

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019019.D
 Acq On : 04 Mar 2019 20:53
 Operator : JU/SJ
 Sample : K1712-19MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:36:01 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	277566	20.00	ng	-0.04
21) Naphthalene-d8	10.46	136	1155126	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	631571	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1270961	20.00	ng	-0.03
76) Chrysene-d12	21.28	240	999645	20.00	ng	-0.03
87) Perylene-d12	23.53	264	974093	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1717413	101.38	ng	-0.03
7) Phenol-d6	6.86	99	2446639	102.52	ng	-0.03
23) Nitrobenzene-d5	8.85	82	1539407	61.62	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	843146	92.61	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	2913770	61.24	ng	-0.04
79) Terphenyl-d14	19.72	244	3501936	72.27	ng	-0.02

Target Compounds					Qvalue
2) 1,4-Dioxane	3.23	88	183504	24.870 ng	98
3) Pyridine	3.63	79	513211	25.500 ng	99
4) n-Nitrosodimethylamine	3.55	42	170730	33.346 ng	98
6) Aniline	7.02	93	337712	11.549 ng	98
8) 2-Chlorophenol	7.25	128	617547	33.203 ng	99
9) Benzaldehyde	6.84	77	468415	34.641 ng	99
10) Phenol	6.89	94	896606	35.706 ng	98
11) bis(2-Chloroethyl)ether	7.12	93	581621	30.364 ng	99
12) 1,3-Dichlorobenzene	7.56	146	605638	28.959 ng	98
13) 1,4-Dichlorobenzene	7.72	146	622169	29.222 ng	99
14) 1,2-Dichlorobenzene	8.03	146	604257	29.546 ng	99
15) Benzyl Alcohol	7.93	79	589744	31.100 ng	98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	587784	31.705 ng	97
17) 2-Methylphenol	8.12	107	532510	33.319 ng	98
18) Hexachloroethane	8.74	117	224340	28.864 ng	98
19) n-Nitroso-di-n-propylamine	8.49	70	552936	29.924 ng	99
20) 3+4-Methylphenols	8.46	107	714158	32.360 ng	100
22) Acetophenone	8.51	105	912027	28.751 ng	# 99
24) Nitrobenzene	8.89	77	774683	29.875 ng	98
25) Isophorone	9.41	82	1361924	34.167 ng	99
26) 2-Nitrophenol	9.59	139	325851	31.554 ng	98
27) 2,4-Dimethylphenol	9.65	122	548994	36.399 ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	812072	31.504 ng	100
29) 2,4-Dichlorophenol	10.12	162	562122	32.458 ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	585259	29.262 ng	99
31) Naphthalene	10.52	128	1809233	32.115 ng	99
32) Benzoic acid	9.76	122	96915	7.366 ng	97
33) 4-Chloroaniline	10.65	127	111862	4.442 ng	98
34) Hexachlorobutadiene	10.78	225	313905	27.039 ng	99
35) Caprolactam	11.45	113	140136	19.827 ng	94
36) 4-Chloro-3-methylphenol	11.77	107	628933	30.120 ng	100
37) 2-Methylnaphthalene	12.13	142	1310014	33.028 ng	99
38) 1-Methylnaphthalene	12.36	142	1236854	31.889 ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	617671	30.573 ng	99

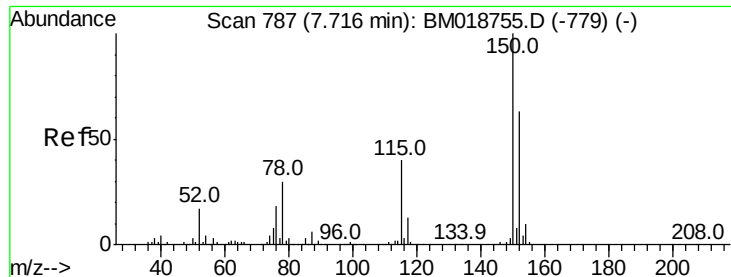
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019019.D
 Acq On : 04 Mar 2019 20:53
 Operator : JU/SJ
 Sample : K1712-19MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:36:01 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)
41) Hexachlorocyclopentadiene	12.47	237	635304	61.504	ng	97
43) 2,4,6-Trichlorophenol	12.76	196	441508	33.011	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	454682	32.435	ng	99
46) 1,1'-Biphenyl	13.16	154	1655205	30.447	ng	100
47) 2-Chloronaphthalene	13.20	162	1276906	30.410	ng	100
48) 2-Nitroaniline	13.43	65	422535	30.298	ng	96
49) Acenaphthylene	14.05	152	2039410	32.618	ng	99
50) Dimethylphthalate	13.80	163	1805165	34.296	ng	99
51) 2,6-Dinitrotoluene	13.93	165	351860	30.860	ng	97
52) Acenaphthene	14.40	154	1178231	30.732	ng	100
53) 3-Nitroaniline	14.26	138	158062	12.269	ng	98
54) 2,4-Dinitrophenol	14.47	184	292241	43.246	ng	98
55) Dibenzofuran	14.73	168	1891221	30.012	ng	99
56) 4-Nitrophenol	14.57	139	556188	54.082	ng	96
57) 2,4-Dinitrotoluene	14.72	165	477840	30.417	ng	98
58) Fluorene	15.39	166	1505205	31.223	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	394841	31.865	ng	100
60) Diethylphthalate	15.16	149	1588928	29.265	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	746748	27.627	ng	99
62) 4-Nitroaniline	15.43	138	306922	24.301	ng	98
63) Azobenzene	15.67	77	1678806	28.838	ng	98
65) 4,6-Dinitro-2-methylphenol	15.48	198	229168	25.681	ng	94
66) n-Nitrosodiphenylamine	15.60	169	1325615	33.013	ng	99
67) 4-Bromophenyl-phenylether	16.28	248	436570	30.688	ng	97
68) Hexachlorobenzene	16.38	284	504132	30.487	ng	96
69) Atrazine	16.56	200	428521	33.102	ng	99
70) Pentachlorophenol	16.73	266	584953	54.940	ng	99
71) Phenanthrene	17.13	178	2189103	32.050	ng	99
72) Anthracene	17.22	178	2208715	33.223	ng	100
73) Carbazole	17.50	167	1980386	28.512	ng	99
74) Di-n-butylphthalate	18.05	149	2531441	31.690	ng	100
75) Fluoranthene	19.15	202	2234750	28.324	ng	99
77) Benzidine	19.35	184	928158	41.227	ng	100
78) Pyrene	19.52	202	2246471	38.693	ng	100
80) Butylbenzylphthalate	20.42	149	1025551	38.759	ng	98
81) Benzo(a)anthracene	21.26	228	1834956	31.490	ng	100
82) 3,3'-Dichlorobenzidine	21.20	252	456204	19.809	ng	100
83) Chrysene	21.32	228	1764791	31.598	ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1468125	37.910	ng	99
85) Di-n-octyl phthalate	22.07	149	2244319	34.481	ng	99
86) Indeno(1,2,3-cd)pyrene	25.80	276	2144113	33.250	ng	100
88) Benzo(b)fluoranthene	22.85	252	1773468	31.822	ng	99
89) Benzo(k)fluoranthene	22.89	252	1804618	32.525	ng	100
90) Benzo(a)pyrene	23.43	252	1734188	32.847	ng	99
91) Dibenzo(a,h)anthracene	25.81	278	1834501	35.072	ng	98
92) Benzo(g,h,i)perylene	26.50	276	1751756	35.973	ng	99

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

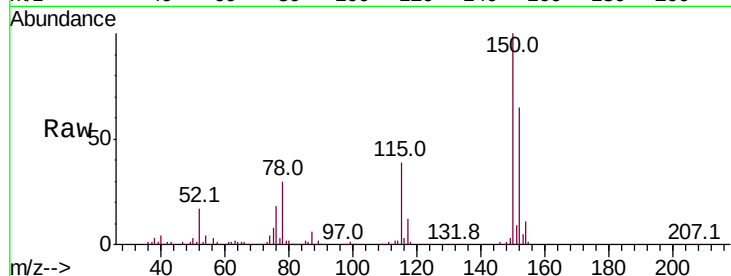


#1

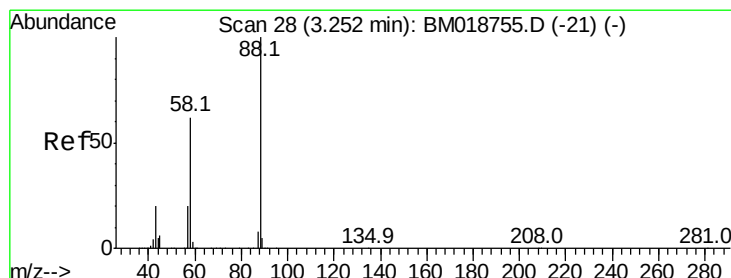
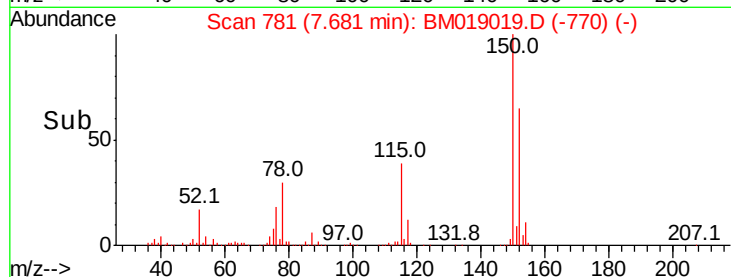
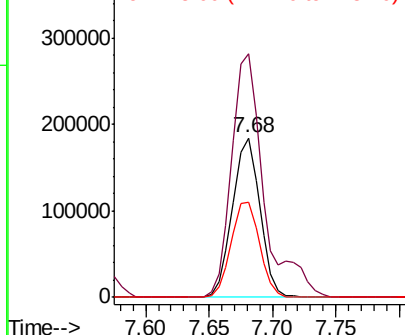
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 277566
Ion Ratio Lower Upper
152 100
150 152.9 127.3 190.9
115 59.7 50.8 76.2



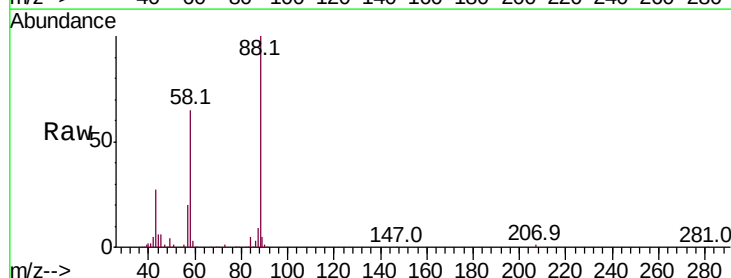
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



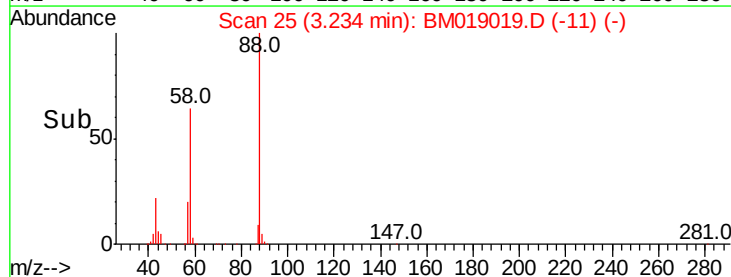
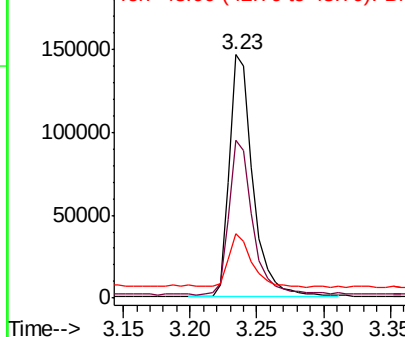
#2

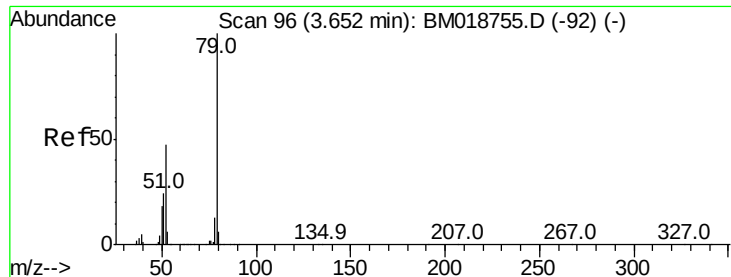
1,4-Dioxane
Concen: 24.870 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.02 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion: 88 Resp: 183504
Ion Ratio Lower Upper
88 100
58 63.8 49.8 74.6
43 20.7 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: 25.500 ng

RT: 3.63 min Scan# 93

Delta R.T. -0.02 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

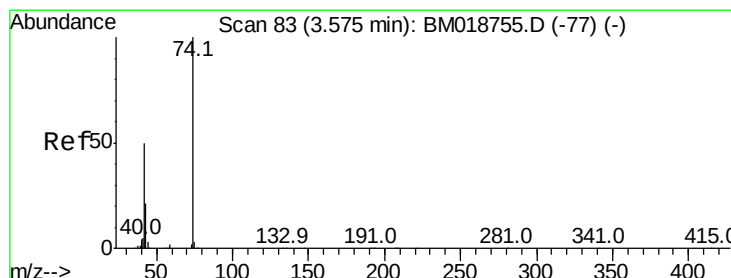
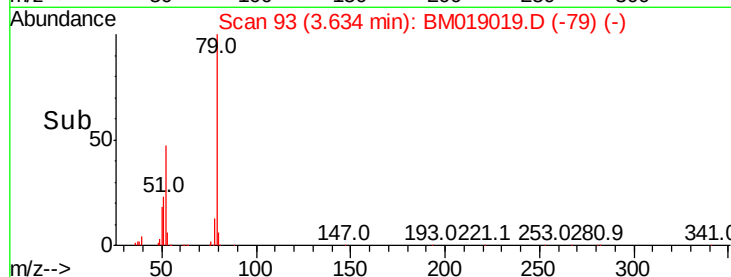
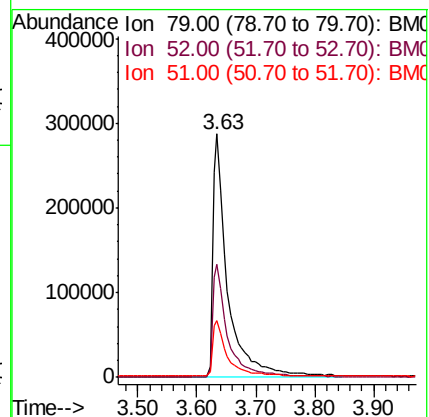
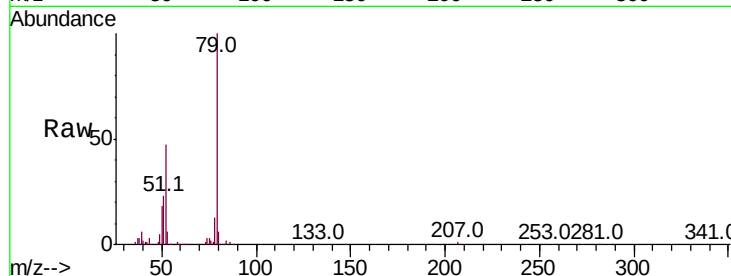
Tot Ion: 79 Resp: 513211

Ion Ratio Lower Upper

79 100

52 46.5 37.6 56.4

51 23.4 19.7 29.5



#4

n-Nitrosodimethylamine

Concen: 33.346 ng

RT: 3.55 min Scan# 79

Delta R.T. -0.02 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

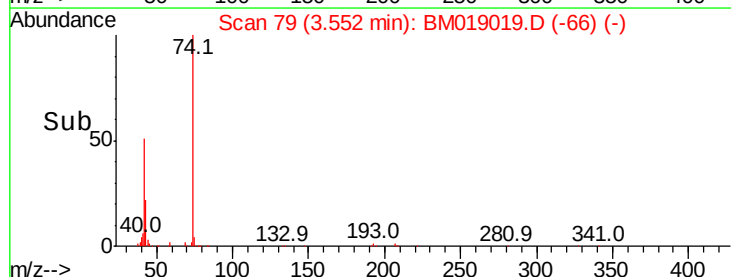
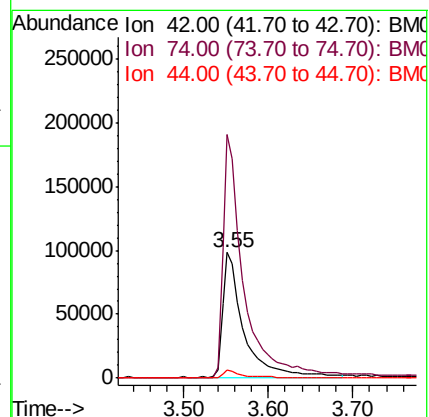
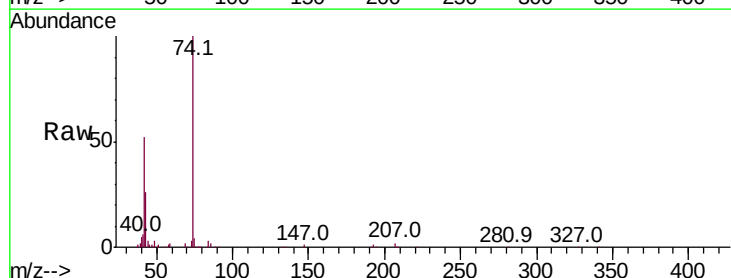
Tgt Ion: 42 Resp: 170730

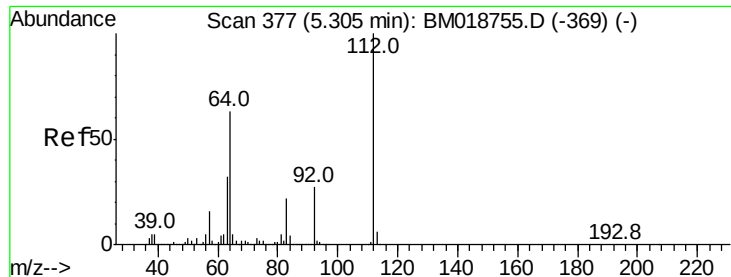
Ion Ratio Lower Upper

42 100

74 194.1 158.1 237.1

44 6.2 4.9 7.3





#5

2-Fluorophenol

Concen: 101.379 ng

RT: 5.28 min Scan# 372

Delta R.T. -0.03 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

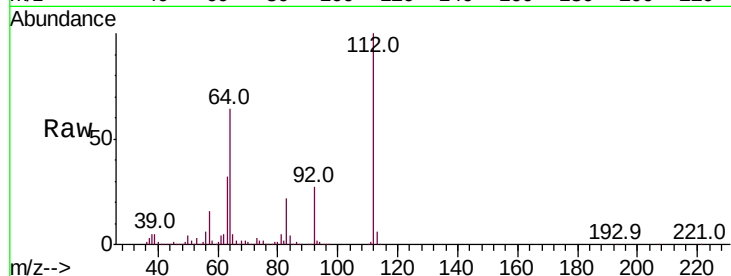
Tot Ion:112 Resp: 1717413

Ion Ratio Lower Upper

112 100

64 64.0 50.6 75.8

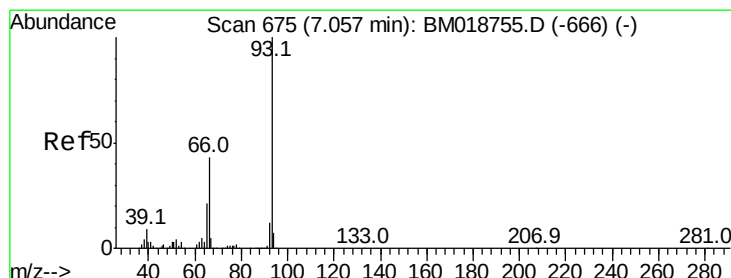
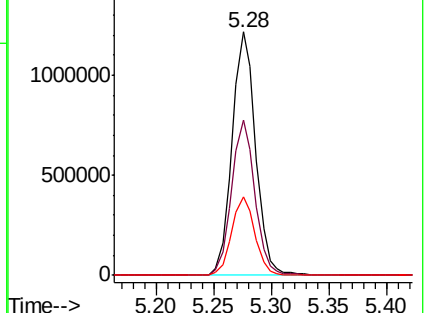
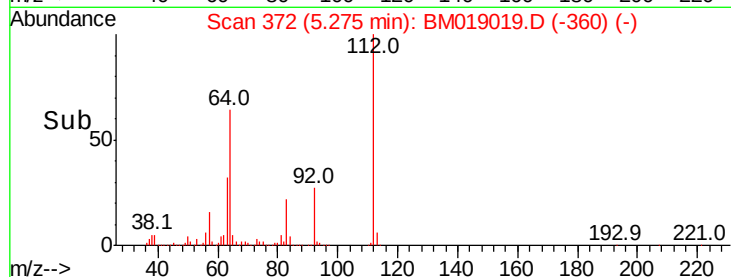
63 32.4 25.7 38.5



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: 11.549 ng

RT: 7.02 min Scan# 669

Delta R.T. -0.04 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

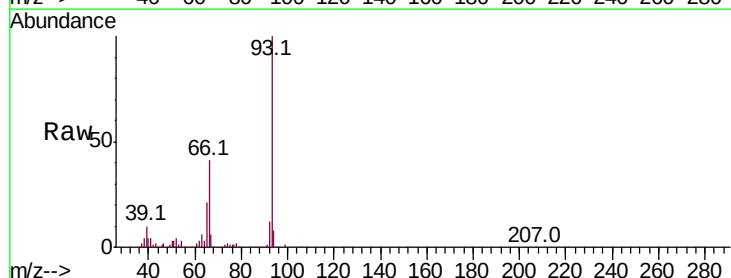
Tgt Ion: 93 Resp: 337712

Ion Ratio Lower Upper

93 100

66 41.1 34.1 51.1

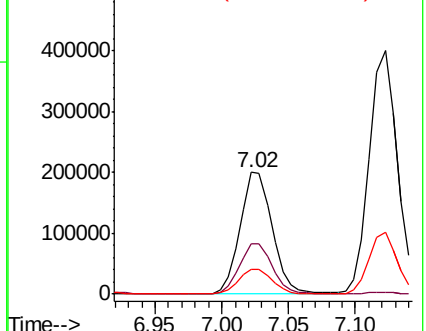
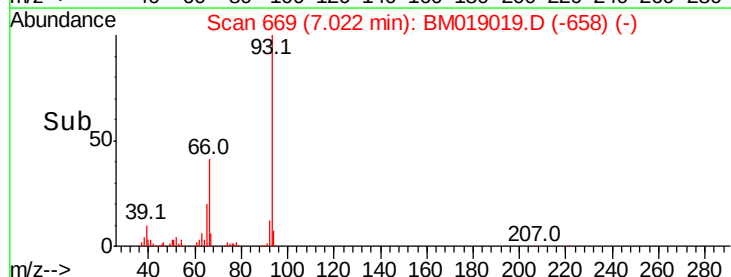
65 20.7 16.6 24.8

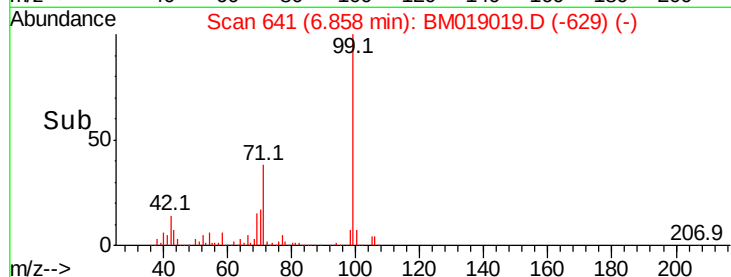
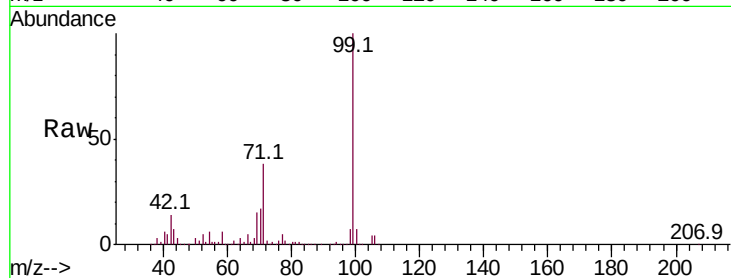
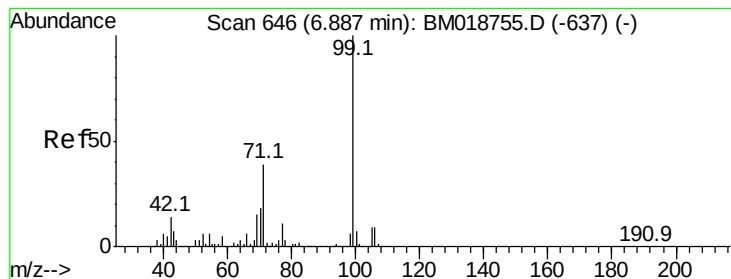


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 102.520 ng

RT: 6.86 min Scan# 641

Delta R.T. -0.03 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

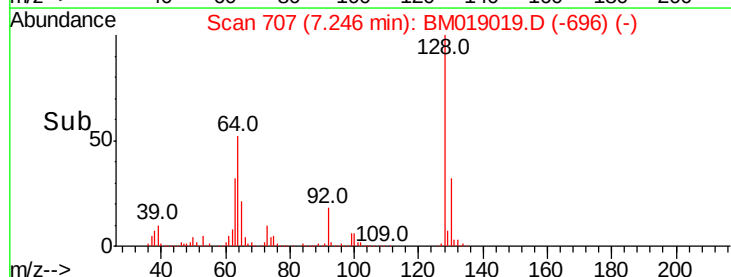
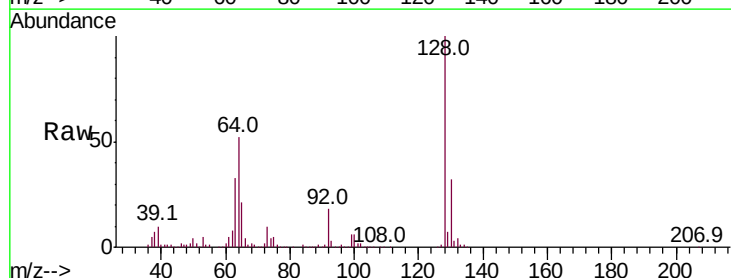
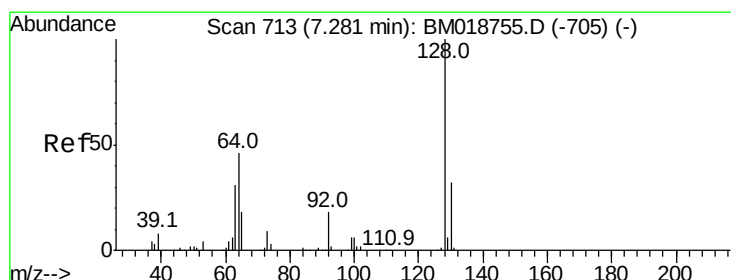
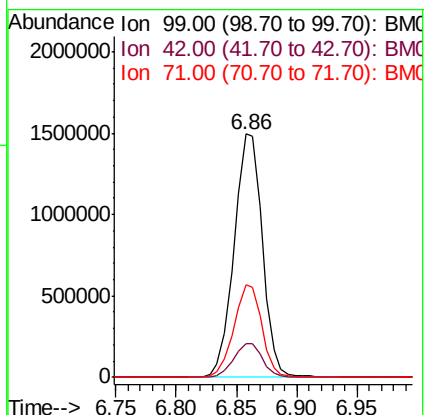
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 2446639

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.0	16.6
71	37.8	31.3	46.9



#8

2-Chlorophenol

Concen: 33.203 ng

RT: 7.25 min Scan# 707

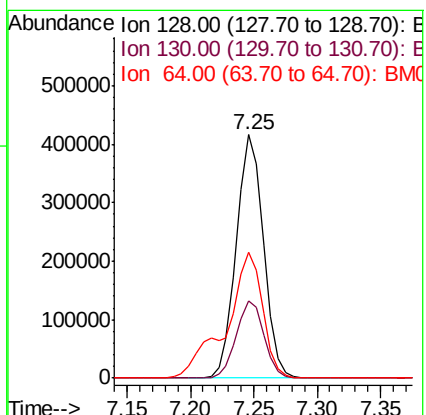
Delta R.T. -0.04 min

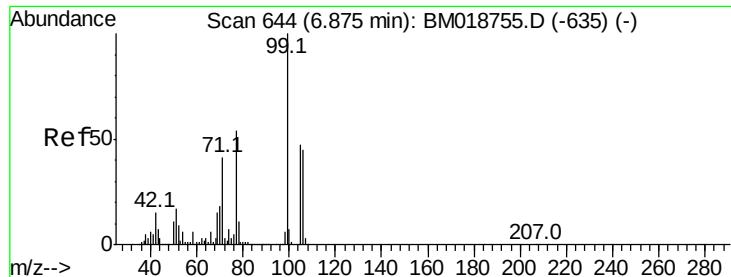
Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Tgt Ion: 128 Resp: 617547

Ion	Ratio	Lower	Upper
128	100		
130	31.9	11.7	51.7
64	51.7	31.0	71.0





#9

Benzaldehyde

Concen: 34.641 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.04 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

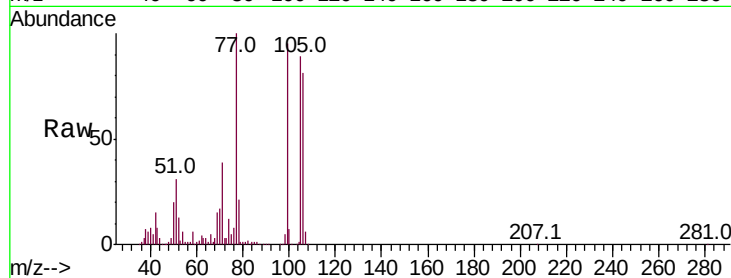
Tot Ion: 77 Resp: 468415

Ion Ratio Lower Upper

77 100

105 88.6 67.3 107.3

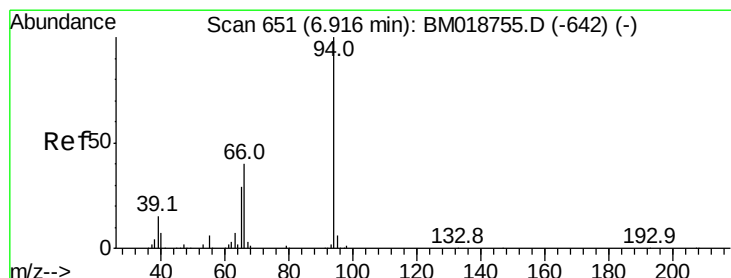
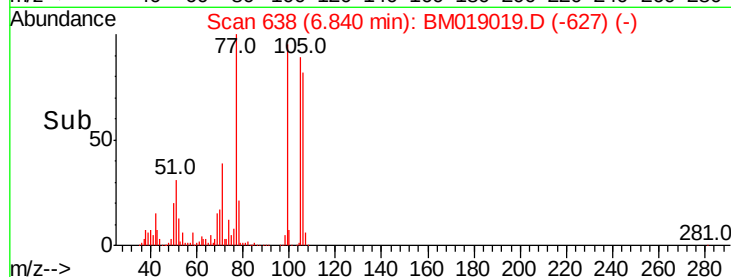
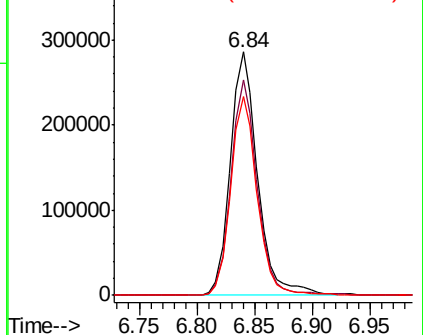
106 81.5 62.9 102.9



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: 35.706 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.03 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

