

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019016.D
 Acq On : 04 Mar 2019 19:05
 Operator : JU/SJ
 Sample : K1655-08MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:34:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	272931	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1160717	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	670558	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1517233	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	1349630	20.00	ng	-0.02
87) Perylene-d12	23.53	264	1145127	20.00	ng	-0.04

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.27	112	814335	48.89	ng	-0.03
7) Phenol-d6	6.86	99	729274	31.08	ng	-0.03
23) Nitrobenzene-d5	8.85	82	1887174	75.18	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1106384	114.46	ng	-0.03
45) 2-Fluorobiphenyl	12.94	172	3806943	75.36	ng	-0.04
79) Terphenyl-d14	19.72	244	5919165	90.47	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.23	88	90028	12.409	ng	98
3) Pyridine	3.65	79	115250	5.824	ng	95
4) n-Nitrosodimethylamine	3.56	42	79823	15.855	ng	91
6) Aniline	7.02	93	324008	11.269	ng	99
8) 2-Chlorophenol	7.25	128	510854	27.933	ng	99
9) Benzaldehyde	6.84	77	503548	39.007	ng	99
10) Phenol	6.88	94	340217	13.779	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	665507	35.333	ng	99
12) 1,3-Dichlorobenzene	7.56	146	651880	31.699	ng	99
13) 1,4-Dichlorobenzene	7.72	146	669121	31.961	ng	99
14) 1,2-Dichlorobenzene	8.03	146	656361	32.639	ng	99
15) Benzyl Alcohol	7.93	79	414380	22.223	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	678948	37.244	ng	96
17) 2-Methylphenol	8.13	107	367261	23.370	ng	98
18) Hexachloroethane	8.74	117	242063	31.673	ng	97
19) n-Nitroso-di-n-propylamine	8.49	70	661072	36.384	ng	99
20) 3+4-Methylphenols	8.45	107	452591	20.856	ng	98
22) Acetophenone	8.51	105	1086697	34.092	ng	# 99
24) Nitrobenzene	8.89	77	912118	35.005	ng	98
25) Isophorone	9.41	82	1661806	41.489	ng	99
26) 2-Nitrophenol	9.59	139	339091	32.678	ng	98
27) 2,4-Dimethylphenol	9.65	122	517713	34.159	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	974407	37.620	ng	99
29) 2,4-Dichlorophenol	10.12	162	557434	32.032	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	663954	33.037	ng	97
31) Naphthalene	10.52	128	2102197	37.135	ng	100
32) Benzoic acid	9.76	122	111212	8.412	ng	95
33) 4-Chloroaniline	10.65	127	245560	9.704	ng	96
34) Hexachlorobutadiene	10.78	225	346193	29.677	ng	98
35) Caprolactam	11.47	113	25558	3.599	ng	93
36) 4-Chloro-3-methylphenol	11.77	107	616759	29.395	ng	97
37) 2-Methylnaphthalene	12.13	142	1590247	39.900	ng	100
38) 1-Methylnaphthalene	12.36	142	1521734	39.044	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	756367	35.261	ng	99

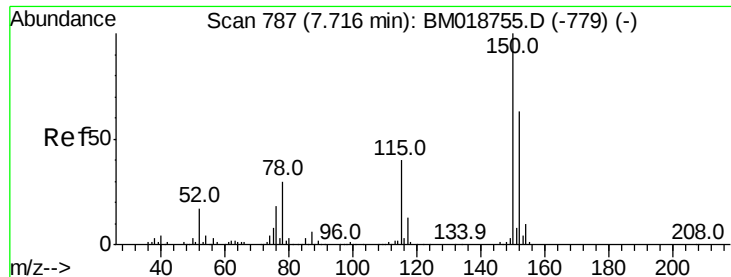
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	823212	75.062	ng	99
43) 2,4,6-Trichlorophenol	12.76	196	486348	34.249	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	518102	34.810	ng	98
46) 1,1'-Biphenyl	13.16	154	2068207	35.832	ng	99
47) 2-Chloronaphthalene	13.20	162	1607225	36.051	ng	99
48) 2-Nitroaniline	13.43	65	563827	38.079	ng	99
49) Acenaphthylene	14.06	152	2647383	39.880	ng	100
50) Dimethylphthalate	13.80	163	2792455	49.969	ng	100
51) 2,6-Dinitrotoluene	13.93	165	468979	38.740	ng	96
52) Acenaphthene	14.40	154	1538843	37.805	ng	100
53) 3-Nitroaniline	14.26	138	233334	17.059	ng	94
54) 2,4-Dinitrophenol	14.47	184	512288	67.650	ng	97
55) Dibenzofuran	14.73	168	2516023	37.606	ng	100
56) 4-Nitrophenol	14.58	139	225673	20.668	ng	99
57) 2,4-Dinitrotoluene	14.72	165	674921	40.464	ng	97
58) Fluorene	15.39	166	2089545	40.824	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	472900	35.946	ng	99
60) Diethylphthalate	15.16	149	2182805	37.865	ng	100
61) 4-Chlorophenyl-phenylether	15.38	204	1020481	35.559	ng	99
62) 4-Nitroaniline	15.43	138	428755	31.974	ng	98
63) Azobenzene	15.67	77	2334094	37.763	ng	99
65) 4,6-Dinitro-2-methylphenol	15.48	198	334843	31.433	ng	98
66) n-Nitrosodiphenylamine	15.60	169	1748605	36.478	ng	100
67) 4-Bromophenyl-phenylether	16.28	248	618840	36.439	ng	100
68) Hexachlorobenzene	16.38	284	721366	36.543	ng	99
69) Atrazine	16.56	200	558031	36.110	ng	99
70) Pentachlorophenol	16.73	266	797236	62.724	ng	99
71) Phenanthrene	17.13	178	3246657	39.818	ng	99
72) Anthracene	17.22	178	3312016	41.732	ng	100
73) Carbazole	17.50	167	3033574	36.586	ng	99
74) Di-n-butylphthalate	18.05	149	3911946	41.023	ng	100
75) Fluoranthene	19.15	202	3657643	38.834	ng	98
77) Benzidine	19.35	184	550818	18.122	ng	99
78) Pyrene	19.52	202	3725897	47.533	ng	100
80) Butylbenzylphthalate	20.42	149	1799784	50.381	ng	99
81) Benzo(a)anthracene	21.27	228	3219057	40.917	ng	100
82) 3,3'-Dichlorobenzidine	21.21	252	693531	22.305	ng	100
83) Chrysene	21.32	228	2977372	39.484	ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	2611988	49.957	ng	99
85) Di-n-octyl phthalate	22.07	149	4116567	46.845	ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	3002640	34.489	ng	100
88) Benzo(b)fluoranthene	22.85	252	2774657	42.350	ng	100
89) Benzo(k)fluoranthene	22.90	252	2681569	41.112	ng	100
90) Benzo(a)pyrene	23.43	252	2564549	41.320	ng	99
91) Dibenzo(a,h)anthracene	25.81	278	2579379	41.947	ng	99
92) Benzo(g,h,i)perylene	26.50	276	2430651	42.459	ng	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

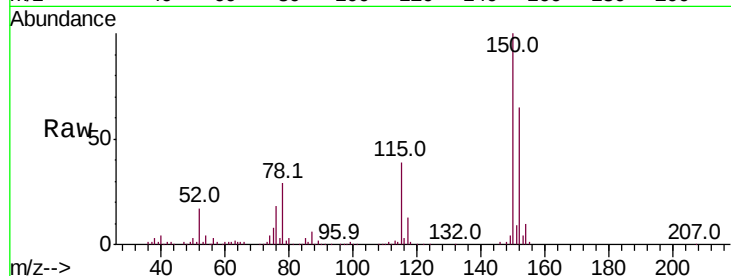


#1

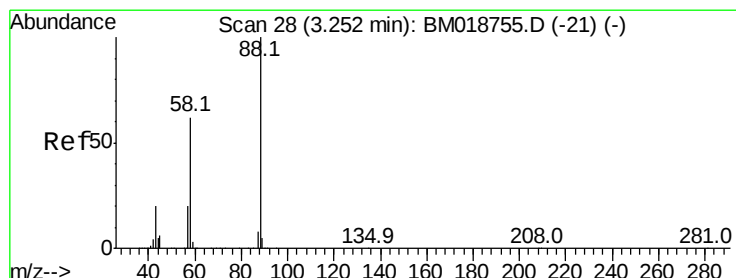
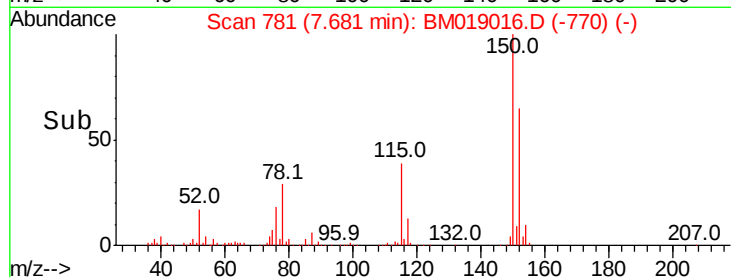
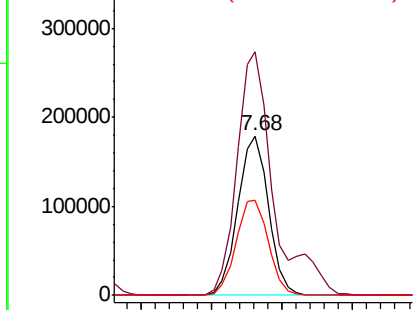
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 272931
Ion Ratio Lower Upper
152 100
150 152.7 127.3 190.9
115 59.4 50.8 76.2



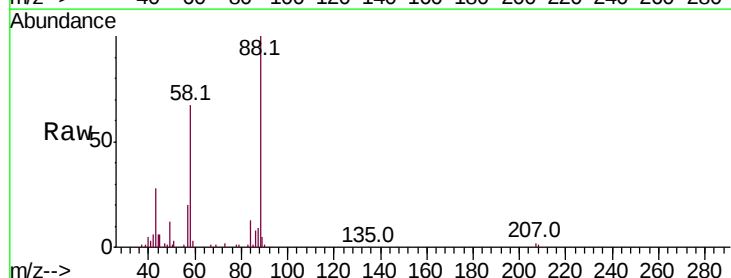
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



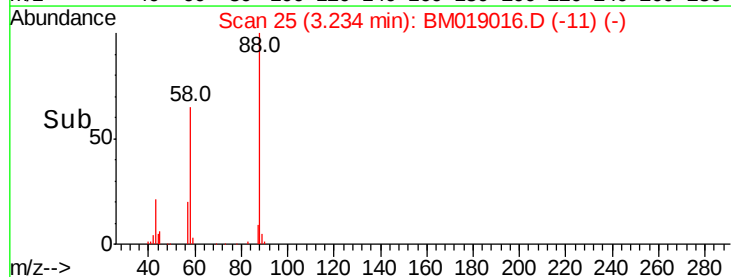
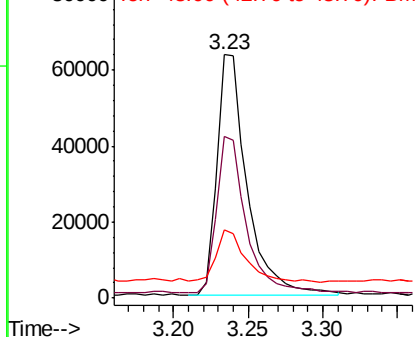
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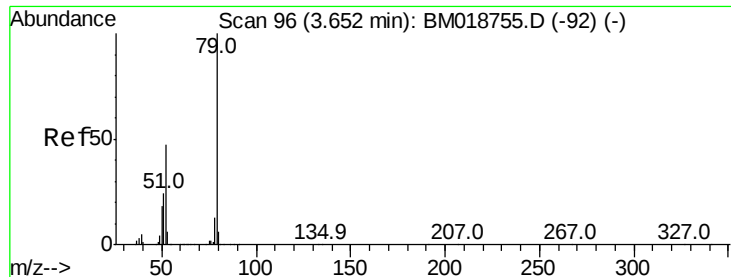
1,4-Dioxane
Concen: 12.409 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.02 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Tgt Ion: 88 Resp: 90028
Ion Ratio Lower Upper
88 100
58 63.4 49.8 74.6
43 21.8 16.7 25.1



Abundance Ion 88.00 (87.70 to 88.70): BM0
Ion 58.00 (57.70 to 58.70): BM0
Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 5.824 ng

RT: 3.65 min Scan# 96

Delta R.T. -0.00 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

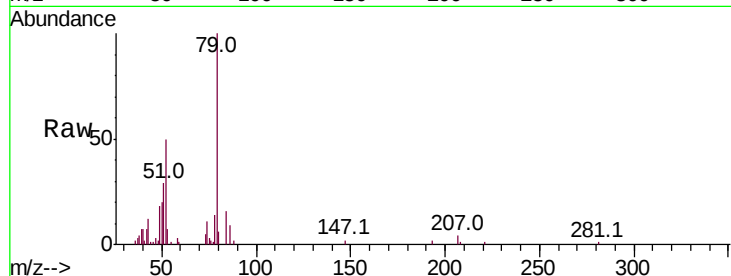
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 79 Resp: 115250

Ion	Ratio	Lower	Upper
79	100		
52	49.6	37.6	56.4
51	28.6	19.7	29.5

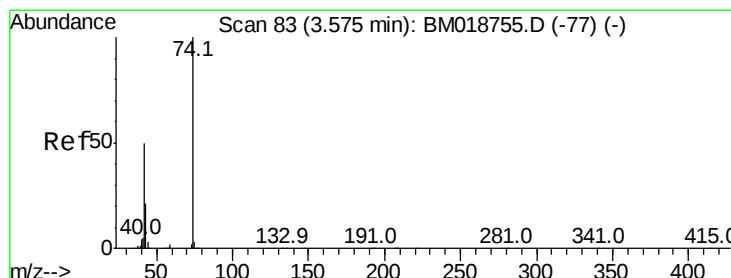
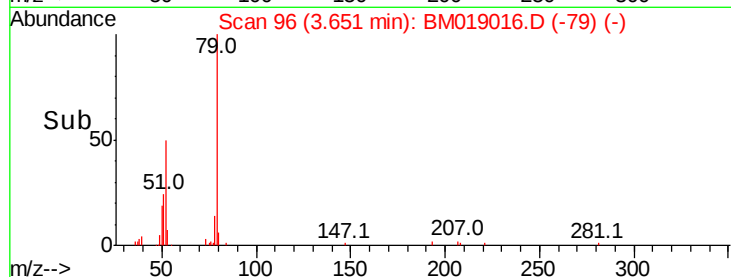
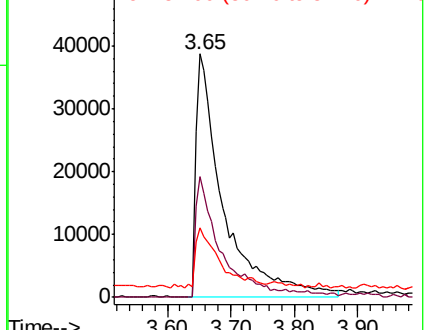


Abundance

Ion 79.00 (78.70 to 79.70): BM018755.D (-92) (-)

Ion 52.00 (51.70 to 52.70): BM018755.D (-92) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-92) (-)



#4

n-Nitrosodimethylamine

Concen: 15.855 ng

RT: 3.56 min Scan# 80

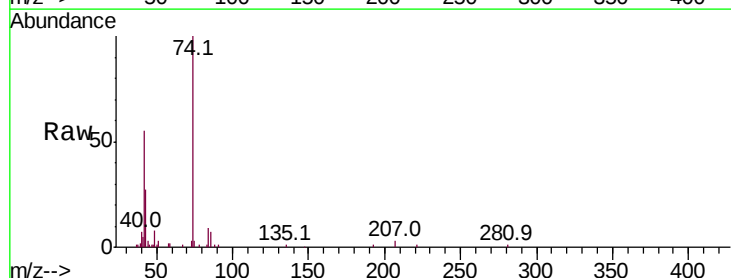
Delta R.T. -0.02 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Tgt Ion: 42 Resp: 79823

Ion	Ratio	Lower	Upper
42	100		
74	183.1	158.1	237.1
44	6.0	4.9	7.3

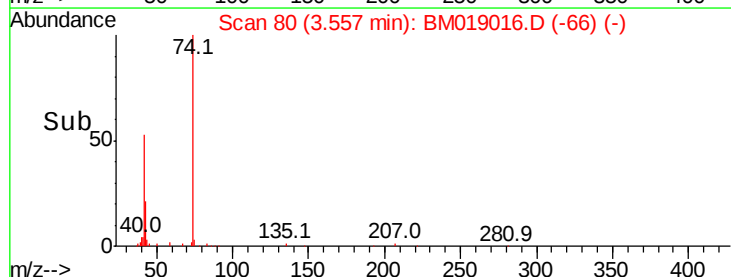
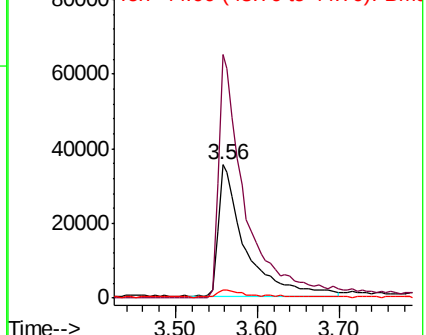


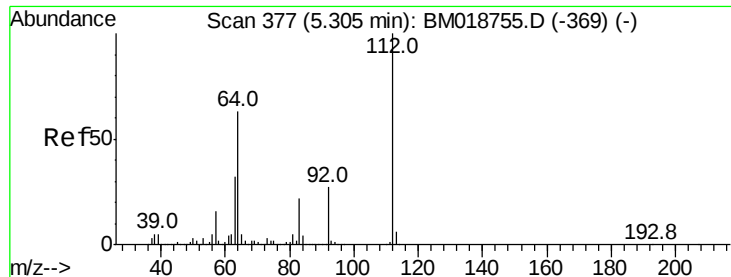
Abundance

Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

Ion 74.00 (73.70 to 74.70): BM018755.D (-77) (-)

Ion 44.00 (43.70 to 44.70): BM018755.D (-77) (-)





#5

2-Fluorophenol

Concen: 48.887 ng

RT: 5.27 min Scan# 372

Delta R.T. -0.03 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

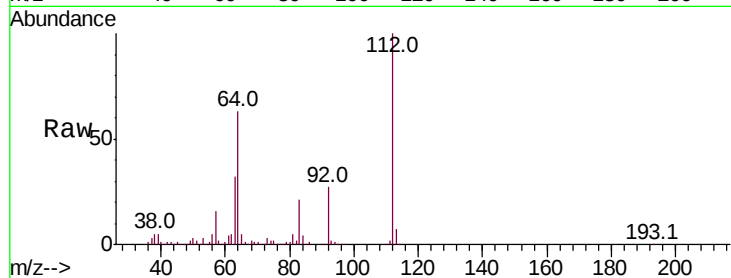
Tot Ion:112 Resp: 814335

Ion Ratio Lower Upper

112 100

64 62.9 50.6 75.8

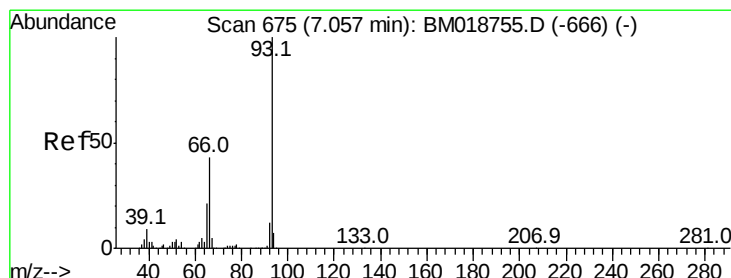
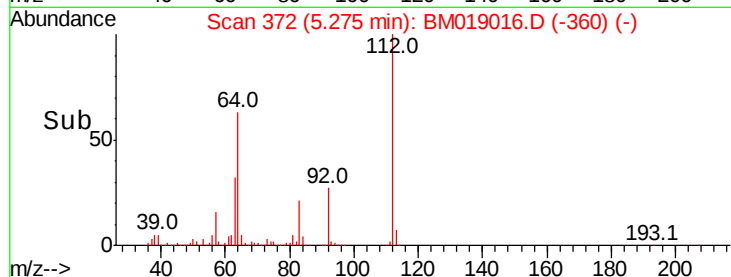
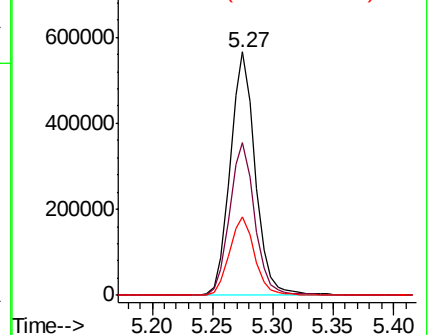
63 32.2 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 11.269 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

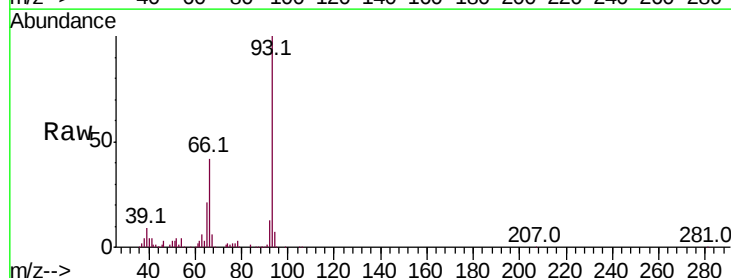
Tgt Ion: 93 Resp: 324008

Ion Ratio Lower Upper

93 100

66 41.6 34.1 51.1

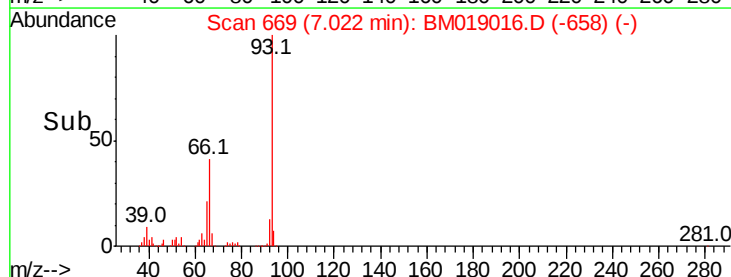
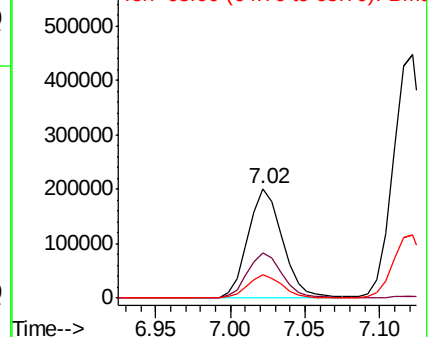
65 21.2 16.6 24.8

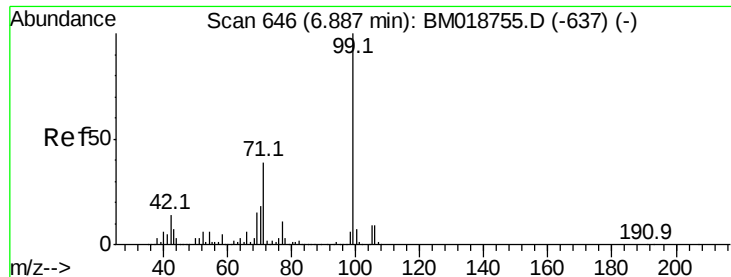


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 31.077 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.03 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

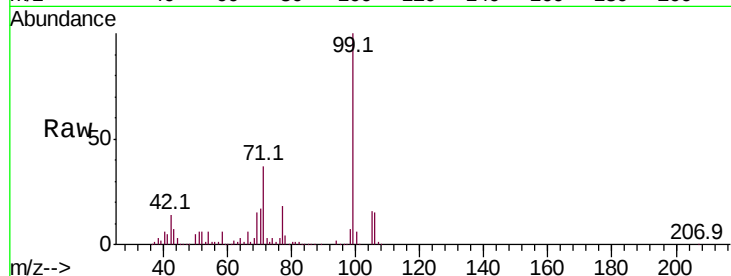
Tot Ion: 99 Resp: 729274

Ion Ratio Lower Upper

99 100

42 14.1 11.0 16.6

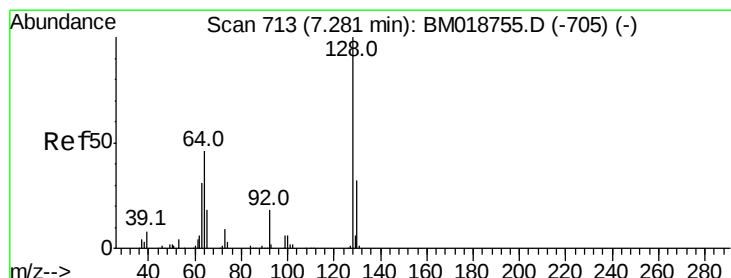
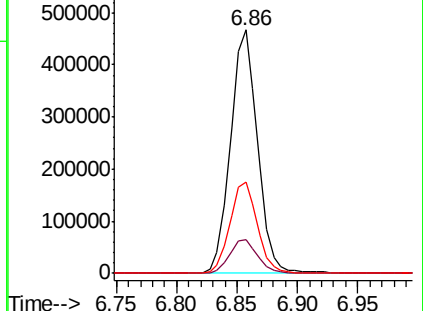
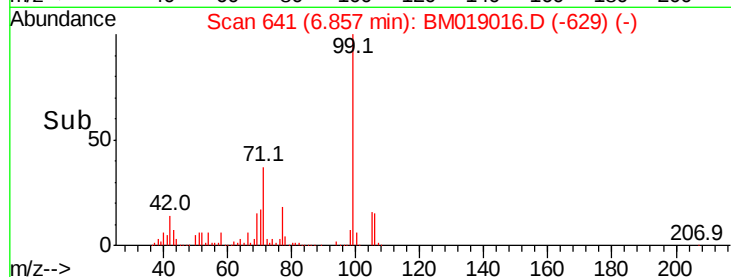
71 37.4 31.3 46.9



Abundance Ion 99.00 (98.70 to 99.70): BM018755.D (-637) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-637) (-)

Ion 71.00 (70.70 to 71.70): BM018755.D (-637) (-)



#8

2-Chlorophenol

Concen: 27.933 ng

RT: 7.25 min Scan# 707

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

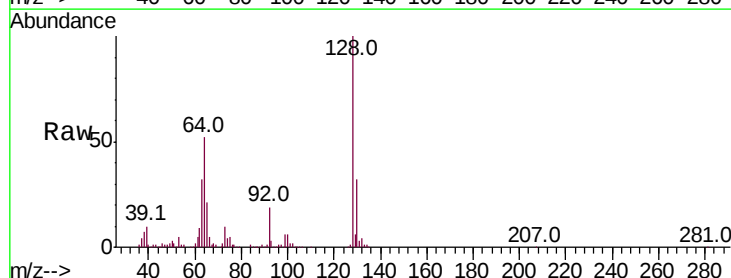
Tgt Ion: 128 Resp: 510854

Ion Ratio Lower Upper

128 100

130 31.8 11.7 51.7

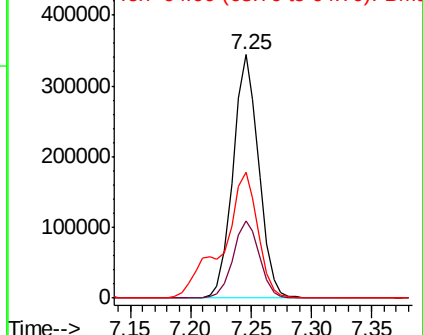
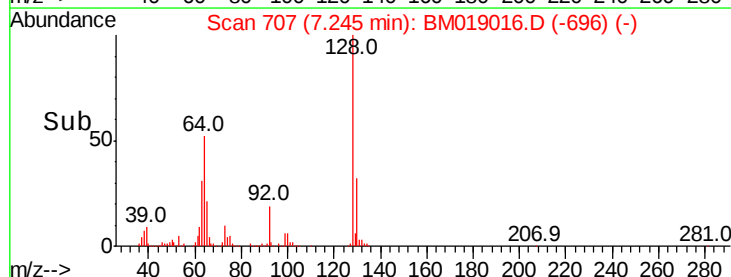
64 51.7 31.0 71.0

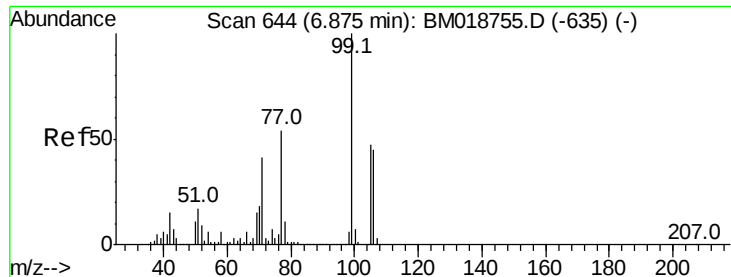


Abundance Ion 128.00 (127.70 to 128.70): BM018755.D (-705) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-705) (-)

Ion 64.00 (63.70 to 64.70): BM018755.D (-705) (-)





#9

Benzaldehyde

Concen: 39.007 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampled :

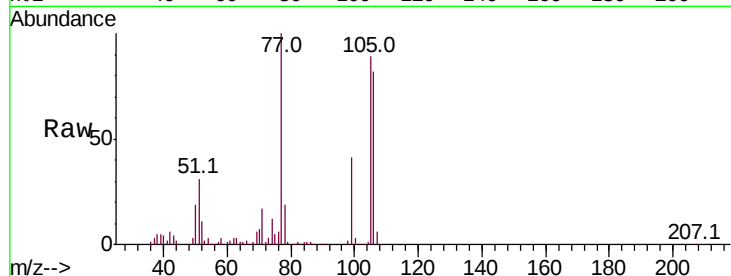
Tot Ion: 77 Resp: 503548

Ion Ratio Lower Upper

77 100

105 88.6 67.3 107.3

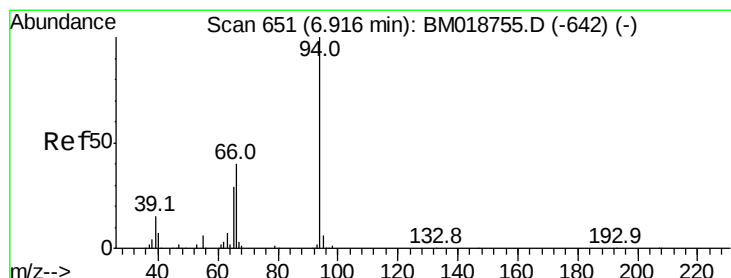
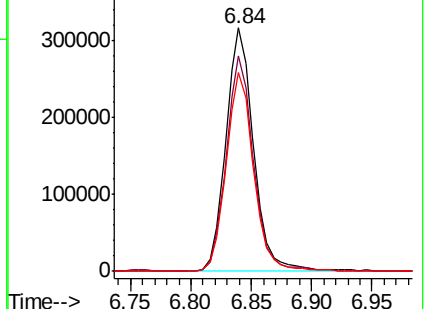
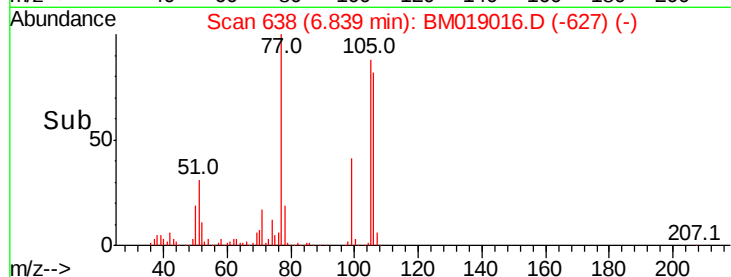
106 81.9 62.9 102.9



Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-635) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-635) (-)

Ion 106.00 (105.70 to 106.70): BM018755.D (-635) (-)



