

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030419\
 Data File : BM019006.D
 Acq On : 04 Mar 2019 13:04
 Operator : JU/SJ
 Sample : PB117551BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Mar 05 03:32:17 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	266153	20.00	ng	-0.04
21) Naphthalene-d8	10.47	136	1084187	20.00	ng	-0.04
39) Acenaphthene-d10	14.33	164	591364	20.00	ng	-0.03
64) Phenanthrene-d10	17.09	188	1172612	20.00	ng	-0.03
76) Chrysene-d12	21.29	240	828626	20.00	ng	-0.02
87) Perylene-d12	23.53	264	787585	20.00	ng	-0.04

System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	2299846	141.58	ng	-0.02
7) Phenol-d6	6.86	99	3124462	136.54	ng	-0.02
23) Nitrobenzene-d5	8.85	82	1782043	76.00	ng	-0.04
42) 2,4,6-Tribromophenol	15.83	330	1086577	127.47	ng	-0.03
45) 2-Fluorobiphenyl	12.95	172	3525839	79.15	ng	-0.03
79) Terphenyl-d14	19.72	244	4033616	100.42	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.24	88	260885	36.874	ng	98
3) Pyridine	3.63	79	715040	37.052	ng	99
4) n-Nitrosodimethylamine	3.55	42	229457	46.738	ng	90
6) Aniline	7.03	93	978033	34.882	ng	100
8) 2-Chlorophenol	7.25	128	788468	44.210	ng	99
9) Benzaldehyde	6.84	77	571265	48.194	ng	99
10) Phenol	6.89	94	1041940	43.273	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	724883	39.466	ng	99
12) 1,3-Dichlorobenzene	7.57	146	782629	39.026	ng	99
13) 1,4-Dichlorobenzene	7.72	146	803561	39.360	ng	99
14) 1,2-Dichlorobenzene	8.03	146	774978	39.518	ng	99
15) Benzyl Alcohol	7.93	79	740254	40.711	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	713120	40.115	ng	98
17) 2-Methylphenol	8.13	107	664783	43.379	ng	98
18) Hexachloroethane	8.74	117	295234	39.615	ng	99
19) n-Nitroso-di-n-propylamine	8.49	70	679793	38.367	ng	99
20) 3+4-Methylphenols	8.46	107	890530	42.082	ng	99
22) Acetophenone	8.51	105	1125415	37.799	ng	# 99
24) Nitrobenzene	8.89	77	969824	39.847	ng	100
25) Isophorone	9.41	82	1666135	44.534	ng	100
26) 2-Nitrophenol	9.59	139	409953	42.296	ng	99
27) 2,4-Dimethylphenol	9.65	122	705438	49.831	ng	99
28) bis(2-Chloroethoxy)methane	9.89	93	1013543	41.893	ng	99
29) 2,4-Dichlorophenol	10.12	162	709635	43.656	ng	99
30) 1,2,4-Trichlorobenzene	10.33	180	747503	39.819	ng	99
31) Naphthalene	10.52	128	2258589	42.714	ng	100
32) Benzoic acid	9.82	122	438614	35.518	ng	96
33) 4-Chloroaniline	10.65	127	351986	14.892	ng	100
34) Hexachlorobutadiene	10.78	225	402866	36.973	ng	99
35) Caprolactam	11.46	113	162296	24.464	ng	94
36) 4-Chloro-3-methylphenol	11.77	107	776054	39.598	ng	97
37) 2-Methylnaphthalene	12.14	142	1640800	44.074	ng	99
38) 1-Methylnaphthalene	12.36	142	1558112	42.800	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	776542	41.050	ng	99

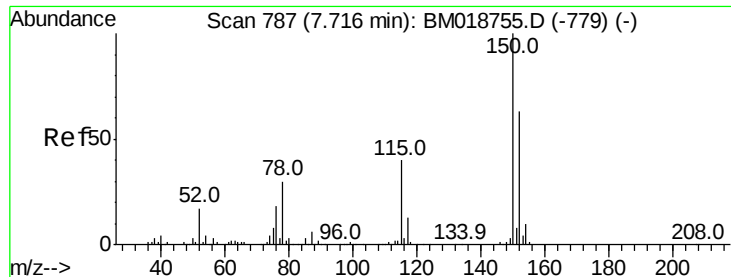
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.47	237	957232	98.971	ng	99
43) 2,4,6-Trichlorophenol	12.76	196	541256	43.220	ng	99
44) 2,4,5-Trichlorophenol	12.83	196	561279	42.761	ng	99
46) 1,1'-Biphenyl	13.16	154	2084072	40.942	ng	99
47) 2-Chloronaphthalene	13.20	162	1611445	40.986	ng	100
48) 2-Nitroaniline	13.43	65	524506	40.167	ng	98
49) Acenaphthylene	14.06	152	2561390	43.752	ng	100
50) Dimethylphthalate	13.80	163	1947042	39.506	ng	100
51) 2,6-Dinitrotoluene	13.93	165	428530	40.139	ng	96
52) Acenaphthene	14.40	154	1481791	41.278	ng	100
53) 3-Nitroaniline	14.26	138	244929	20.305	ng	98
54) 2,4-Dinitrophenol	14.47	184	483119	71.942	ng	99
55) Dibenzofuran	14.74	168	2358087	39.965	ng	98
56) 4-Nitrophenol	14.58	139	672042	69.790	ng	96
57) 2,4-Dinitrotoluene	14.72	165	579479	39.395	ng	97
58) Fluorene	15.39	166	1899599	42.083	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.96	232	484075	41.723	ng	99
60) Diethylphthalate	15.17	149	1965371	38.659	ng	99
61) 4-Chlorophenyl-phenylether	15.38	204	950436	37.554	ng	99
62) 4-Nitroaniline	15.43	138	375582	31.759	ng	98
63) Azobenzene	15.67	77	2139899	39.257	ng	100
65) 4,6-Dinitro-2-methylphenol	15.48	198	291818	35.445	ng	99
66) n-Nitrosodiphenylamine	15.60	169	1625793	43.884	ng	99
67) 4-Bromophenyl-phenylether	16.28	248	546627	41.647	ng	99
68) Hexachlorobenzene	16.38	284	630913	41.354	ng	99
69) Atrazine	16.56	200	522162	43.719	ng	99
70) Pentachlorophenol	16.73	266	714352	72.721	ng	99
71) Phenanthrene	17.13	178	2705042	42.925	ng	100
72) Anthracene	17.22	178	2752928	44.882	ng	100
73) Carbazole	17.50	167	2349413	36.662	ng	98
74) Di-n-butylphthalate	18.06	149	3044670	41.312	ng	99
75) Fluoranthene	19.15	202	2633757	36.181	ng	98
77) Benzidine	19.35	184	1234788	66.166	ng	99
78) Pyrene	19.52	202	2610444	54.242	ng	100
80) Butylbenzylphthalate	20.42	149	1148284	52.355	ng	99
81) Benzo(a)anthracene	21.27	228	2026155	41.947	ng	99
82) 3,3'-Dichlorobenzidine	21.21	252	555357	29.092	ng	99
83) Chrysene	21.32	228	1937411	41.848	ng	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1608120	50.095	ng	99
85) Di-n-octyl phthalate	22.07	149	2401078	44.503	ng	100
86) Indeno(1,2,3-cd)pyrene	25.81	276	2448734	45.812	ng	100
88) Benzo(b)fluoranthene	22.86	252	1975256	43.835	ng	99
89) Benzo(k)fluoranthene	22.90	252	1863464	41.539	ng	99
90) Benzo(a)pyrene	23.44	252	1897252	44.446	ng	100
91) Dibenzo(a,h)anthracene	25.82	278	2097982	49.607	ng	99
92) Benzo(g,h,i)perylene	26.51	276	2044939	51.938	ng	99

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

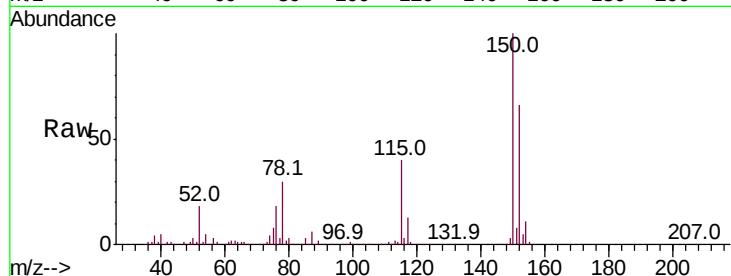


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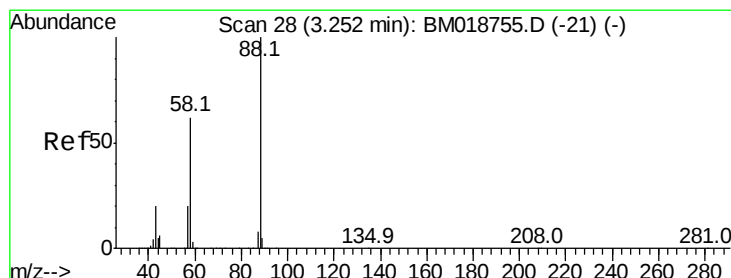
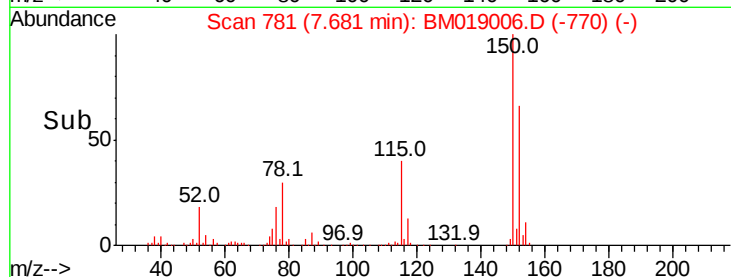
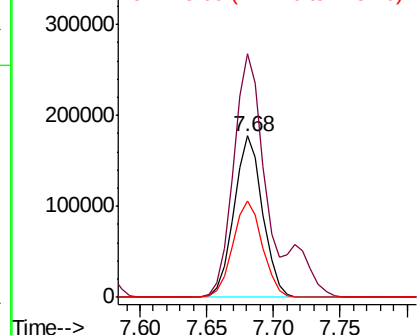
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 781
Delta R.T. -0.04 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:152 Resp: 266153
Ion Ratio Lower Upper
152 100
150 150.9 127.3 190.9
115 59.6 50.8 76.2



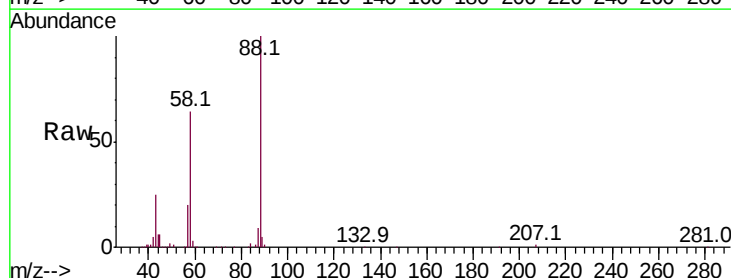
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