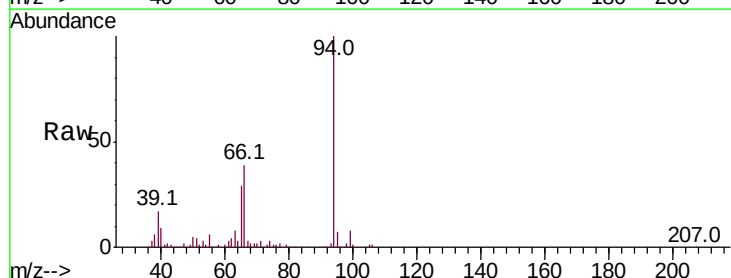
Tgt Ion: 94 Resp: 896606

Ion Ratio Lower Upper

94 100

65 29.2 9.6 49.6

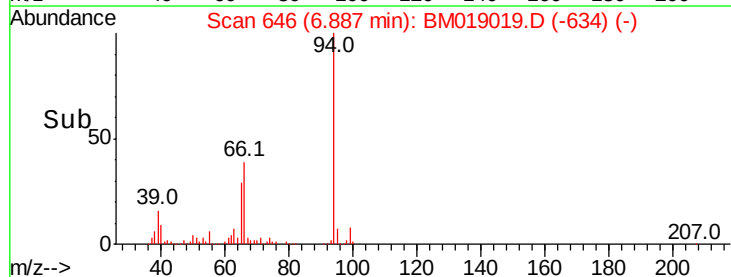
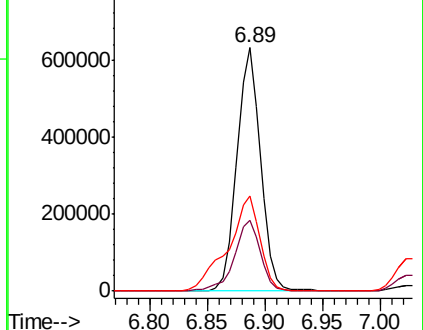
66 39.0 20.4 60.4

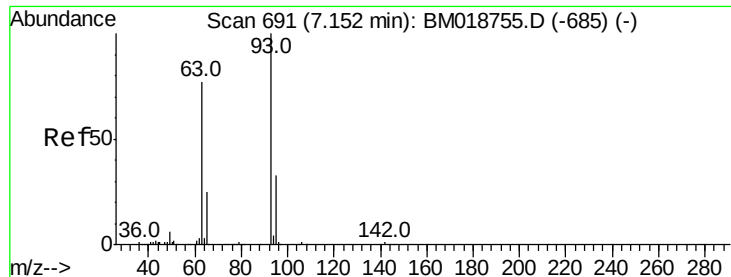


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

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

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

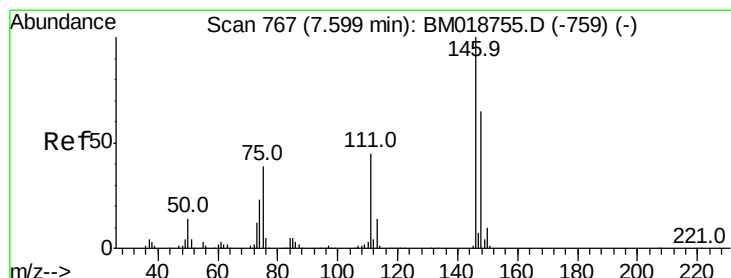
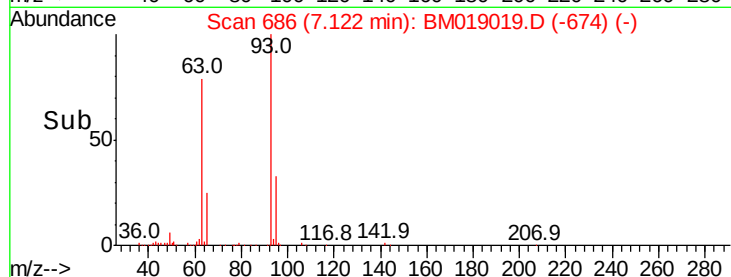
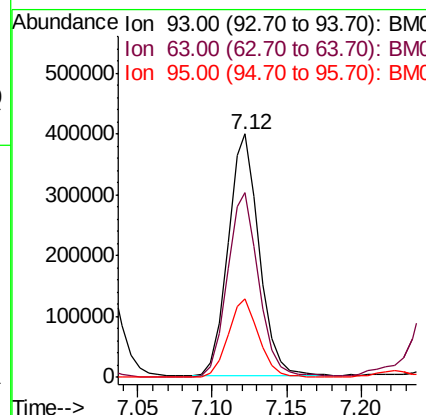
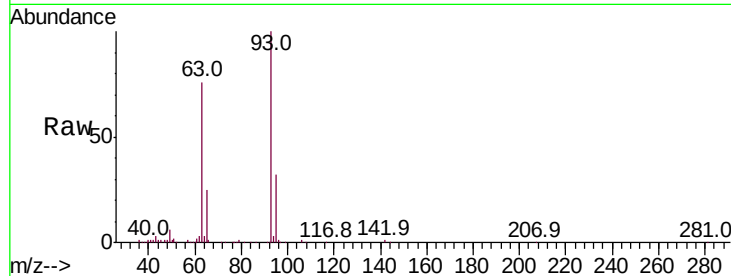




#11
bis(2-Chloroethyl)ether
Concen: 30.364 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.03 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

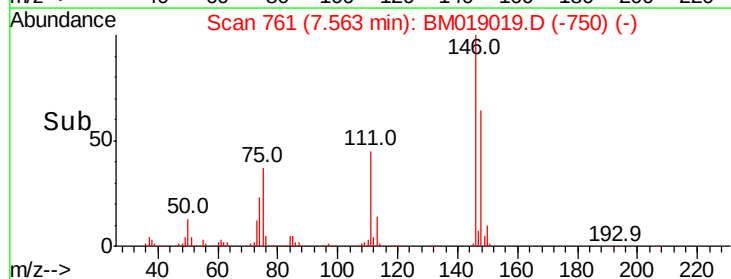
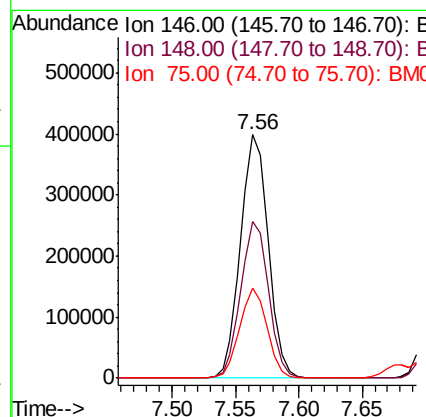
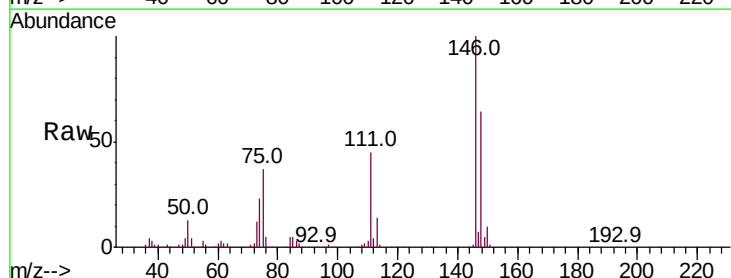
Instrument :
BNA_M
ClientSampled :

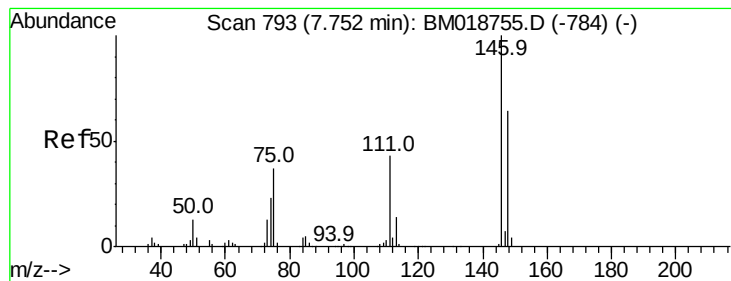
Tot Ion: 93 Resp: 581621
Ion Ratio Lower Upper
93 100
63 75.9 57.0 97.0
95 32.0 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 28.959 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.04 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion: 146 Resp: 605638
Ion Ratio Lower Upper
146 100
148 64.2 51.7 77.5
75 36.8 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 29.222 ng

RT: 7.72 min Scan# 787

Delta R.T. -0.04 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

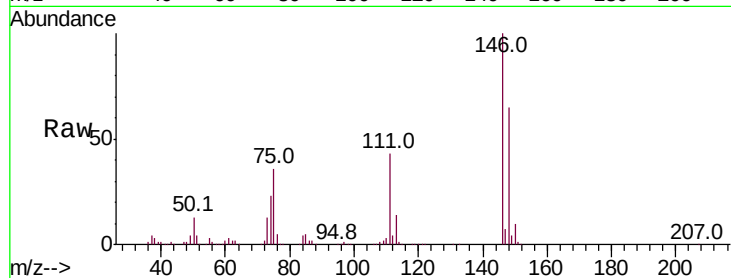
Tot Ion:146 Resp: 622169

Ion Ratio Lower Upper

146 100

148 65.4 51.4 77.2

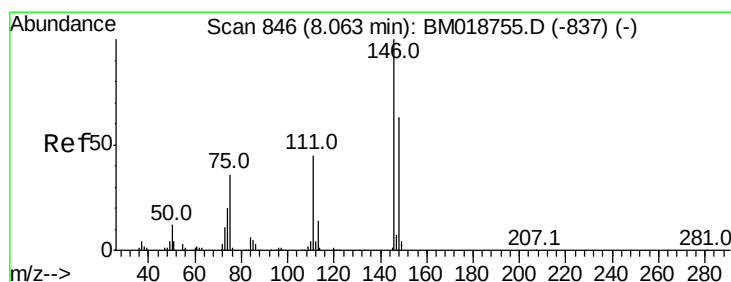
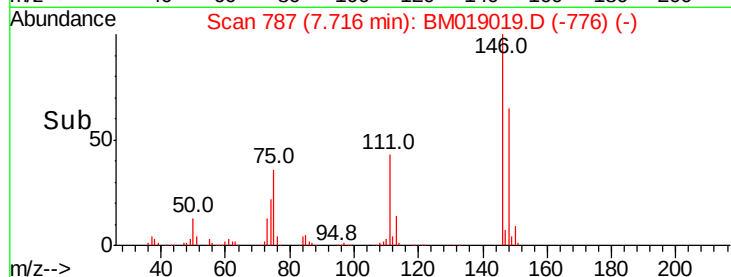
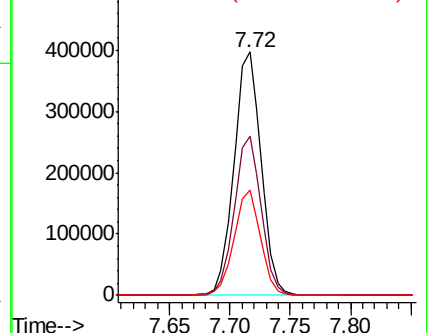
111 43.3 34.6 52.0



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: 29.546 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.04 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

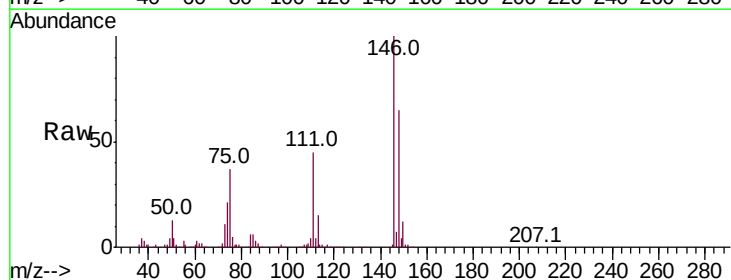
Tgt Ion:146 Resp: 604257

Ion Ratio Lower Upper

146 100

148 65.1 50.7 76.1

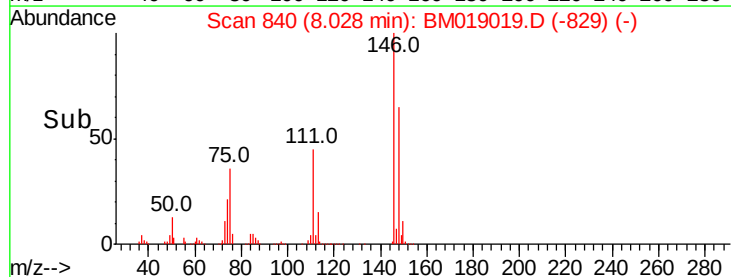
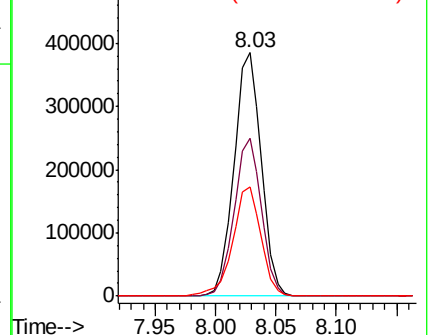
111 44.7 35.9 53.9

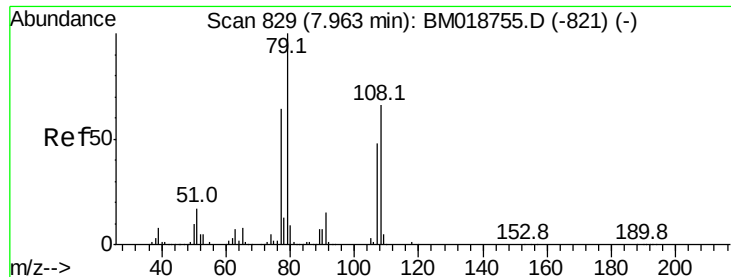


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 31.100 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampled :

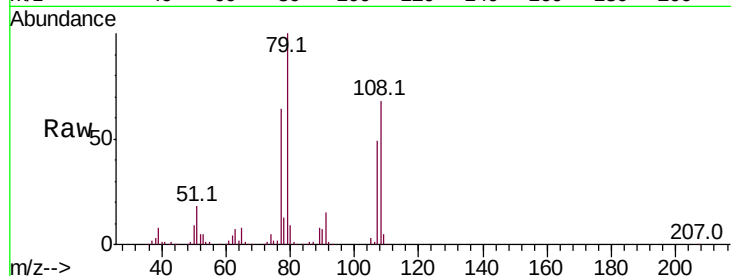
Tot Ion: 79 Resp: 589744

Ion Ratio Lower Upper

79 100

108 68.4 52.7 79.1

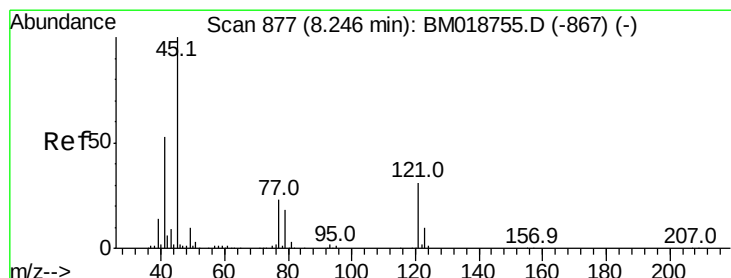
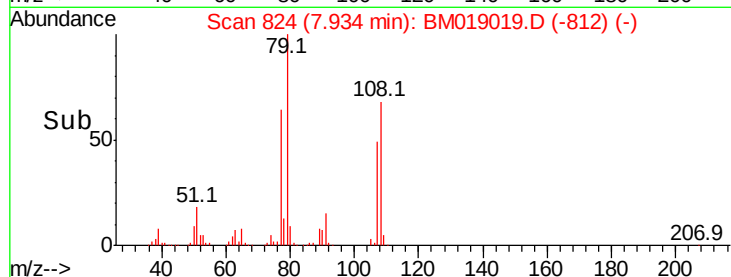
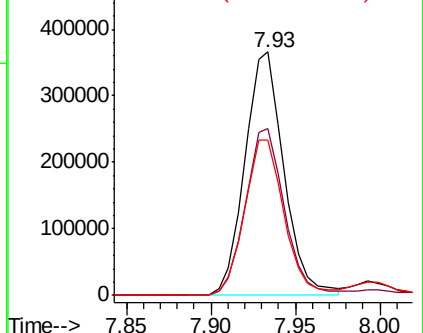
77 64.0 51.0 76.4



Abundance Ion 79.00 (78.70 to 79.70): BM018755.D (-821) (-)

Ion 108.00 (107.70 to 108.70): BM018755.D (-821) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-821) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.705 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.04 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

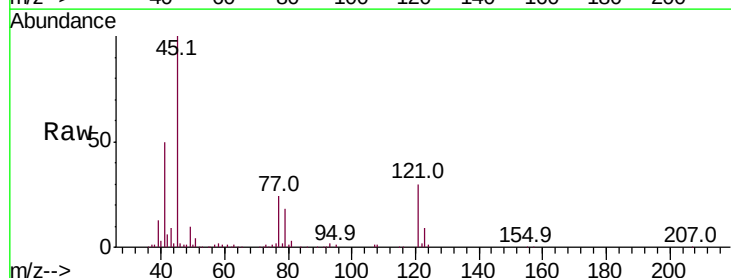
Tgt Ion: 45 Resp: 587784

Ion Ratio Lower Upper

45 100

77 23.7 5.0 45.0

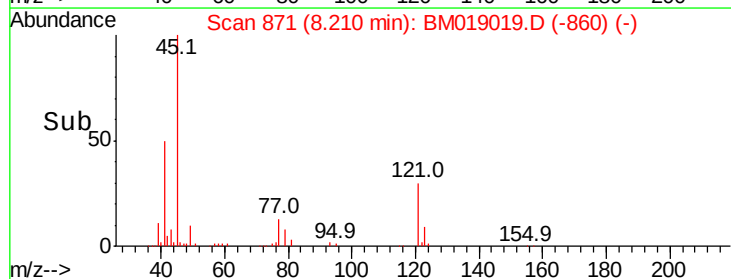
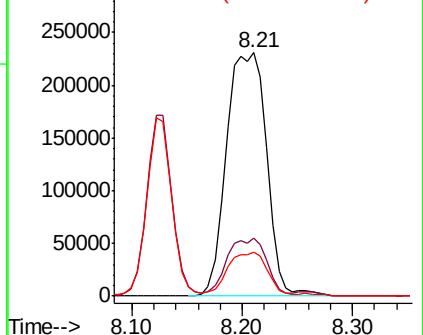
79 18.1 0.0 39.3

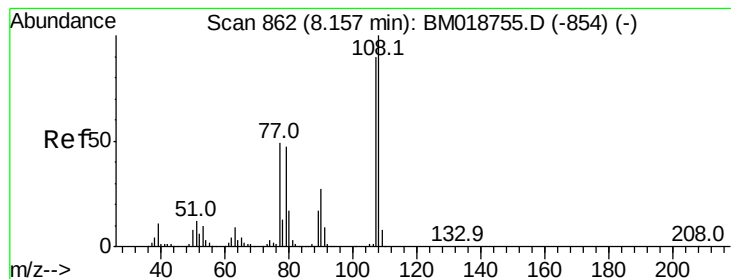


Abundance Ion 45.00 (44.70 to 45.70): BM018755.D (-867) (-)

Ion 77.00 (76.70 to 77.70): BM018755.D (-867) (-)

Ion 79.00 (78.70 to 79.70): BM018755.D (-867) (-)

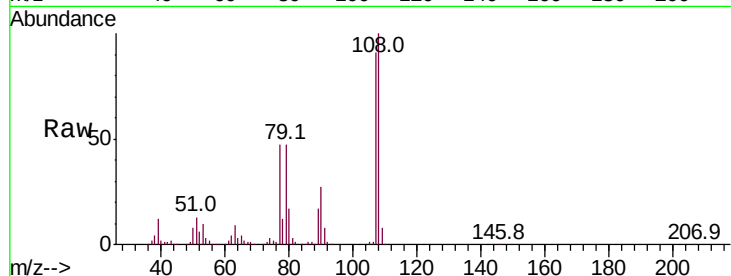




#17
2-Methylphenol
Concen: 33.319 ng
RT: 8.12 min Scan# 856
Delta R.T. -0.04 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.7	88.8	133.2
77	51.8	44.0	66.0
79	51.1	42.4	63.6



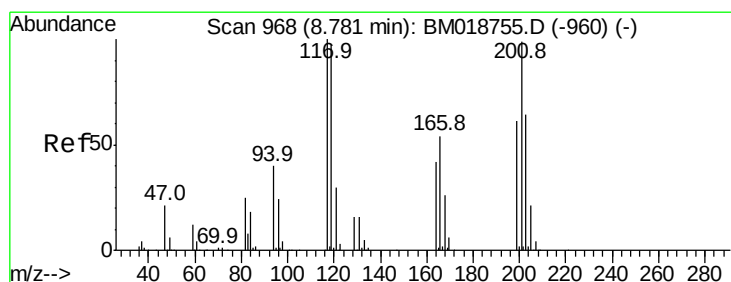
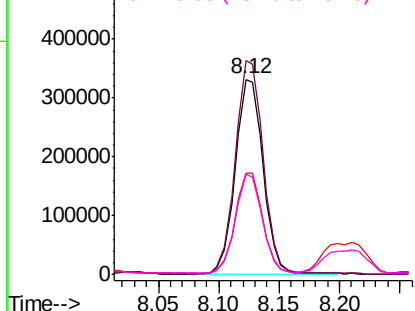
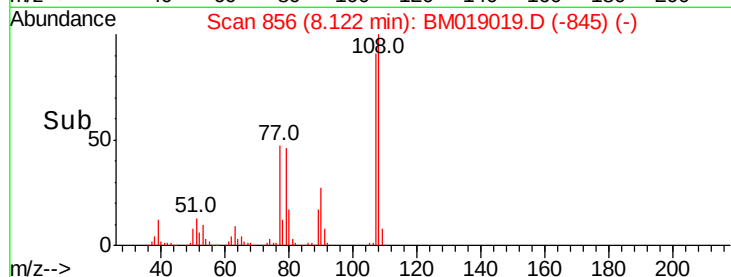
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

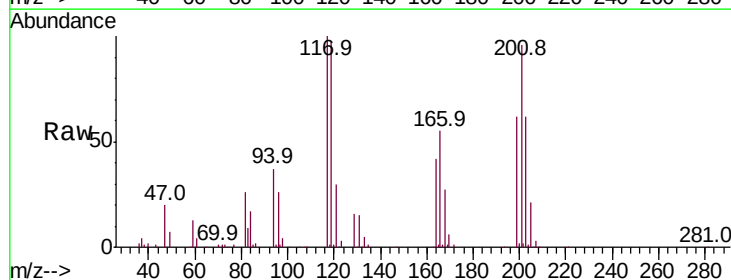
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 28.864 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.04 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.9	116.9
201	95.7	79.2	118.8

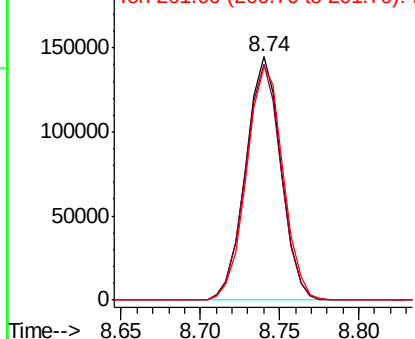
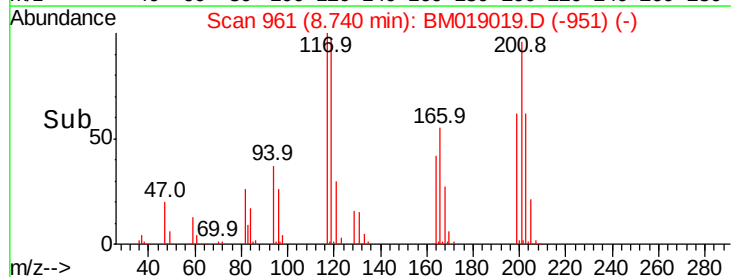


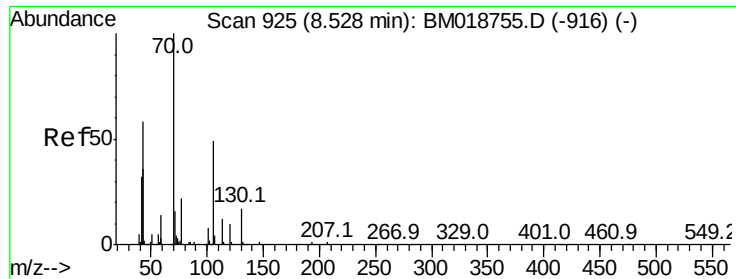
Abundance

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

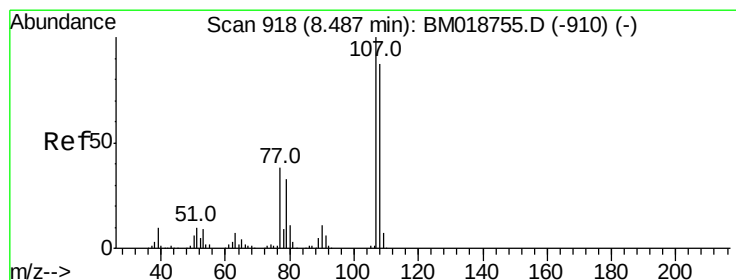
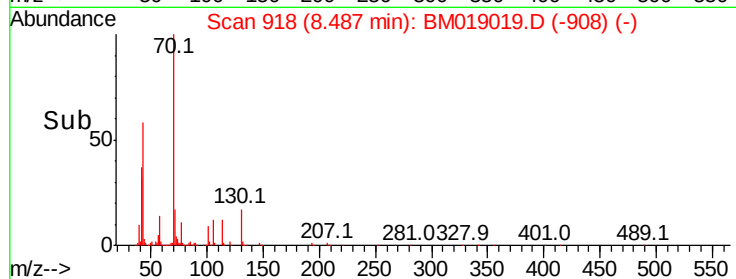
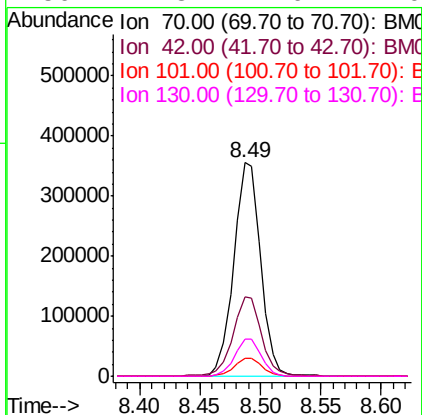
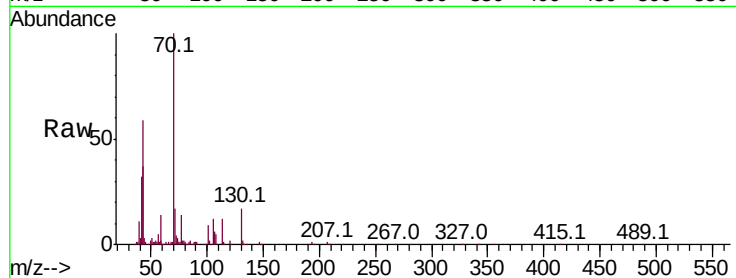




#19
n-Nitroso-di-n-propylamine
Concen: 29.924 ng
RT: 8.49 min Scan# 918
Delta R.T. -0.04 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

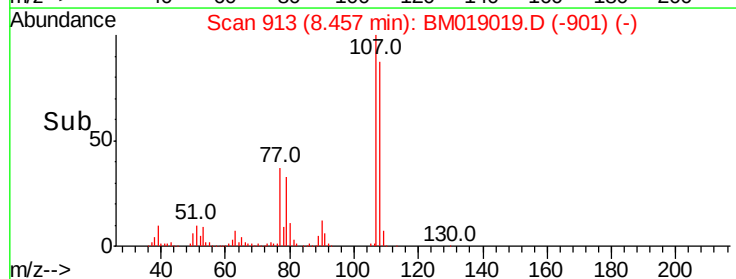
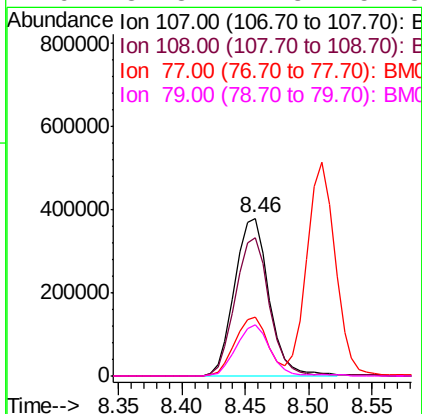
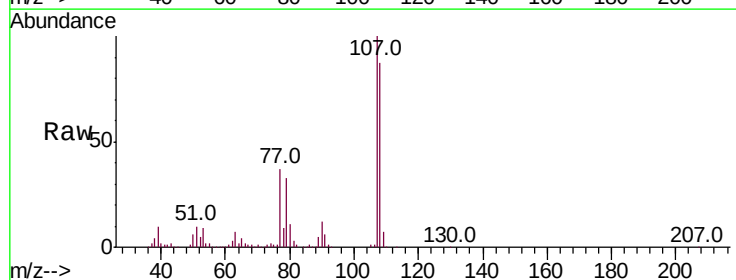
Instrument :
BNA_M
ClientSampleId :

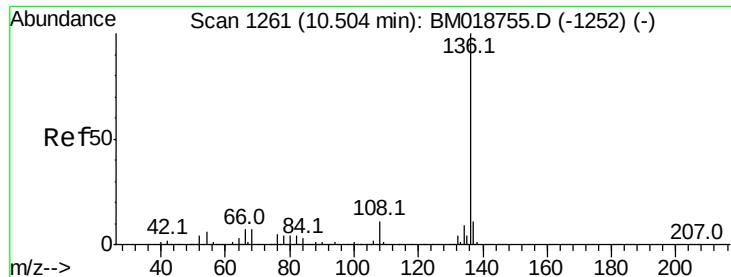
Tot Ion:	70	Resp:	552936
Ion	Ratio	Lower	Upper
70	100		
42	37.0	29.4	44.0
101	8.6	6.7	10.1
130	17.3	14.0	21.0



#20
3+4-Methylphenols
Concen: 32.360 ng
RT: 8.46 min Scan# 913
Delta R.T. -0.03 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion:	107	Resp:	714158
Ion	Ratio	Lower	Upper
107	100		
108	87.4	67.3	107.3
77	37.2	18.0	58.0
79	32.8	12.8	52.8

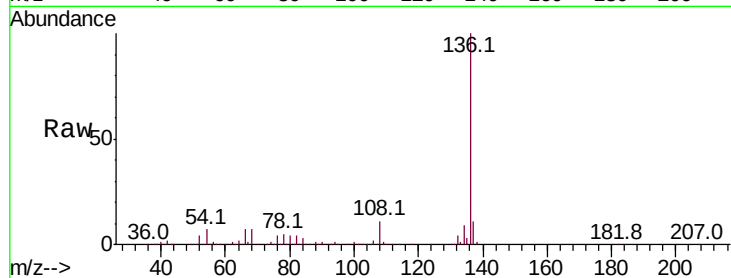




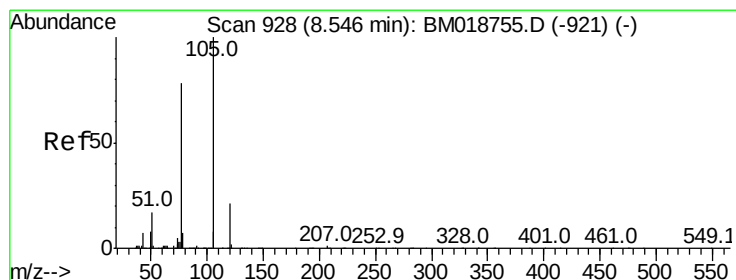
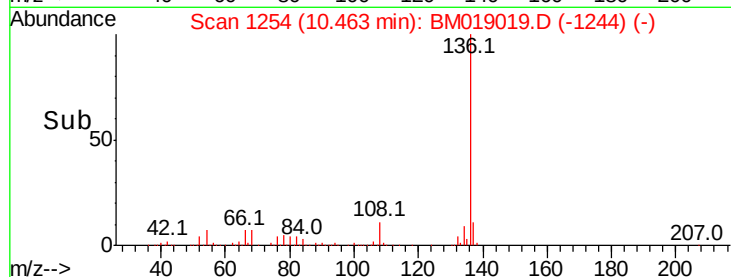
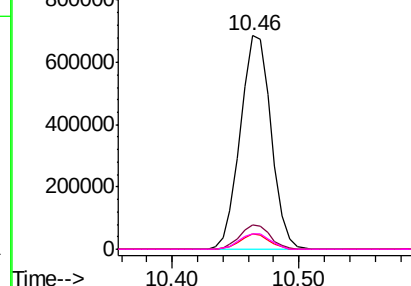
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1254
Delta R.T. -0.04 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:136 Resp: 1155126
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.3 5.0 7.6
68 7.4 5.5 8.3