#10

Phenol

Concen: 13.779 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

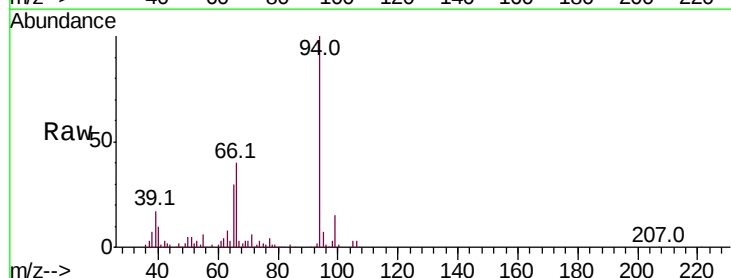
Tgt Ion: 94 Resp: 340217

Ion Ratio Lower Upper

94 100

65 30.0 9.6 49.6

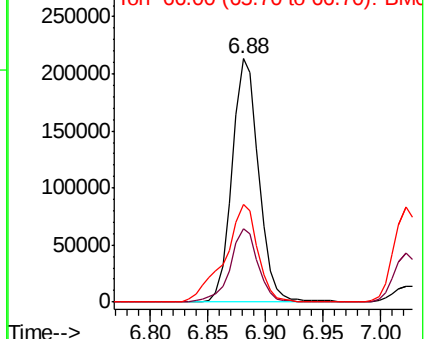
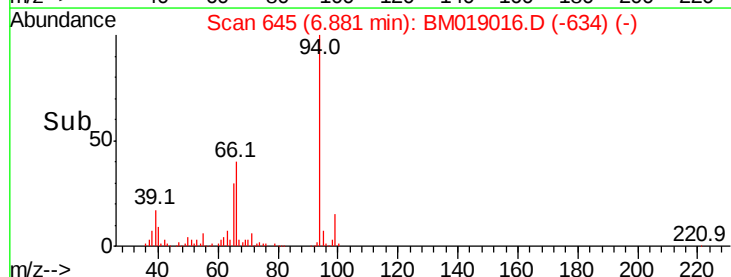
66 40.2 20.4 60.4

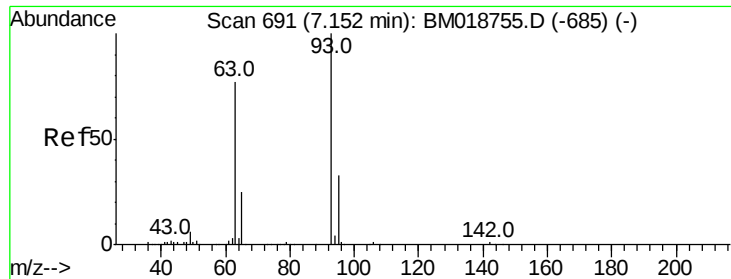


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM018755.D (-642) (-)

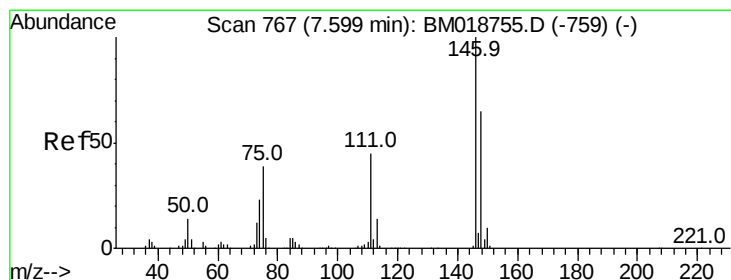
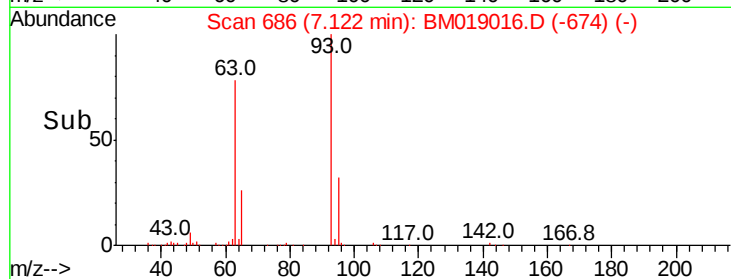
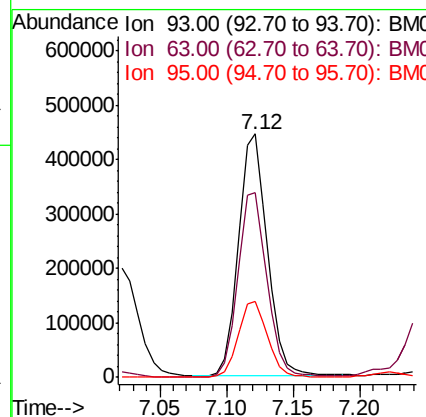
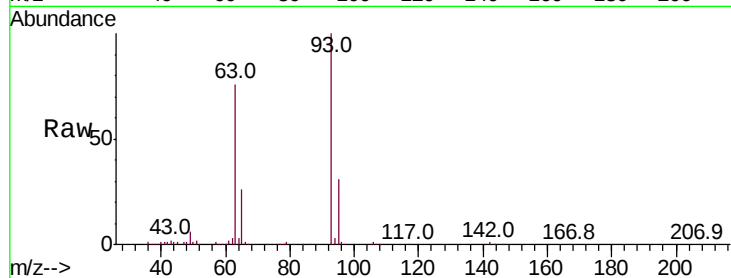




#11
bis(2-Chloroethyl)ether
Concen: 35.333 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.03 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

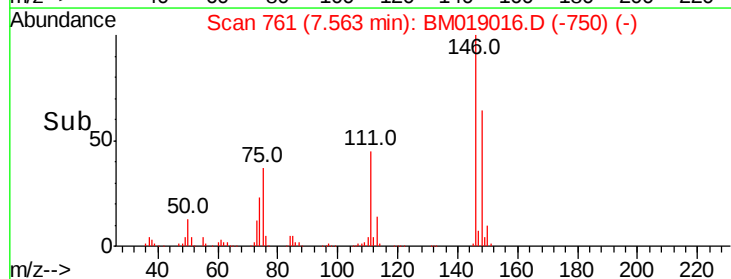
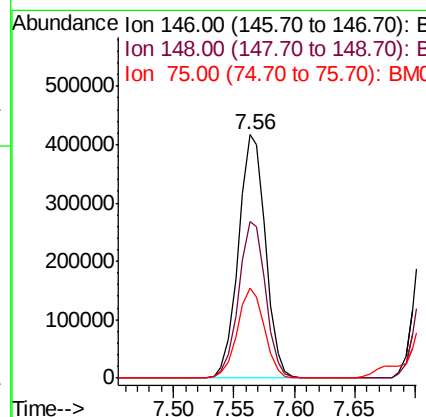
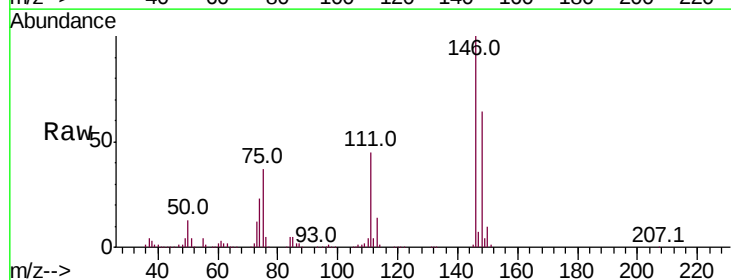
Instrument :
BNA_M
ClientSampled :

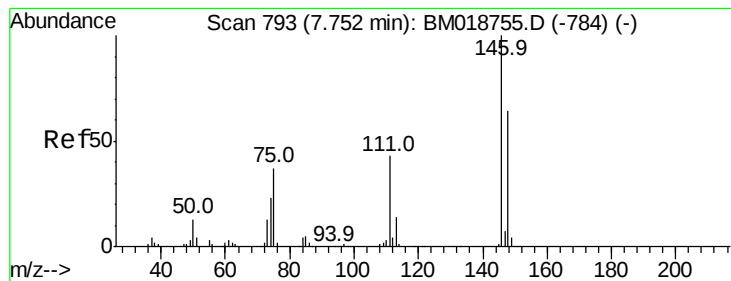
Tot Ion: 93 Resp: 665507
Ion Ratio Lower Upper
93 100
63 76.1 57.0 97.0
95 31.4 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 31.699 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.04 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Tgt Ion: 146 Resp: 651880
Ion Ratio Lower Upper
146 100
148 64.4 51.7 77.5
75 37.0 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 31.961 ng

RT: 7.72 min Scan# 787

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampled :

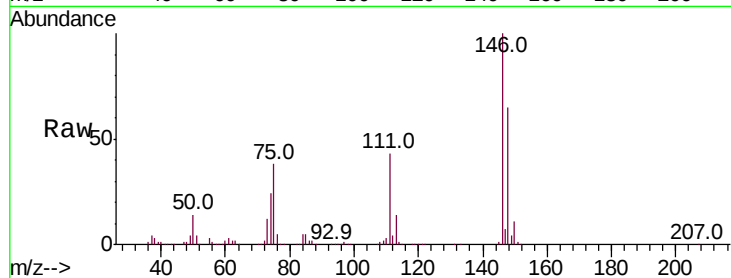
Tot Ion:146 Resp: 669121

Ion Ratio Lower Upper

146 100

148 64.6 51.4 77.2

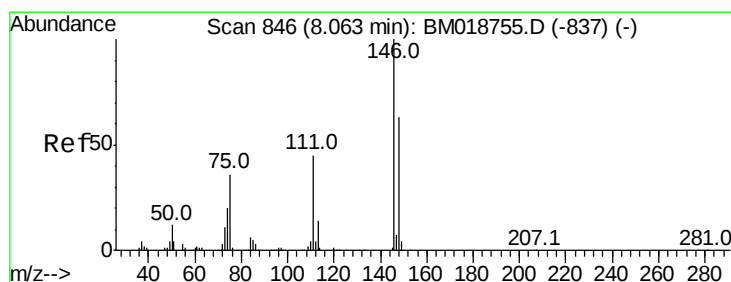
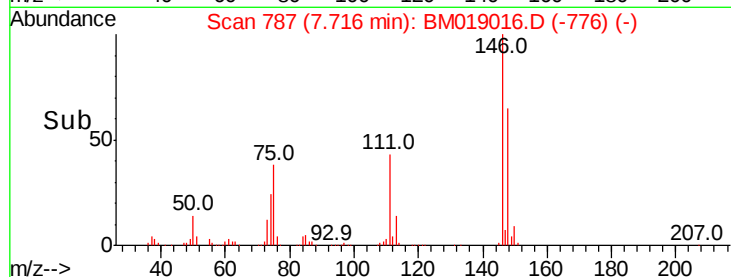
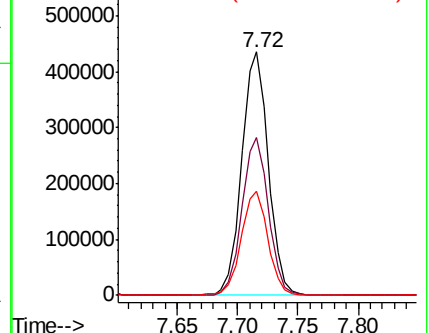
111 42.8 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 32.639 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

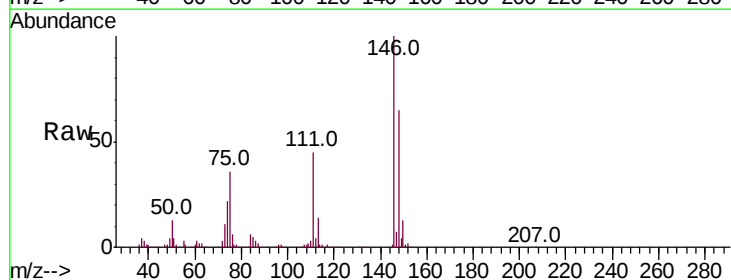
Tgt Ion:146 Resp: 656361

Ion Ratio Lower Upper

146 100

148 64.6 50.7 76.1

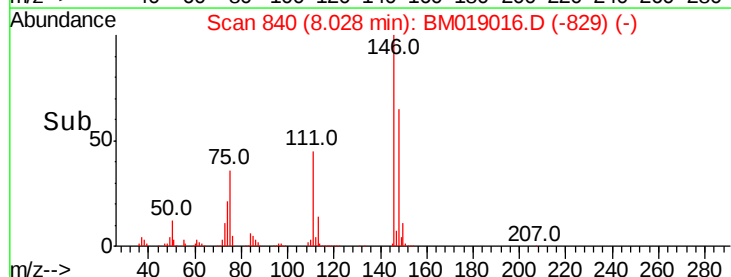
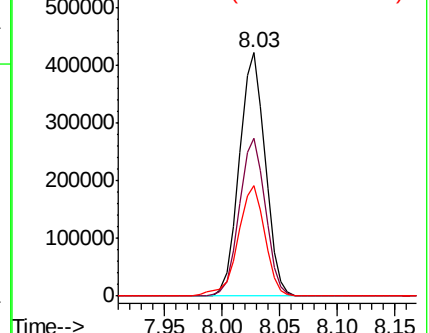
111 45.3 35.9 53.9

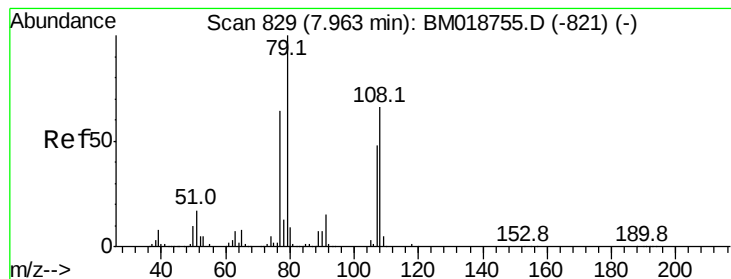


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 22.223 ng

RT: 7.93 min Scan# 823

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampled :

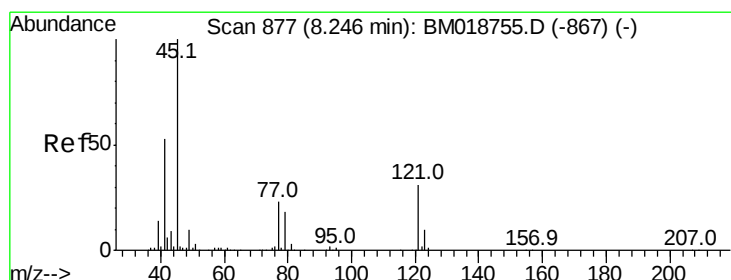
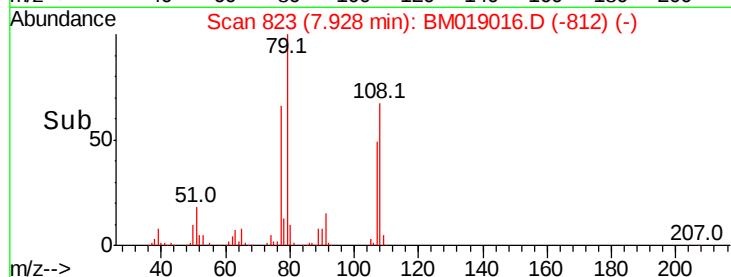
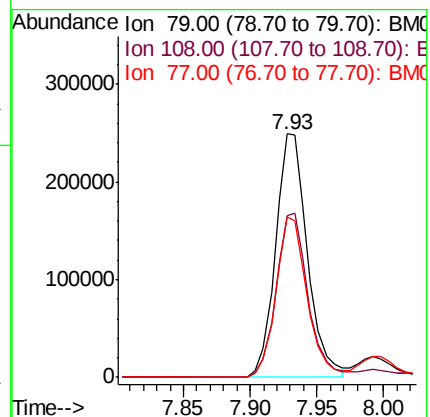
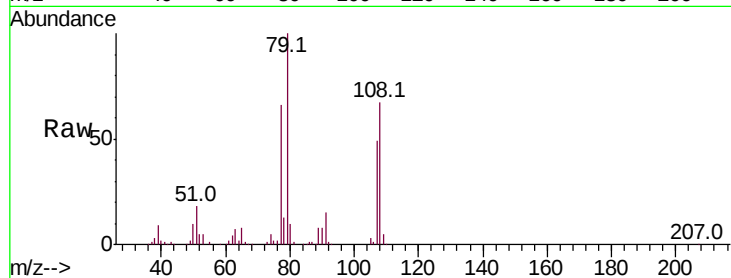
Tot Ion: 79 Resp: 414380

Ion Ratio Lower Upper

79 100

108 66.6 52.7 79.1

77 65.7 51.0 76.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.244 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

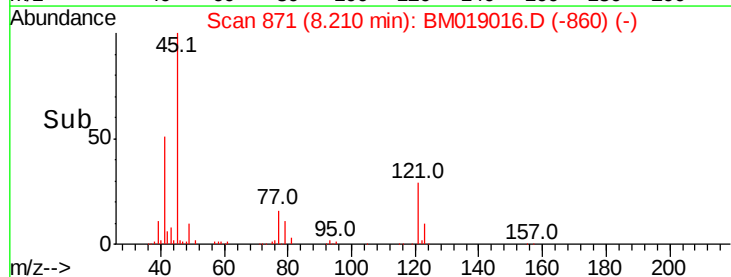
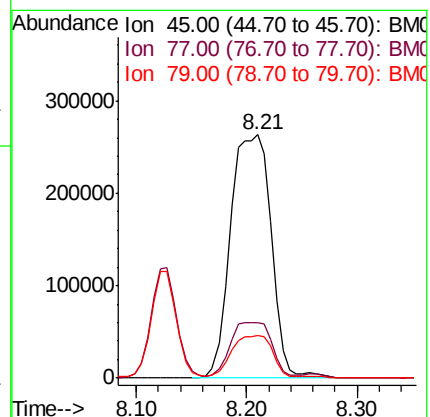
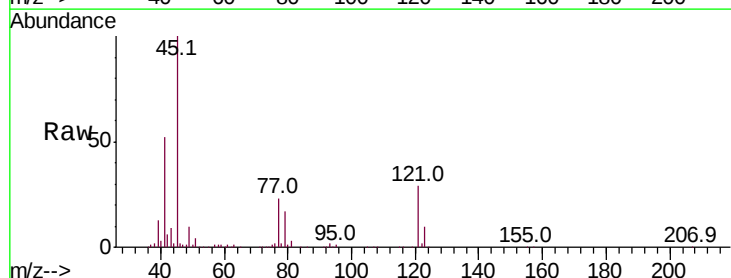
Tgt Ion: 45 Resp: 678948

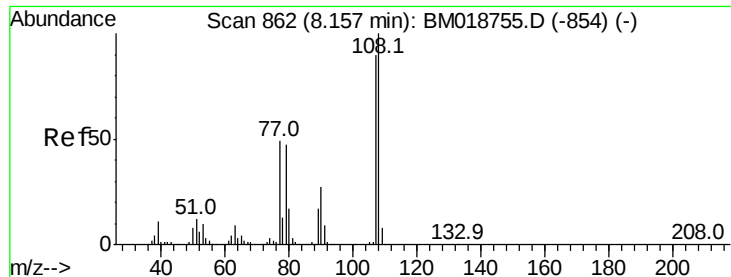
Ion Ratio Lower Upper

45 100

77 23.0 5.0 45.0

79 17.4 0.0 39.3

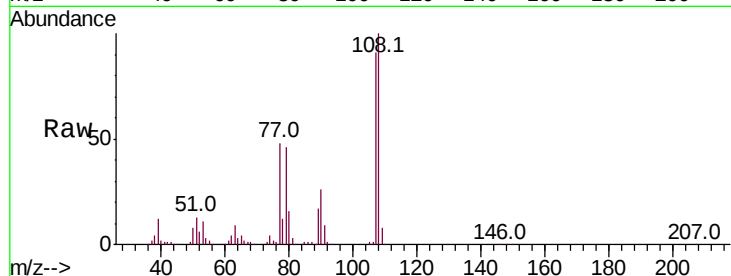




#17
2-Methylphenol
Concen: 23.370 ng
RT: 8.13 min Scan# 857
Delta R.T. -0.03 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.8	88.8	133.2
77	52.4	44.0	66.0
79	50.3	42.4	63.6



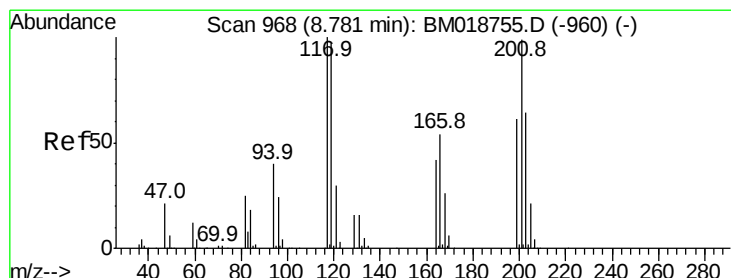
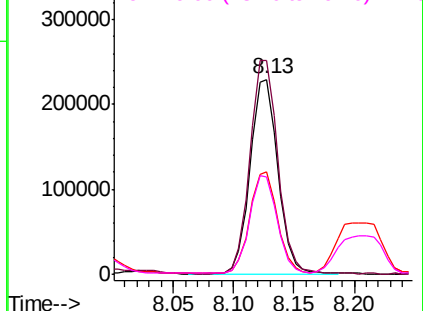
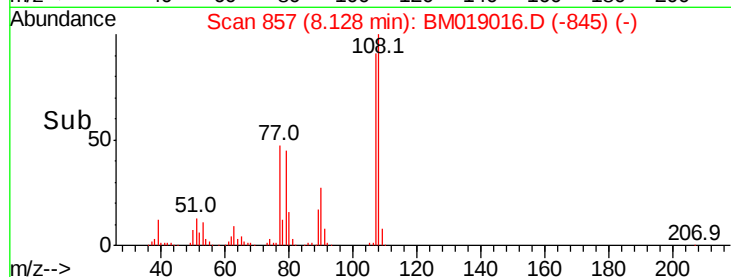
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

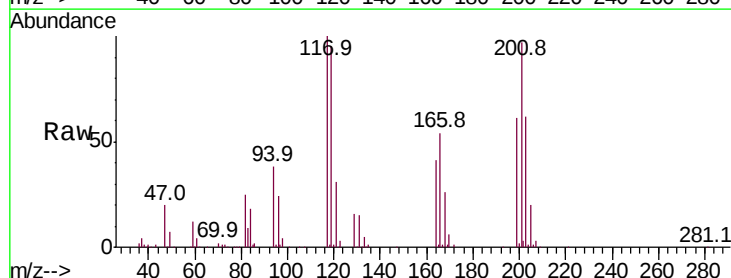
Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18
Hexachloroethane
Concen: 31.673 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.04 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	77.9	116.9
201	96.6	79.2	118.8

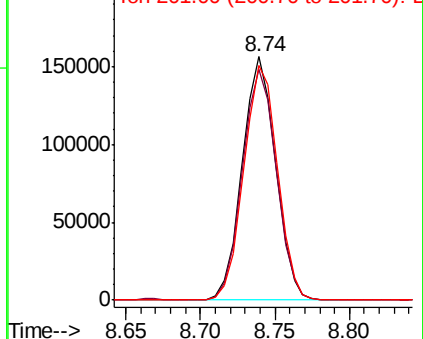
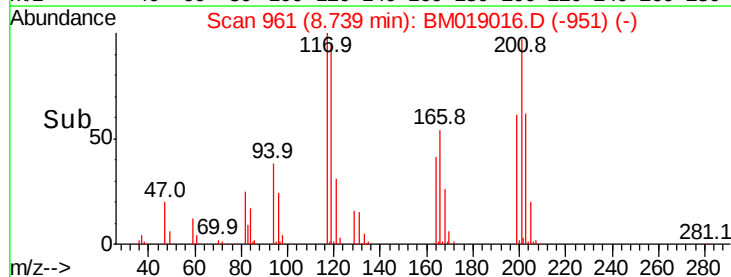


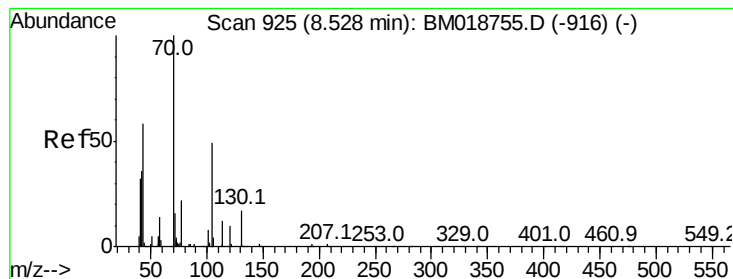
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.384 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 661072

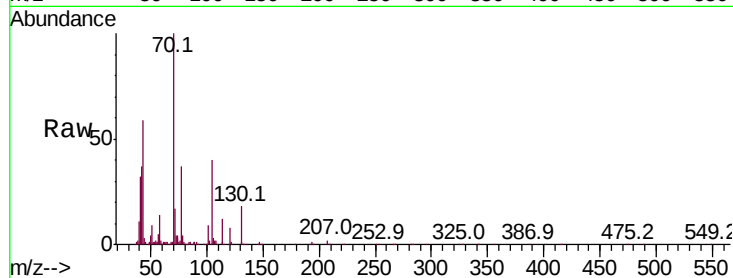
Ion Ratio Lower Upper

70 100

42 36.8 29.4 44.0

101 9.1 6.7 10.1

130 18.0 14.0 21.0



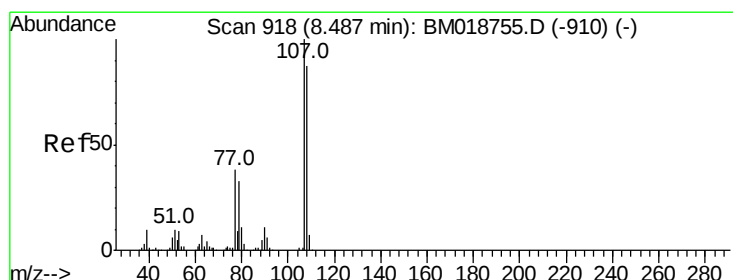
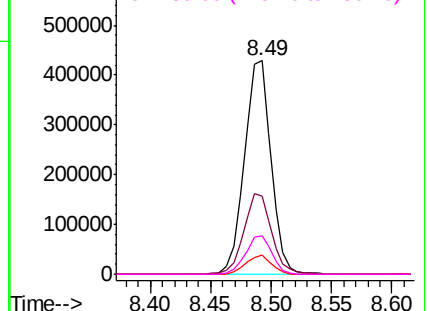
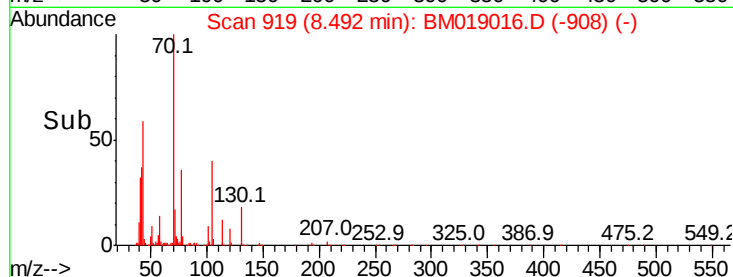
Abundance

Ion 70.00 (69.70 to 70.70): BM018755.D (-916) (-)

Ion 42.00 (41.70 to 42.70): BM018755.D (-916) (-)

Ion 101.00 (100.70 to 101.70): BM018755.D (-916) (-)

Ion 130.00 (129.70 to 130.70): BM018755.D (-916) (-)



#20

3+4-Methylphenols

Concen: 20.856 ng

RT: 8.45 min Scan# 912

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Tgt Ion: 107 Resp: 452591

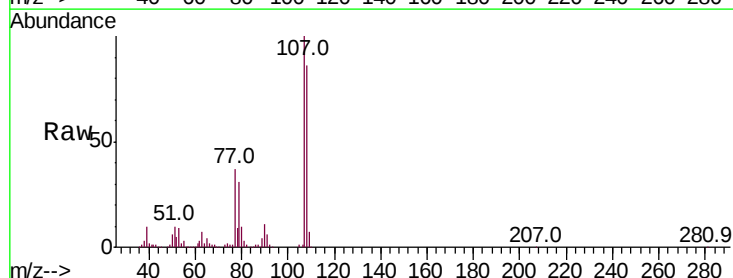
Ion Ratio Lower Upper

107 100

108 85.9 67.3 107.3

77 36.5 18.0 58.0

79 30.7 12.8 52.8



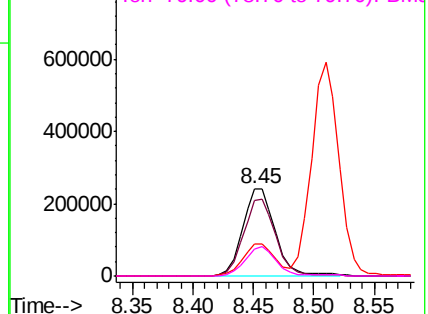
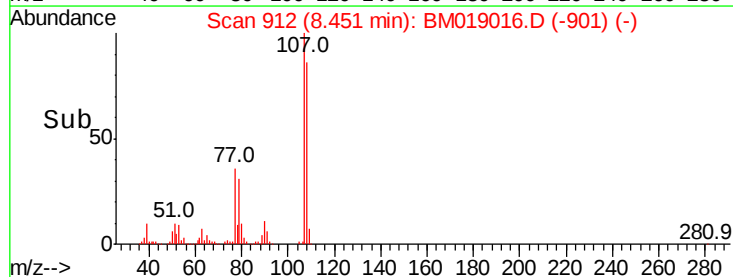
Abundance

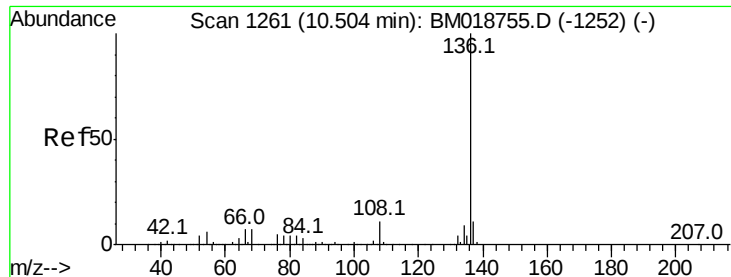
Ion 107.00 (106.70 to 107.70): BM018755.D (-910) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-910) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-910) (-)

Ion 79.00 (78.70 to 79.70): BM018755.D (-910) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1255

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

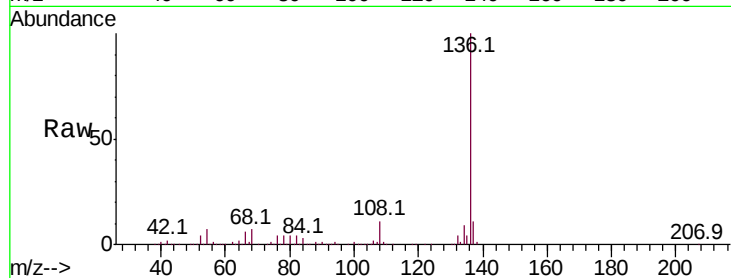
Instrument :

BNA_M

ClientSampled :

Tot Ion:136 Resp: 1160717

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.9	5.0	7.6
68	7.3	5.5	8.3



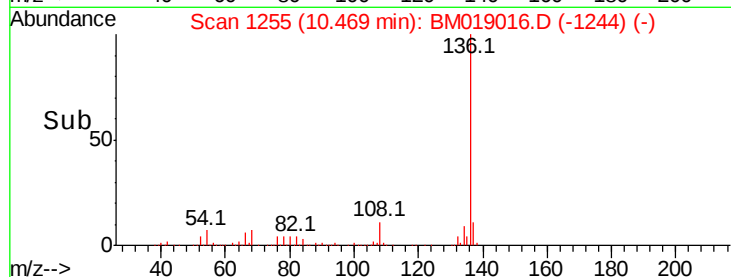
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