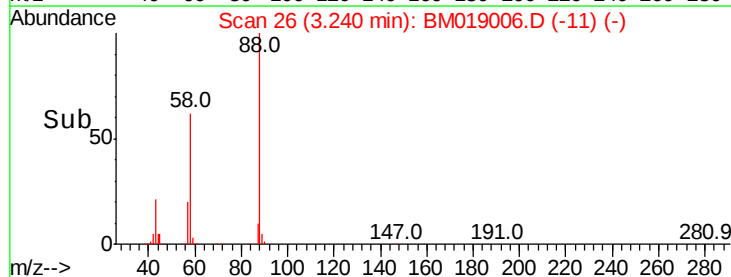
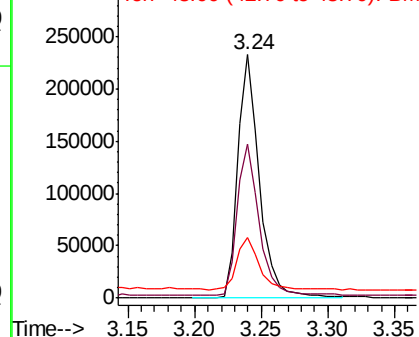
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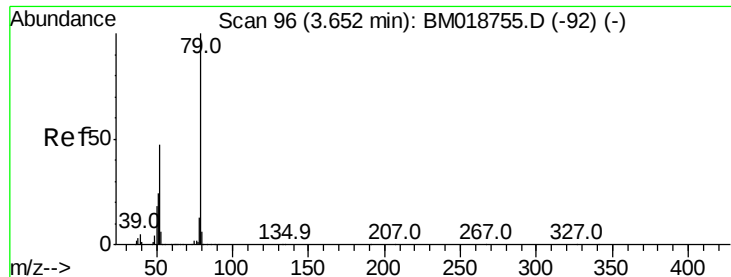
1,4-Dioxane
Concen: 36.874 ng
RT: 3.24 min Scan# 26
Delta R.T. -0.01 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion: 88 Resp: 260885
Ion Ratio Lower Upper
88 100
58 63.1 49.8 74.6
43 22.8 16.7 25.1



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





#3

Pvridine

Concen: 37.052 ng

RT: 3.63 min Scan# 93

Delta R.T. -0.02 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampleId :

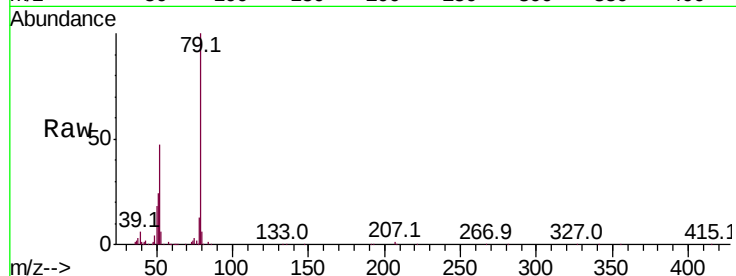
Tot Ion: 79 Resp: 715040

Ion Ratio Lower Upper

79 100

52 47.0 37.6 56.4

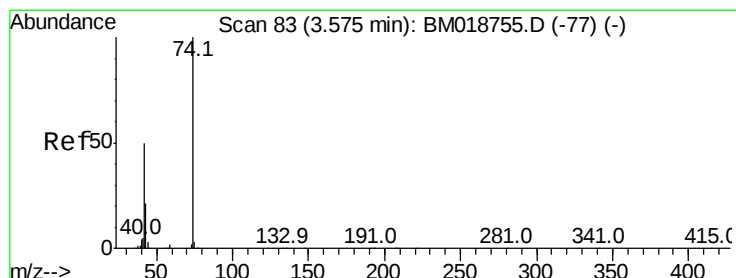
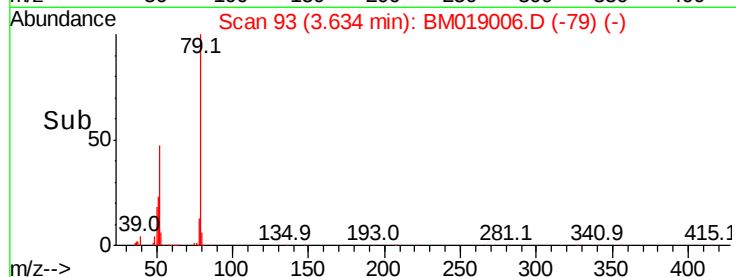
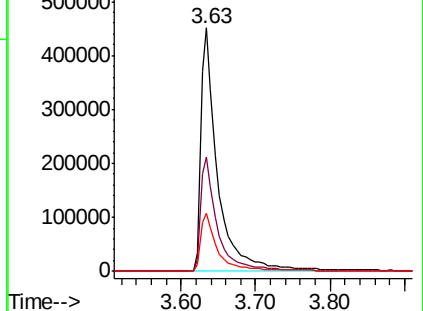
51 23.6 19.7 29.5



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: 46.738 ng

RT: 3.55 min Scan# 79

Delta R.T. -0.02 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

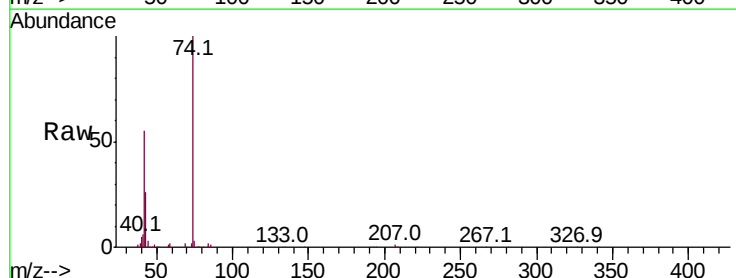
Tgt Ion: 42 Resp: 229457

Ion Ratio Lower Upper

42 100

74 182.2 158.1 237.1

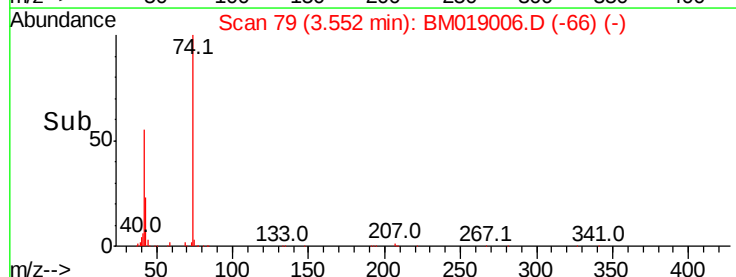
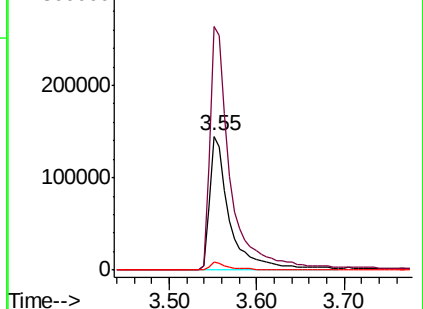
44 5.8 4.9 7.3

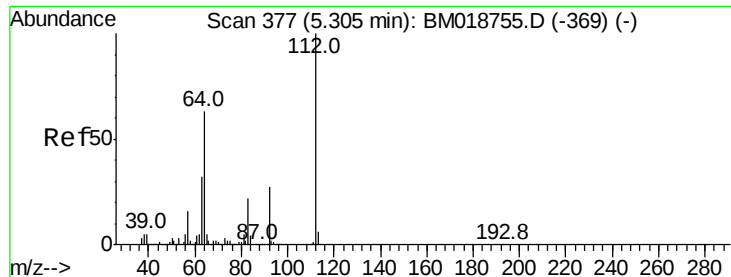


Abundance Ion 42.00 (41.70 to 42.70): BM018755.D (-77) (-)

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: 141.582 ng

RT: 5.28 min Scan# 373

Delta R.T. -0.02 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampleId :

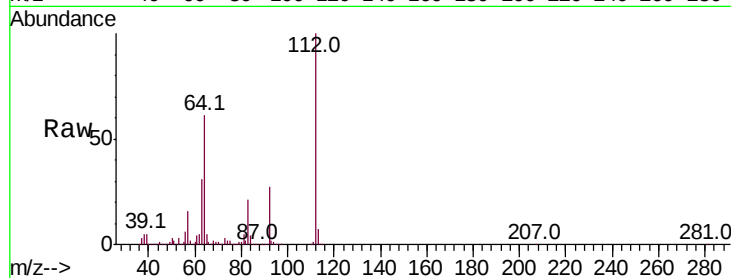
Tot Ion:112 Resp: 2299846

Ion Ratio Lower Upper

112 100

64 61.1 50.6 75.8

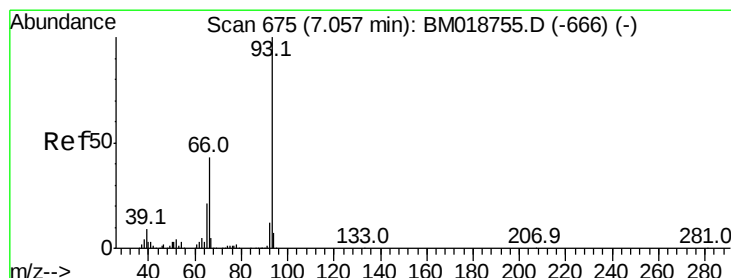
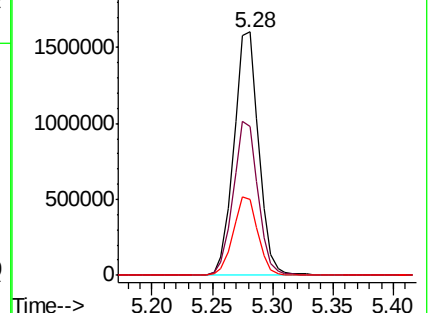
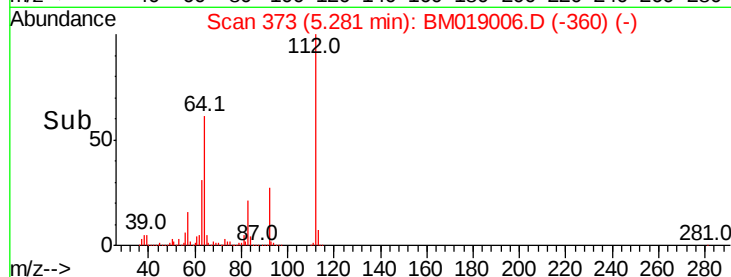
63 31.4 25.7 38.5