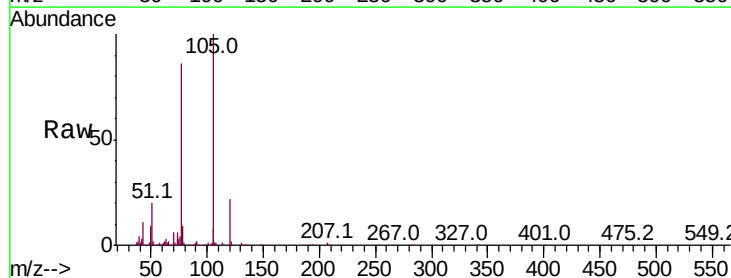


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

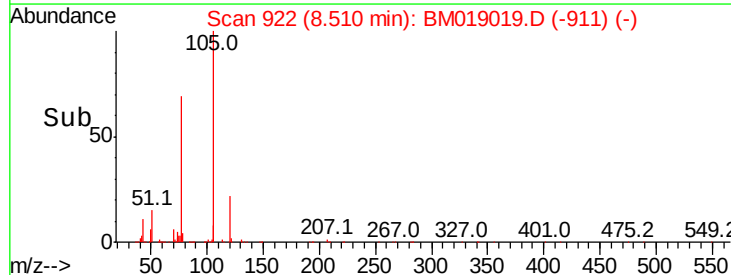
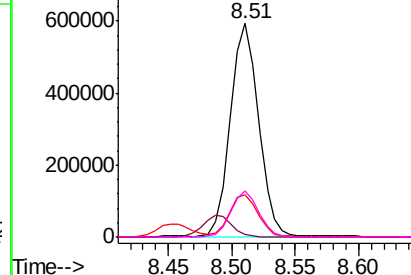


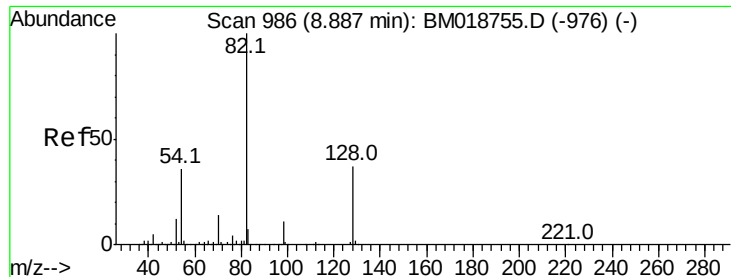
#22
Acetophenone
Concen: 28.751 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.04 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion:105 Resp: 912027
Ion Ratio Lower Upper
105 100
71 1.0 1.1 1.7#
51 19.7 15.5 23.3
120 21.6 17.0 25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BM0
Ion 51.00 (50.70 to 51.70): BM0
Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 61.621 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.04 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

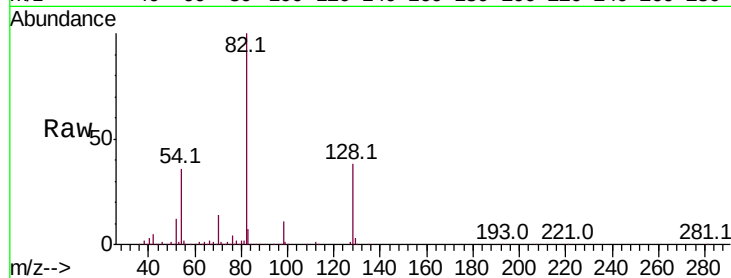
Tot Ion: 82 Resp: 1539407

Ion Ratio Lower Upper

82 100

128 38.2 29.9 44.9

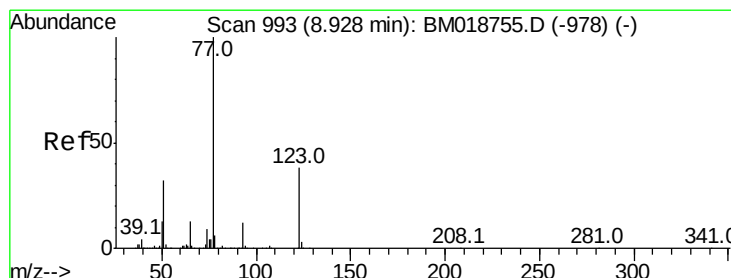
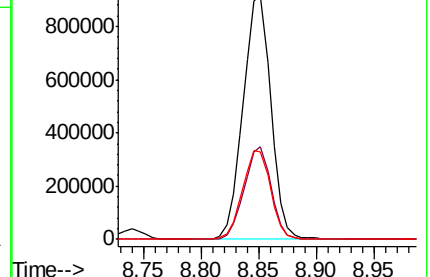
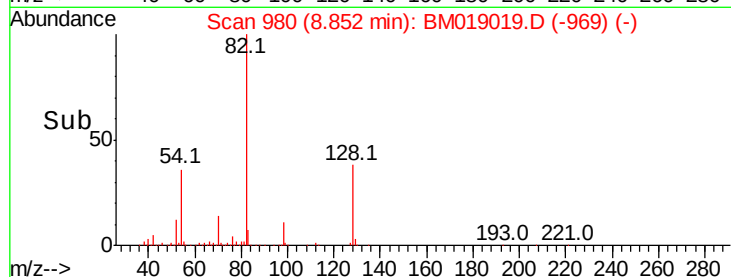
54 36.2 29.1 43.7



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: 29.875 ng

RT: 8.89 min Scan# 987

Delta R.T. -0.04 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

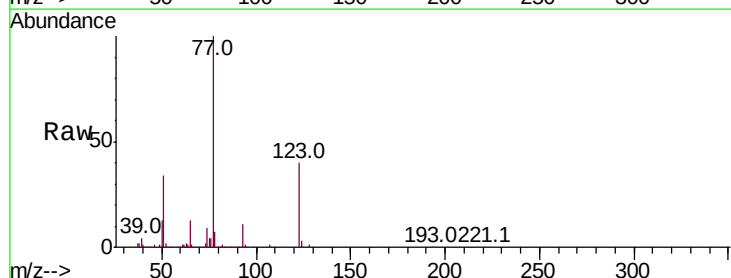
Tgt Ion: 77 Resp: 774683

Ion Ratio Lower Upper

77 100

123 39.7 30.7 46.1

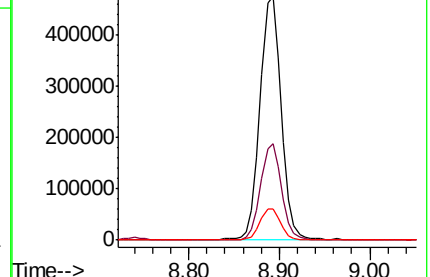
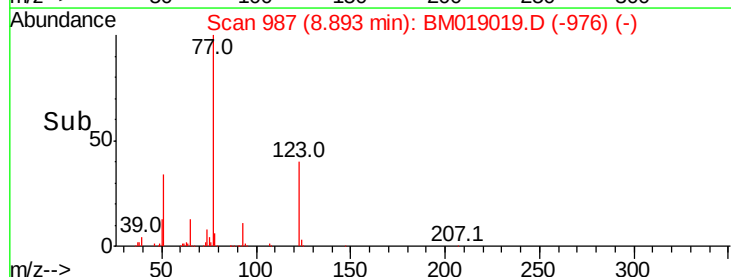
65 13.0 10.5 15.7

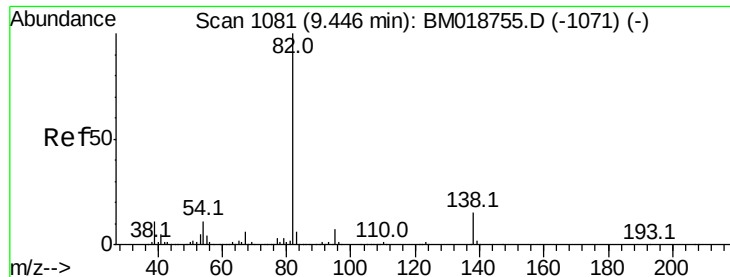


Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)

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

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

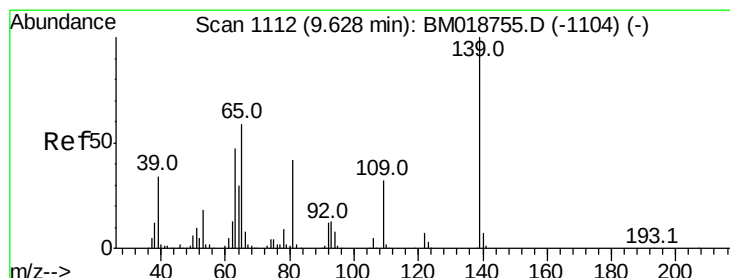
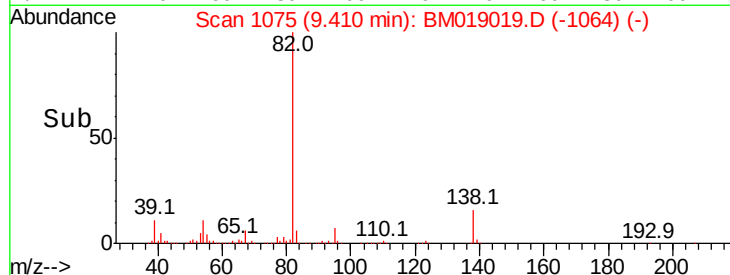
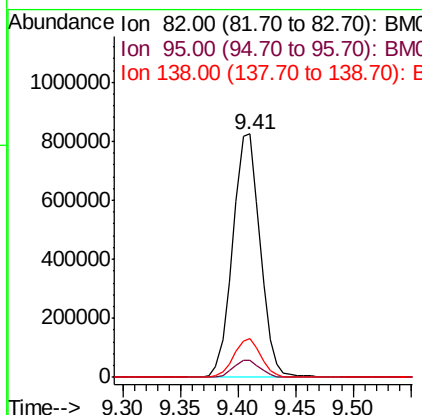
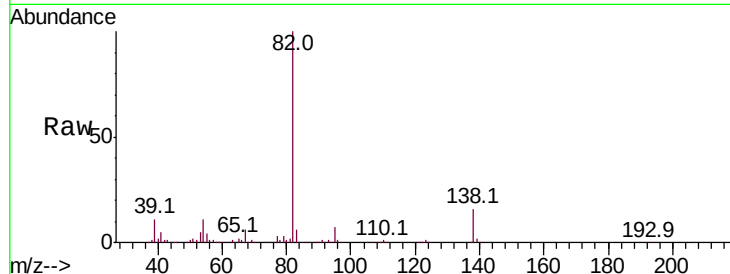




#25
Isophorone
Concen: 34.167 ng
RT: 9.41 min Scan# 1075
Delta R.T. -0.04 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

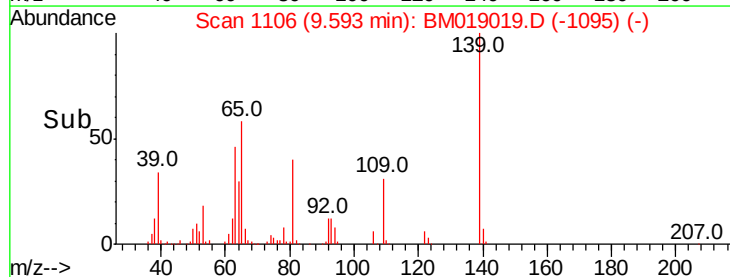
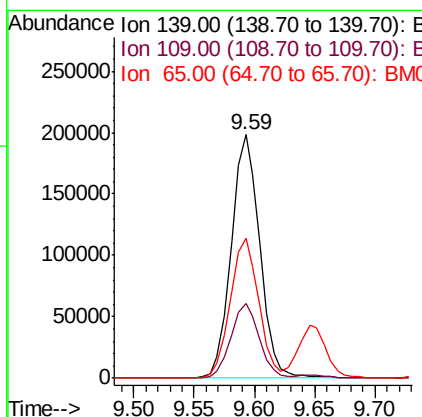
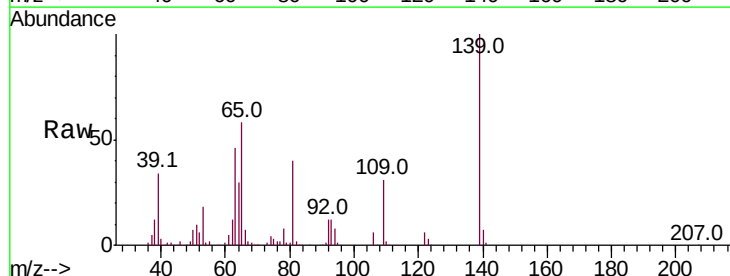
Instrument :
BNA_M
ClientSampled :

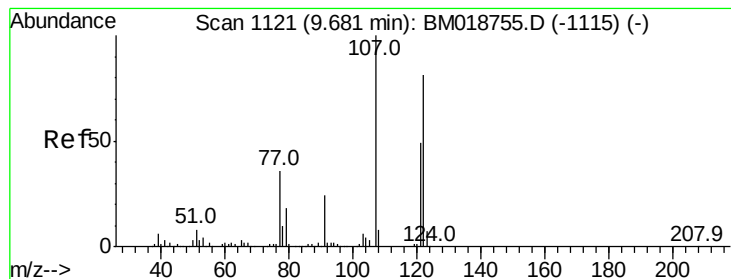
Tot Ion: 82 Resp: 1361924
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 15.8 12.3 18.5



#26
2-Nitrophenol
Concen: 31.554 ng
RT: 9.59 min Scan# 1106
Delta R.T. -0.04 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion: 139 Resp: 325851
Ion Ratio Lower Upper
139 100
109 30.6 25.2 37.8
65 57.5 47.0 70.4

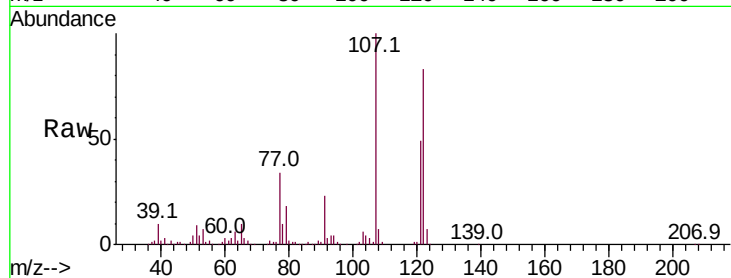




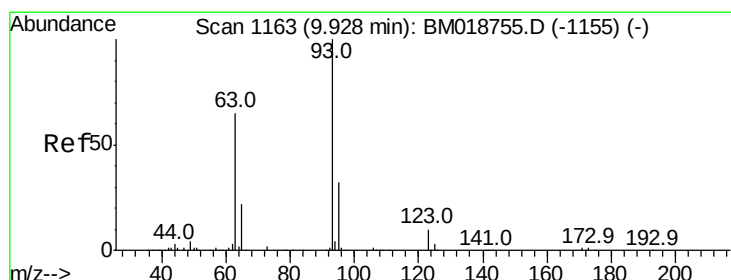
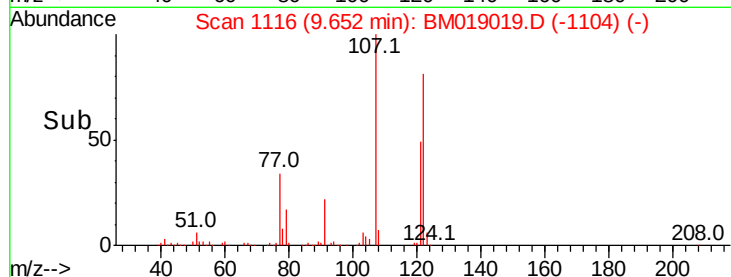
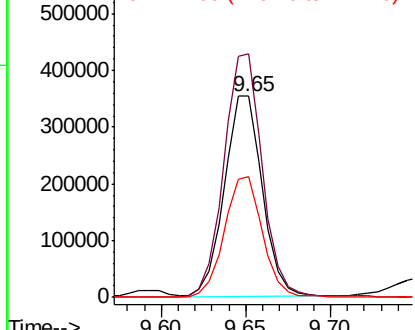
#27
 2,4-Dimethylphenol
 Concen: 36.399 ng
 RT: 9.65 min Scan# 1116
 Delta R.T. -0.03 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:122 Resp: 548994
 Ion Ratio Lower Upper
 122 100
 107 121.1 97.6 146.4
 121 59.9 47.9 71.9

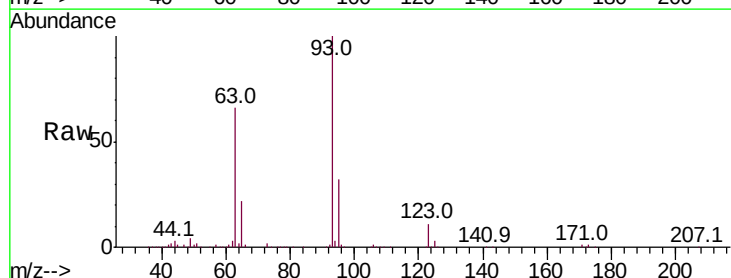


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

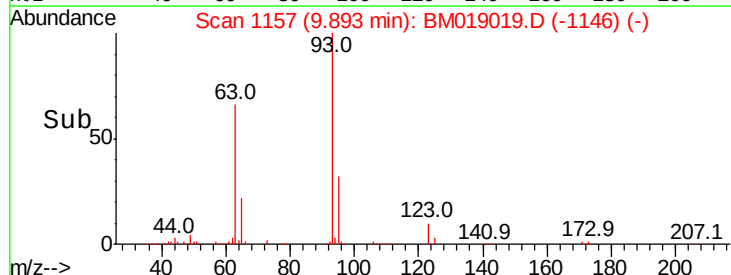
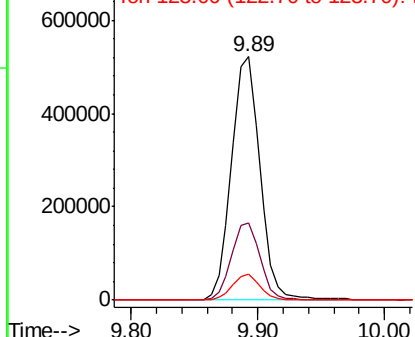


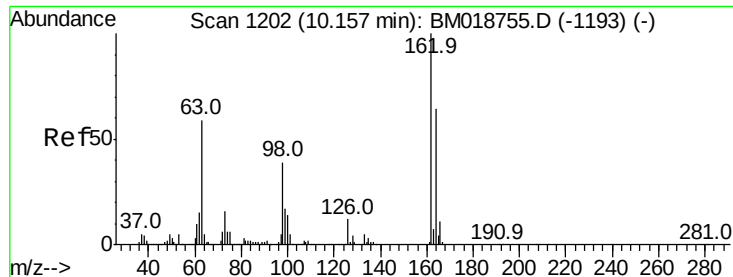
#28
 bis(2-Chloroethoxy)methane
 Concen: 31.504 ng
 RT: 9.89 min Scan# 1157
 Delta R.T. -0.04 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Tgt Ion: 93 Resp: 812072
 Ion Ratio Lower Upper
 93 100
 95 32.0 25.6 38.4
 123 10.6 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

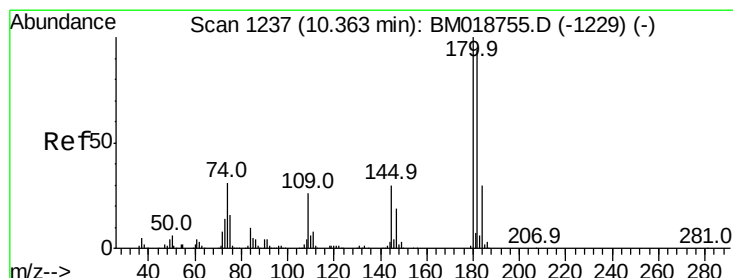
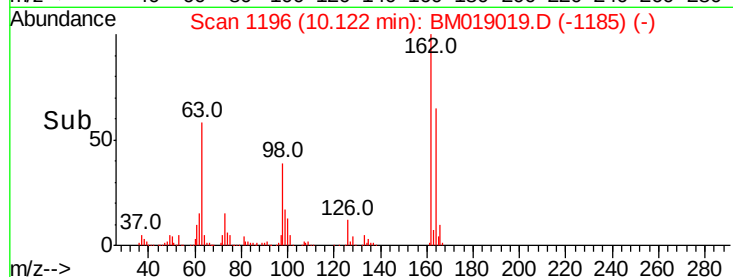
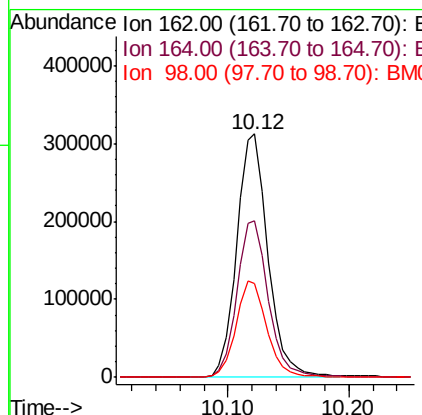
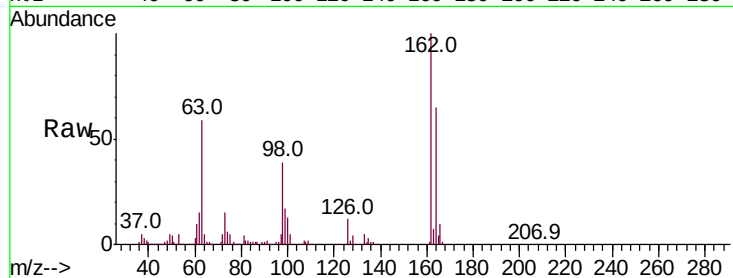




#29
 2,4-Dichlorophenol
 Concen: 32.458 ng
 RT: 10.12 min Scan# 1196
 Delta R.T. -0.04 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

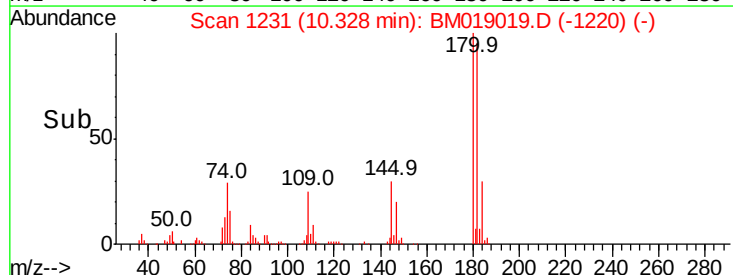
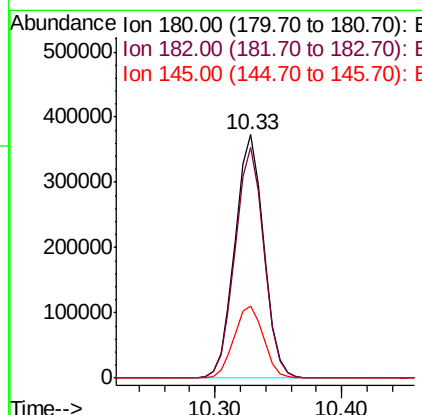
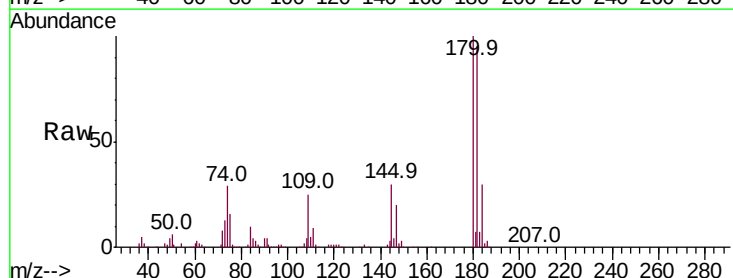
Instrument :
 BNA_M
 ClientSampleId :

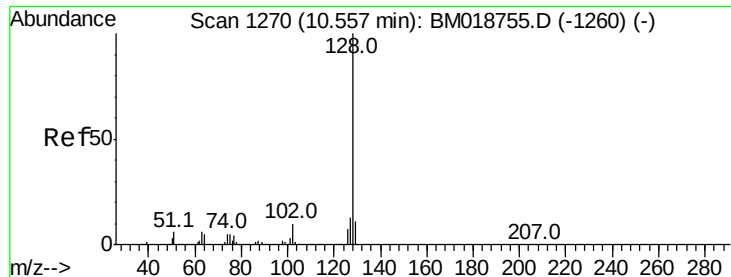
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	44.1	84.1
98	38.6	19.4	59.4



#30
 1,2,4-Trichlorobenzene
 Concen: 29.262 ng
 RT: 10.33 min Scan# 1231
 Delta R.T. -0.04 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	75.0	112.6
145	29.6	24.1	36.1

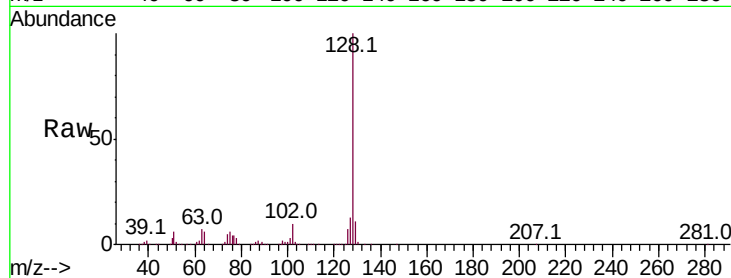




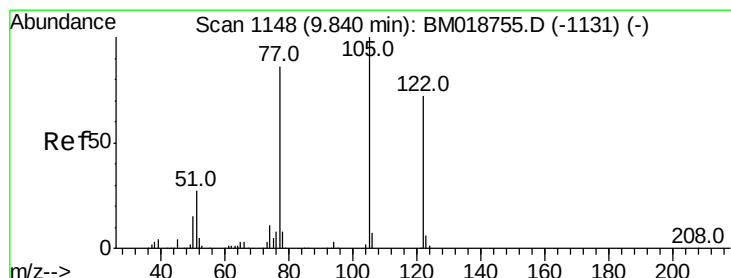
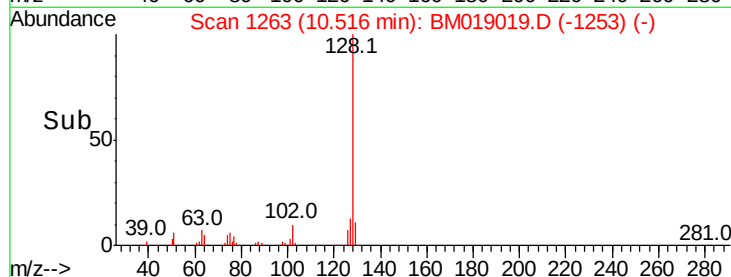
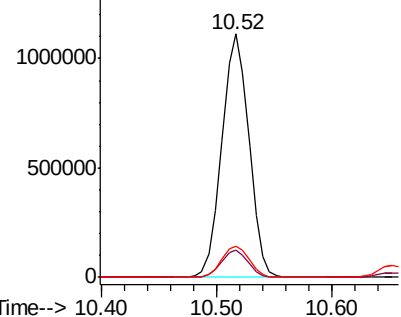
#31
Naphthalene
Concen: 32.115 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.04 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampled :

Tot Ion:128 Resp: 1809233
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 12.9 10.7 16.1

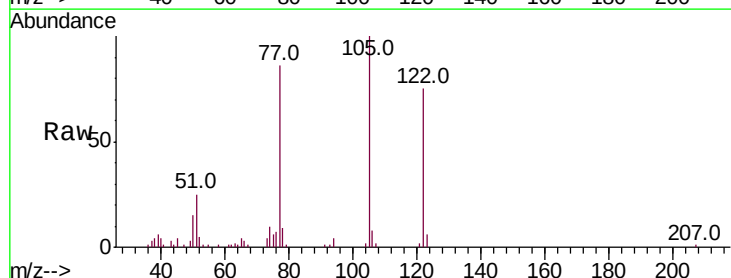


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

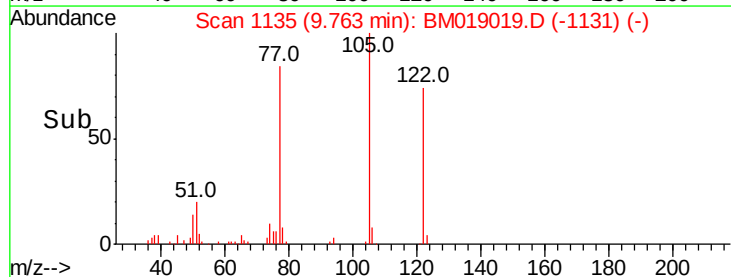
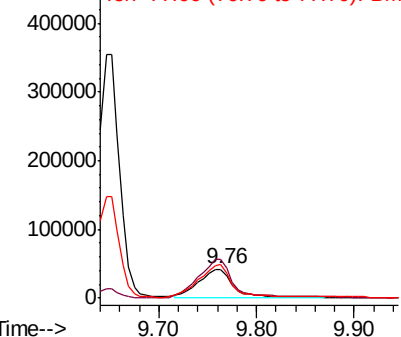


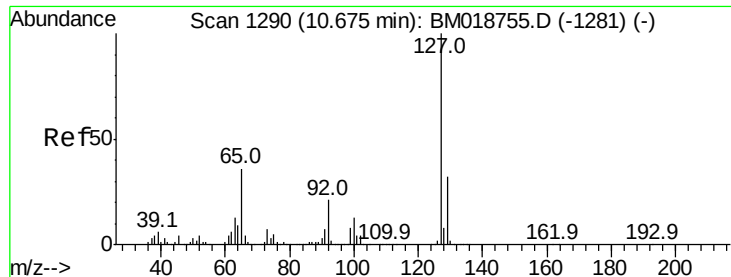
#32
Benzoic acid
Concen: 7.366 ng
RT: 9.76 min Scan# 1135
Delta R.T. -0.08 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion:122 Resp: 96915
Ion Ratio Lower Upper
122 100
105 134.1 117.5 157.5
77 115.9 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

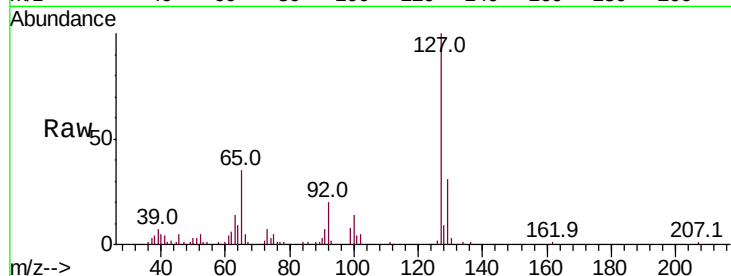




#33
4-Chloroaniline
Concen: 4.442 ng
RT: 10.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	127	Resp:	111862
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.7	38.5
65	34.9	28.7	43.1
92	20.1	17.0	25.4



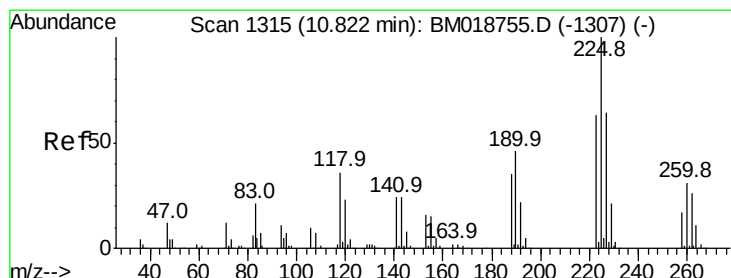
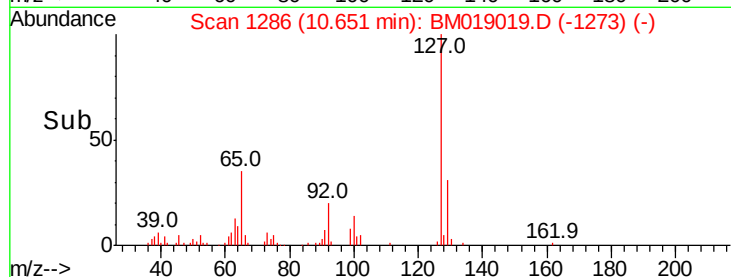
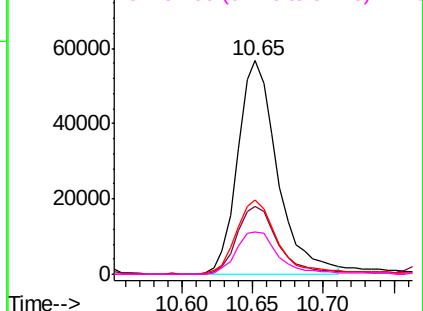
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