Time-->

10.47

600000

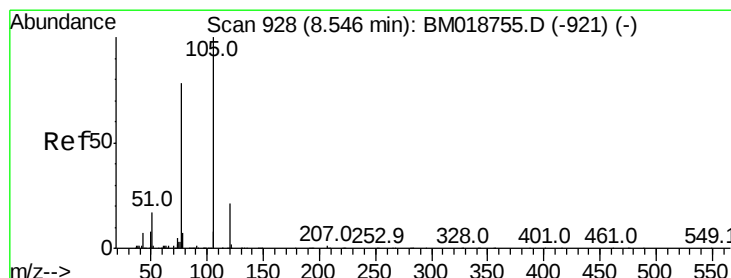
400000

200000

0

10.40

10.50



#22

Acetophenone

Concen: 34.092 ng

RT: 8.51 min Scan# 922

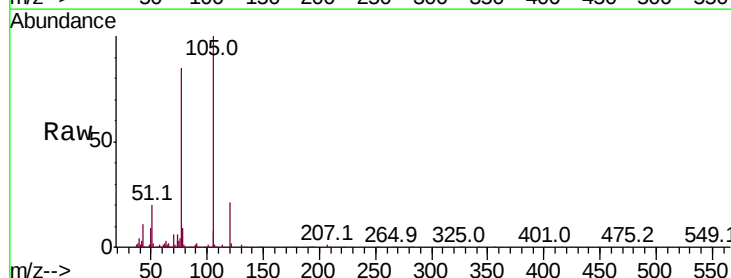
Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Tgt Ion:105 Resp: 1086697

Ion	Ratio	Lower	Upper
105	100		
71	1.0	1.1	1.7#
51	19.8	15.5	23.3
120	20.9	17.0	25.4



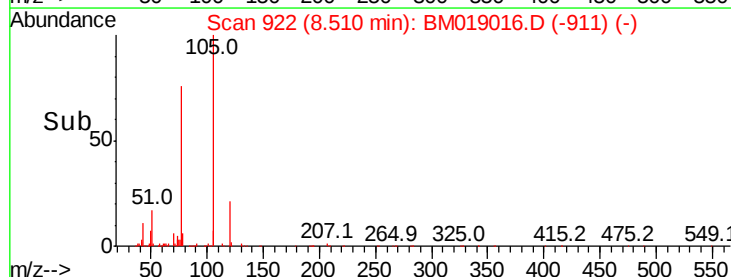
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



Time-->

8.51

600000

400000

200000

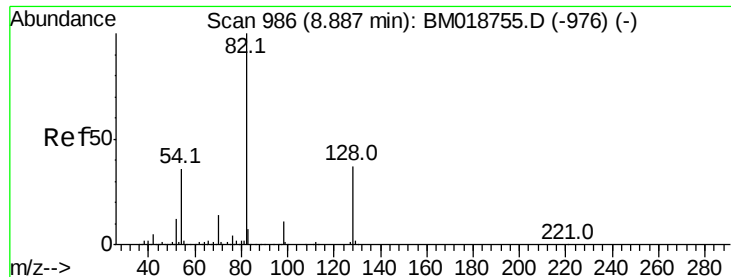
0

8.45

8.50

8.55

8.60



#23

Nitrobenzene-d5

Concen: 75.178 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

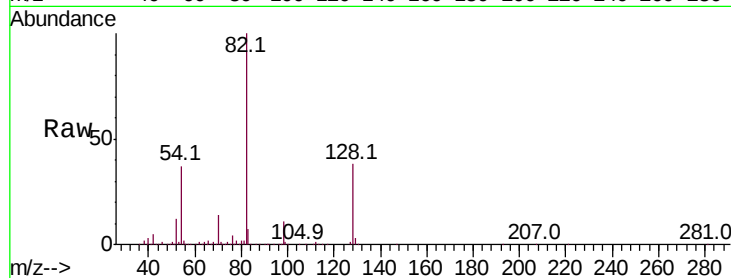
Tot Ion: 82 Resp: 1887174

Ion Ratio Lower Upper

82 100

128 37.9 29.9 44.9

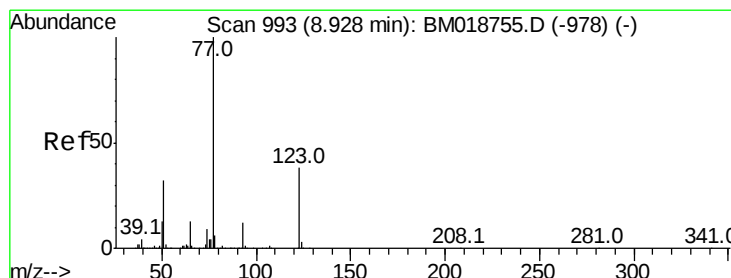
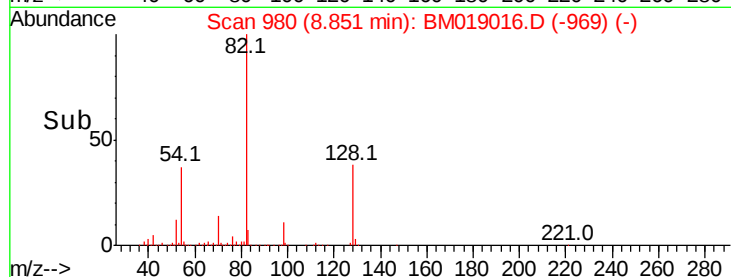
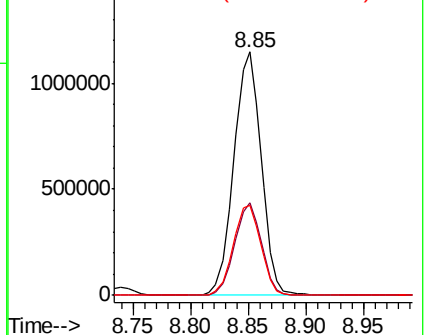
54 36.8 29.1 43.7



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)

Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)

Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)



#24

Nitrobenzene

Concen: 35.005 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

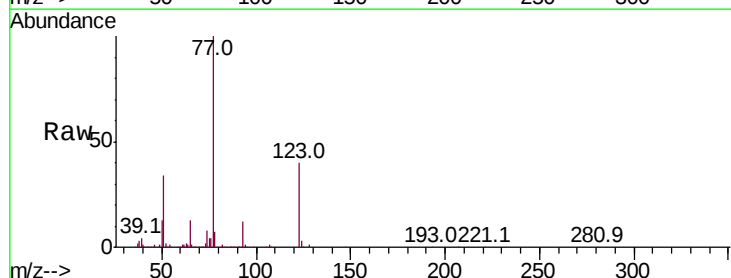
Tgt Ion: 77 Resp: 912118

Ion Ratio Lower Upper

77 100

123 39.9 30.7 46.1

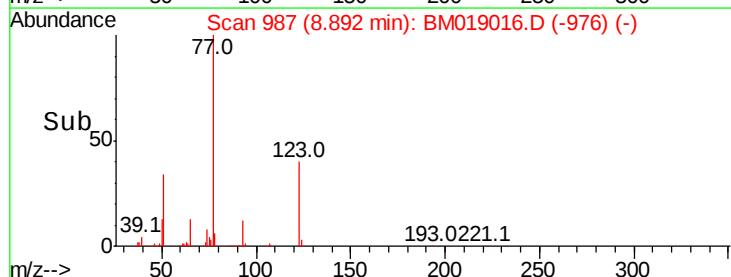
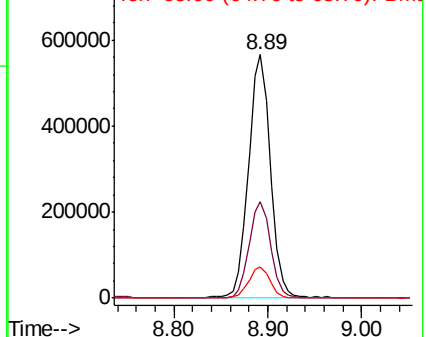
65 12.8 10.5 15.7

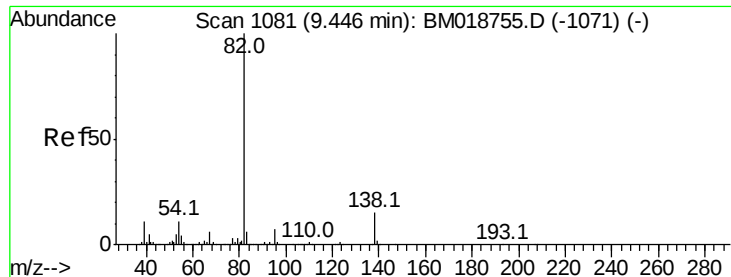


Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)

Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)





#25

Isophorone

Concen: 41.489 ng

RT: 9.41 min Scan# 1075

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampled :

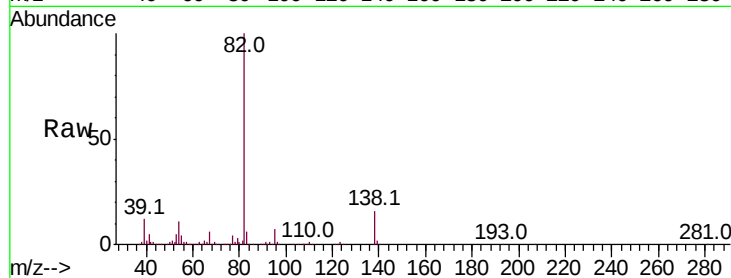
Tot Ion: 82 Resp: 1661806

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

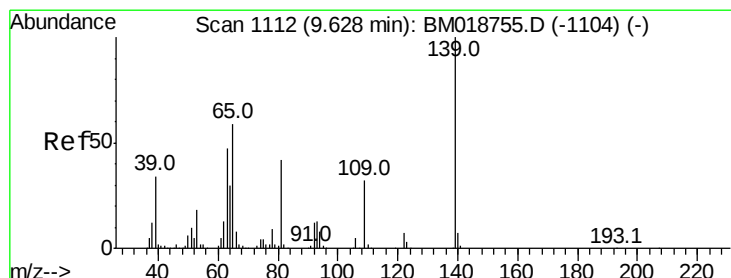
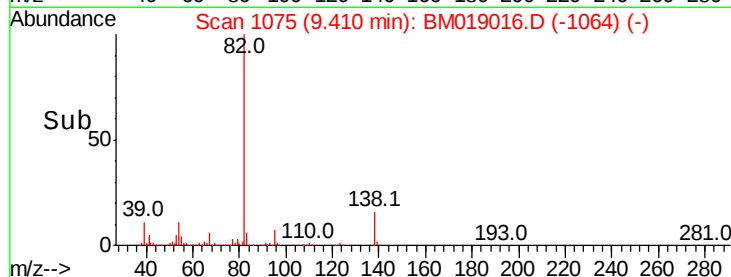
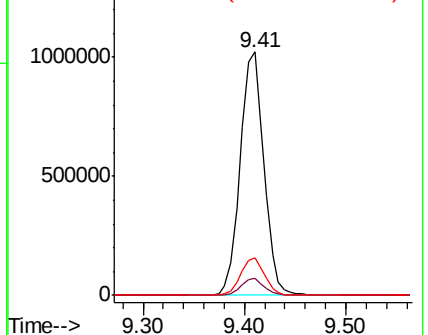
138 15.7 12.3 18.5



Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)

Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)

Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)



#26

2-Nitrophenol

Concen: 32.678 ng

RT: 9.59 min Scan# 1106

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

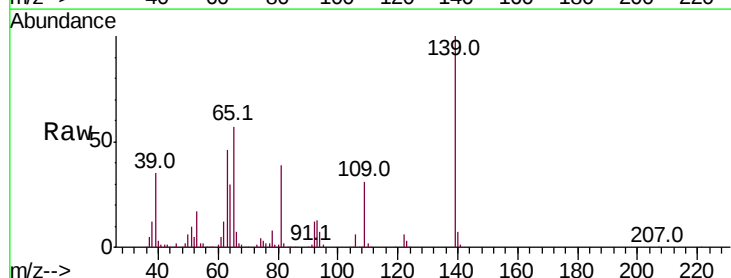
Tgt Ion: 139 Resp: 339091

Ion Ratio Lower Upper

139 100

109 30.5 25.2 37.8

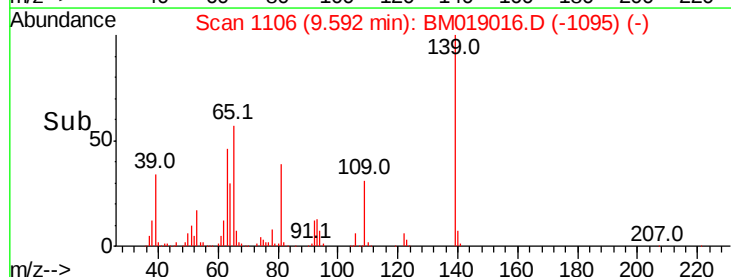
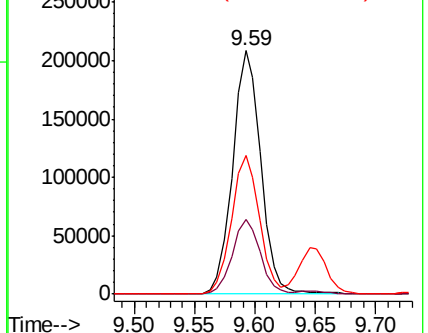
65 57.2 47.0 70.4

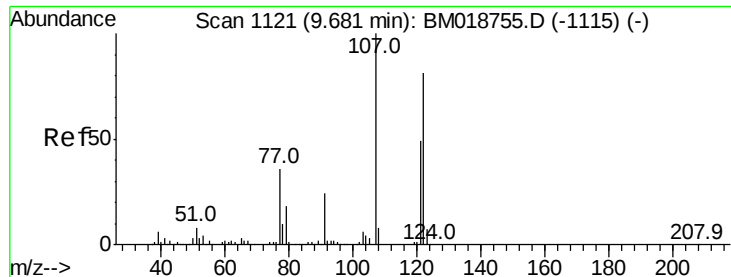


Abundance Ion 139.00 (138.70 to 139.70): BM018755.D (-1104) (-)

Ion 109.00 (108.70 to 109.70): BM018755.D (-1104) (-)

Ion 65.00 (64.70 to 65.70): BM018755.D (-1104) (-)

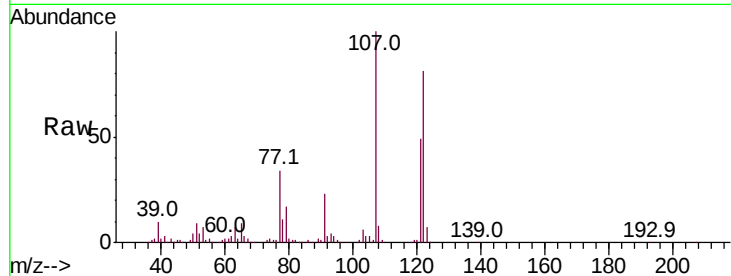




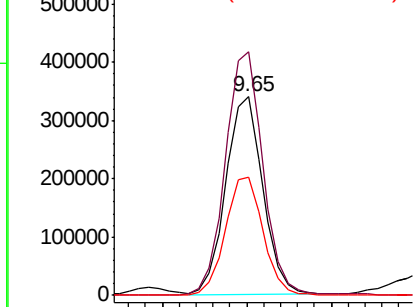
#27
2,4-Dimethylphenol
Concen: 34.159 ng
RT: 9.65 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Instrument :
BNA_M
ClientSampleId :

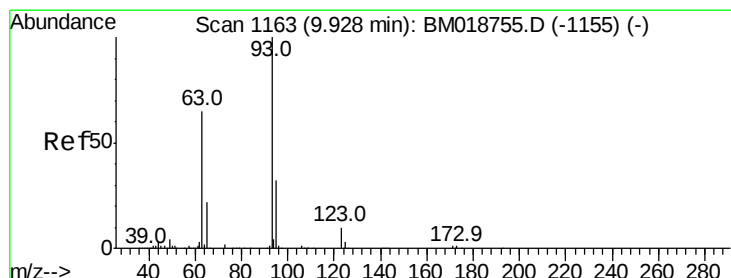
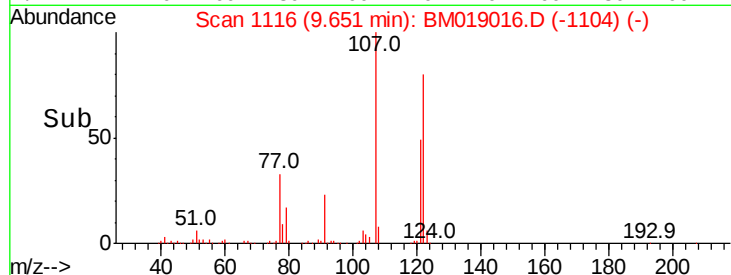
Tot Ion:122 Resp: 517713
Ion Ratio Lower Upper
122 100
107 122.8 97.6 146.4
121 59.6 47.9 71.9



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

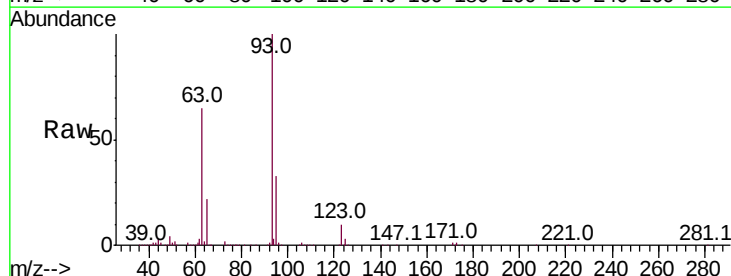


Time-->

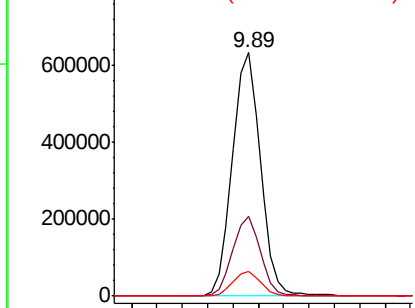


#28
bis(2-Chloroethoxy)methane
Concen: 37.620 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.04 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

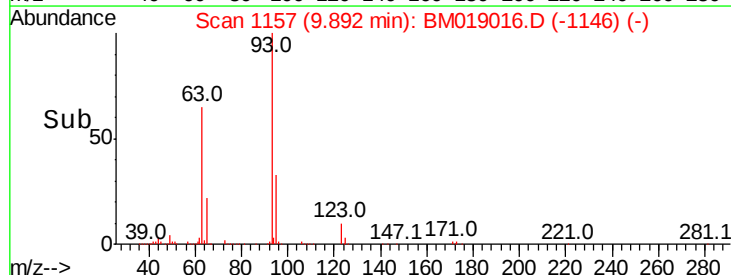
Tgt Ion: 93 Resp: 974407
Ion Ratio Lower Upper
93 100
95 32.5 25.6 38.4
123 10.3 8.2 12.4

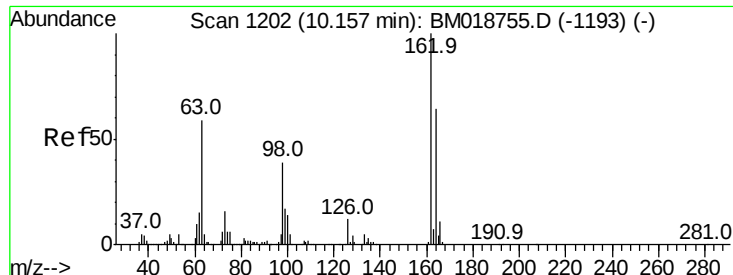


Abundance Ion 93.00 (92.70 to 93.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 123.00 (122.70 to 123.70): E



Time-->

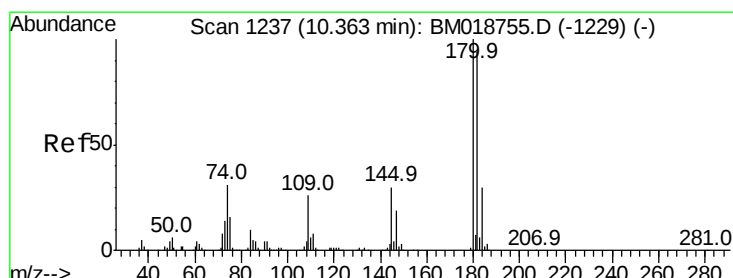
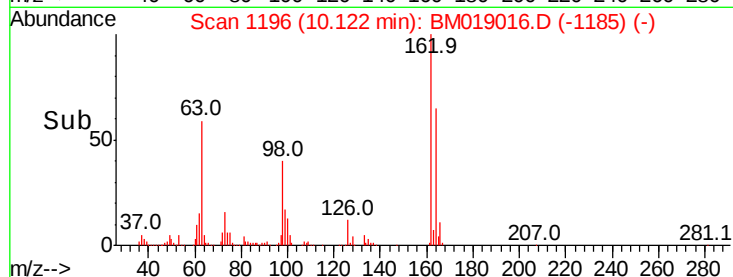
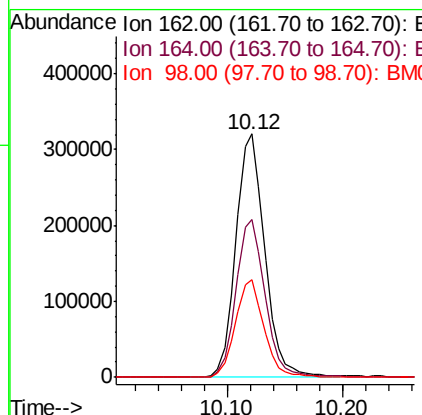
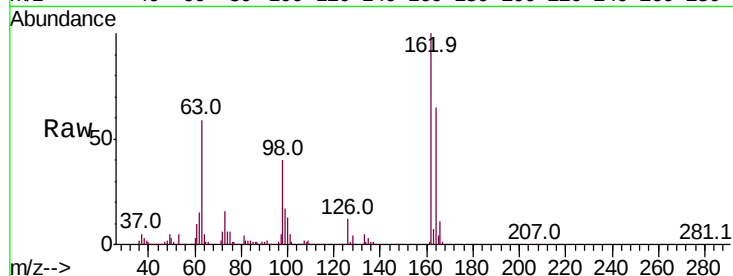




#29
2,4-Dichlorophenol
Concen: 32.032 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.04 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

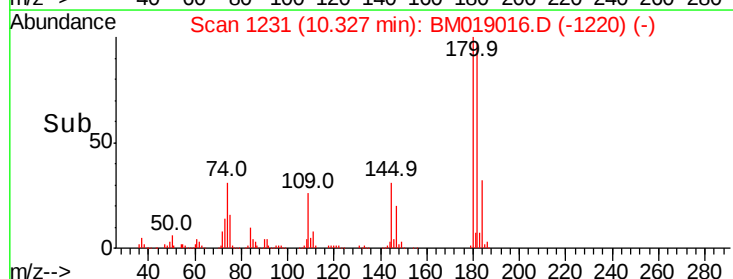
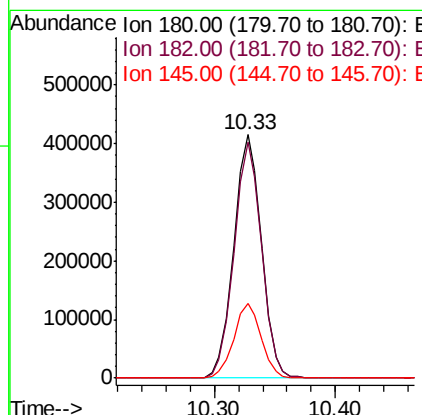
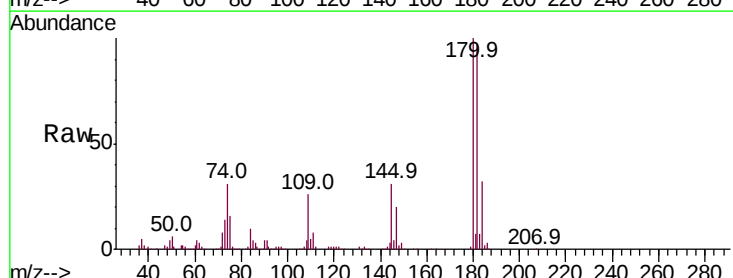
Instrument :
BNA_M
ClientSampleId :

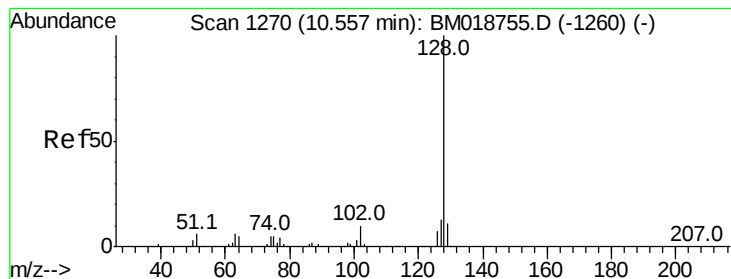
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.1	84.1
98	40.0	19.4	59.4



#30
1,2,4-Trichlorobenzene
Concen: 33.037 ng
RT: 10.33 min Scan# 1231
Delta R.T. -0.04 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.7	75.0	112.6
145	30.8	24.1	36.1

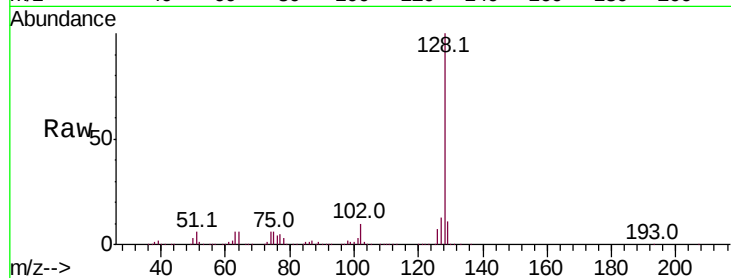




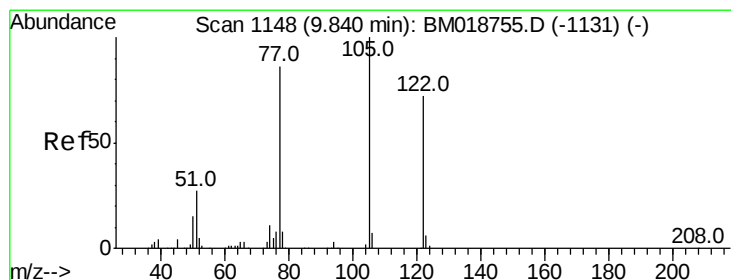
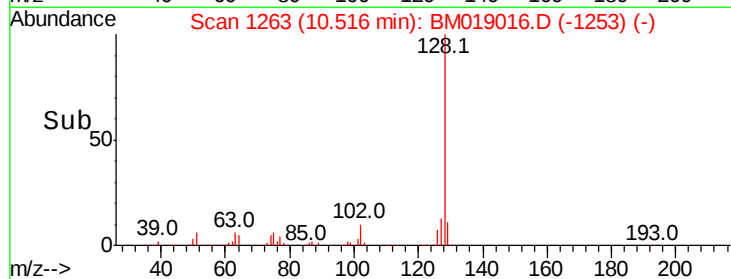
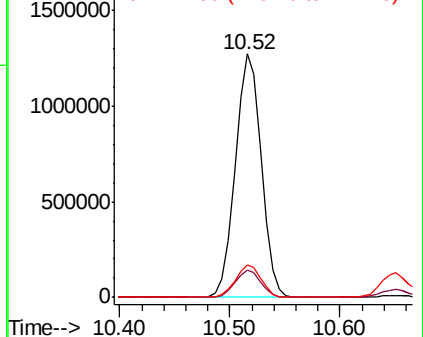
#31
Naphthalene
Concen: 37.135 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.04 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 2102197
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.2 10.7 16.1

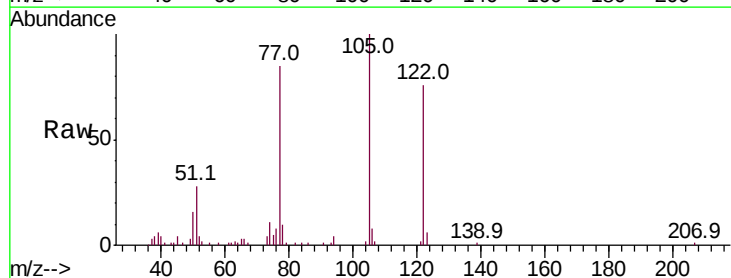


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

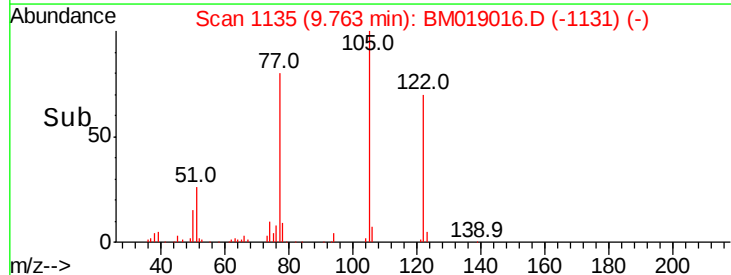
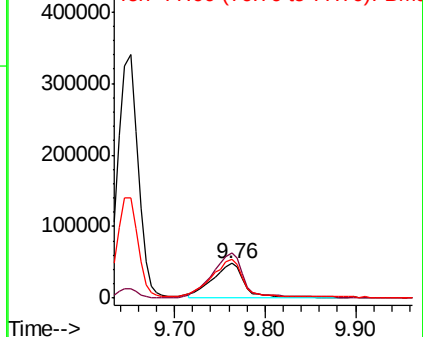


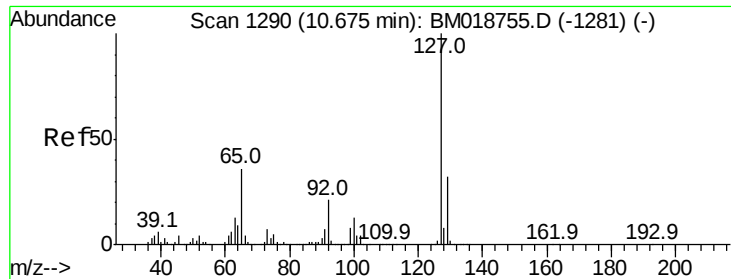
#32
Benzoic acid
Concen: 8.412 ng
RT: 9.76 min Scan# 1135
Delta R.T. -0.08 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Tgt Ion:122 Resp: 111212
Ion Ratio Lower Upper
122 100
105 131.6 117.5 157.5
77 112.5 98.5 138.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

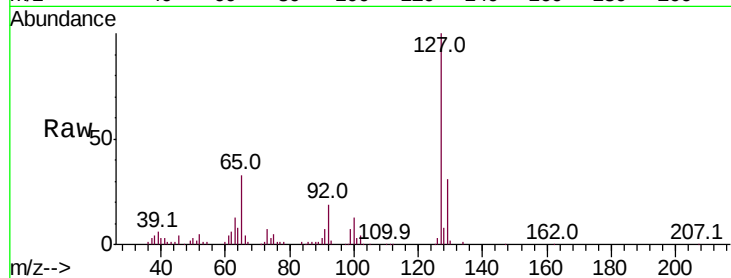




#33
4-Chloroaniline
Concen: 9.704 ng
RT: 10.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	245560
Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.7	38.5
65	32.7	28.7	43.1
92	19.4	17.0	25.4



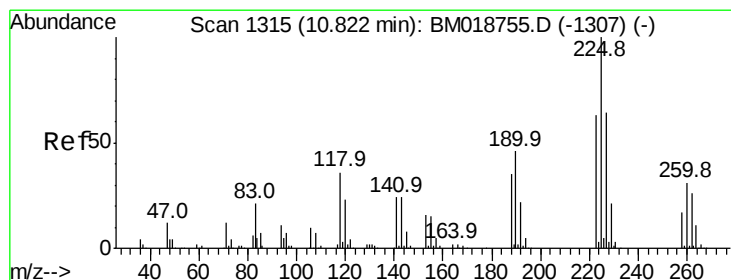
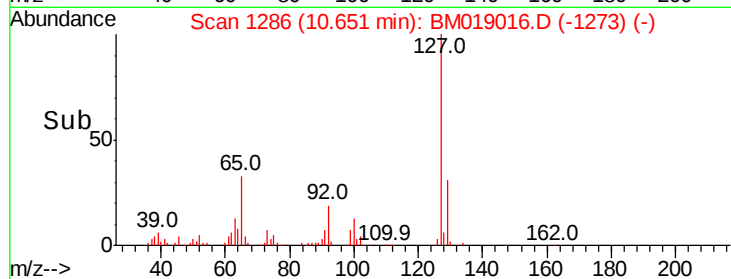
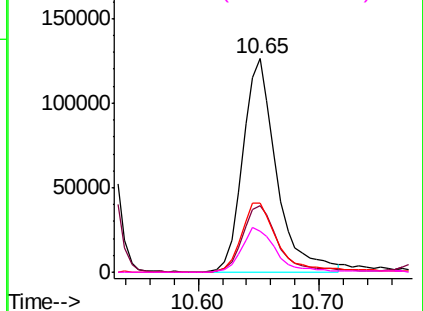
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

