

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019018.D
 Acq On : 04 Mar 2019 20:17
 Operator : JU/SJ
 Sample : K1712-19MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:35:29 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	269657	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1127436	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	630645	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1333902	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	1134455	20.00	ng	-0.02
87) Perylene-d12	23.53	264	1044489	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2202712	133.84	ng	-0.03
7) Phenol-d6	6.86	99	3169486	136.70	ng	-0.02
23) Nitrobenzene-d5	8.85	82	1974731	80.99	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1178695	129.66	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	3785516	79.68	ng	-0.04
79) Terphenyl-d14	19.72	244	5098951	92.72	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.23	88	224963	31.384	ng	97
3) Pyridine	3.63	79	653206	33.408	ng	99
4) n-Nitrosodimethylamine	3.55	42	222247	44.681	ng	93
6) Aniline	7.03	93	425775	14.988	ng	99
8) 2-Chlorophenol	7.25	128	778202	43.068	ng	98
9) Benzaldehyde	6.84	77	590779	49.664	ng	99
10) Phenol	6.89	94	1141775	46.803	ng	99
11) bis(2-Chloroethyl)ether	7.12	93	731813	39.325	ng	98
12) 1,3-Dichlorobenzene	7.56	146	748100	36.820	ng	99
13) 1,4-Dichlorobenzene	7.72	146	775102	37.472	ng	99
14) 1,2-Dichlorobenzene	8.03	146	754371	37.968	ng	99
15) Benzyl Alcohol	7.93	79	759381	41.220	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	722567	40.118	ng	98
17) 2-Methylphenol	8.13	107	674840	43.463	ng	97
18) Hexachloroethane	8.74	117	283419	37.535	ng	98
19) n-Nitroso-di-n-propylamine	8.49	70	699559	38.969	ng	98
20) 3+4-Methylphenols	8.46	107	910221	42.454	ng	98
22) Acetophenone	8.51	105	1154967	37.303	ng	99
24) Nitrobenzene	8.89	77	981508	38.780	ng	99
25) Isophorone	9.41	82	1733899	44.567	ng	99
26) 2-Nitrophenol	9.59	139	417472	41.419	ng	99
27) 2,4-Dimethylphenol	9.65	122	708421	48.122	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	1034965	41.138	ng	99
29) 2,4-Dichlorophenol	10.12	162	725154	42.900	ng	100
30) 1,2,4-Trichlorobenzene	10.33	180	738864	37.849	ng	98
31) Naphthalene	10.52	128	2280382	41.472	ng	99
32) Benzoic acid	9.77	122	139603	10.871	ng	97
33) 4-Chloroaniline	10.65	127	122771	4.995	ng	98
34) Hexachlorobutadiene	10.78	225	396174	34.964	ng	100
35) Caprolactam	11.46	113	121251	17.576	ng	90
36) 4-Chloro-3-methylphenol	11.77	107	830371	40.744	ng	99
37) 2-Methylnaphthalene	12.13	142	1676334	43.301	ng	99
38) 1-Methylnaphthalene	12.36	142	1587590	41.937	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	787447	39.033	ng	99

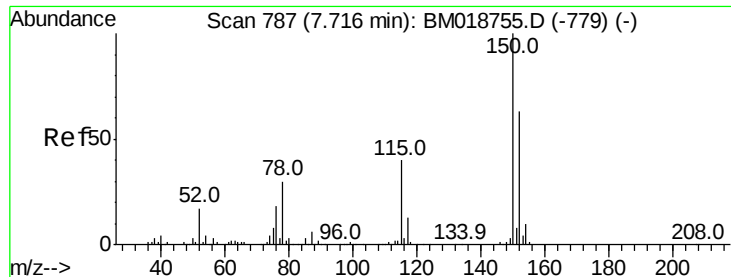
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019018.D
 Acq On : 04 Mar 2019 20:17
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 11 16:02:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	818648	79.370	ng	98
43) 2,4,6-Trichlorophenol	12.76	196	576406	43.160	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	607000	43.364	ng	99
46) 1,1'-Biphenyl	13.16	154	2124654	39.139	ng	100
47) 2-Chloronaphthalene	13.20	162	1653213	39.429	ng	100
48) 2-Nitroaniline	13.43	65	562470	40.392	ng	99
49) Acenaphthylene	14.06	152	2666578	42.711	ng	100
50) Dimethylphthalate	13.80	163	2357669	44.859	ng	100
51) 2,6-Dinitrotoluene	13.93	165	460805	40.474	ng	95
52) Acenaphthene	14.40	154	1541316	40.262	ng	99
53) 3-Nitroaniline	14.26	138	204341	15.885	ng	96
54) 2,4-Dinitrophenol	14.47	184	416366	59.246	ng	98
55) Dibenzofuran	14.73	168	2475309	39.339	ng	99
56) 4-Nitrophenol	14.58	139	774888	75.458	ng	95
57) 2,4-Dinitrotoluene	14.72	165	645416	41.144	ng	98
58) Fluorene	15.39	166	2012108	41.799	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.96	232	532143	43.009	ng	99
60) Diethylphthalate	15.17	149	2103937	38.807	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	988941	36.641	ng	98
62) 4-Nitroaniline	15.44	138	421440	33.417	ng	97
63) Azobenzene	15.67	77	2234251	38.435	ng	100
65) 4,6-Dinitro-2-methylphenol	15.48	198	320372	34.208	ng	99
66) n-Nitrosodiphenylamine	15.60	169	1738958	41.263	ng	99
67) 4-Bromophenyl-phenylether	16.28	248	581513	38.947	ng	99
68) Hexachlorobenzene	16.38	284	684478	39.440	ng	97
69) Atrazine	16.56	200	578951	42.612	ng	99
70) Pentachlorophenol	16.73	266	825689	73.892	ng	99
71) Phenanthrene	17.13	178	2969400	41.422	ng	100
72) Anthracene	17.22	178	3009150	43.127	ng	100
73) Carbazole	17.50	167	2751050	37.739	ng	99
74) Di-n-butylphthalate	18.05	149	3456475	41.229	ng	100
75) Fluoranthene	19.15	202	3167124	38.247	ng	98
77) Benzidine	19.35	184	1315767	51.499	ng	99
78) Pyrene	19.52	202	3144771	47.729	ng	100
80) Butylbenzylphthalate	20.42	149	1493951	49.752	ng	96
81) Benzo(a)anthracene	21.27	228	2686839	40.630	ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	628564	24.050	ng	100
83) Chrysene	21.32	228	2601871	41.049	ng	99
84) Bis(2-ethylhexyl)phthalate	21.19	149	2167256	49.313	ng	99
85) Di-n-octyl phthalate	22.07	149	3448493	46.686	ng	100
86) Indeno(1,2,3-cd)pyrene	25.80	276	2927354	40.002	ng	100
88) Benzo(b)fluoranthene	22.85	252	2600941	43.524	ng	99
89) Benzo(k)fluoranthene	22.90	252	2458893	41.330	ng	100
90) Benzo(a)pyrene	23.43	252	2427627	42.882	ng	99
91) Dibenzo(a,h)anthracene	25.82	278	2514777	44.837	ng	99
92) Benzo(g,h,i)perylene	26.50	276	2374480	45.474	ng	99

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

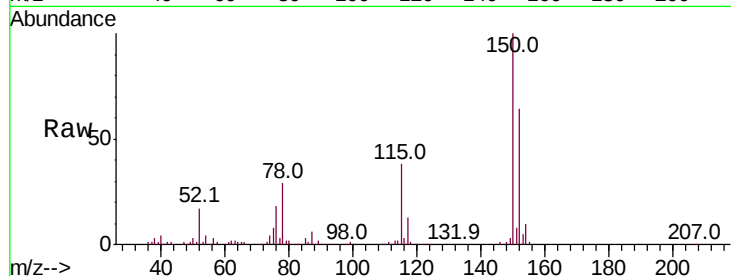


#1

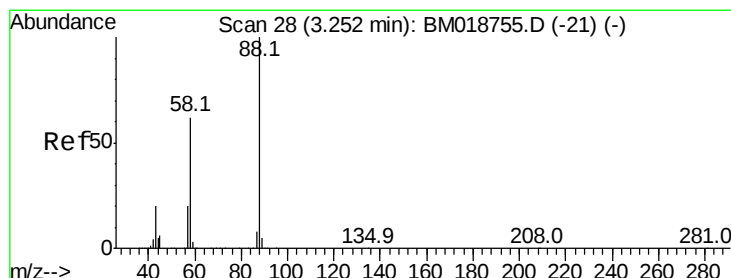
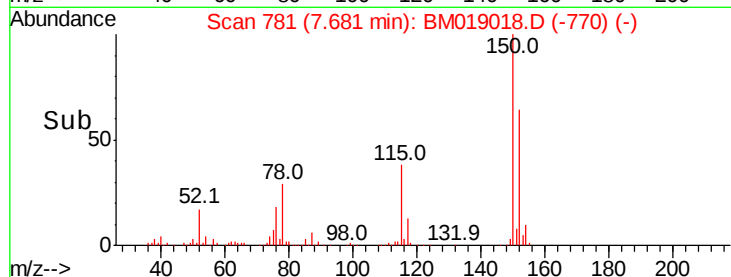
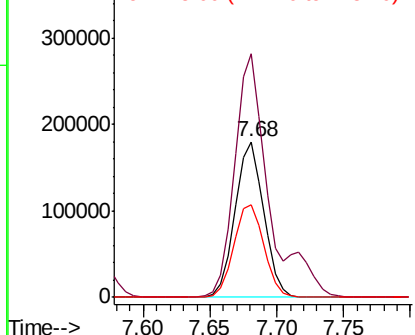
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 269657
Ion Ratio Lower Upper
152 100
150 156.7 127.3 190.9
115 59.8 50.8 76.2



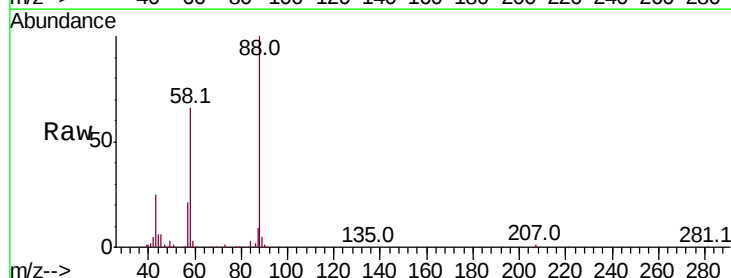
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



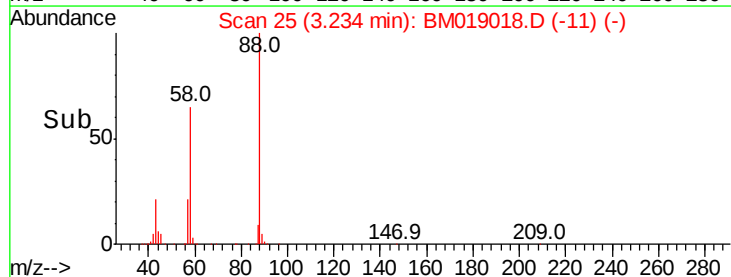
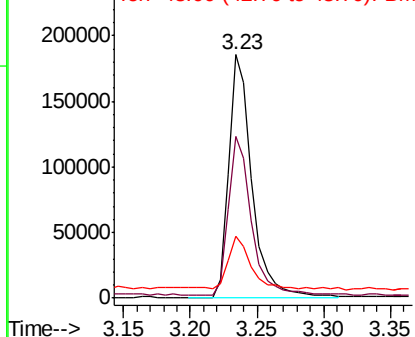
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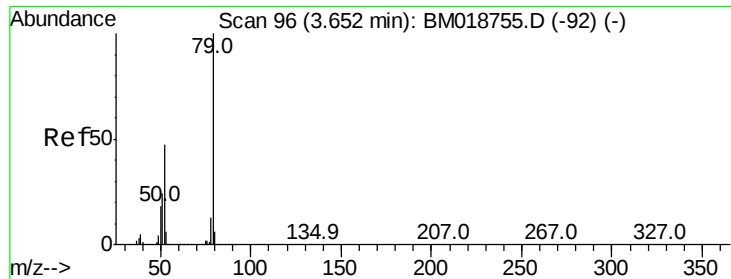
1,4-Dioxane
Concen: 31.384 ng
RT: 3.23 min Scan# 25
Delta R.T. -0.02 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion: 88 Resp: 224963
Ion Ratio Lower Upper
88 100
58 65.0 49.8 74.6
43 20.3 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: 33.408 ng

RT: 3.63 min Scan# 92

Delta R.T. -0.02 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Instrument :

BNA_M

ClientSampled :

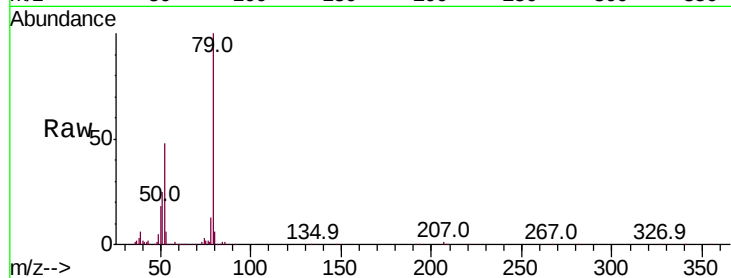
Tot Ion: 79 Resp: 653206

Ion Ratio Lower Upper

79 100

52 48.1 37.6 56.4

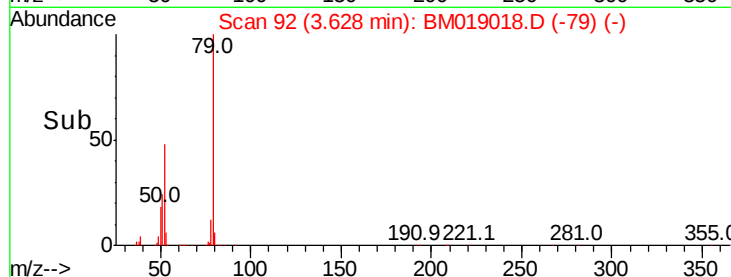
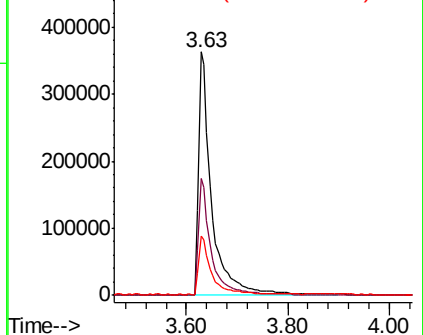
51 24.6 19.7 29.5



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

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

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



#4

n-Nitrosodimethylamine

Concen: 44.681 ng

RT: 3.55 min Scan# 79

Delta R.T. -0.02 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

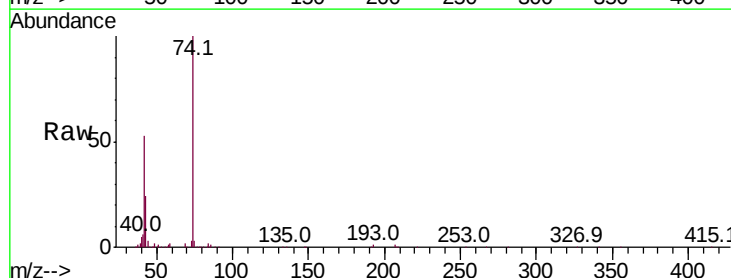
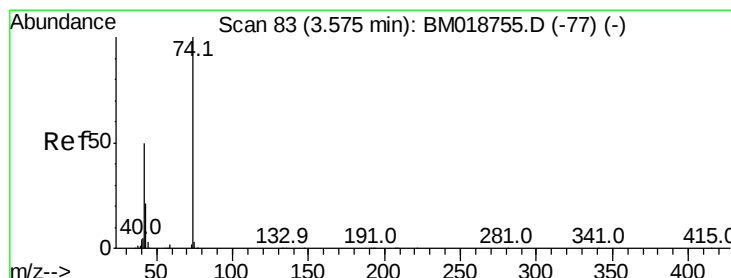
Tgt Ion: 42 Resp: 222247

Ion Ratio Lower Upper

42 100

74 187.4 158.1 237.1

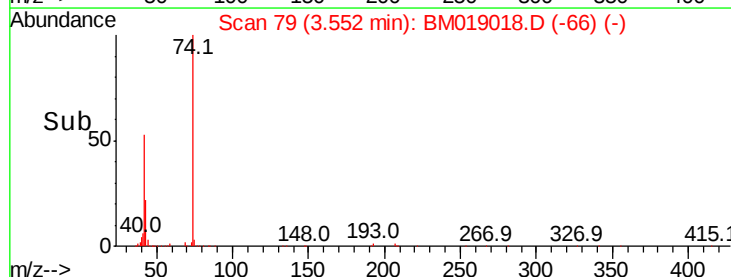
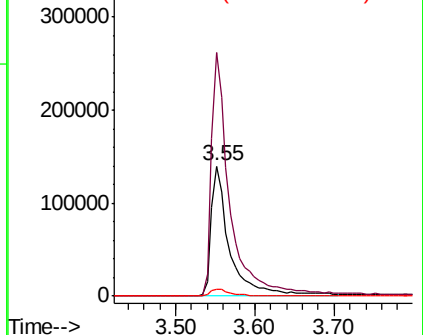
44 5.4 4.9 7.3

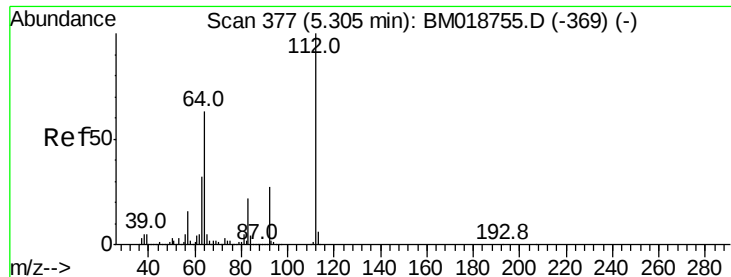


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

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

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





#5

2-Fluorophenol

Concen: 133.840 ng

RT: 5.28 min Scan# 372

Delta R.T. -0.03 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Instrument :

BNA_M

ClientSampleId :

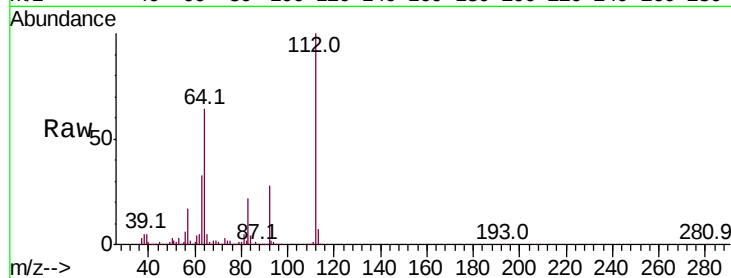
Tot Ion:112 Resp: 2202712

Ion Ratio Lower Upper

112 100

64 64.0 50.6 75.8

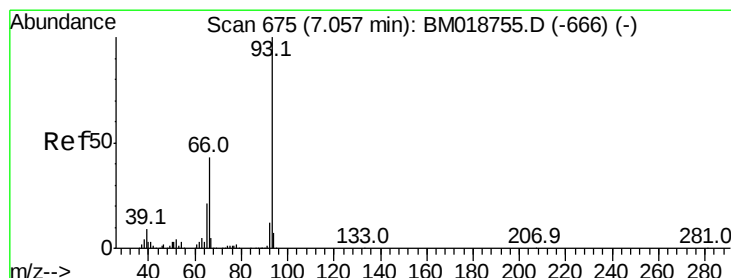
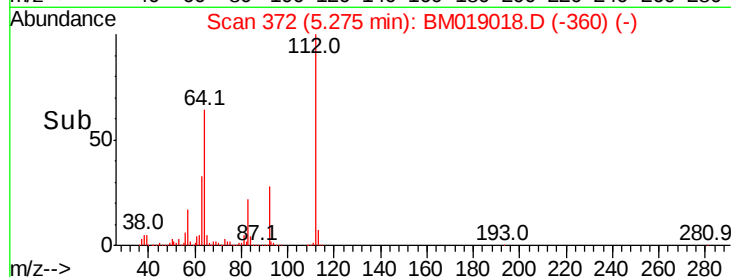
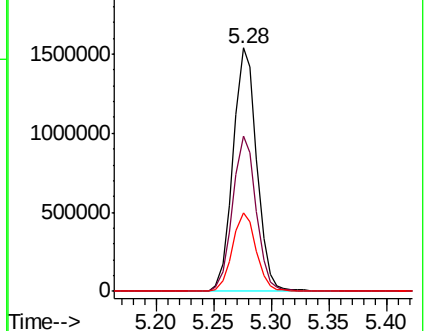
63 32.5 25.7 38.5



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 14.988 ng

RT: 7.03 min Scan# 670

Delta R.T. -0.03 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

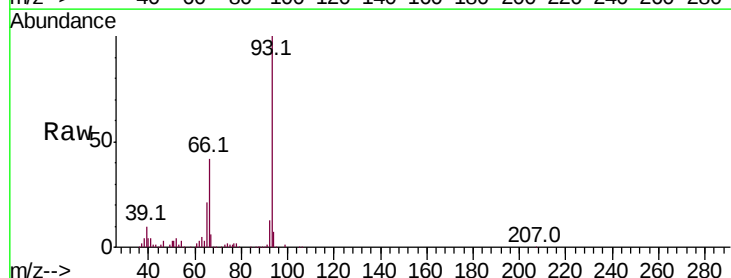
Tgt Ion: 93 Resp: 425775

Ion Ratio Lower Upper

93 100

66 42.0 34.1 51.1

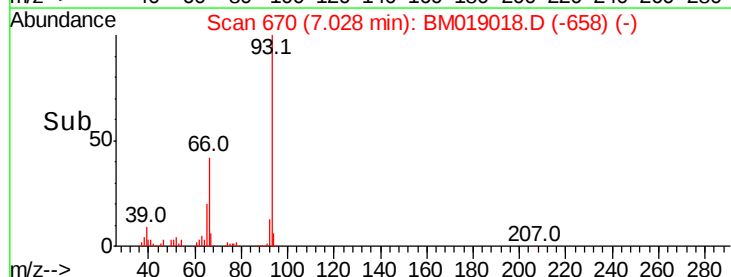
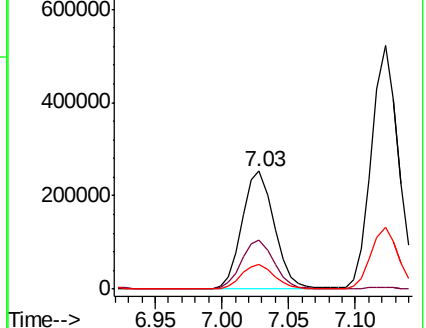
65 20.5 16.6 24.8

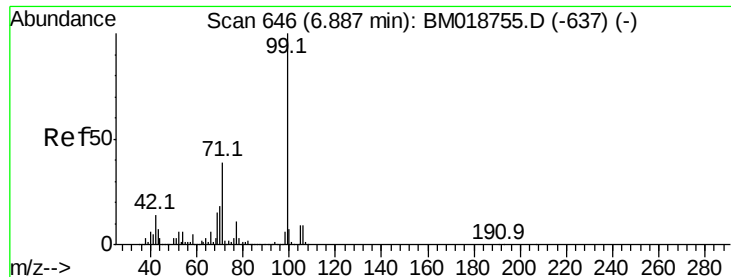


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 136.704 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

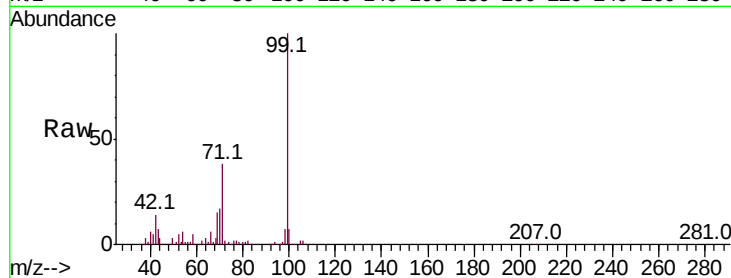
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 99 Resp: 3169486

Ion	Ratio	Lower	Upper
99	100		
42	13.8	11.0	16.6
71	37.8	31.3	46.9

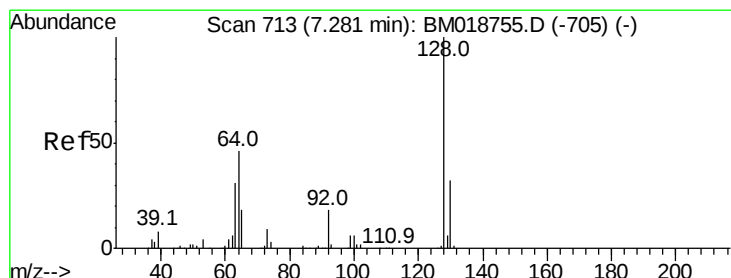
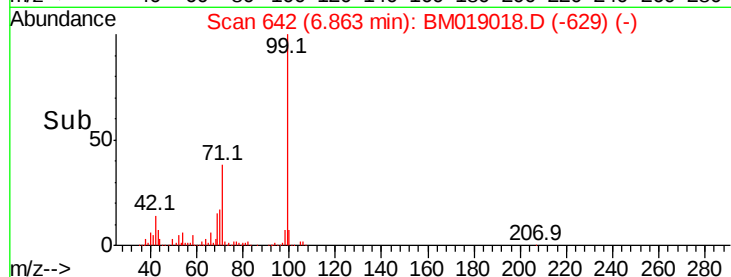
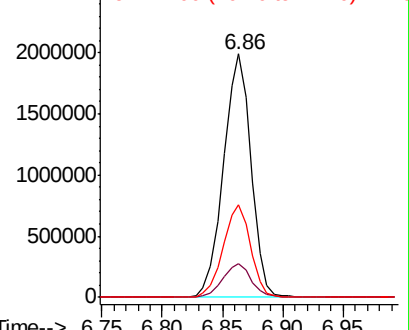


Abundance

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

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

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



#8

2-Chlorophenol

Concen: 43.068 ng

RT: 7.25 min Scan# 707

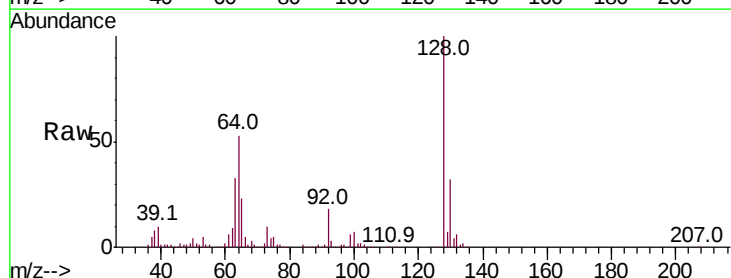
Delta R.T. -0.04 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Tgt Ion: 128 Resp: 778202

Ion	Ratio	Lower	Upper
128	100		
130	32.1	11.7	51.7
64	52.8	31.0	71.0

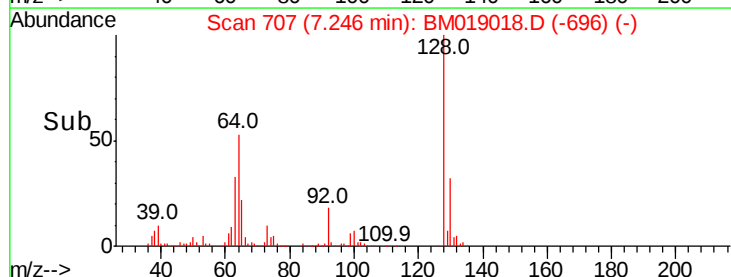
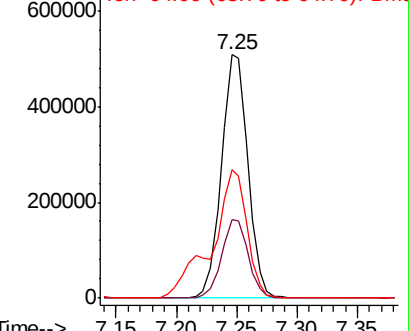


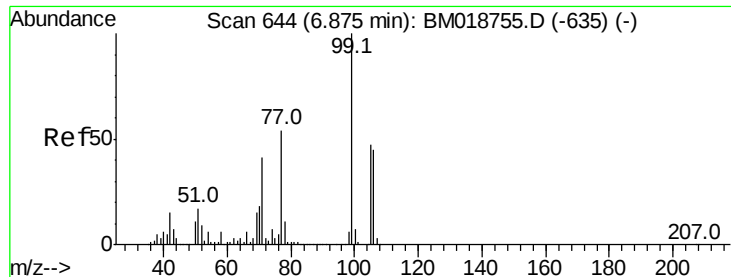
Abundance

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

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

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





#9

Benzaldehyde

Concen: 49.664 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.04 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Instrument :

BNA_M

ClientSampled :

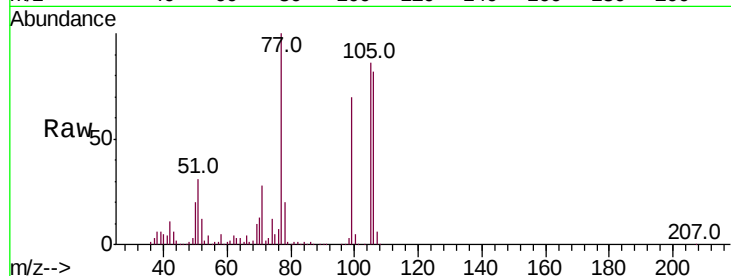
Tot Ion: 77 Resp: 590779

Ion Ratio Lower Upper

77 100

105 86.0 67.3 107.3

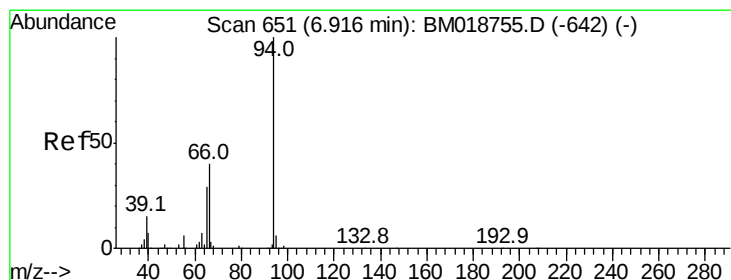
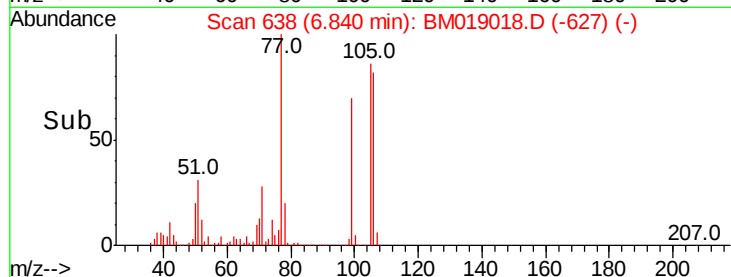
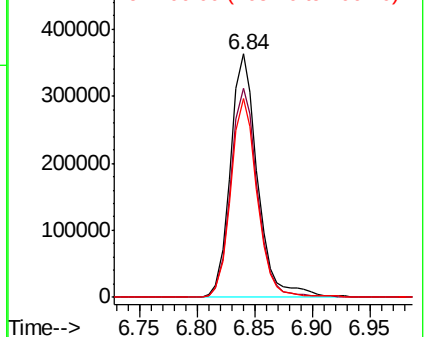
106 81.5 62.9 102.9



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: 46.803 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.03 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