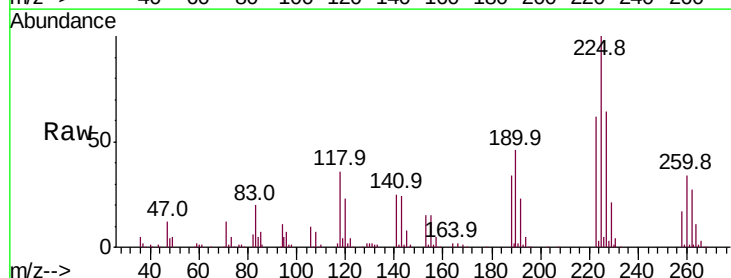
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 27.039 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion:	225	Resp:	313905
Ion	Ratio	Lower	Upper
225	100		
223	61.6	50.1	75.1
227	63.8	51.4	77.0

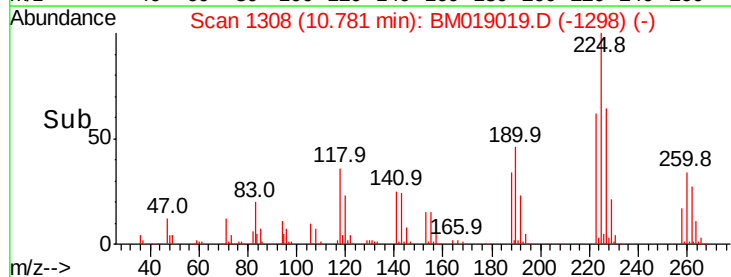
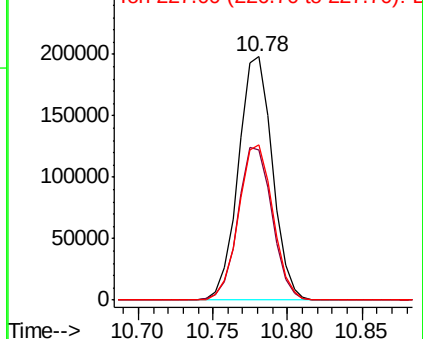


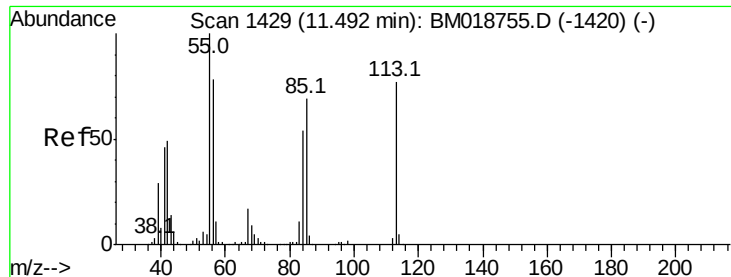
Abundance

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

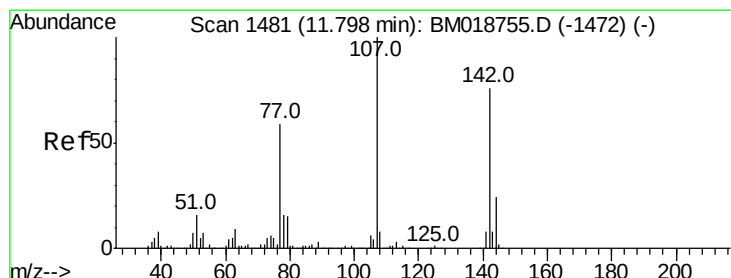
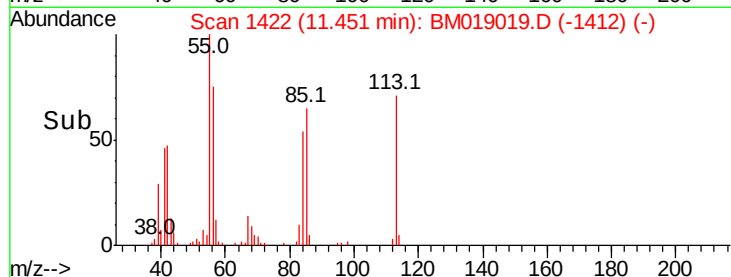
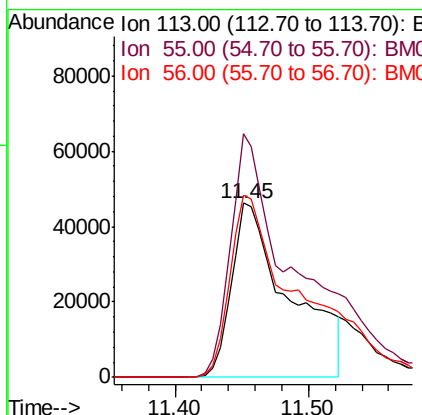
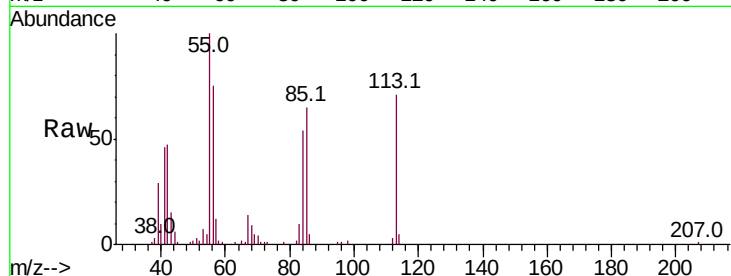




#35
 Caprolactam
 Concen: 19.827 ng
 RT: 11.45 min Scan# 1422
 Delta R.T. -0.04 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

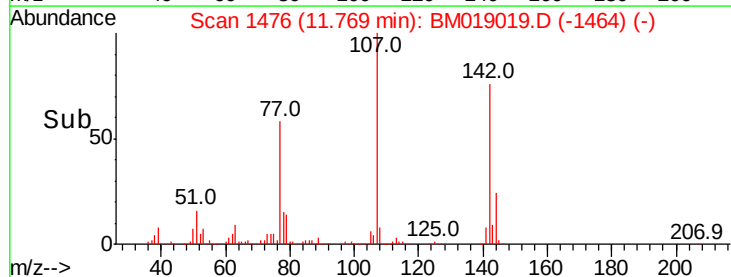
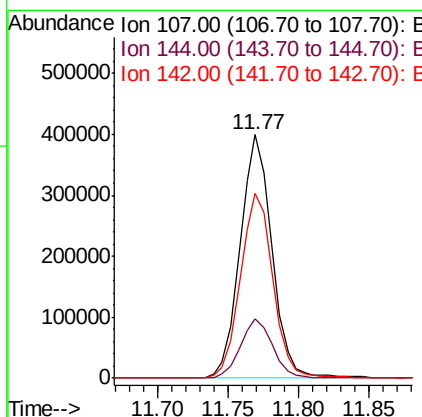
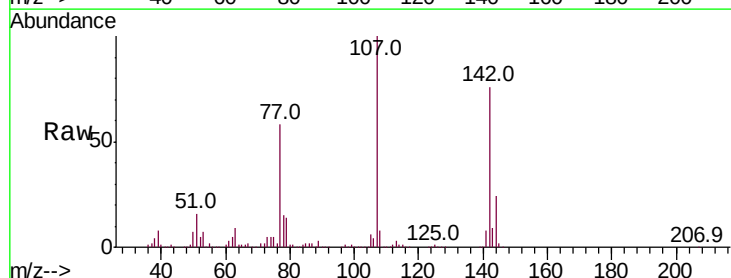
Instrument :
 BNA_M
 ClientSampleId :

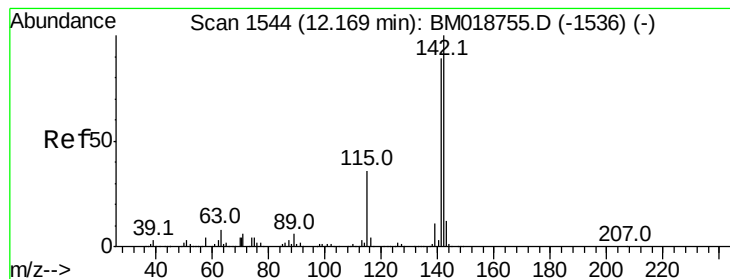
Tot Ion:113 Resp: 140136
 Ion Ratio Lower Upper
 113 100
 55 140.0 110.7 150.7
 56 105.0 82.4 122.4



#36
 4-Chloro-3-methylphenol
 Concen: 30.120 ng
 RT: 11.77 min Scan# 1476
 Delta R.T. -0.03 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Tgt Ion:107 Resp: 628933
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.3 28.9
 142 75.8 60.5 90.7

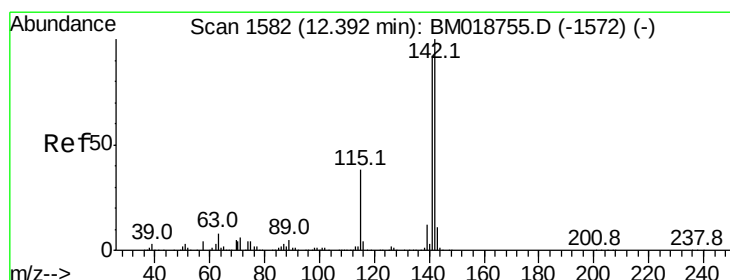
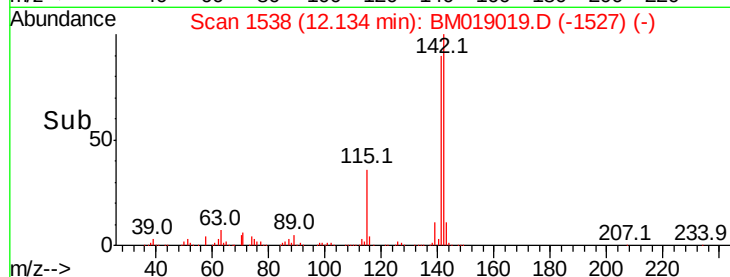
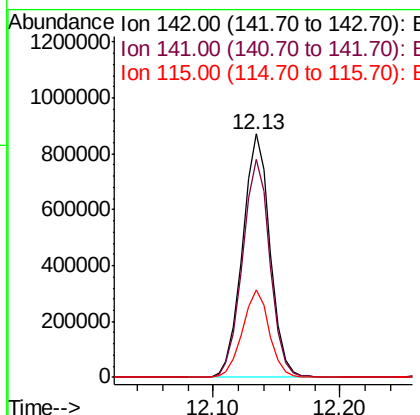
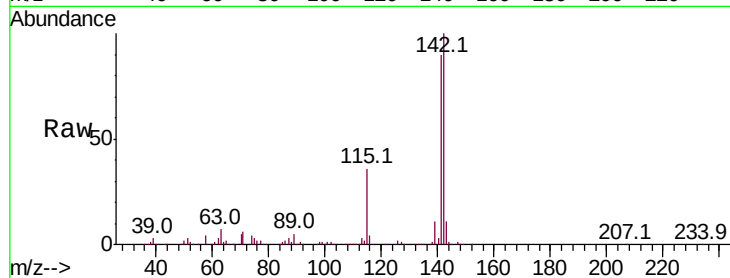




#37
 2-Methylnaphthalene
 Concen: 33.028 ng
 RT: 12.13 min Scan# 1538
 Delta R.T. -0.04 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

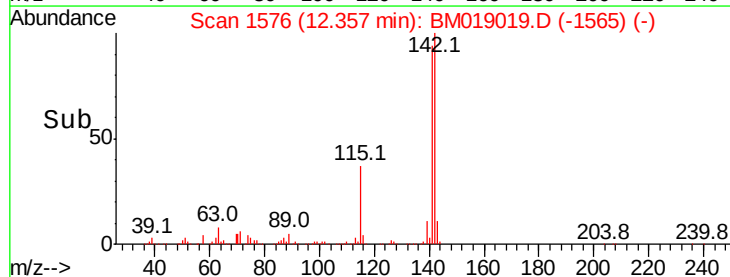
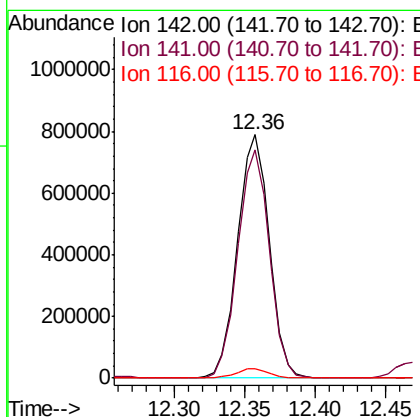
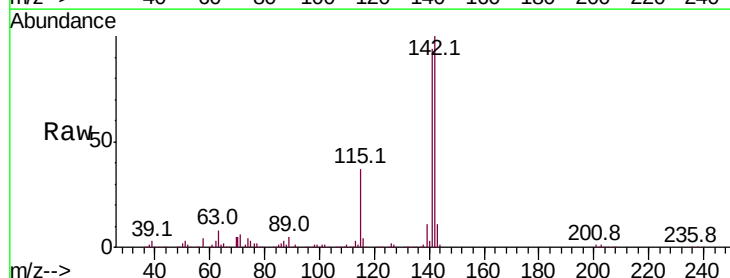
Instrument :
 BNA_M
 ClientSampleId :

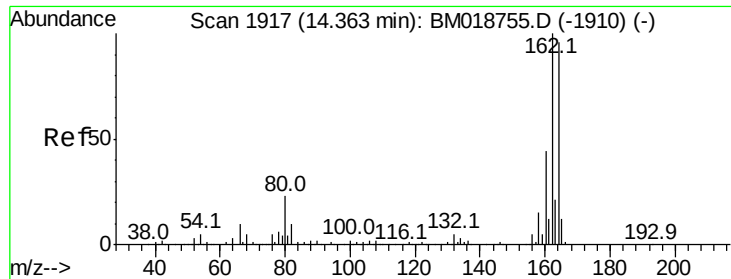
Tot Ion:142 Resp: 1310014
 Ion Ratio Lower Upper
 142 100
 141 89.5 71.2 106.8
 115 35.8 29.1 43.7



#38
 1-Methylnaphthalene
 Concen: 31.889 ng
 RT: 12.36 min Scan# 1576
 Delta R.T. -0.04 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Tgt Ion:142 Resp: 1236854
 Ion Ratio Lower Upper
 142 100
 141 93.7 73.9 110.9
 116 3.8 3.0 4.4

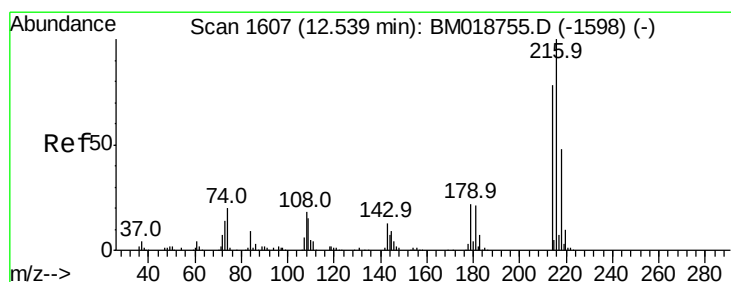
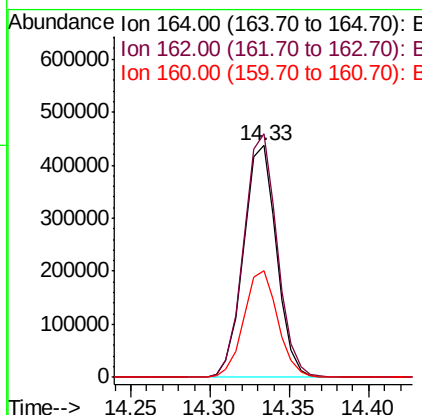
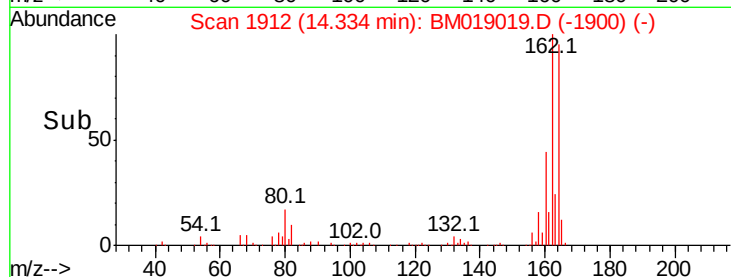
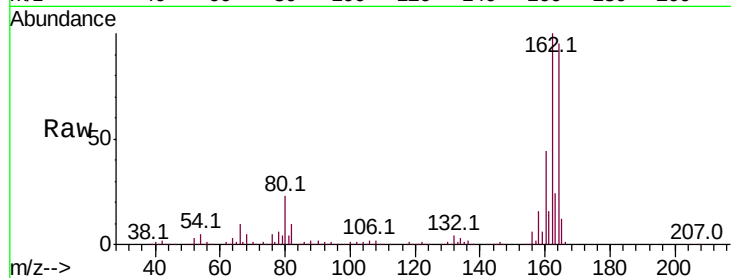




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.33 min Scan# 1912
Delta R.T. -0.03 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

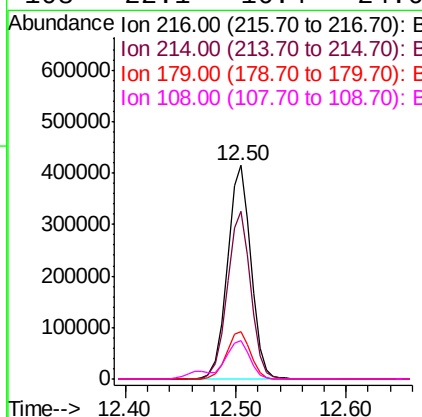
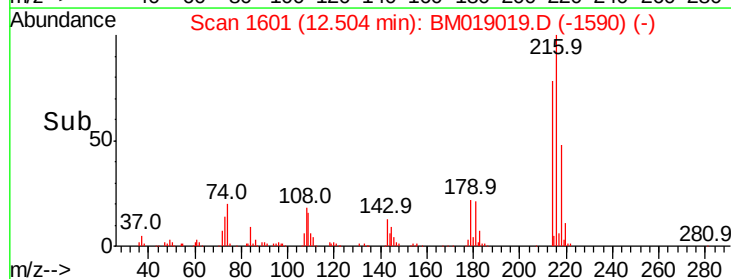
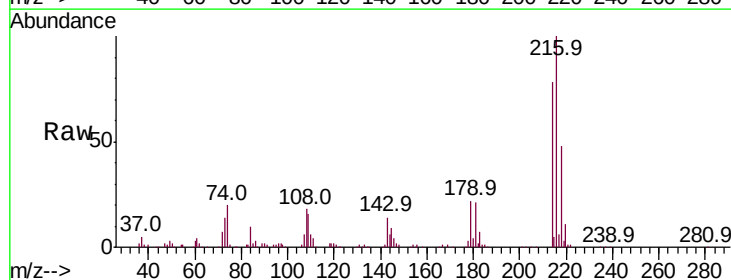
Instrument :
BNA_M
ClientSampleId :

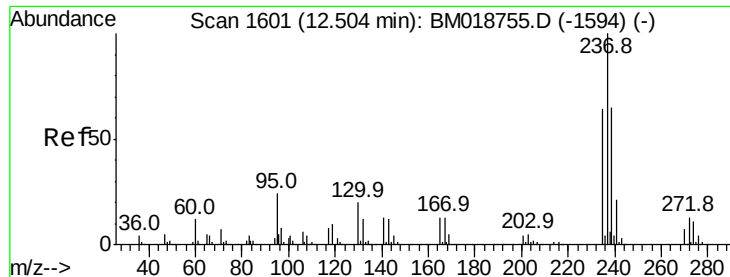
Tot Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.4	125.0
160	45.7	36.6	55.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 30.573 ng
RT: 12.50 min Scan# 1601
Delta R.T. -0.04 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.2	94.8
179	22.5	17.8	26.8
108	22.1	16.4	24.6

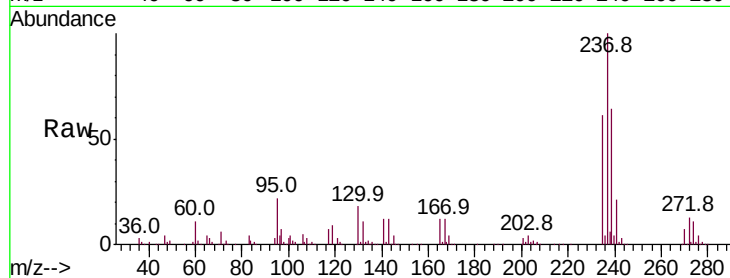




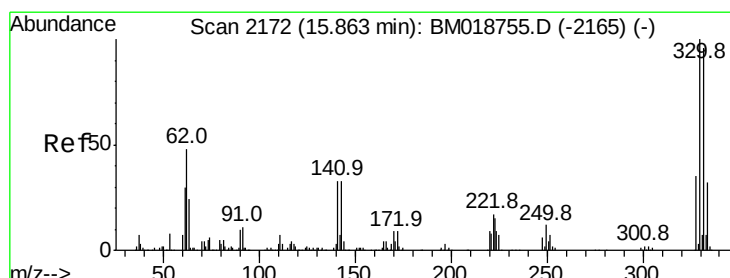
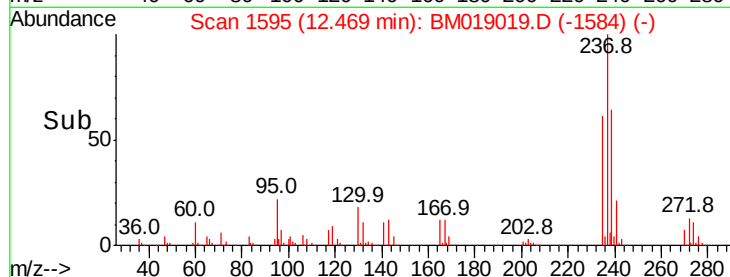
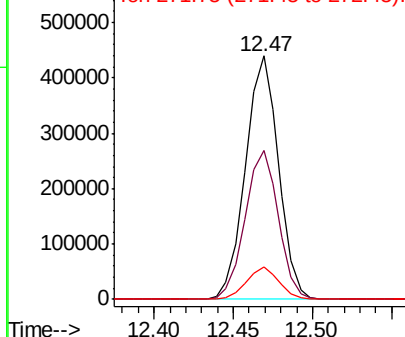
#41
Hexachlorocyclopentadiene
Concen: 61.504 ng
RT: 12.47 min Scan# 1595
Delta R.T. -0.04 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	61.2	43.7	83.7
272	13.3	0.0	33.3

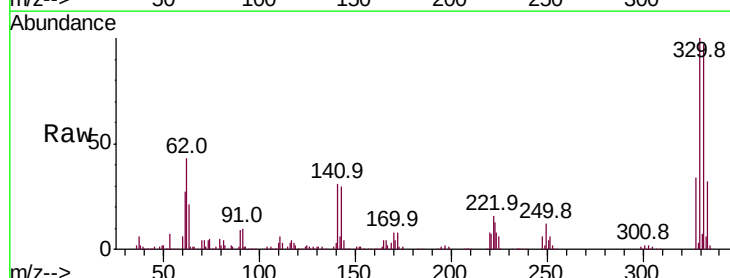


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

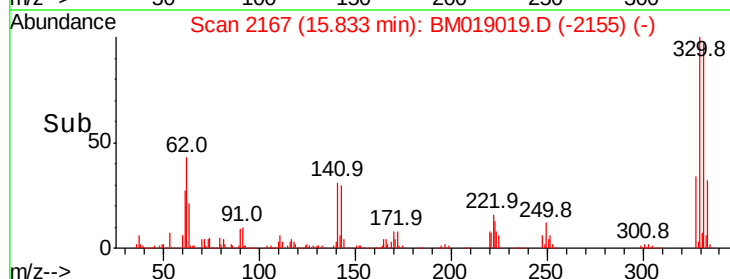
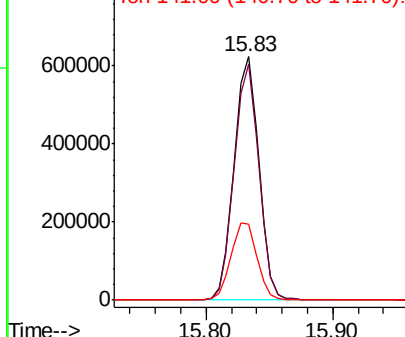


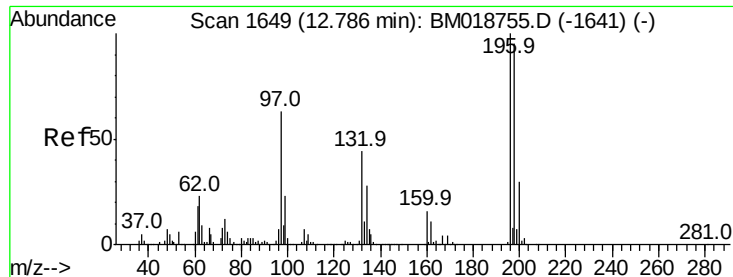
#42
2,4,6-Tribromophenol
Concen: 92.613 ng
RT: 15.83 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.9	115.3
141	33.4	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

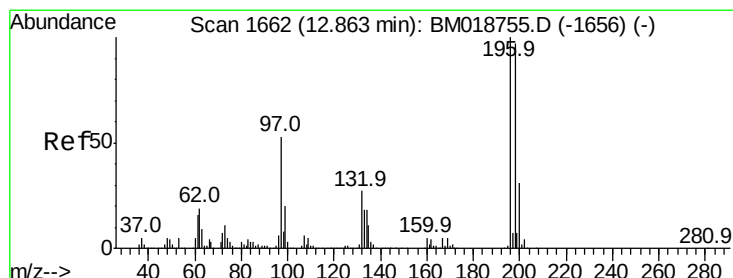
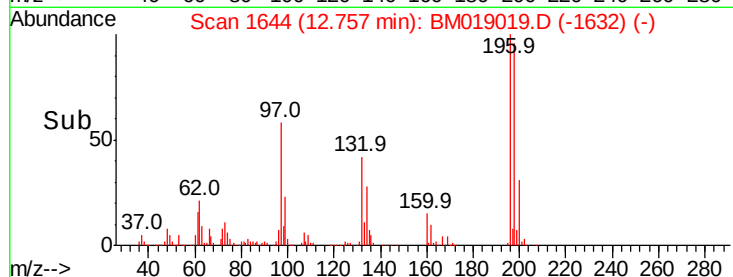
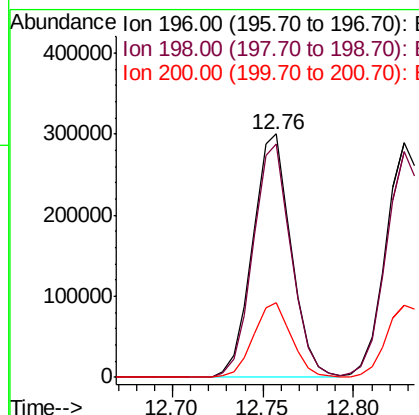
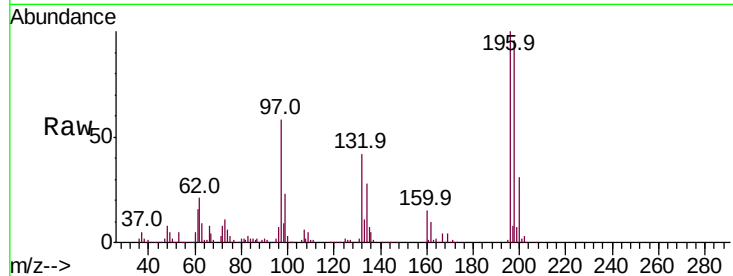




#43
 2,4,6-Trichlorophenol
 Concen: 33.011 ng
 RT: 12.76 min Scan# 1644
 Delta R.T. -0.03 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

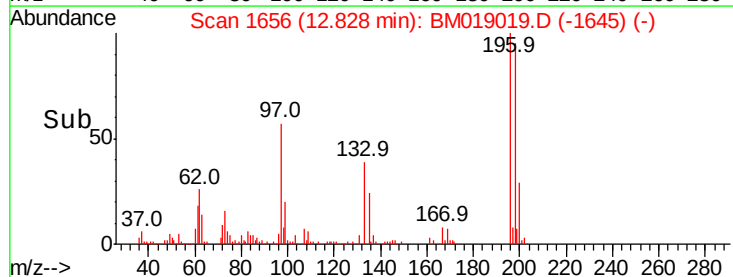
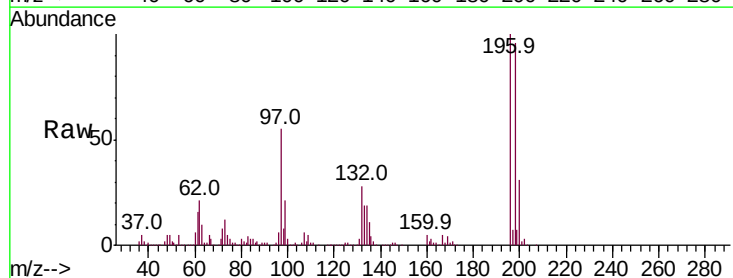
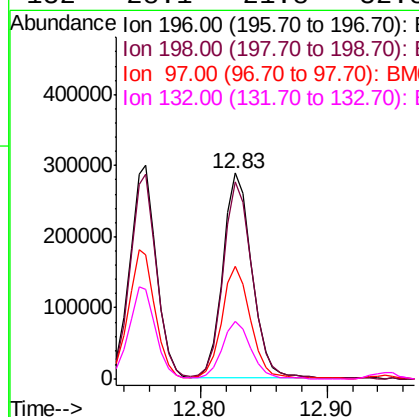
Instrument :
 BNA_M
 ClientSampleId :

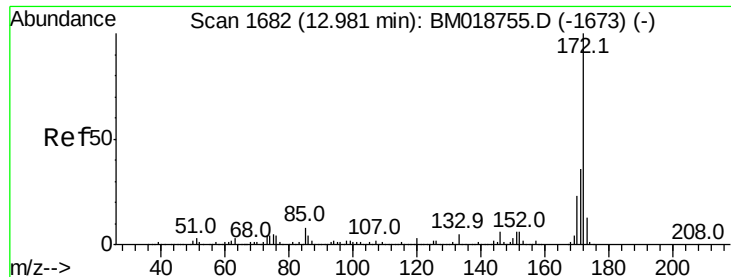
Tot Ion	Ratio	Lower	Upper
196	100		
198	96.0	76.2	114.2
200	30.7	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 32.435 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.04 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.0	77.6	116.4
97	54.8	42.8	64.2
132	28.1	21.8	32.8