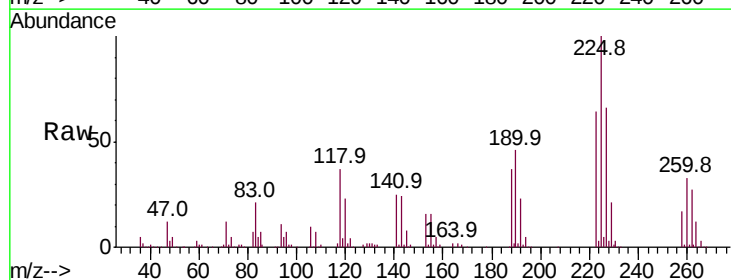
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 29.677 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Tgt Ion:	225	Resp:	346193
Ion	Ratio	Lower	Upper
225	100		
223	63.9	50.1	75.1
227	65.7	51.4	77.0

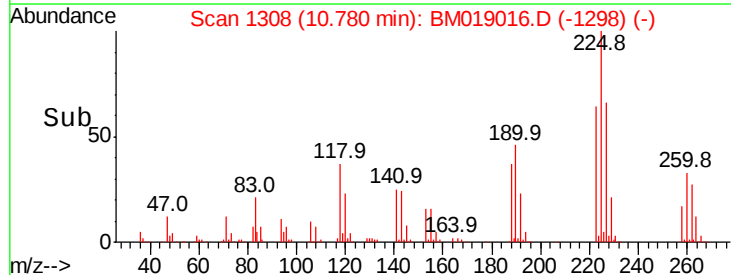
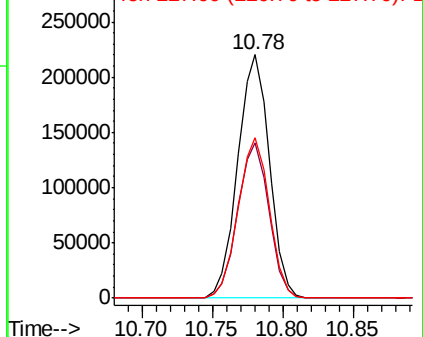


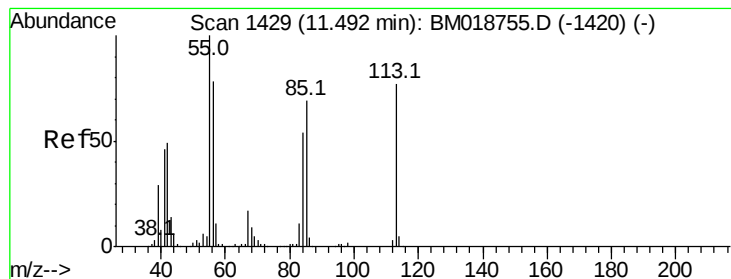
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 3.599 ng

RT: 11.47 min Scan# 1426

Delta R.T. -0.02 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampled :

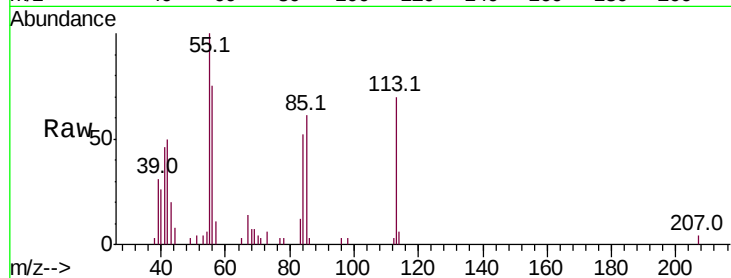
Tot Ion:113 Resp: 25558

Ion Ratio Lower Upper

113 100

55 141.9 110.7 150.7

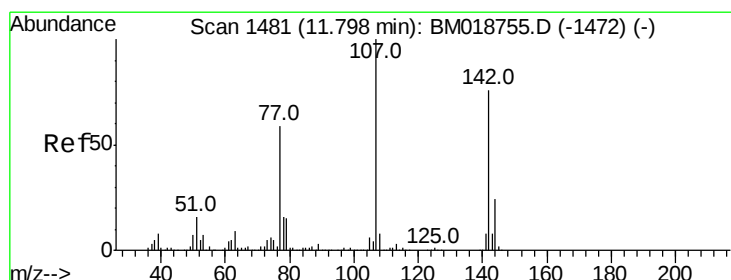
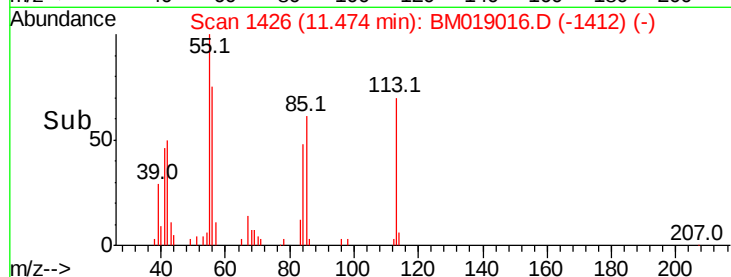
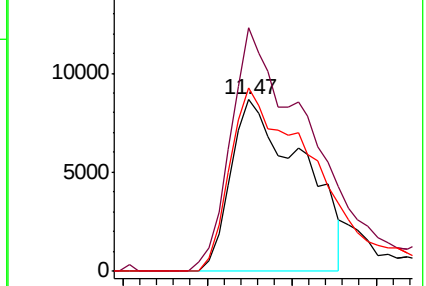
56 107.0 82.4 122.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 29.395 ng

RT: 11.77 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

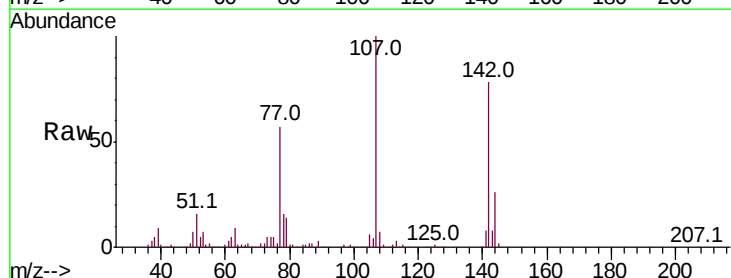
Tgt Ion:107 Resp: 616759

Ion Ratio Lower Upper

107 100

144 25.7 19.3 28.9

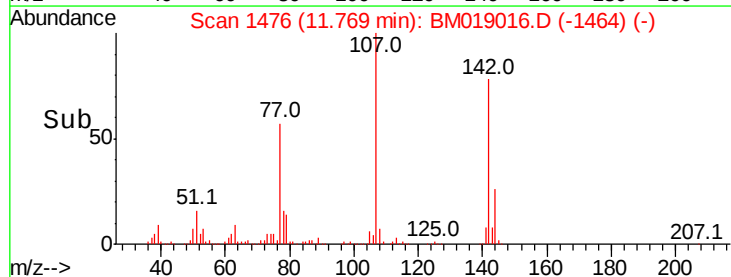
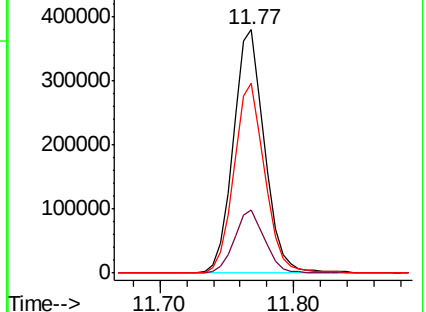
142 77.8 60.5 90.7

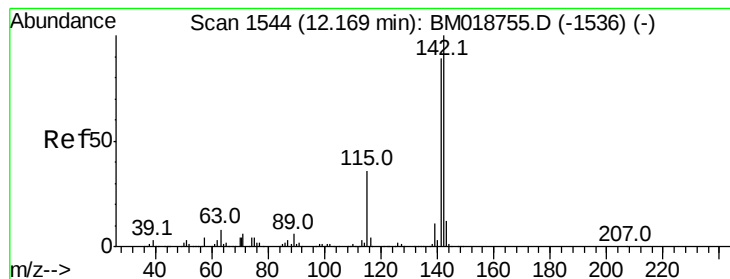


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 39.900 ng

RT: 12.13 min Scan# 1538

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampled :

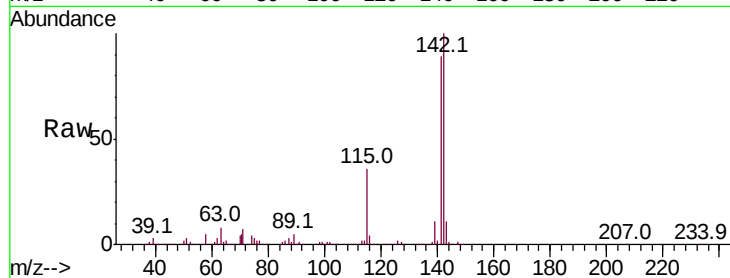
Tot Ion:142 Resp: 1590247

Ion Ratio Lower Upper

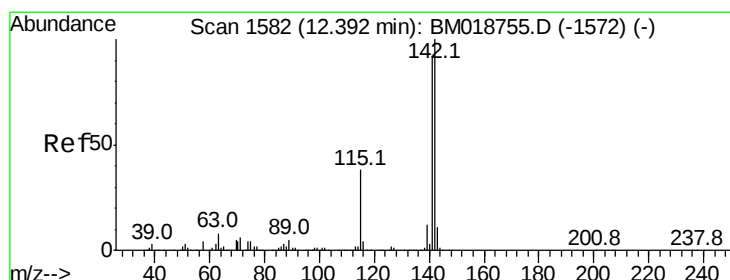
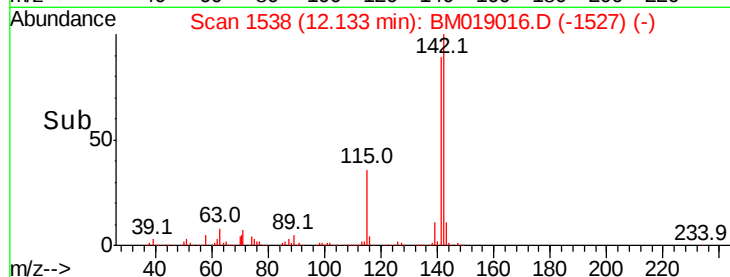
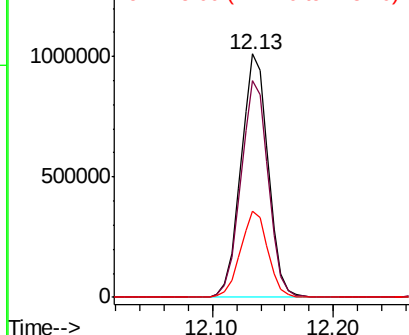
142 100

141 89.0 71.2 106.8

115 35.5 29.1 43.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 39.044 ng

RT: 12.36 min Scan# 1576

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

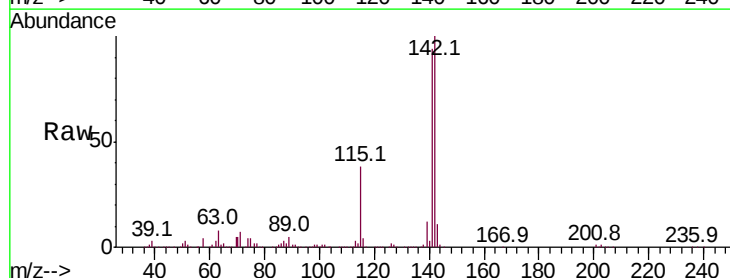
Tgt Ion:142 Resp: 1521734

Ion Ratio Lower Upper

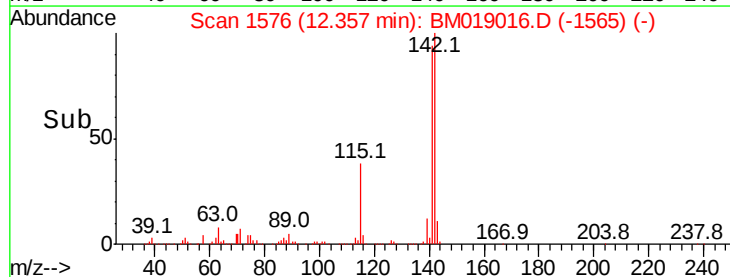
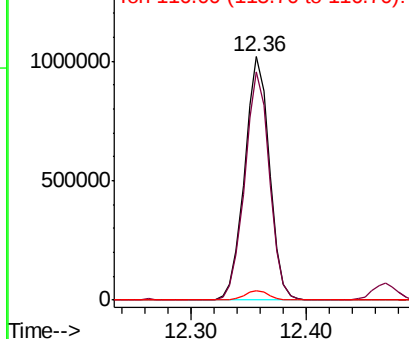
142 100

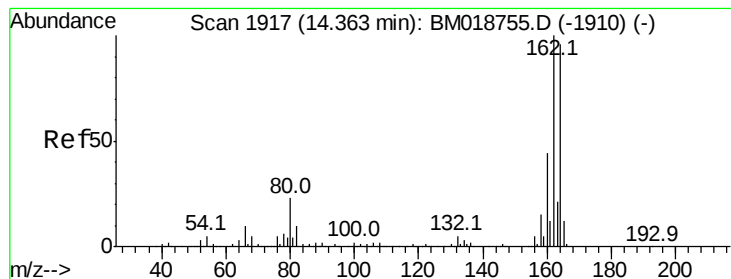
141 93.7 73.9 110.9

116 3.9 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.33 min Scan# 1912

Delta R.T. -0.03 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

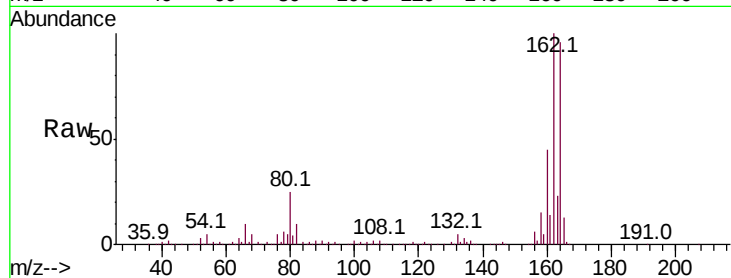
Tot Ion:164 Resp: 670558

Ion Ratio Lower Upper

164 100

162 103.7 83.4 125.0

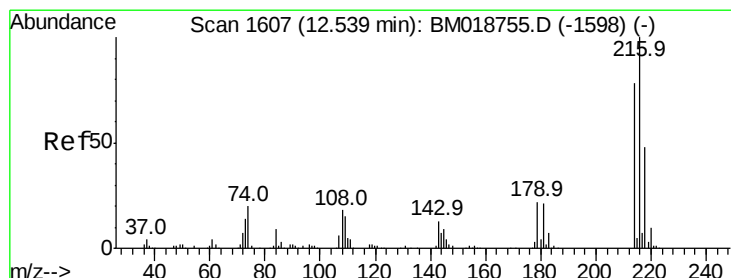
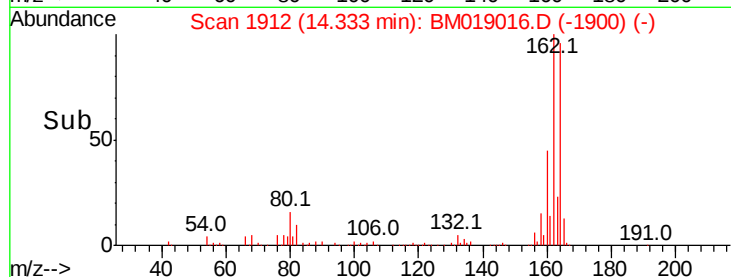
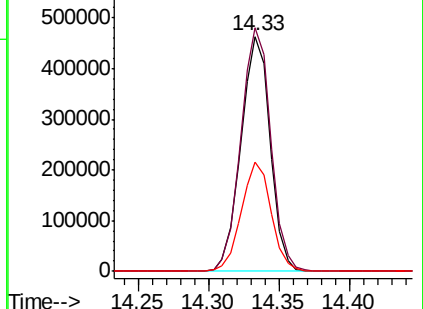
160 46.4 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 35.261 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Tgt Ion:216 Resp: 756367

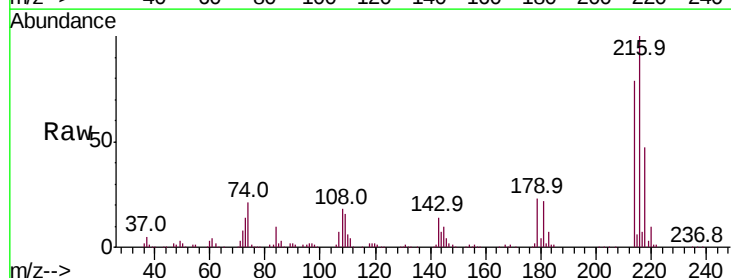
Ion Ratio Lower Upper

216 100

214 78.8 63.2 94.8

179 22.5 17.8 26.8

108 18.2 16.4 24.6

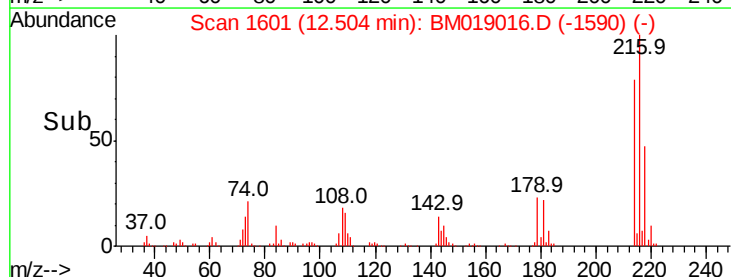
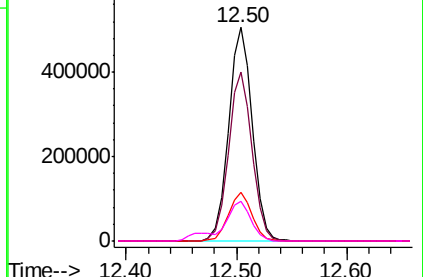


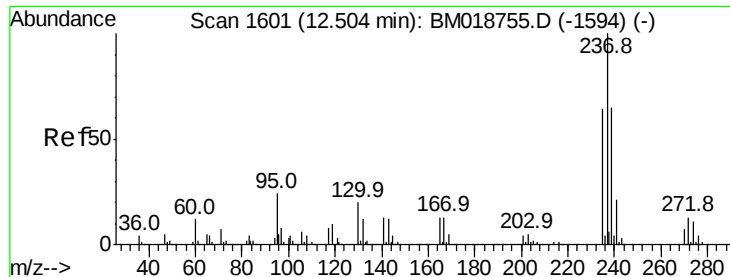
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

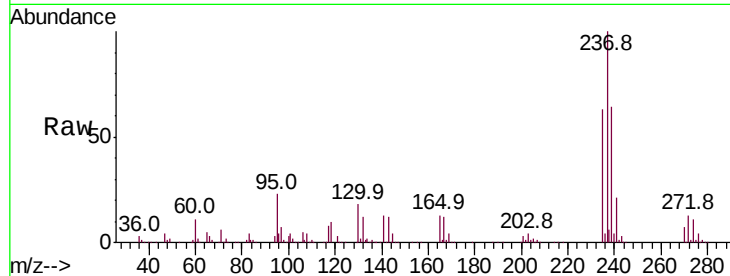




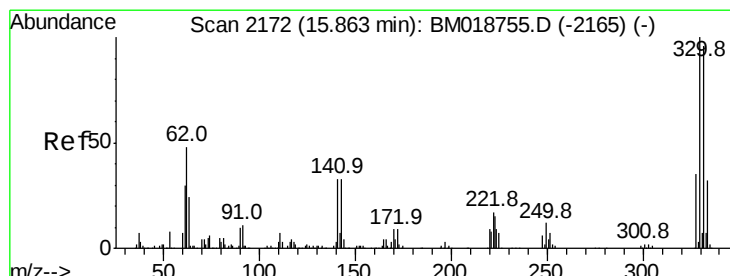
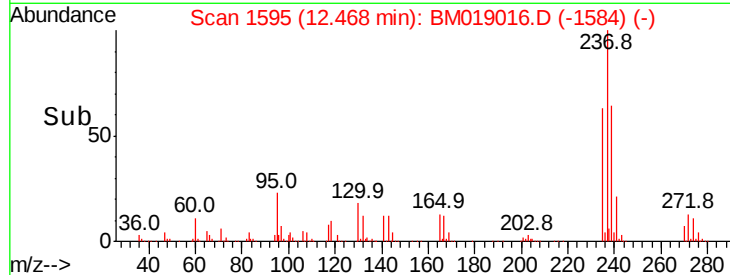
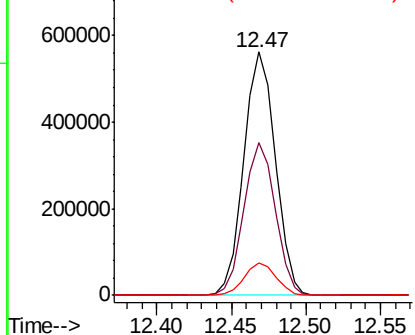
#41
Hexachlorocyclopentadiene
Concen: 75.062 ng
RT: 12.47 min Scan# 1595
Delta R.T. -0.04 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion:237 Resp: 823212
Ion Ratio Lower Upper
237 100
235 62.8 43.7 83.7
272 13.2 0.0 33.3

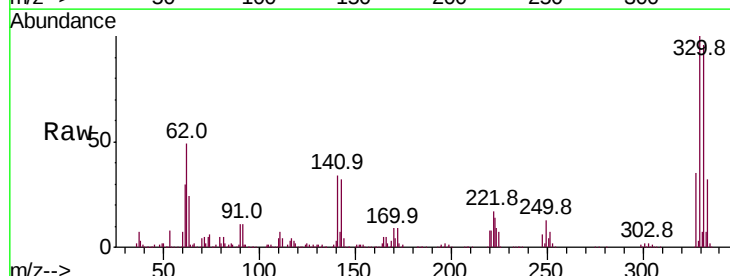


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

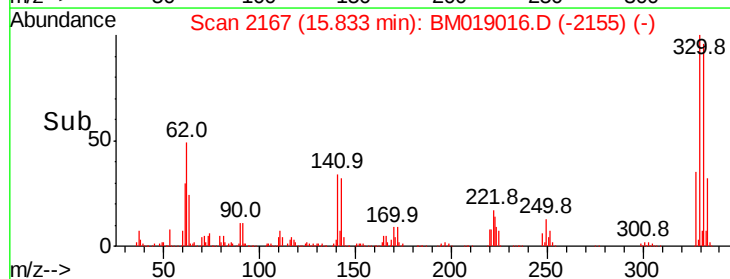
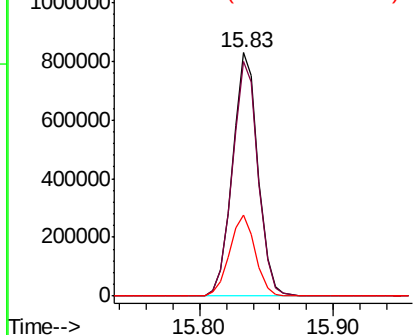


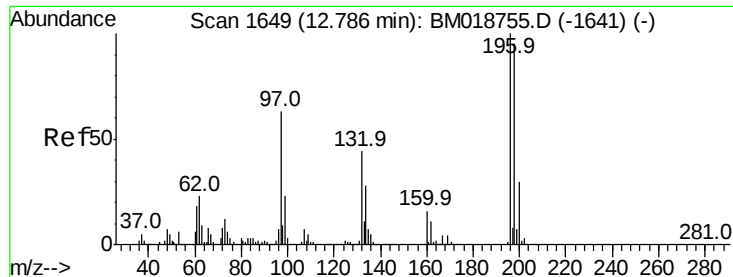
#42
2,4,6-Tribromophenol
Concen: 114.462 ng
RT: 15.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Tgt Ion:330 Resp: 1106384
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 33.8 28.7 43.1



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

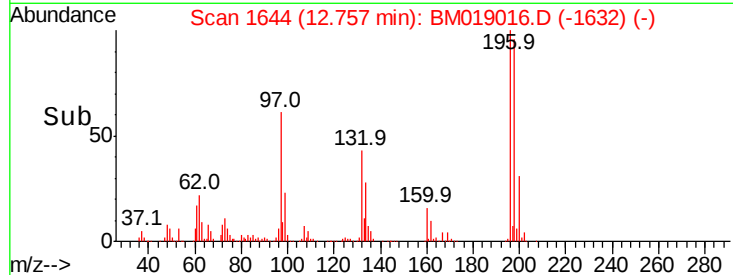
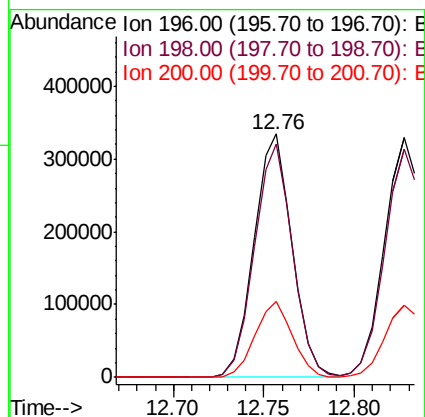
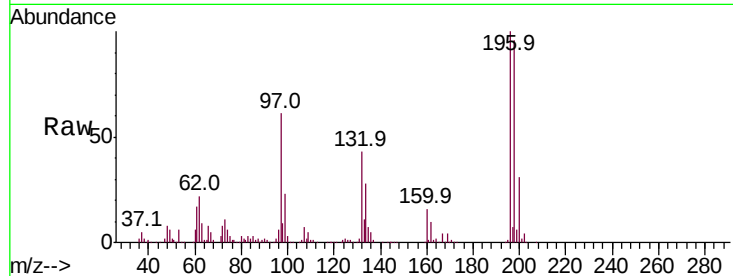




#43
 2,4,6-Trichlorophenol
 Concen: 34.249 ng
 RT: 12.76 min Scan# 1644
 Delta R.T. -0.03 min
 Lab File: BM019016.D
 Acq: 04 Mar 2019 19:05

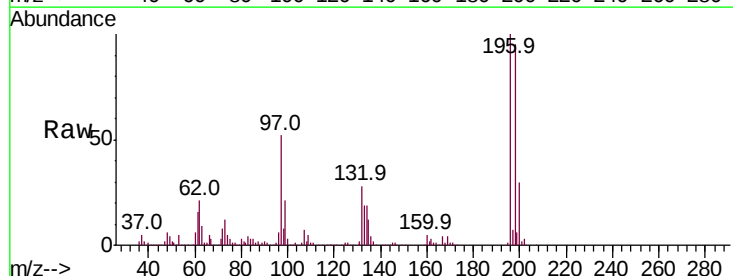
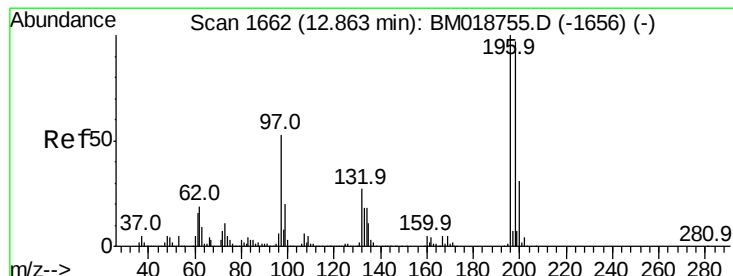
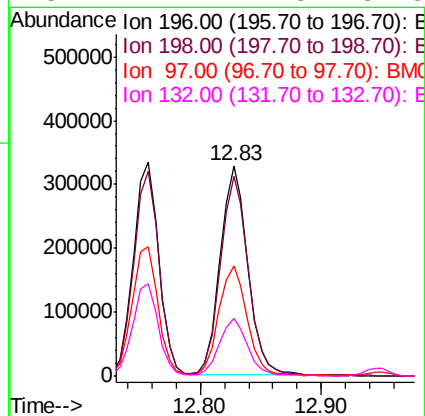
Instrument :
 BNA_M
 ClientSampled :

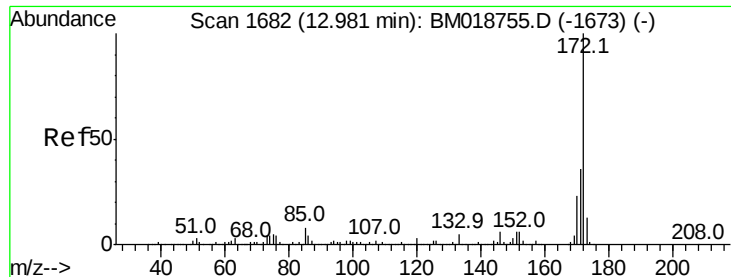
Tot Ion:196 Resp: 486348
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.2 114.2
 200 31.0 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 34.810 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.04 min
 Lab File: BM019016.D
 Acq: 04 Mar 2019 19:05

Tgt Ion:196 Resp: 518102
 Ion Ratio Lower Upper
 196 100
 198 95.2 77.6 116.4
 97 52.3 42.8 64.2
 132 27.7 21.8 32.8

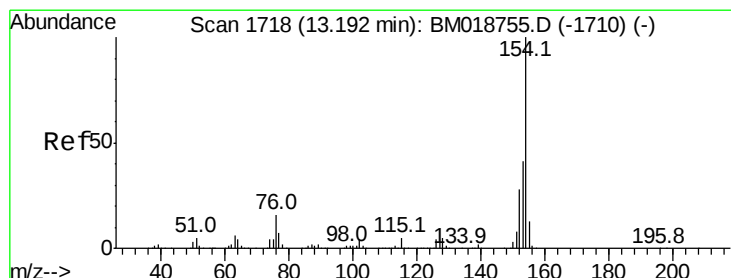
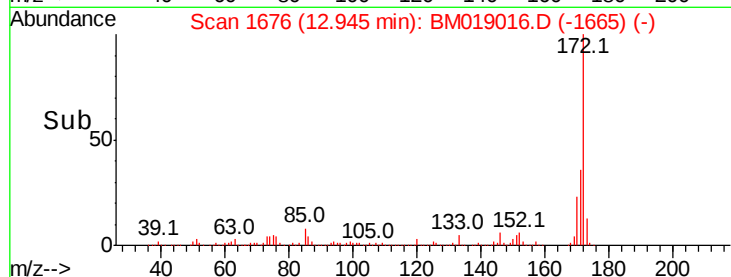
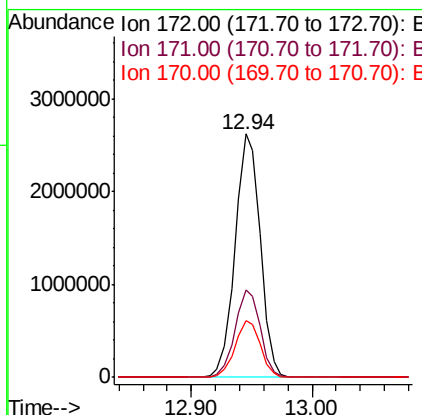
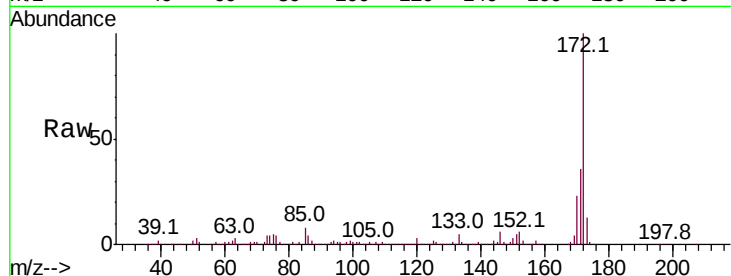