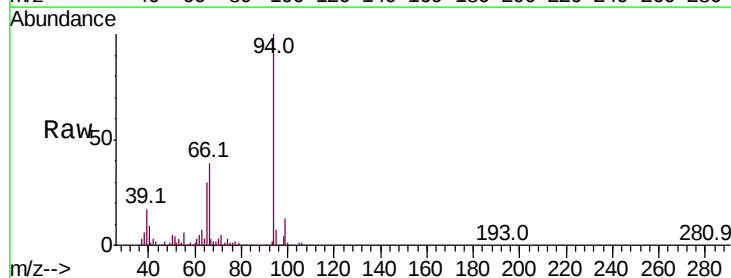
Tgt Ion: 94 Resp: 1141775

Ion Ratio Lower Upper

94 100

65 29.8 9.6 49.6

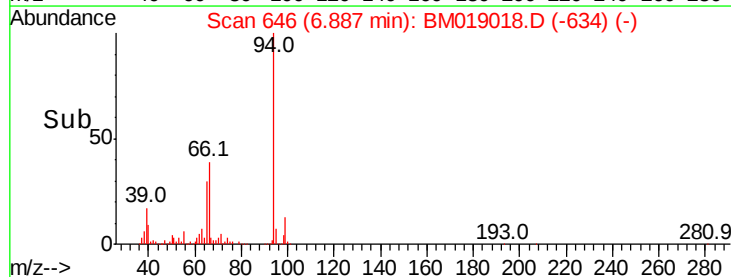
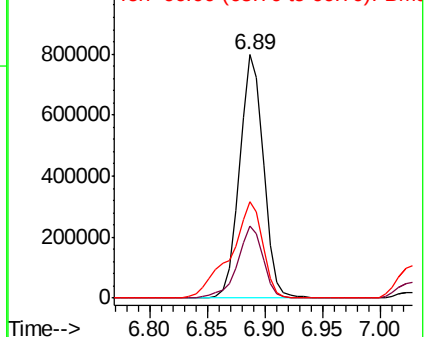
66 39.4 20.4 60.4

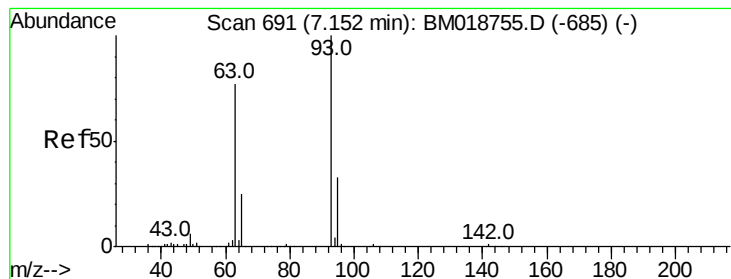


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

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

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

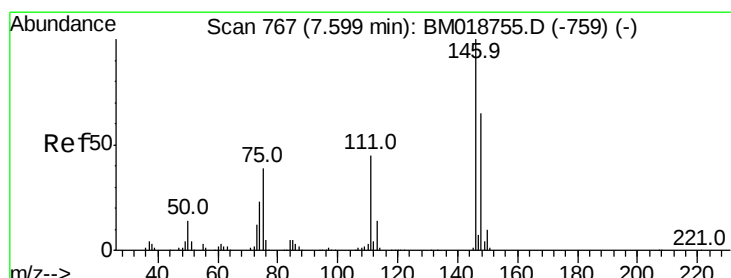
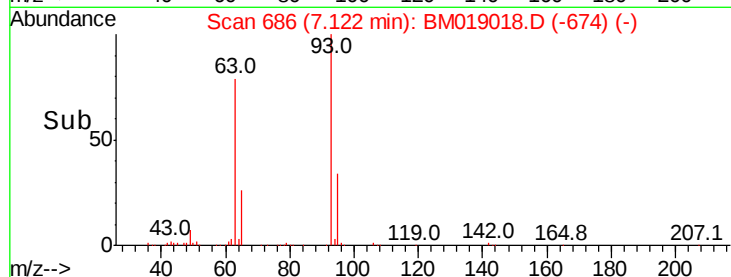
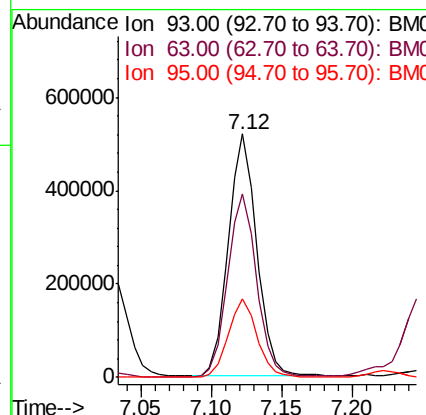
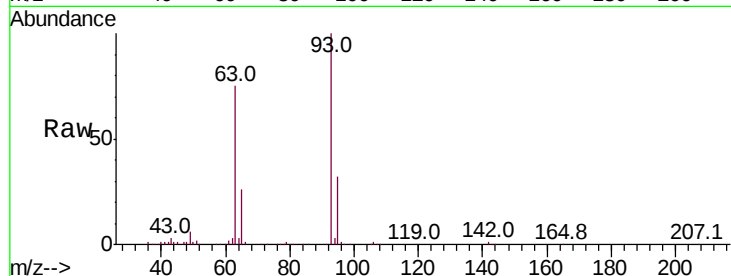




#11
bis(2-Chloroethyl)ether
Concen: 39.325 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.03 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

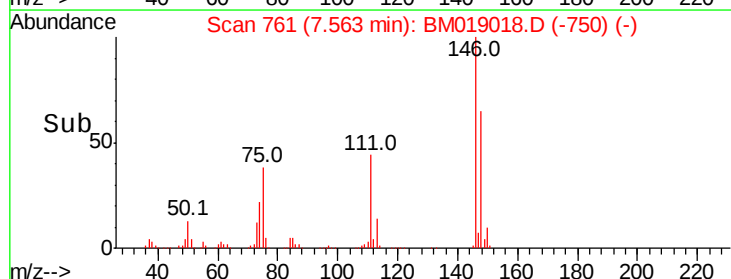
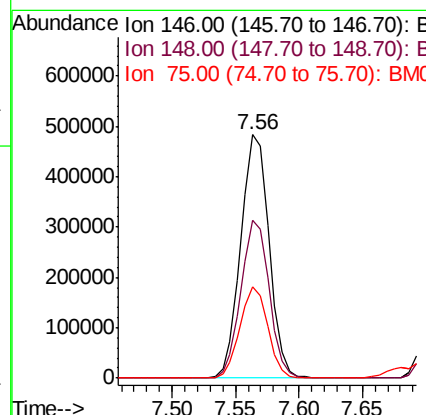
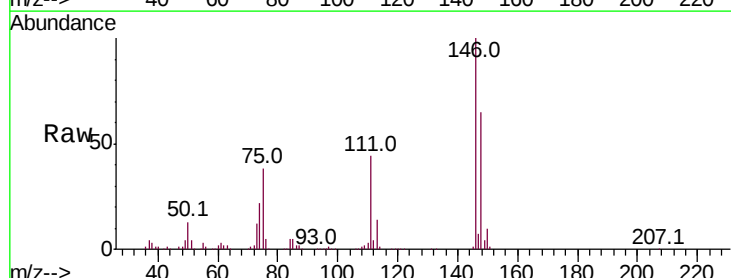
Instrument :
BNA_M
ClientSampleId :

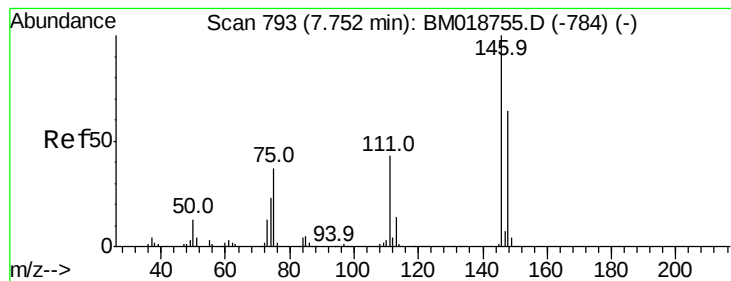
Tot Ion	Ratio	Lower	Upper
93	100		
63	75.2	57.0	97.0
95	32.2	12.4	52.4



#12
1,3-Dichlorobenzene
Concen: 36.820 ng
RT: 7.56 min Scan# 761
Delta R.T. -0.04 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	51.7	77.5
75	37.6	31.3	46.9





#13

1,4-Dichlorobenzene

Concen: 37.472 ng

RT: 7.72 min Scan# 787

Delta R.T. -0.04 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Instrument :

BNA_M

ClientSampleId :

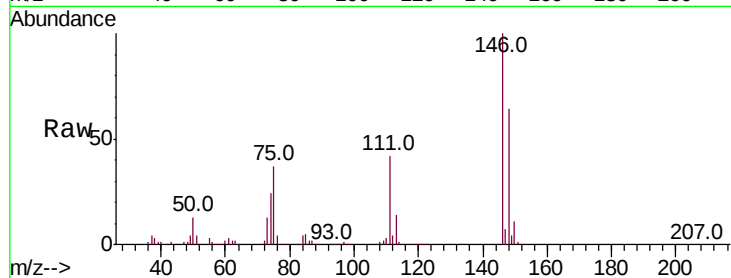
Tot Ion:146 Resp: 775102

Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

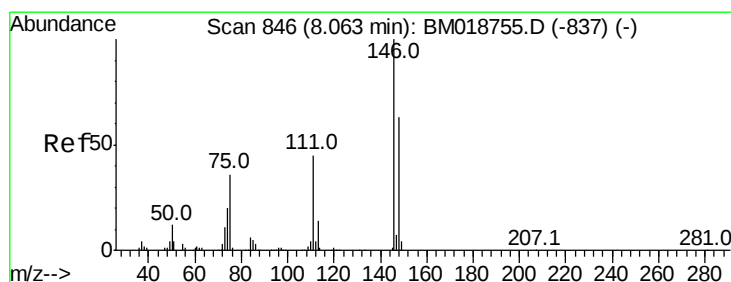
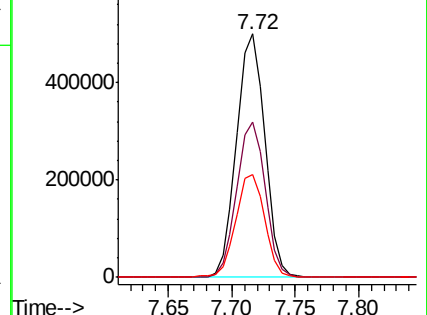
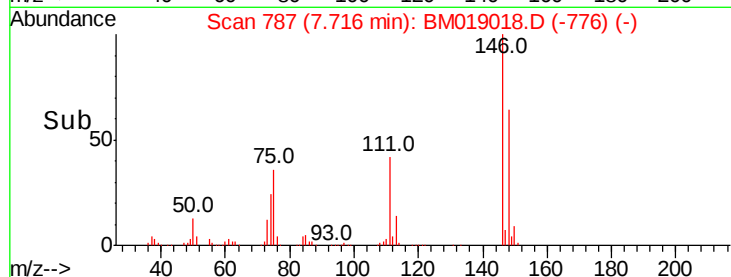
111 42.4 34.6 52.0



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: 37.968 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.04 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

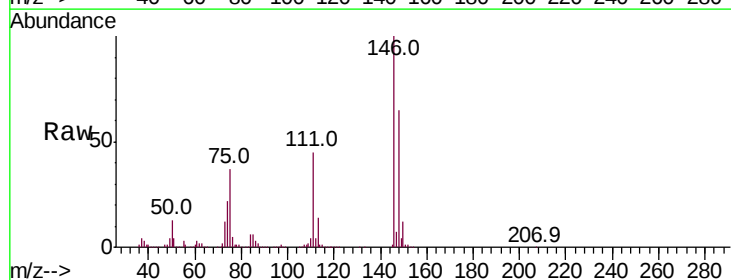
Tgt Ion:146 Resp: 754371

Ion Ratio Lower Upper

146 100

148 64.9 50.7 76.1

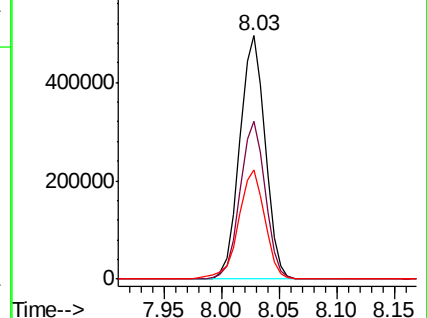
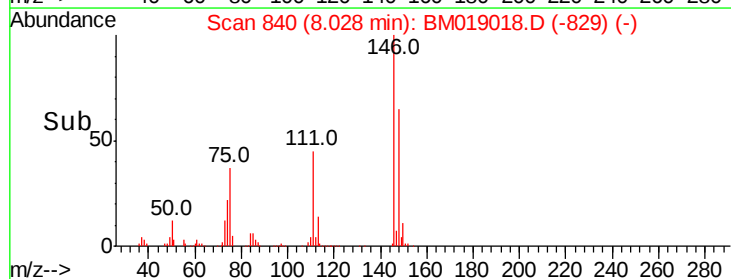
111 44.6 35.9 53.9

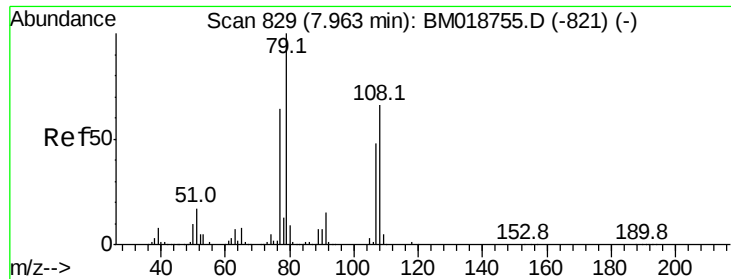


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.220 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Instrument :

BNA_M

ClientSampleId :

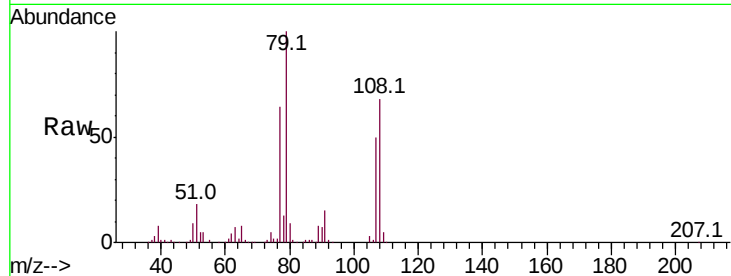
Tot Ion: 79 Resp: 759381

Ion Ratio Lower Upper

79 100

108 68.3 52.7 79.1

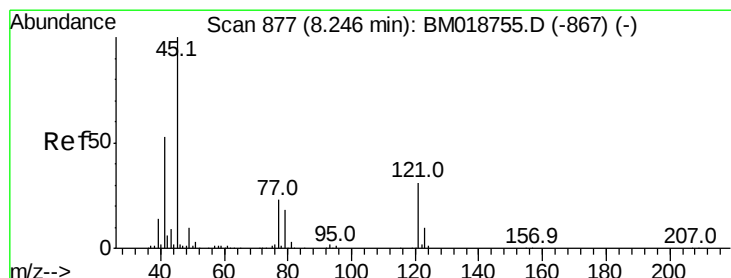
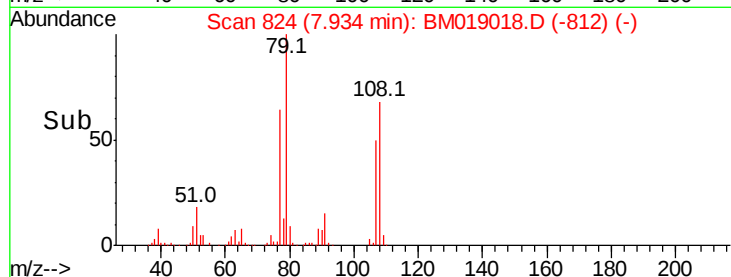
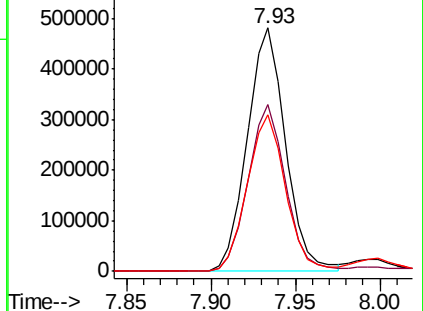
77 64.2 51.0 76.4



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: 40.118 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.04 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

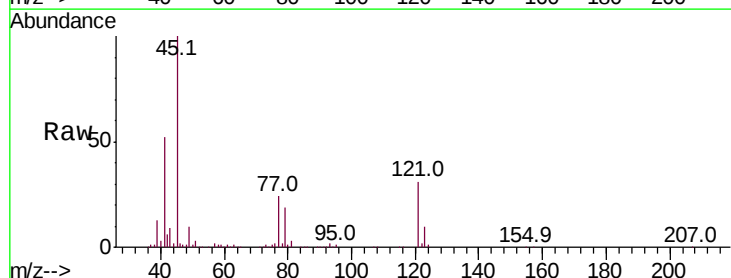
Tgt Ion: 45 Resp: 722567

Ion Ratio Lower Upper

45 100

77 23.8 5.0 45.0

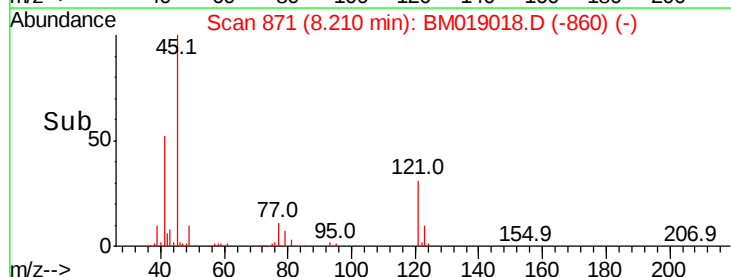
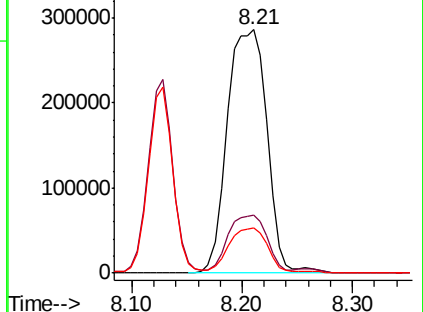
79 18.6 0.0 39.3

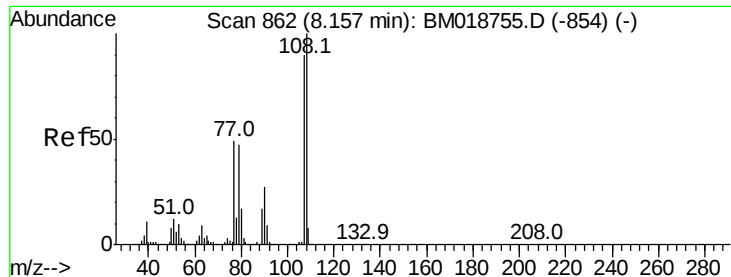


Abundance Ion 45.00 (44.70 to 45.70): BM018755.D (-867) (-)

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

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

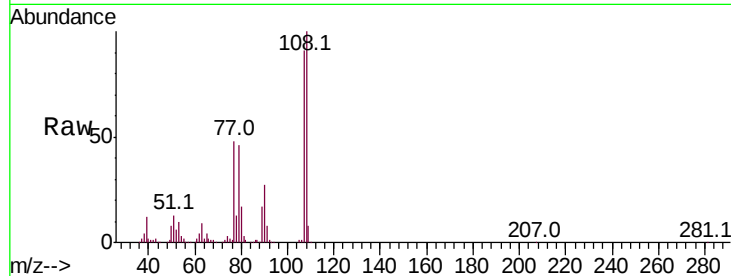




#17
2-Methylphenol
Concen: 43.463 ng
RT: 8.13 min Scan# 857
Delta R.T. -0.03 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.3	88.8	133.2
77	52.4	44.0	66.0
79	50.2	42.4	63.6



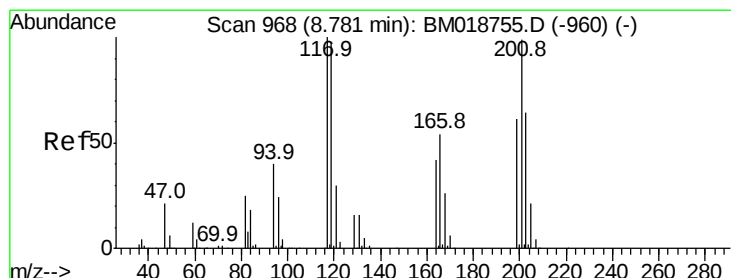
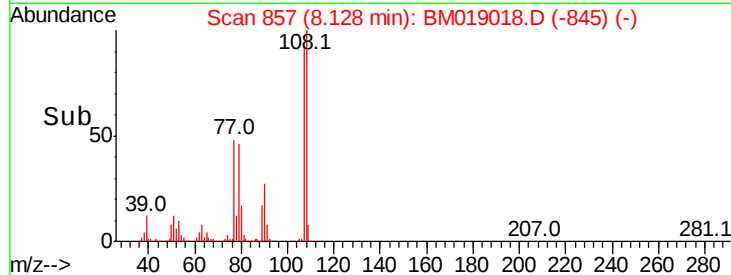
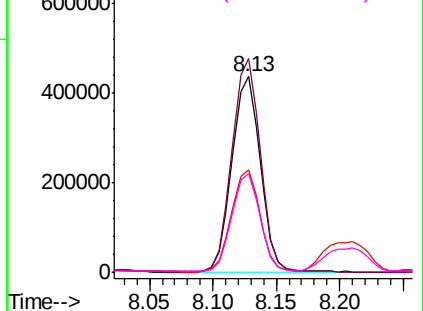
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

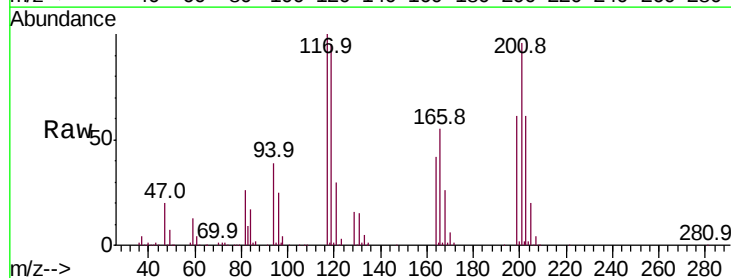
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 37.535 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.04 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.9	116.9
201	96.4	79.2	118.8

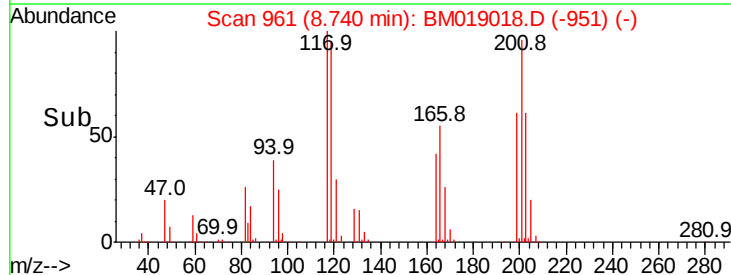
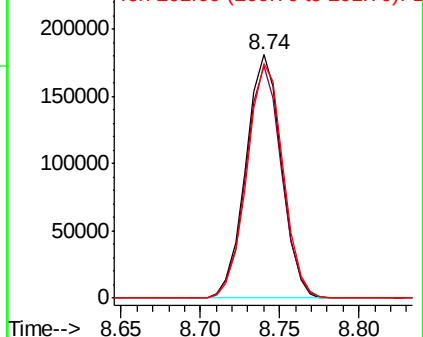


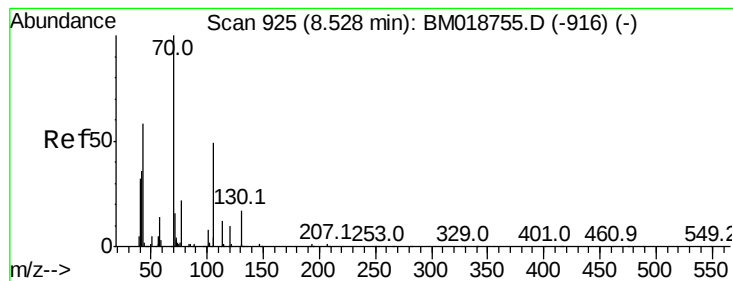
Abundance

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: 38.969 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.04 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 699559

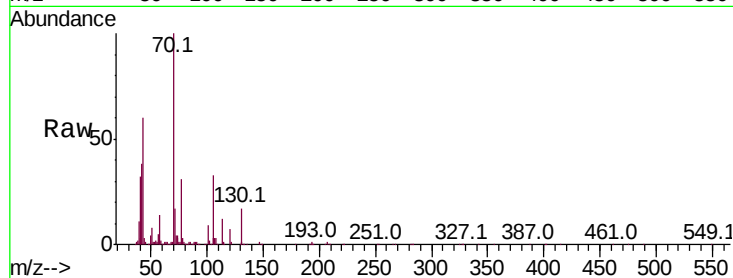
Ion Ratio Lower Upper

70 100

42 38.3 29.4 44.0

101 8.8 6.7 10.1

130 17.4 14.0 21.0

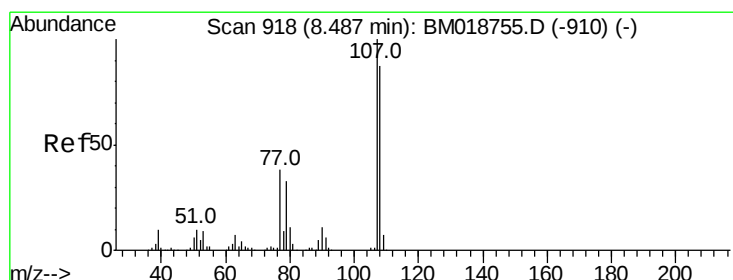
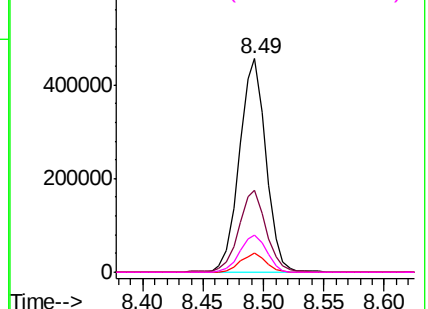
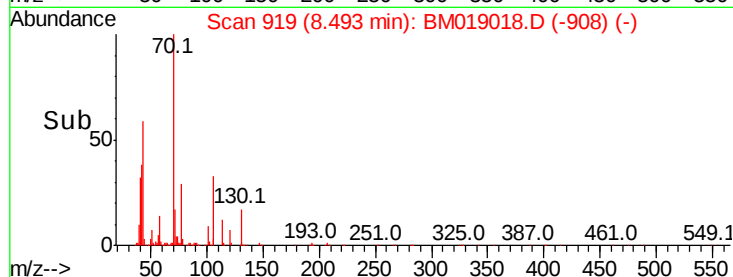


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 42.454 ng

RT: 8.46 min Scan# 913

Delta R.T. -0.03 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Tgt Ion: 107 Resp: 910221

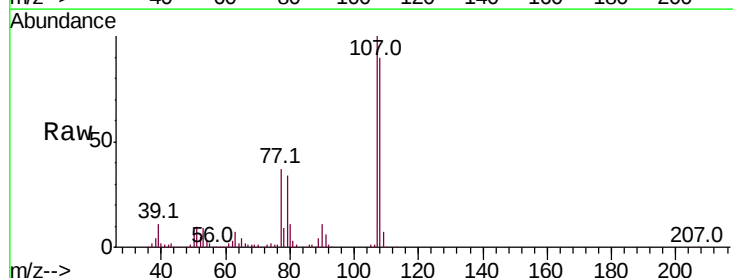
Ion Ratio Lower Upper

107 100

108 89.8 67.3 107.3

77 37.5 18.0 58.0

79 34.0 12.8 52.8

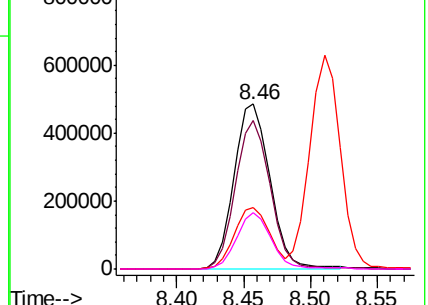
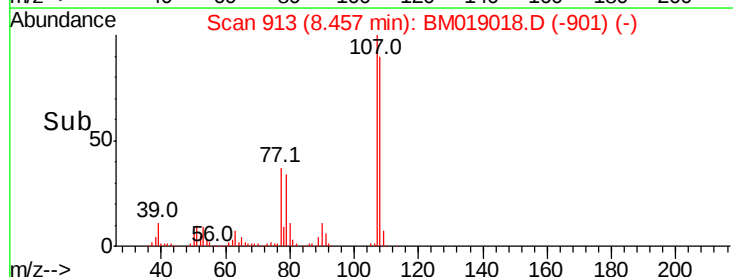


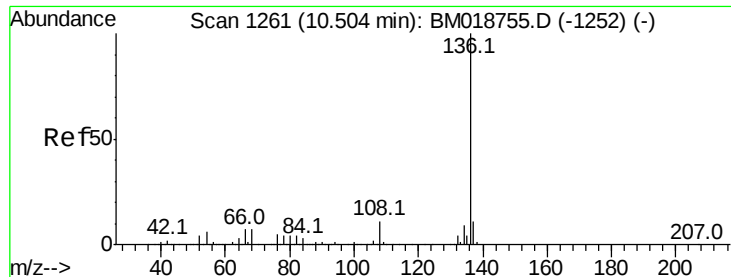
Abundance Ion 107.00 (106.70 to 107.70): E

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

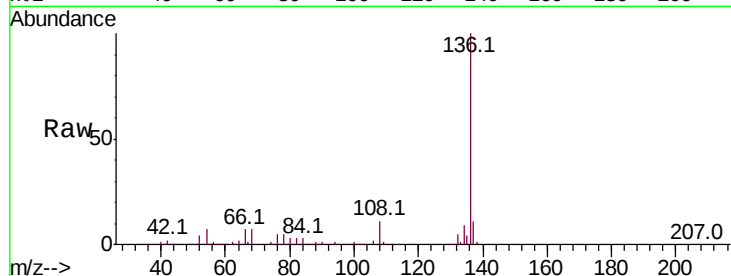




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.47 min Scan# 1255
Delta R.T. -0.04 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:	136	Resp:	1127436
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.7	5.0	7.6
68	7.2	5.5	8.3



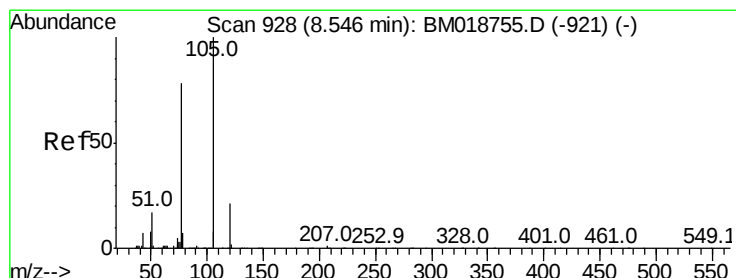
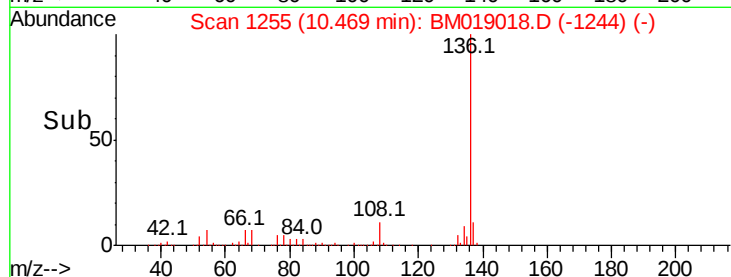
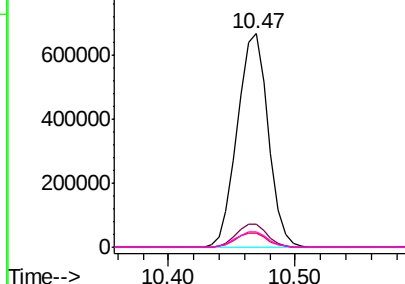
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

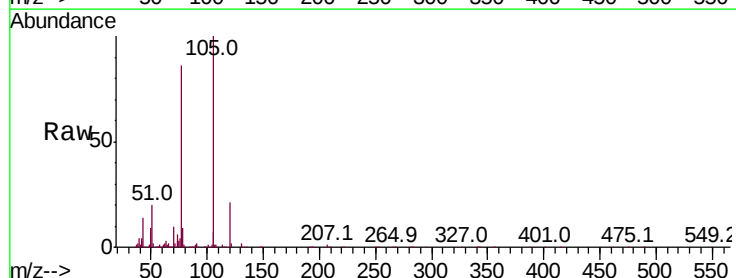
Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22
Acetophenone
Concen: 37.303 ng
RT: 8.51 min Scan# 922
Delta R.T. -0.04 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion:	105	Resp:	1154967
Ion	Ratio	Lower	Upper
105	100		
71	1.5	1.1	1.7
51	20.2	15.5	23.3
120	20.9	17.0	25.4