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: 34.882 ng

RT: 7.03 min Scan# 670

Delta R.T. -0.03 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

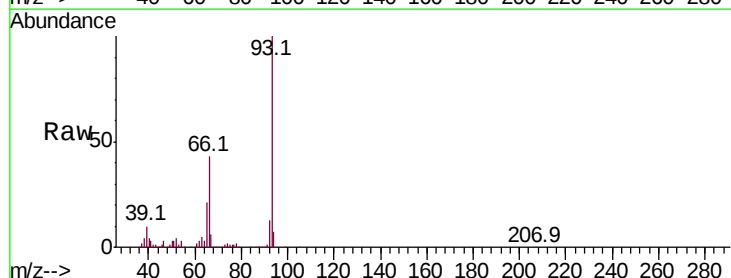
Tgt Ion: 93 Resp: 978033

Ion Ratio Lower Upper

93 100

66 42.7 34.1 51.1

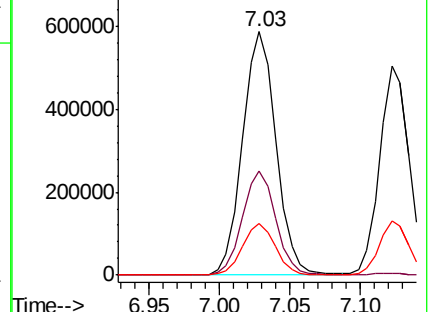
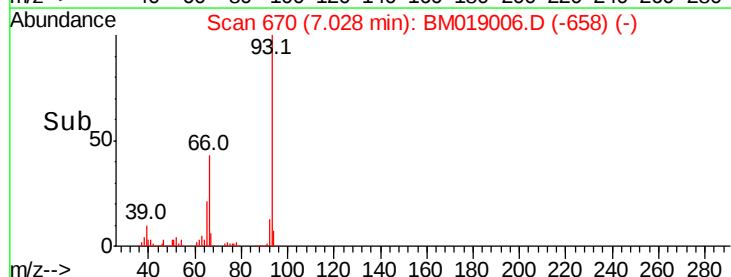
65 21.0 16.6 24.8

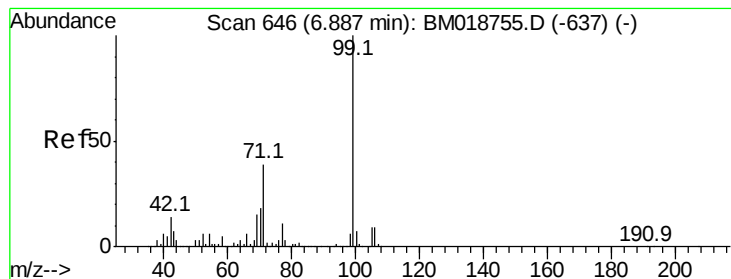


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 136.536 ng

RT: 6.86 min Scan# 642

Delta R.T. -0.02 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

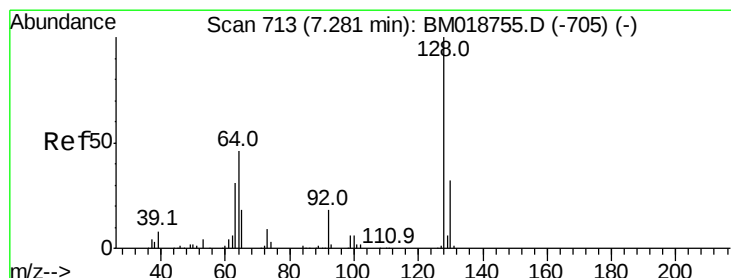
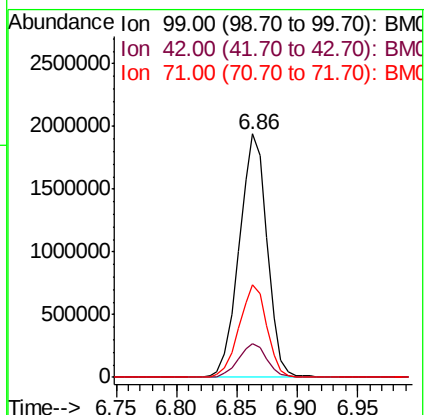
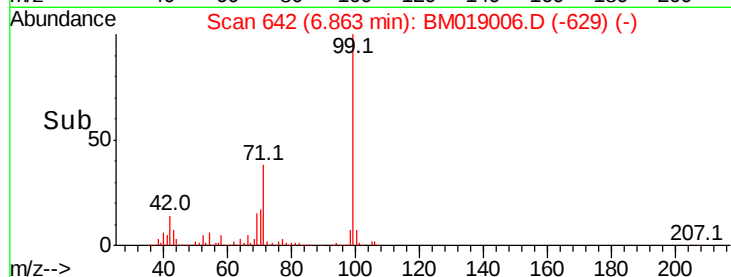
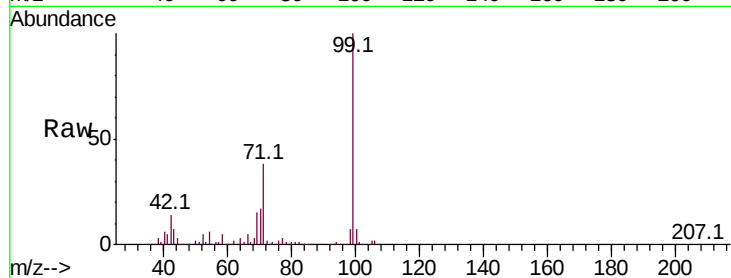
Instrument :

BNA_M

ClientSampled :

Tot Ion: 99 Resp: 3124462

Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.0	16.6
71	38.2	31.3	46.9



#8

2-Chlorophenol

Concen: 44.210 ng

RT: 7.25 min Scan# 708

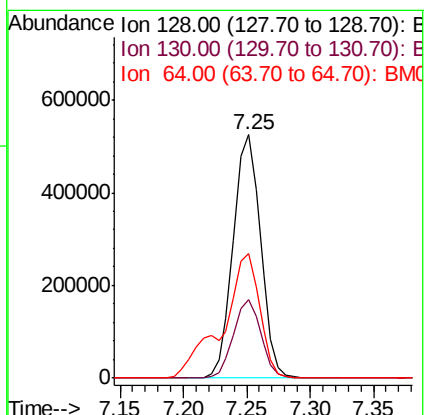
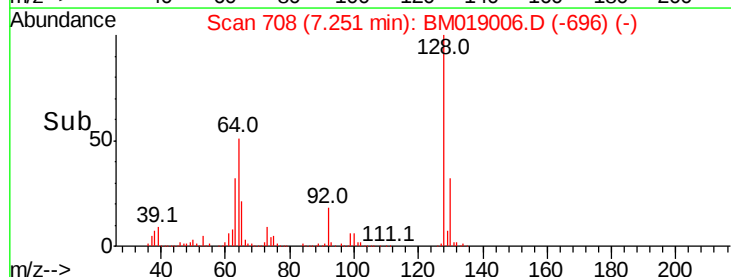
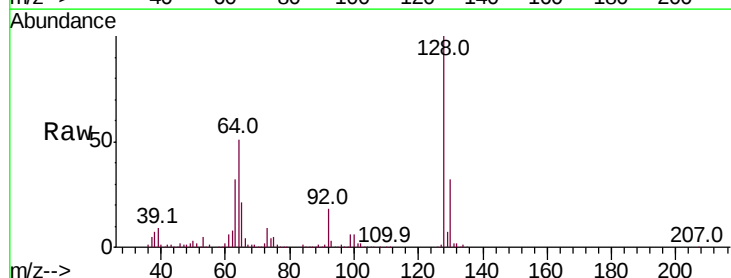
Delta R.T. -0.03 min

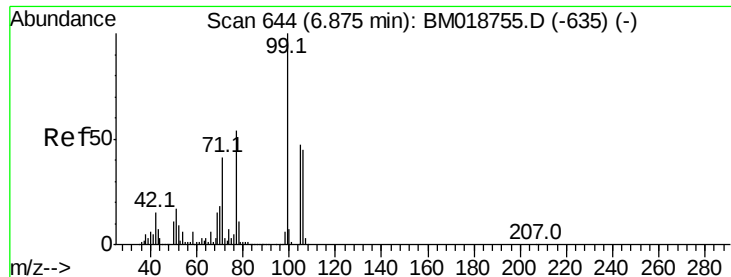
Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Tgt Ion: 128 Resp: 788468

Ion	Ratio	Lower	Upper
128	100		
130	32.4	11.7	51.7
64	51.2	31.0	71.0





#9

Benzaldehyde

Concen: 48.194 ng

RT: 6.84 min Scan# 638

Delta R.T. -0.04 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampled :

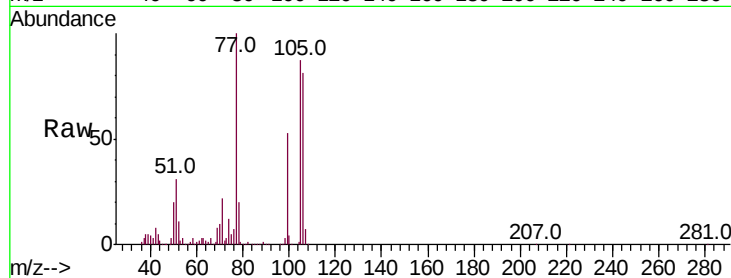
Tot Ion: 77 Resp: 571265

Ion Ratio Lower Upper

77 100

105 87.3 67.3 107.3

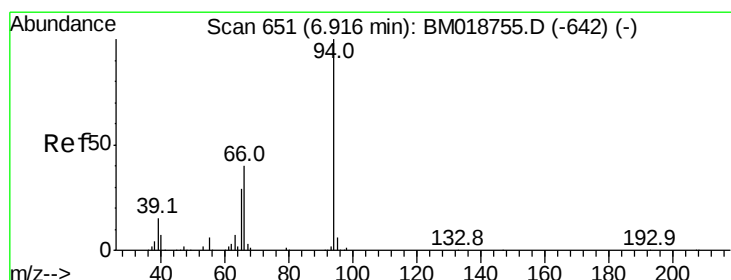
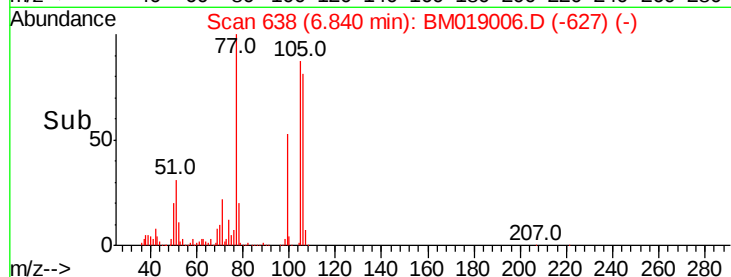
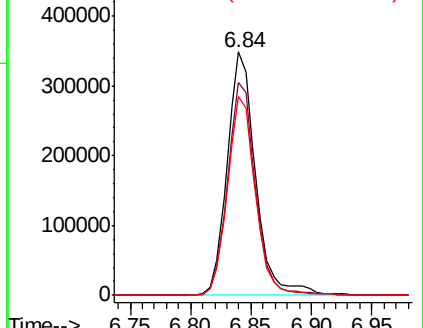
106 81.5 62.9 102.9



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: 43.273 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