#45
2-Fluorobiphenyl
Concen: 75.364 ng
RT: 12.94 min Scan# 1676
Delta R.T. -0.04 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

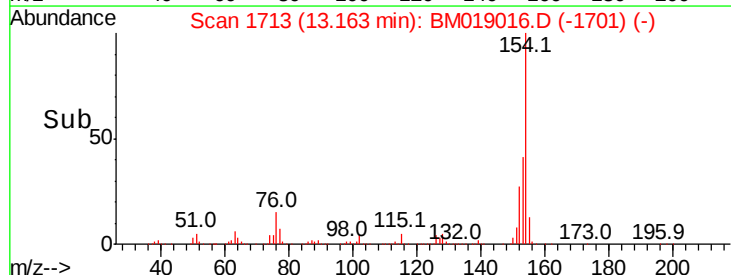
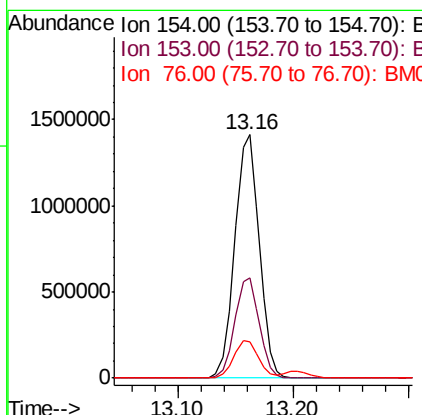
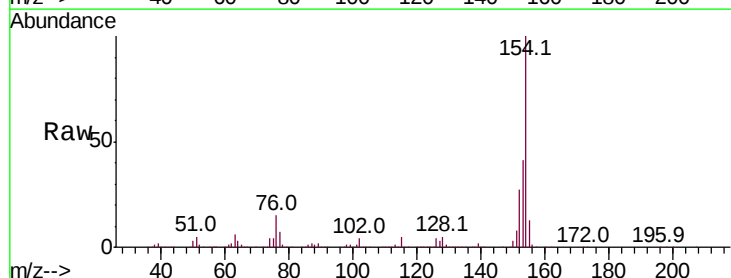
Instrument :
BNA_M
ClientSampleId :

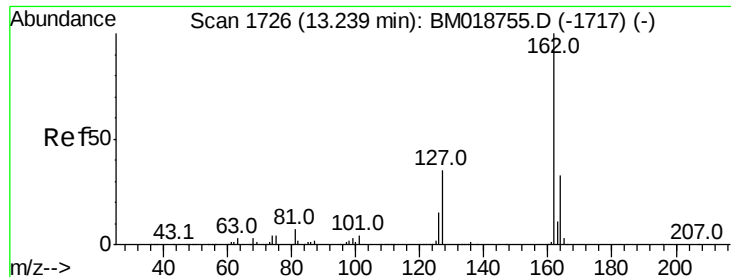
Tot Ion:172 Resp: 3806943
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 35.832 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Tgt Ion:154 Resp: 2068207
Ion Ratio Lower Upper
154 100
153 41.2 21.1 61.1
76 15.0 0.0 35.7





#47

2-Chloronaphthalene

Concen: 36.051 ng

RT: 13.20 min Scan# 1720

Delta R.T. -0.04 min

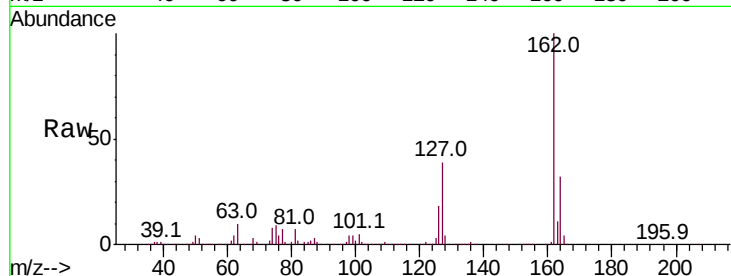
Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion:162 Resp: 1607225

Ion	Ratio	Lower	Upper
162	100		
127	38.9	31.1	46.7
164	32.2	26.4	39.6

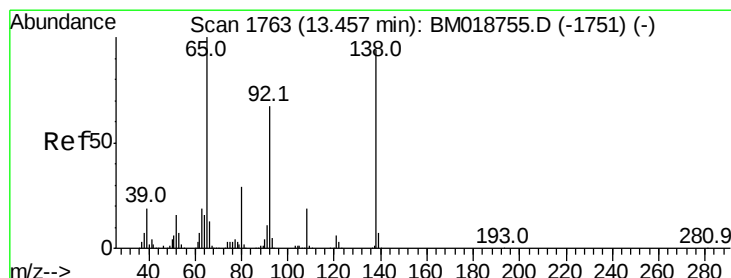
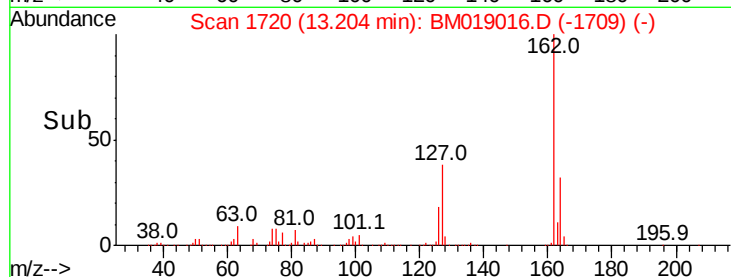
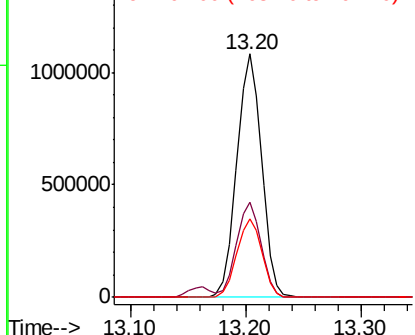


Abundance

Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.079 ng

RT: 13.43 min Scan# 1758

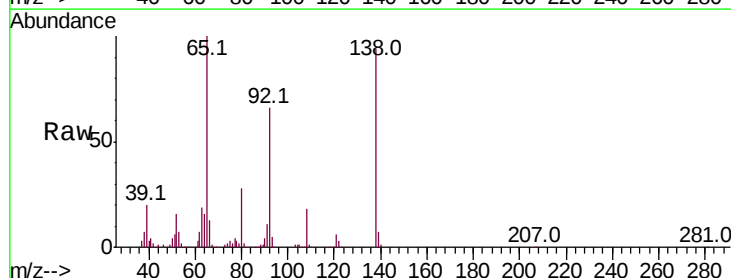
Delta R.T. -0.03 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Tgt Ion: 65 Resp: 563827

Ion	Ratio	Lower	Upper
65	100		
92	65.7	54.0	81.0
138	93.5	74.9	112.3

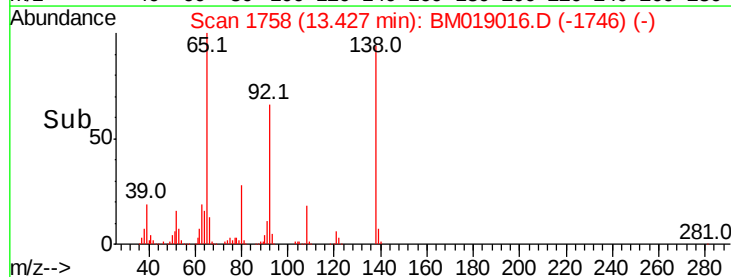
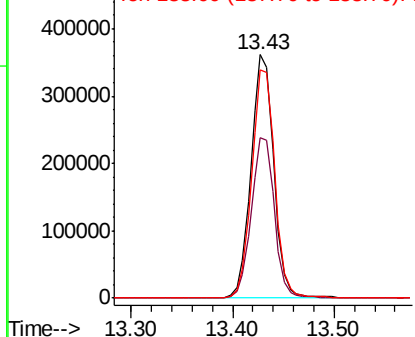


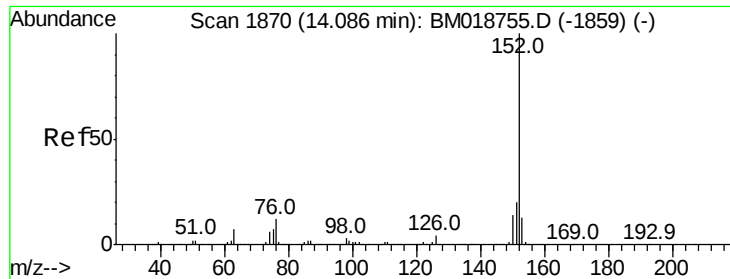
Abundance

Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.880 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.03 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

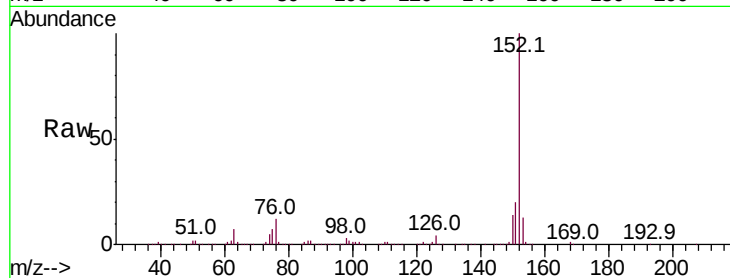
Tot Ion:152 Resp: 2647383

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

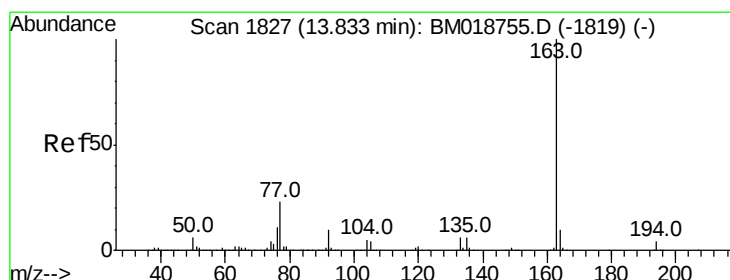
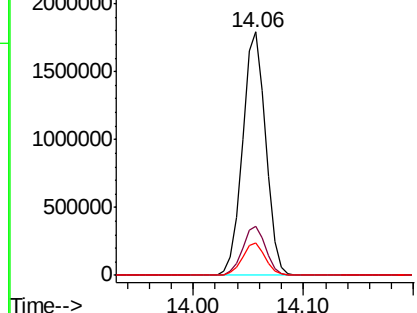
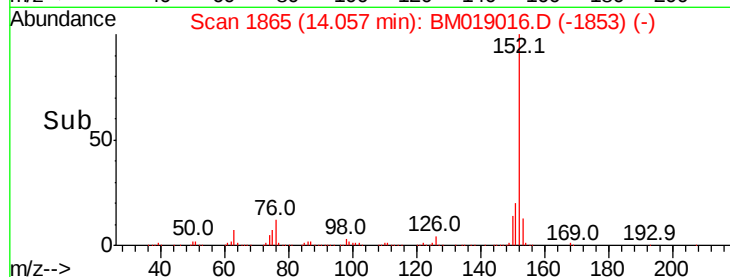
153 13.1 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 49.969 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

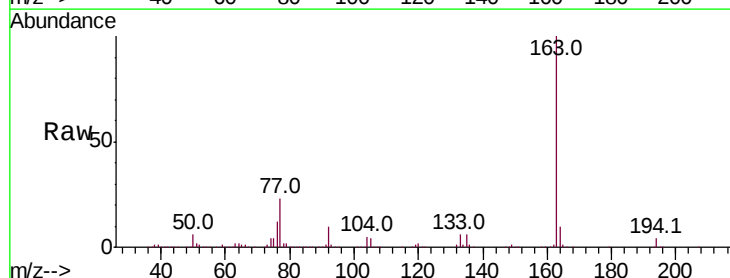
Tgt Ion:163 Resp: 2792455

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

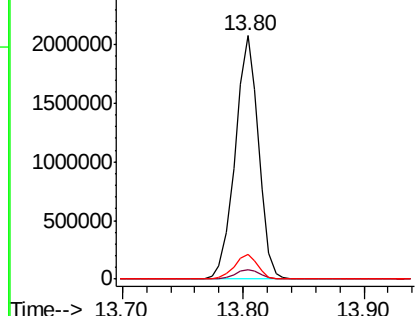
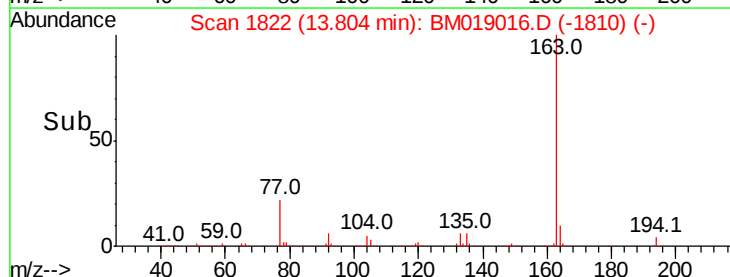
164 10.0 7.8 11.8

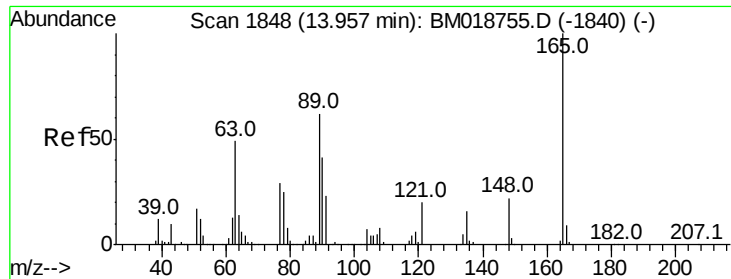


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

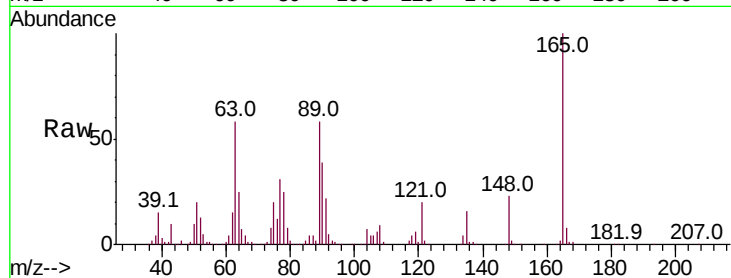




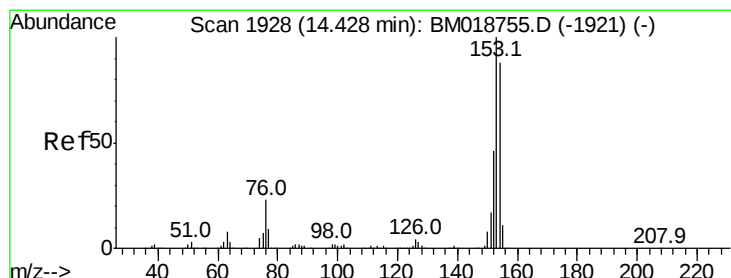
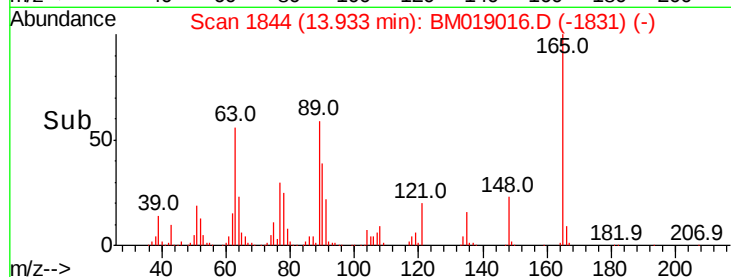
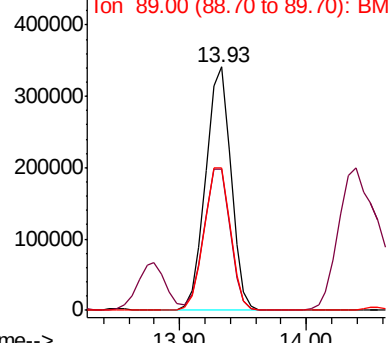
#51
2,6-Dinitrotoluene
Concen: 38.740 ng
RT: 13.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Instrument :
BNA_M
ClientSampleId :

Tot Ion:165 Resp: 468979
Ion Ratio Lower Upper
165 100
63 57.8 48.9 73.3
89 58.3 49.4 74.0

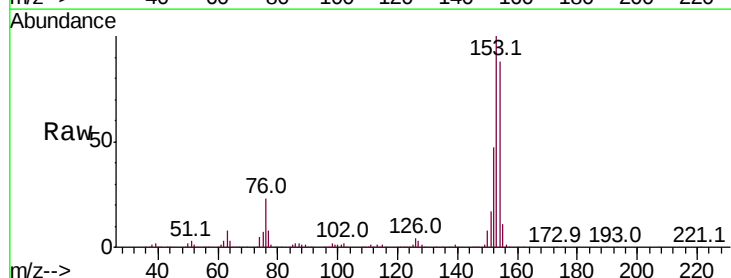


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0

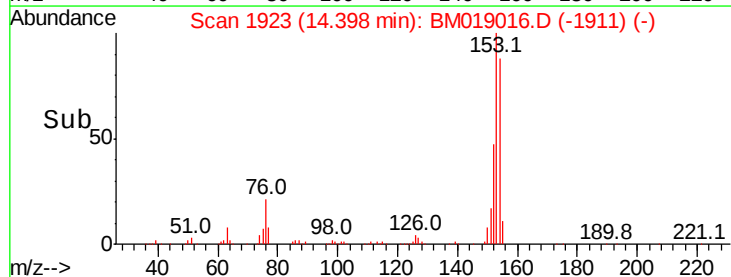
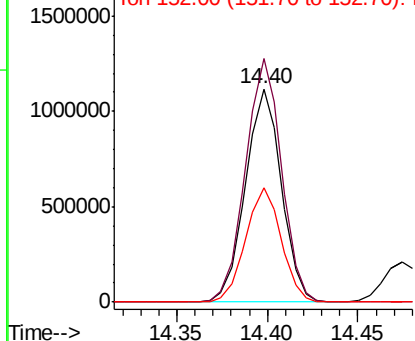


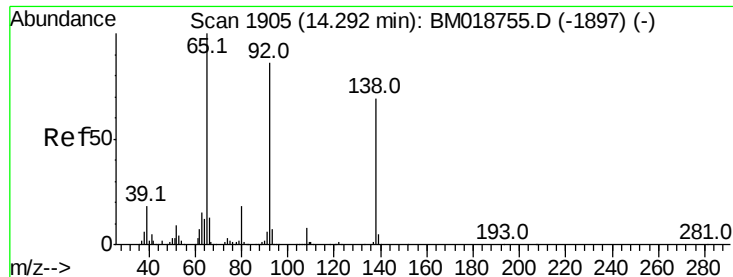
#52
Acenaphthene
Concen: 37.805 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Tgt Ion:154 Resp: 1538843
Ion Ratio Lower Upper
154 100
153 114.1 91.3 136.9
152 53.4 42.2 63.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

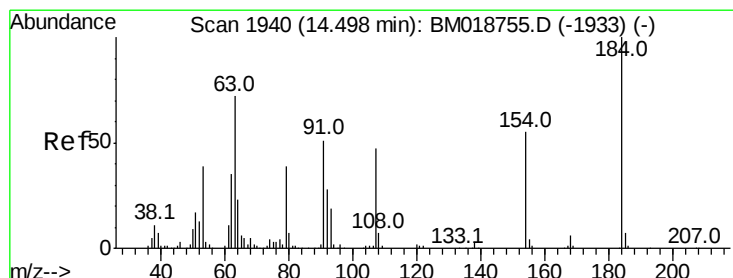
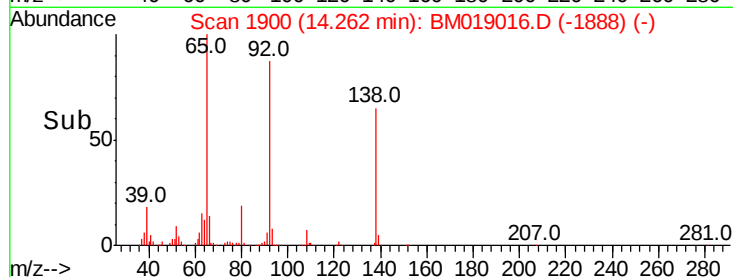
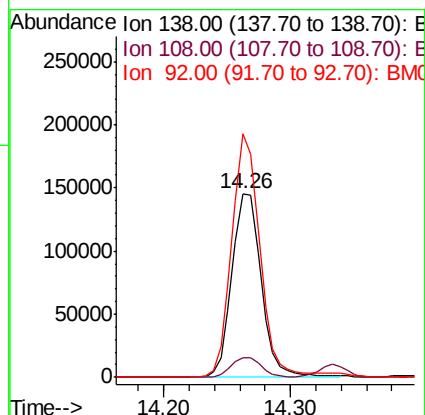
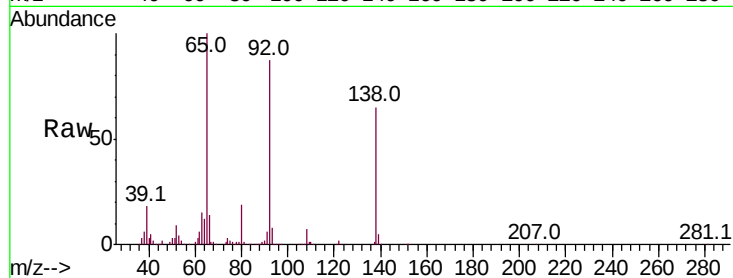




#53
3-Nitroaniline
Concen: 17.059 ng
RT: 14.26 min Scan# 1900
Delta R.T. -0.03 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

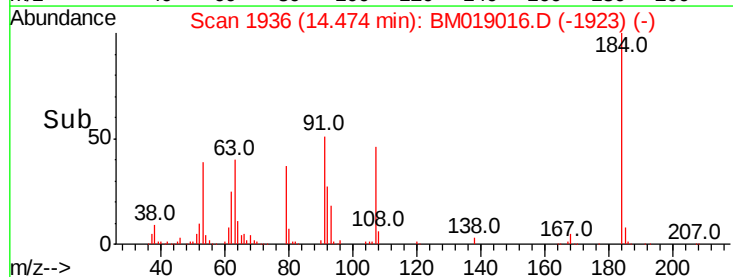
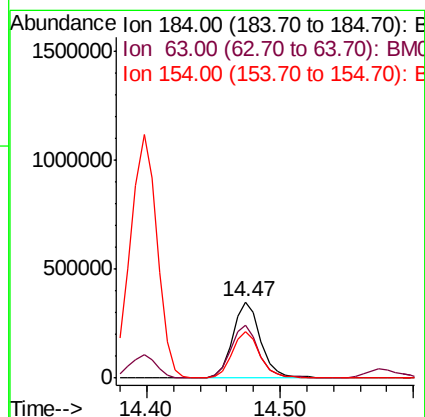
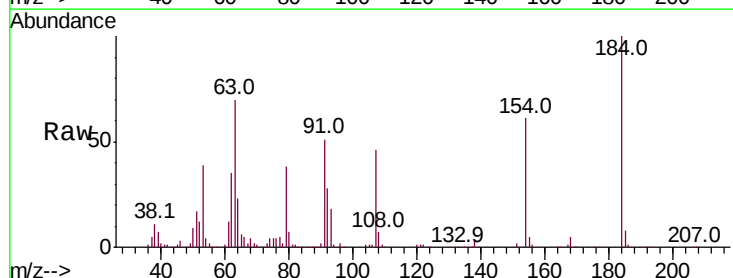
Instrument :
BNA_M
ClientSampleId :

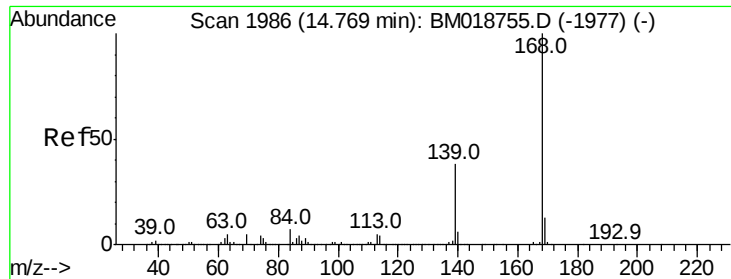
Tot Ion:138 Resp: 233334
Ion Ratio Lower Upper
138 100
108 10.9 9.1 13.7
92 132.4 99.7 149.5



#54
2,4-Dinitrophenol
Concen: 67.650 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Tgt Ion:184 Resp: 512288
Ion Ratio Lower Upper
184 100
63 70.2 58.0 87.0
154 60.8 50.3 75.5

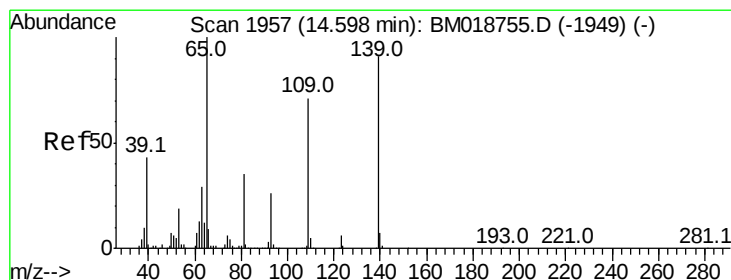
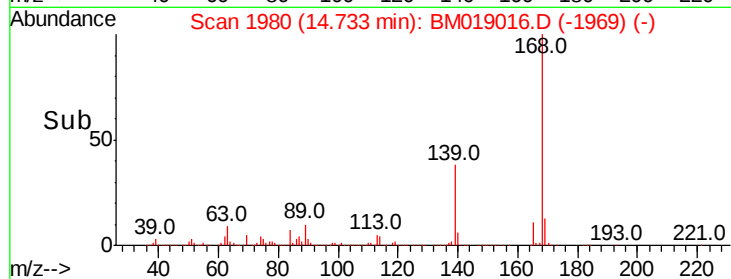
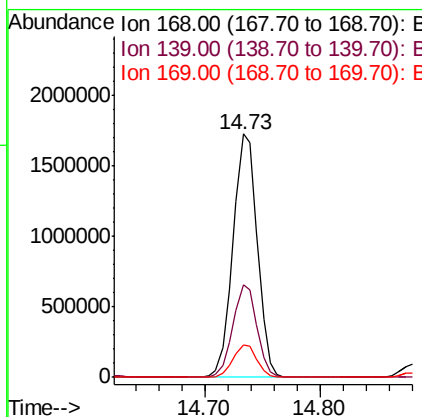
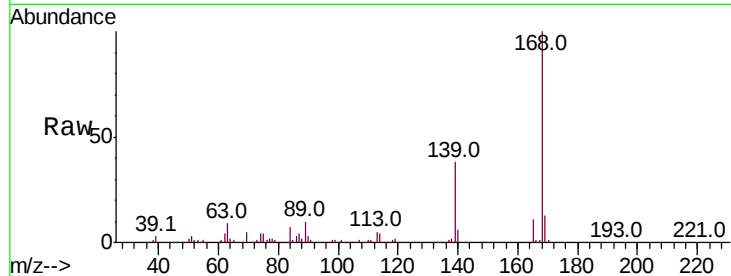




#55
Dibenzofuran
Concen: 37.606 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.04 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

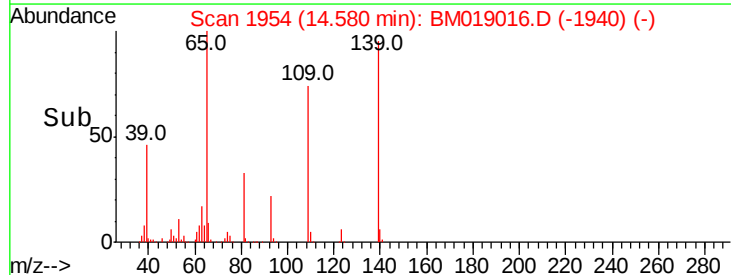
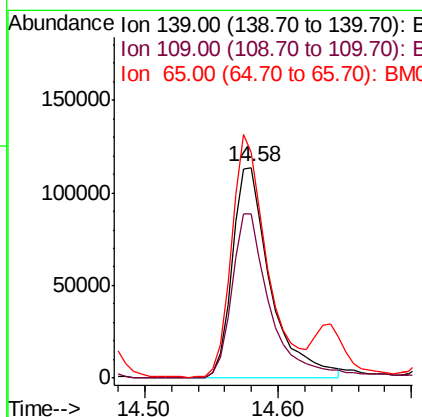
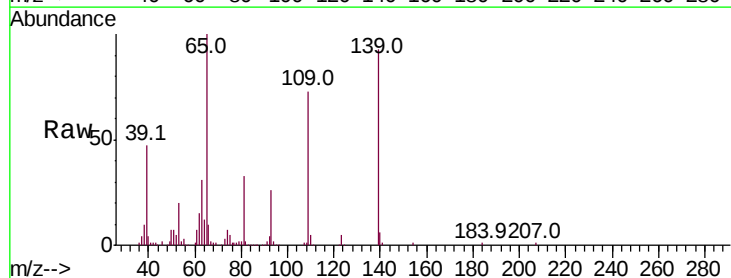
Instrument :
BNA_M
ClientSampleId :

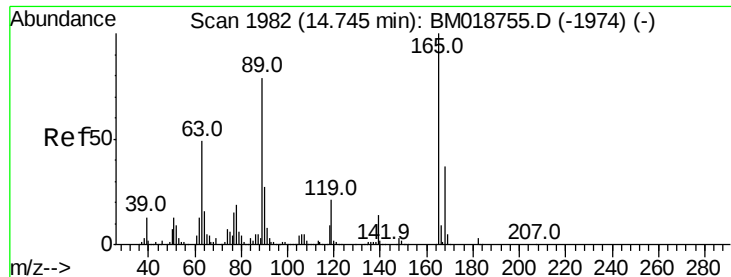
Tot Ion:168 Resp: 2516023
Ion Ratio Lower Upper
168 100
139 38.2 30.7 46.1
169 13.3 10.3 15.5



#56
4-Nitrophenol
Concen: 20.668 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Tgt Ion:139 Resp: 225673
Ion Ratio Lower Upper
139 100
109 78.2 58.4 98.4
65 107.5 89.8 129.8

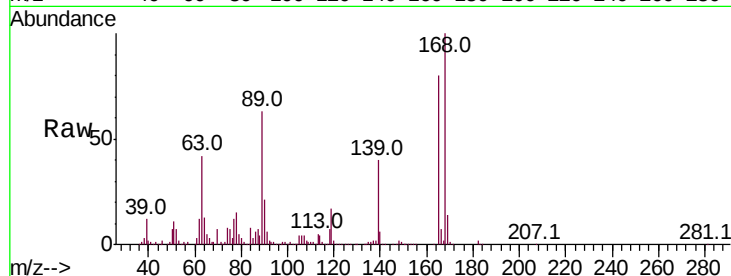




#57
 2,4-Dinitrotoluene
 Concen: 40.464 ng
 RT: 14.72 min Scan# 1978
 Delta R.T. -0.02 min
 Lab File: BM019016.D
 Acq: 04 Mar 2019 19:05

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	53.1	39.6	59.4
89	78.6	63.5	95.3
182	2.9	2.2	3.4