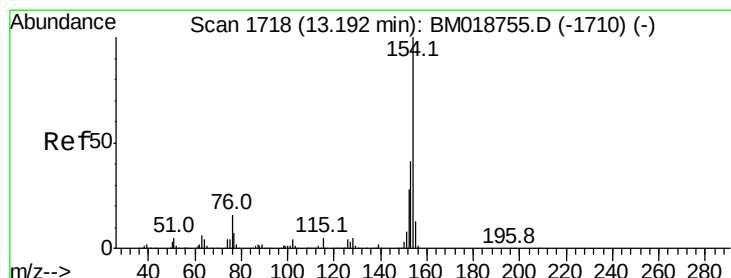
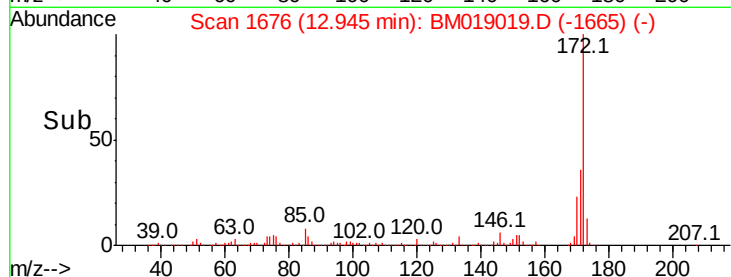
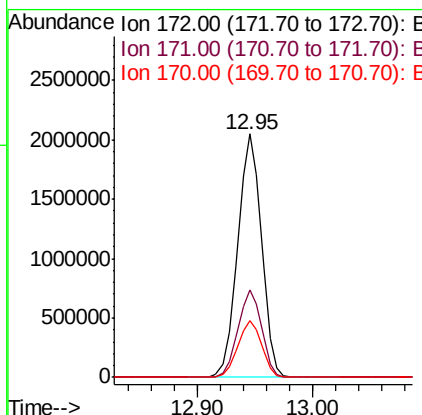
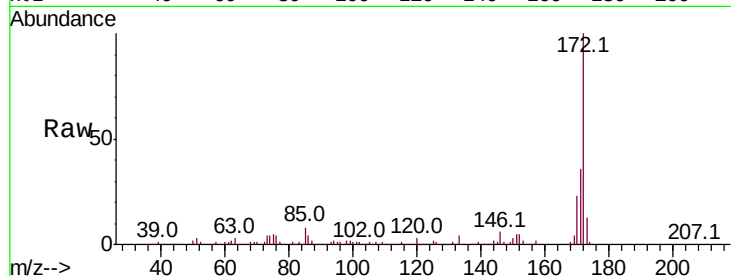




#45
2-Fluorobiphenyl
Concen: 61.243 ng
RT: 12.95 min Scan# 1676
Delta R.T. -0.04 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

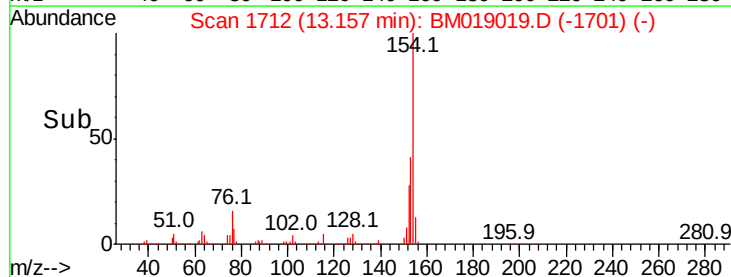
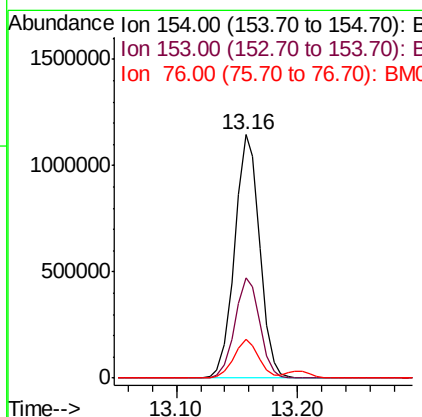
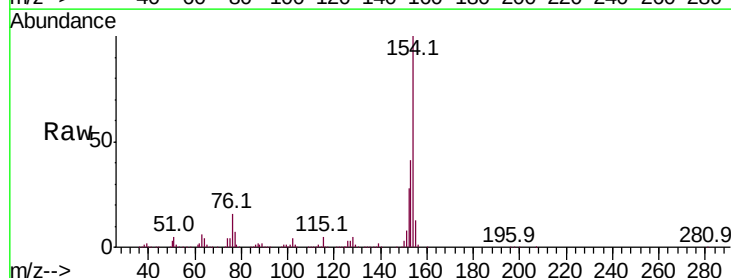
Instrument :
BNA_M
ClientSampleId :

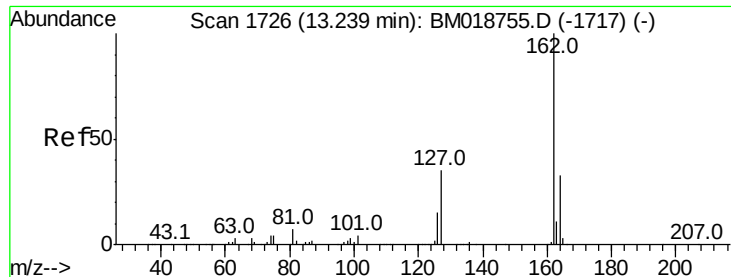
Tot Ion:172 Resp: 2913770
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.4 18.6 28.0



#46
1,1'-Biphenyl
Concen: 30.447 ng
RT: 13.16 min Scan# 1712
Delta R.T. -0.04 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion:154 Resp: 1655205
Ion Ratio Lower Upper
154 100
153 41.2 21.1 61.1
76 15.8 0.0 35.7

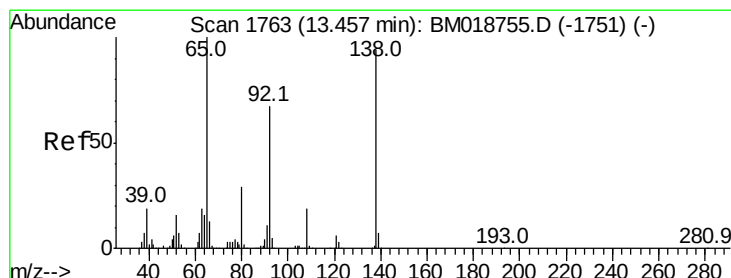
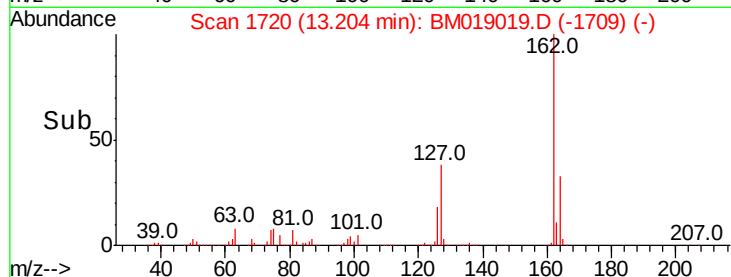
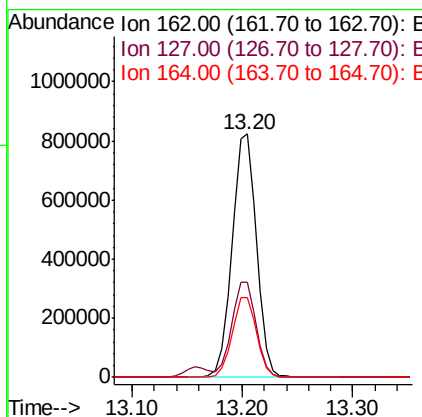
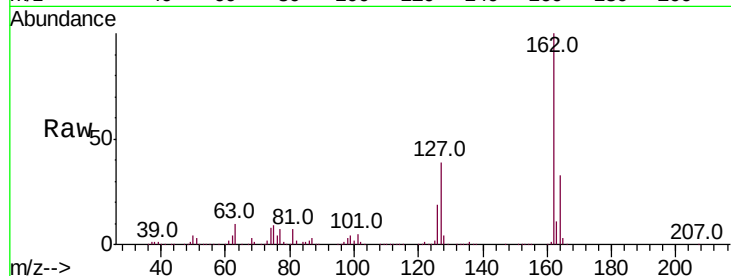




#47
2-Chloronaphthalene
Concen: 30.410 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.04 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

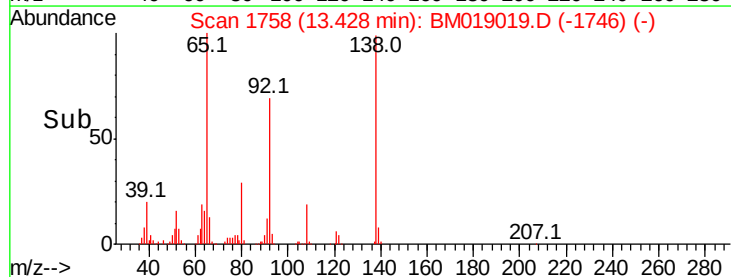
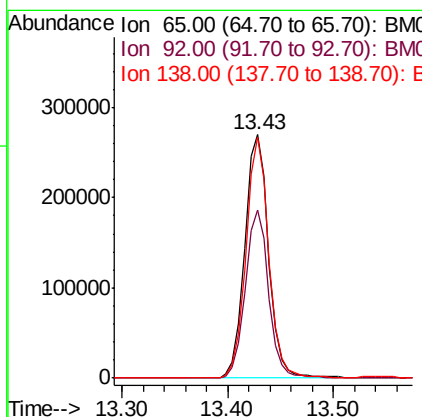
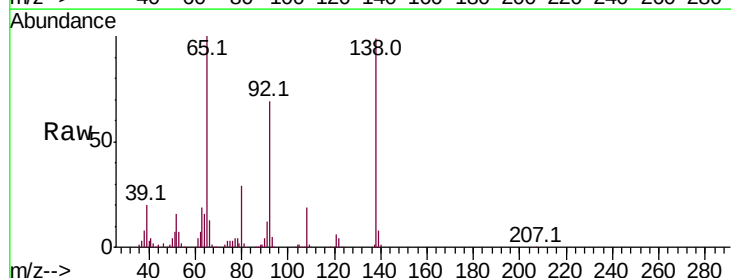
Instrument :
BNA_M
ClientSampleId :

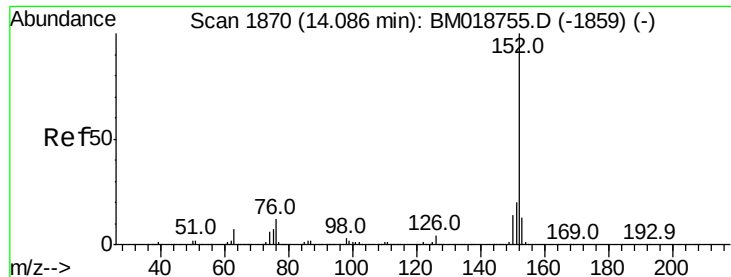
Tot Ion:162 Resp: 1276906
Ion Ratio Lower Upper
162 100
127 38.9 31.1 46.7
164 32.7 26.4 39.6



#48
2-Nitroaniline
Concen: 30.298 ng
RT: 13.43 min Scan# 1758
Delta R.T. -0.03 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion: 65 Resp: 422535
Ion Ratio Lower Upper
65 100
92 68.9 54.0 81.0
138 98.9 74.9 112.3





#49

Acenaphthylene

Concen: 32.618 ng

RT: 14.05 min Scan# 1864

Delta R.T. -0.04 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

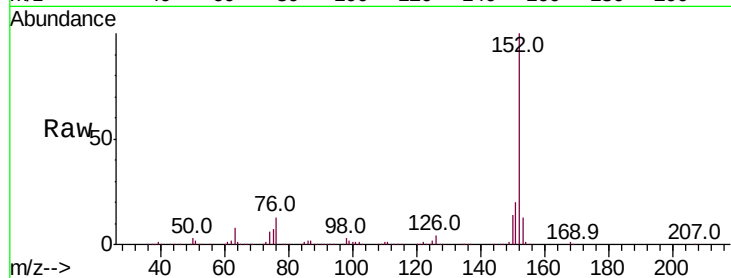
Tot Ion:152 Resp: 2039410

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

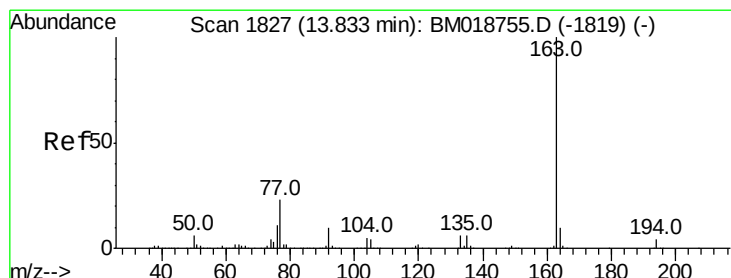
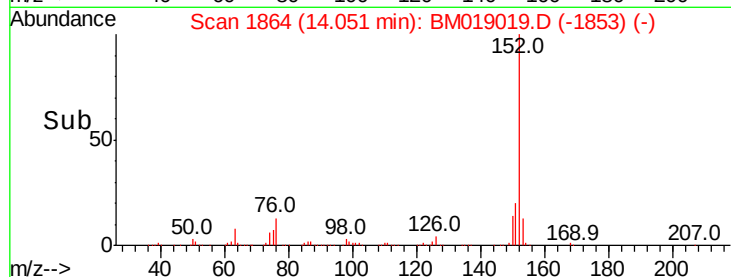
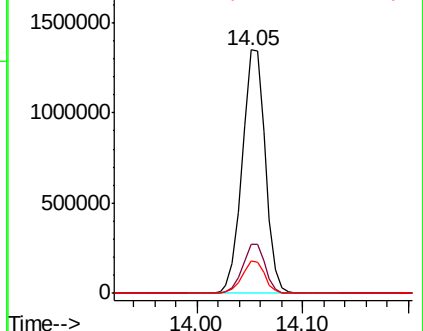
153 13.2 10.5 15.7



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: 34.296 ng

RT: 13.80 min Scan# 1821

Delta R.T. -0.04 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

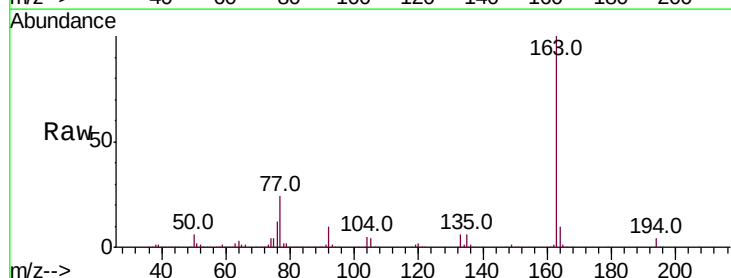
Tgt Ion:163 Resp: 1805165

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

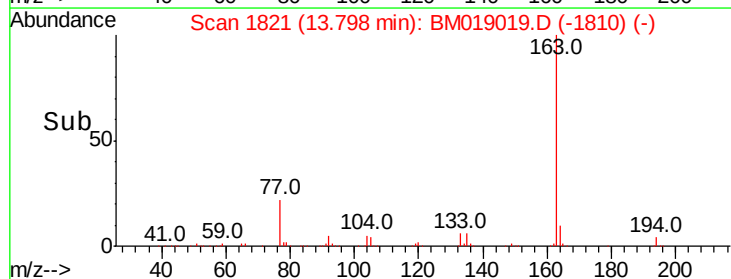
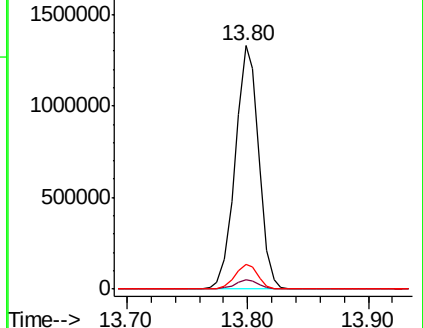
164 10.2 7.8 11.8

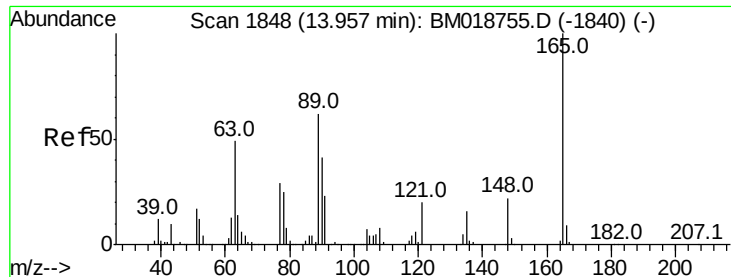


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

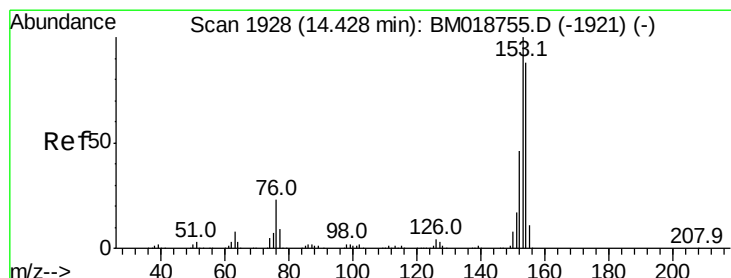
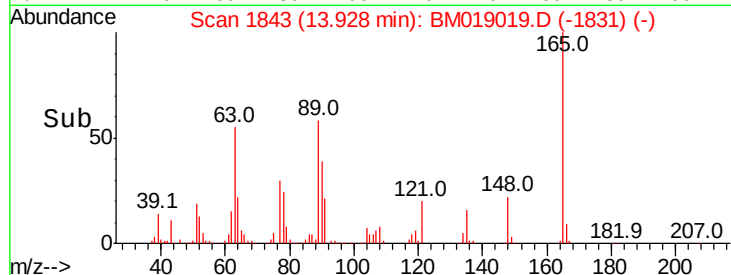
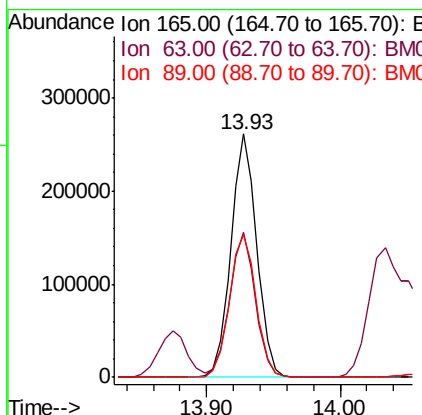
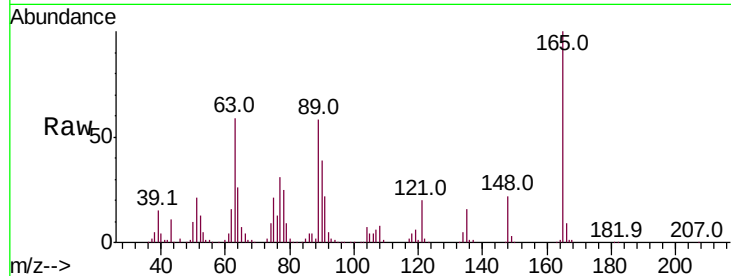




#51
2,6-Dinitrotoluene
Concen: 30.860 ng
RT: 13.93 min Scan# 1843
Delta R.T. -0.03 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

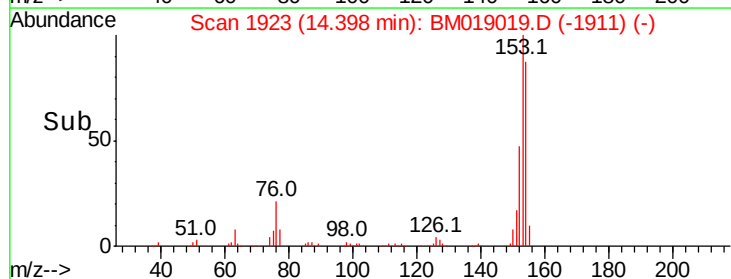
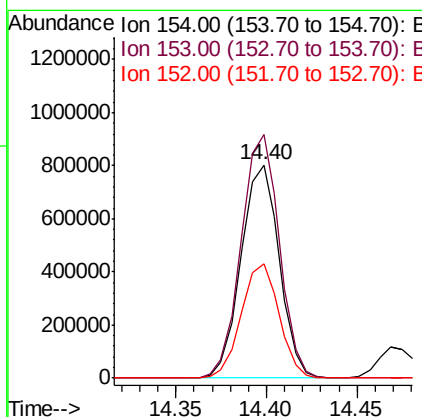
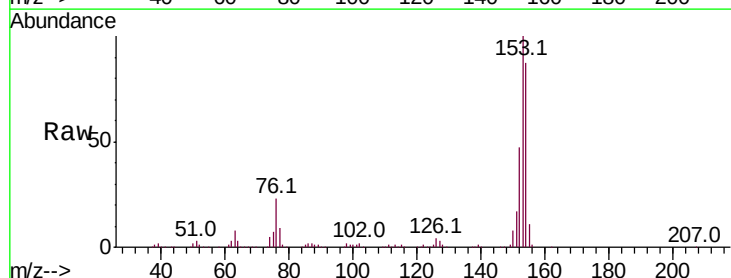
Instrument :
BNA_M
ClientSampled :

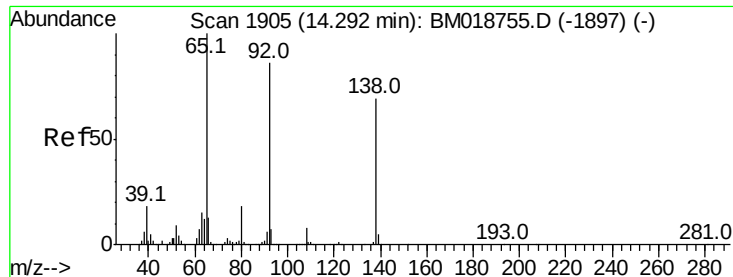
Tot Ion:165 Resp: 351860
Ion Ratio Lower Upper
165 100
63 59.5 48.9 73.3
89 58.3 49.4 74.0



#52
Acenaphthene
Concen: 30.732 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion:154 Resp: 1178231
Ion Ratio Lower Upper
154 100
153 114.4 91.3 136.9
152 53.4 42.2 63.4

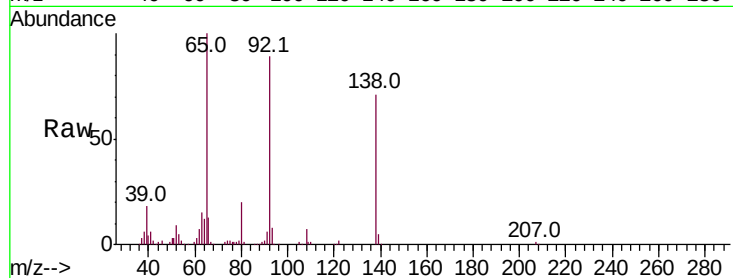




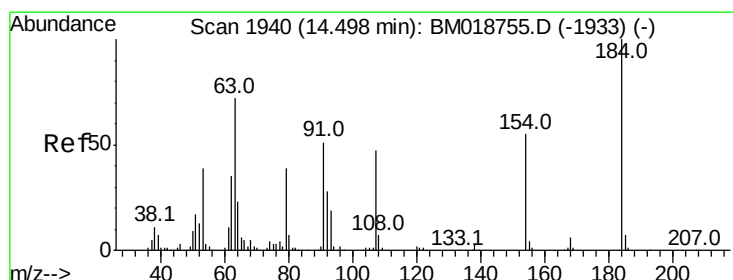
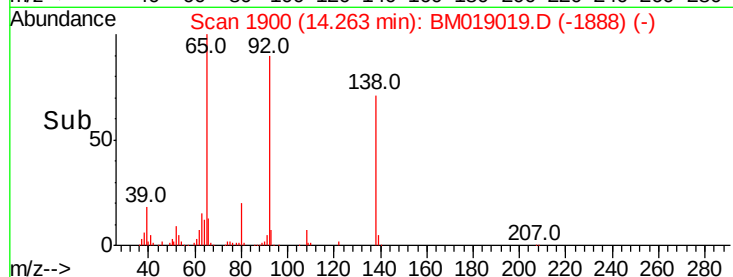
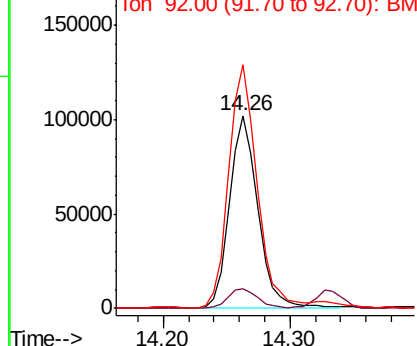
#53
3-Nitroaniline
Concen: 12.269 ng
RT: 14.26 min Scan# 1900
Delta R.T. -0.03 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:138 Resp: 158062
Ion Ratio Lower Upper
138 100
108 10.5 9.1 13.7
92 126.4 99.7 149.5

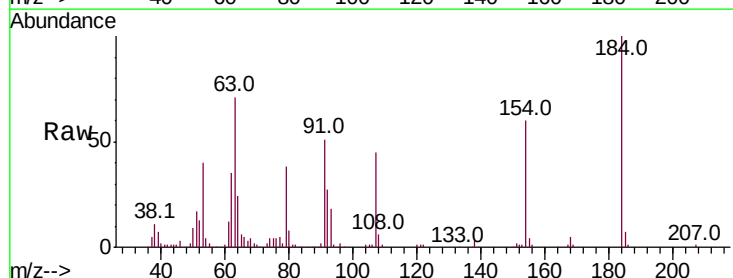


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

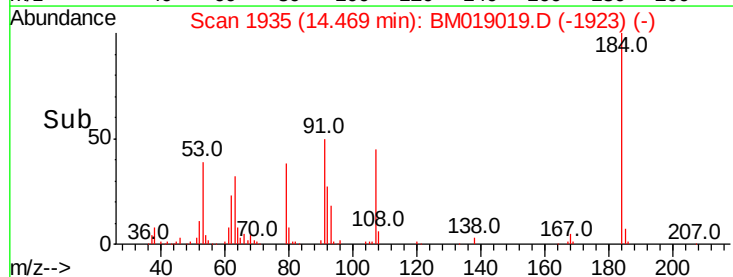
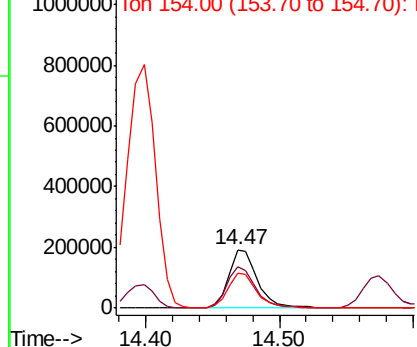


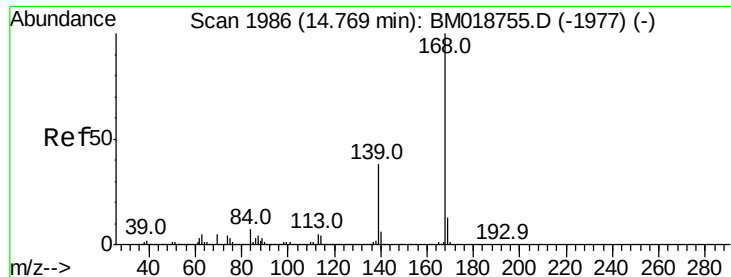
#54
2,4-Dinitrophenol
Concen: 43.246 ng
RT: 14.47 min Scan# 1935
Delta R.T. -0.03 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion:184 Resp: 292241
Ion Ratio Lower Upper
184 100
63 71.5 58.0 87.0
154 60.0 50.3 75.5



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E

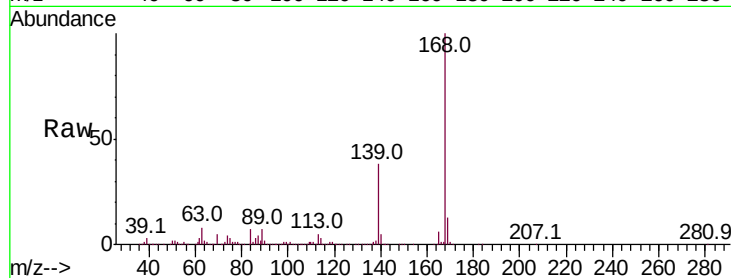




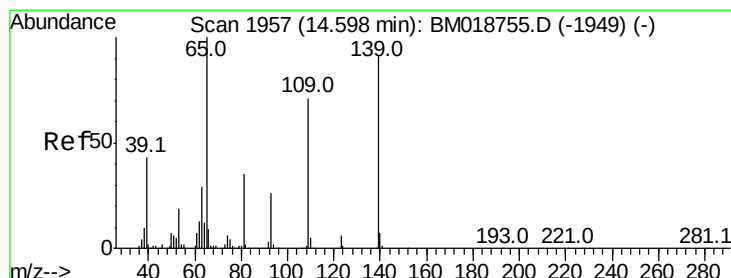
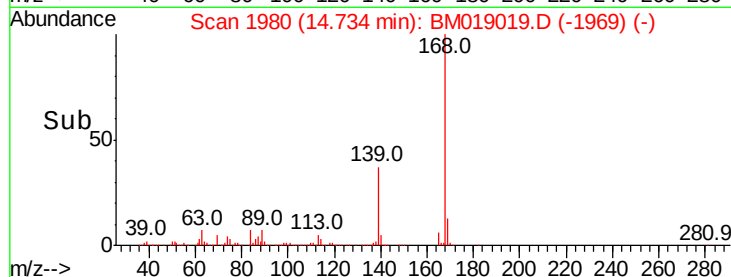
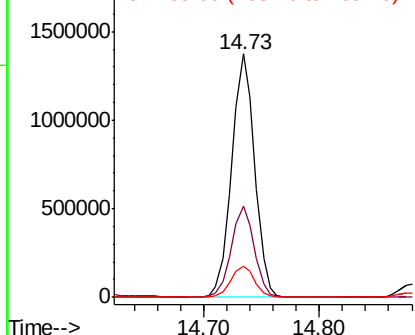
#55
Dibenzofuran
Concen: 30.012 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.04 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampleId :

Tot Ion:168 Resp: 1891221
Ion Ratio Lower Upper
168 100
139 37.6 30.7 46.1
169 13.0 10.3 15.5

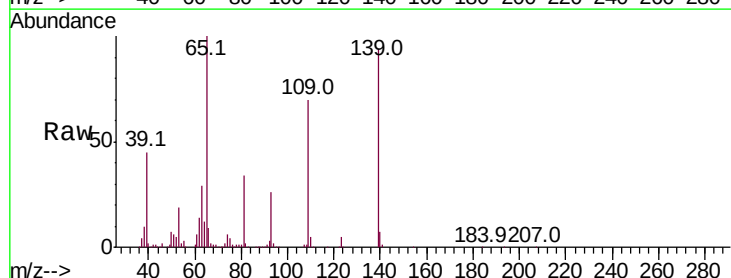


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

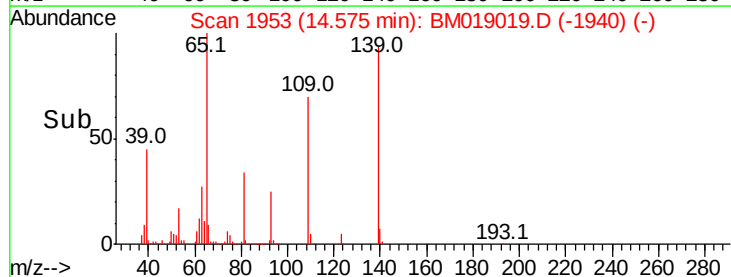
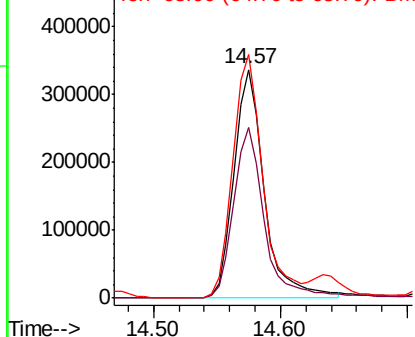


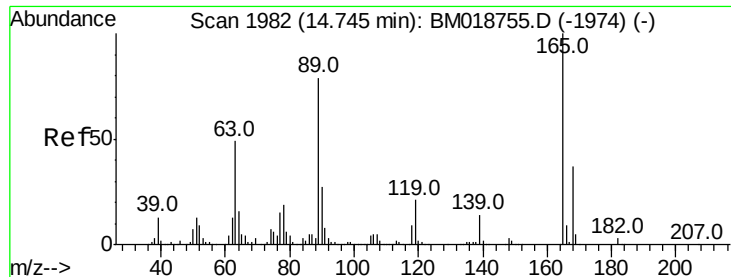
#56
4-Nitrophenol
Concen: 54.082 ng
RT: 14.57 min Scan# 1953
Delta R.T. -0.02 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion:139 Resp: 556188
Ion Ratio Lower Upper
139 100
109 74.8 58.4 98.4
65 106.5 89.8 129.8