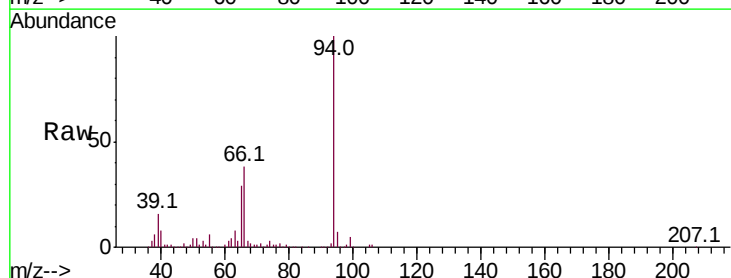
Tgt Ion: 94 Resp: 1041940

Ion Ratio Lower Upper

94 100

65 29.4 9.6 49.6

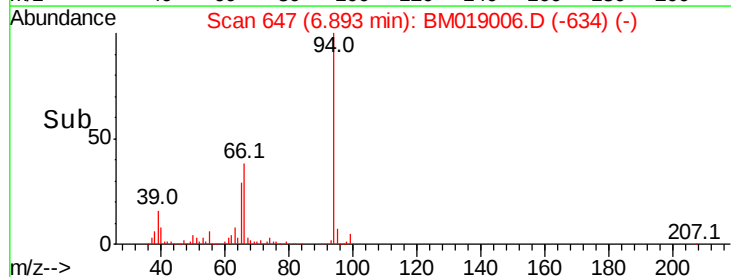
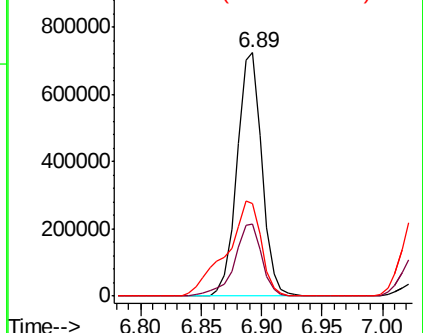
66 38.3 20.4 60.4

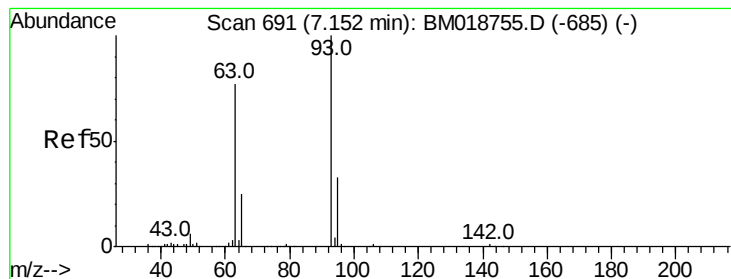


Abundance Ion 94.00 (93.70 to 94.70): BM018755.D (-642) (-)

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

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

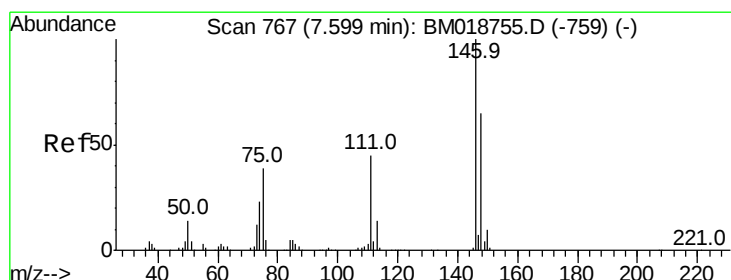
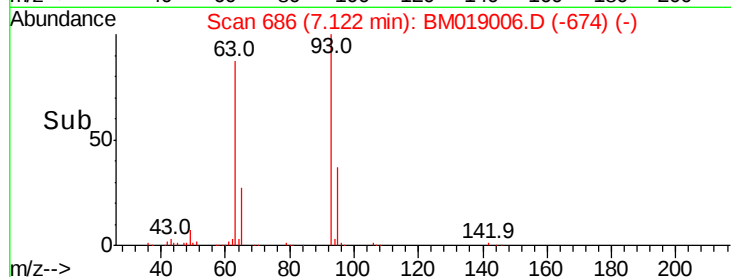
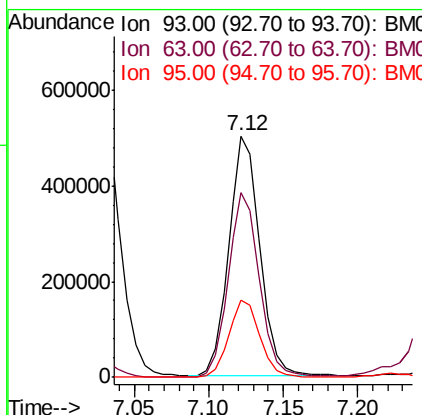
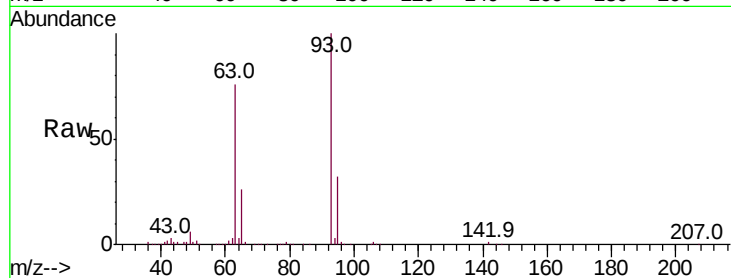




#11
bis(2-Chloroethyl)ether
Concen: 39.466 ng
RT: 7.12 min Scan# 686
Delta R.T. -0.03 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

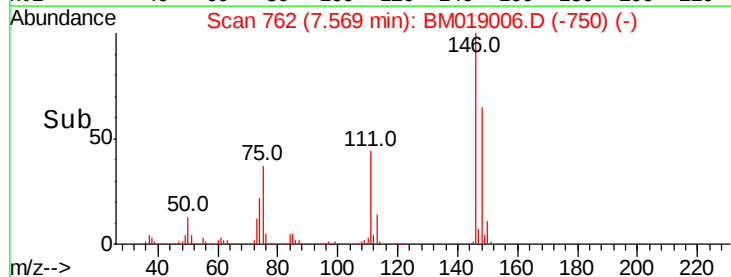
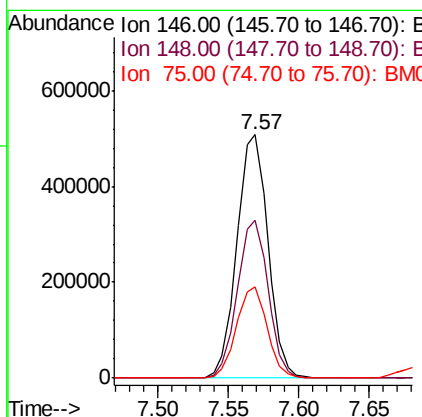
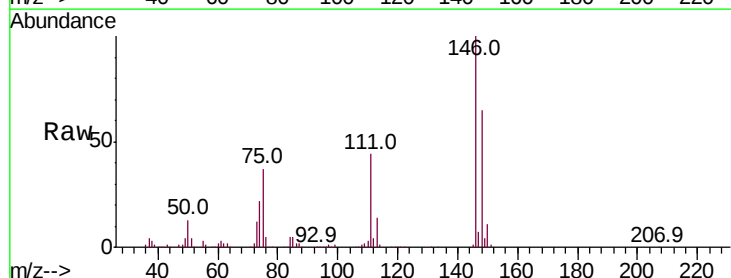
Instrument :
BNA_M
ClientSampleId :

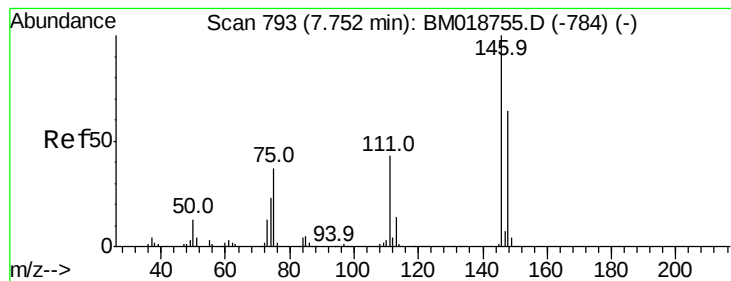
Tot Ion: 93 Resp: 724883
Ion Ratio Lower Upper
93 100
63 76.5 57.0 97.0
95 32.1 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 39.026 ng
RT: 7.57 min Scan# 762
Delta R.T. -0.03 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion: 146 Resp: 782629
Ion Ratio Lower Upper
146 100
148 65.0 51.7 77.5
75 37.4 31.3 46.9





#13

1,4-Dichlorobenzene

Concen: 39.360 ng

RT: 7.72 min Scan# 787

Delta R.T. -0.04 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampleId :

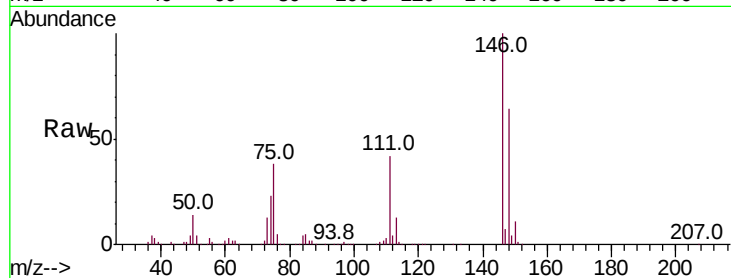
Tot Ion:146 Resp: 803561

Ion Ratio Lower Upper

146 100

148 63.6 51.4 77.2

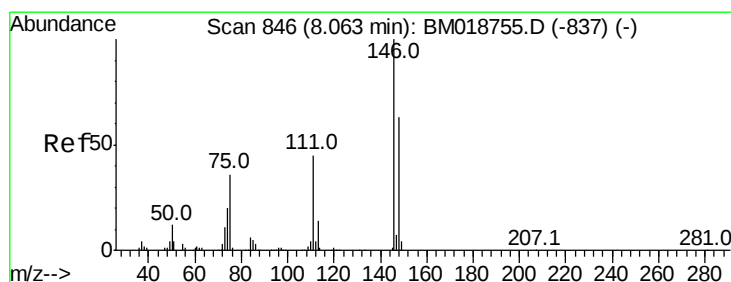
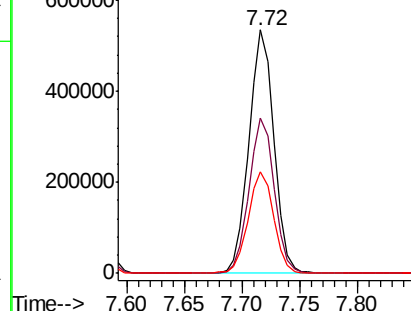
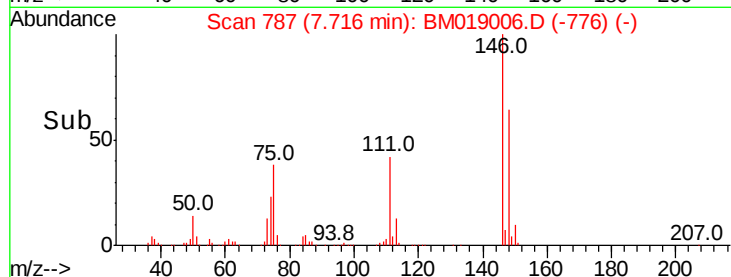
111 41.8 34.6 52.0