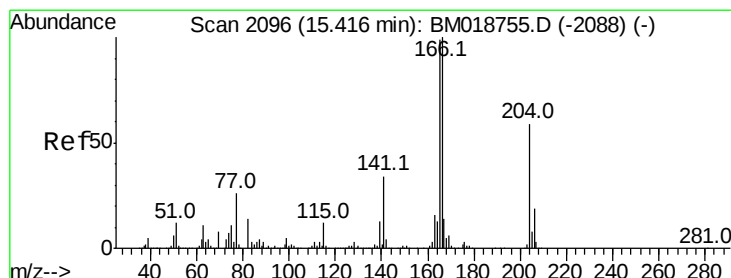
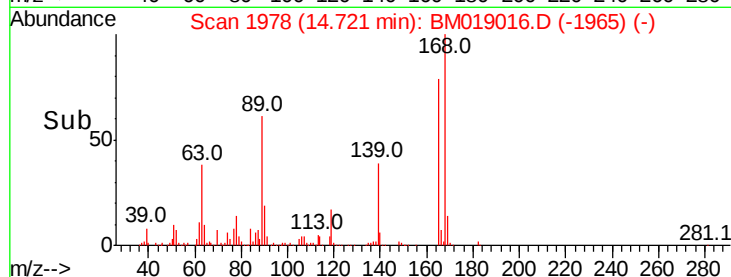
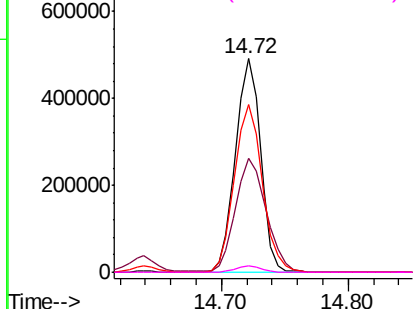
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

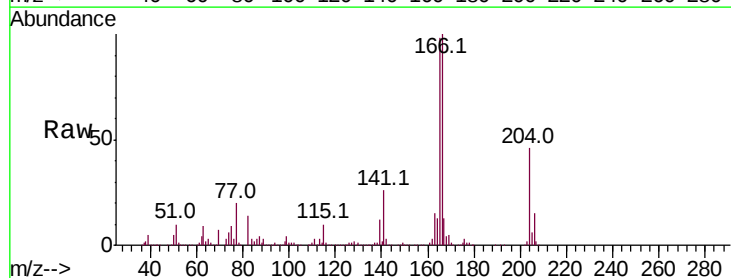
Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E



#58
 Fluorene
 Concen: 40.824 ng
 RT: 15.39 min Scan# 2091
 Delta R.T. -0.03 min
 Lab File: BM019016.D
 Acq: 04 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	79.1	118.7
167	13.3	11.0	16.4

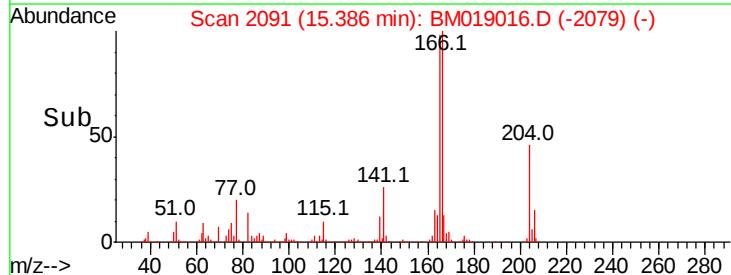
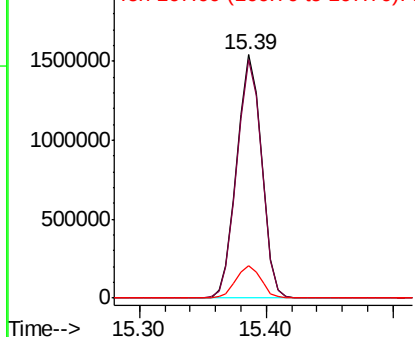


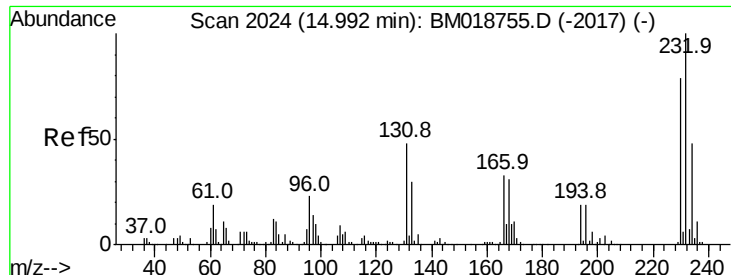
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

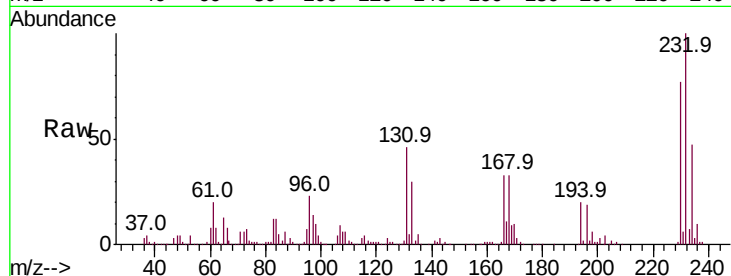




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 35.946 ng
 RT: 14.96 min Scan# 2019
 Delta R.T. -0.03 min
 Lab File: BM019016.D
 Acq: 04 Mar 2019 19:05

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	47.3	38.6	57.8
130	2.5	2.0	3.0
166	33.6	26.9	40.3



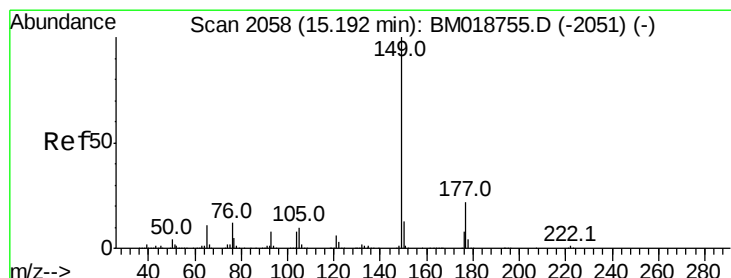
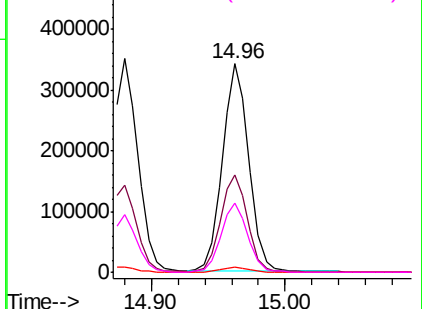
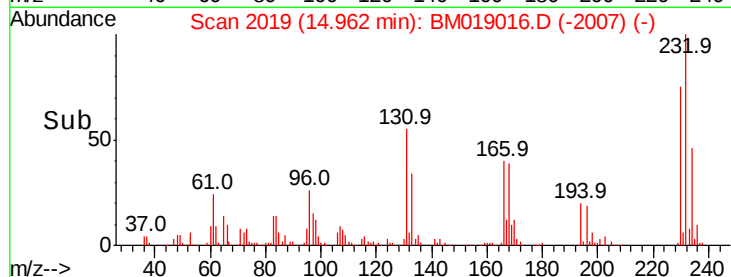
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

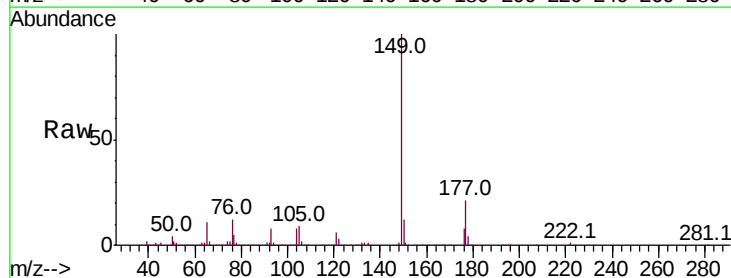
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 37.865 ng
 RT: 15.16 min Scan# 2053
 Delta R.T. -0.03 min
 Lab File: BM019016.D
 Acq: 04 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.4	17.2	25.8
150	12.5	10.2	15.2

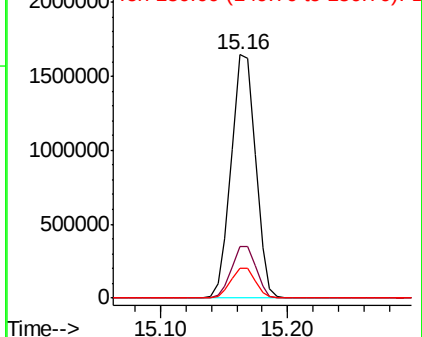
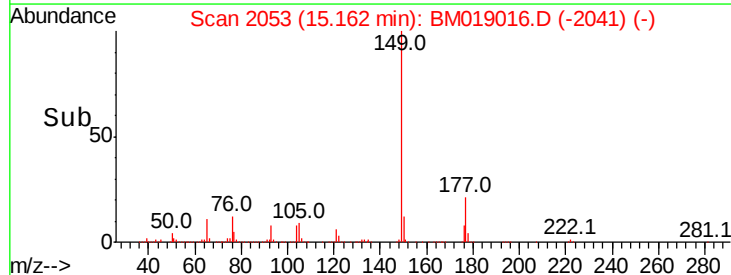


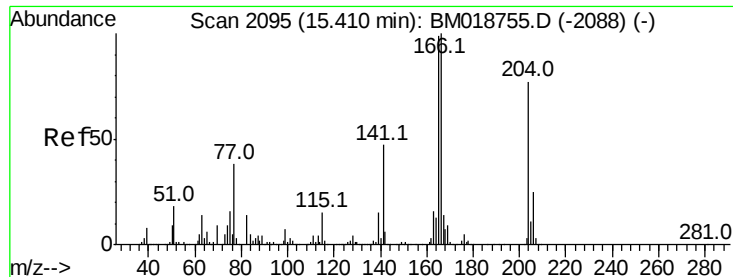
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

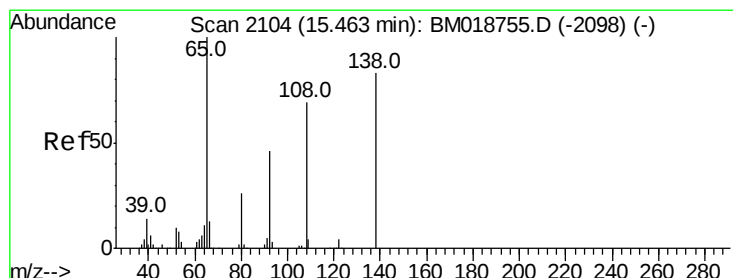
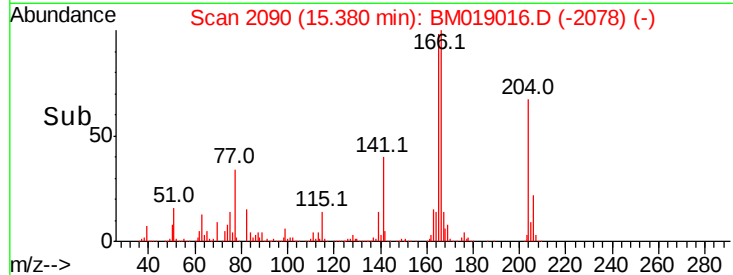
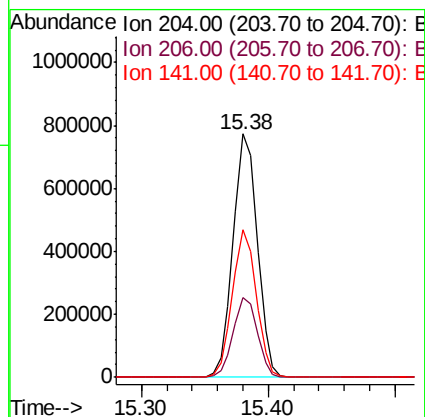
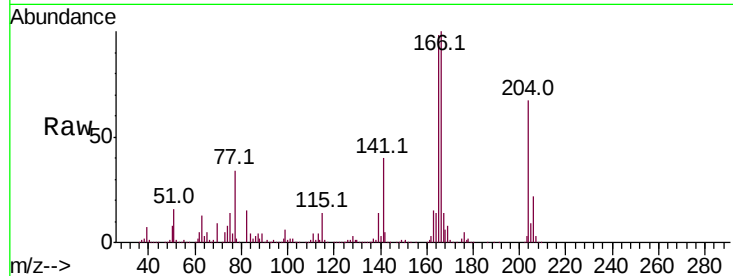




#61
4-Chlorophenyl-phenylether
Concen: 35.559 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.03 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

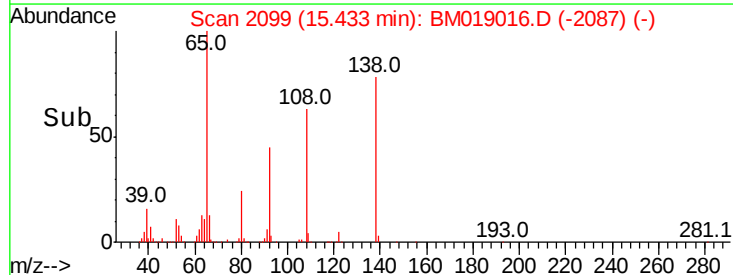
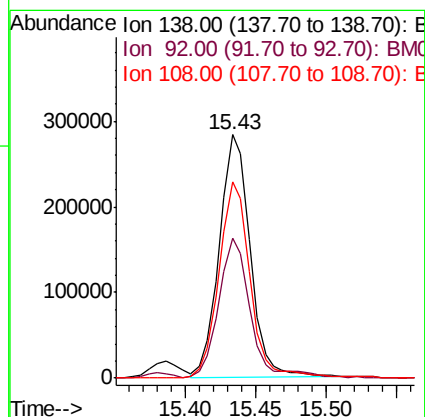
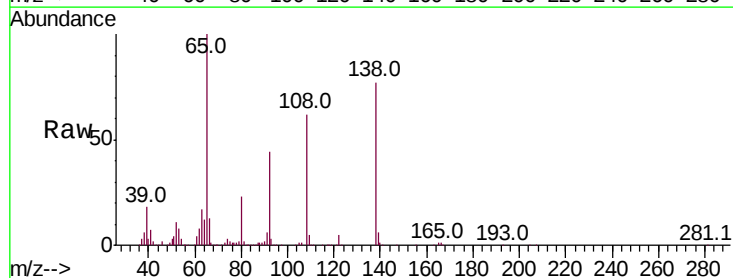
Instrument :
BNA_M
ClientSampleId :

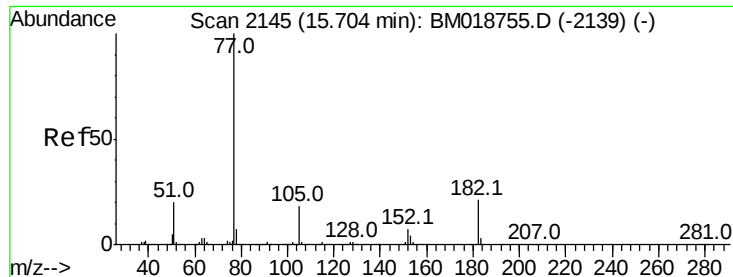
Tot Ion:204 Resp: 1020481
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 60.5 49.2 73.8



#62
4-Nitroaniline
Concen: 31.974 ng
RT: 15.43 min Scan# 2099
Delta R.T. -0.03 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Tgt Ion:138 Resp: 428755
Ion Ratio Lower Upper
138 100
92 57.3 35.5 75.5
108 80.6 62.4 102.4





#63

Azobenzene

Concen: 37.763 ng

RT: 15.67 min Scan# 2140

Delta R.T. -0.03 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2334094

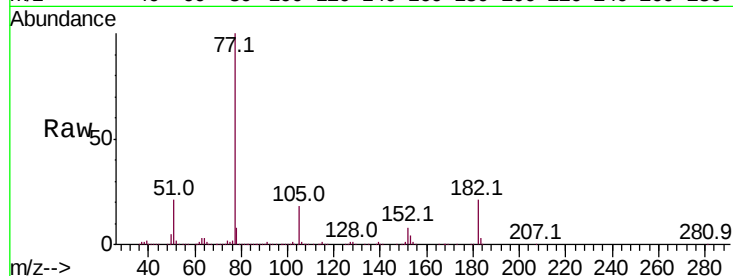
Ion	Ratio	Lower	Upper
77	100		
182	21.3	1.0	41.0
105	18.0	0.0	37.7
51	20.5	0.3	40.3

77 100

182 21.3 1.0 41.0

105 18.0 0.0 37.7

51 20.5 0.3 40.3



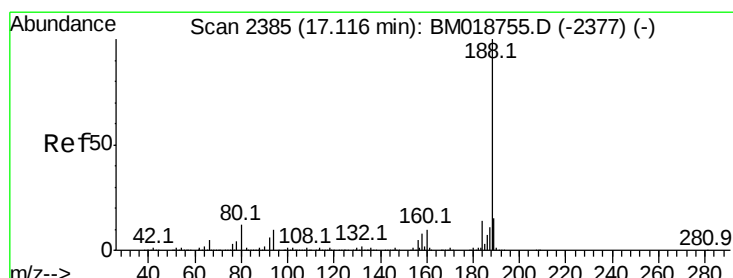
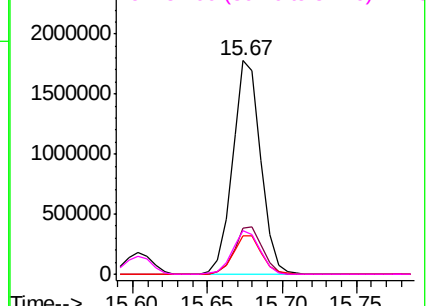
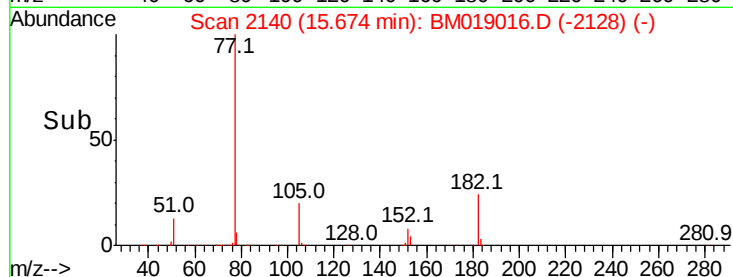
Abundance

Ion 77.00 (76.70 to 77.70): BM018755.D (-2139) (-)

Ion 182.00 (181.70 to 182.70): BM018755.D (-2139) (-)

Ion 105.00 (104.70 to 105.70): BM018755.D (-2139) (-)

Ion 51.00 (50.70 to 51.70): BM018755.D (-2139) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2380

Delta R.T. -0.03 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

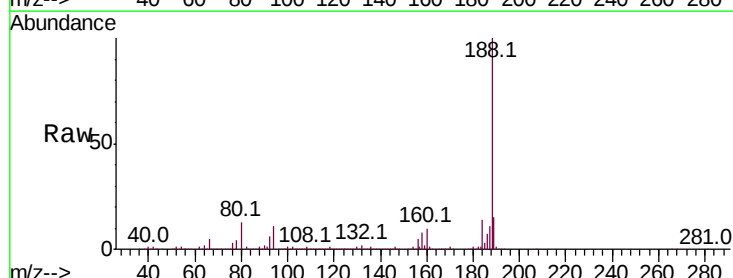
Tgt Ion: 188 Resp: 1517233

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.2
80	12.7	9.7	14.5

188 100

94 10.6 8.2 12.2

80 12.7 9.7 14.5

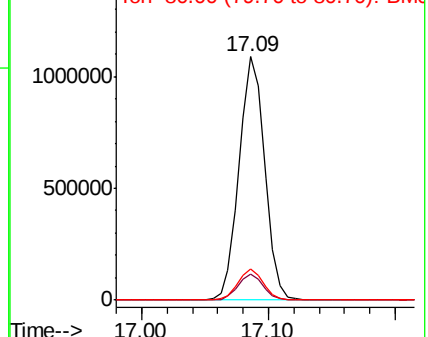
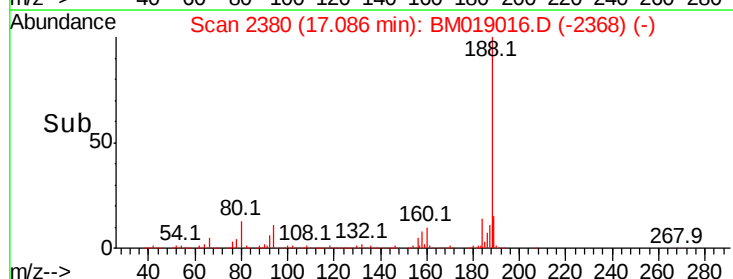


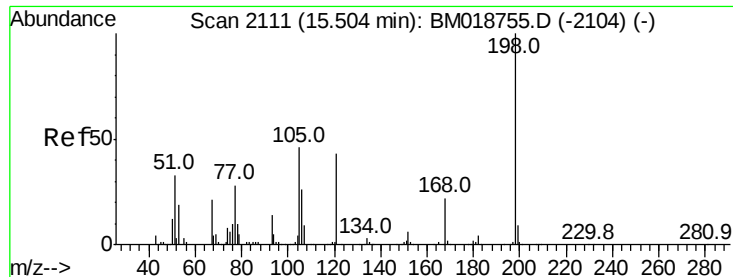
Abundance

Ion 188.00 (187.70 to 188.70): BM018755.D (-2377) (-)

Ion 94.00 (93.70 to 94.70): BM018755.D (-2377) (-)

Ion 80.00 (79.70 to 80.70): BM018755.D (-2377) (-)

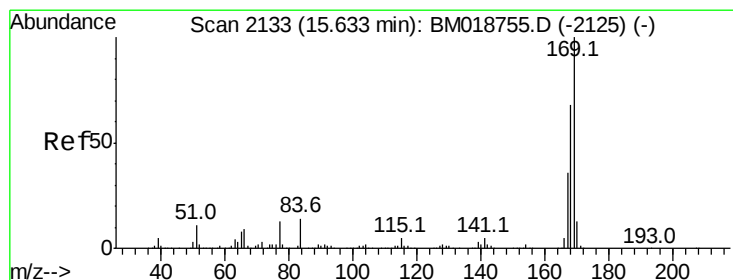
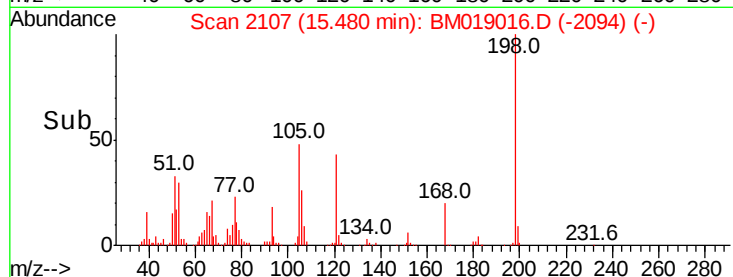
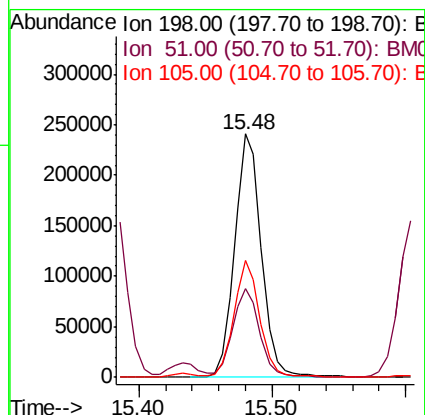
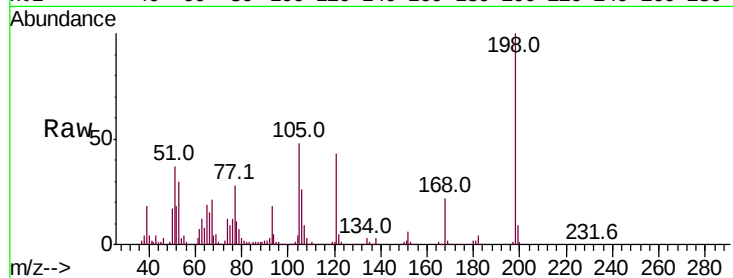




#65
 4,6-Dinitro-2-methylphenol
 Concen: 31.433 ng
 RT: 15.48 min Scan# 2107
 Delta R.T. -0.02 min
 Lab File: BM019016.D
 Acq: 04 Mar 2019 19:05

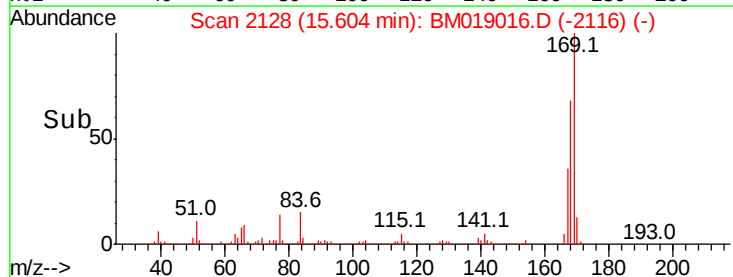
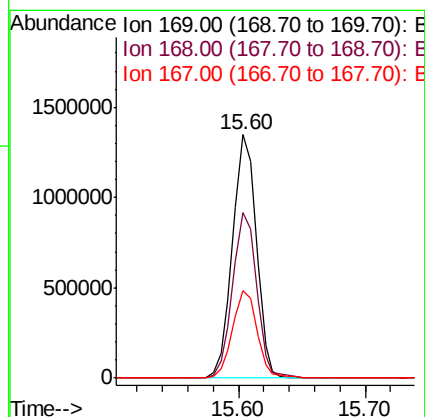
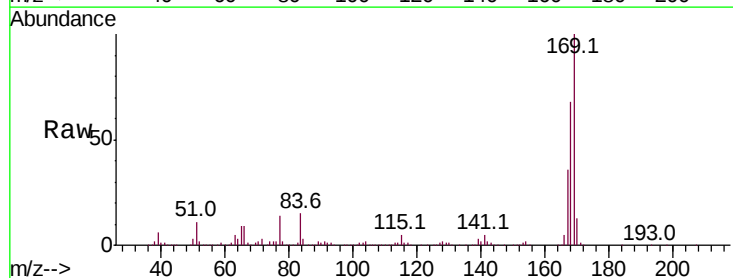
Instrument :
 BNA_M
 ClientSampleId :

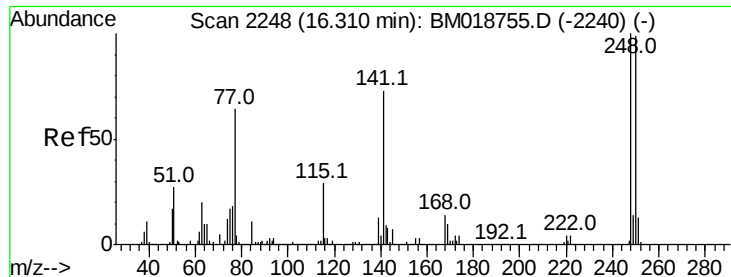
Tot Ion:198 Resp: 334843
 Ion Ratio Lower Upper
 198 100
 51 36.6 18.4 58.4
 105 48.0 27.2 67.2



#66
 n-Nitrosodiphenylamine
 Concen: 36.478 ng
 RT: 15.60 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BM019016.D
 Acq: 04 Mar 2019 19:05

Tgt Ion:169 Resp: 1748605
 Ion Ratio Lower Upper
 169 100
 168 68.2 54.4 81.6
 167 36.1 29.0 43.6

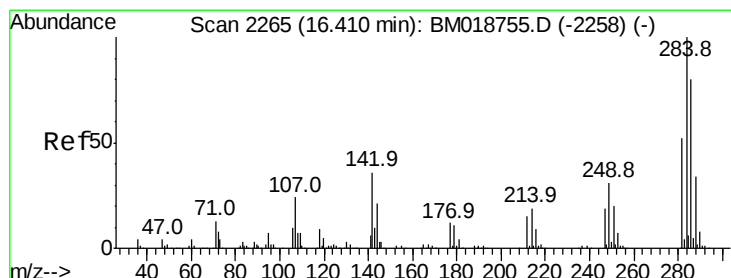
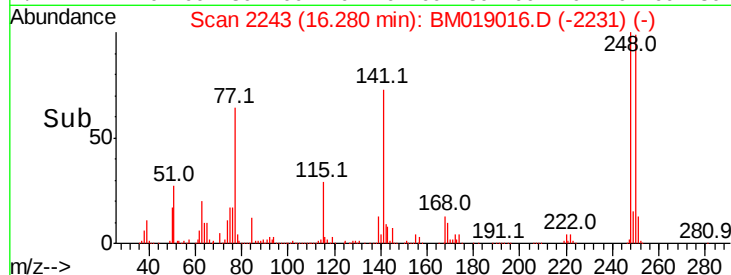
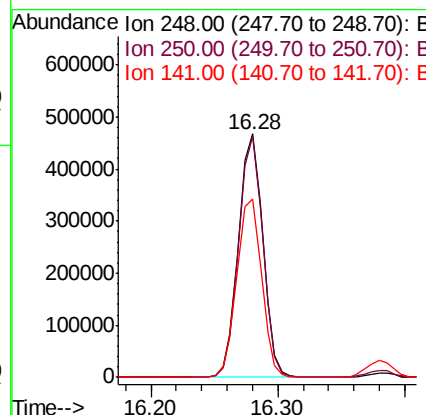
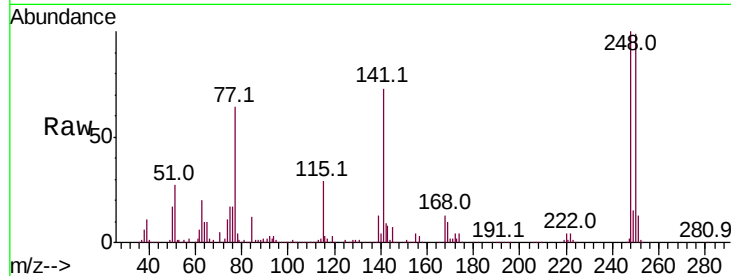




#67
4-Bromophenyl-phenylether
Concen: 36.439 ng
RT: 16.28 min Scan# 2243
Delta R.T. -0.03 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

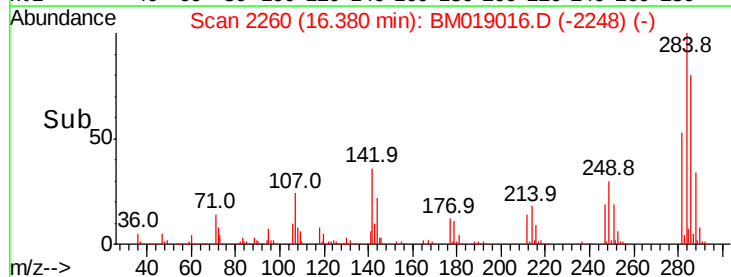
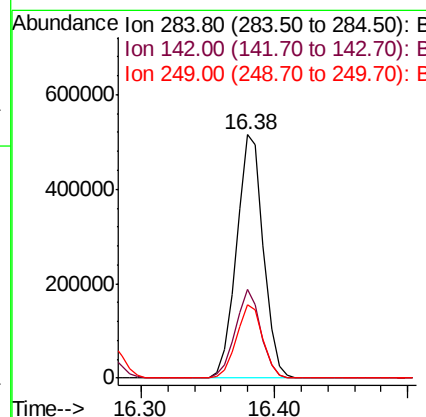
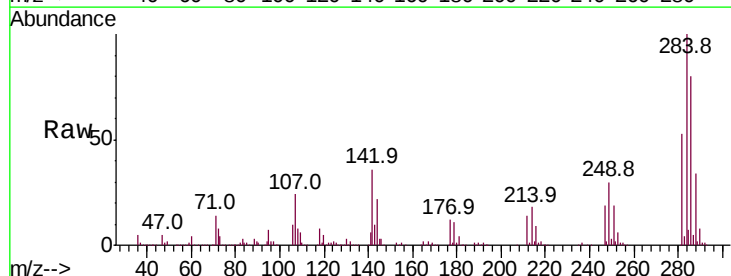
Instrument :
BNA_M
ClientSampleId :