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

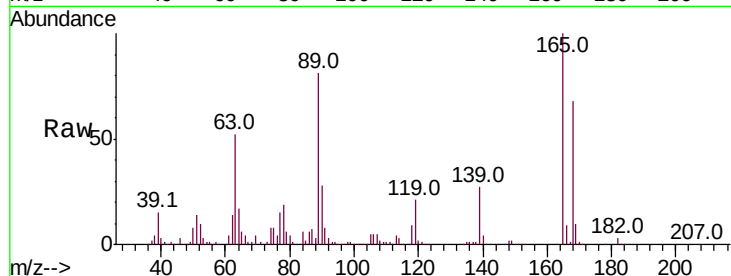




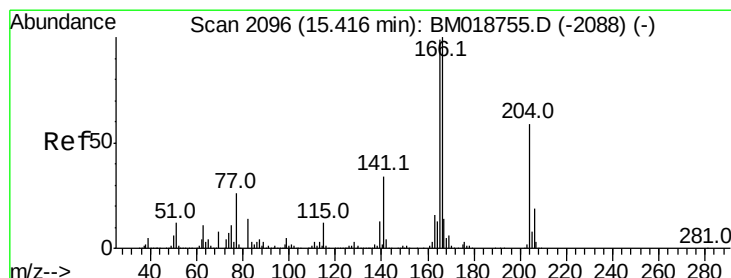
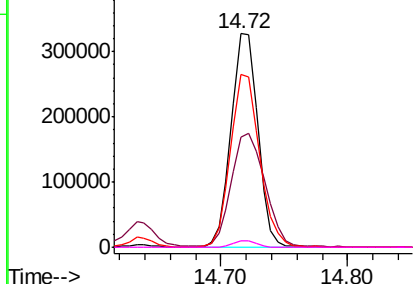
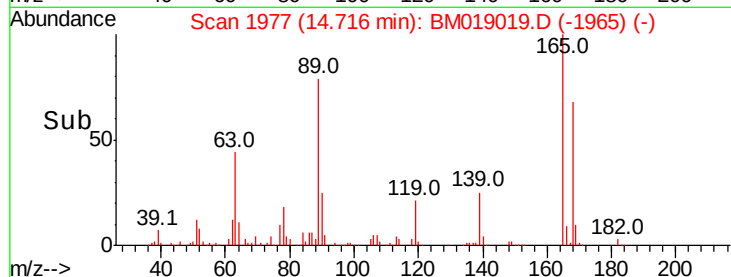
#57
2,4-Dinitrotoluene
Concen: 30.417 ng
RT: 14.72 min Scan# 1977
Delta R.T. -0.03 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampled :

Tot Ion:165 Resp: 477840
Ion Ratio Lower Upper
165 100
63 51.8 39.6 59.4
89 80.9 63.5 95.3
182 2.9 2.2 3.4

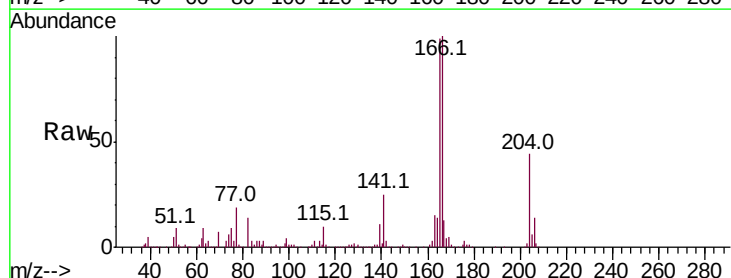


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

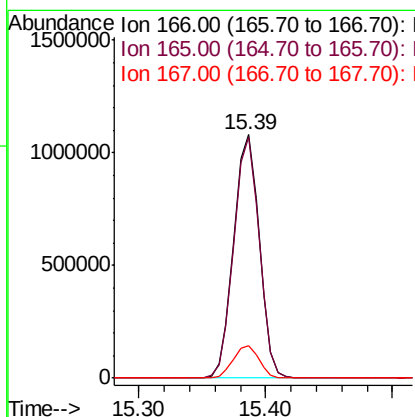
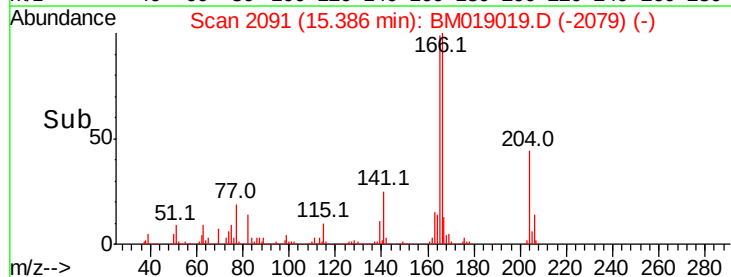


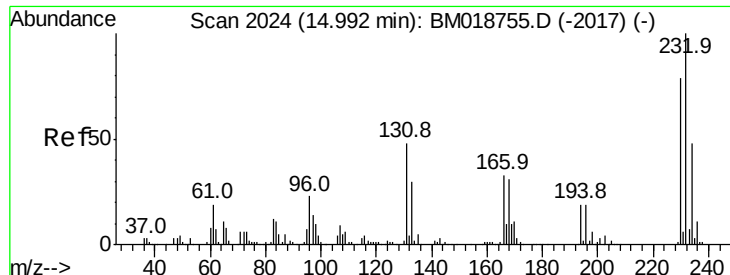
#58
Fluorene
Concen: 31.223 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion:166 Resp: 1505205
Ion Ratio Lower Upper
166 100
165 99.1 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

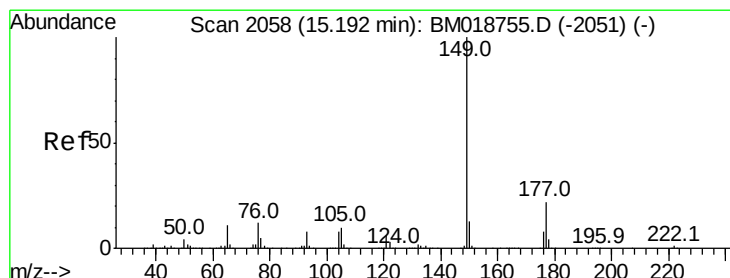
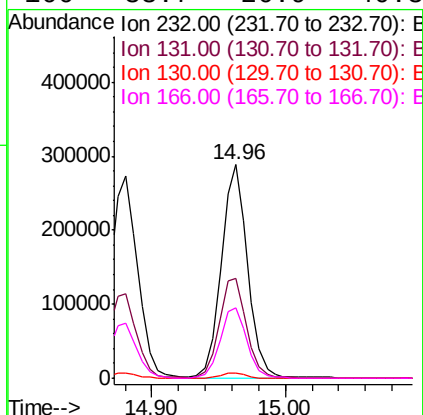
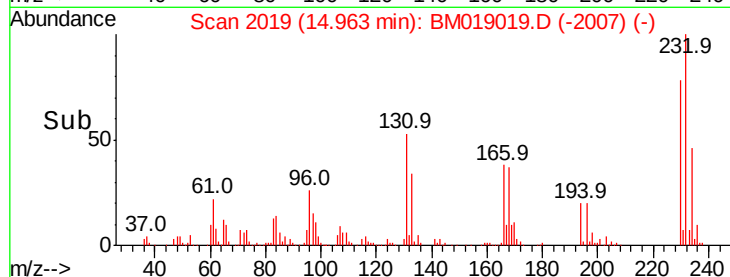
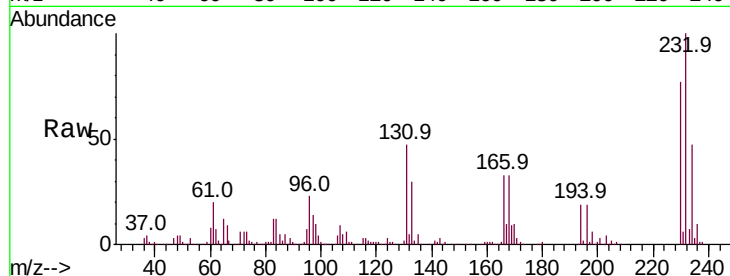




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 31.865 ng
 RT: 14.96 min Scan# 2019
 Delta R.T. -0.03 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

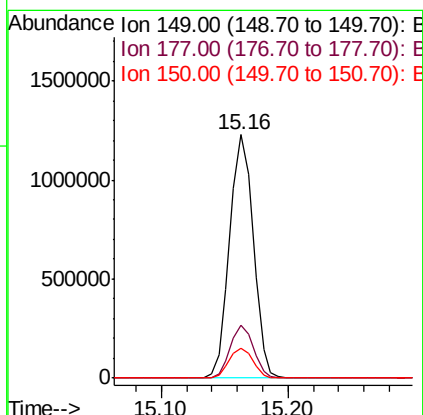
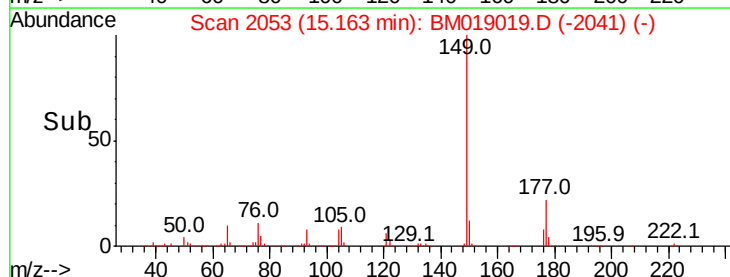
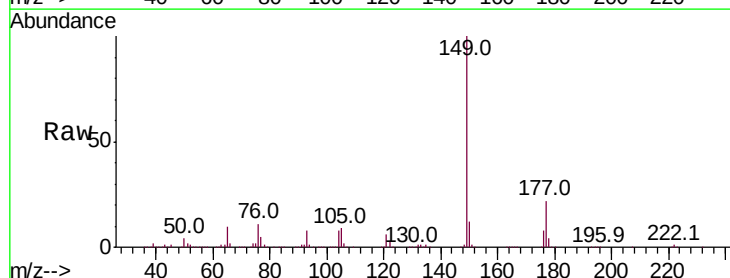
Instrument :
 BNA_M
 ClientSampled :

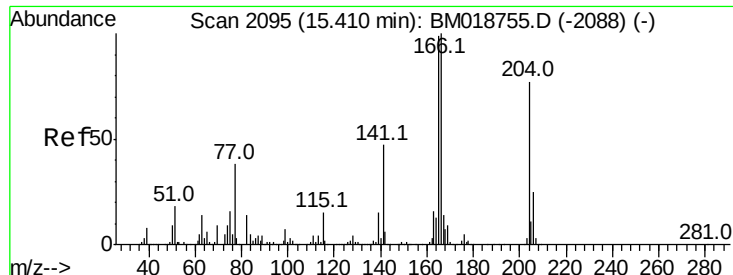
Tot Ion:232 Resp: 394841
 Ion Ratio Lower Upper
 232 100
 131 48.4 38.6 57.8
 130 2.5 2.0 3.0
 166 33.7 26.9 40.3



#60
 Diethylphthalate
 Concen: 29.265 ng
 RT: 15.16 min Scan# 2053
 Delta R.T. -0.03 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Tgt Ion:149 Resp: 1588928
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.2 25.8
 150 12.4 10.2 15.2

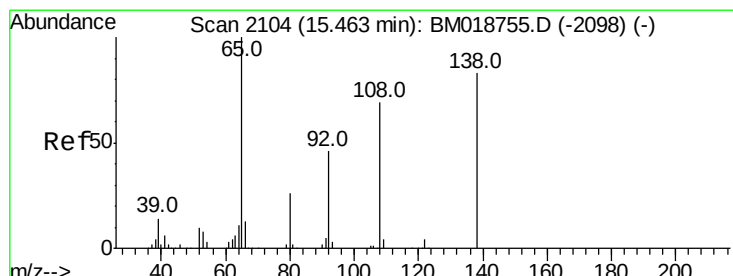
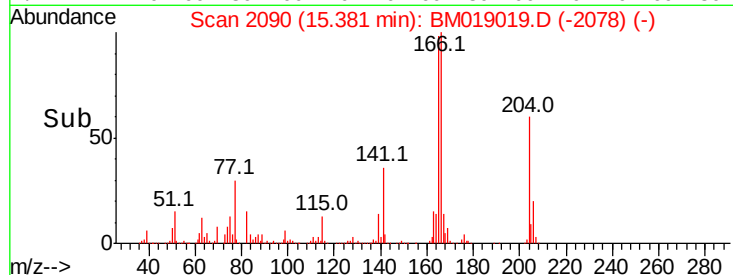
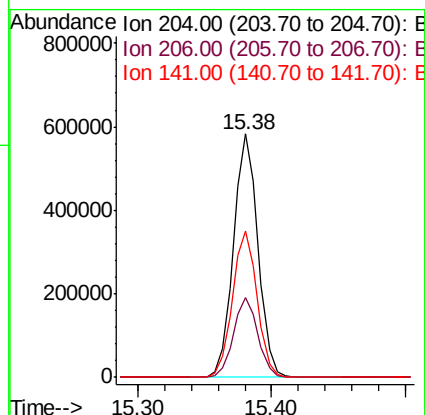
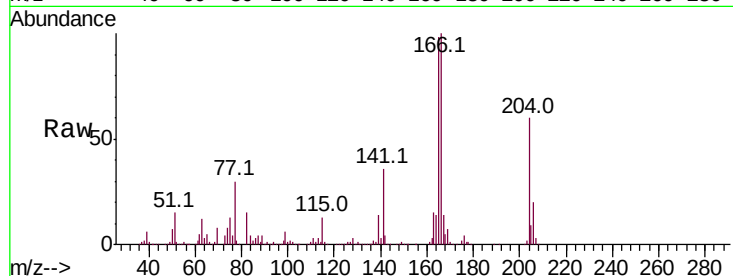




#61
 4-Chlorophenyl-phenylether
 Concen: 27.627 ng
 RT: 15.38 min Scan# 2090
 Delta R.T. -0.03 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

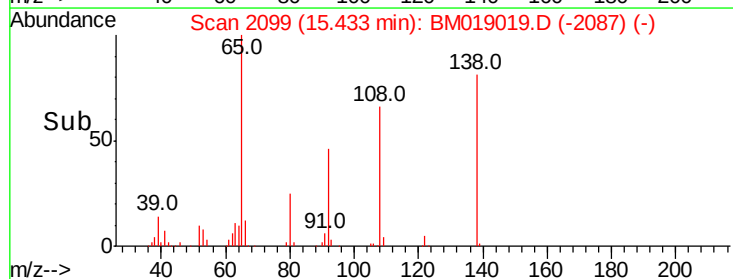
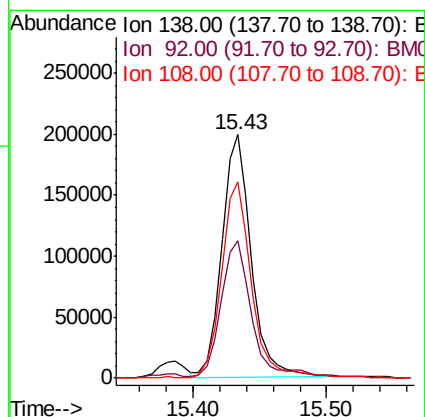
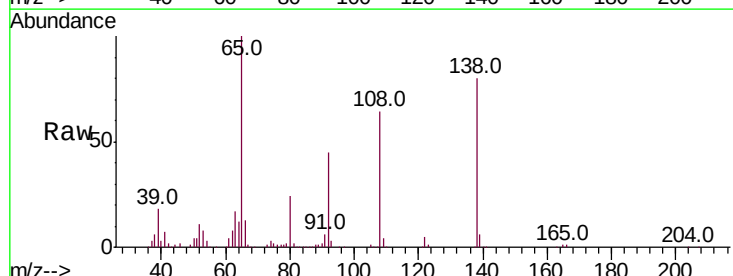
Instrument :
 BNA_M
 ClientSampled :

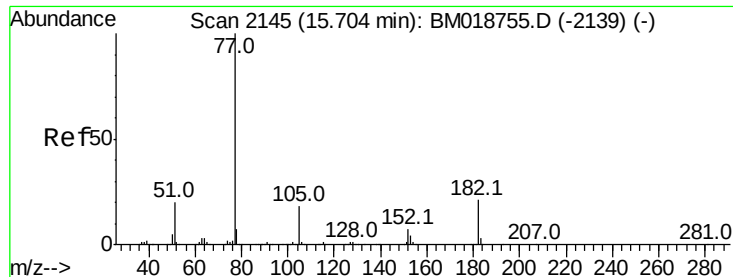
Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.2	39.2
141	59.8	49.2	73.8



#62
 4-Nitroaniline
 Concen: 24.301 ng
 RT: 15.43 min Scan# 2099
 Delta R.T. -0.03 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.5	35.5	75.5
108	80.5	62.4	102.4





#63

Azobenzene

Concen: 28.838 ng

RT: 15.67 min Scan# 2140

Delta R.T. -0.03 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 1678806

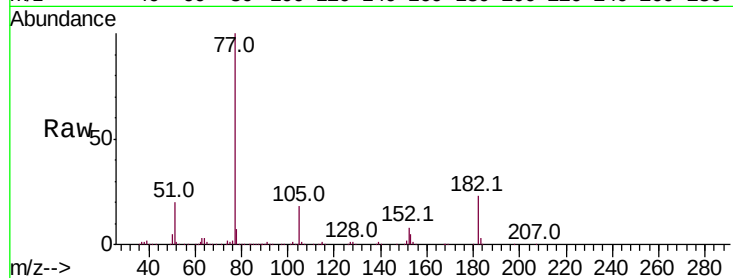
Ion	Ratio	Lower	Upper
77	100		
182	22.5	1.0	41.0
105	18.3	0.0	37.7
51	20.4	0.3	40.3

77 100

182 22.5 1.0 41.0

105 18.3 0.0 37.7

51 20.4 0.3 40.3

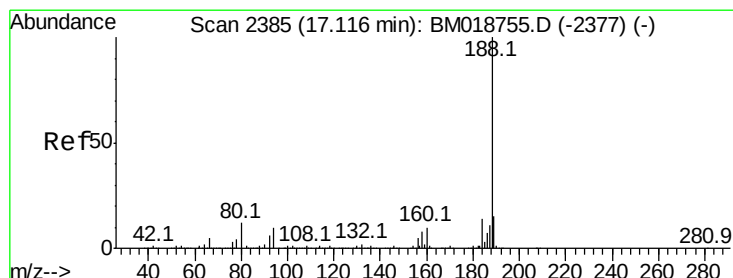
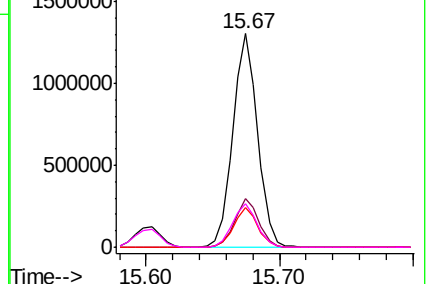
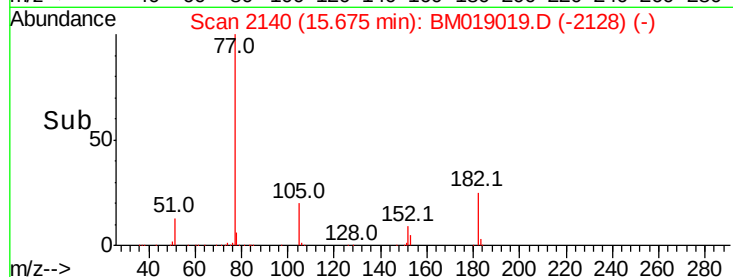


Abundance Ion 77.00 (76.70 to 77.70): BM019019.D (-2128) (-)

Ion 182.00 (181.70 to 182.70): BM019019.D (-2128) (-)

Ion 105.00 (104.70 to 105.70): BM019019.D (-2128) (-)

Ion 51.00 (50.70 to 51.70): BM019019.D (-2128) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2380

Delta R.T. -0.03 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

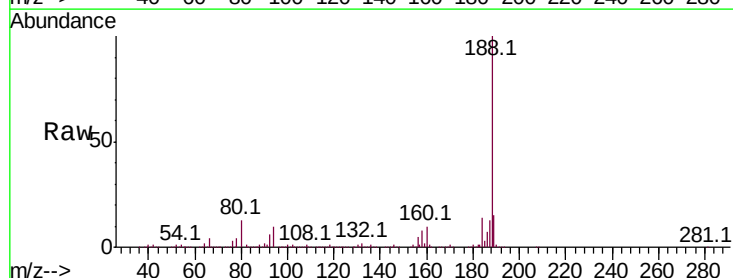
Tgt Ion: 188 Resp: 1270961

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	12.6	9.7	14.5

188 100

94 10.4 8.2 12.2

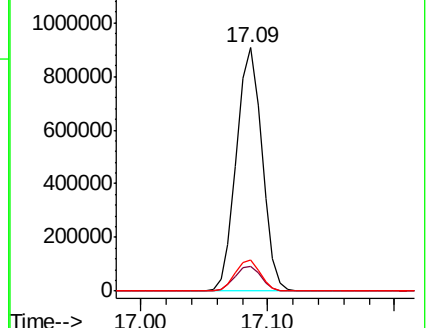
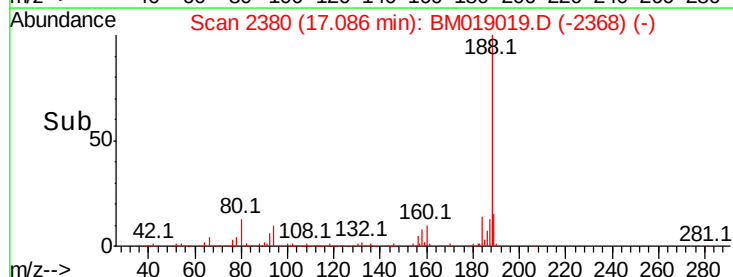
80 12.6 9.7 14.5

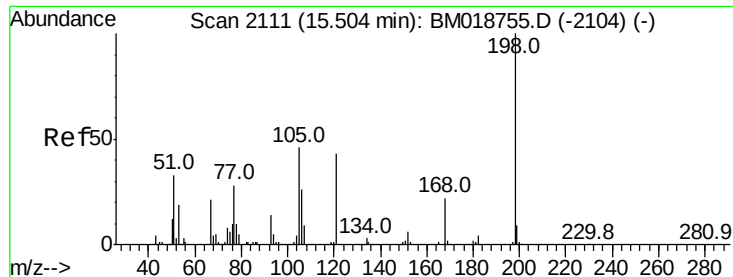


Abundance Ion 188.00 (187.70 to 188.70): BM019019.D (-2368) (-)

Ion 94.00 (93.70 to 94.70): BM019019.D (-2368) (-)

Ion 80.00 (79.70 to 80.70): BM019019.D (-2368) (-)

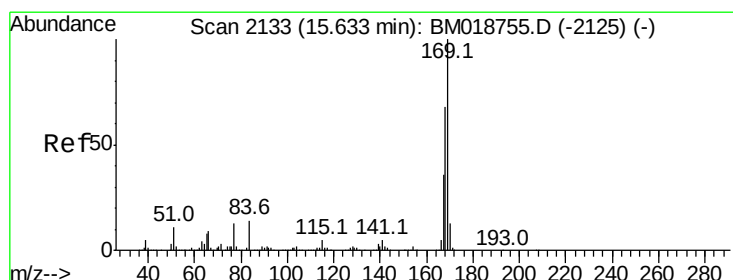
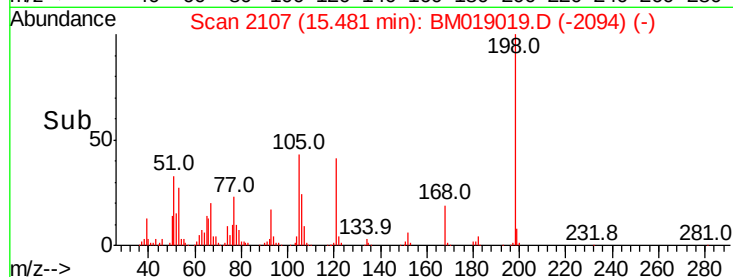
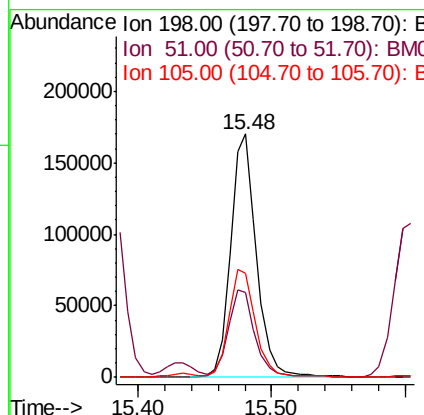
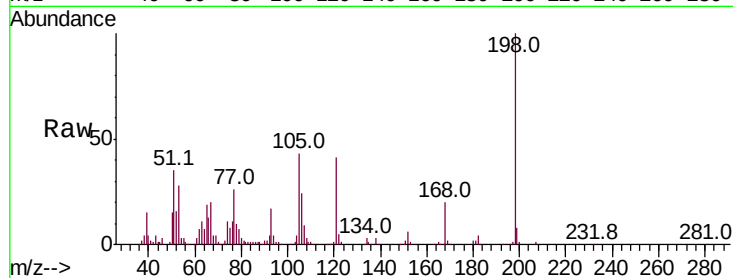




#65
 4,6-Dinitro-2-methylphenol
 Concen: 25.681 ng
 RT: 15.48 min Scan# 2107
 Delta R.T. -0.02 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

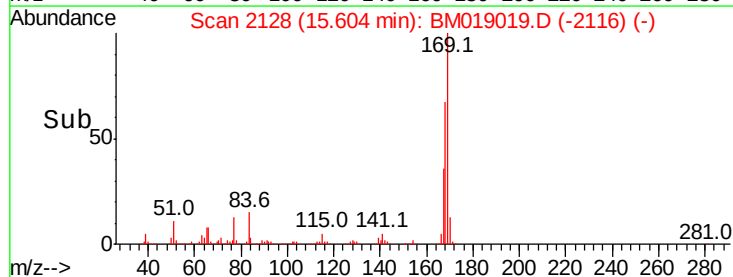
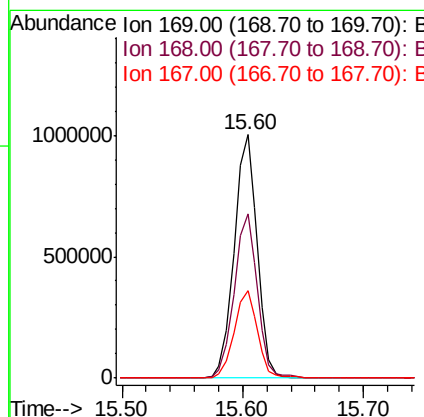
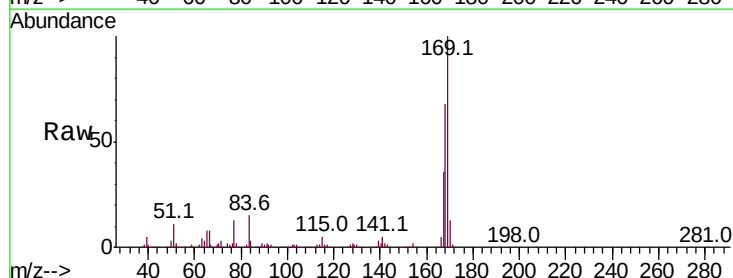
Instrument :
 BNA_M
 ClientSampleId :

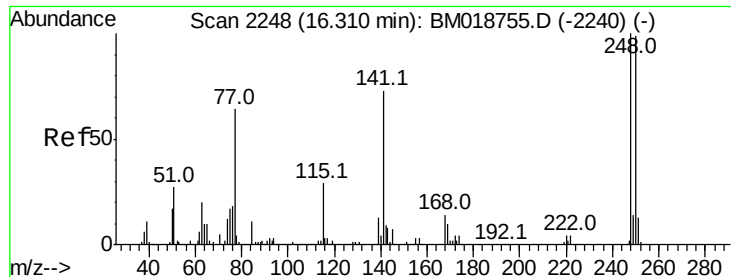
Tot Ion	Ratio	Lower	Upper
198	100		
51	35.1	18.4	58.4
105	43.0	27.2	67.2



#66
 n-Nitrosodiphenylamine
 Concen: 33.013 ng
 RT: 15.60 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.6	54.4	81.6
167	36.0	29.0	43.6

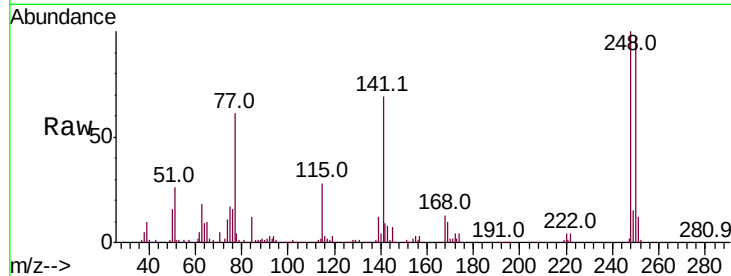




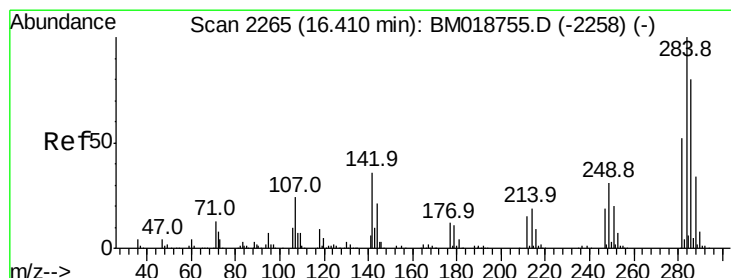
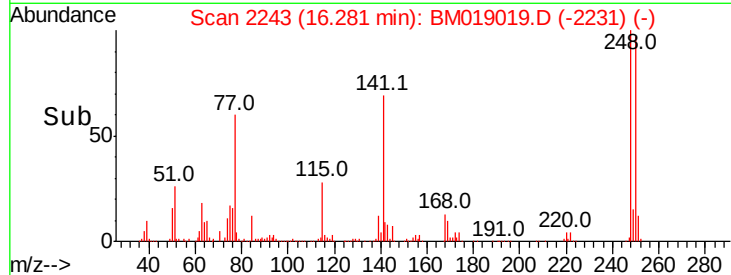
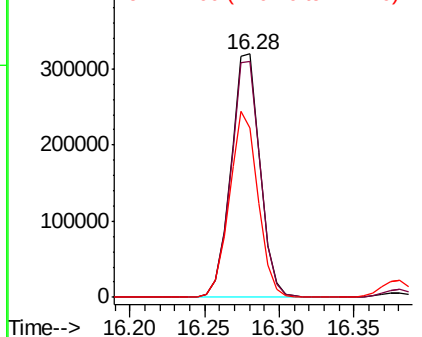
#67
4-Bromophenyl-phenylether
Concen: 30.688 ng
RT: 16.28 min Scan# 2243
Delta R.T. -0.03 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 436570
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.6
141 69.3 58.6 88.0

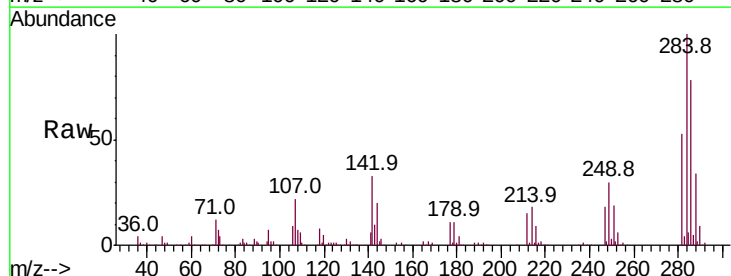


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

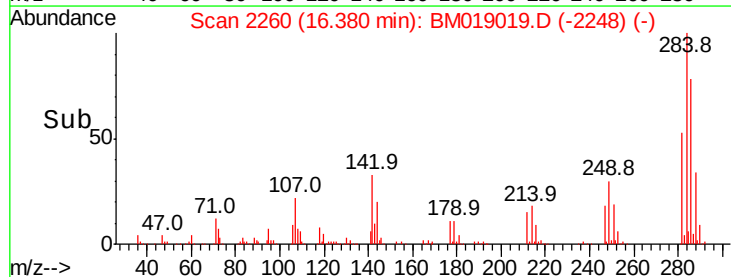
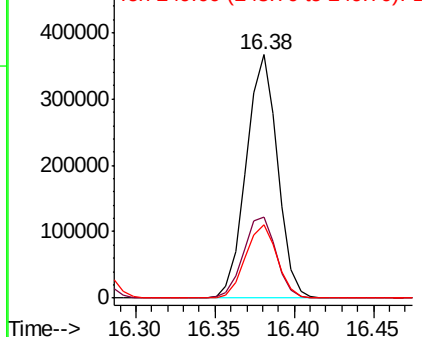