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.518 ng

RT: 8.03 min Scan# 840

Delta R.T. -0.04 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

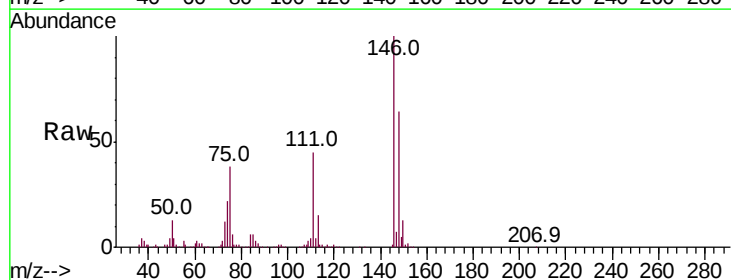
Tgt Ion:146 Resp: 774978

Ion Ratio Lower Upper

146 100

148 63.7 50.7 76.1

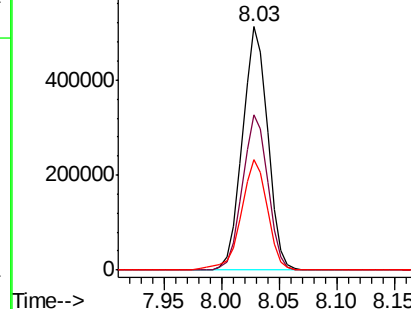
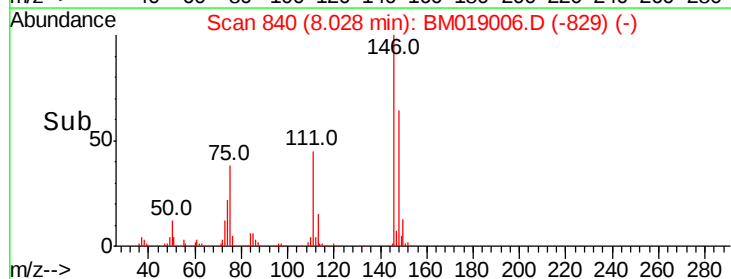
111 45.5 35.9 53.9

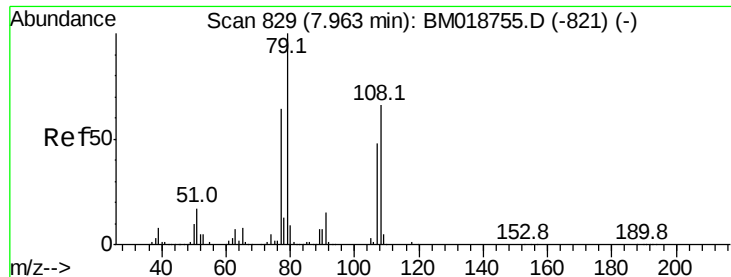


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.711 ng

RT: 7.93 min Scan# 824

Delta R.T. -0.03 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampleId :

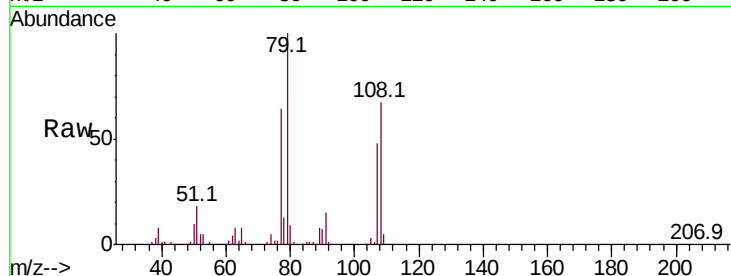
Tot Ion: 79 Resp: 740254

Ion Ratio Lower Upper

79 100

108 66.8 52.7 79.1

77 63.7 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) (-)

7.93

400000

300000

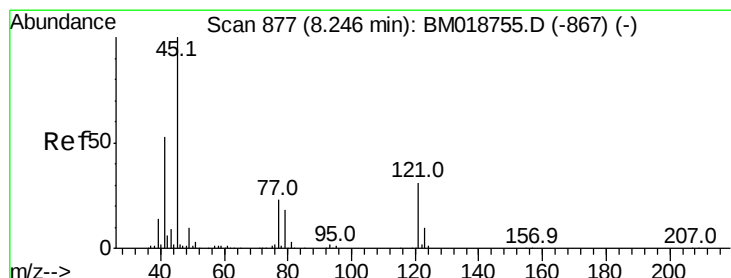
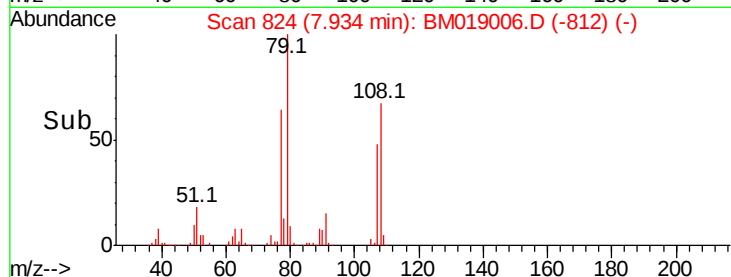
200000

100000

0

7.85 7.90 7.95 8.00

Time-->



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.115 ng

RT: 8.21 min Scan# 871

Delta R.T. -0.04 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

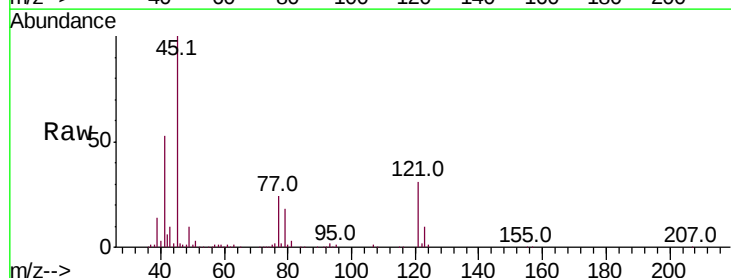
Tgt Ion: 45 Resp: 713120

Ion Ratio Lower Upper

45 100

77 24.0 5.0 45.0

79 18.0 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) (-)

8.21

300000

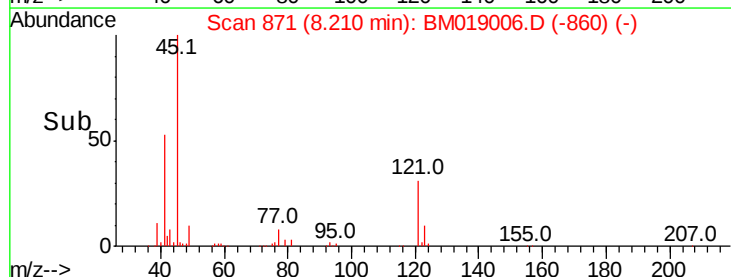
200000

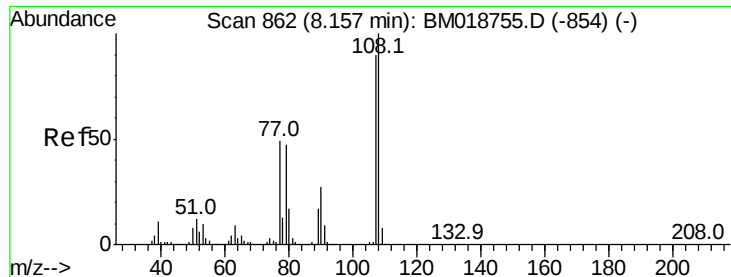
100000

0

8.15 8.20 8.25

Time-->

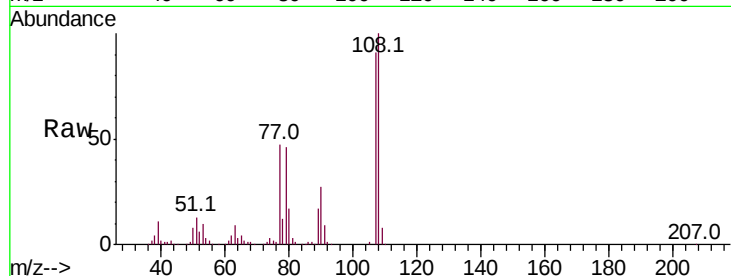




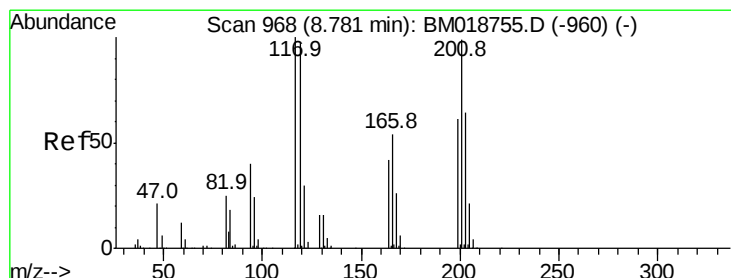
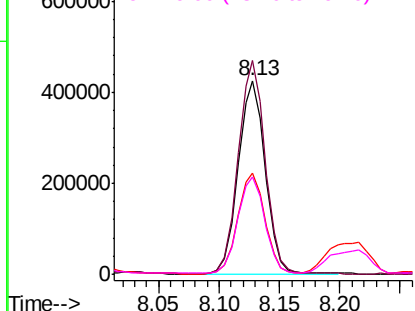
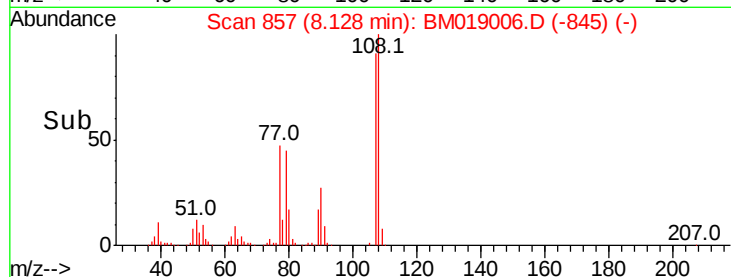
#17
2-Methylphenol
Concen: 43.379 ng
RT: 8.13 min Scan# 857
Delta R.T. -0.03 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:107 Resp: 664783
Ion Ratio Lower Upper
107 100
108 110.2 88.8 133.2
77 52.1 44.0 66.0
79 50.2 42.4 63.6

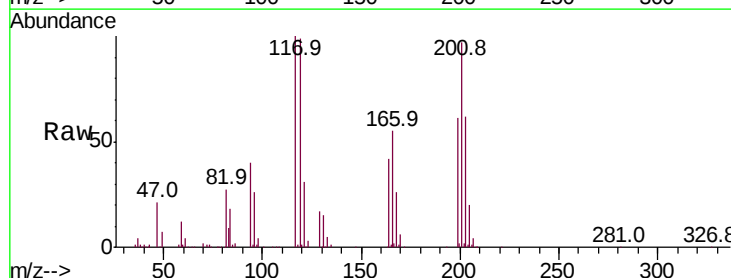


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BM0
Ion 79.00 (78.70 to 79.70): BM0