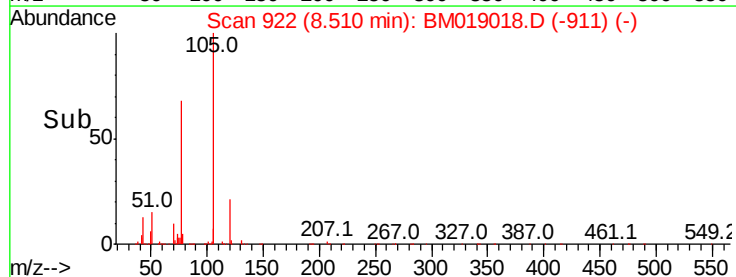
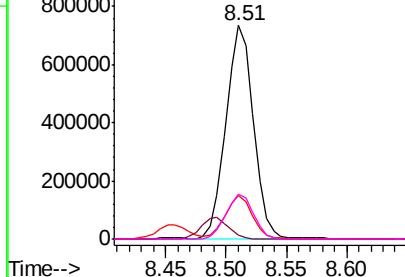
Abundance

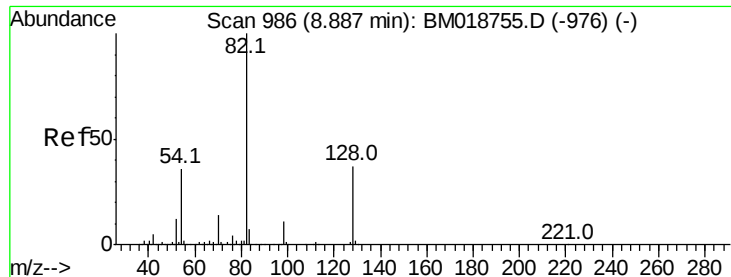
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E



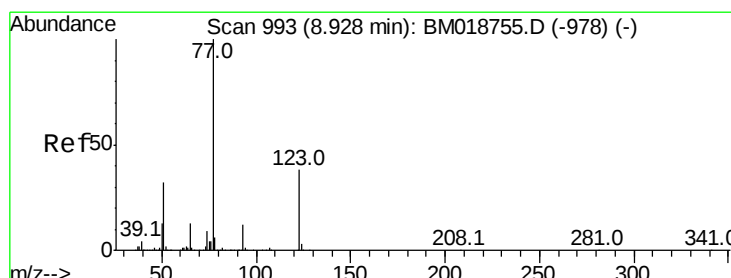
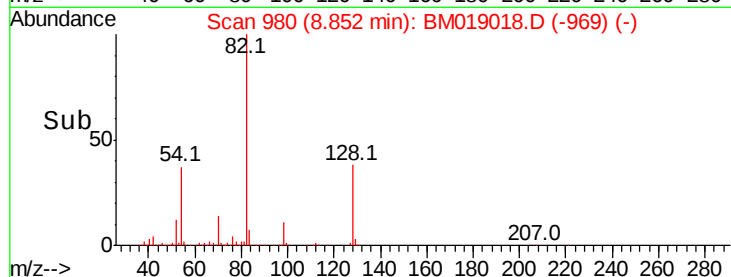
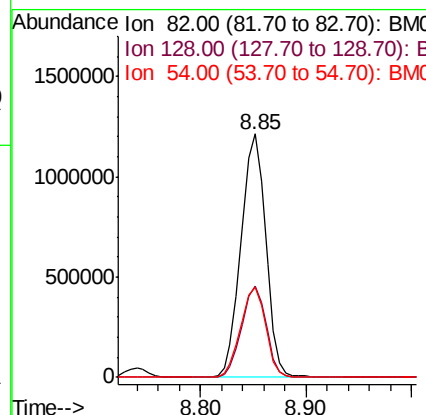
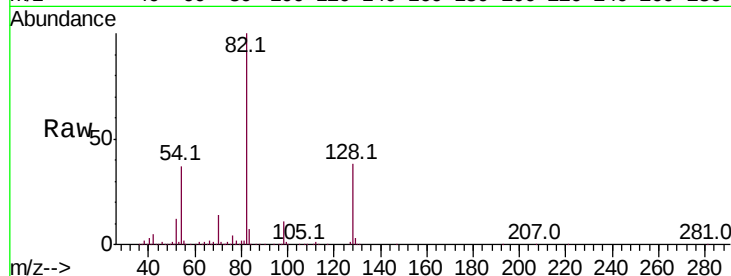


#23
 Nitrobenzene-d5
 Concen: 80.988 ng
 RT: 8.85 min Scan# 980
 Delta R.T. -0.04 min
 Lab File: BM019018.D
 Acq: 04 Mar 2019 20:17

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 82 Resp: 1974731

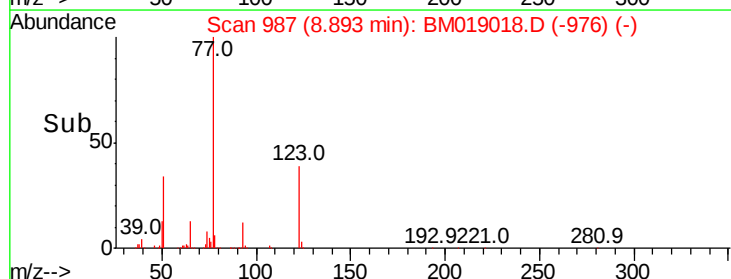
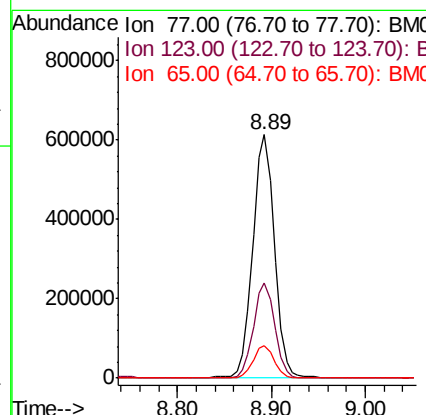
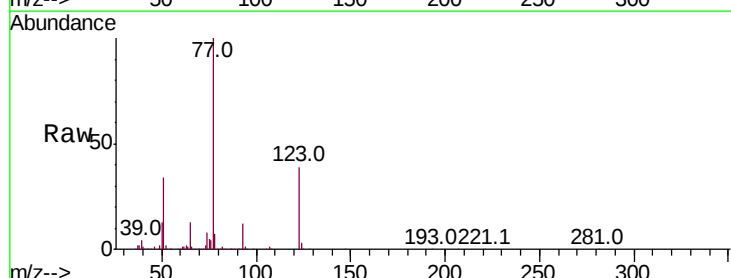
Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.9	44.9
54	37.0	29.1	43.7

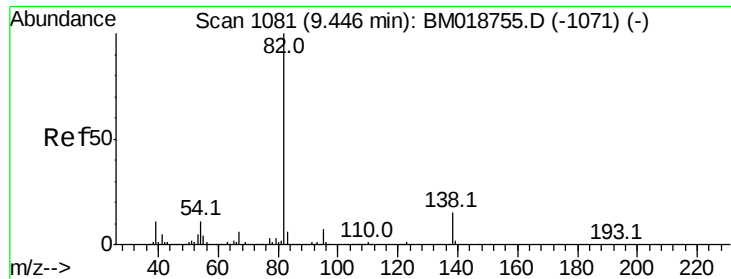


#24
 Nitrobenzene
 Concen: 38.780 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.04 min
 Lab File: BM019018.D
 Acq: 04 Mar 2019 20:17

Tgt Ion: 77 Resp: 981508

Ion	Ratio	Lower	Upper
77	100		
123	39.2	30.7	46.1
65	13.1	10.5	15.7

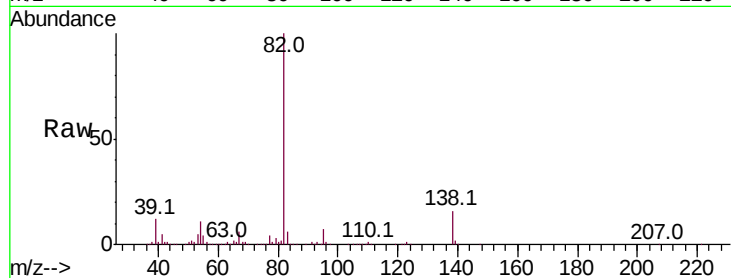




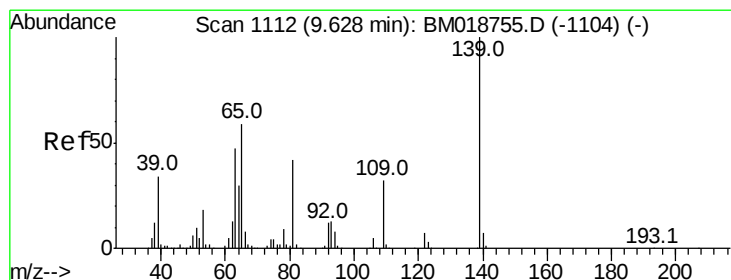
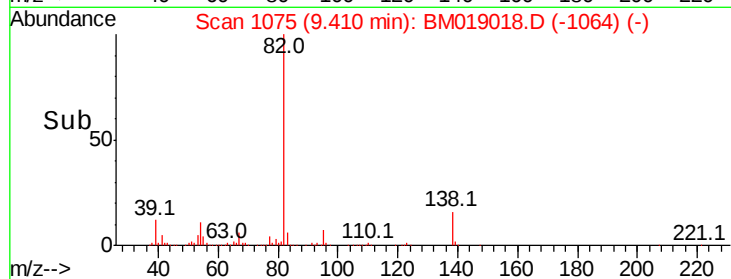
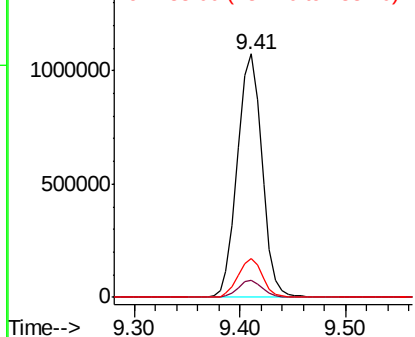
#25
Isophorone
Concen: 44.567 ng
RT: 9.41 min Scan# 1075
Delta R.T. -0.04 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Instrument :
BNA_M
ClientSampled :

Tot Ion: 82 Resp: 1733899
Ion Ratio Lower Upper
82 100
95 6.8 5.7 8.5
138 15.9 12.3 18.5

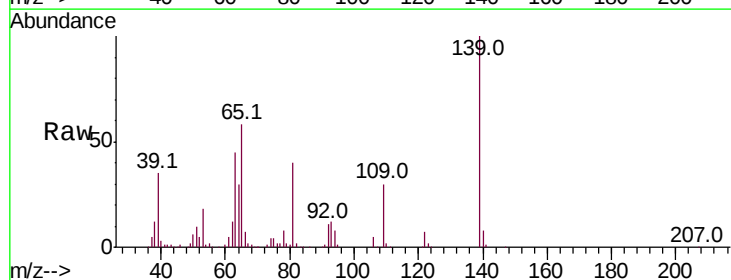


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-1071) (-)
Ion 95.00 (94.70 to 95.70): BM018755.D (-1071) (-)
Ion 138.00 (137.70 to 138.70): BM018755.D (-1071) (-)

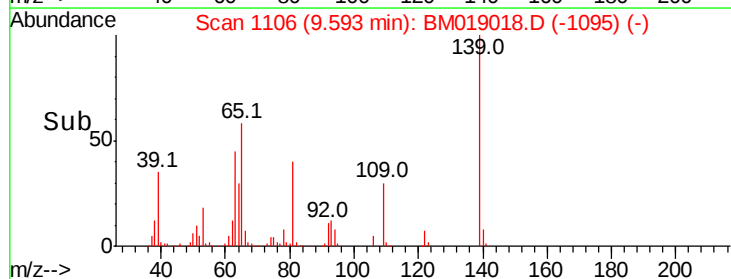
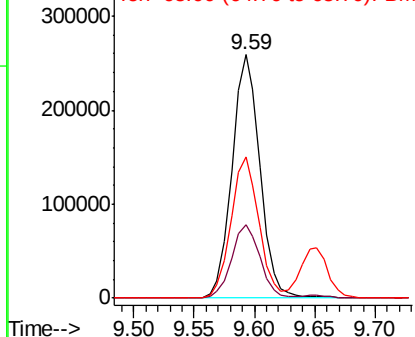


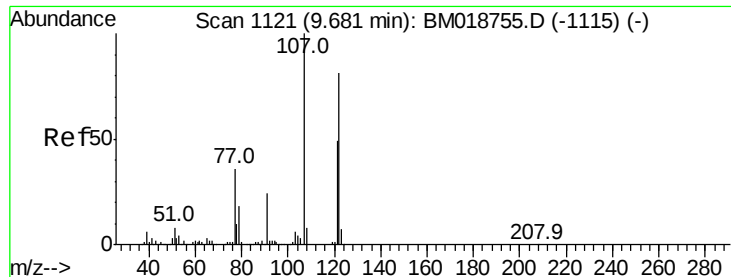
#26
2-Nitrophenol
Concen: 41.419 ng
RT: 9.59 min Scan# 1106
Delta R.T. -0.04 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion: 139 Resp: 417472
Ion Ratio Lower Upper
139 100
109 30.2 25.2 37.8
65 58.1 47.0 70.4



Abundance Ion 139.00 (138.70 to 139.70): BM018755.D (-1104) (-)
Ion 109.00 (108.70 to 109.70): BM018755.D (-1104) (-)
Ion 65.00 (64.70 to 65.70): BM018755.D (-1104) (-)

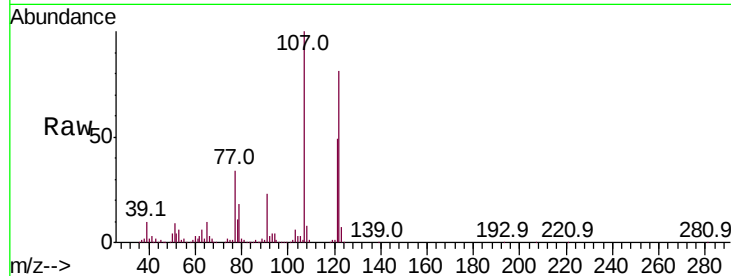




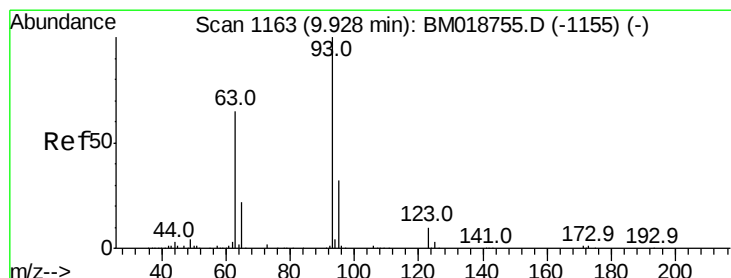
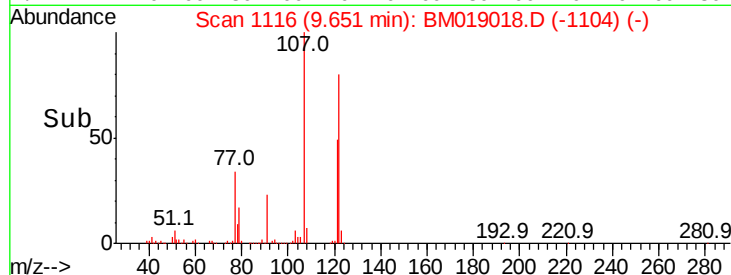
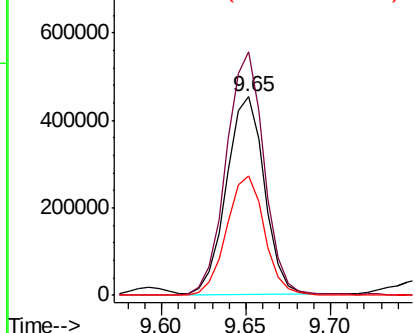
#27
2,4-Dimethylphenol
Concen: 48.122 ng
RT: 9.65 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:122 Resp: 708421
Ion Ratio Lower Upper
122 100
107 122.8 97.6 146.4
121 60.5 47.9 71.9

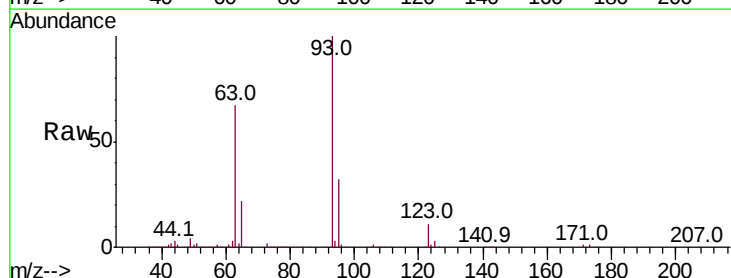


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

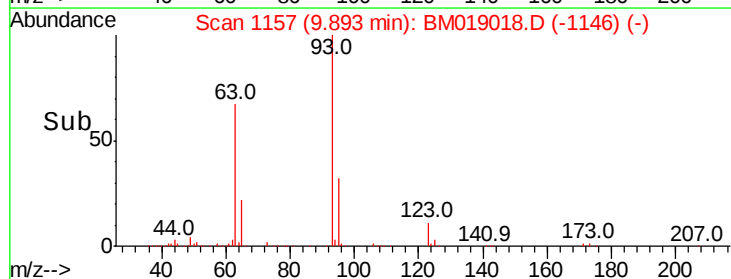
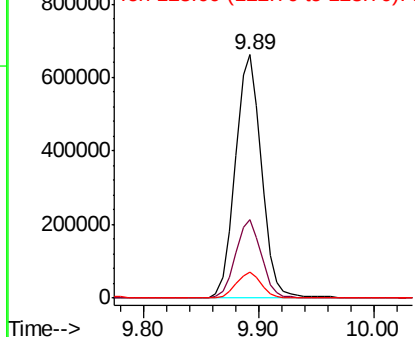


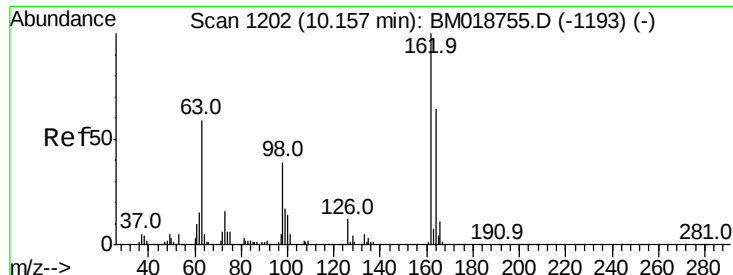
#28
bis(2-Chloroethoxy)methane
Concen: 41.138 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.04 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion: 93 Resp: 1034965
Ion Ratio Lower Upper
93 100
95 32.3 25.6 38.4
123 10.7 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

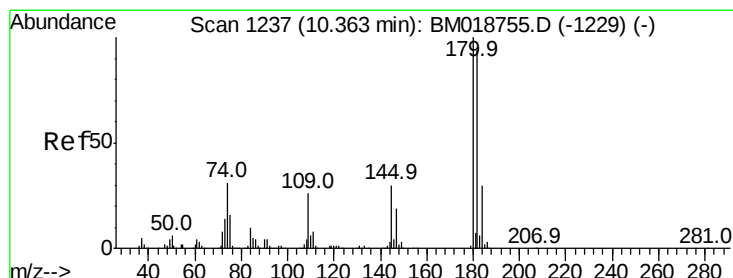
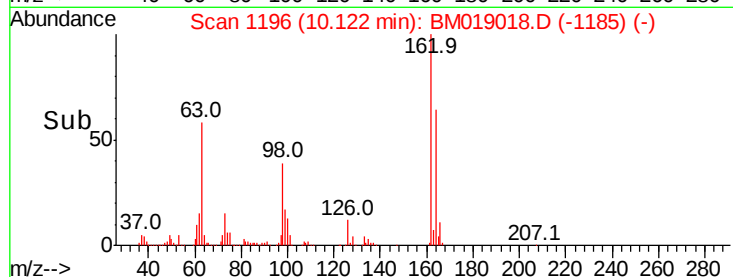
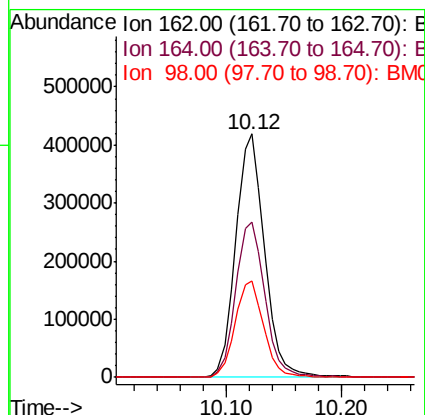
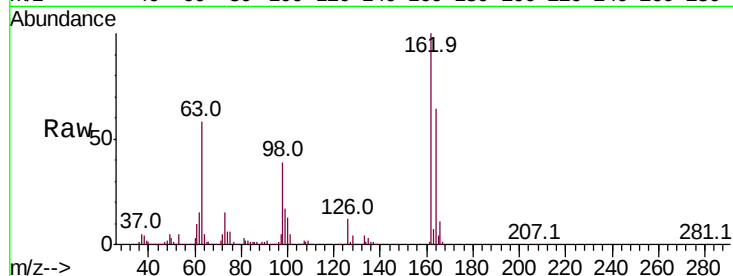




#29
2,4-Dichlorophenol
Concen: 42.900 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.04 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

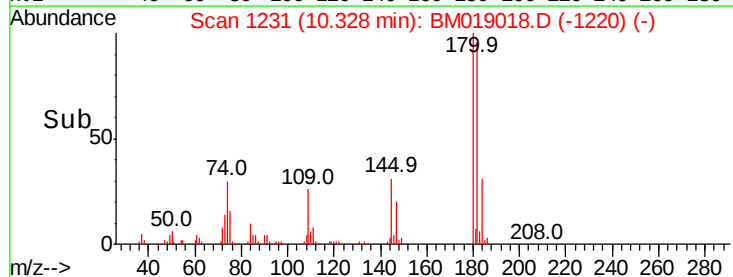
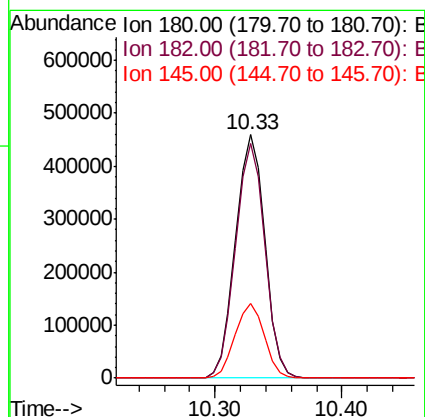
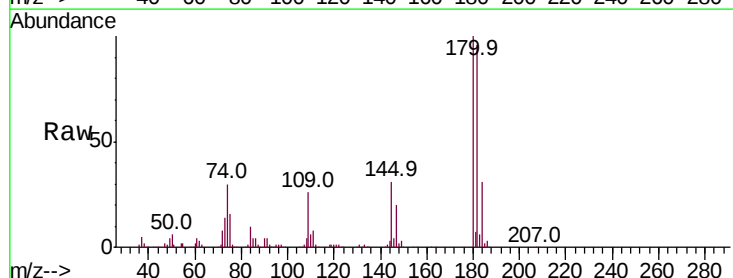
Instrument :
BNA_M
ClientSampleId :

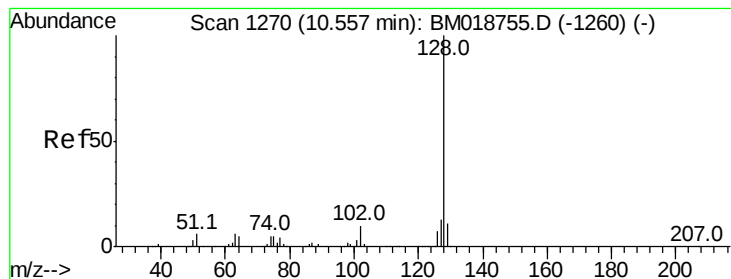
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.1	84.1
98	39.3	19.4	59.4



#30
1,2,4-Trichlorobenzene
Concen: 37.849 ng
RT: 10.33 min Scan# 1231
Delta R.T. -0.04 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.0	112.6
145	30.6	24.1	36.1

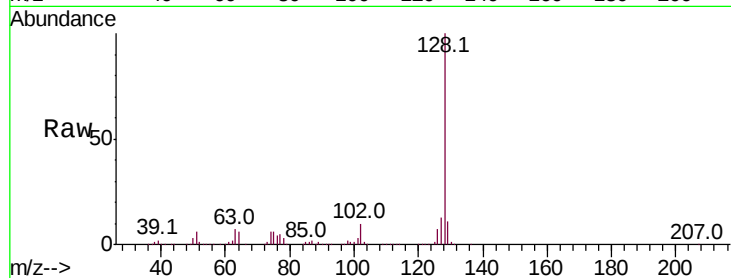




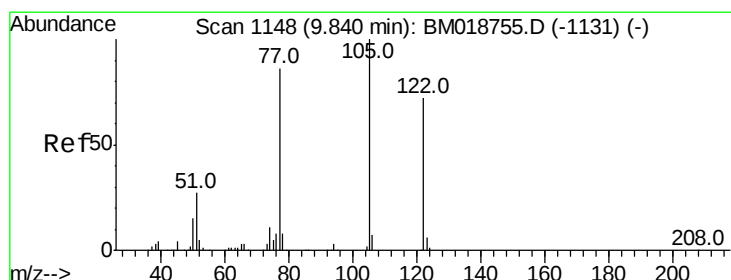
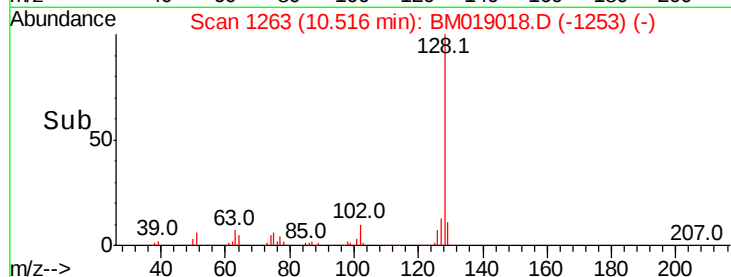
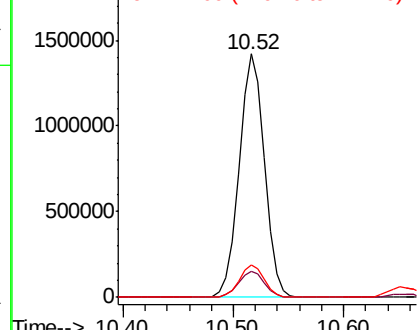
#31
Naphthalene
Concen: 41.472 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.04 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:128 Resp: 2280382
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.4
127 13.2 10.7 16.1

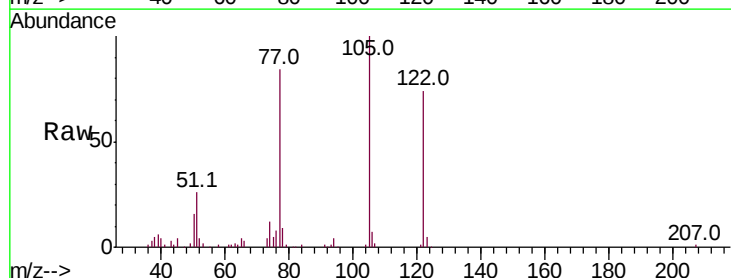


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

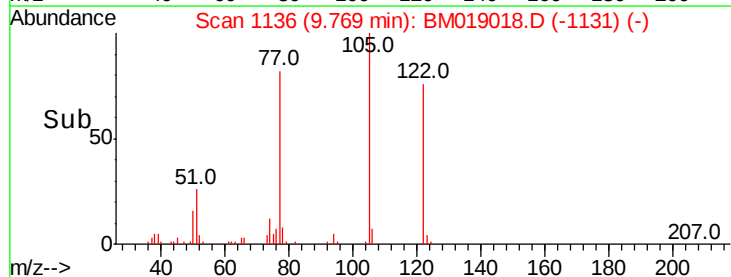
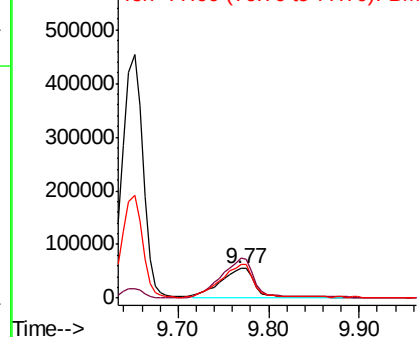


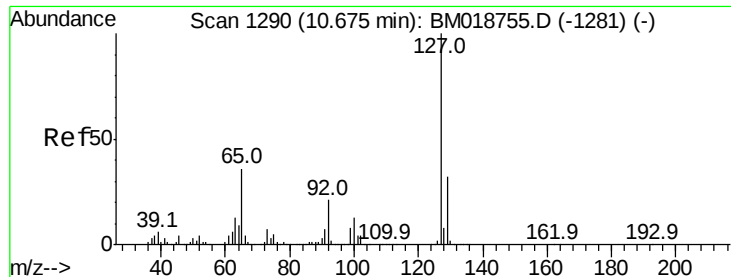
#32
Benzoic acid
Concen: 10.871 ng
RT: 9.77 min Scan# 1136
Delta R.T. -0.07 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion:122 Resp: 139603
Ion Ratio Lower Upper
122 100
105 134.9 117.5 157.5
77 113.1 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

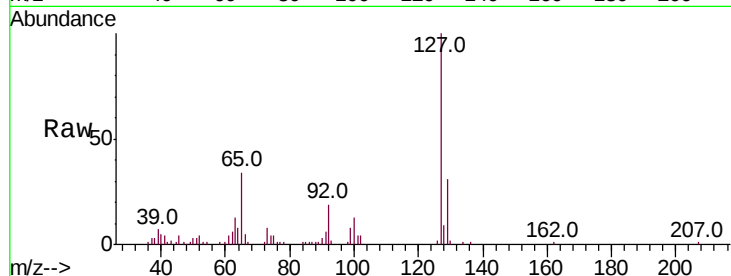




#33
4-Chloroaniline
Concen: 4.995 ng
RT: 10.65 min Scan# 1286
Delta R.T. -0.02 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	122771
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.7	38.5
65	34.3	28.7	43.1
92	19.5	17.0	25.4



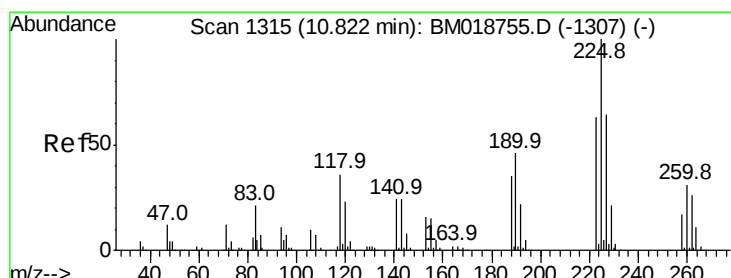
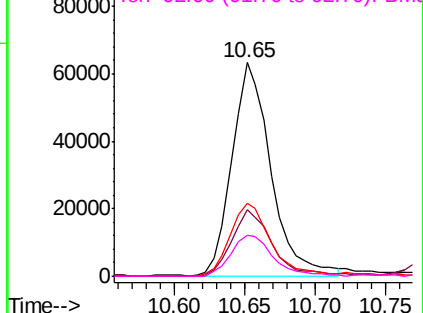
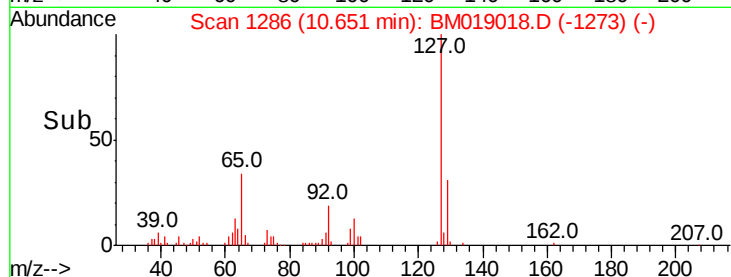
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