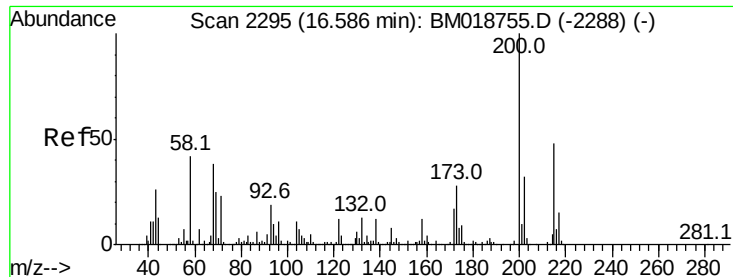
#68
Hexachlorobenzene
Concen: 30.487 ng
RT: 16.38 min Scan# 2260
Delta R.T. -0.03 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion:284 Resp: 504132
Ion Ratio Lower Upper
284 100
142 33.2 28.9 43.3
249 30.0 24.8 37.2



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 33.102 ng

RT: 16.56 min Scan# 2290

Delta R.T. -0.03 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

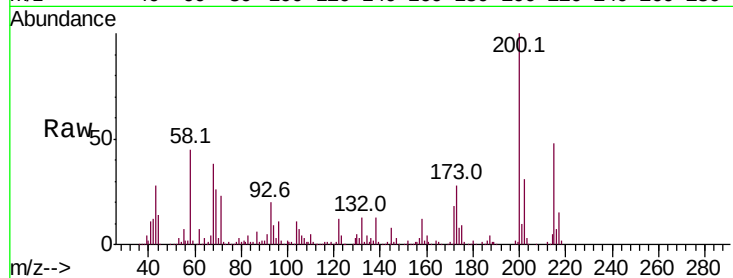
Tot Ion:200 Resp: 428521

Ion Ratio Lower Upper

200 100

173 28.4 7.6 47.6

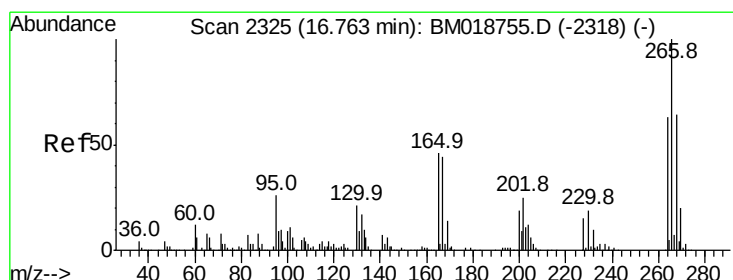
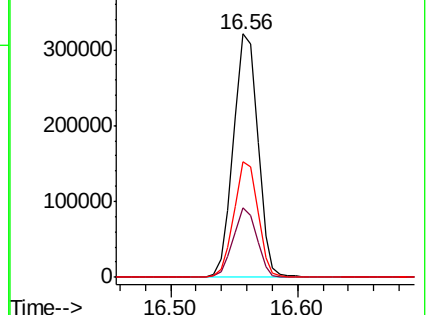
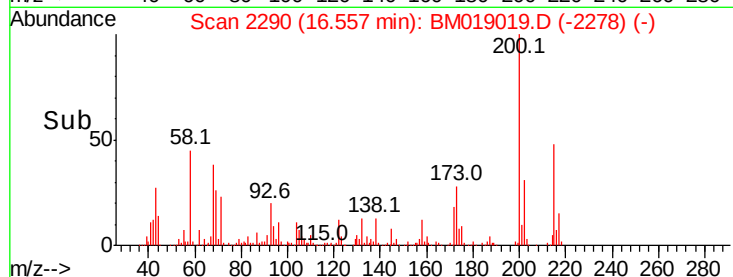
215 47.7 27.6 67.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 54.940 ng

RT: 16.73 min Scan# 2320

Delta R.T. -0.03 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

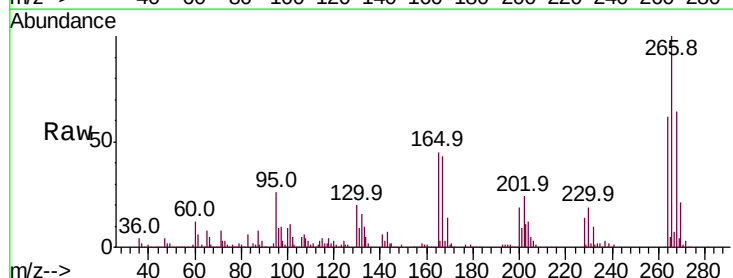
Tgt Ion:266 Resp: 584953

Ion Ratio Lower Upper

266 100

268 64.4 51.3 76.9

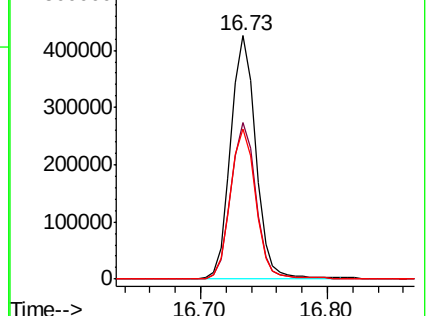
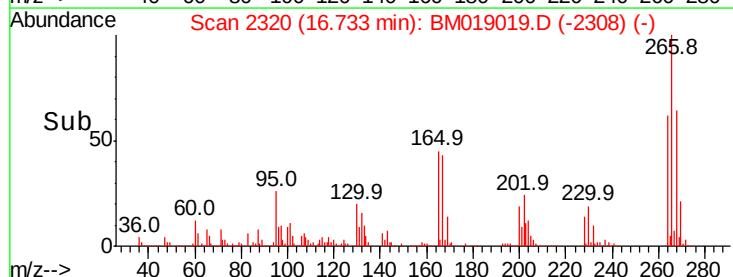
264 61.8 50.6 75.8

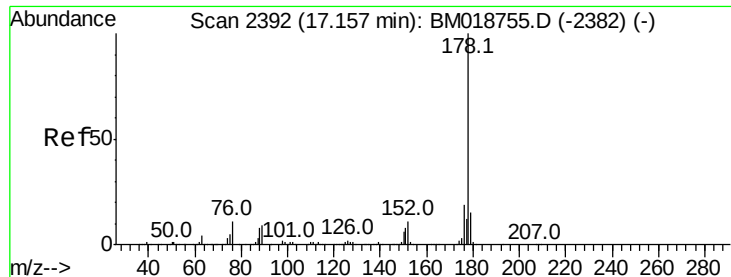


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

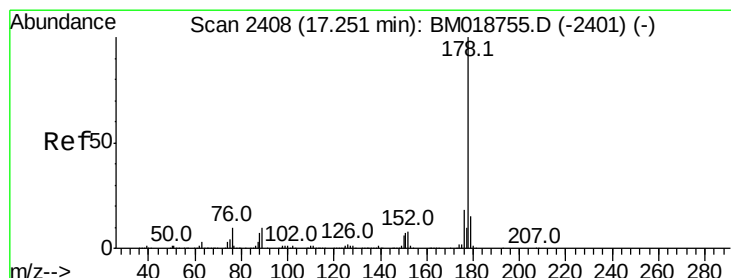
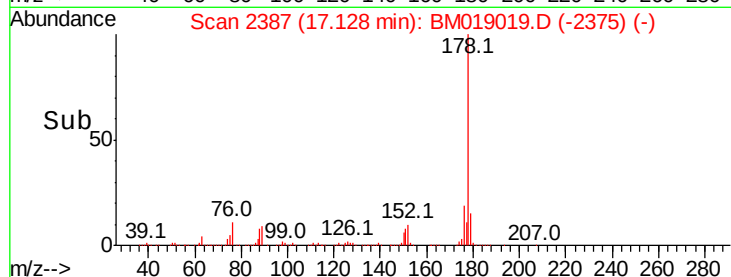
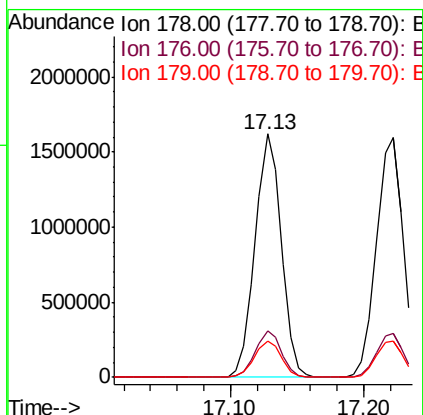
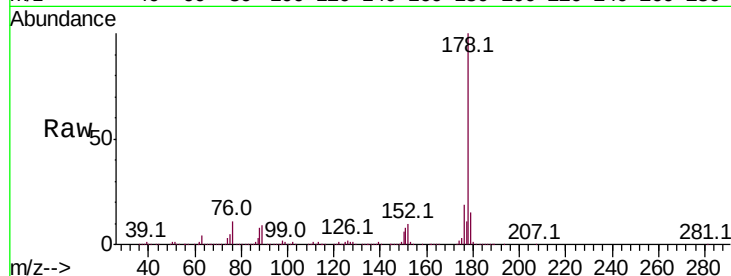




#71
Phenanthrene
Concen: 32.050 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.03 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

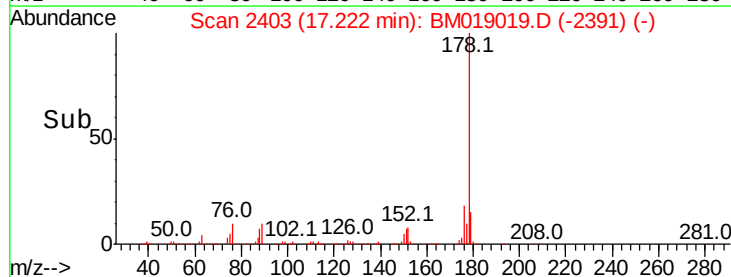
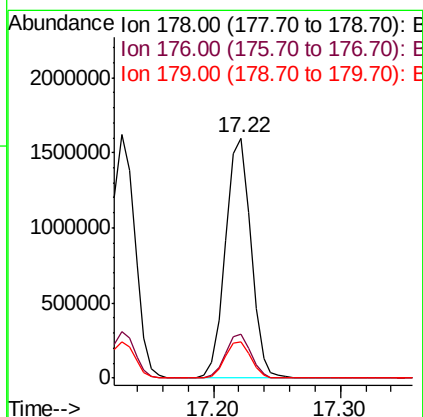
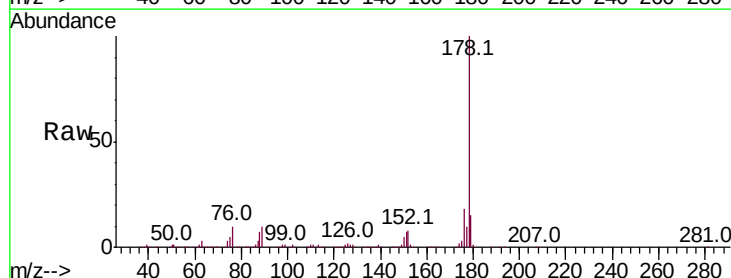
Instrument :
BNA_M
ClientSampleId :

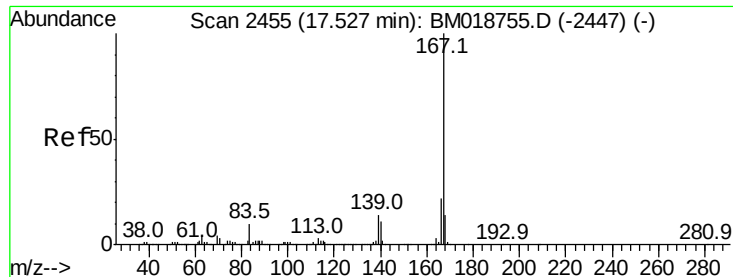
Tot Ion:178 Resp: 2189103
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.1 12.3 18.5



#72
Anthracene
Concen: 33.223 ng
RT: 17.22 min Scan# 2403
Delta R.T. -0.03 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion:178 Resp: 2208715
Ion Ratio Lower Upper
178 100
176 18.3 14.8 22.2
179 15.0 12.1 18.1



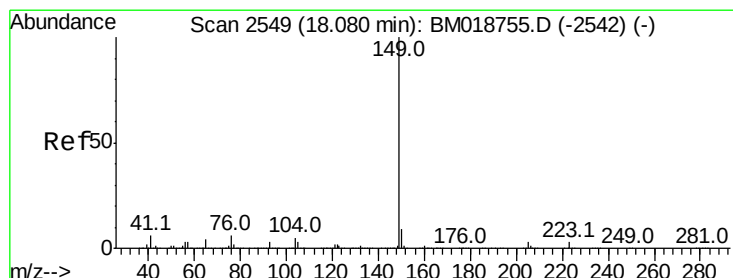
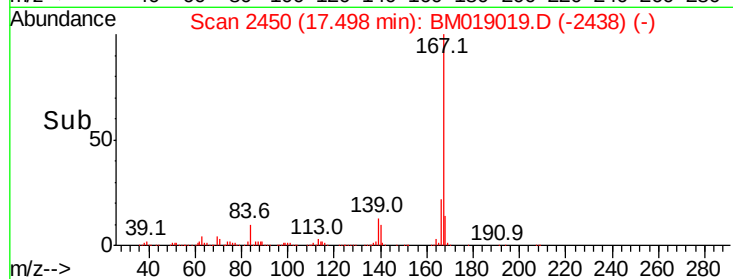
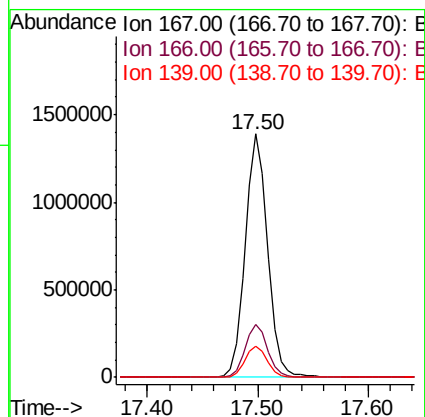
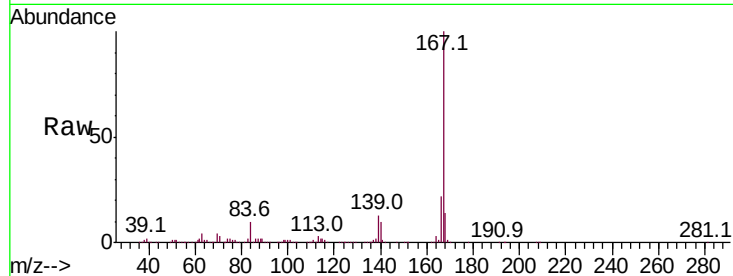


#73
 Carbazole
 Concen: 28.512 ng
 RT: 17.50 min Scan# 2450
 Delta R.T. -0.03 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 1980386

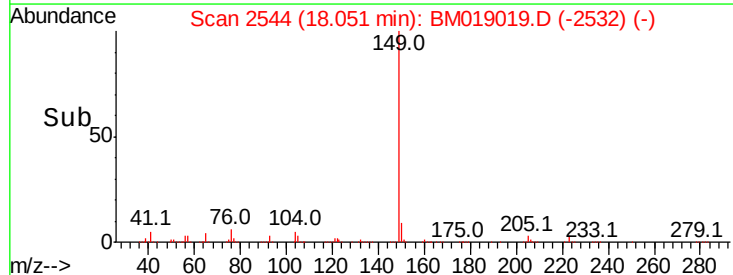
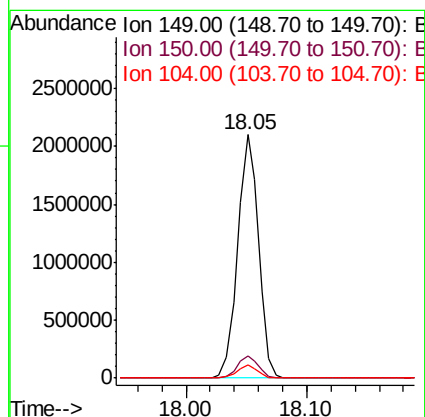
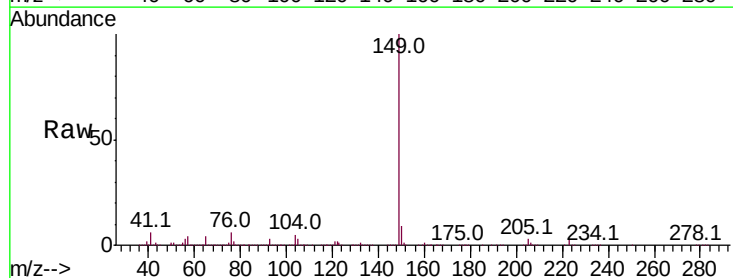
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.7	26.5
139	13.0	10.9	16.3

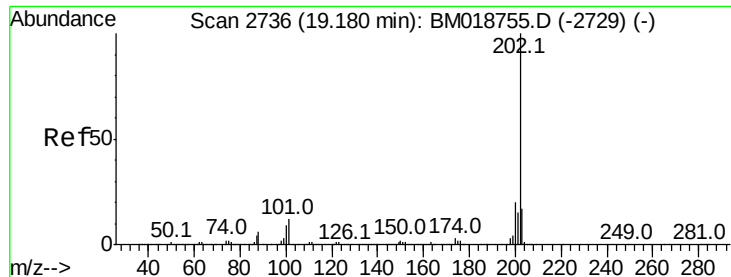


#74
 Di-n-butylphthalate
 Concen: 31.690 ng
 RT: 18.05 min Scan# 2544
 Delta R.T. -0.03 min
 Lab File: BM019019.D
 Acq: 04 Mar 2019 20:53

Tgt Ion:149 Resp: 2531441

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.0
104	5.3	4.3	6.5





#75

Fluoranthene

Concen: 28.324 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.03 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

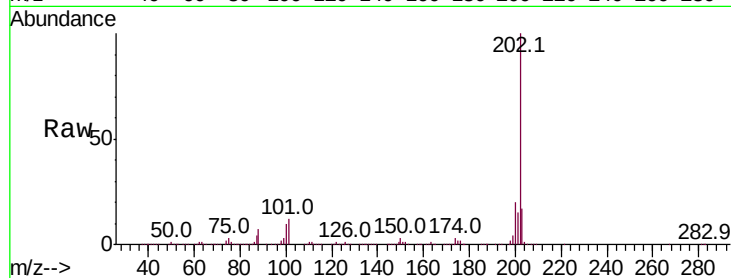
Tot Ion:202 Resp: 2234750

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.5

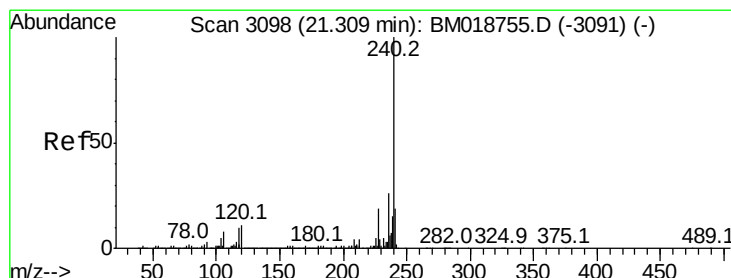
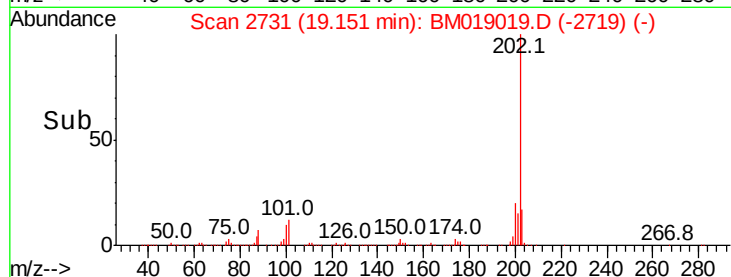
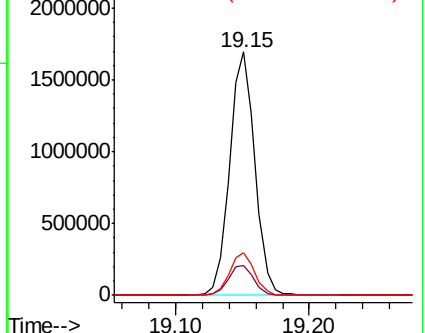
203 17.4 0.0 37.3



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: 21.28 min Scan# 3093

Delta R.T. -0.03 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

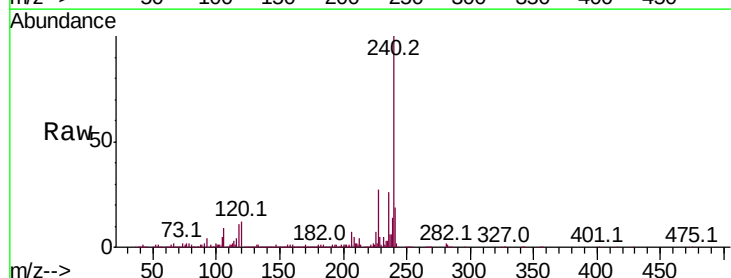
Tgt Ion:240 Resp: 999645

Ion Ratio Lower Upper

240 100

120 11.5 8.9 13.3

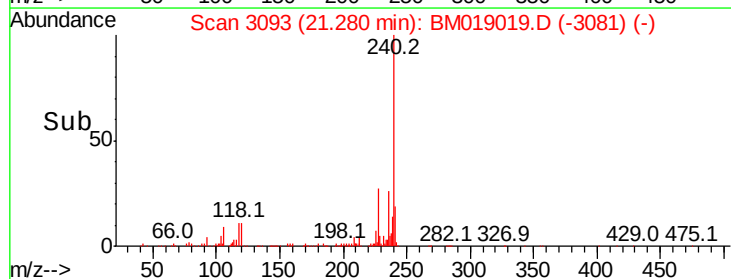
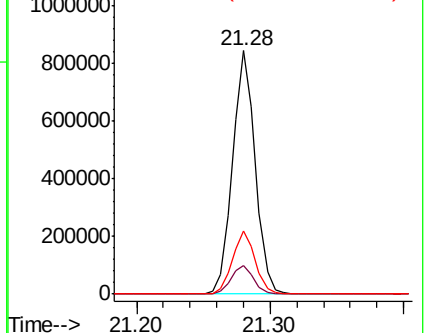
236 26.0 20.9 31.3

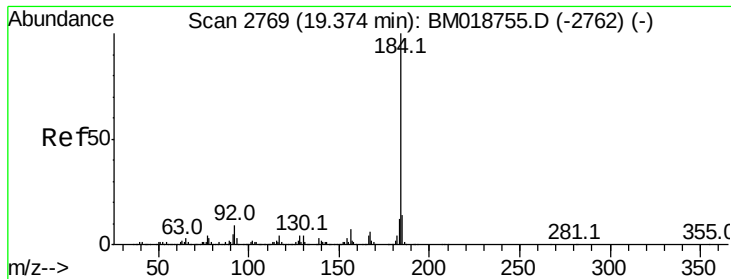


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.227 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

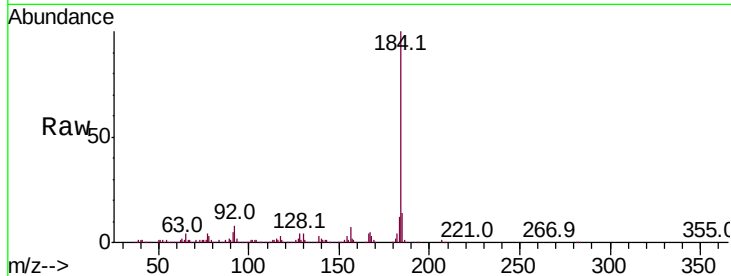
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 928158

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.2	16.8
183	12.1	9.7	14.5

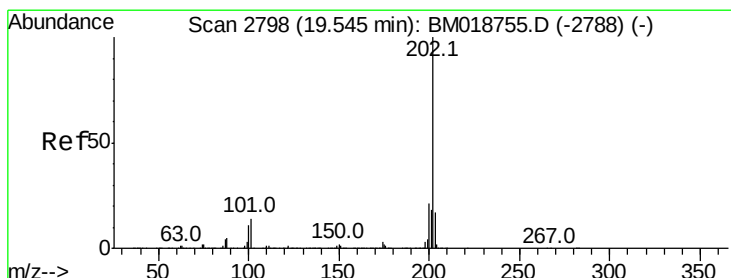
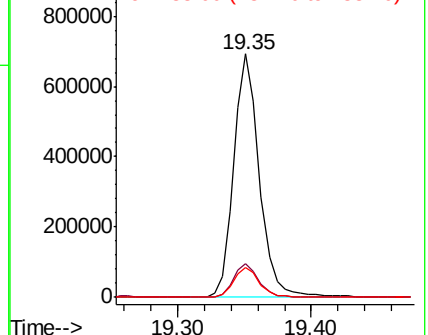
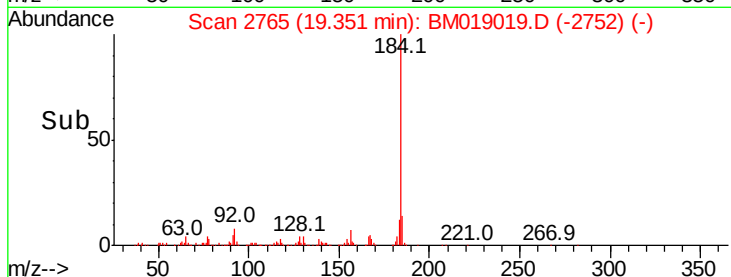


Abundance

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: 38.693 ng

RT: 19.52 min Scan# 2793

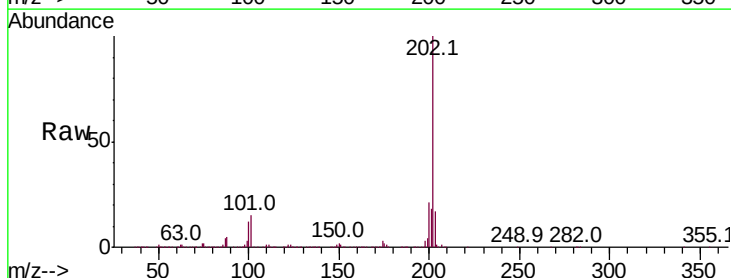
Delta R.T. -0.03 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Tgt Ion:202 Resp: 2246471

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.9	25.3
203	17.5	13.8	20.8

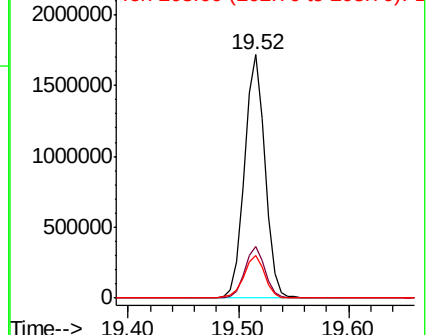
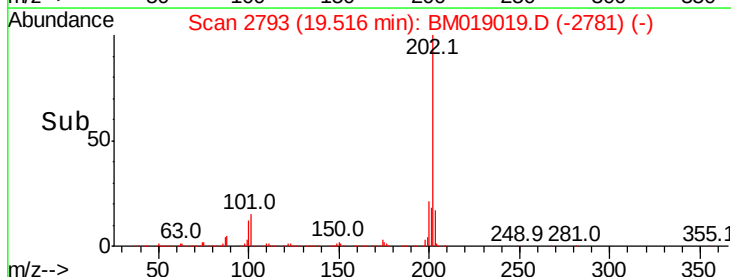


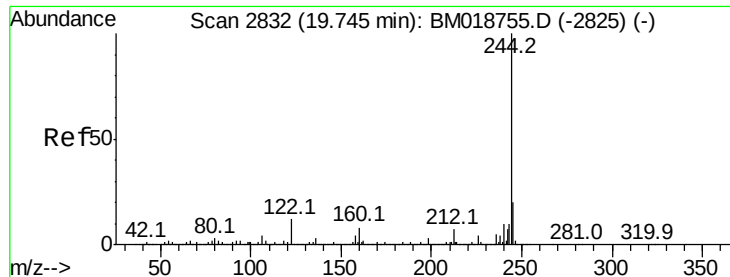
Abundance

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: 72.267 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.02 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

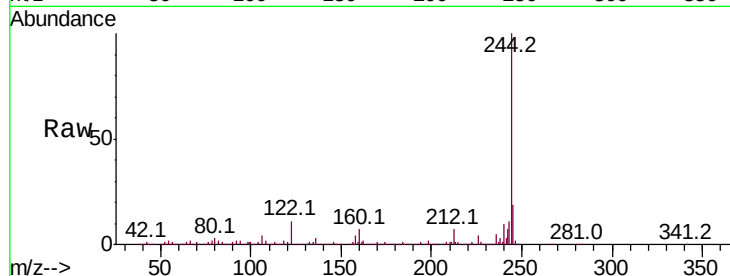
Tot Ion:244 Resp: 3501936

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

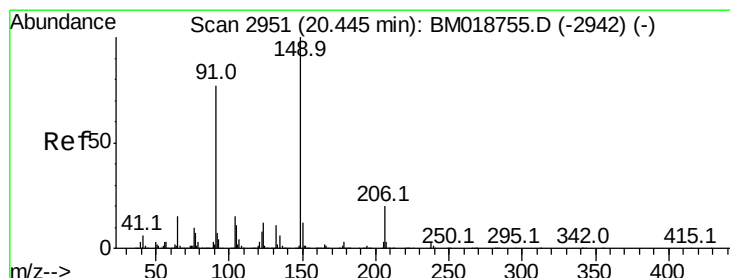
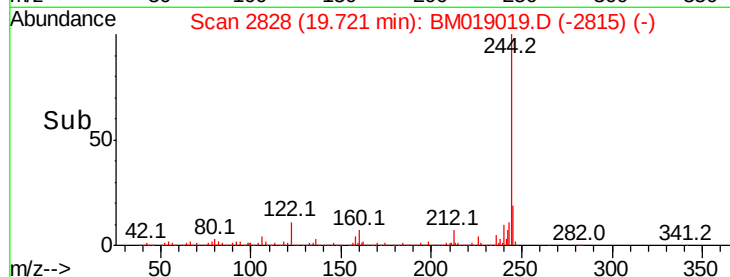
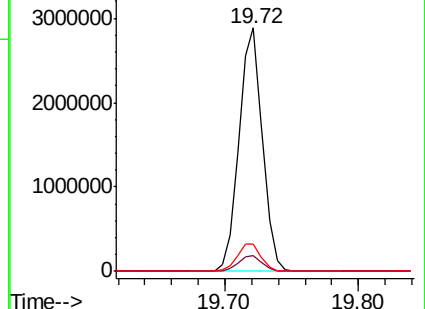
122 11.0 9.3 13.9