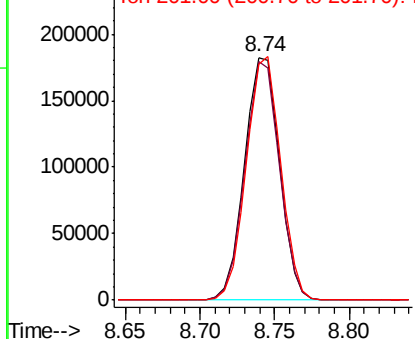
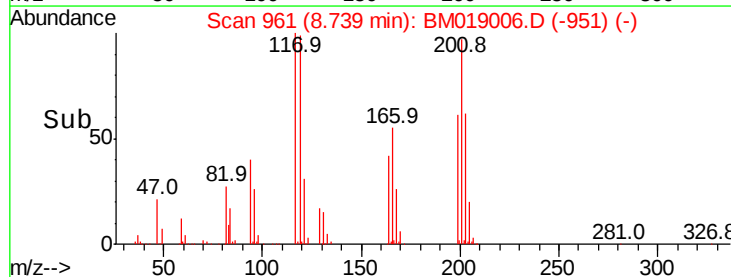


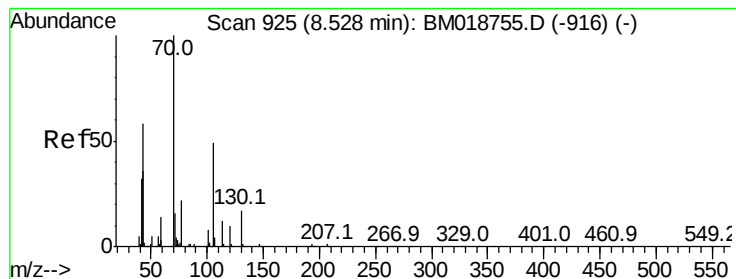
#18
Hexachloroethane
Concen: 39.615 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.04 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion:117 Resp: 295234
Ion Ratio Lower Upper
117 100
119 98.5 77.9 116.9
201 97.2 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: 38.367 ng

RT: 8.49 min Scan# 919

Delta R.T. -0.04 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampleId :

Tot Ion: 70 Resp: 679793

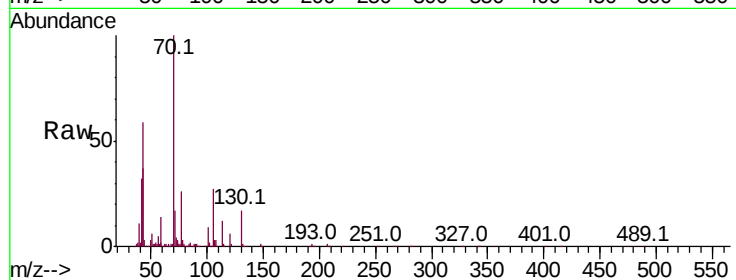
Ion Ratio Lower Upper

70 100

42 37.2 29.4 44.0

101 8.6 6.7 10.1

130 17.2 14.0 21.0

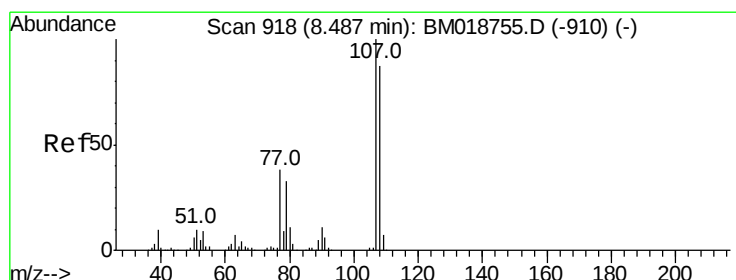
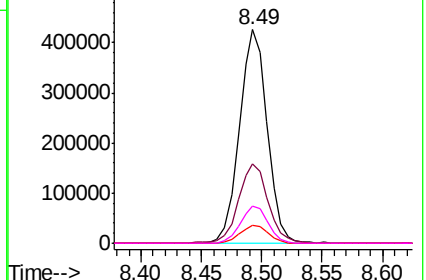
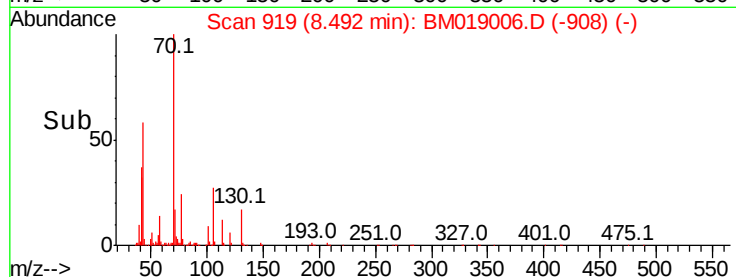


Abundance Ion 70.00 (69.70 to 70.70): BM018755.D (-916) (-)

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

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

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



#20

3+4-Methylphenols

Concen: 42.082 ng

RT: 8.46 min Scan# 913

Delta R.T. -0.03 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Tgt Ion: 107 Resp: 890530

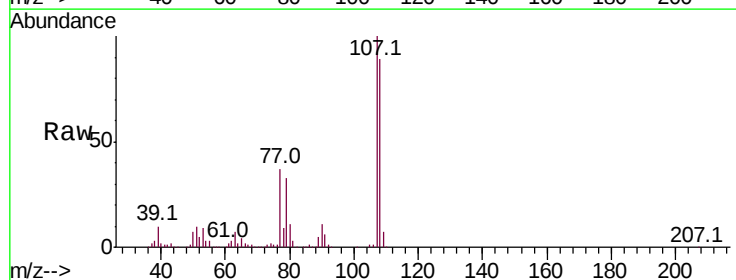
Ion Ratio Lower Upper

107 100

108 88.7 67.3 107.3

77 37.3 18.0 58.0

79 32.7 12.8 52.8

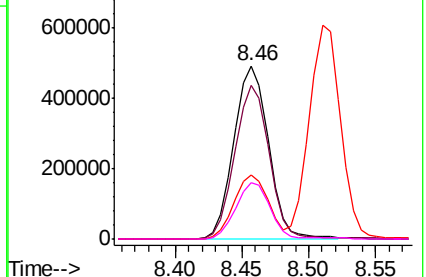
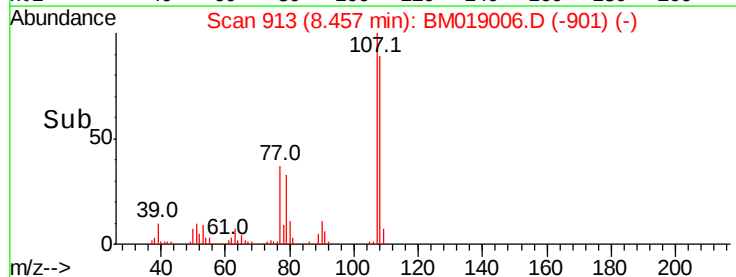


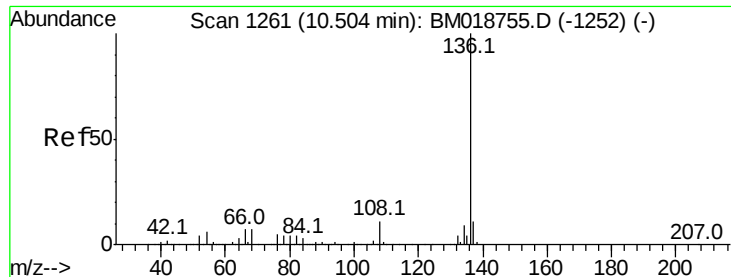
Abundance Ion 107.00 (106.70 to 107.70): BM018755.D (-910) (-)

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

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

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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.47 min Scan# 1255

Delta R.T. -0.04 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 1084187

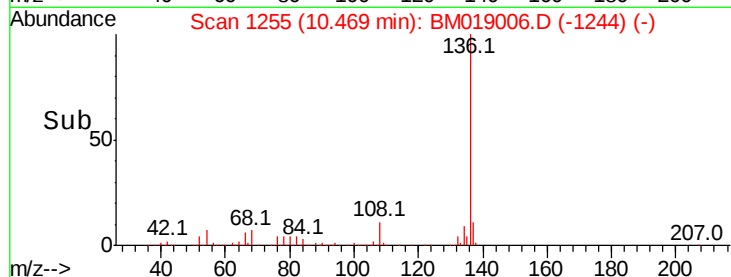
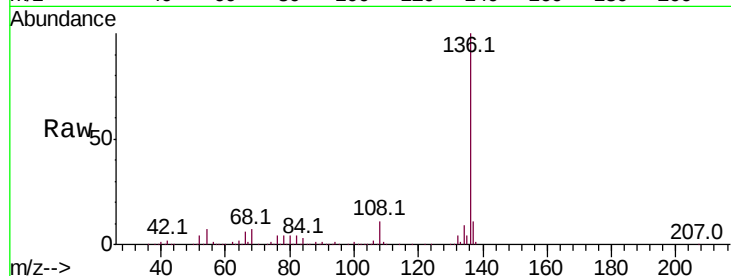
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	6.7	5.0	7.6
68	7.0	5.5	8.3

136 100

137 10.7 8.8 13.2

54 6.7 5.0 7.6

68 7.0 5.5 8.3

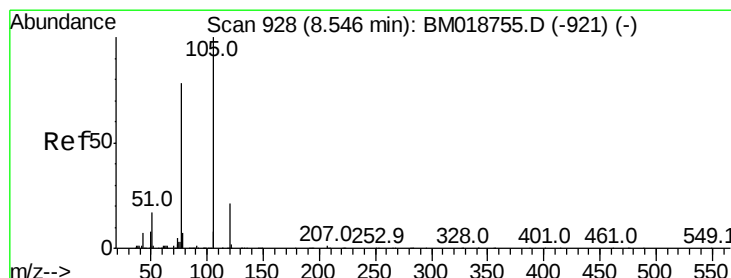
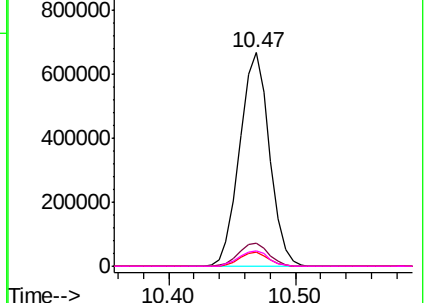


Abundance Ion 136.00 (135.70 to 136.70): E

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: 37.799 ng

RT: 8.51 min Scan# 922

Delta R.T. -0.04 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Tgt Ion:105 Resp: 1125415

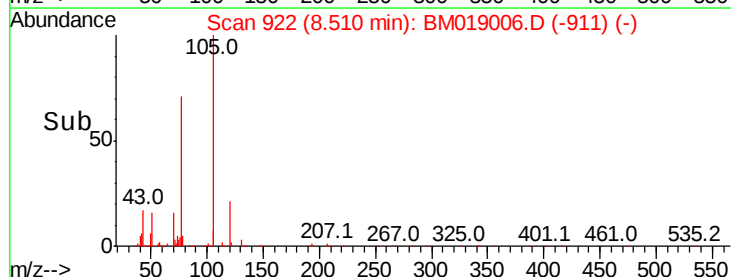
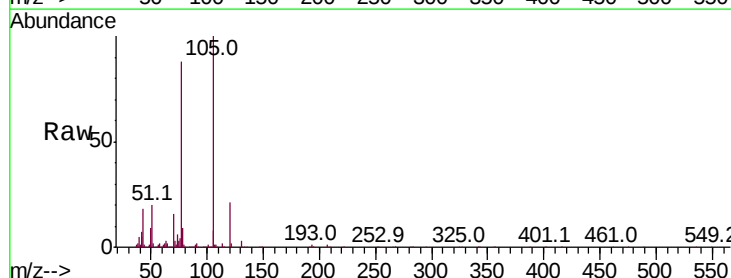
Ion	Ratio	Lower	Upper
105	100		
71	2.7	1.1	1.7#
51	20.5	15.5	23.3
120	21.2	17.0	25.4