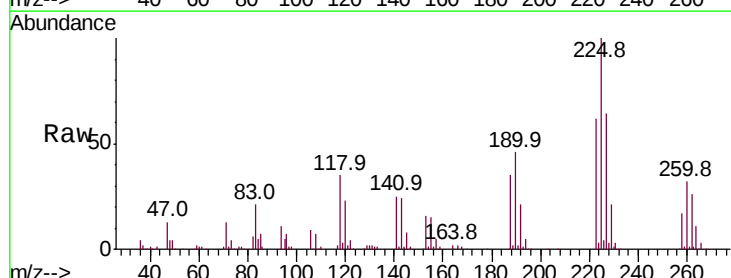
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 34.964 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion:	225	Resp:	396174
Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.1	75.1
227	64.3	51.4	77.0

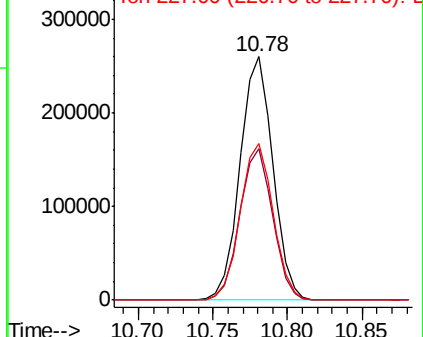
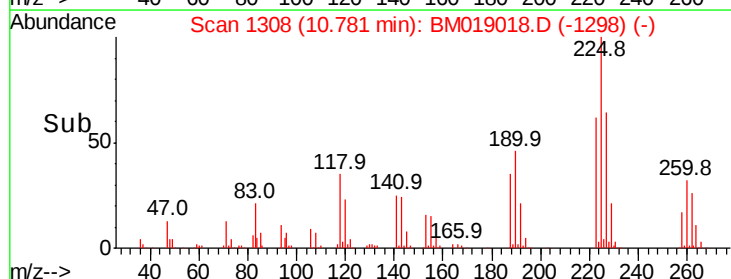


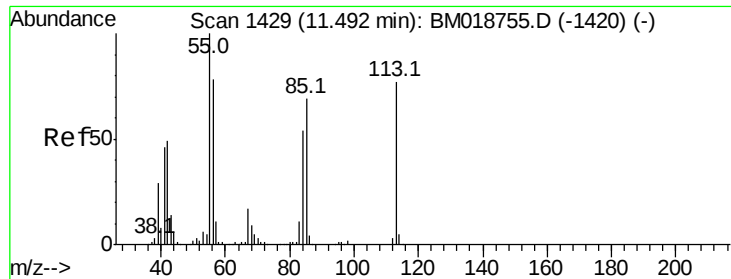
Abundance

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

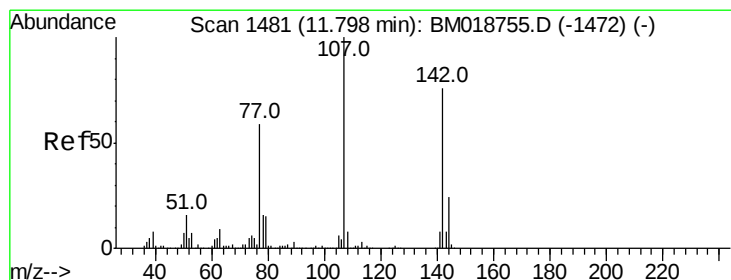
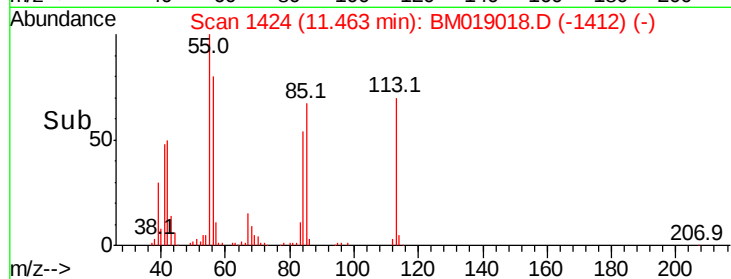
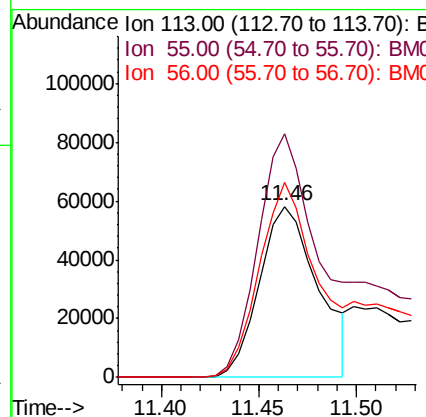
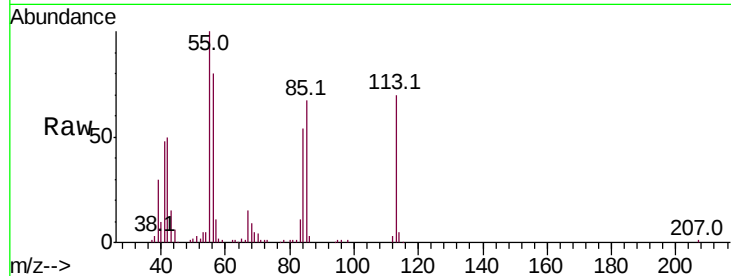




#35
 Caprolactam
 Concen: 17.576 ng
 RT: 11.46 min Scan# 1424
 Delta R.T. -0.03 min
 Lab File: BM019018.D
 Acq: 04 Mar 2019 20:17

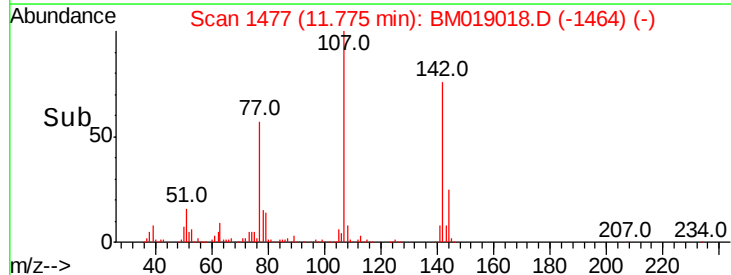
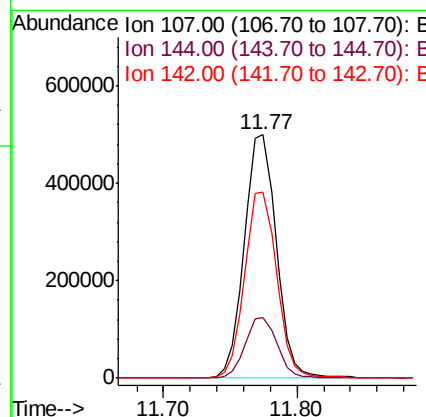
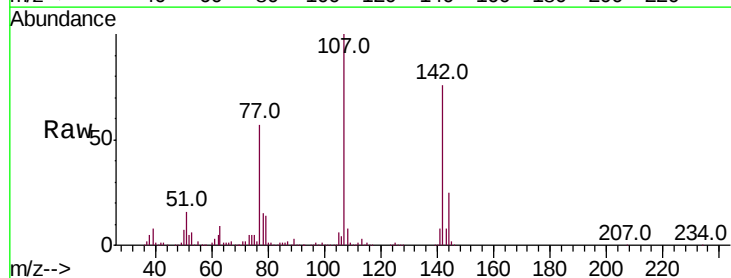
Instrument :
 BNA_M
 ClientSampleId :

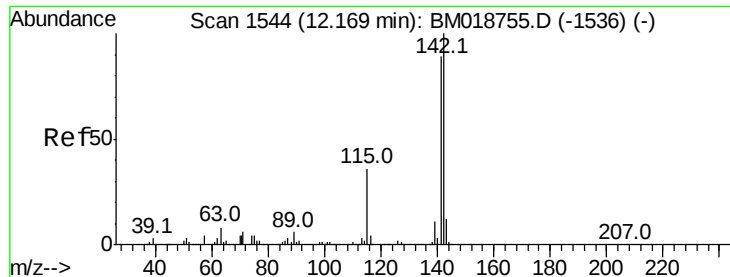
Tot Ion:113 Resp: 121251
 Ion Ratio Lower Upper
 113 100
 55 142.3 110.7 150.7
 56 113.6 82.4 122.4



#36
 4-Chloro-3-methylphenol
 Concen: 40.744 ng
 RT: 11.77 min Scan# 1477
 Delta R.T. -0.02 min
 Lab File: BM019018.D
 Acq: 04 Mar 2019 20:17

Tgt Ion:107 Resp: 830371
 Ion Ratio Lower Upper
 107 100
 144 24.8 19.3 28.9
 142 76.2 60.5 90.7





#37

2-Methylnaphthalene

Concen: 43.301 ng

RT: 12.13 min Scan# 1538

Delta R.T. -0.04 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Instrument :

BNA_M

ClientSampled :

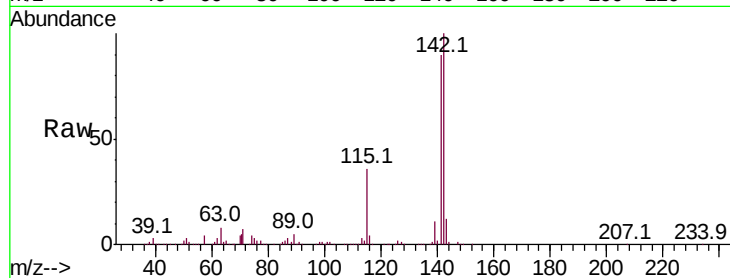
Tot Ion:142 Resp: 1676334

Ion Ratio Lower Upper

142 100

141 89.5 71.2 106.8

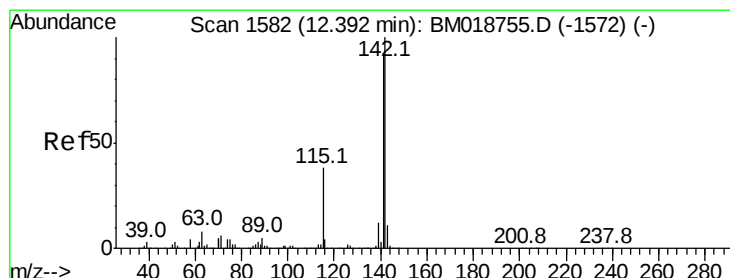
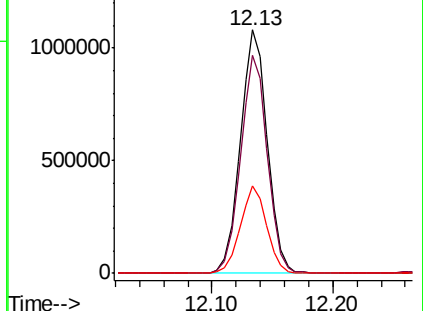
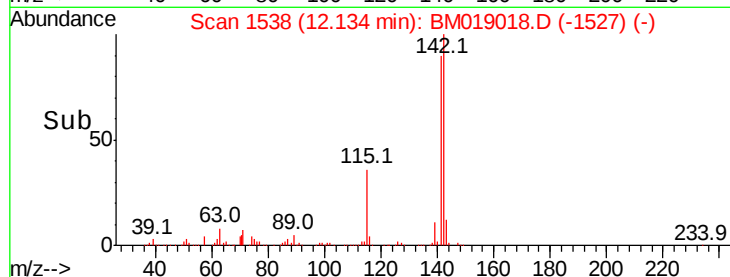
115 36.1 29.1 43.7



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.937 ng

RT: 12.36 min Scan# 1576

Delta R.T. -0.04 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

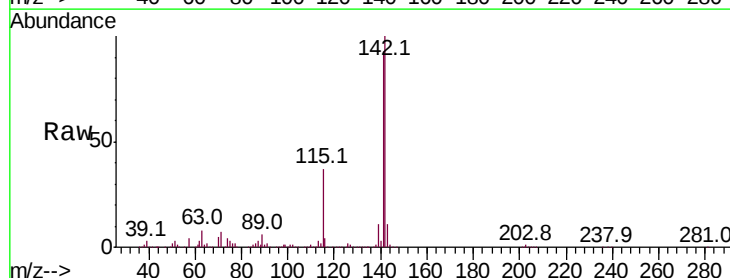
Tgt Ion:142 Resp: 1587590

Ion Ratio Lower Upper

142 100

141 92.9 73.9 110.9

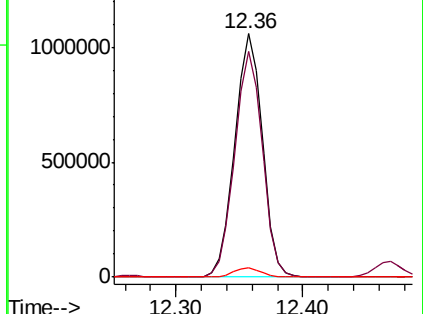
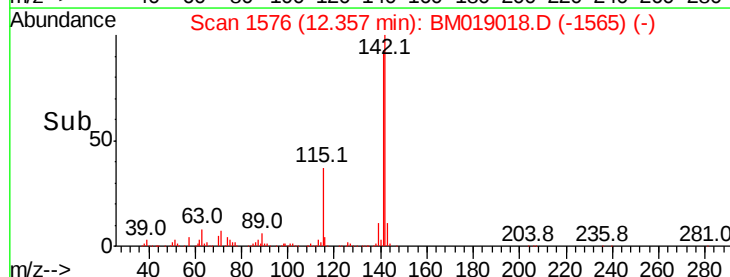
116 3.7 3.0 4.4

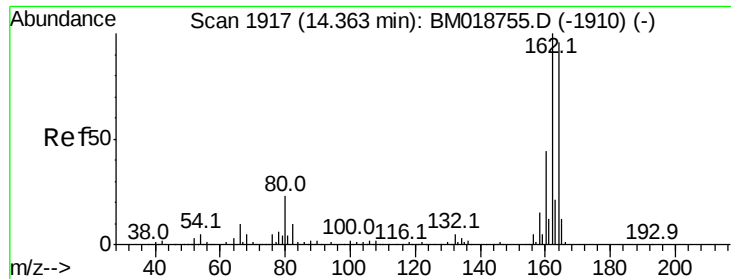


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

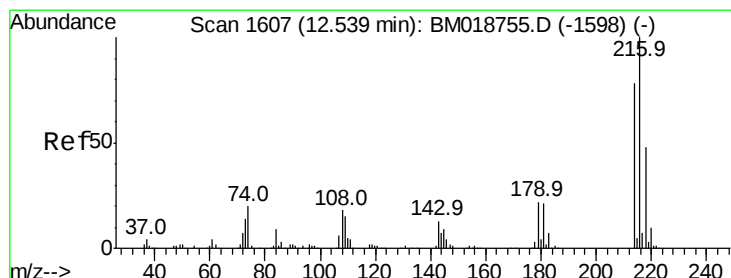
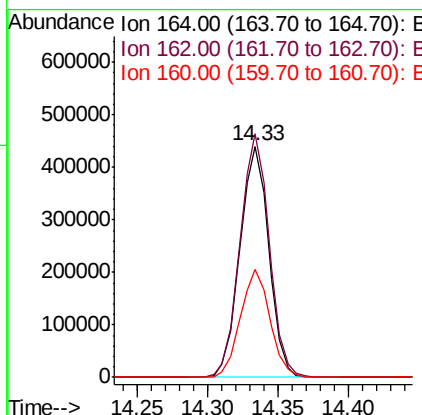
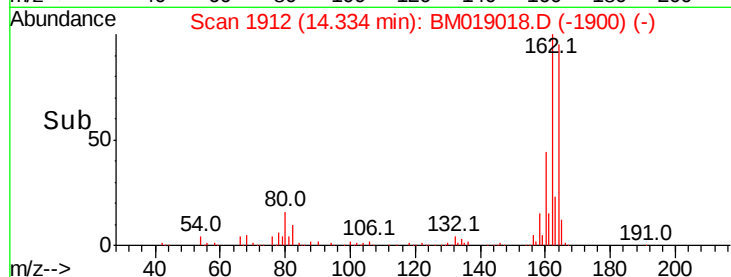
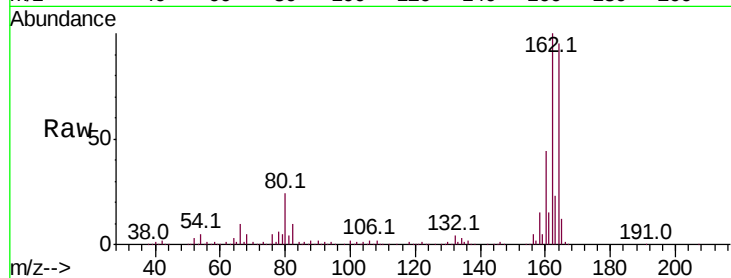




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.33 min Scan# 1912
 Delta R.T. -0.03 min
 Lab File: BM019018.D
 Acq: 04 Mar 2019 20:17

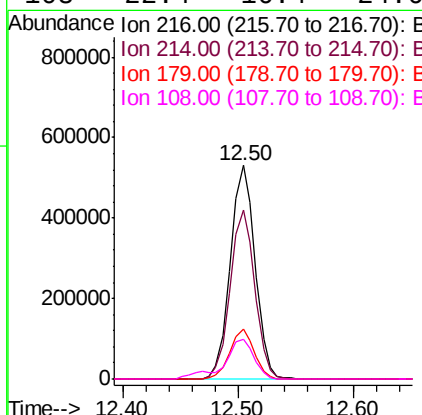
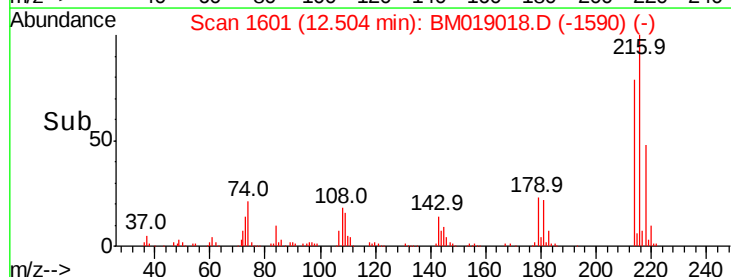
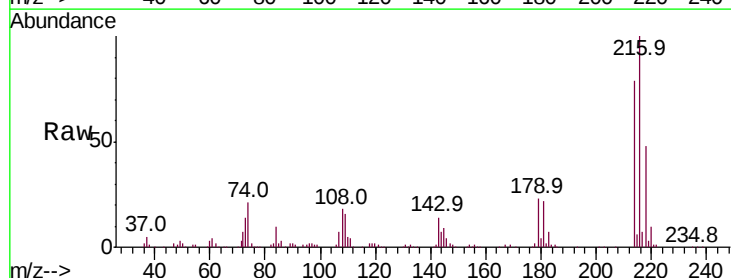
Instrument :
 BNA_M
 ClientSampleId :

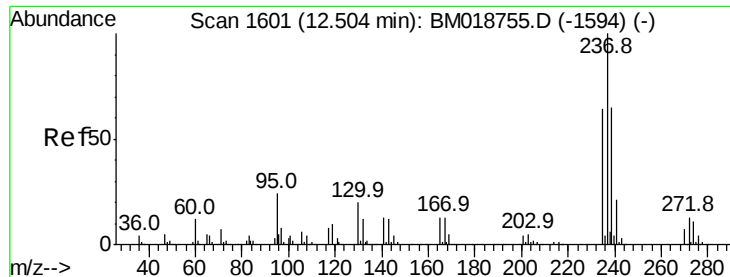
Tot Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.4	125.0
160	46.6	36.6	55.0



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.033 ng
 RT: 12.50 min Scan# 1601
 Delta R.T. -0.04 min
 Lab File: BM019018.D
 Acq: 04 Mar 2019 20:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.6	63.2	94.8
179	22.8	17.8	26.8
108	22.4	16.4	24.6





#41

Hexachlorocyclopentadiene

Concen: 79.370 ng

RT: 12.47 min Scan# 1595

Delta R.T. -0.04 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Instrument :

BNA_M

ClientSampleId :

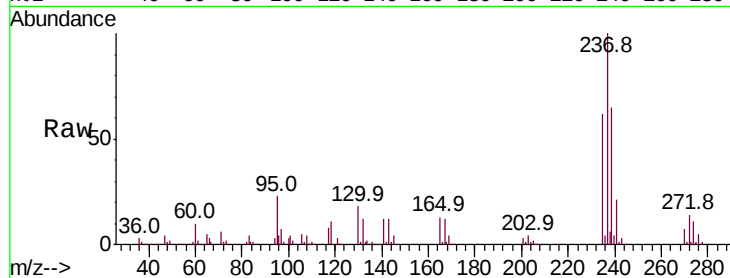
Tot Ion:237 Resp: 818648

Ion Ratio Lower Upper

237 100

235 61.8 43.7 83.7

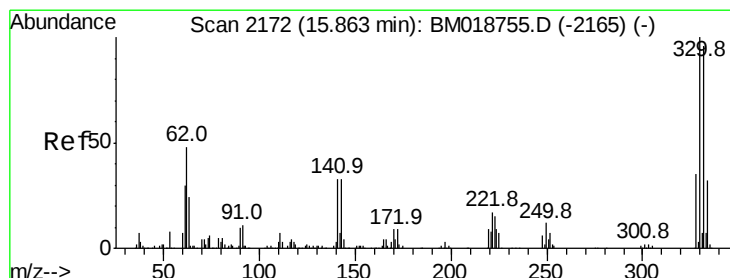
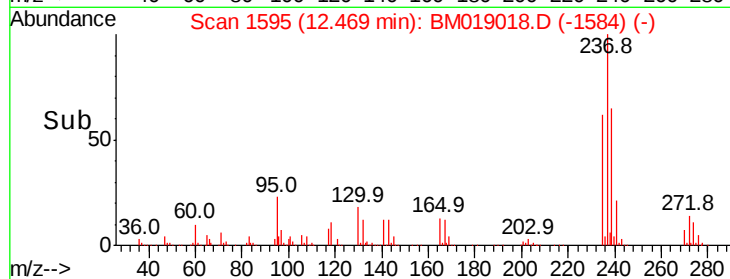
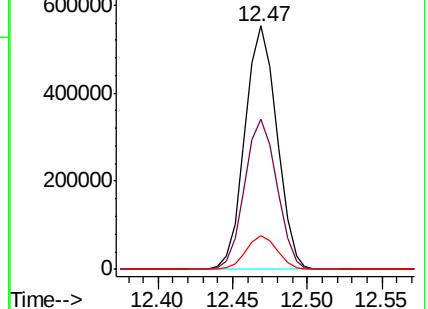
272 13.7 0.0 33.3



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: 129.661 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

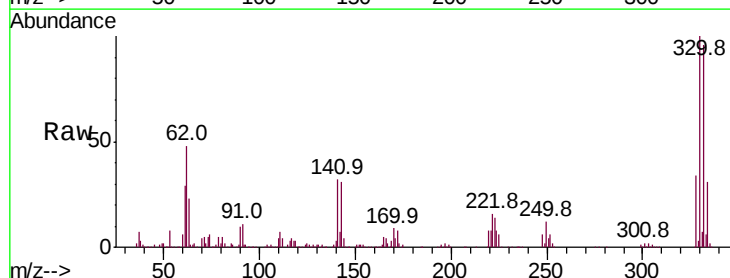
Tgt Ion:330 Resp: 1178695

Ion Ratio Lower Upper

330 100

332 96.2 76.9 115.3

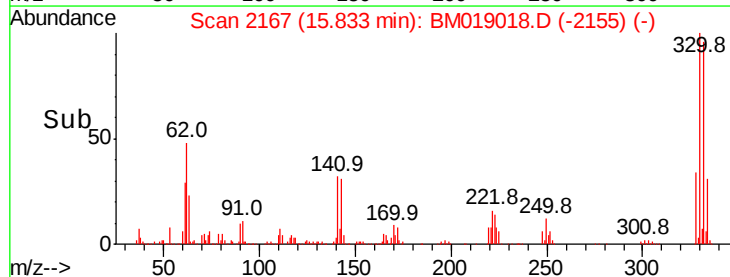
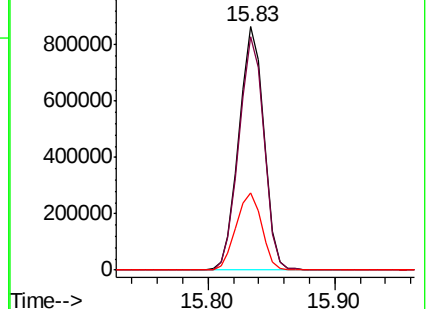
141 32.8 28.7 43.1

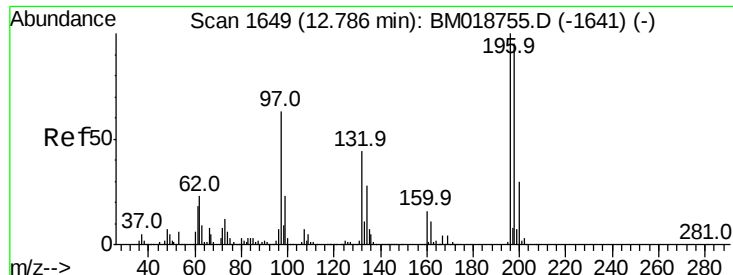


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

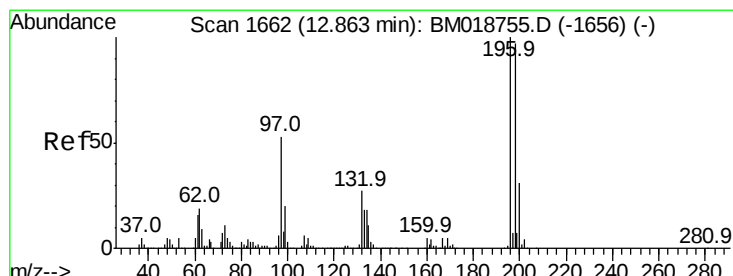
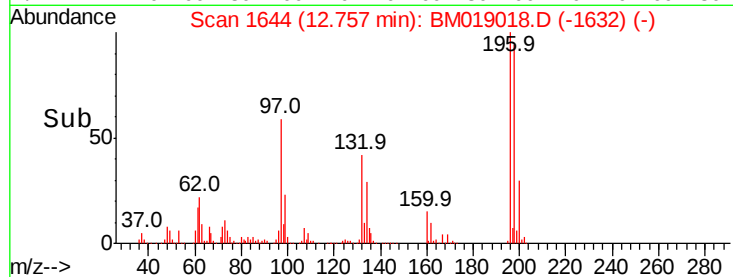
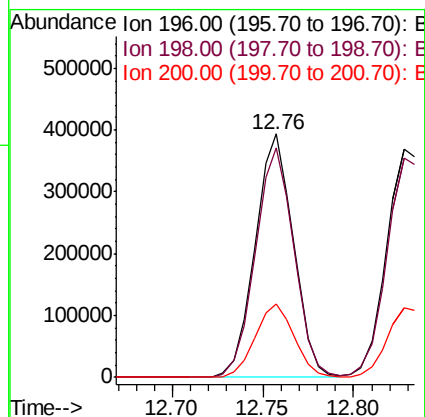
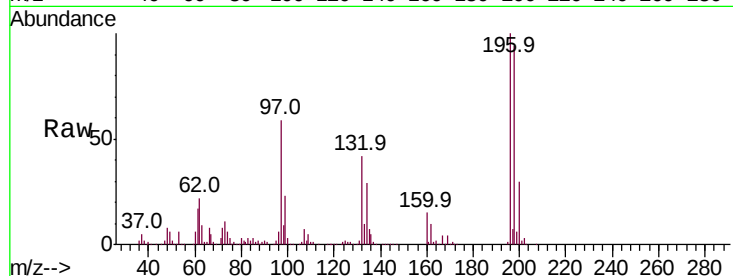




#43
 2,4,6-Trichlorophenol
 Concen: 43.160 ng
 RT: 12.76 min Scan# 1644
 Delta R.T. -0.03 min
 Lab File: BM019018.D
 Acq: 04 Mar 2019 20:17

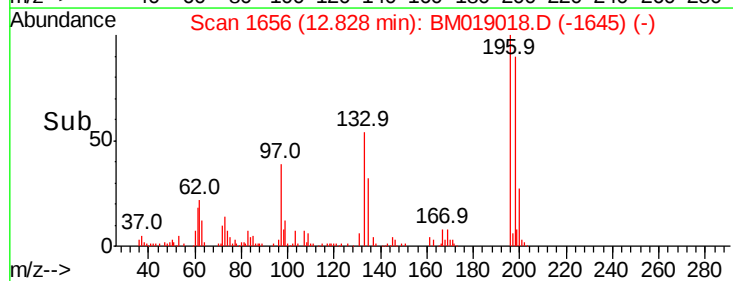
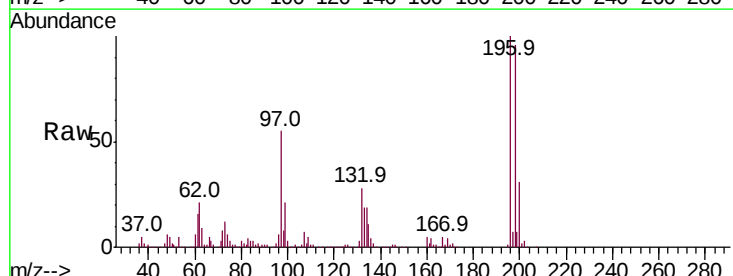
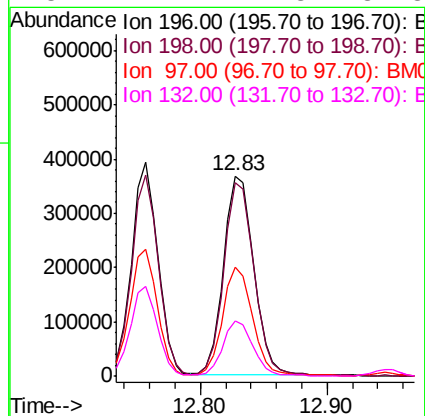
Instrument :
 BNA_M
 ClientSampleId :

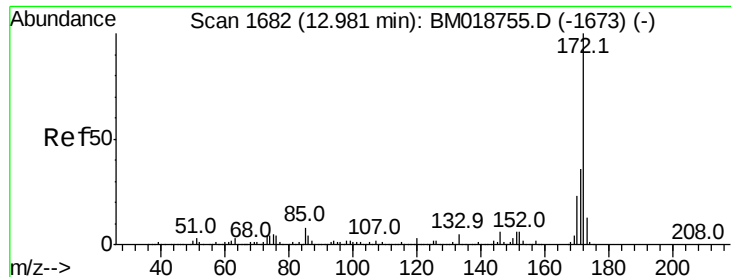
Tot Ion	Ratio	Lower	Upper
196	100		
198	94.2	76.2	114.2
200	30.1	24.2	36.2



#44
 2,4,5-Trichlorophenol
 Concen: 43.364 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.04 min
 Lab File: BM019018.D
 Acq: 04 Mar 2019 20:17

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.3	77.6	116.4
97	54.6	42.8	64.2
132	27.7	21.8	32.8