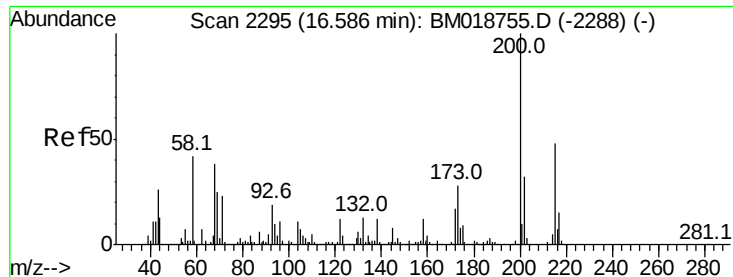
Tot Ion:248 Resp: 618840
Ion Ratio Lower Upper
248 100
250 99.0 79.0 118.6
141 73.3 58.6 88.0



#68
Hexachlorobenzene
Concen: 36.543 ng
RT: 16.38 min Scan# 2260
Delta R.T. -0.03 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Tgt Ion:284 Resp: 721366
Ion Ratio Lower Upper
284 100
142 36.2 28.9 43.3
249 30.0 24.8 37.2

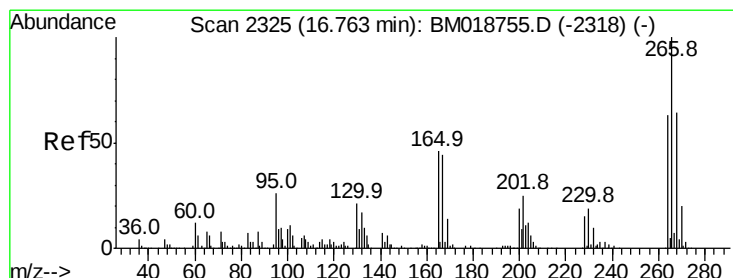
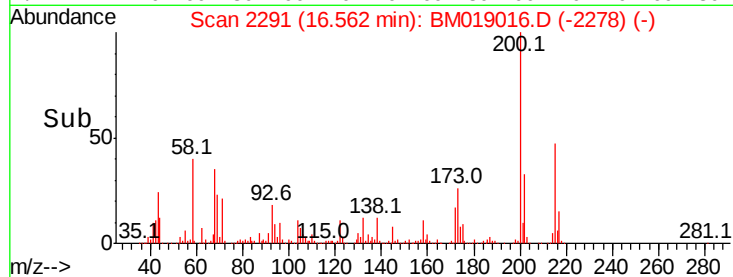
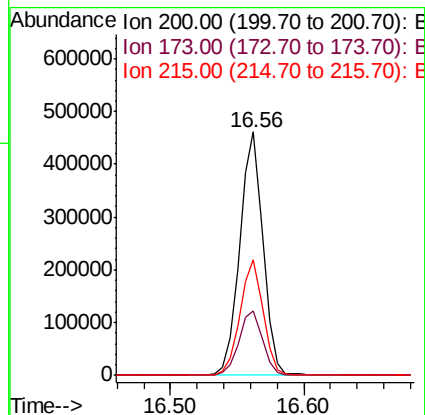
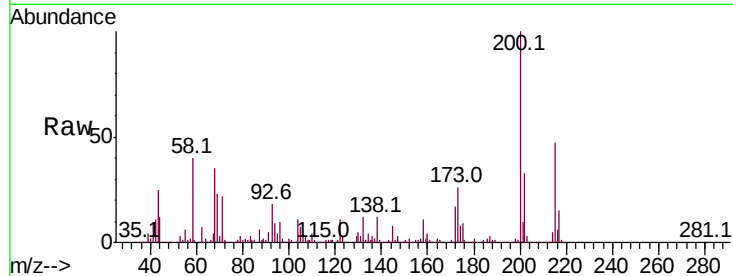




#69
Atrazine
Concen: 36.110 ng
RT: 16.56 min Scan# 2291
Delta R.T. -0.02 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

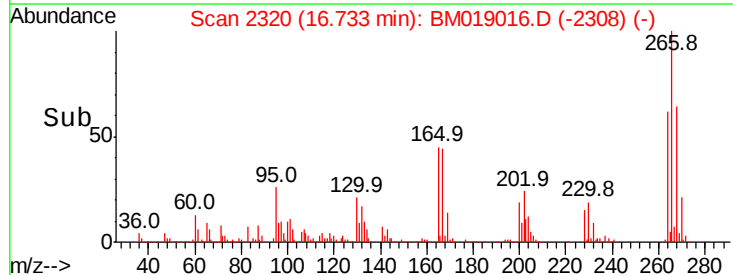
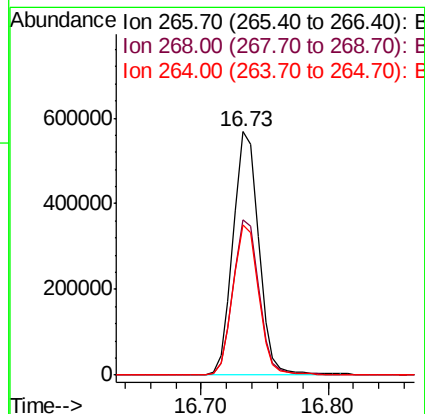
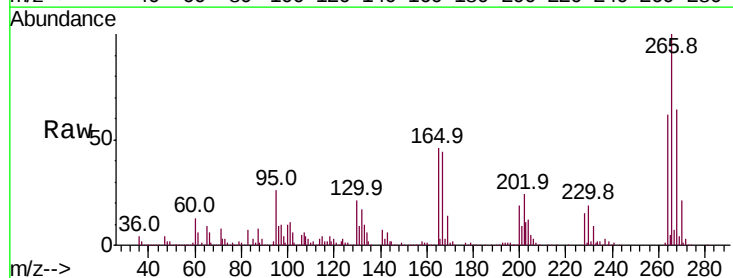
Instrument :
BNA_M
ClientSampleId :

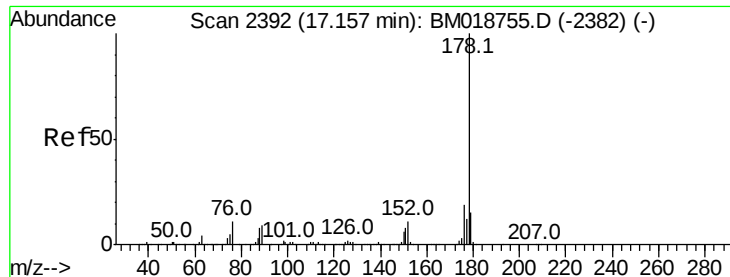
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.5	7.6	47.6
215	47.4	27.6	67.6



#70
Pentachlorophenol
Concen: 62.724 ng
RT: 16.73 min Scan# 2320
Delta R.T. -0.03 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.5	51.3	76.9
264	61.8	50.6	75.8

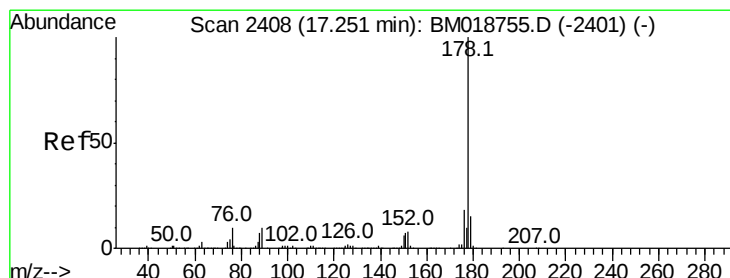
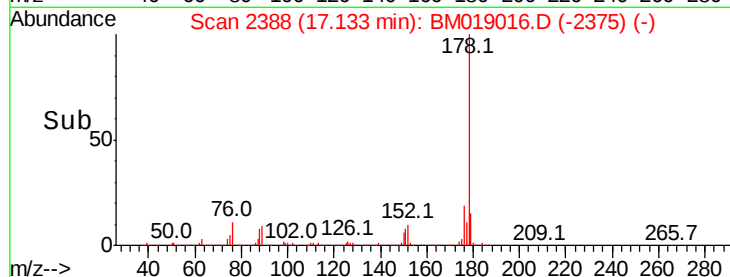
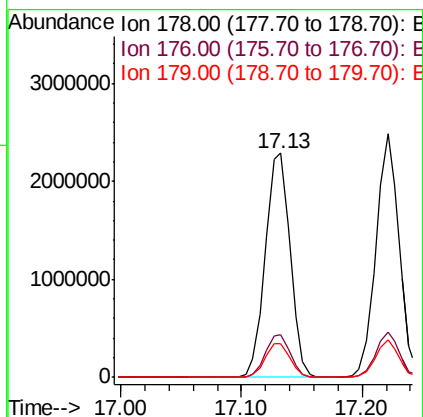
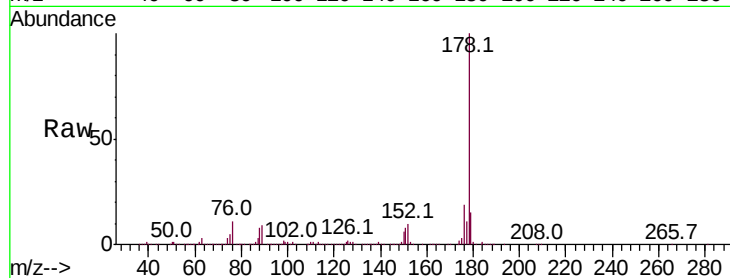




#71
Phenanthrene
Concen: 39.818 ng
RT: 17.13 min Scan# 2388
Delta R.T. -0.02 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

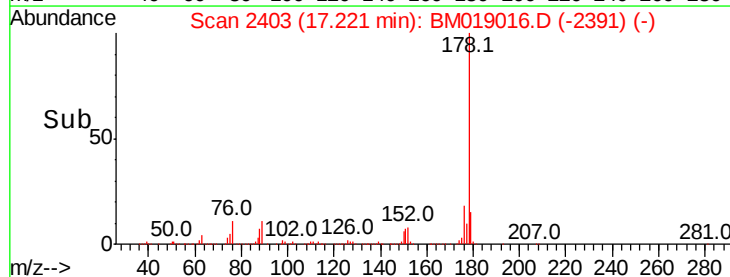
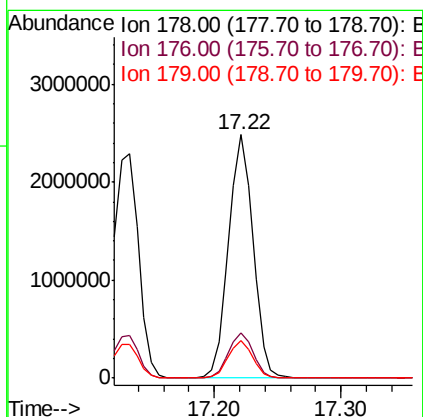
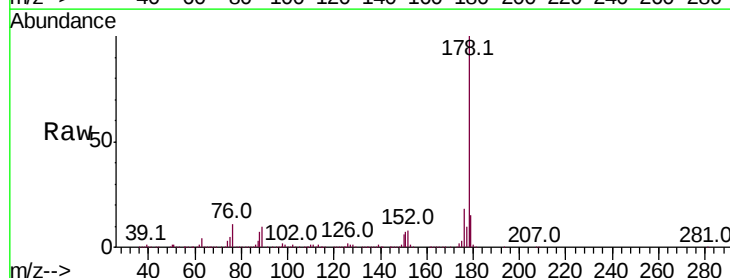
Instrument :
BNA_M
ClientSampleId :

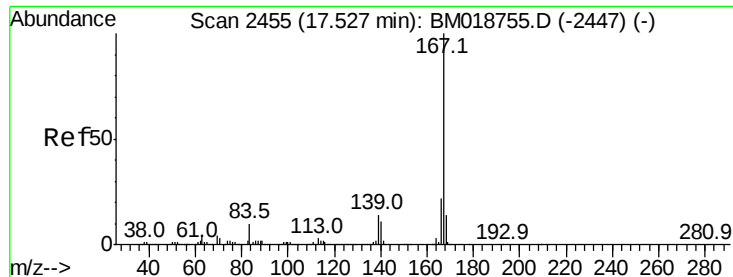
Tot Ion:178 Resp: 3246657
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.0
179 15.2 12.3 18.5



#72
Anthracene
Concen: 41.732 ng
RT: 17.22 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Tgt Ion:178 Resp: 3312016
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.2 12.1 18.1



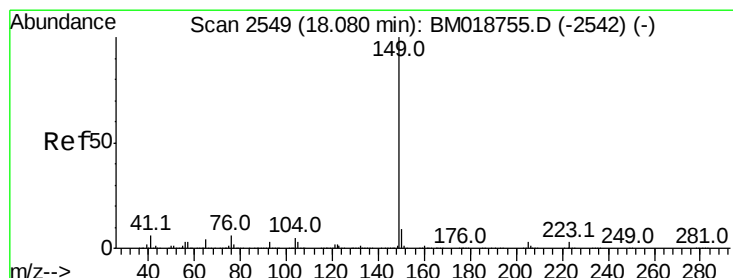
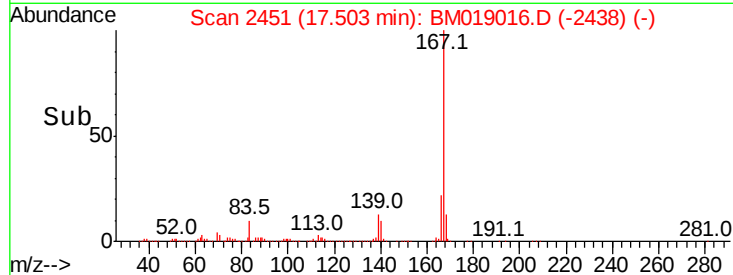
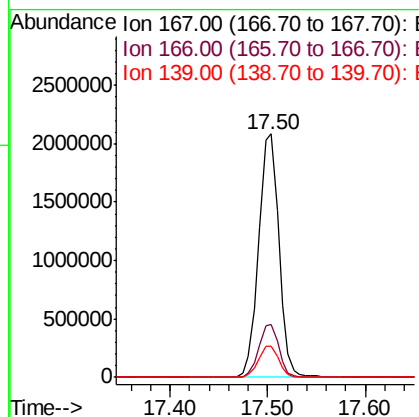
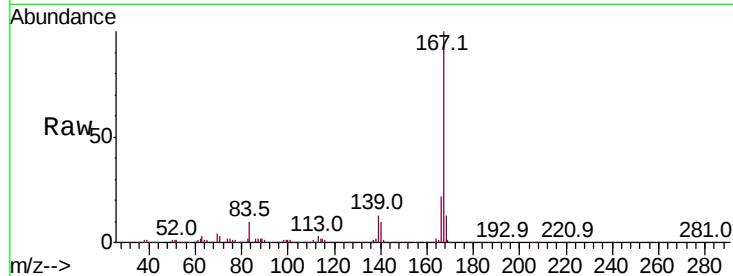


#73
 Carbazole
 Concen: 36.586 ng
 RT: 17.50 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM019016.D
 Acq: 04 Mar 2019 19:05

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:167 Resp: 3033574

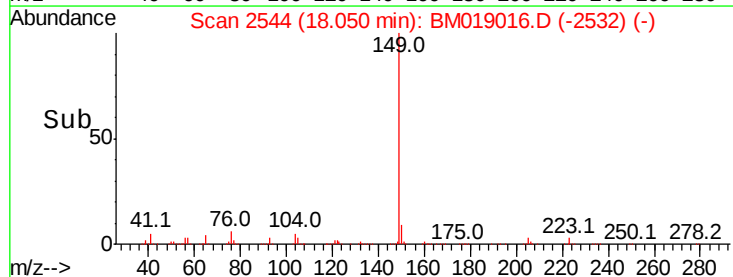
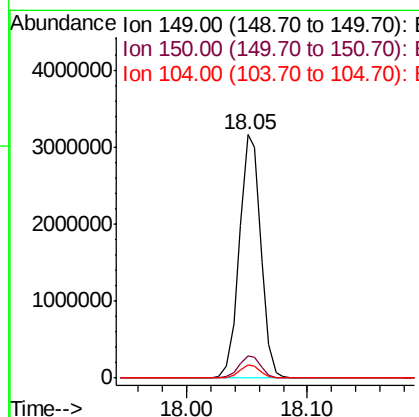
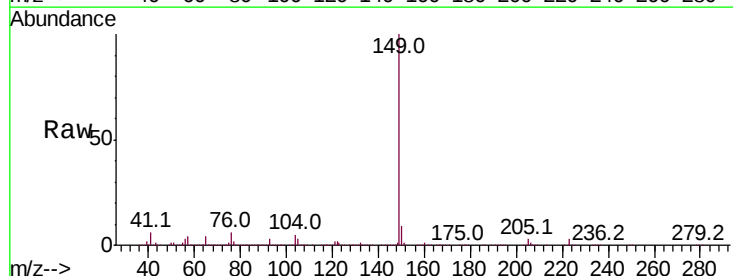
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	12.8	10.9	16.3

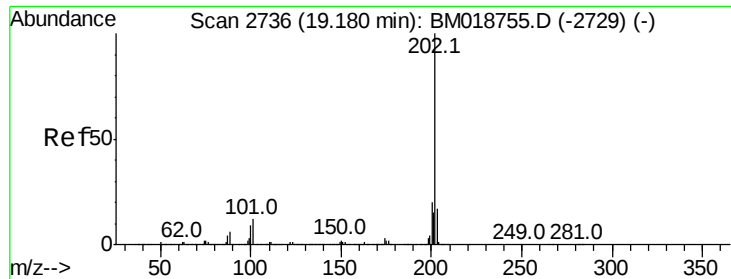


#74
 Di-n-butylphthalate
 Concen: 41.023 ng
 RT: 18.05 min Scan# 2544
 Delta R.T. -0.03 min
 Lab File: BM019016.D
 Acq: 04 Mar 2019 19:05

Tgt Ion:149 Resp: 3911946

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.0
104	5.4	4.3	6.5





#75

Fluoranthene

Concen: 38.834 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.03 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

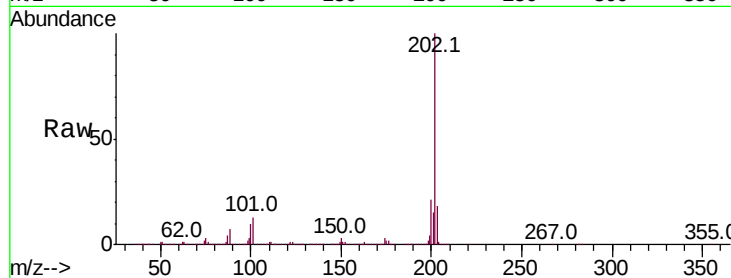
Tot Ion:202 Resp: 3657643

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.5

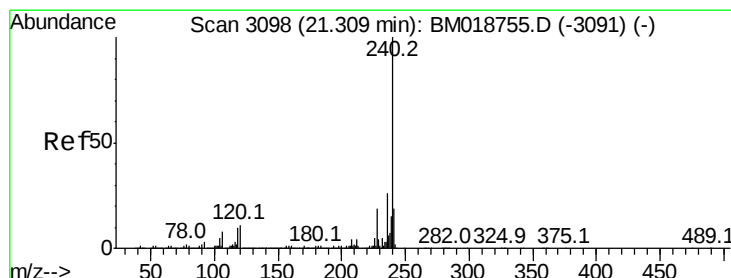
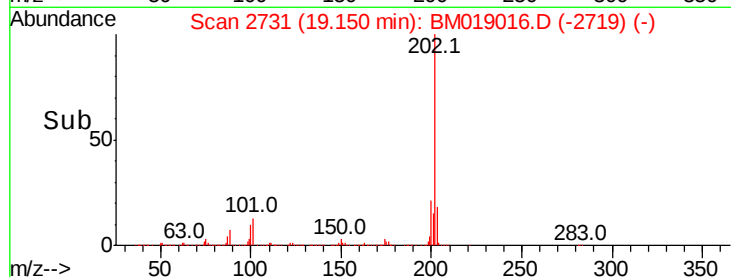
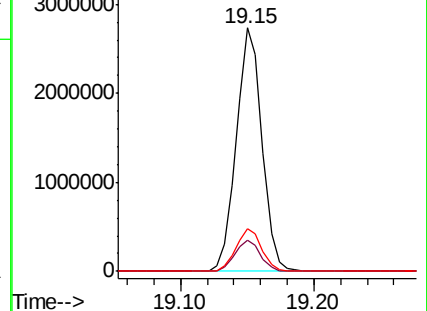
203 17.6 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

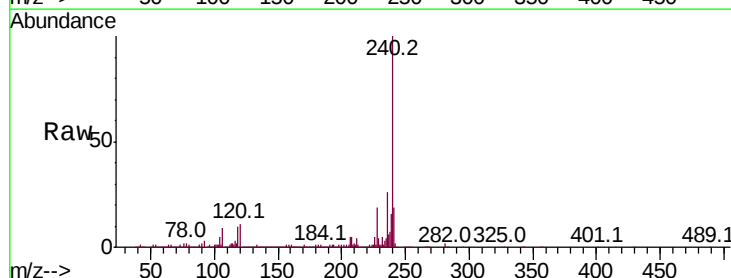
Tgt Ion:240 Resp: 1349630

Ion Ratio Lower Upper

240 100

120 11.4 8.9 13.3

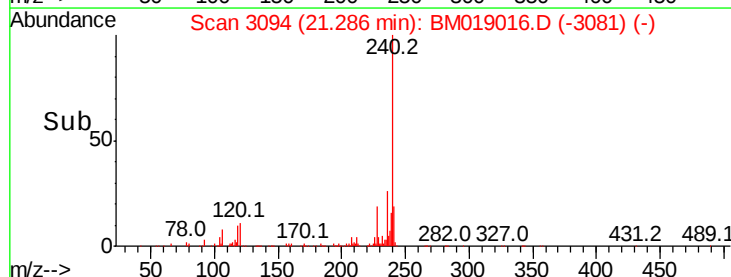
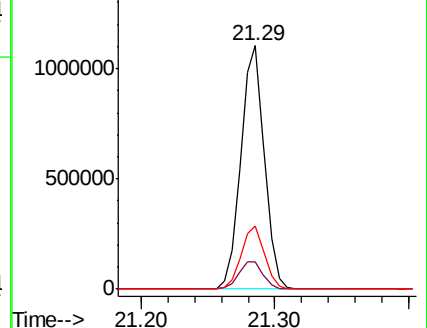
236 25.9 20.9 31.3

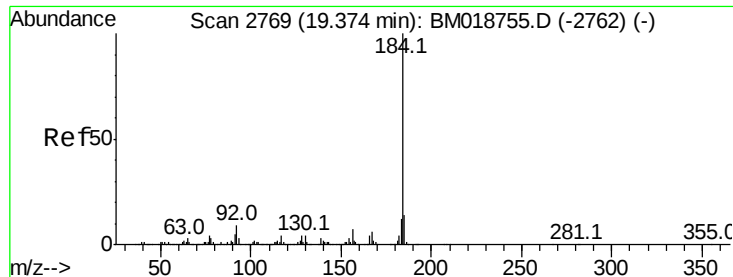


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.122 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

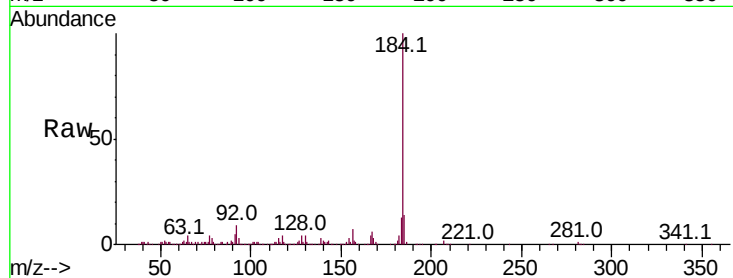
Tot Ion:184 Resp: 550818

Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.2	16.8
183	12.7	9.7	14.5

184 100

185 14.0 11.2 16.8

183 12.7 9.7 14.5

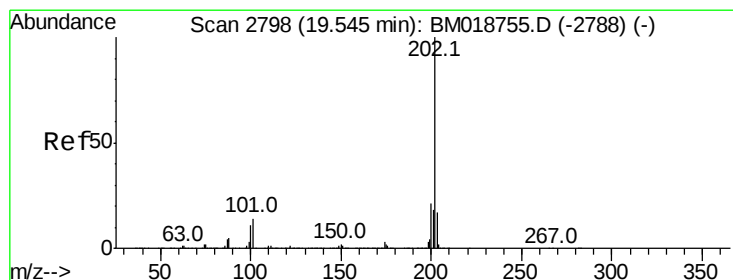
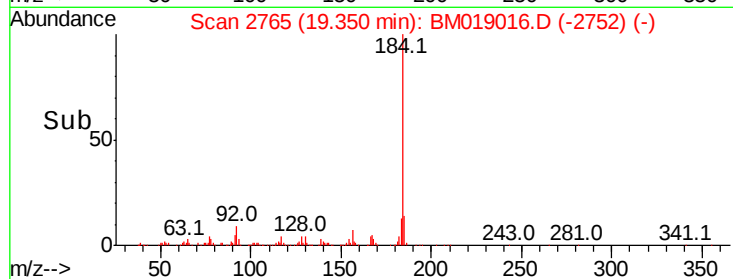
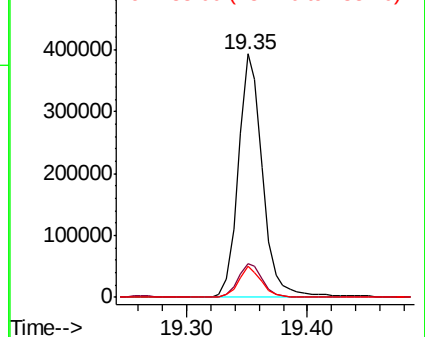


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.533 ng

RT: 19.52 min Scan# 2793

Delta R.T. -0.03 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

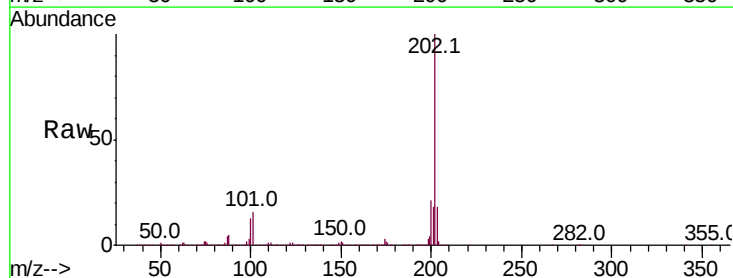
Tgt Ion:202 Resp: 3725897

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.7	13.8	20.8

202 100

200 21.1 16.9 25.3

203 17.7 13.8 20.8

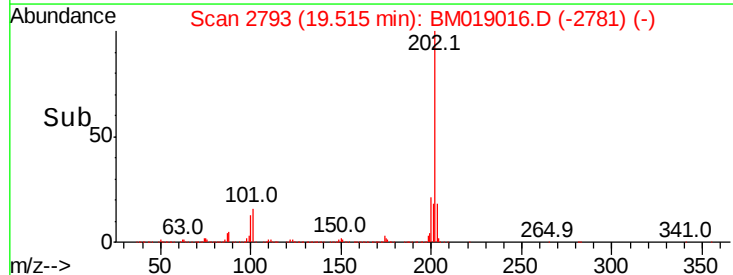
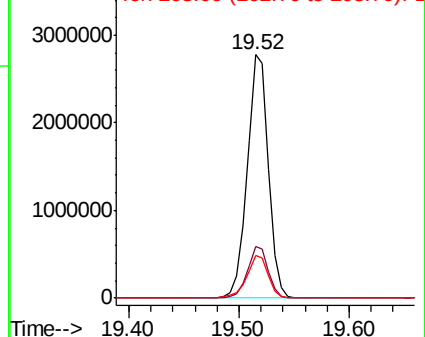


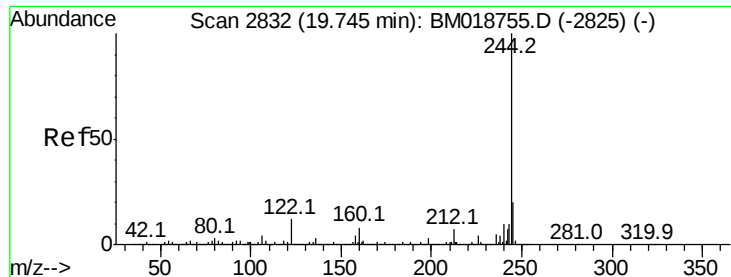
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.474 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.02 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

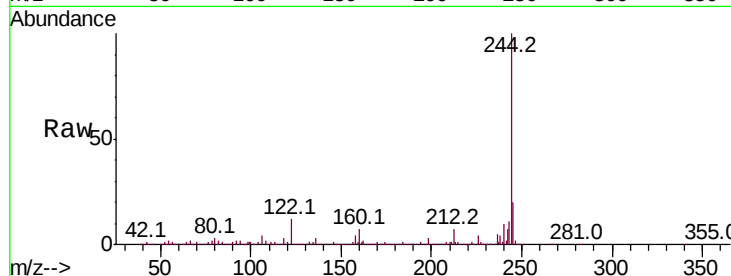
Tot Ion:244 Resp: 5919165

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

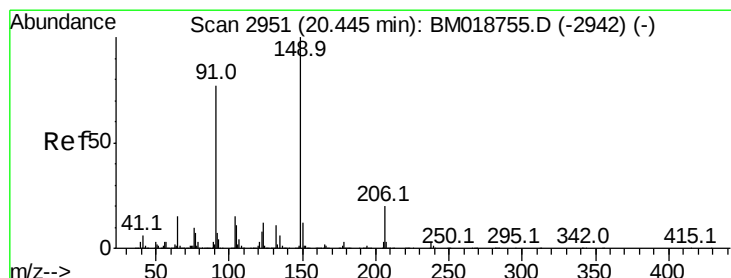
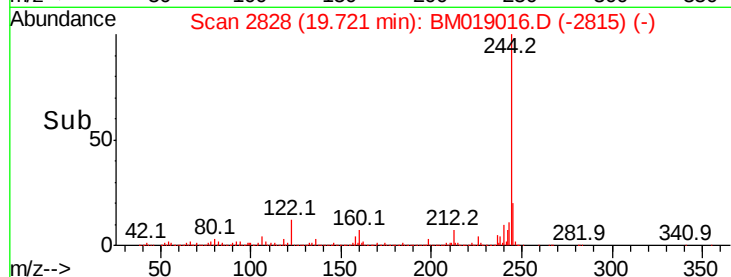
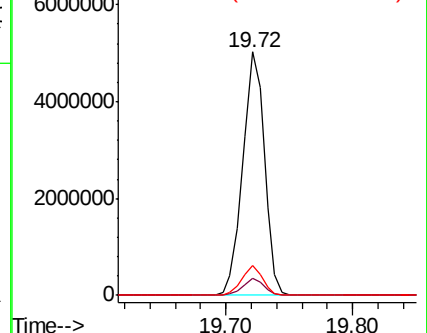
122 12.1 9.3 13.9



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 50.381 ng

RT: 20.42 min Scan# 2947

Delta R.T. -0.02 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

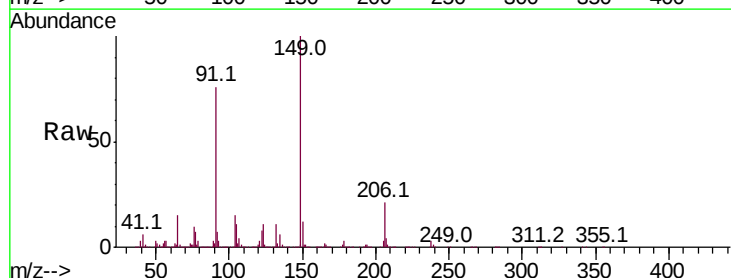
Tgt Ion:149 Resp: 1799784

Ion Ratio Lower Upper

149 100

91 75.8 61.4 92.0

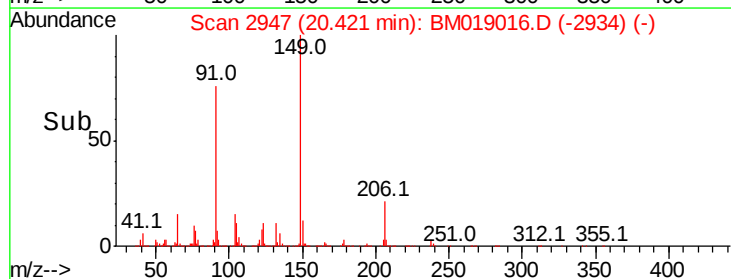
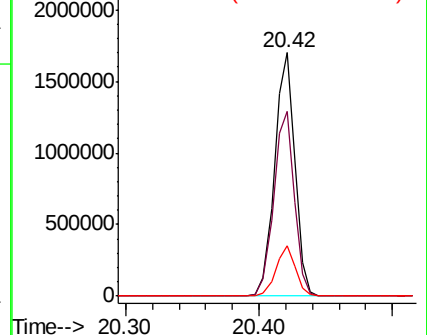
206 20.7 15.8 23.8