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: 38.759 ng

RT: 20.42 min Scan# 2946

Delta R.T. -0.03 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

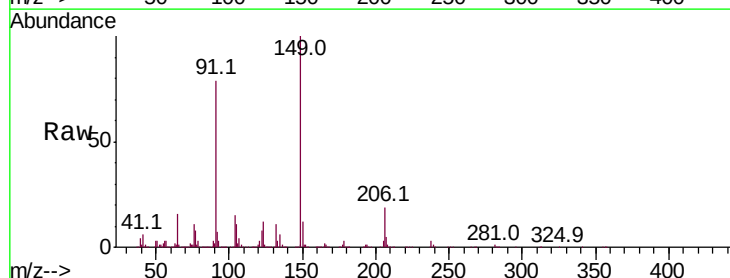
Tgt Ion:149 Resp: 1025551

Ion Ratio Lower Upper

149 100

91 78.8 61.4 92.0

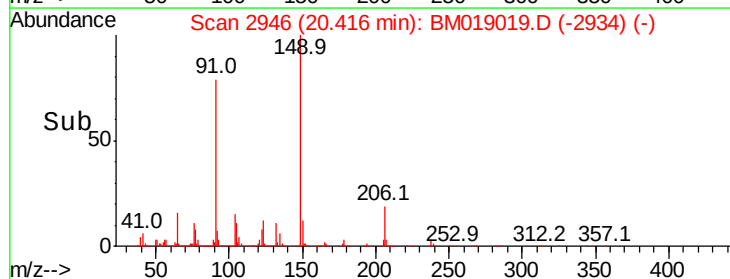
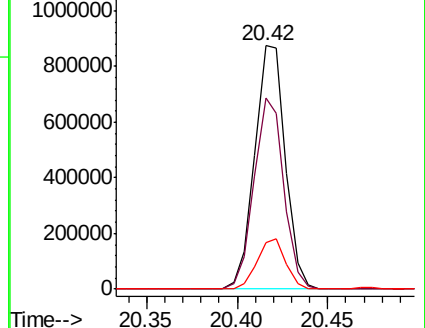
206 19.1 15.8 23.8

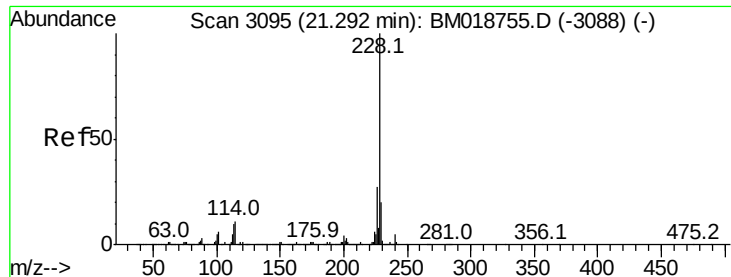


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 31.490 ng

RT: 21.26 min Scan# 3090

Delta R.T. -0.03 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampleId :

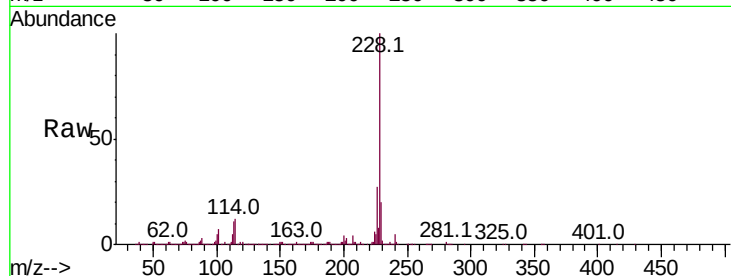
Tot Ion:228 Resp: 1834956

Ion Ratio Lower Upper

228 100

226 27.2 21.9 32.9

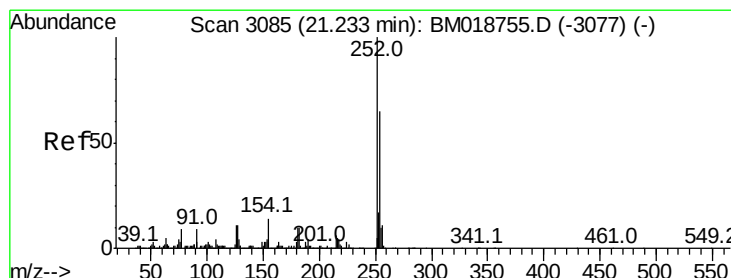
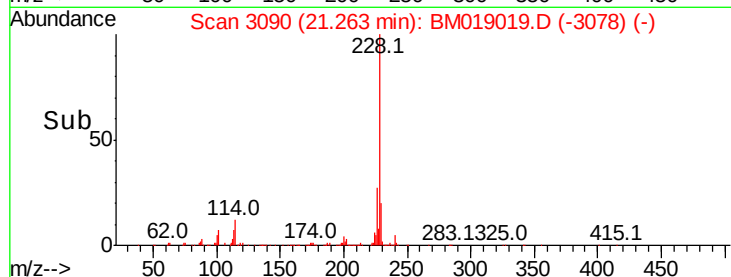
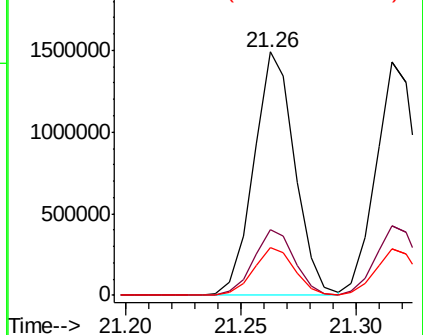
229 19.6 15.9 23.9



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: 19.809 ng

RT: 21.20 min Scan# 3080

Delta R.T. -0.03 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

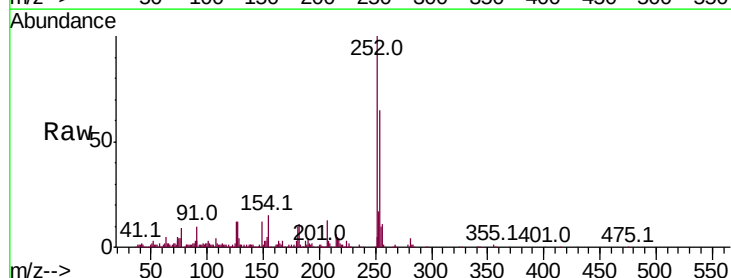
Tgt Ion:252 Resp: 456204

Ion Ratio Lower Upper

252 100

254 64.9 51.8 77.8

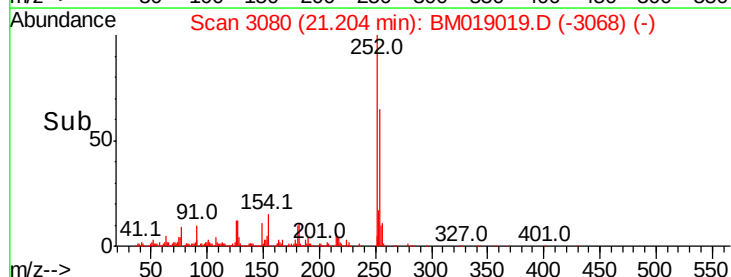
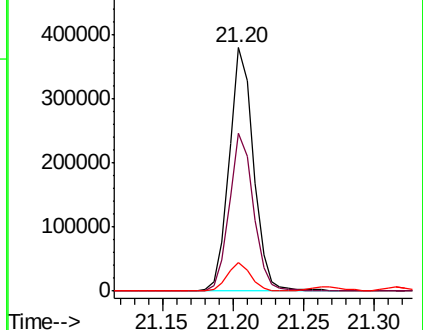
126 11.8 9.1 13.7

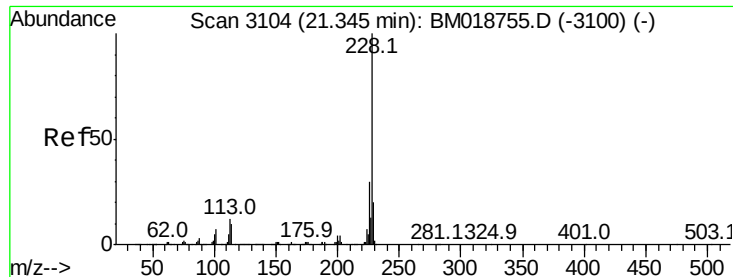


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 31.598 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.03 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampled :

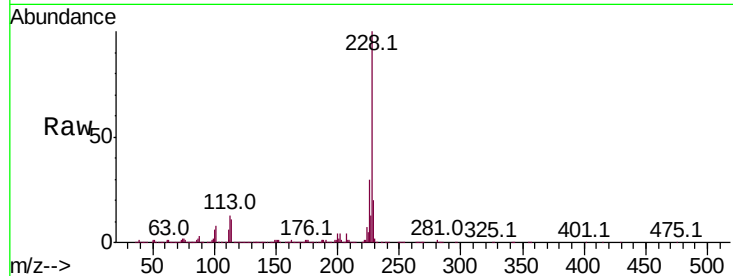
Tot Ion:228 Resp: 1764791

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

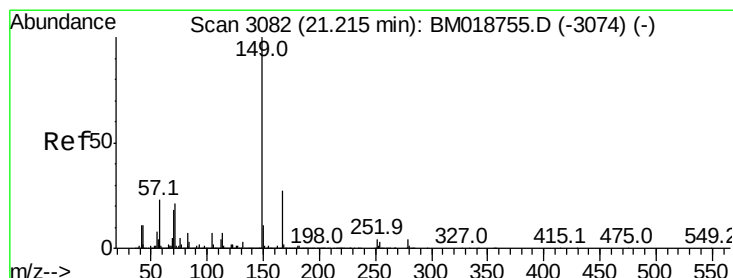
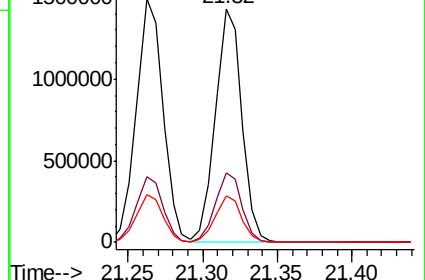
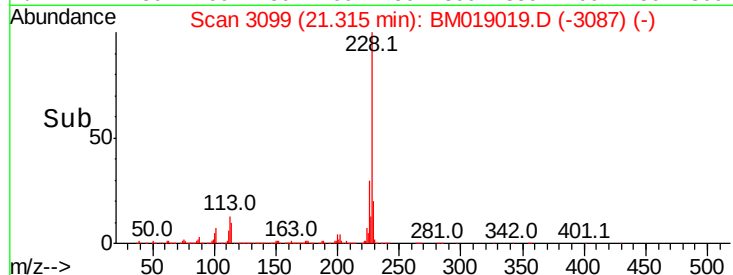
229 19.7 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

2000000 Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.910 ng

RT: 21.19 min Scan# 3077

Delta R.T. -0.03 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

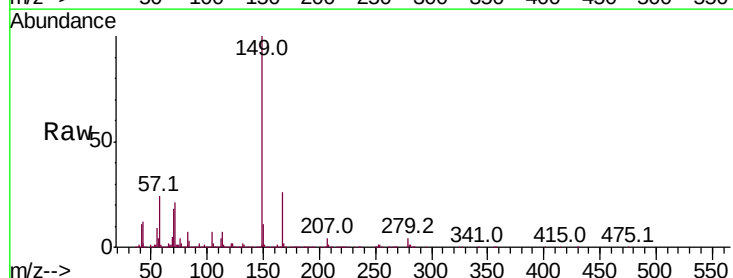
Tgt Ion:149 Resp: 1468125

Ion Ratio Lower Upper

149 100

167 26.4 21.8 32.6

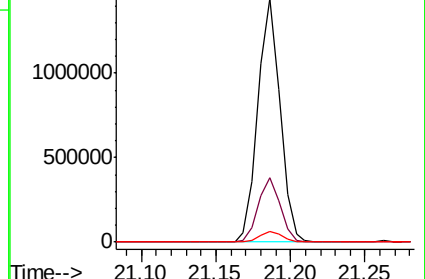
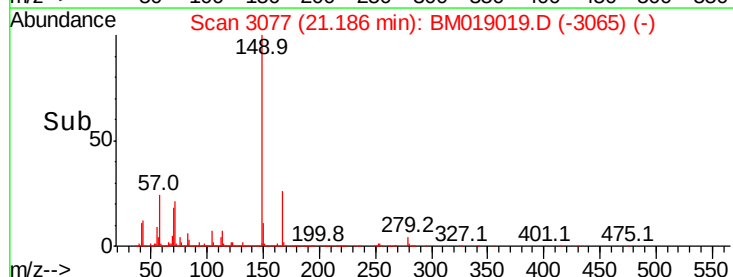
279 4.3 3.6 5.4

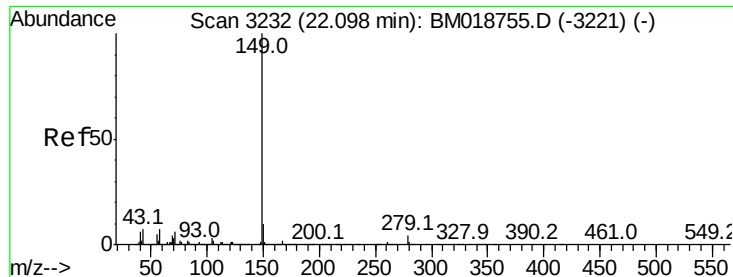


Abundance Ion 149.00 (148.70 to 149.70): E

2000000 Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 34.481 ng

RT: 22.07 min Scan# 3227

Delta R.T. -0.03 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Instrument :

BNA_M

ClientSampled :

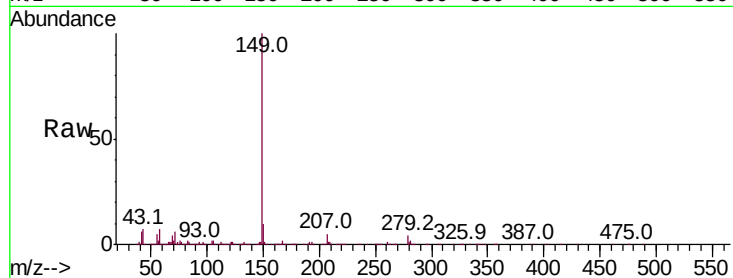
Tot Ion:149 Resp: 2244319

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

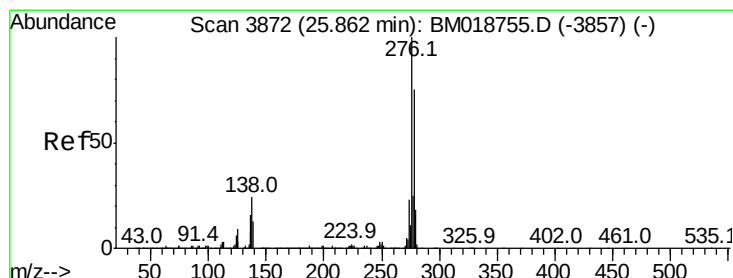
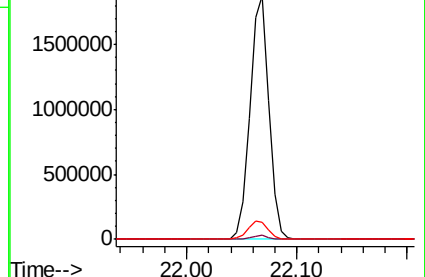
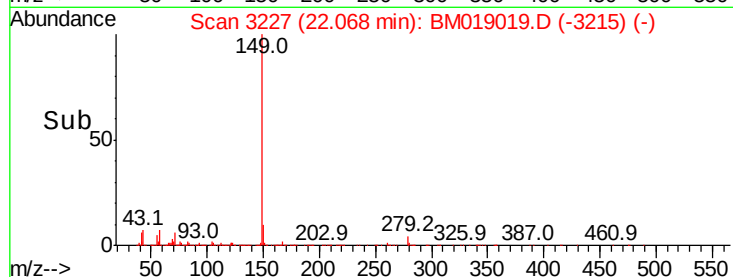
43 7.7 6.0 9.0



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): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 33.250 ng

RT: 25.80 min Scan# 3862

Delta R.T. -0.06 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

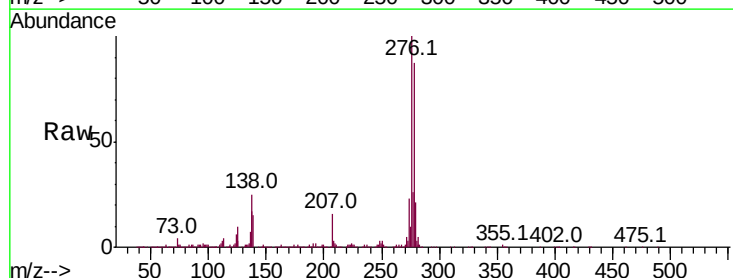
Tgt Ion:276 Resp: 2144113

Ion Ratio Lower Upper

276 100

138 25.0 20.2 30.4

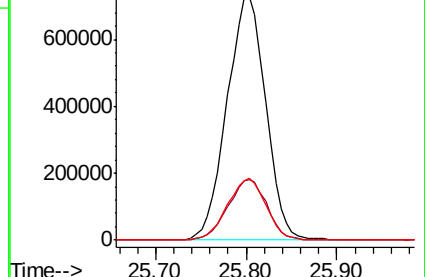
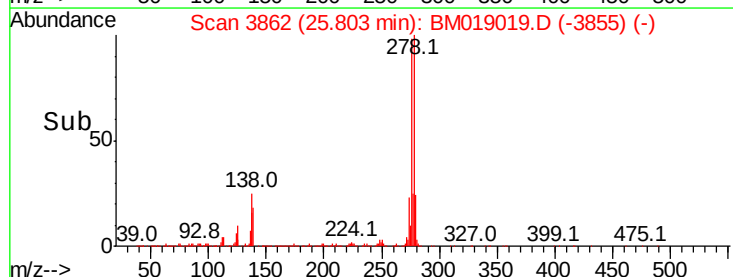
277 25.4 20.3 30.5

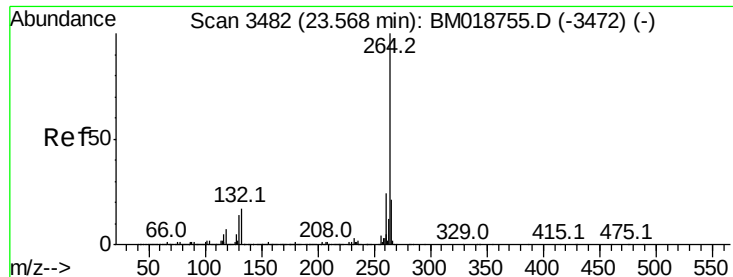


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM019019.D

Acq: 04 Mar 2019 20:53

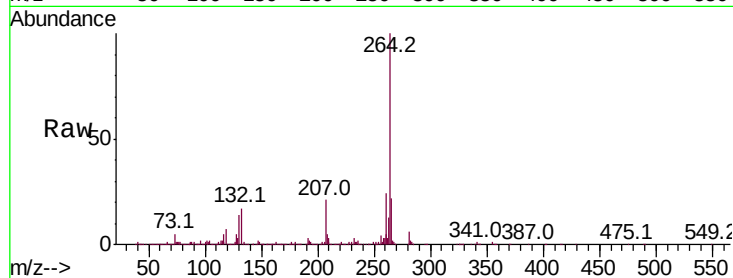
Instrument :

BNA_M

ClientSampleId :

Tot Ion:264 Resp: 974093

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	21.8	17.3	25.9

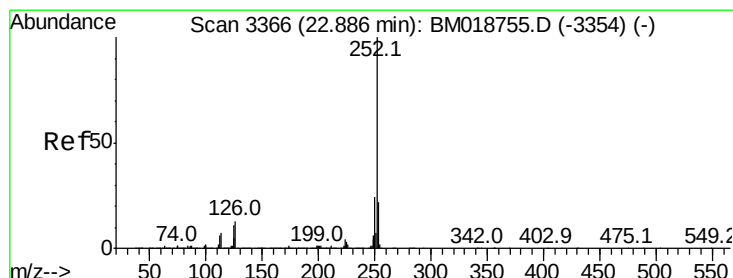
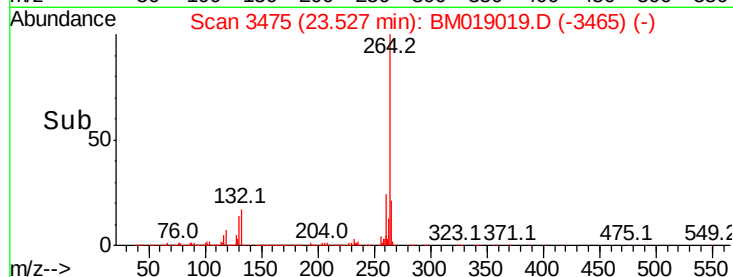
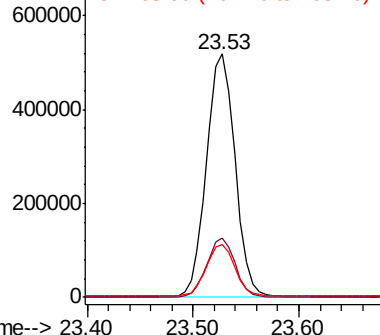


Abundance

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: 31.822 ng

RT: 22.85 min Scan# 3360

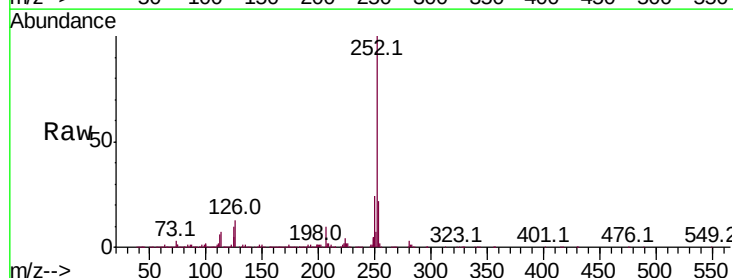
Delta R.T. -0.04 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Tgt Ion:252 Resp: 1773468

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	10.3	8.6	12.8

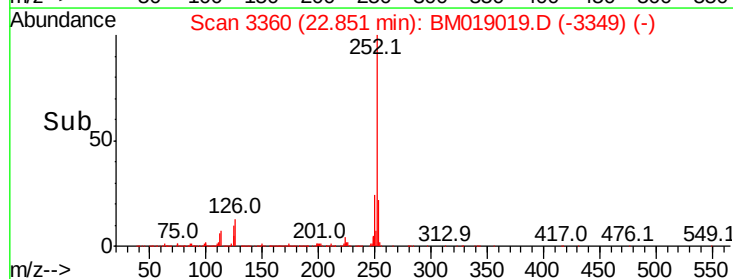
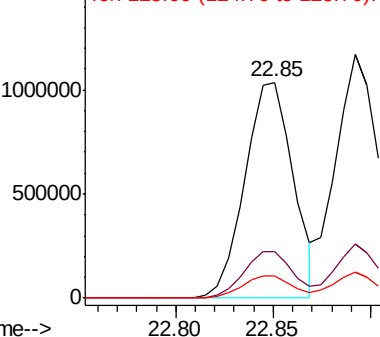


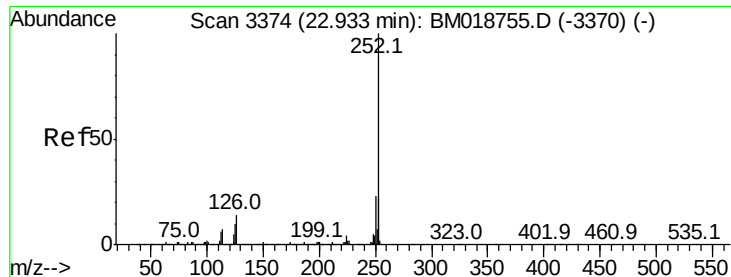
Abundance

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

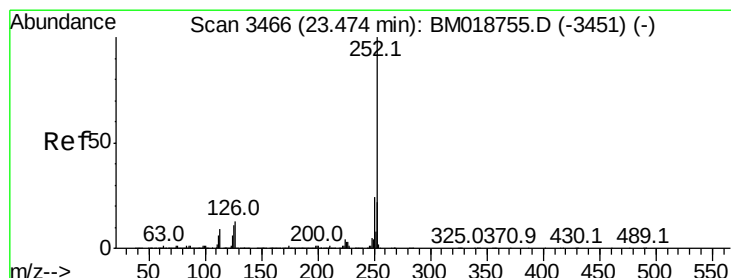
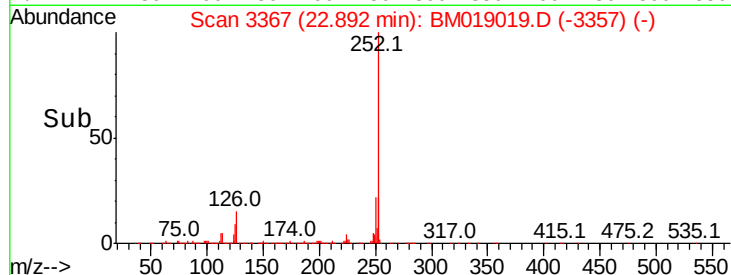
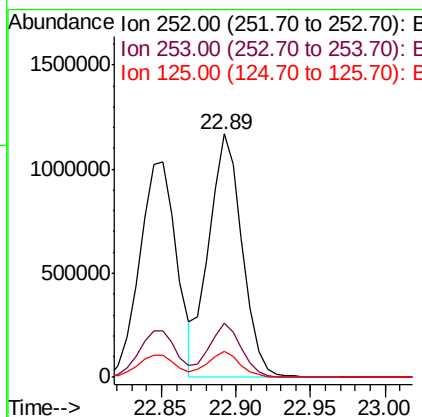
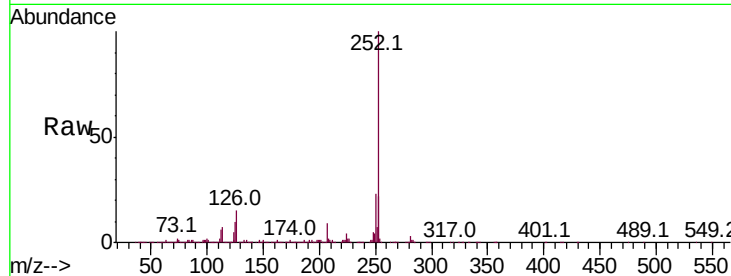




#89
Benzo(k)fluoranthene
Concen: 32.525 ng
RT: 22.89 min Scan# 3367
Delta R.T. -0.04 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

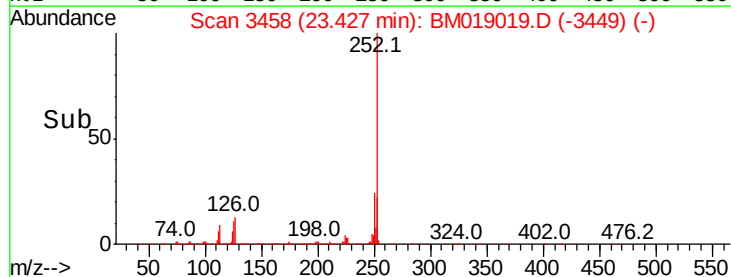
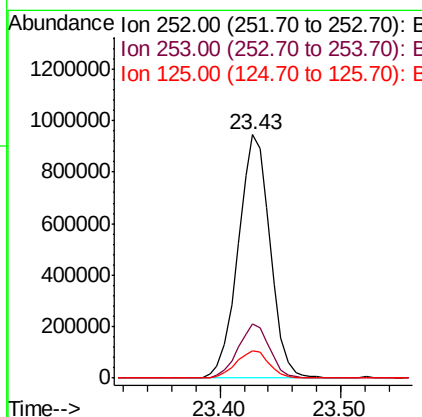
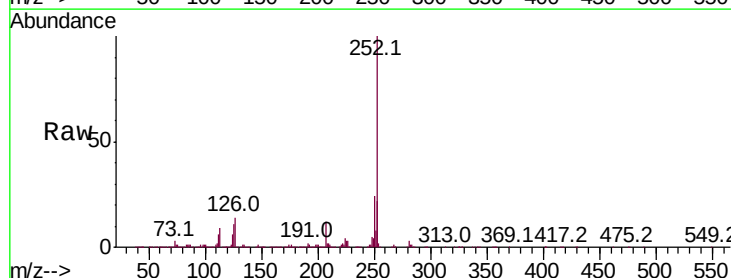
Instrument :
BNA_M
ClientSampleId :

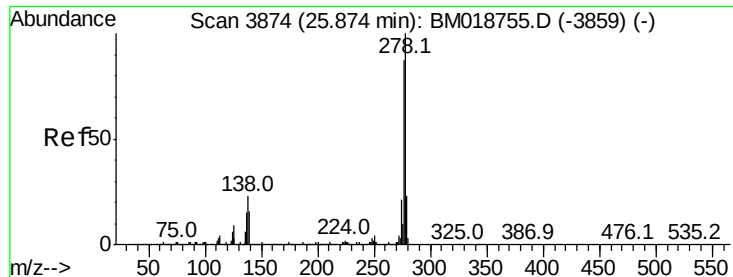
Tot Ion:252 Resp: 1804618
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.4 8.2 12.4



#90
Benzo(a)pyrene
Concen: 32.847 ng
RT: 23.43 min Scan# 3458
Delta R.T. -0.05 min
Lab File: BM019019.D
Acq: 04 Mar 2019 20:53

Tgt Ion:252 Resp: 1734188
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 11.3 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 35.072 ng

RT: 25.81 min Scan# 3863

Delta R.T. -0.06 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

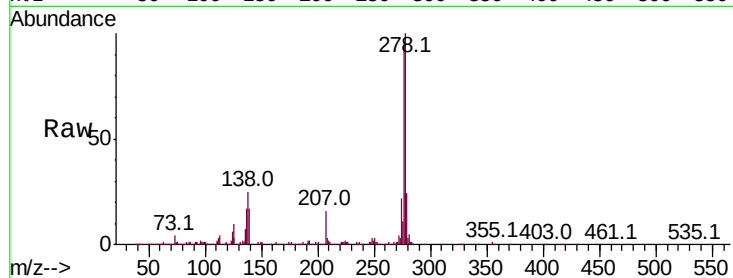
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 1834501

Ion	Ratio	Lower	Upper
278	100		
139	16.5	12.6	18.8
279	24.2	18.6	28.0

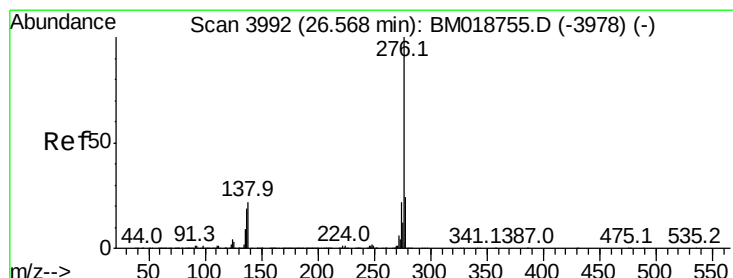
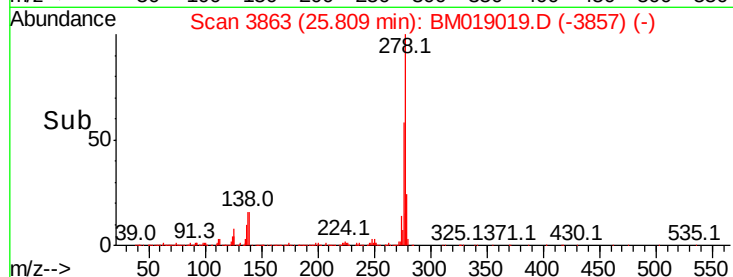
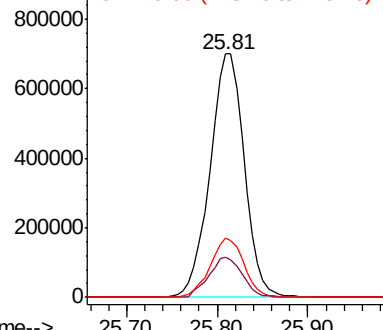


Abundance

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: 35.973 ng

RT: 26.50 min Scan# 3980

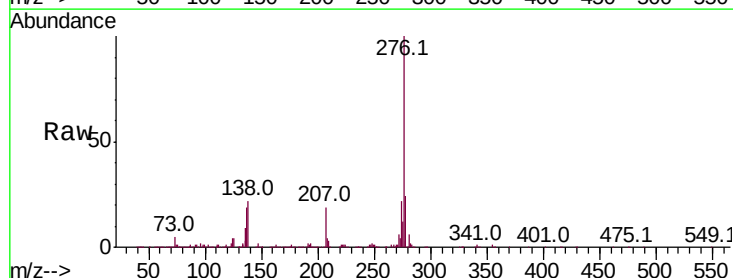
Delta R.T. -0.07 min

Lab File: BM019019.D

Acq: 04 Mar 2019 20:53

Tgt Ion:276 Resp: 1751756

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.2	28.8
138	22.1	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