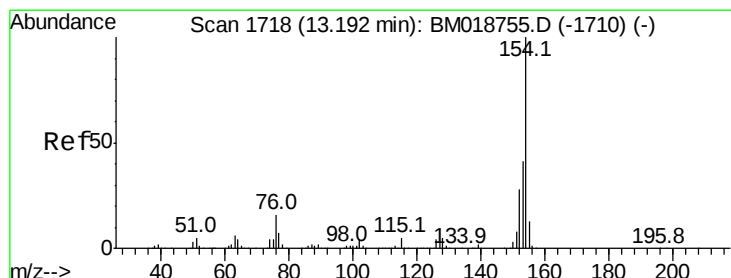
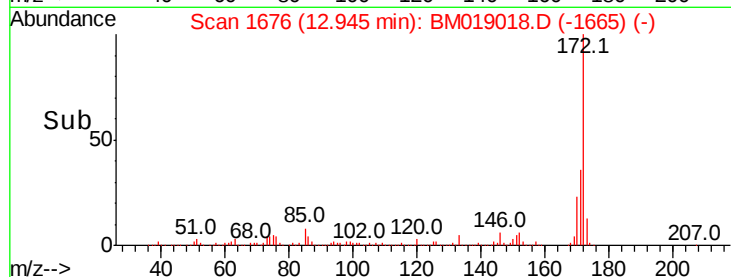
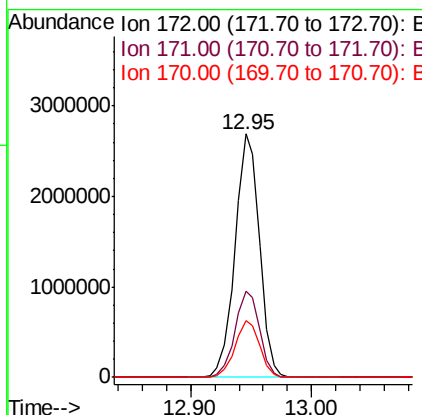
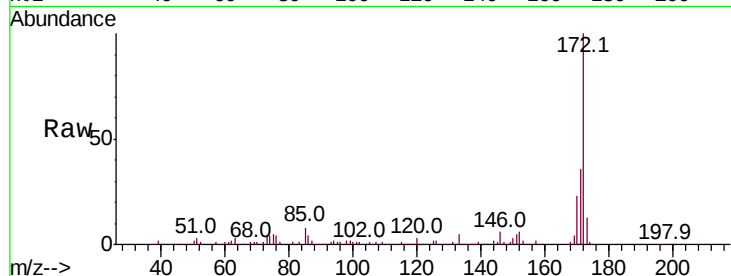




#45
2-Fluorobiphenyl
Concen: 79.683 ng
RT: 12.95 min Scan# 1676
Delta R.T. -0.04 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

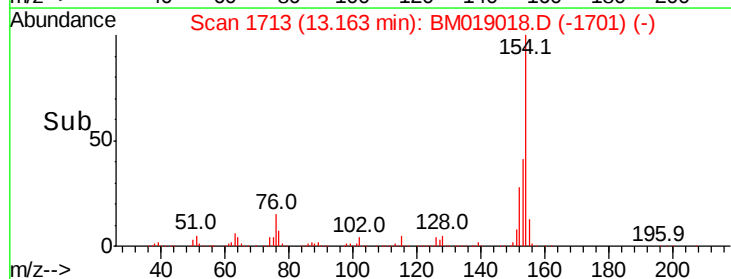
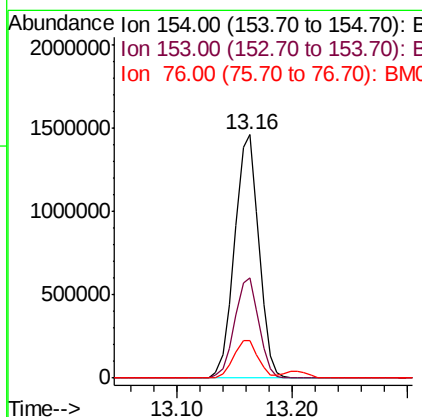
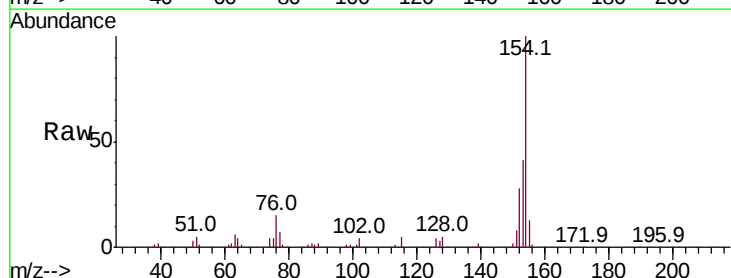
Instrument :
BNA_M
ClientSampleId :

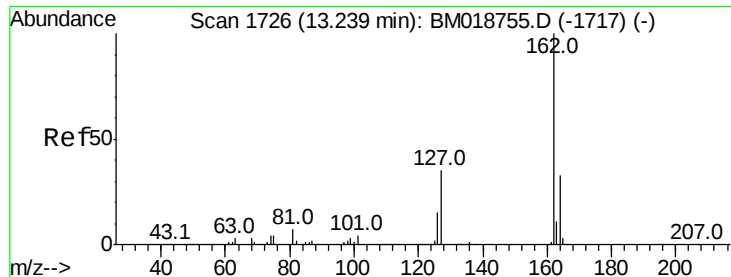
Tot Ion:172 Resp: 3785516
Ion Ratio Lower Upper
172 100
171 35.6 29.0 43.6
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 39.139 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion:154 Resp: 2124654
Ion Ratio Lower Upper
154 100
153 41.0 21.1 61.1
76 15.2 0.0 35.7





#47

2-Chloronaphthalene

Concen: 39.429 ng

RT: 13.20 min Scan# 1720

Delta R.T. -0.04 min

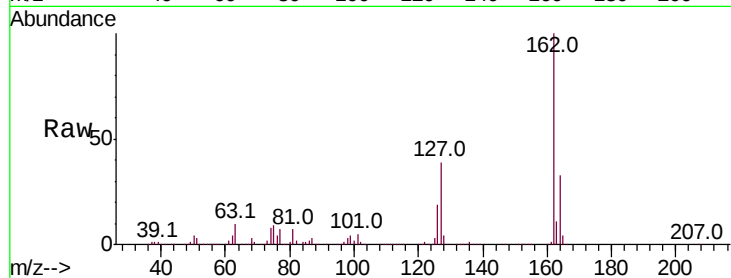
Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Instrument :
BNA_M
ClientSampled :

Tot Ion:162 Resp: 1653213

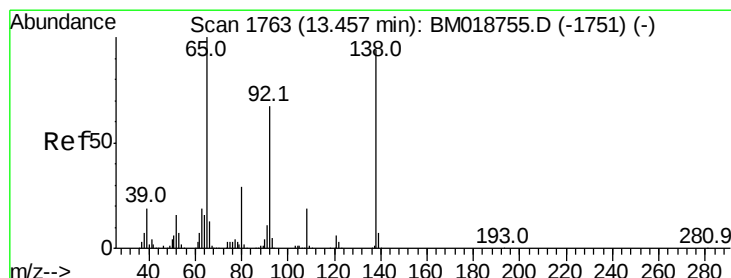
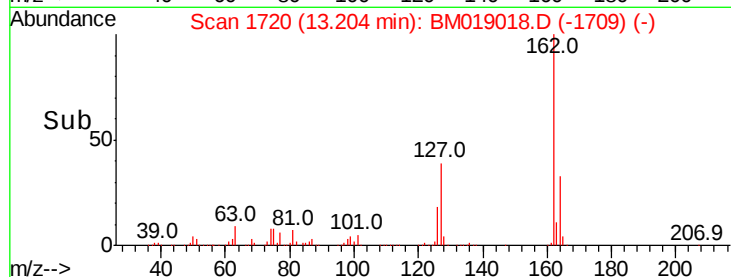
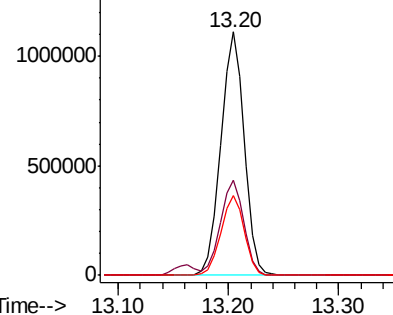
Ion	Ratio	Lower	Upper
162	100		
127	39.2	31.1	46.7
164	33.0	26.4	39.6



Abundance Ion 162.00 (161.70 to 162.70): E

1500000 Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.392 ng

RT: 13.43 min Scan# 1758

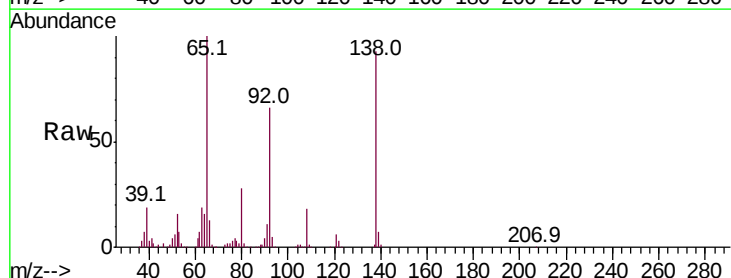
Delta R.T. -0.03 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Tgt Ion: 65 Resp: 562470

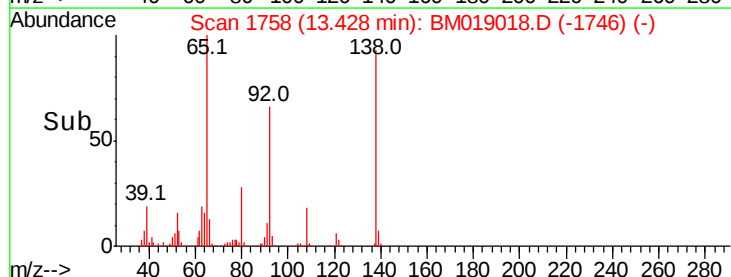
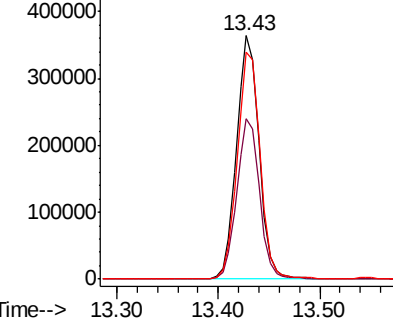
Ion	Ratio	Lower	Upper
65	100		
92	66.1	54.0	81.0
138	93.0	74.9	112.3

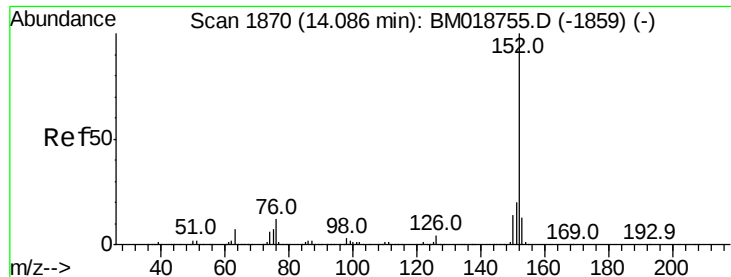


Abundance Ion 65.00 (64.70 to 65.70): BM0

500000 Ion 92.00 (91.70 to 92.70): BM0

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 42.711 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.03 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Instrument :

BNA_M

ClientSampled :

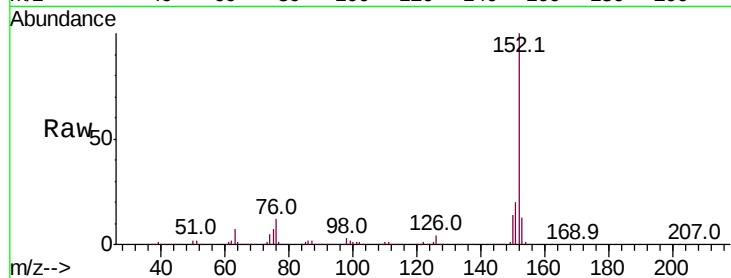
Tot Ion:152 Resp: 2666578

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.8

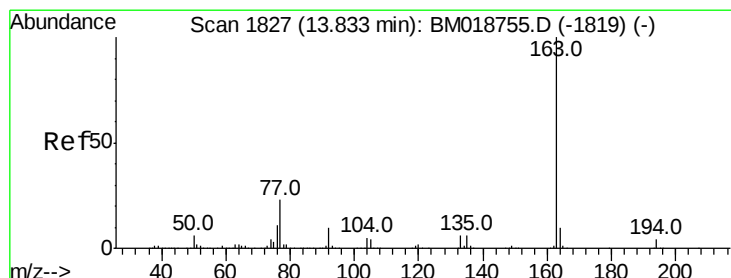
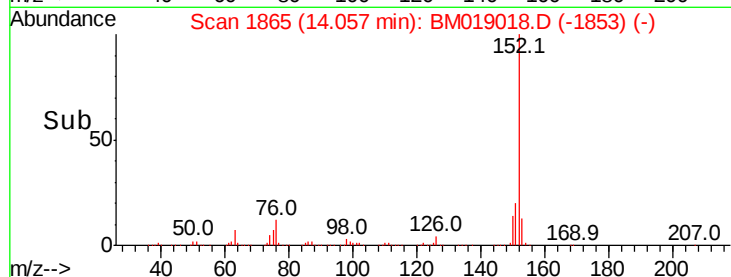
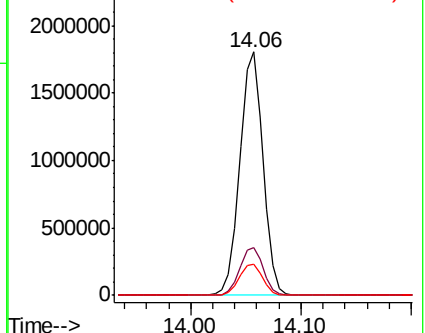
153 12.9 10.5 15.7



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: 44.859 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

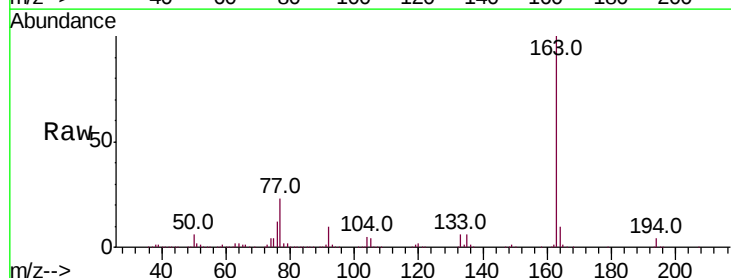
Tgt Ion:163 Resp: 2357669

Ion Ratio Lower Upper

163 100

194 4.0 3.2 4.8

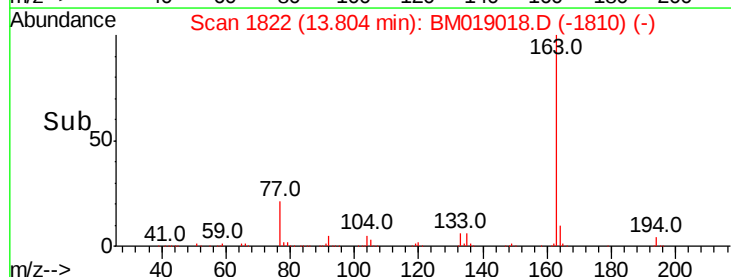
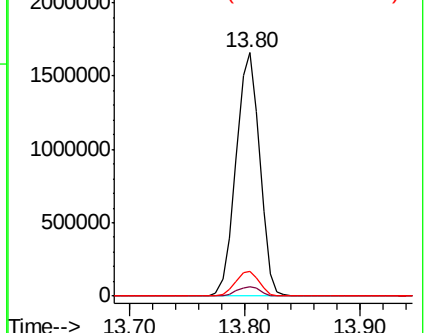
164 10.0 7.8 11.8

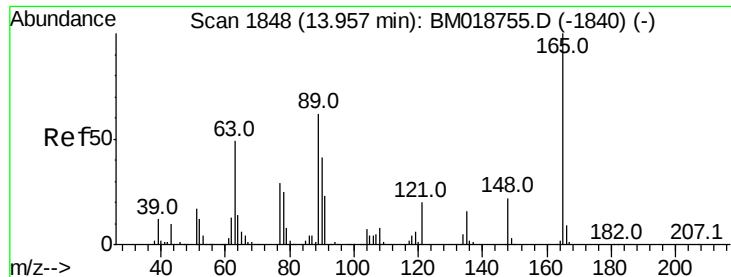


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

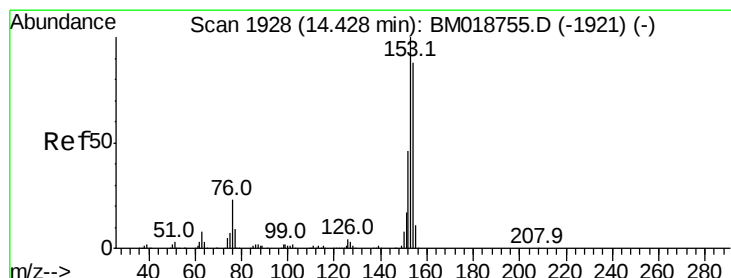
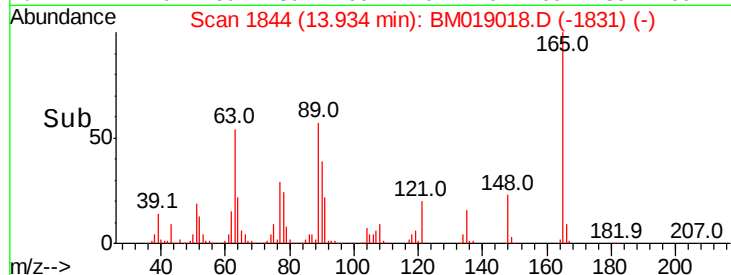
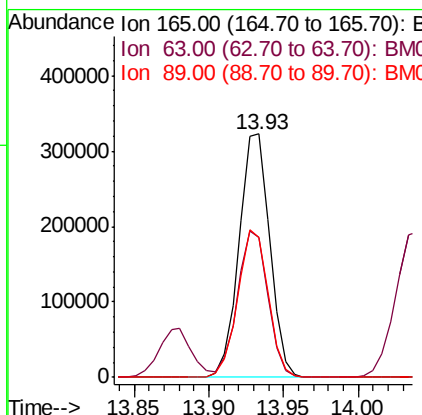
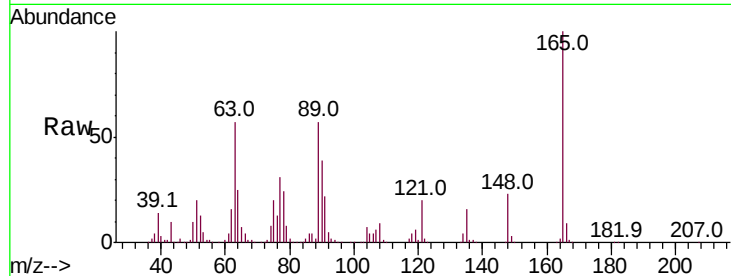




#51
2,6-Dinitrotoluene
Concen: 40.474 ng
RT: 13.93 min Scan# 1844
Delta R.T. -0.02 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

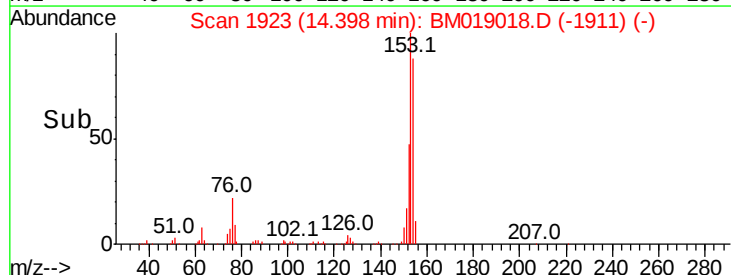
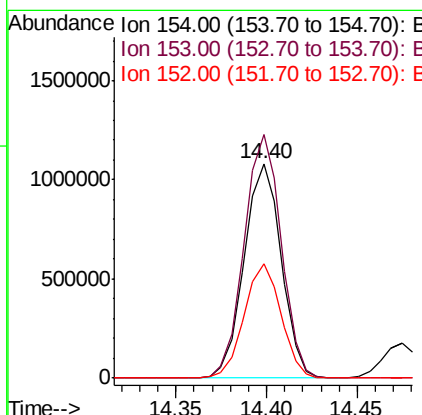
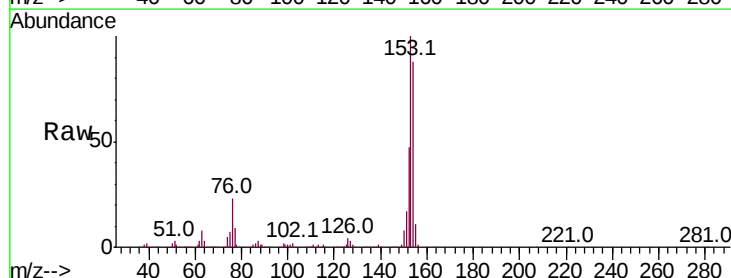
Instrument :
BNA_M
ClientSampled :

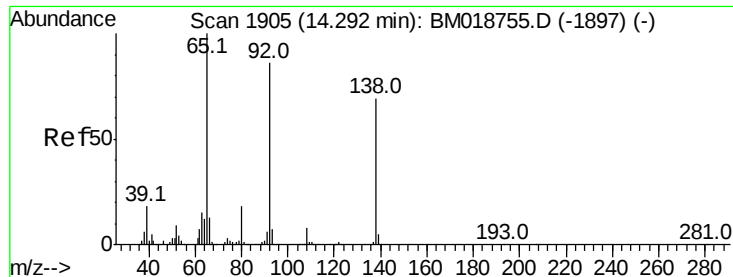
Tot Ion:165 Resp: 460805
Ion Ratio Lower Upper
165 100
63 57.3 48.9 73.3
89 57.4 49.4 74.0



#52
Acenaphthene
Concen: 40.262 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.03 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion:154 Resp: 1541316
Ion Ratio Lower Upper
154 100
153 113.4 91.3 136.9
152 53.3 42.2 63.4

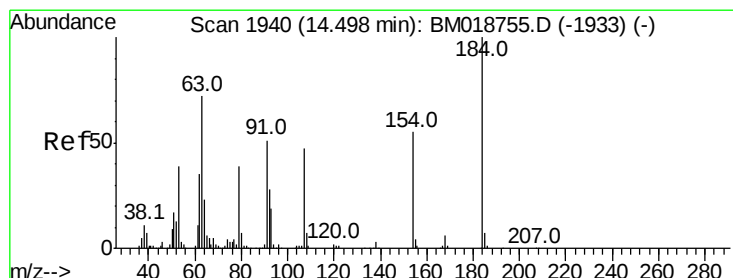
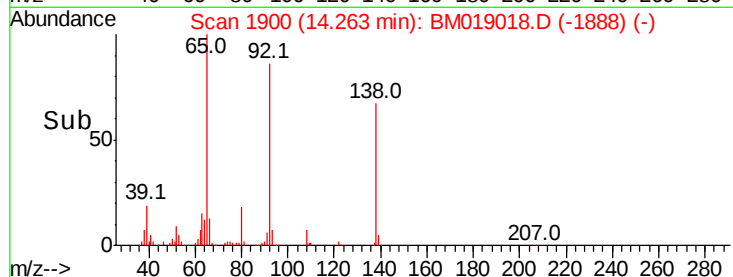
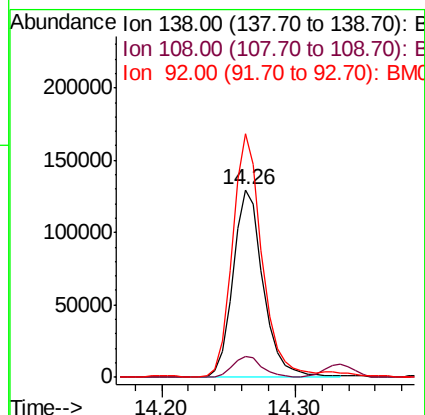
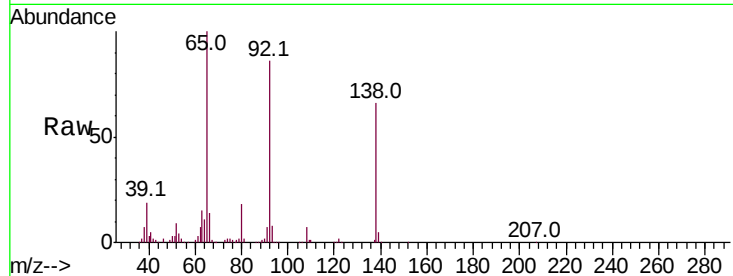




#53
3-Nitroaniline
Concen: 15.885 ng
RT: 14.26 min Scan# 1900
Delta R.T. -0.03 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

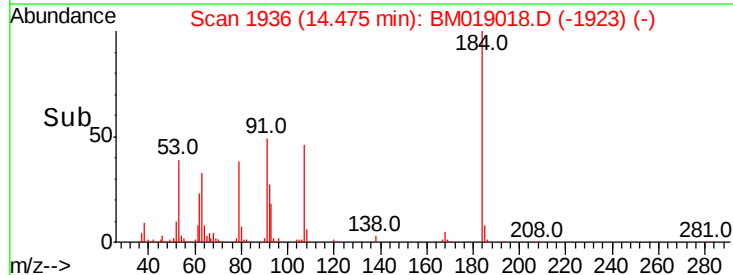
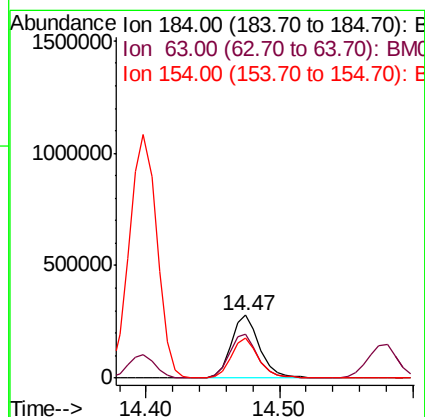
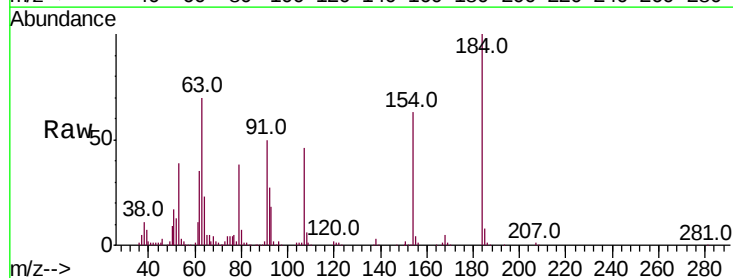
Instrument :
BNA_M
ClientSampleId :

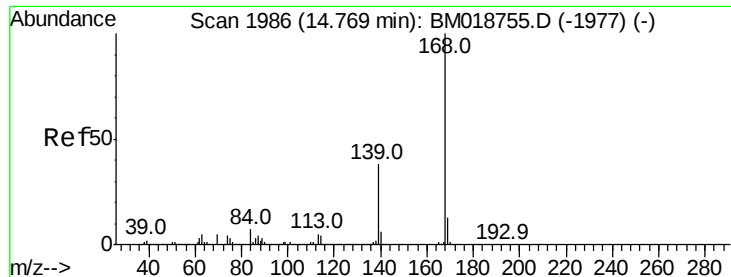
Tot Ion:138 Resp: 204341
Ion Ratio Lower Upper
138 100
108 11.1 9.1 13.7
92 129.6 99.7 149.5



#54
2,4-Dinitrophenol
Concen: 59.246 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion:184 Resp: 416366
Ion Ratio Lower Upper
184 100
63 69.6 58.0 87.0
154 63.2 50.3 75.5

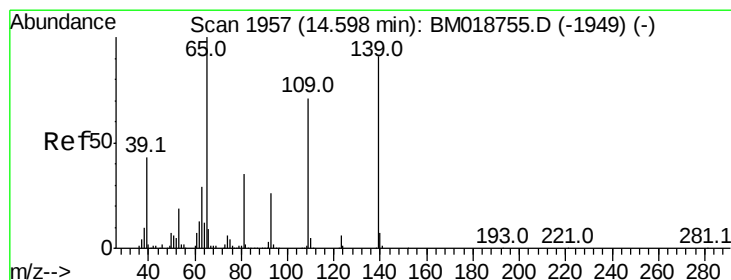
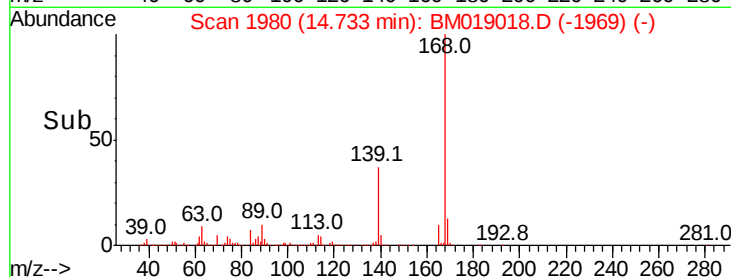
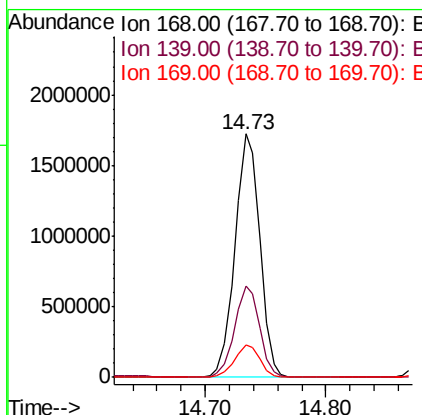
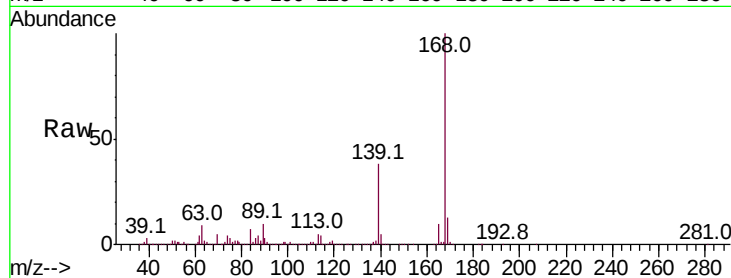




#55
Dibenzofuran
Concen: 39.339 ng
RT: 14.73 min Scan# 1980
Delta R.T. -0.04 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

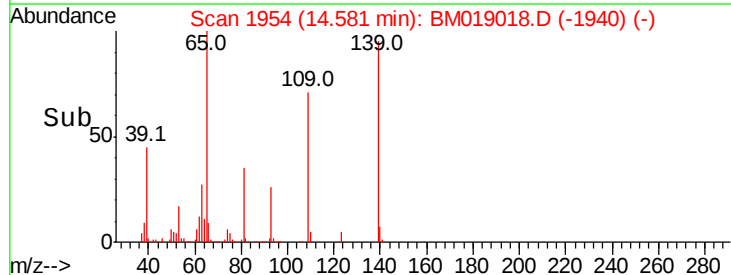
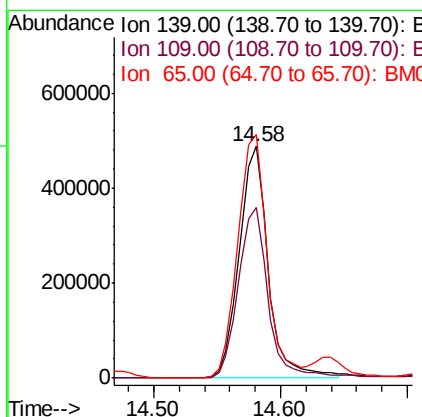
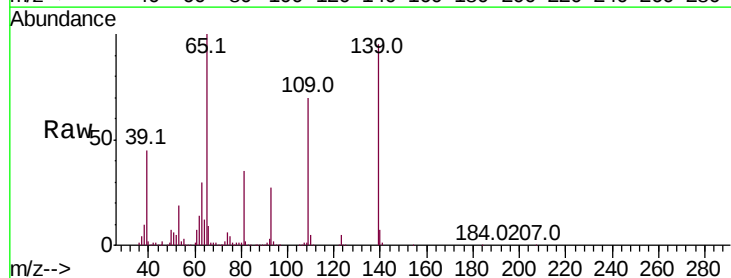
Instrument :
BNA_M
ClientSampled :

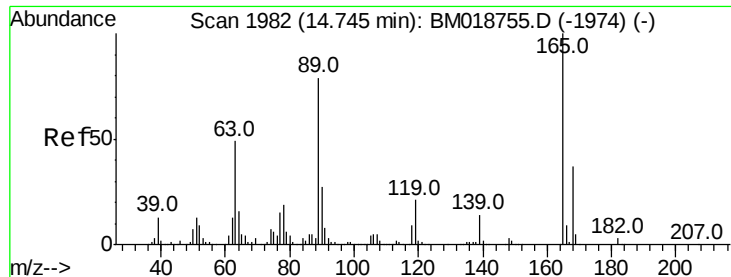
Tot Ion:168 Resp: 2475309
Ion Ratio Lower Upper
168 100
139 37.6 30.7 46.1
169 13.2 10.3 15.5