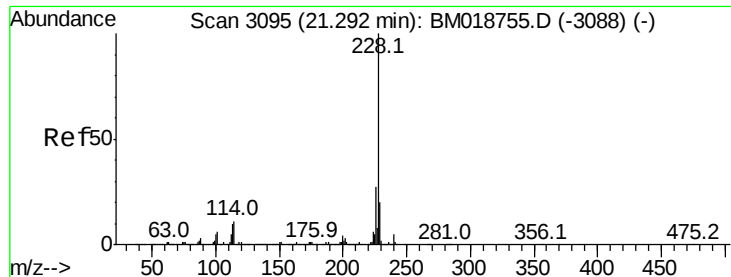


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.917 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

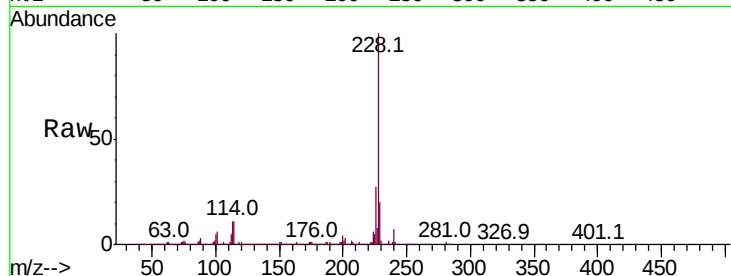
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3219057

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.9	32.9
229	19.9	15.9	23.9

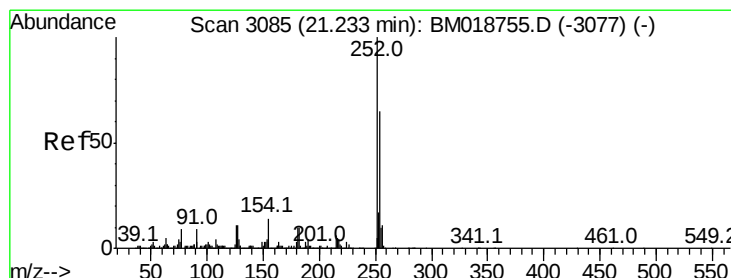
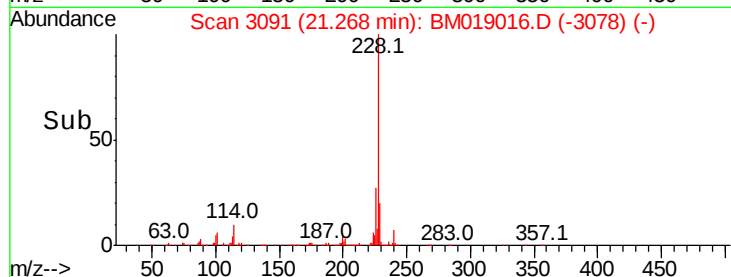
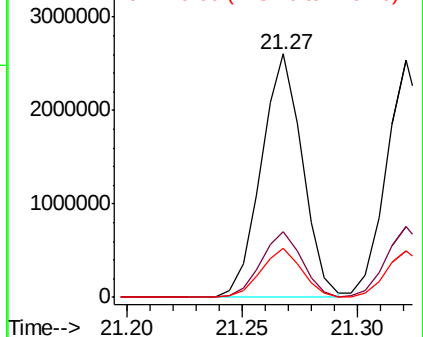


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 22.305 ng

RT: 21.21 min Scan# 3081

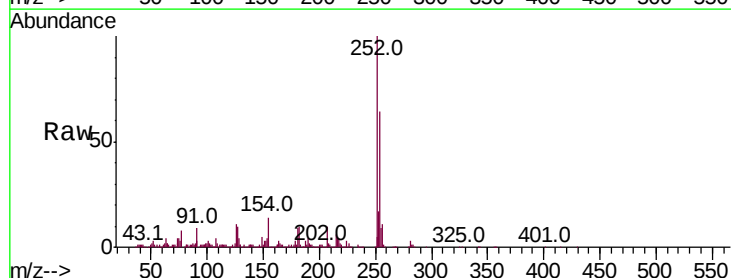
Delta R.T. -0.02 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Tgt Ion:252 Resp: 693531

Ion	Ratio	Lower	Upper
252	100		
254	64.5	51.8	77.8
126	11.2	9.1	13.7

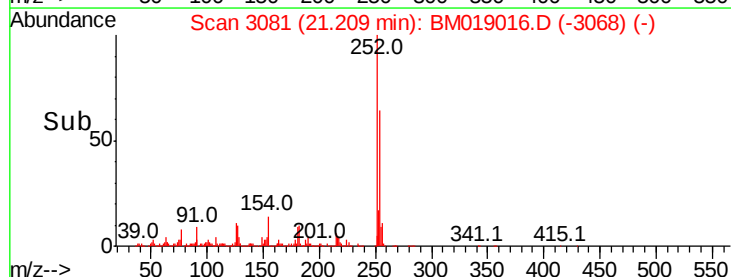
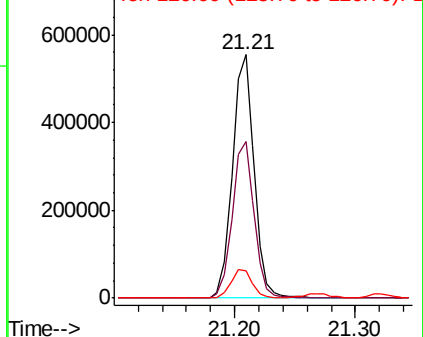


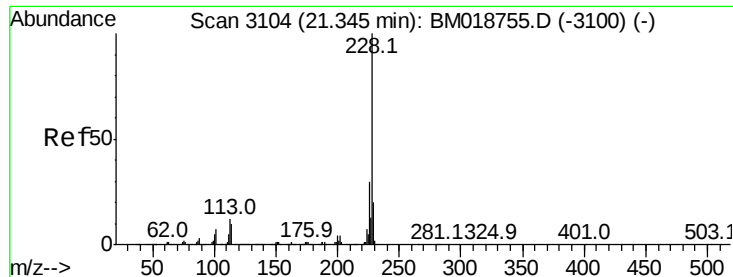
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

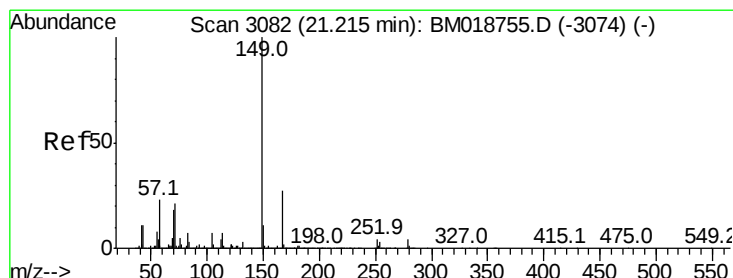
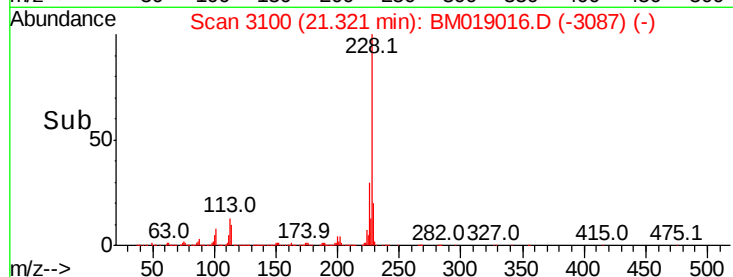
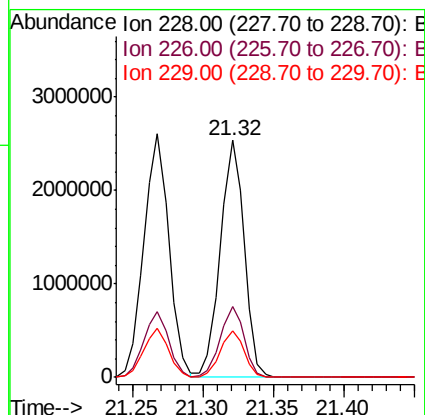
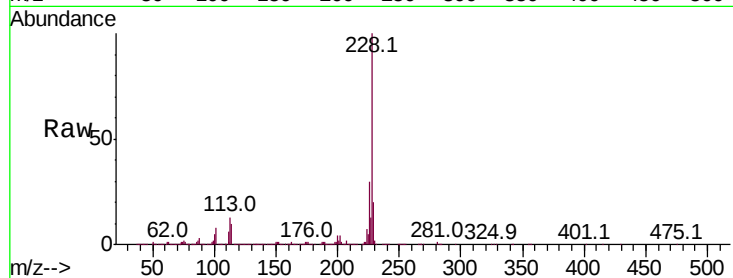




#83
Chrysene
Concen: 39.484 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

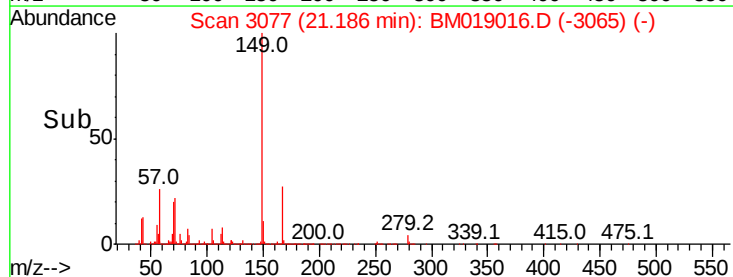
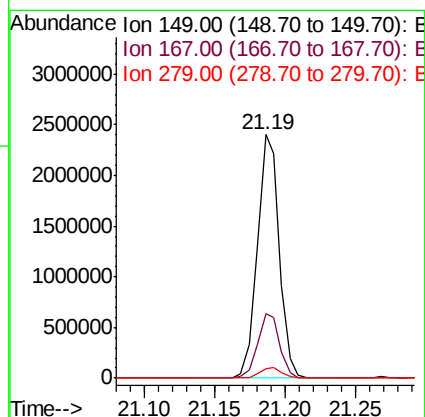
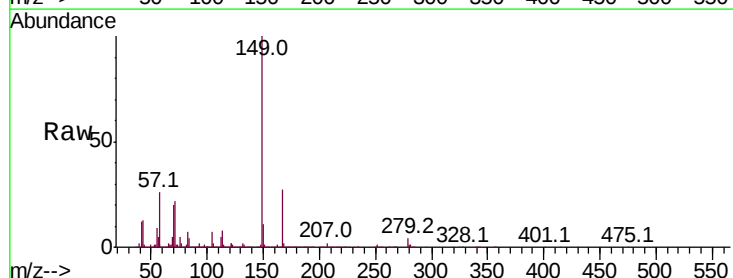
Instrument :
BNA_M
ClientSampleId :

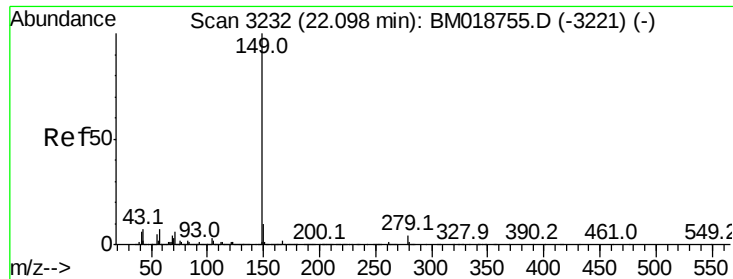
Tot Ion:228 Resp: 2977372
Ion Ratio Lower Upper
228 100
226 29.8 24.1 36.1
229 19.9 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.957 ng
RT: 21.19 min Scan# 3077
Delta R.T. -0.03 min
Lab File: BM019016.D
Acq: 04 Mar 2019 19:05

Tgt Ion:149 Resp: 2611988
Ion Ratio Lower Upper
149 100
167 26.6 21.8 32.6
279 4.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 46.845 ng

RT: 22.07 min Scan# 3227

Delta R.T. -0.03 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampled :

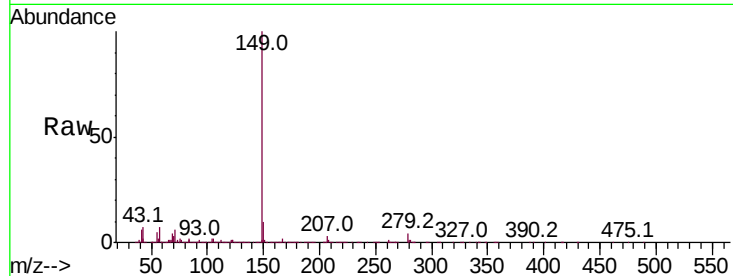
Tot Ion:149 Resp: 4116567

Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	7.5	6.0	9.0

149 100

167 1.6 1.3 1.9

43 7.5 6.0 9.0

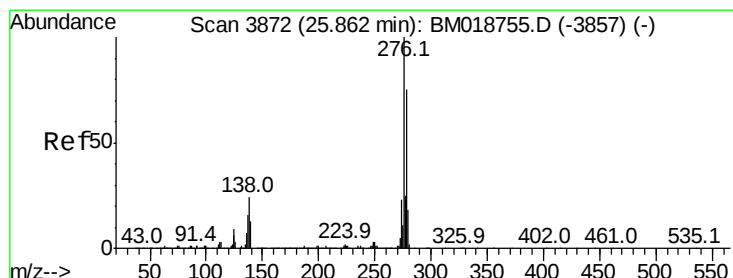
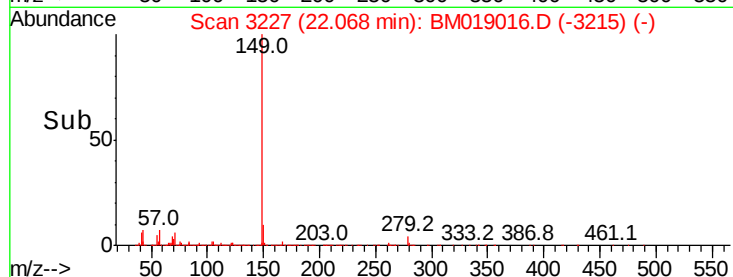
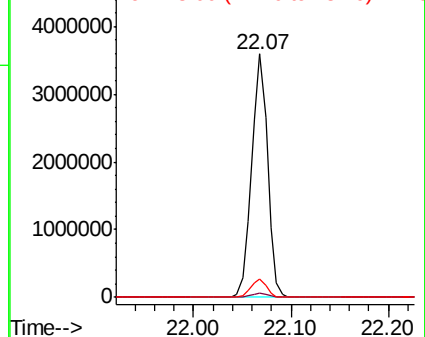


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): B



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.489 ng

RT: 25.81 min Scan# 3863

Delta R.T. -0.05 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

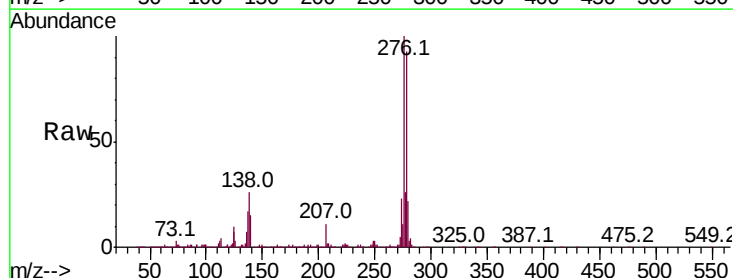
Tgt Ion:276 Resp: 3002640

Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.2	30.4
277	25.4	20.3	30.5

276 100

138 25.3 20.2 30.4

277 25.4 20.3 30.5

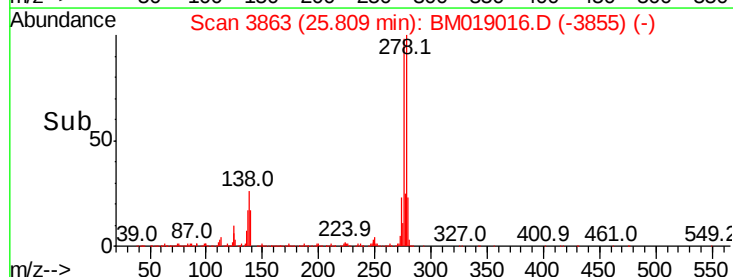
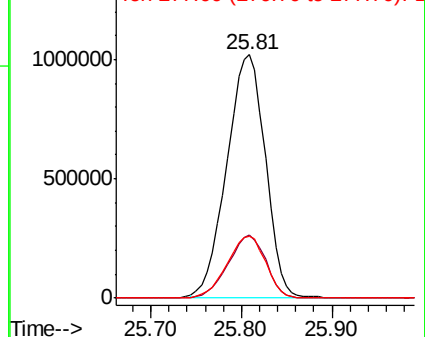


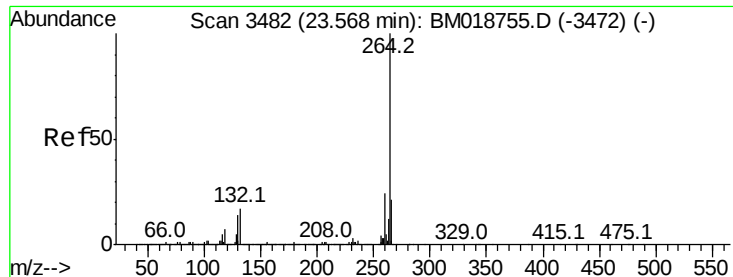
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 23.53 min Scan# 3475

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

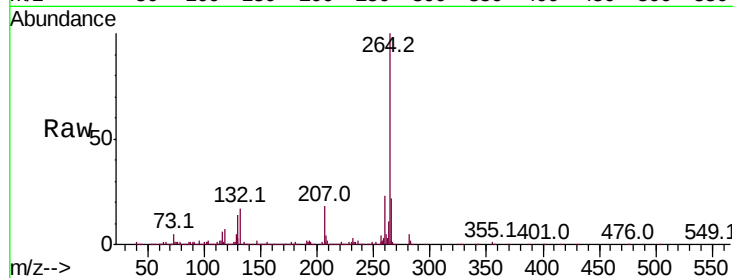
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 1145127

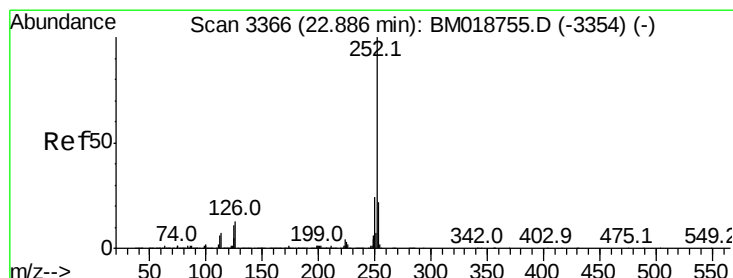
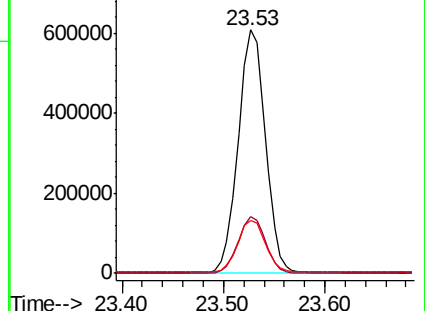
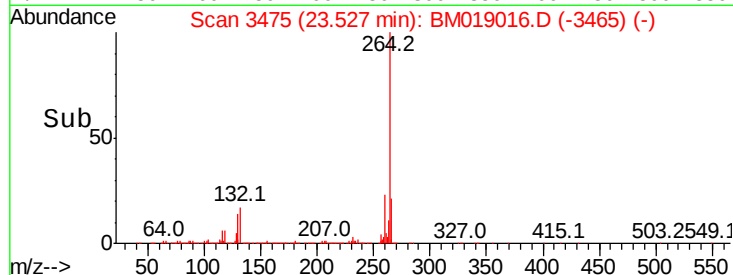
Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.9	28.3
265	21.7	17.3	25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.350 ng

RT: 22.85 min Scan# 3360

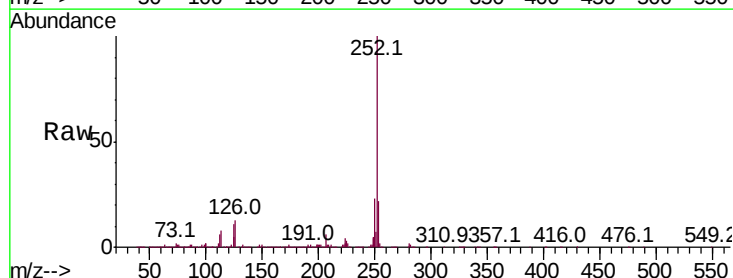
Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Tgt Ion:252 Resp: 2774657

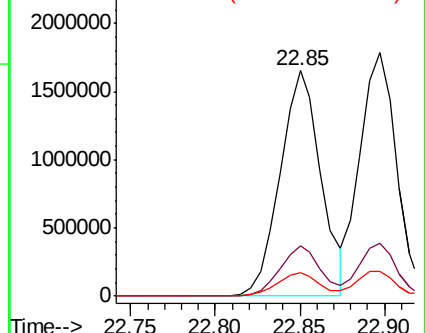
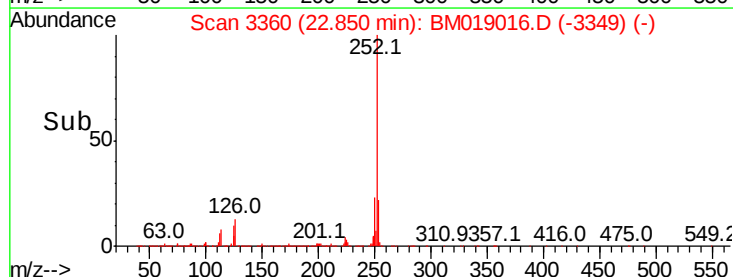
Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.8	26.6
125	10.5	8.6	12.8

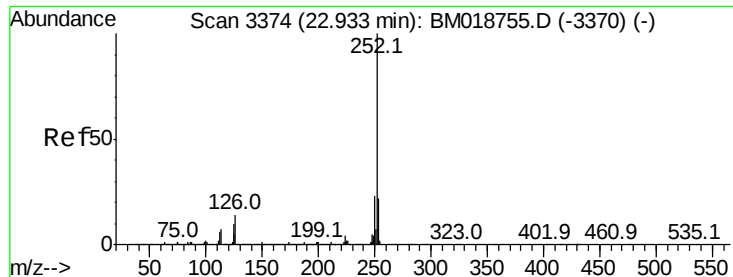


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.112 ng

RT: 22.90 min Scan# 3368

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampleId :

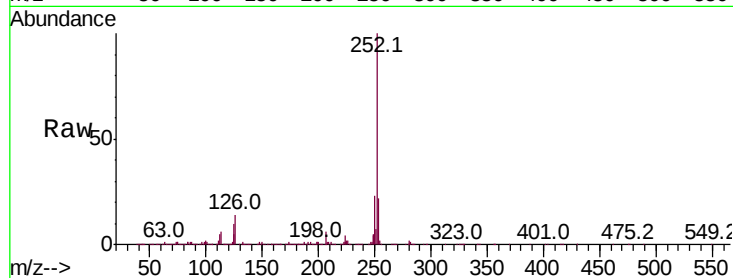
Tot Ion:252 Resp: 2681569

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

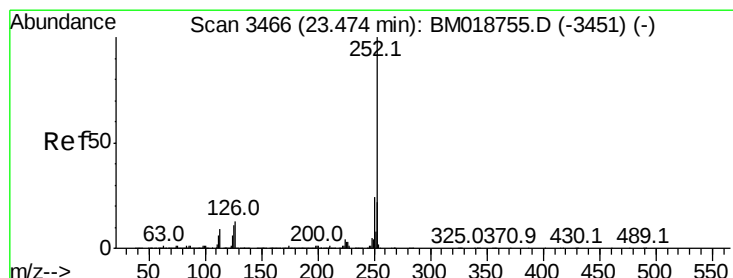
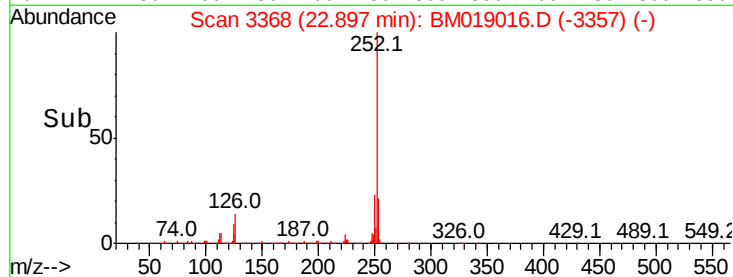
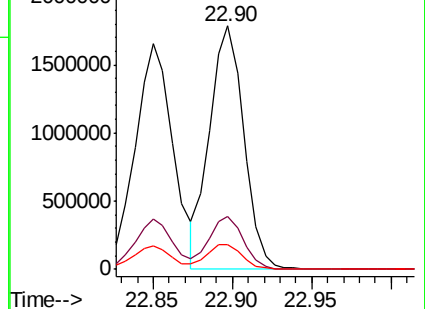
125 10.3 8.2 12.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 41.320 ng

RT: 23.43 min Scan# 3459

Delta R.T. -0.04 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

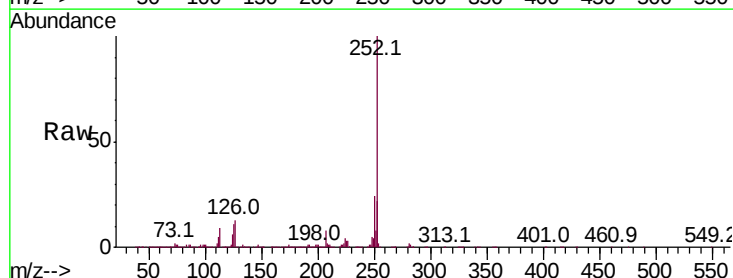
Tgt Ion:252 Resp: 2564549

Ion Ratio Lower Upper

252 100

253 22.2 17.4 26.0

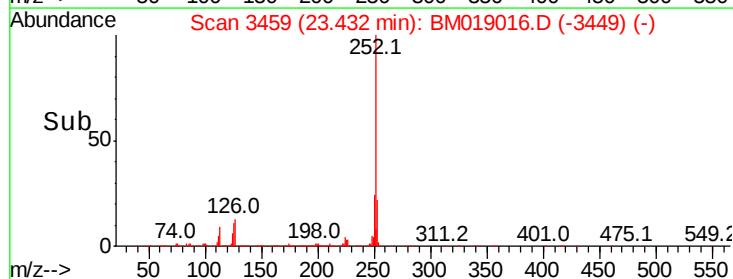
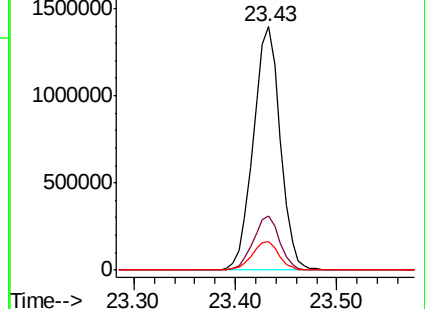
125 11.5 8.6 13.0

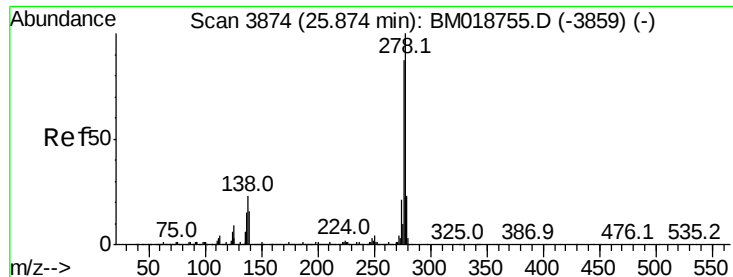


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 41.947 ng

RT: 25.81 min Scan# 3864

Delta R.T. -0.06 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

Instrument :

BNA_M

ClientSampled :

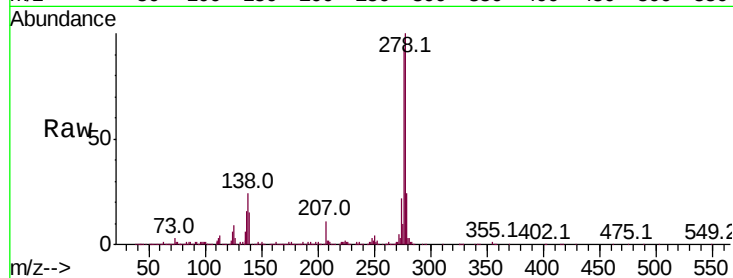
Tot Ion:278 Resp: 2579379

Ion Ratio Lower Upper

278 100

139 15.4 12.6 18.8

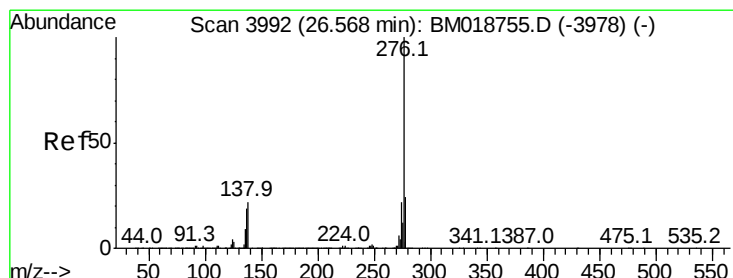
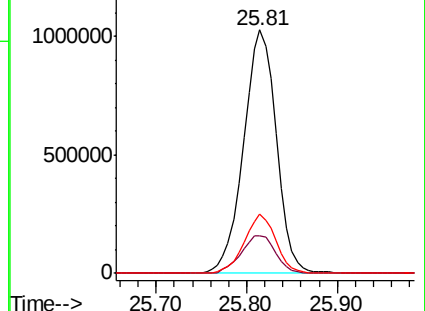
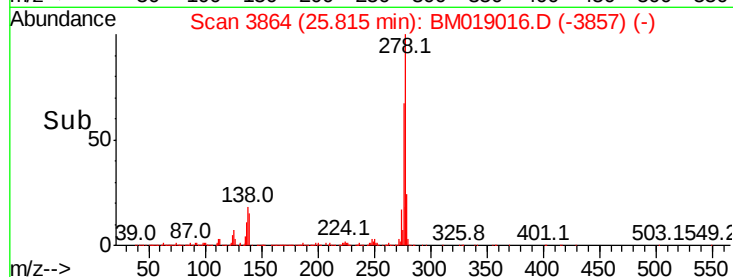
279 24.3 18.6 28.0



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 42.459 ng

RT: 26.50 min Scan# 3981

Delta R.T. -0.07 min

Lab File: BM019016.D

Acq: 04 Mar 2019 19:05

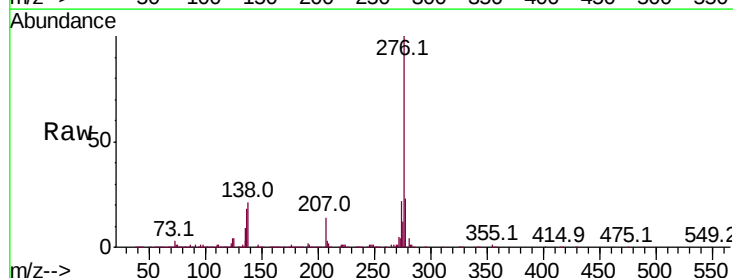
Tgt Ion:276 Resp: 2430651

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 21.4 17.3 25.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