105 100

71 2.7 1.1 1.7#

51 20.5 15.5 23.3

120 21.2 17.0 25.4

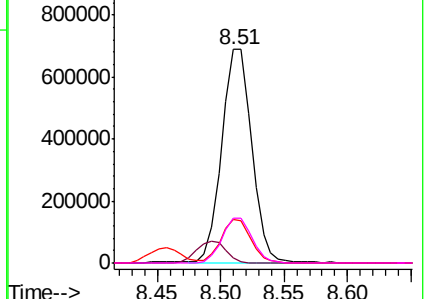


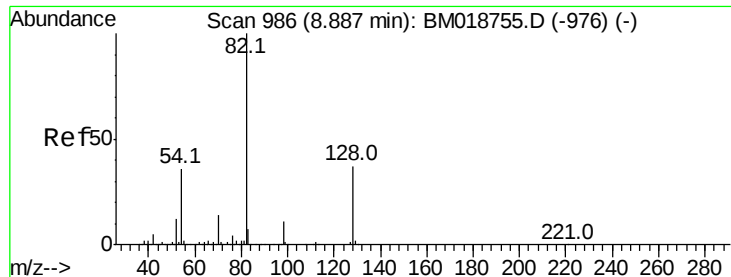
Abundance Ion 105.00 (104.70 to 105.70): E

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

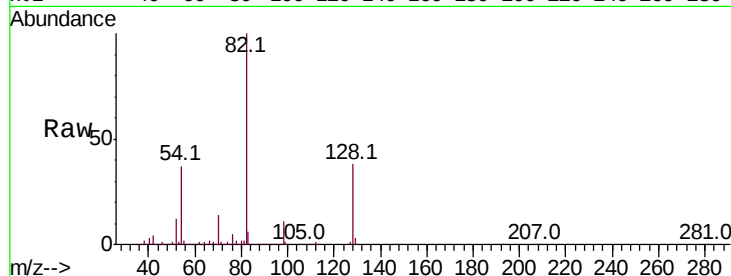




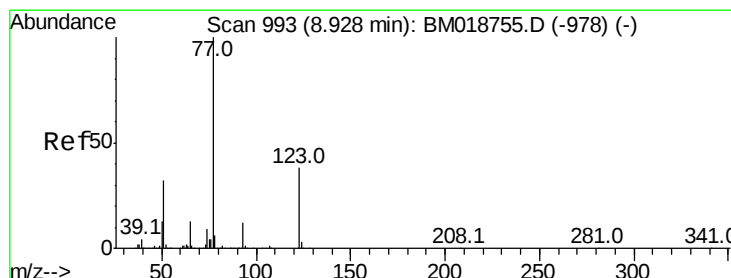
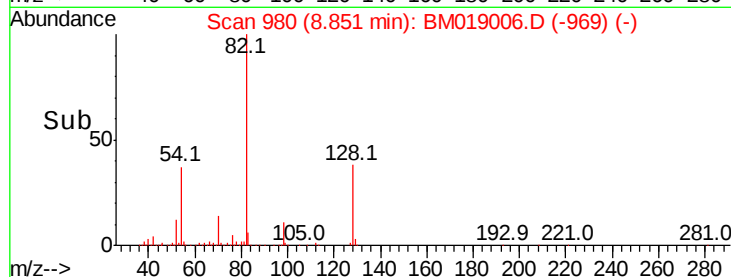
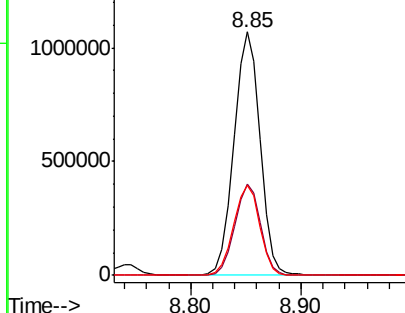
#23
Nitrobenzene-d5
Concen: 76.001 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.04 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampled :

Tot Ion: 82 Resp: 1782043
Ion Ratio Lower Upper
82 100
128 37.7 29.9 44.9
54 37.1 29.1 43.7

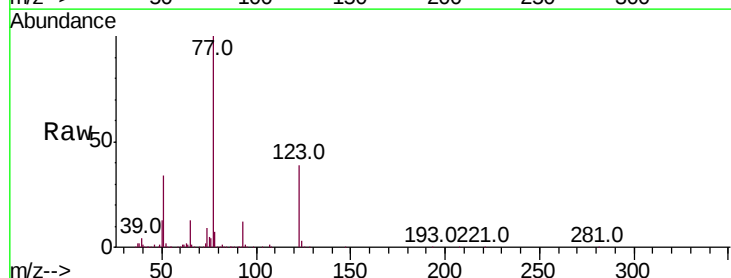


Abundance Ion 82.00 (81.70 to 82.70): BM018755.D (-976) (-)
Ion 128.00 (127.70 to 128.70): BM018755.D (-976) (-)
Ion 54.00 (53.70 to 54.70): BM018755.D (-976) (-)

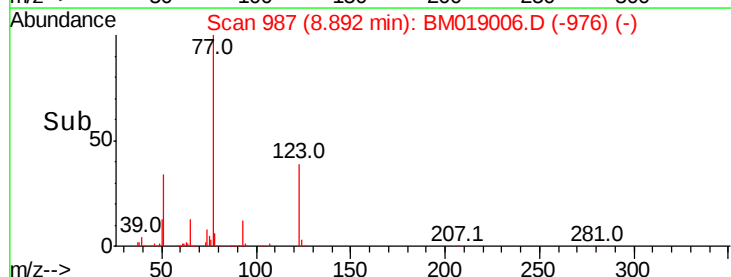
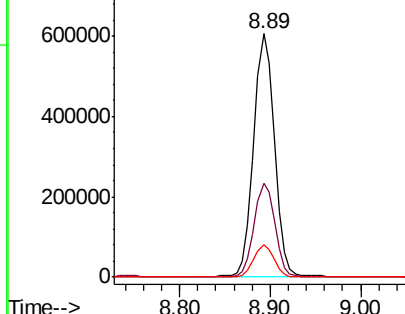


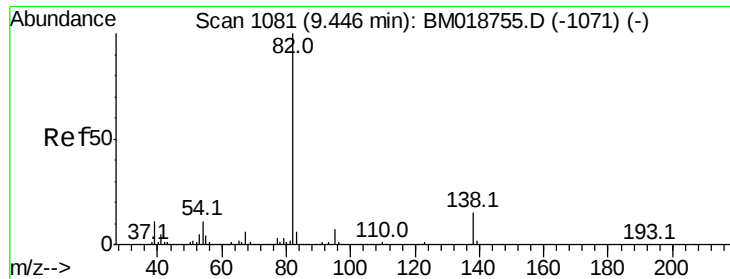
#24
Nitrobenzene
Concen: 39.847 ng
RT: 8.89 min Scan# 987
Delta R.T. -0.04 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion: 77 Resp: 969824
Ion Ratio Lower Upper
77 100
123 38.6 30.7 46.1
65 13.1 10.5 15.7



Abundance Ion 77.00 (76.70 to 77.70): BM018755.D (-978) (-)
Ion 123.00 (122.70 to 123.70): BM018755.D (-978) (-)
Ion 65.00 (64.70 to 65.70): BM018755.D (-978) (-)





#25

Isophorone

Concen: 44.534 ng

RT: 9.41 min Scan# 1075

Delta R.T. -0.04 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampleId :

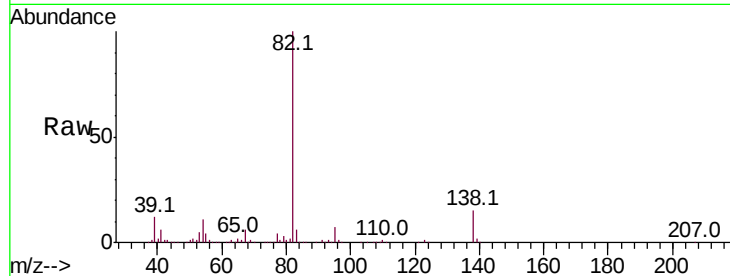
Tot Ion: 82 Resp: 1666135

Ion Ratio Lower Upper

82 100

95 6.8 5.7 8.5

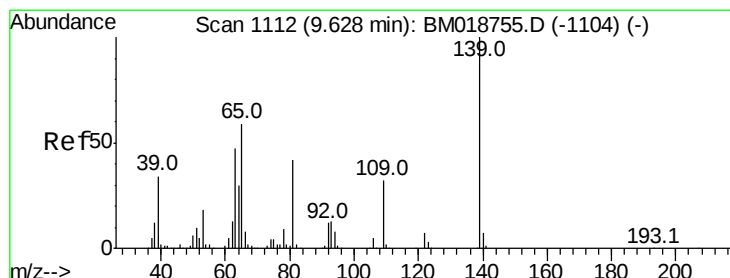
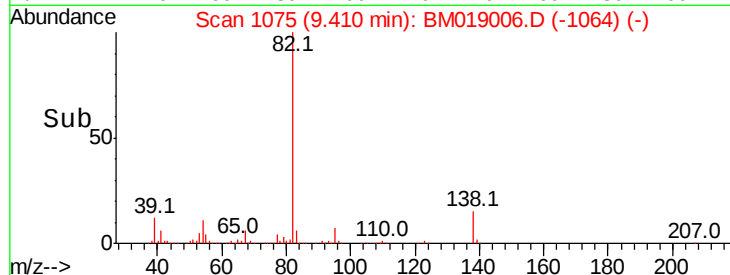
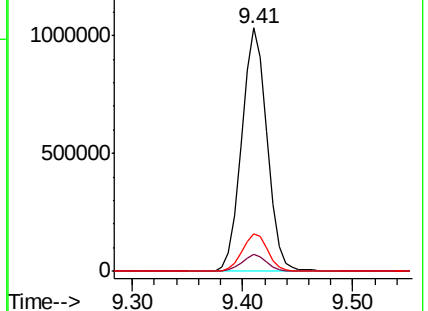
138 15.4 12.3 18.5