#56
4-Nitrophenol
Concen: 75.458 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion:139 Resp: 774888
Ion Ratio Lower Upper
139 100
109 73.9 58.4 98.4
65 105.1 89.8 129.8

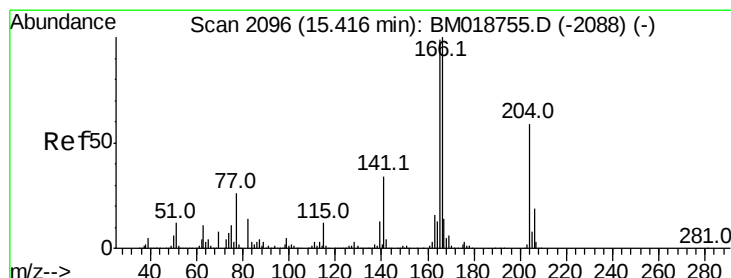
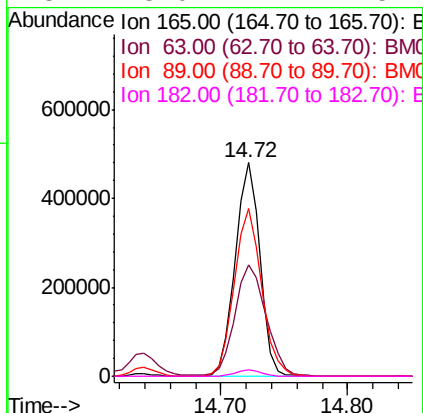
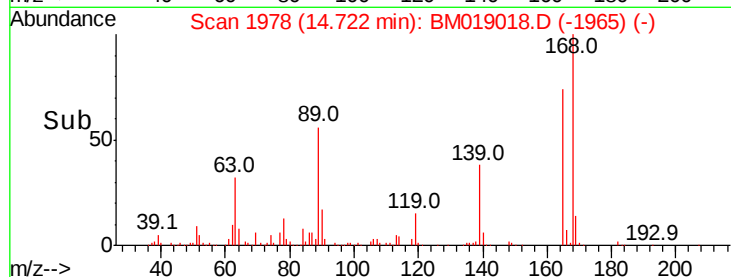
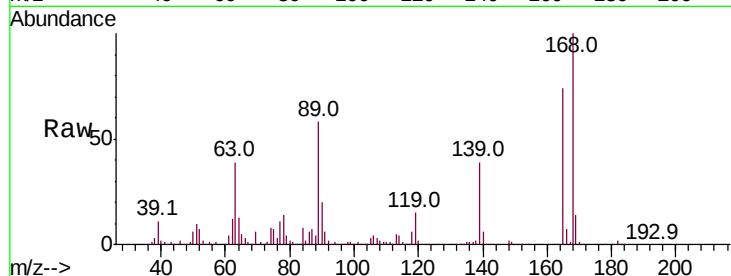




#57
2,4-Dinitrotoluene
Concen: 41.144 ng
RT: 14.72 min Scan# 1978
Delta R.T. -0.02 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

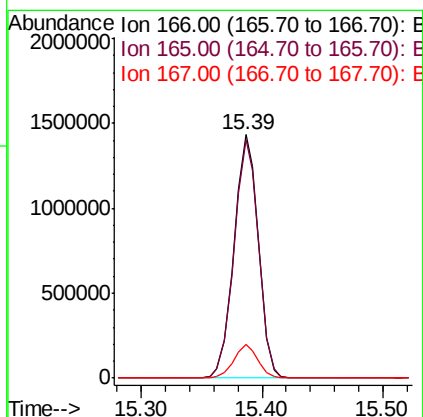
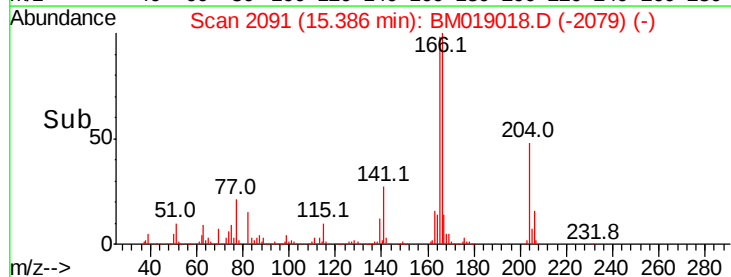
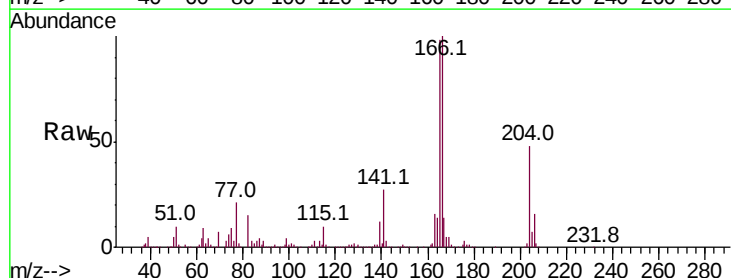
Instrument :
BNA_M
ClientSampleId :

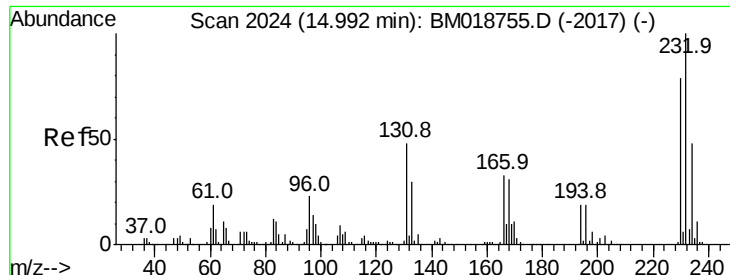
Tot Ion:165 Resp: 645416
Ion Ratio Lower Upper
165 100
63 52.0 39.6 59.4
89 78.6 63.5 95.3
182 3.0 2.2 3.4



#58
Fluorene
Concen: 41.799 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion:166 Resp: 2012108
Ion Ratio Lower Upper
166 100
165 98.0 79.1 118.7
167 13.6 11.0 16.4

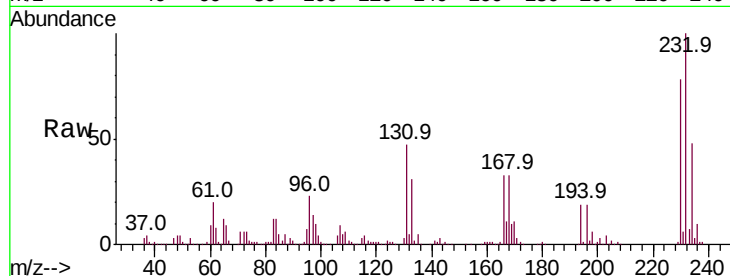




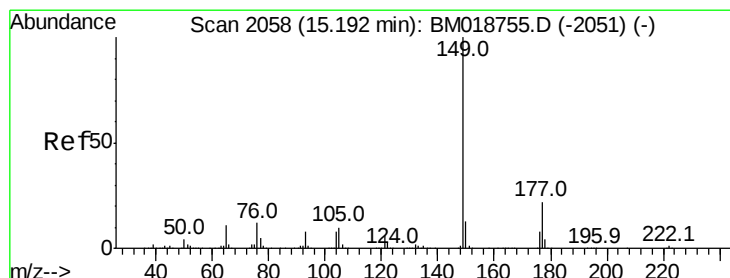
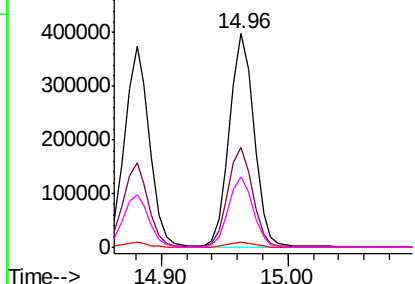
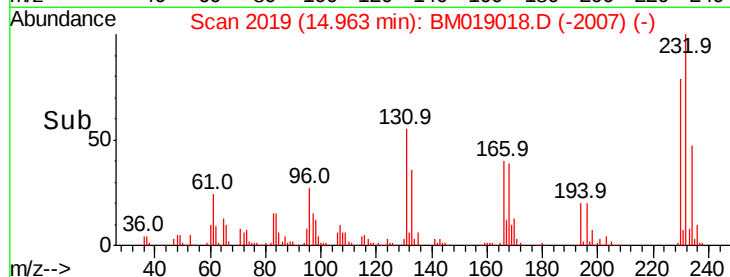
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.009 ng
RT: 14.96 min Scan# 2019
Delta R.T. -0.03 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Instrument :
BNA_M
ClientSampled :

Tot Ion:232 Resp: 532143
Ion Ratio Lower Upper
232 100
131 47.2 38.6 57.8
130 2.6 2.0 3.0
166 33.1 26.9 40.3

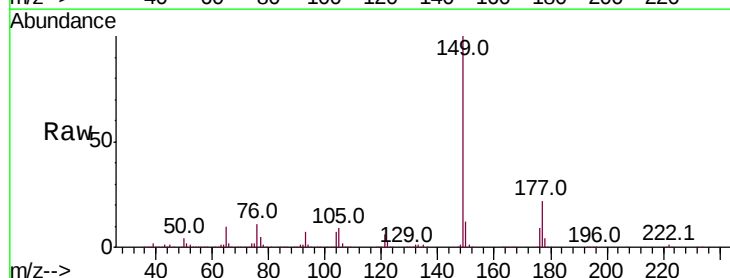


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

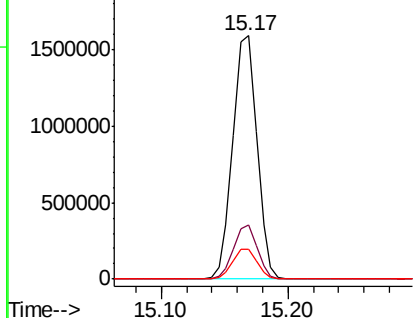
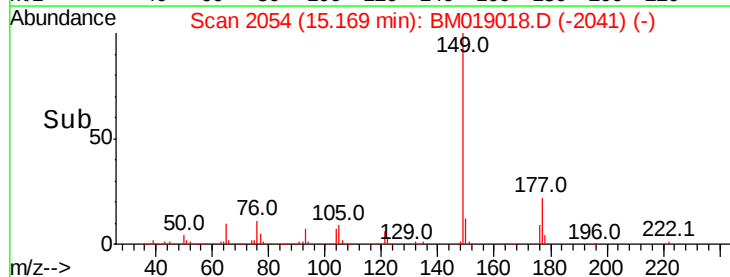


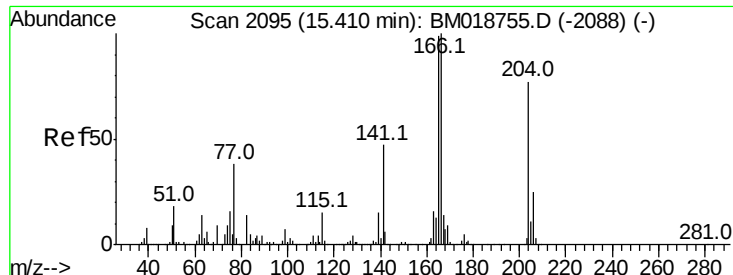
#60
Diethylphthalate
Concen: 38.807 ng
RT: 15.17 min Scan# 2054
Delta R.T. -0.02 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion:149 Resp: 2103937
Ion Ratio Lower Upper
149 100
177 22.1 17.2 25.8
150 12.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

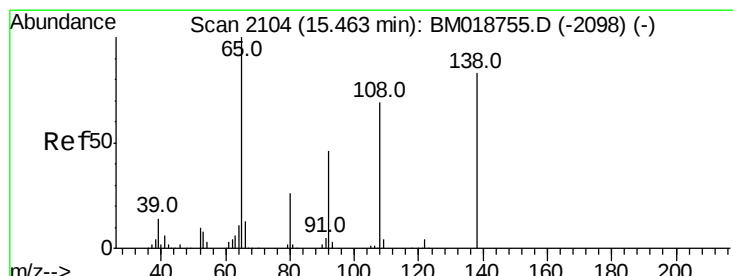
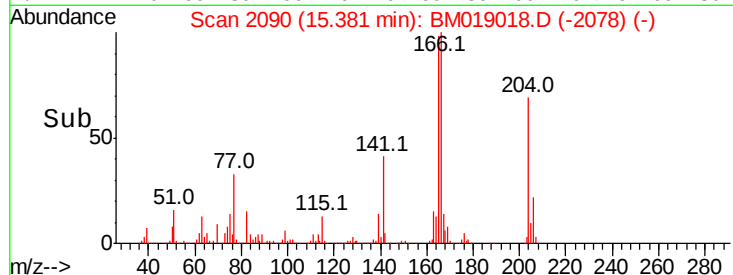
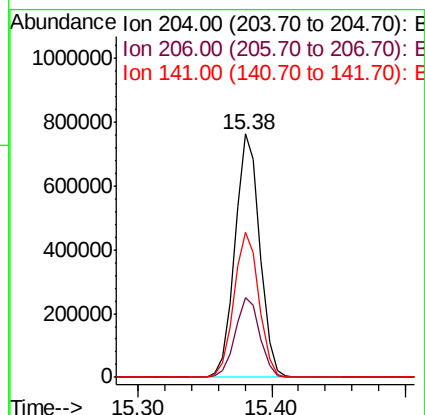
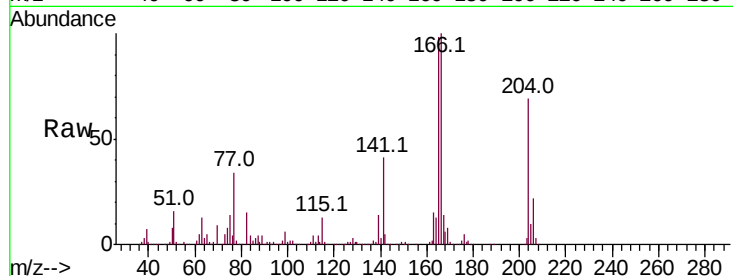




#61
4-Chlorophenyl-phenylether
Concen: 36.641 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.03 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

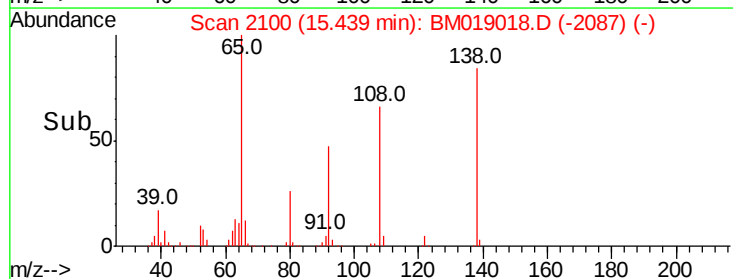
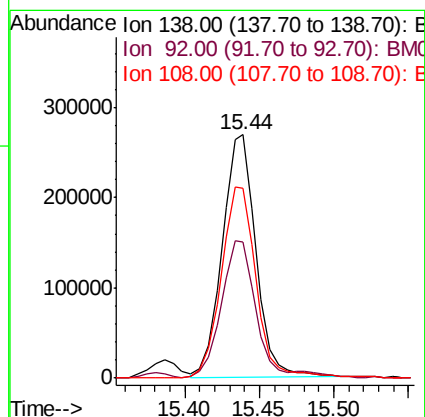
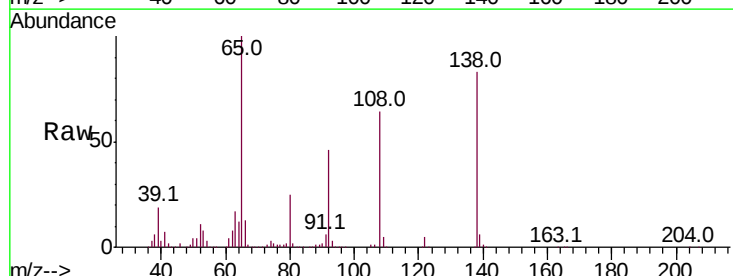
Instrument :
BNA_M
ClientSampled :

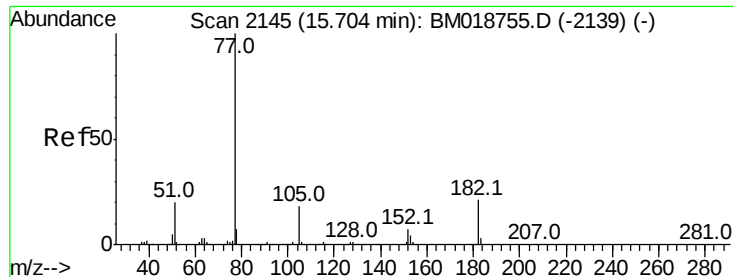
Tot Ion:204 Resp: 988941
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.2
141 59.7 49.2 73.8



#62
4-Nitroaniline
Concen: 33.417 ng
RT: 15.44 min Scan# 2100
Delta R.T. -0.02 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion:138 Resp: 421440
Ion Ratio Lower Upper
138 100
92 55.8 35.5 75.5
108 77.8 62.4 102.4





#63

Azobenzene

Concen: 38.435 ng

RT: 15.67 min Scan# 2140

Delta R.T. -0.03 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 77 Resp: 2234251

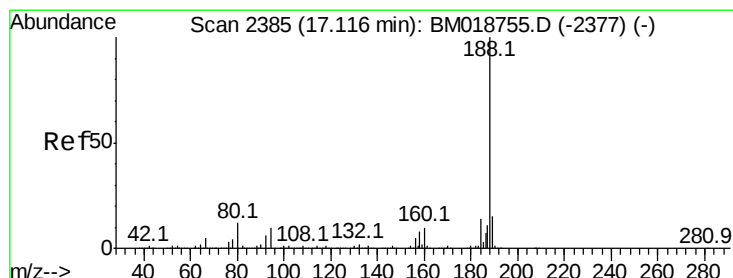
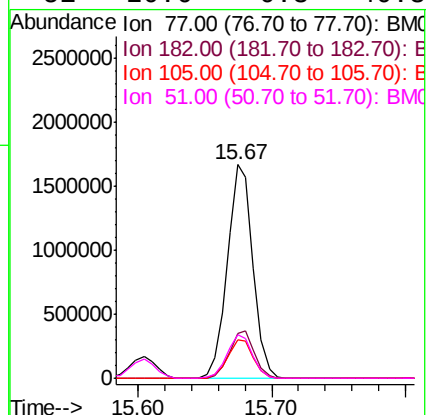
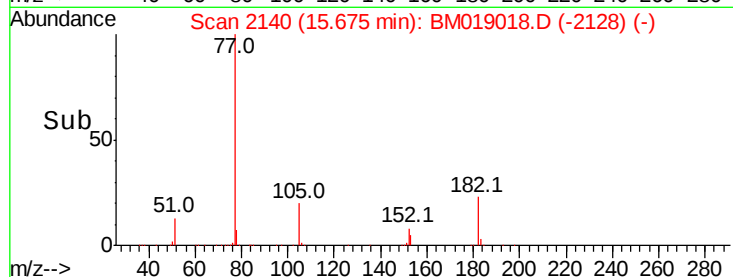
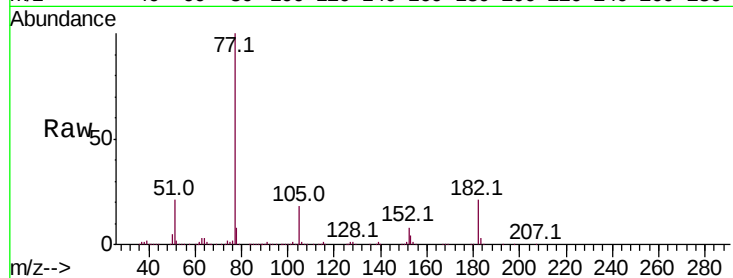
Ion	Ratio	Lower	Upper
77	100		
182	20.9	1.0	41.0
105	17.8	0.0	37.7
51	20.6	0.3	40.3

77 100

182 20.9 1.0 41.0

105 17.8 0.0 37.7

51 20.6 0.3 40.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.09 min Scan# 2380

Delta R.T. -0.03 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

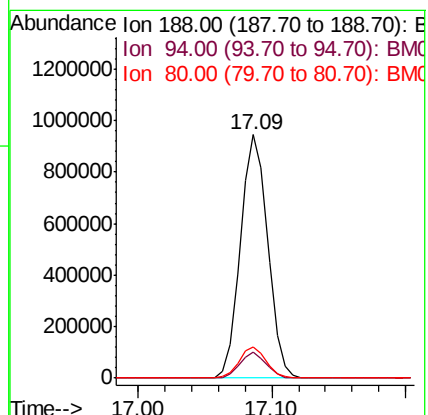
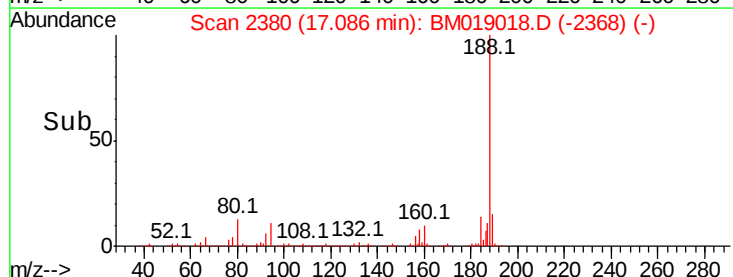
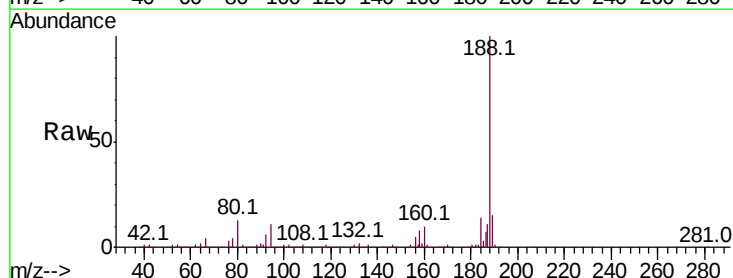
Tgt Ion: 188 Resp: 1333902

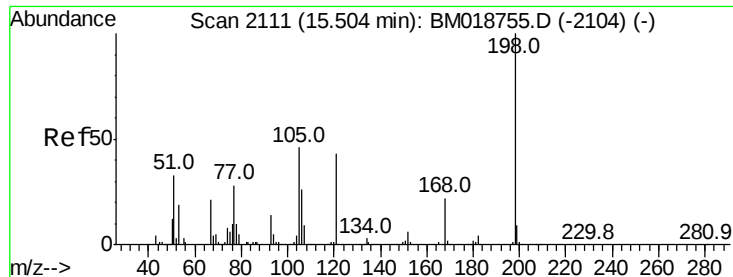
Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.2
80	12.9	9.7	14.5

188 100

94 10.6 8.2 12.2

80 12.9 9.7 14.5

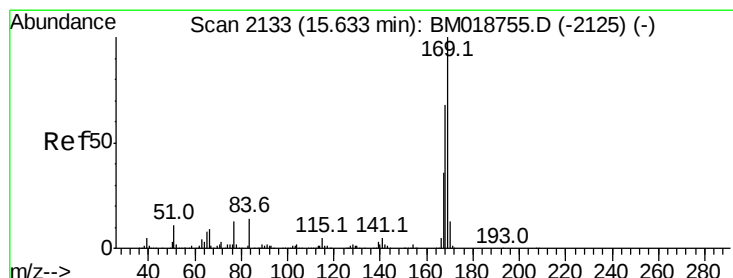
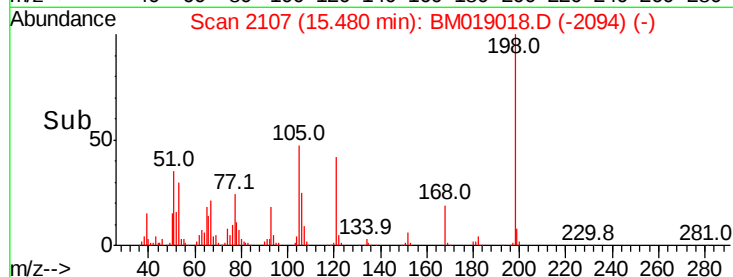
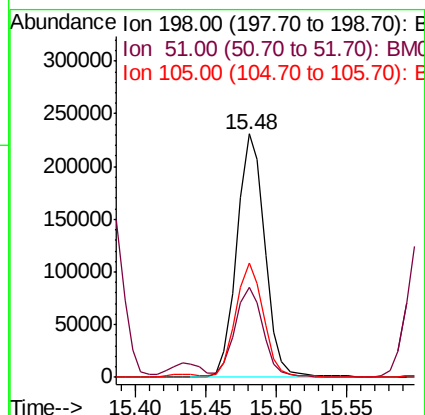
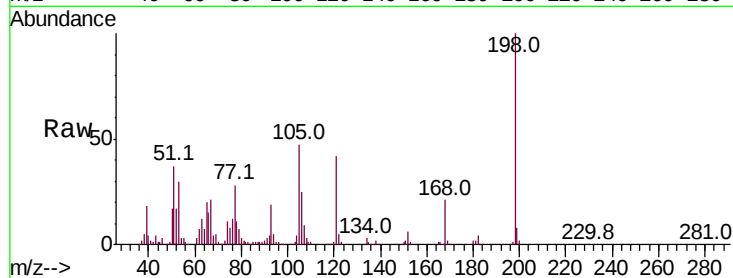




#65
 4,6-Dinitro-2-methylphenol
 Concen: 34.208 ng
 RT: 15.48 min Scan# 2107
 Delta R.T. -0.02 min
 Lab File: BM019018.D
 Acq: 04 Mar 2019 20:17

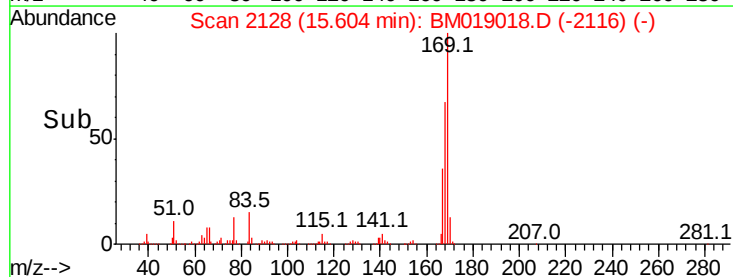
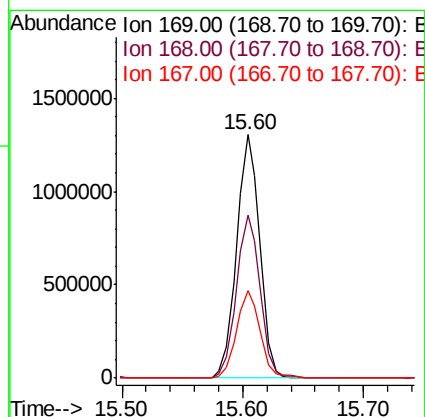
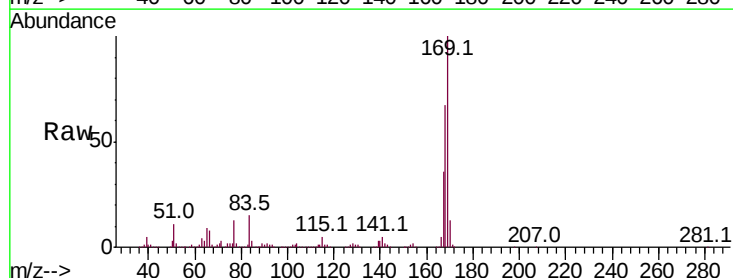
Instrument :
 BNA_M
 ClientSampleId :

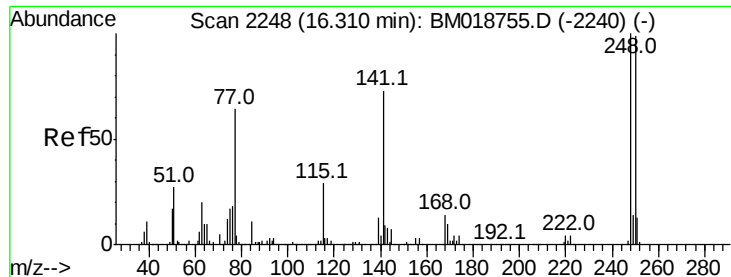
Tot Ion:198 Resp: 320372
 Ion Ratio Lower Upper
 198 100
 51 37.0 18.4 58.4
 105 47.1 27.2 67.2



#66
 n-Nitrosodiphenylamine
 Concen: 41.263 ng
 RT: 15.60 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BM019018.D
 Acq: 04 Mar 2019 20:17

Tgt Ion:169 Resp: 1738958
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.4 81.6
 167 35.7 29.0 43.6

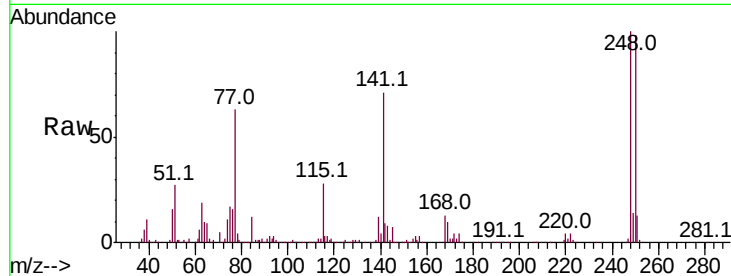




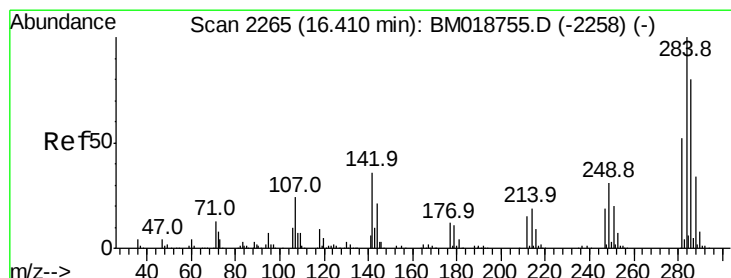
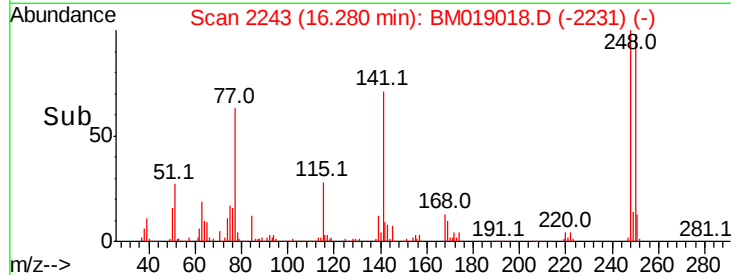
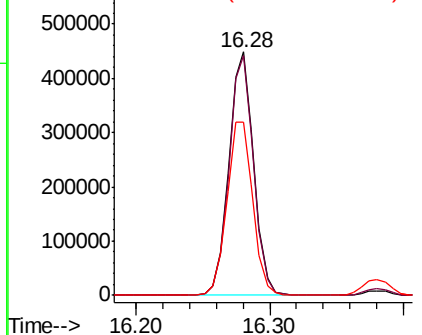
#67
4-Bromophenyl-phenylether
Concen: 38.947 ng
RT: 16.28 min Scan# 2243
Delta R.T. -0.03 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Instrument :
BNA_M
ClientSampled :

Tot Ion:248 Resp: 581513
Ion Ratio Lower Upper
248 100
250 98.5 79.0 118.6
141 71.2 58.6 88.0

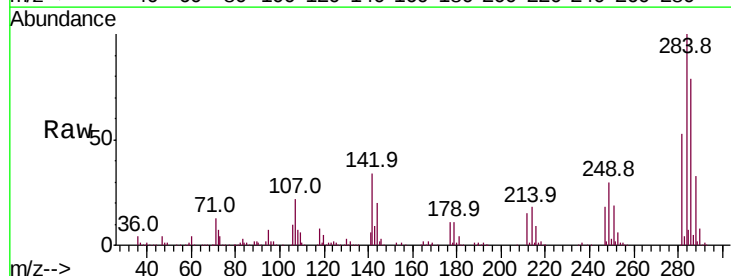


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

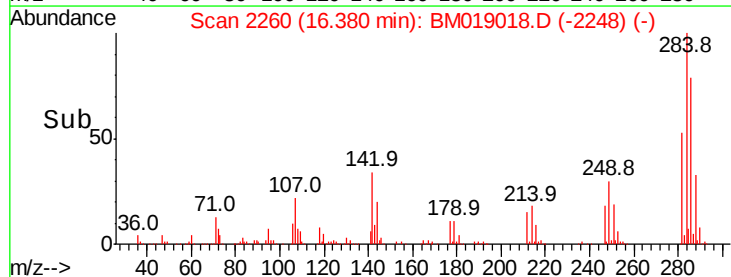
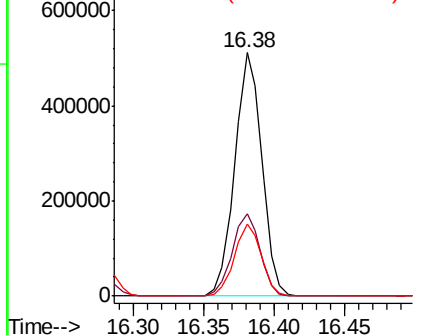


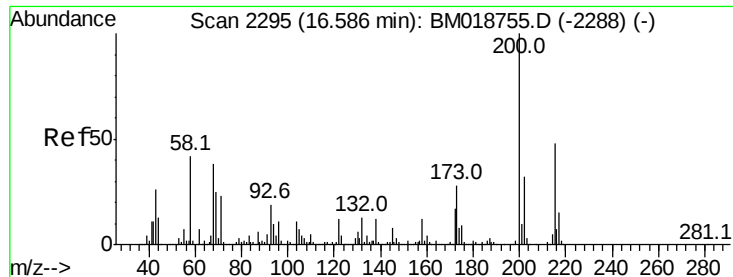
#68
Hexachlorobenzene
Concen: 39.440 ng
RT: 16.38 min Scan# 2260
Delta R.T. -0.03 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion:284 Resp: 684478
Ion Ratio Lower Upper
284 100
142 33.6 28.9 43.3
249 29.9 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

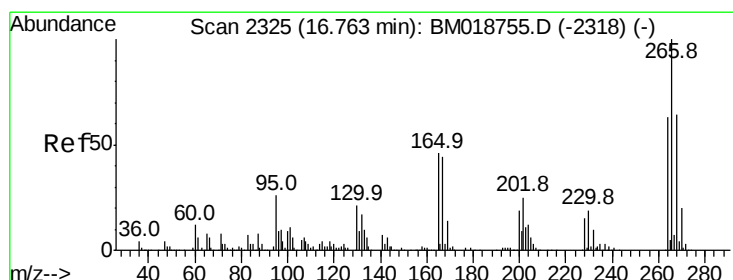
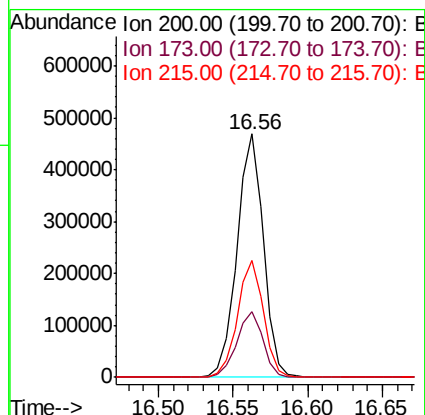
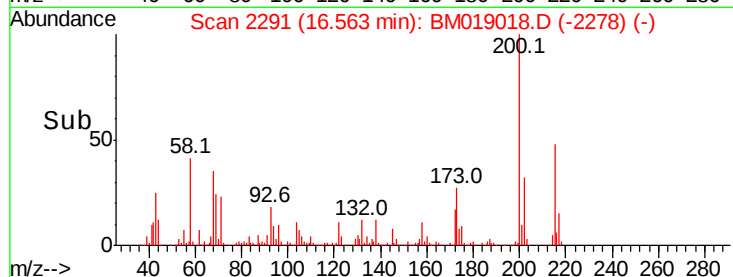
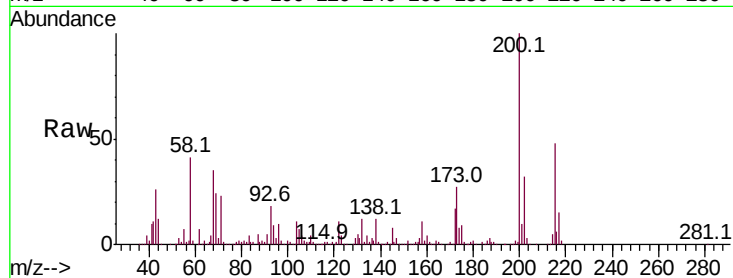




#69
Atrazine
Concen: 42.612 ng
RT: 16.56 min Scan# 2291
Delta R.T. -0.02 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

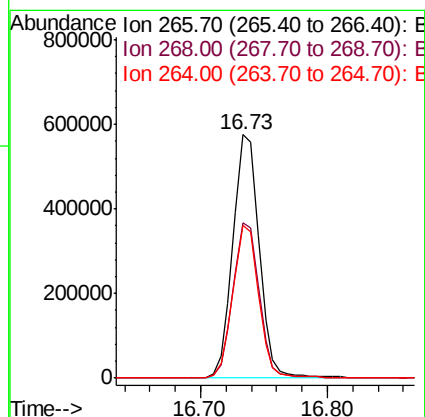
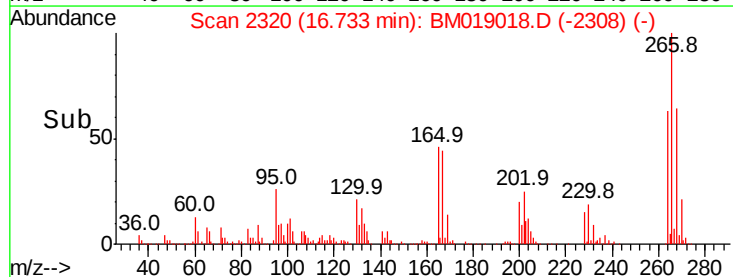
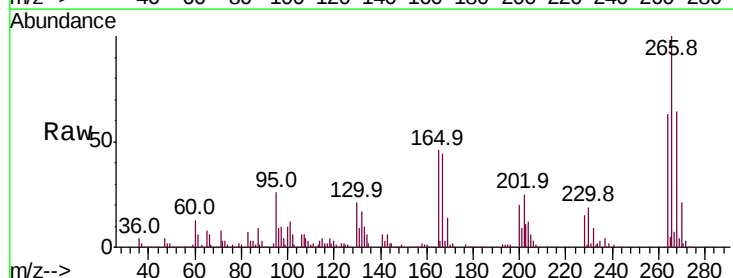
Instrument :
BNA_M
ClientSampleId :

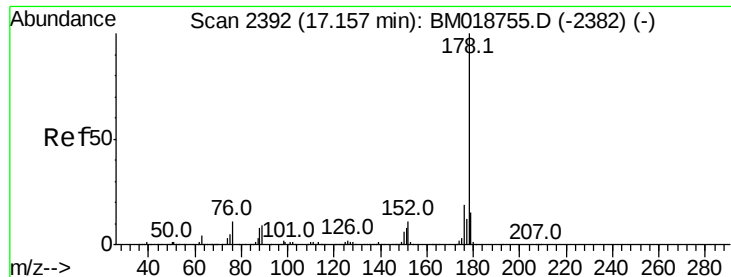
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.1	7.6	47.6
215	47.8	27.6	67.6



#70
Pentachlorophenol
Concen: 73.892 ng
RT: 16.73 min Scan# 2320
Delta R.T. -0.03 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.8	51.3	76.9
264	62.6	50.6	75.8





#71

Phenanthrene

Concen: 41.422 ng

RT: 17.13 min Scan# 2387

Delta R.T. -0.03 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Instrument :

BNA_M

ClientSampleId :

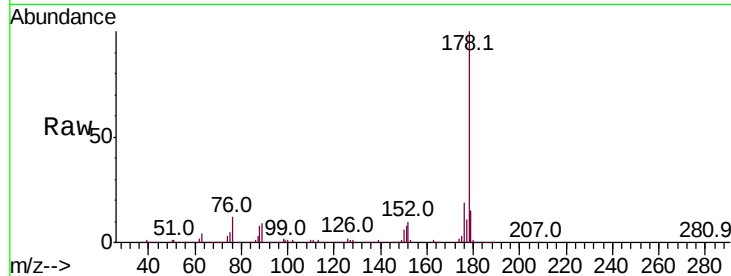
Tot Ion:178 Resp: 2969400

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.0

179 15.3 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

3000000 Ion 176.00 (175.70 to 176.70): E

2500000 Ion 179.00 (178.70 to 179.70): E

2000000

1500000

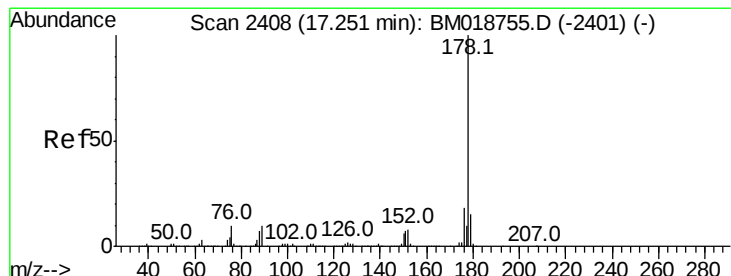
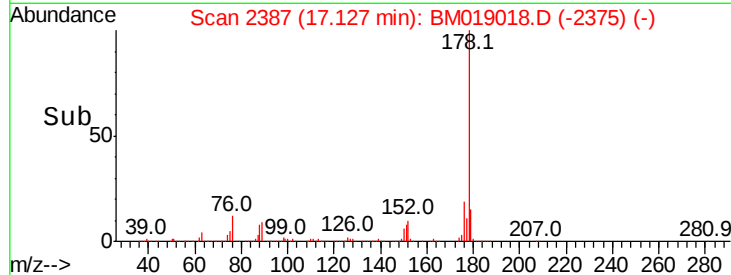
1000000

500000

0

17.10 17.20

Time-->



#72

Anthracene

Concen: 43.127 ng

RT: 17.22 min Scan# 2403

Delta R.T. -0.03 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

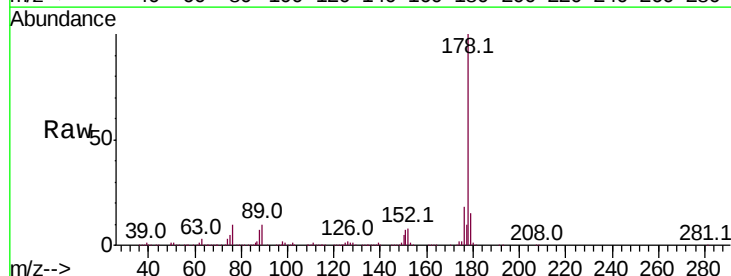
Tgt Ion:178 Resp: 3009150

Ion Ratio Lower Upper

178 100

176 18.3 14.8 22.2

179 15.0 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

3000000 Ion 176.00 (175.70 to 176.70): E

2500000 Ion 179.00 (178.70 to 179.70): E

2000000

1500000

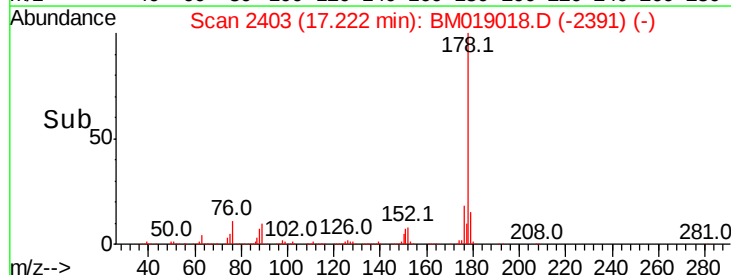
1000000

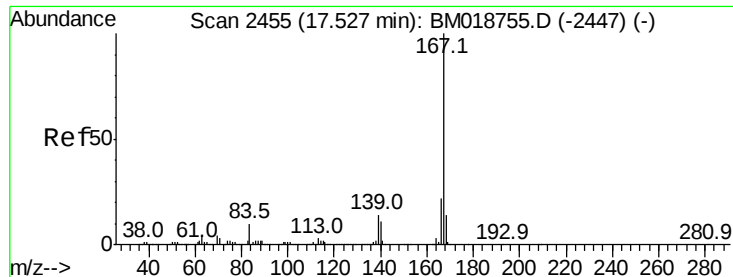
500000

0

17.20 17.30

Time-->

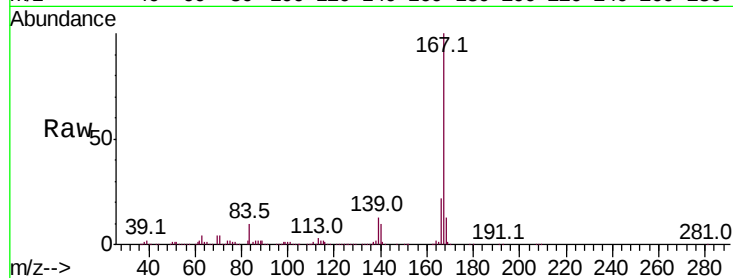




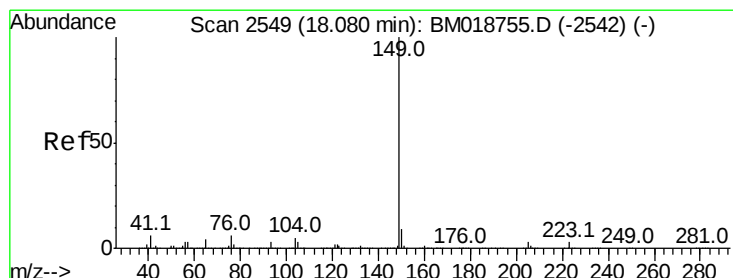
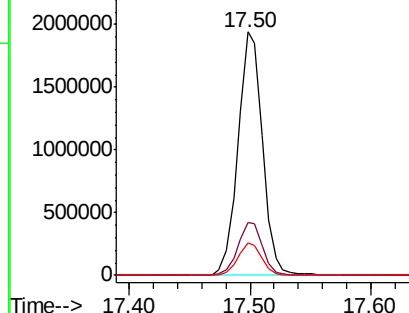
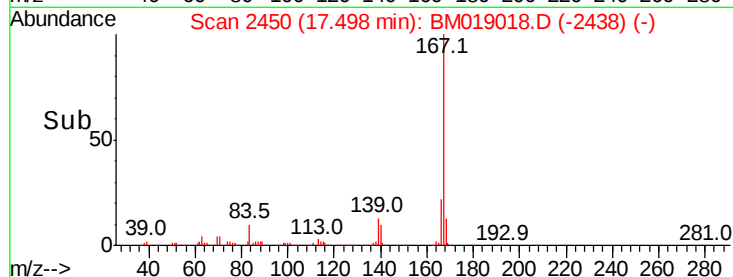
#73
 Carbazole
 Concen: 37.739 ng
 RT: 17.50 min Scan# 2450
 Delta R.T. -0.03 min
 Lab File: BM019018.D
 Acq: 04 Mar 2019 20:17

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:167 Resp: 2751050
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 13.1 10.9 16.3

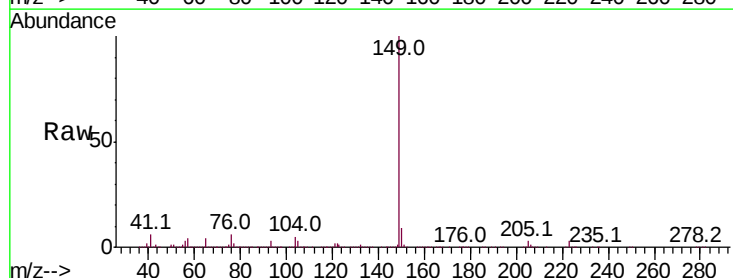


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

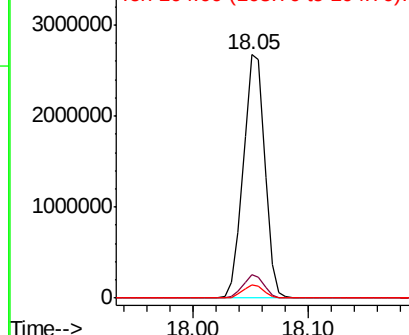
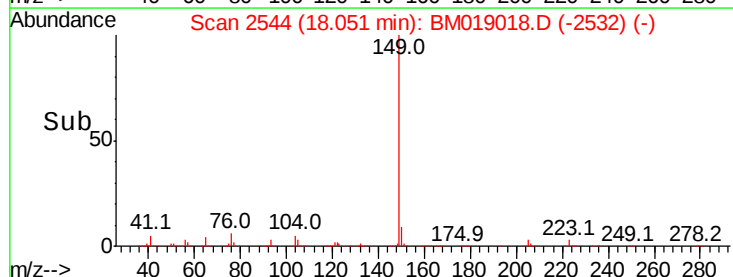


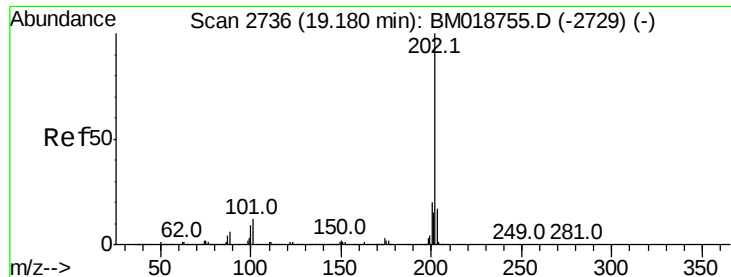
#74
 Di-n-butylphthalate
 Concen: 41.229 ng
 RT: 18.05 min Scan# 2544
 Delta R.T. -0.03 min
 Lab File: BM019018.D
 Acq: 04 Mar 2019 20:17

Tgt Ion:149 Resp: 3456475
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.0
 104 5.3 4.3 6.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 38.247 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.03 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Instrument :

BNA_M

ClientSampleId :

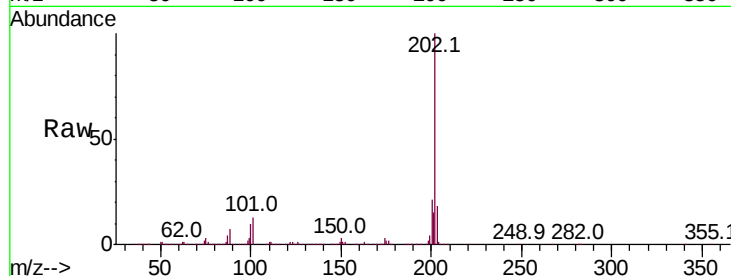
Tot Ion:202 Resp: 3167124

Ion Ratio Lower Upper

202 100

101 13.0 0.0 31.5

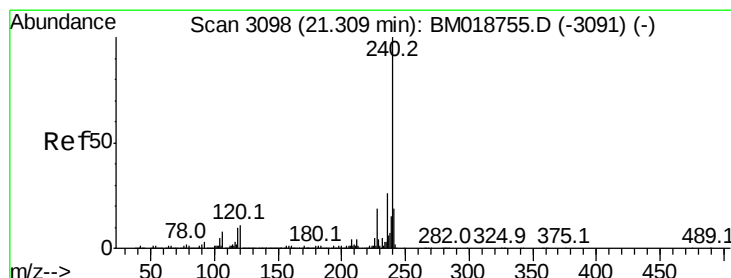
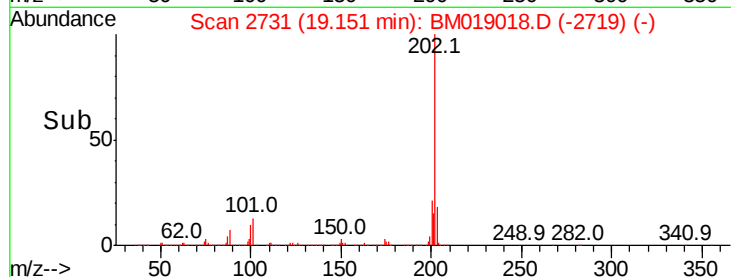
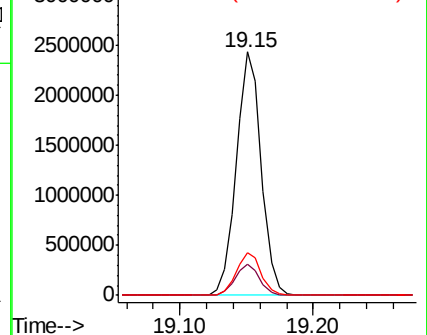
203 17.6 0.0 37.3



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.29 min Scan# 3094

Delta R.T. -0.02 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

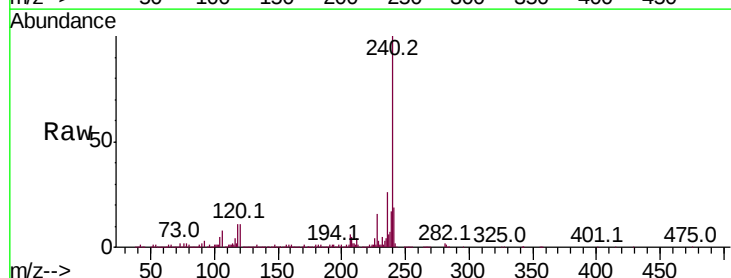
Tgt Ion:240 Resp: 1134455

Ion Ratio Lower Upper

240 100

120 11.1 8.9 13.3

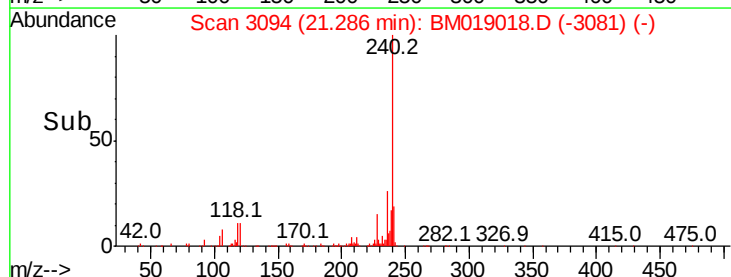
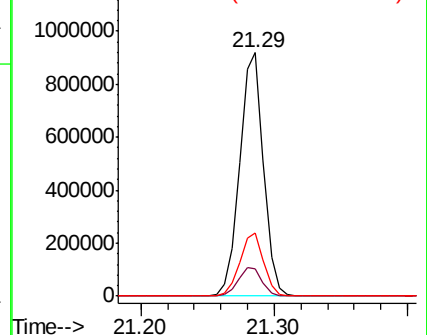
236 25.8 20.9 31.3

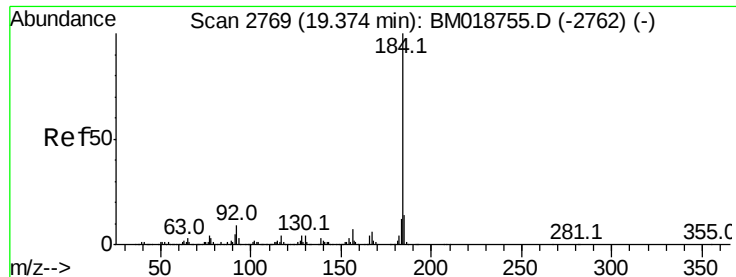


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.499 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

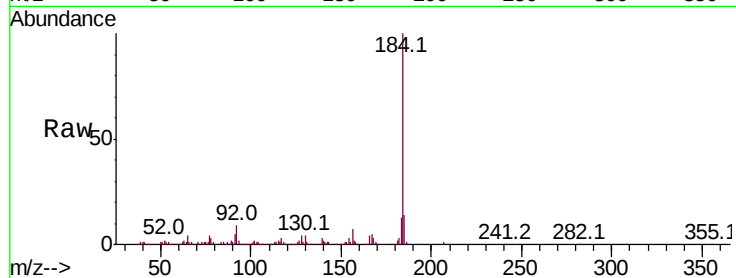
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1315767

Ion	Ratio	Lower	Upper
184	100		
185	14.3	11.2	16.8
183	12.5	9.7	14.5

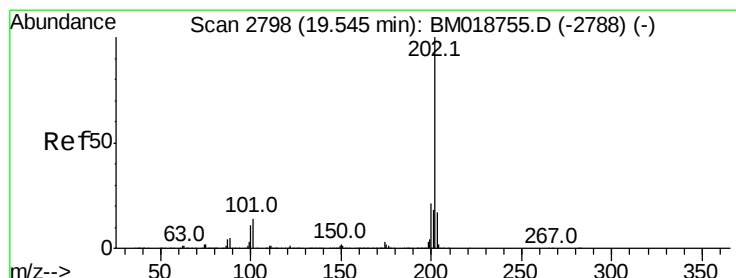
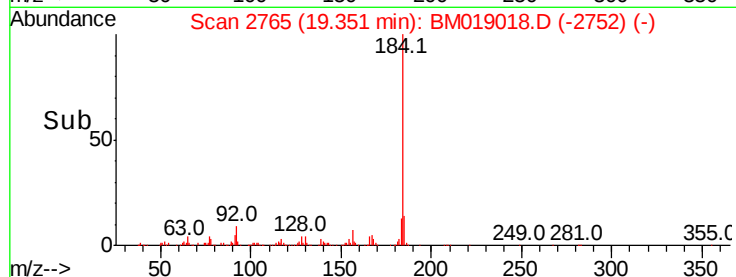
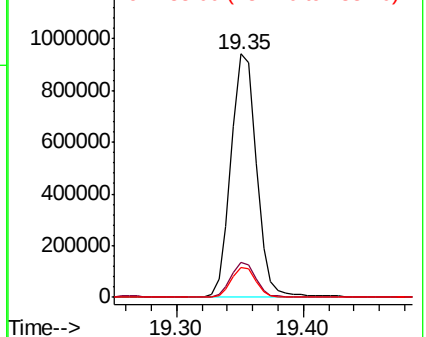


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 47.729 ng

RT: 19.52 min Scan# 2793

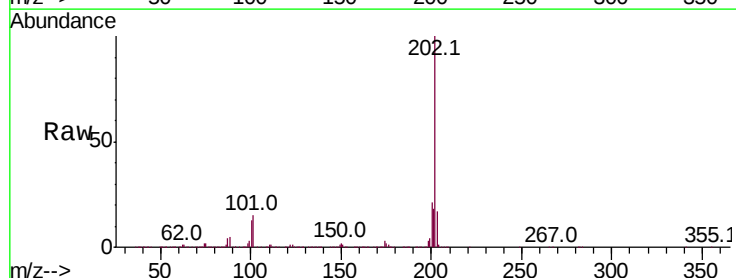
Delta R.T. -0.03 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Tgt Ion:202 Resp: 3144771

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.9	25.3
203	17.3	13.8	20.8

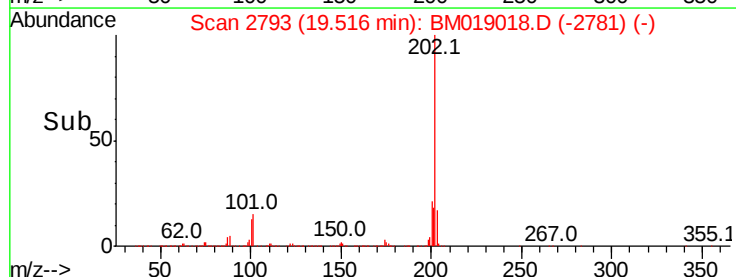
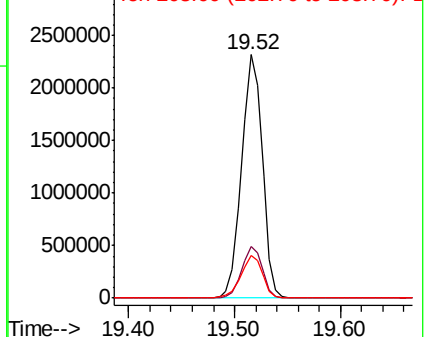


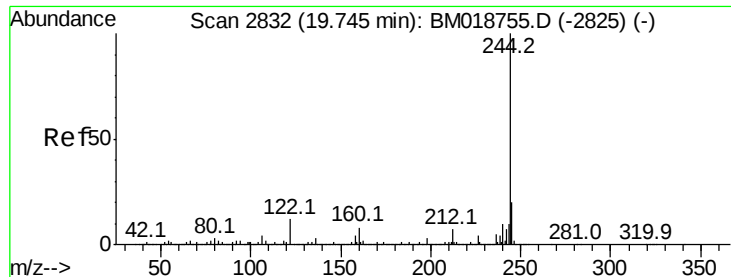
Abundance

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: 92.719 ng

RT: 19.72 min Scan# 2828

Delta R.T. -0.02 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Instrument :

BNA_M

ClientSampled :

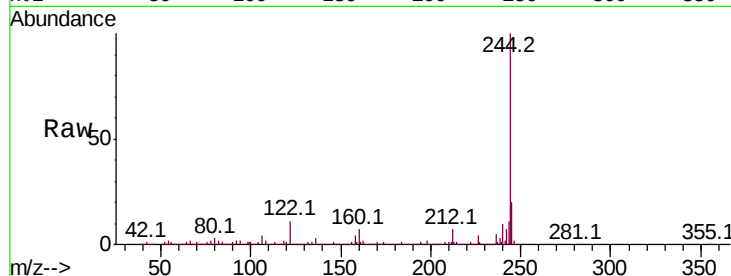
Tot Ion:244 Resp: 5098951

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

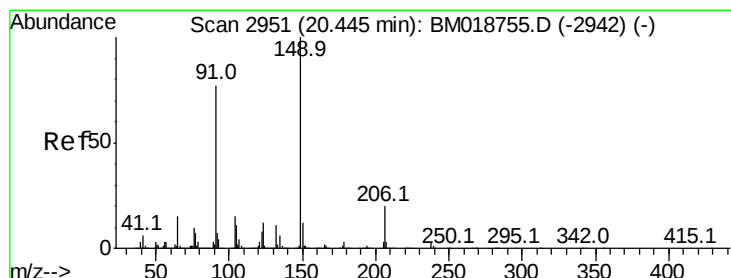
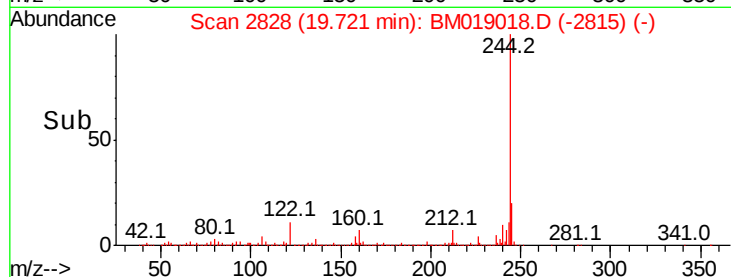
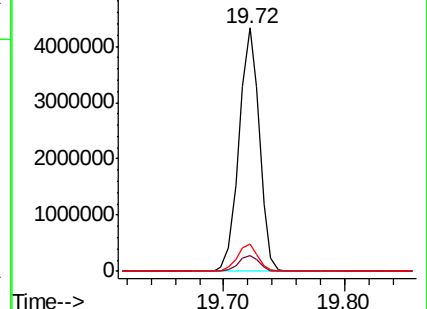
122 11.4 9.3 13.9



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: 49.752 ng

RT: 20.42 min Scan# 2947

Delta R.T. -0.02 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

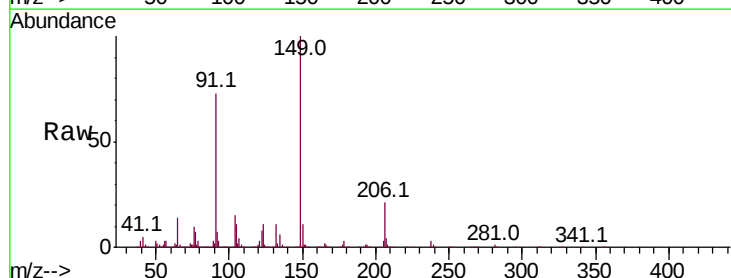
Tgt Ion:149 Resp: 1493951

Ion Ratio Lower Upper

149 100

91 72.6 61.4 92.0

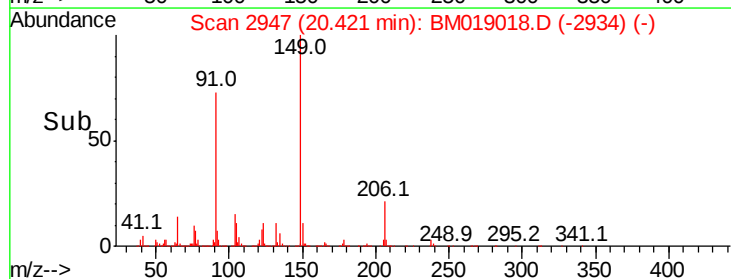
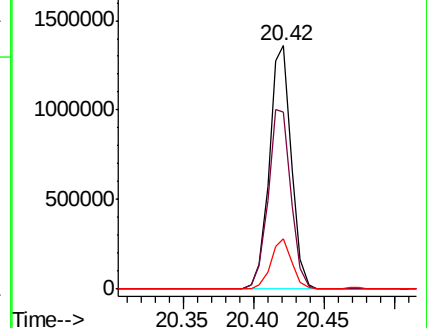
206 20.6 15.8 23.8

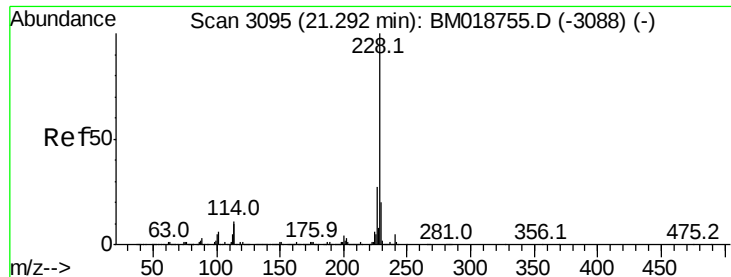


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.630 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Instrument :

BNA_M

ClientSampled :

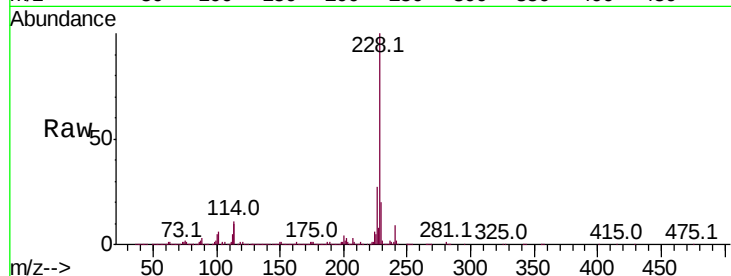
Tot Ion:228 Resp: 2686839

Ion Ratio Lower Upper

228 100

226 27.0 21.9 32.9

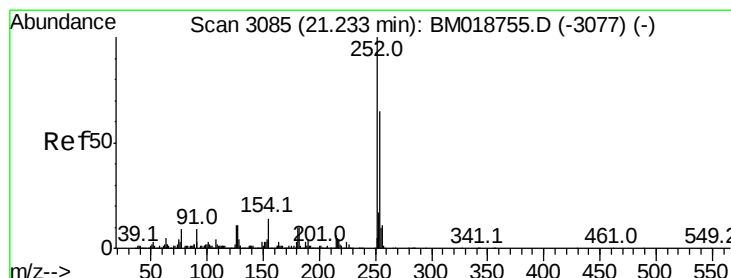
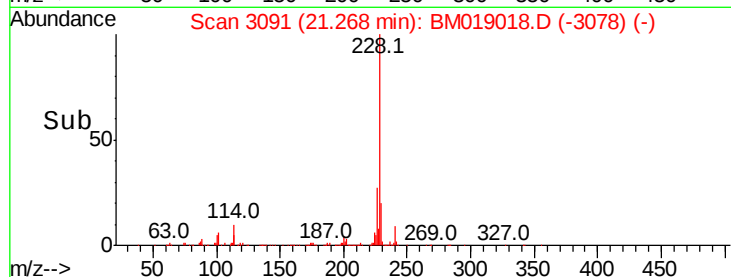
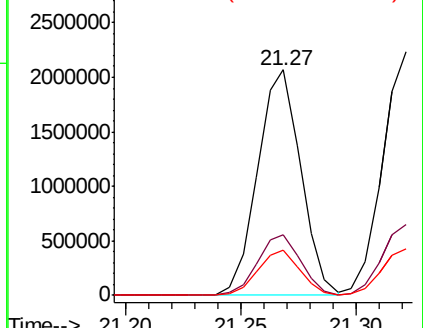
229 20.0 15.9 23.9



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: 24.050 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.02 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

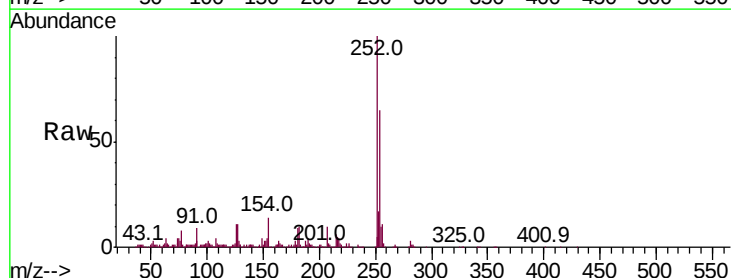
Tgt Ion:252 Resp: 628564

Ion Ratio Lower Upper

252 100

254 64.7 51.8 77.8

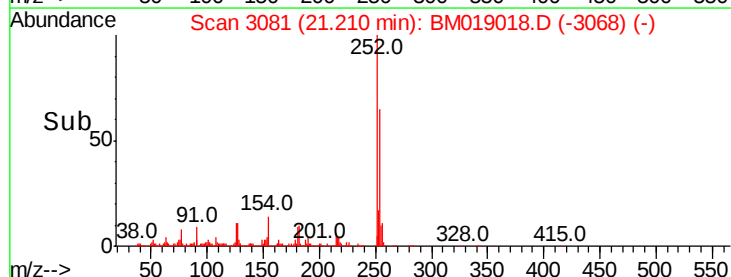
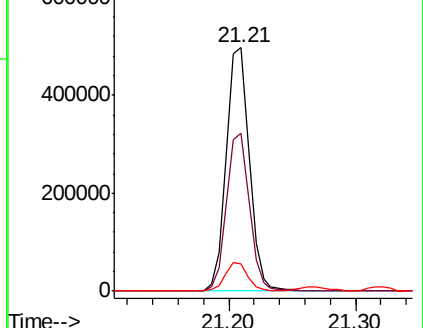
126 11.0 9.1 13.7

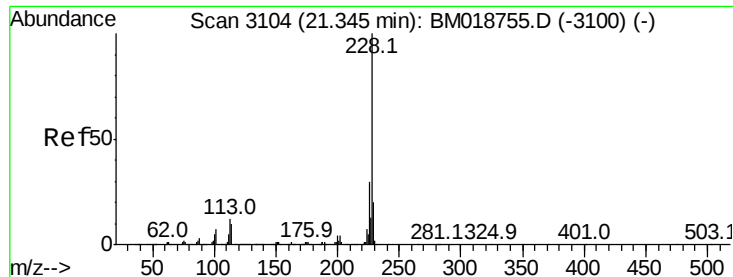


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

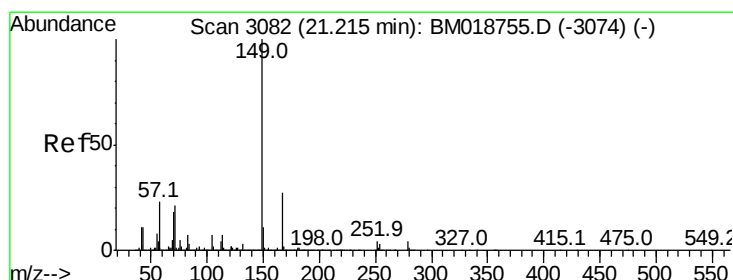
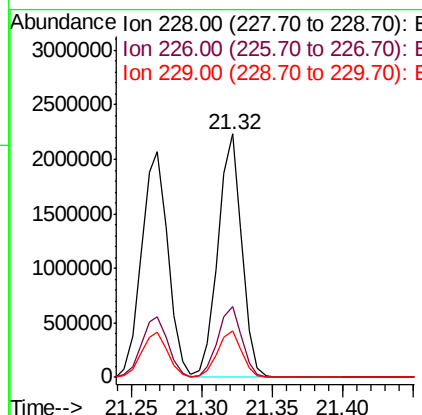
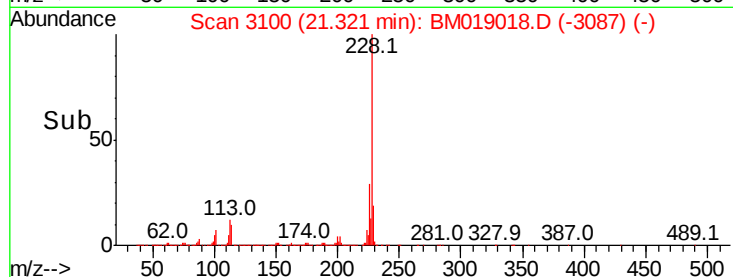
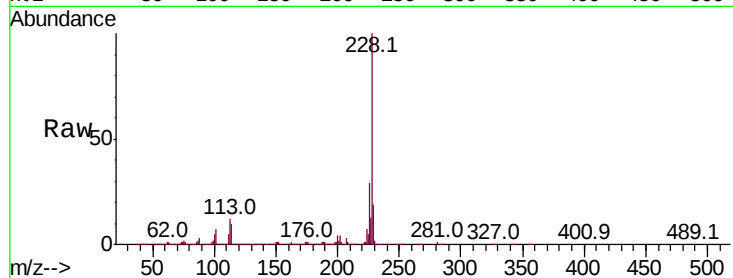




#83
Chrysene
Concen: 41.049 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

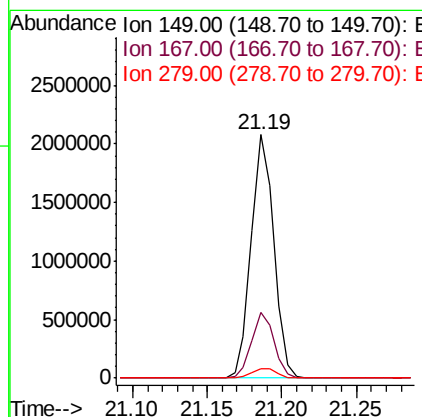
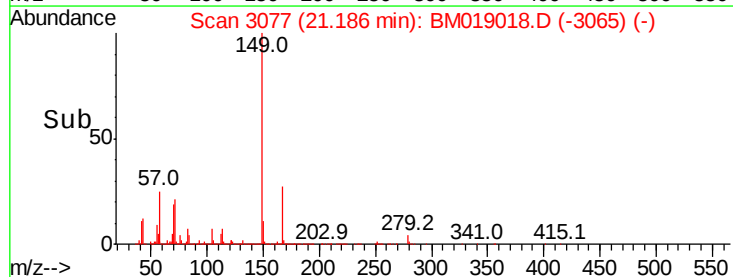
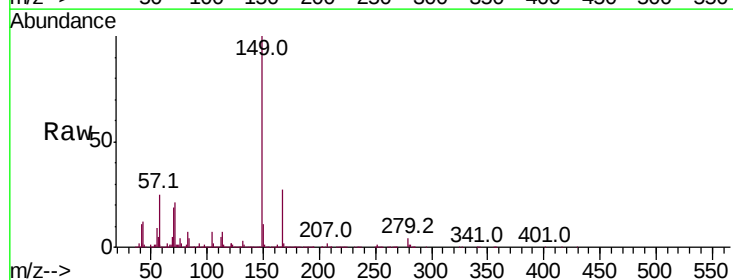
Instrument :
BNA_M
ClientSampleId :

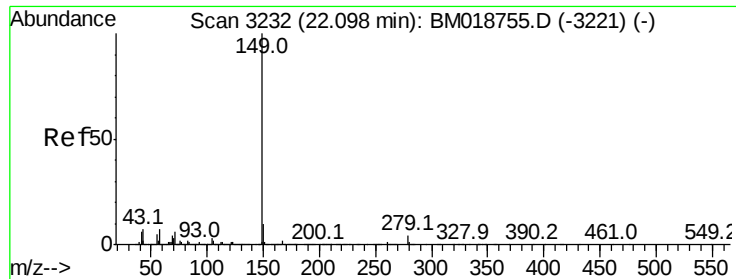
Tot Ion:228 Resp: 2601871
Ion Ratio Lower Upper
228 100
226 29.3 24.1 36.1
229 19.3 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.313 ng
RT: 21.19 min Scan# 3077
Delta R.T. -0.03 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion:149 Resp: 2167256
Ion Ratio Lower Upper
149 100
167 26.8 21.8 32.6
279 4.1 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 46.686 ng

RT: 22.07 min Scan# 3227

Delta R.T. -0.03 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

Instrument :

BNA_M

ClientSampleId :

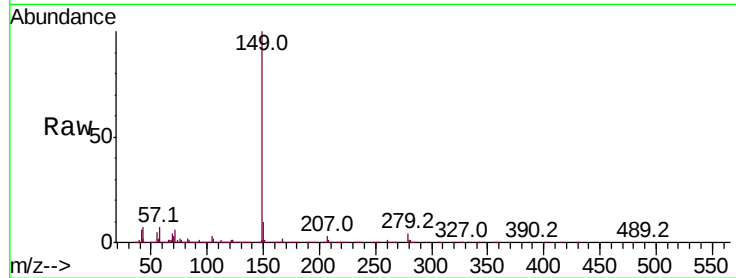
Tot Ion:149 Resp: 3448493

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

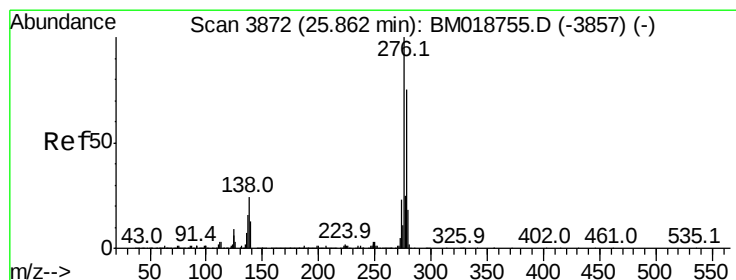
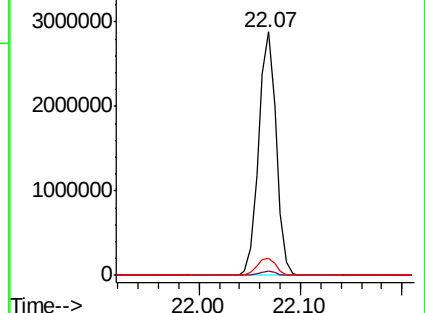
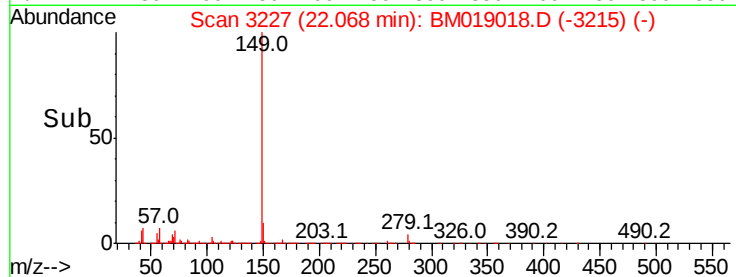
43 7.5 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 40.002 ng

RT: 25.80 min Scan# 3862

Delta R.T. -0.06 min

Lab File: BM019018.D

Acq: 04 Mar 2019 20:17

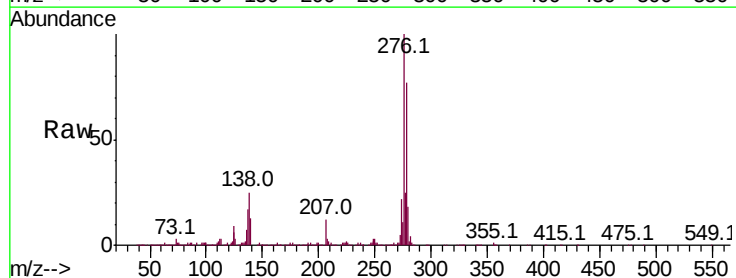
Tgt Ion:276 Resp: 2927354

Ion Ratio Lower Upper

276 100

138 25.0 20.2 30.4

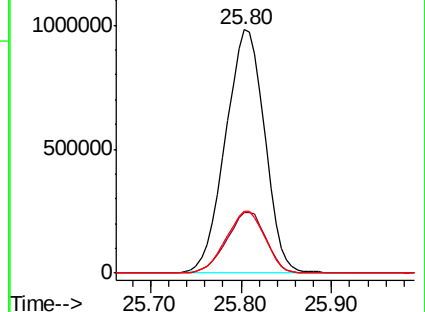
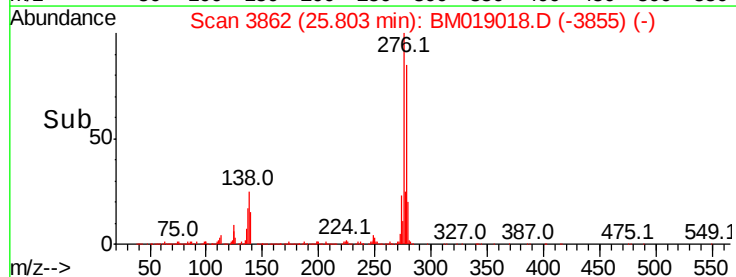
277 25.4 20.3 30.5

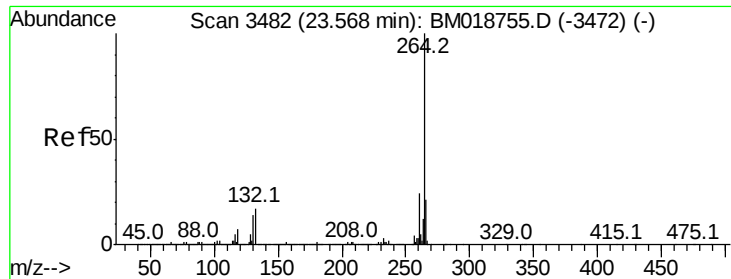


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



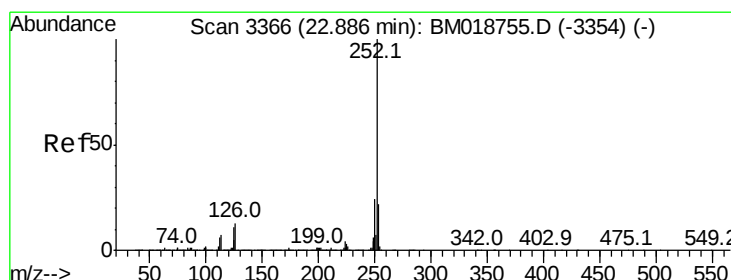
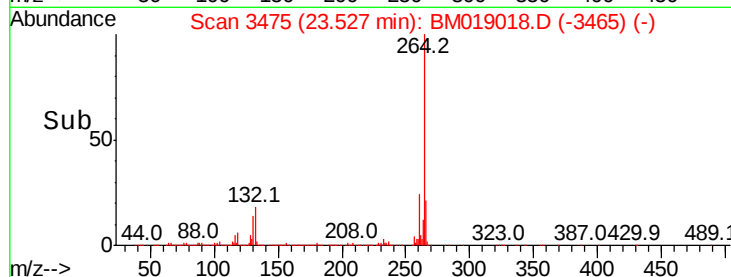
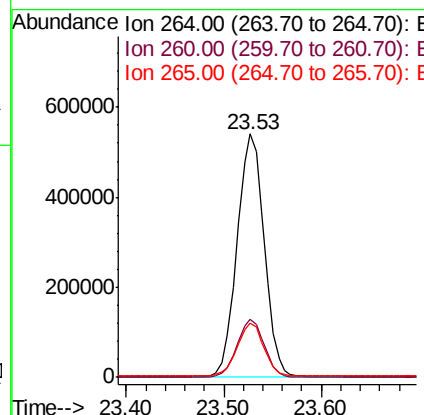
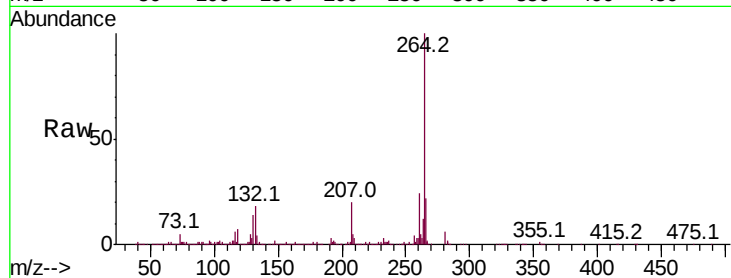


#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.53 min Scan# 3475
Delta R.T. -0.04 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:264 Resp: 1044489

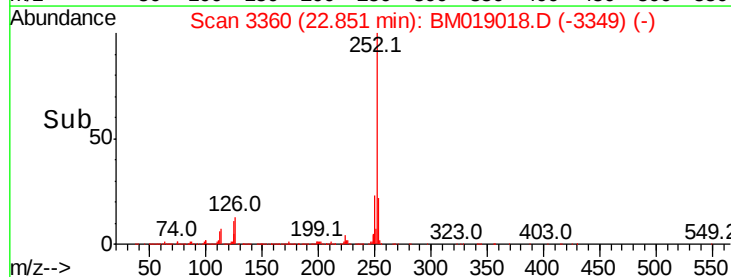
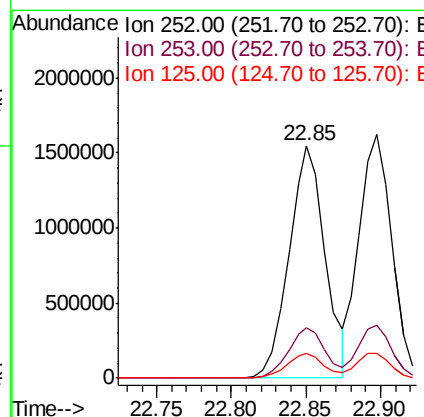
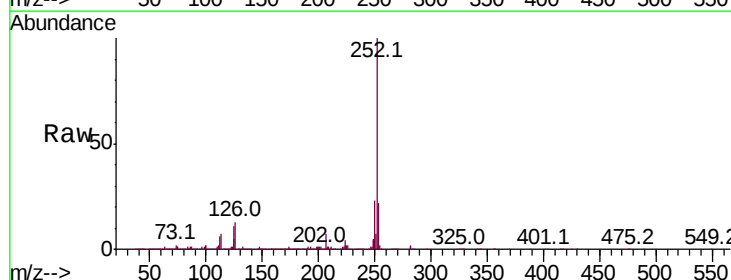
Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.1	17.3	25.9

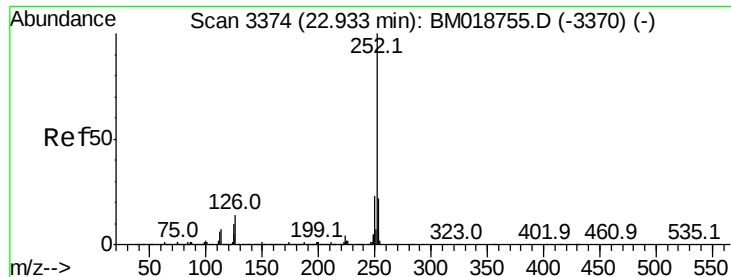


#88
Benzo(b)fluoranthene
Concen: 43.524 ng
RT: 22.85 min Scan# 3360
Delta R.T. -0.04 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion:252 Resp: 2600941

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.8	26.6
125	10.7	8.6	12.8

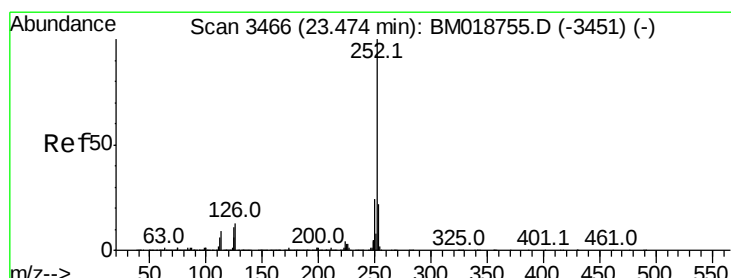
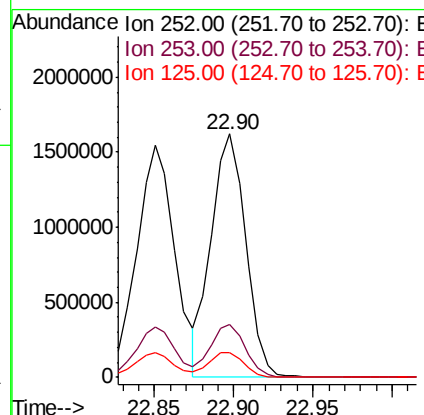
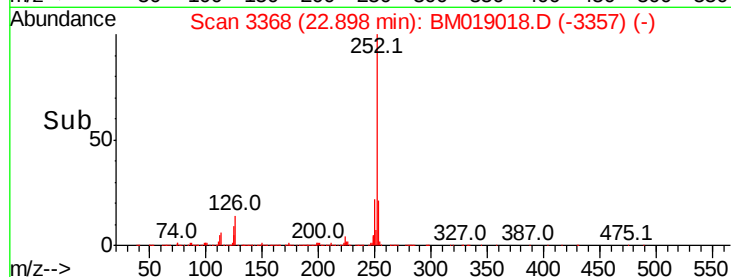
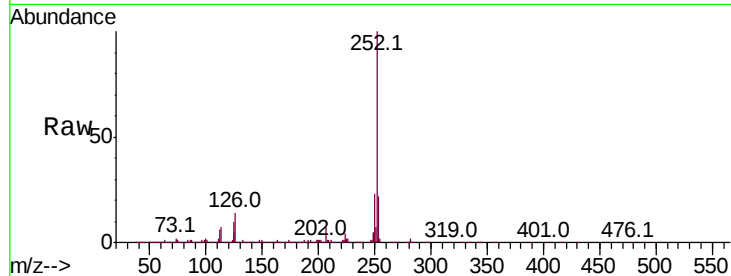




#89
Benzo(k)fluoranthene
Concen: 41.330 ng
RT: 22.90 min Scan# 3368
Delta R.T. -0.04 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

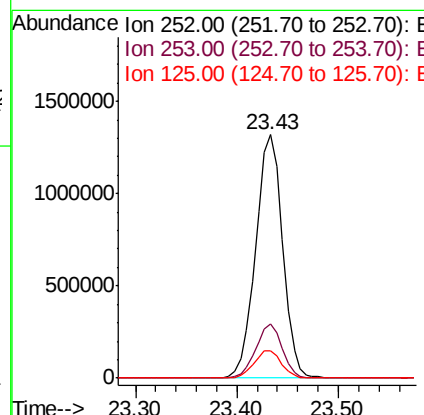
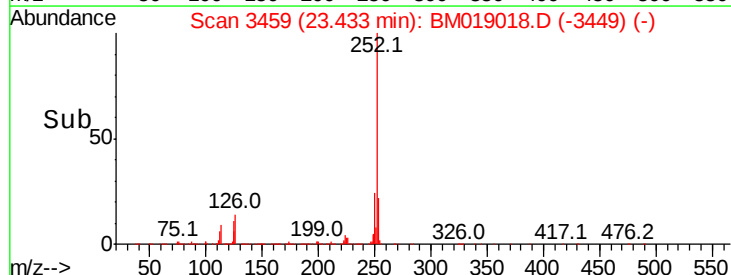
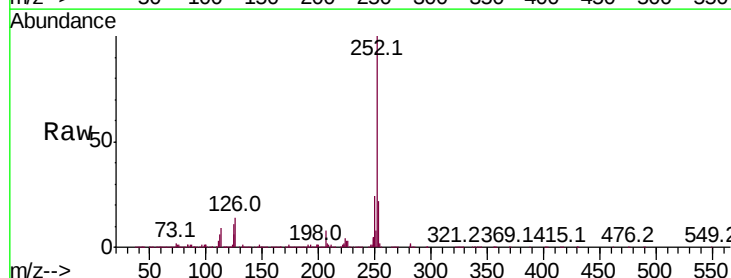
Instrument :
BNA_M
ClientSampleId :

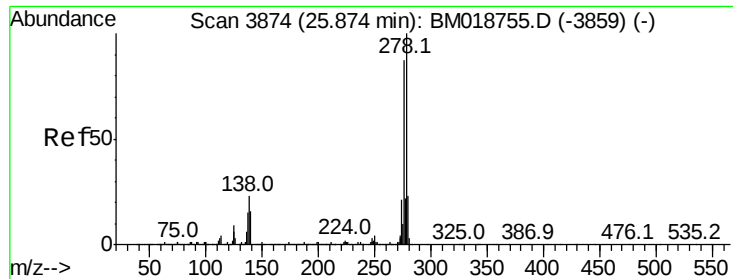
Tot Ion:252 Resp: 2458893
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 10.3 8.2 12.4



#90
Benzo(a)pyrene
Concen: 42.882 ng
RT: 23.43 min Scan# 3459
Delta R.T. -0.04 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion:252 Resp: 2427627
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 11.4 8.6 13.0



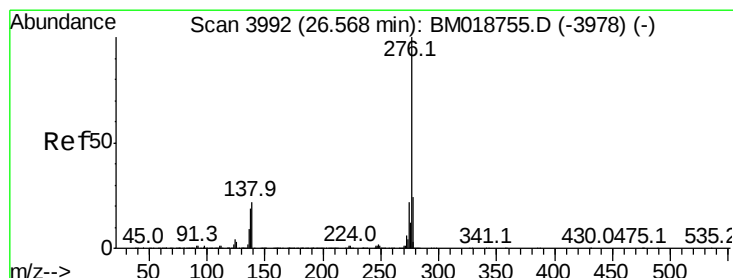
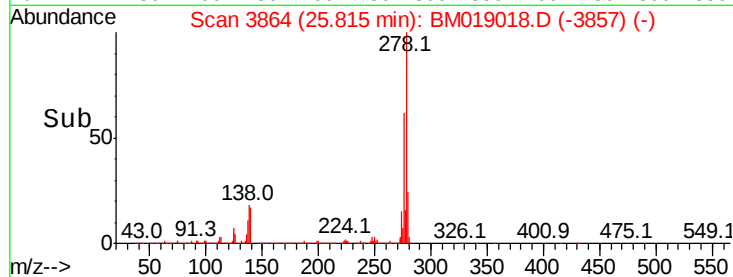
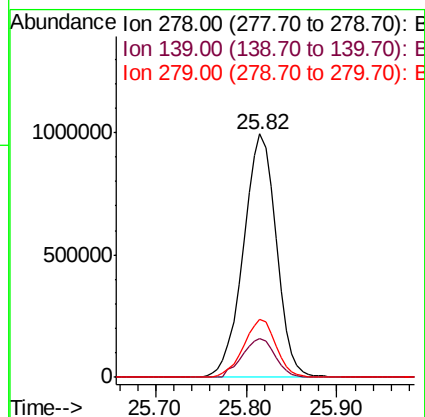
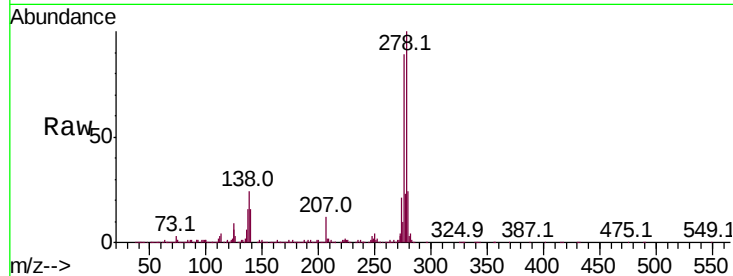


#91
Dibenzo(a,h)anthracene
Concen: 44.837 ng
RT: 25.82 min Scan# 3864
Delta R.T. -0.06 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Instrument :
BNA_M
ClientSampleId :

Tot Ion:278 Resp: 2514777

Ion	Ratio	Lower	Upper
278	100		
139	16.1	12.6	18.8
279	23.6	18.6	28.0



#92
Benzo(g,h,i)perylene
Concen: 45.474 ng
RT: 26.50 min Scan# 3981
Delta R.T. -0.06 min
Lab File: BM019018.D
Acq: 04 Mar 2019 20:17

Tgt Ion:276 Resp: 2374480

Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.2	28.8
138	21.0	17.3	25.9