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: 42.296 ng

RT: 9.59 min Scan# 1106

Delta R.T. -0.04 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

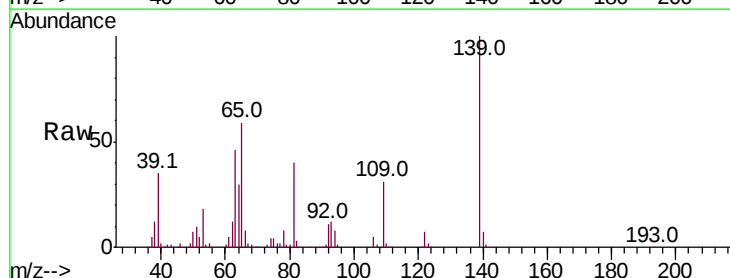
Tgt Ion: 139 Resp: 409953

Ion Ratio Lower Upper

139 100

109 30.7 25.2 37.8

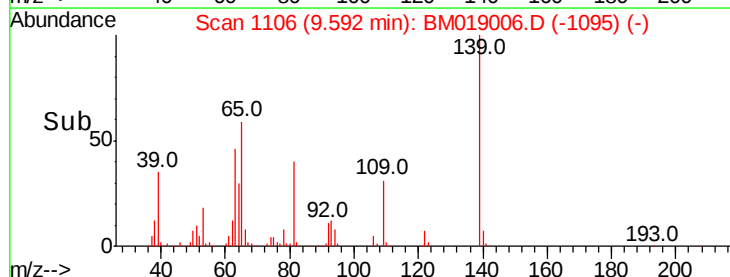
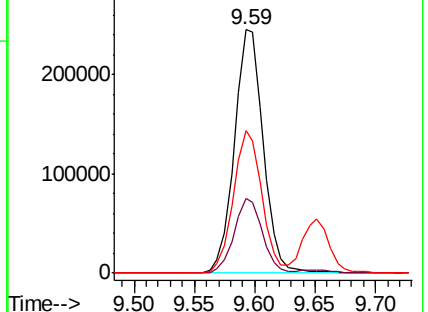
65 58.5 47.0 70.4

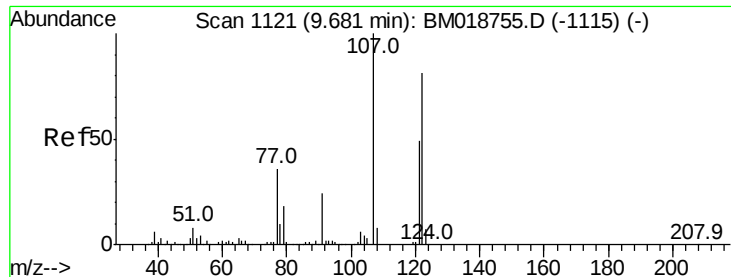


Abundance Ion 139.00 (138.70 to 139.70): BM018755.D (-1104) (-)

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

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

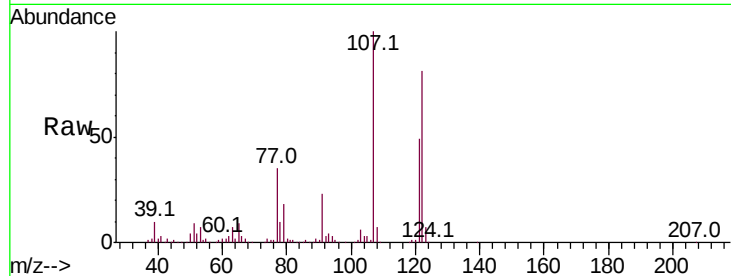




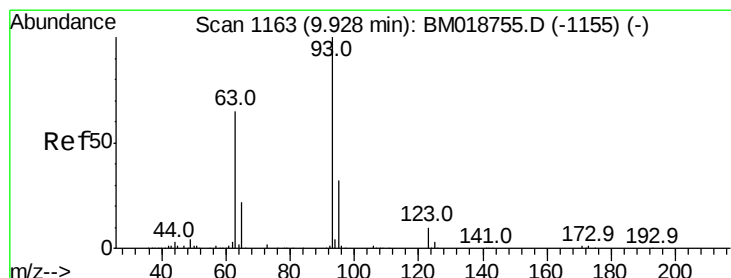
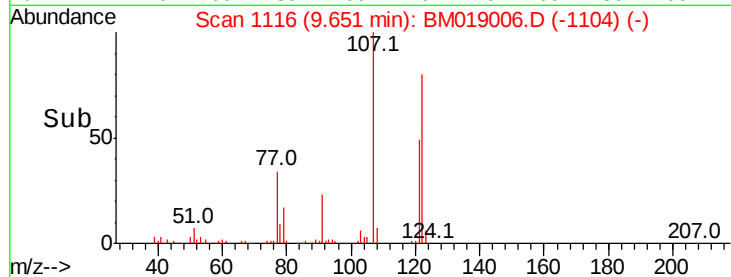
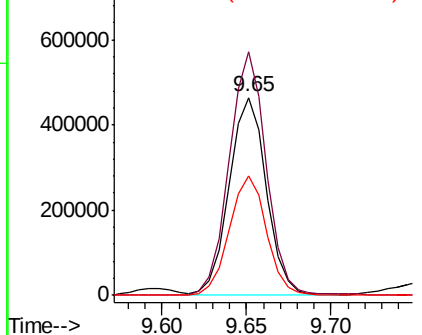
#27
2,4-Dimethylphenol
Concen: 49.831 ng
RT: 9.65 min Scan# 1116
Delta R.T. -0.03 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampled :

Tot Ion:122 Resp: 705438
Ion Ratio Lower Upper
122 100
107 122.9 97.6 146.4
121 60.3 47.9 71.9

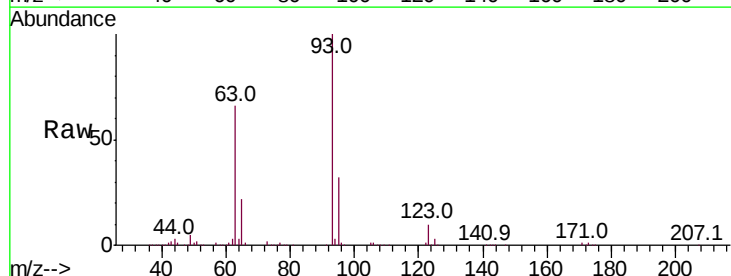


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

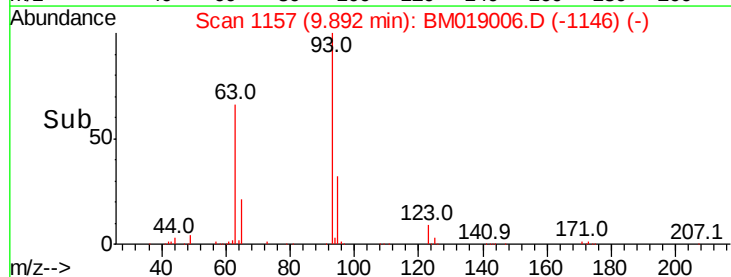
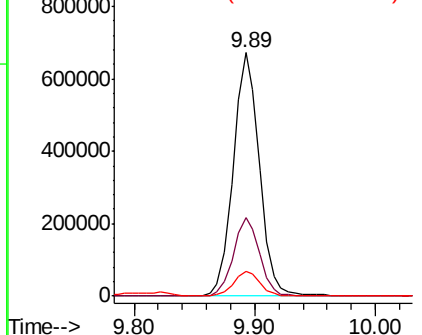


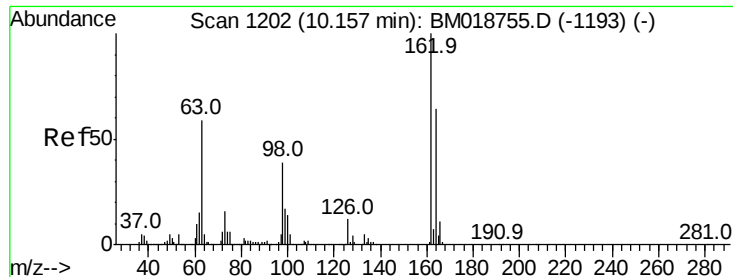
#28
bis(2-Chloroethoxy)methane
Concen: 41.893 ng
RT: 9.89 min Scan# 1157
Delta R.T. -0.04 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion: 93 Resp: 1013543
Ion Ratio Lower Upper
93 100
95 32.4 25.6 38.4
123 10.4 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

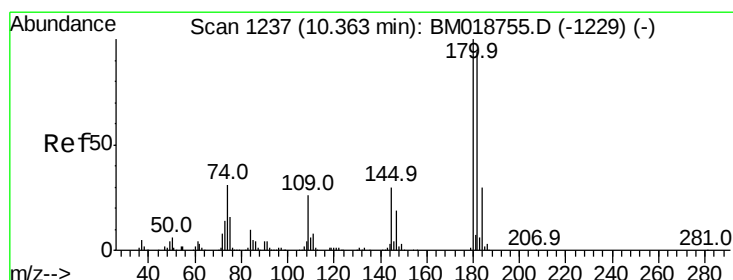
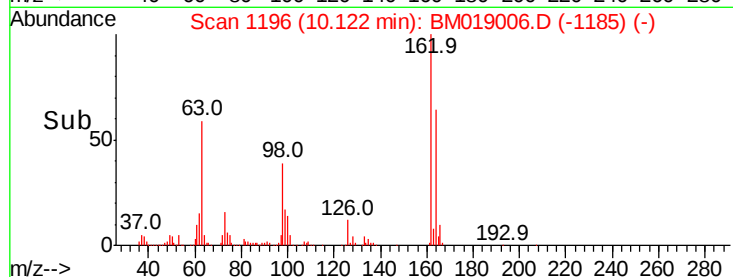
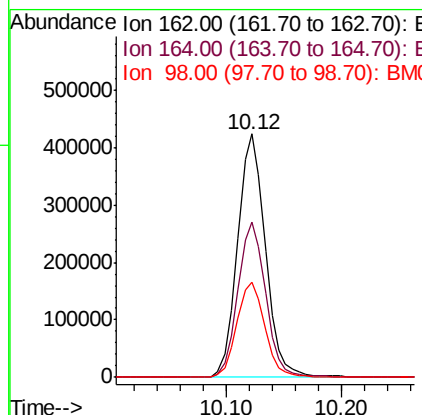
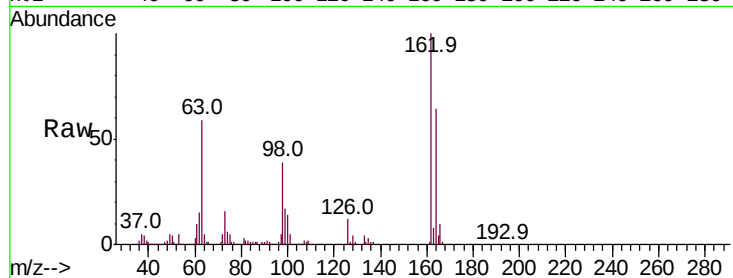




#29
2,4-Dichlorophenol
Concen: 43.656 ng
RT: 10.12 min Scan# 1196
Delta R.T. -0.04 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

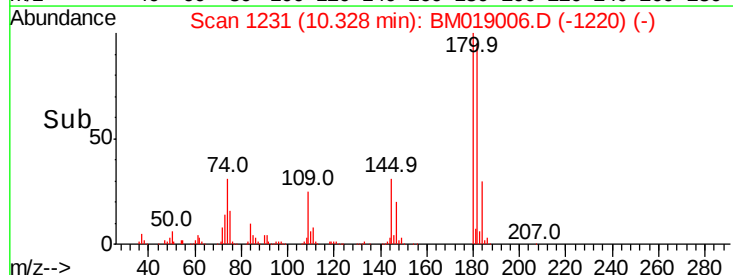
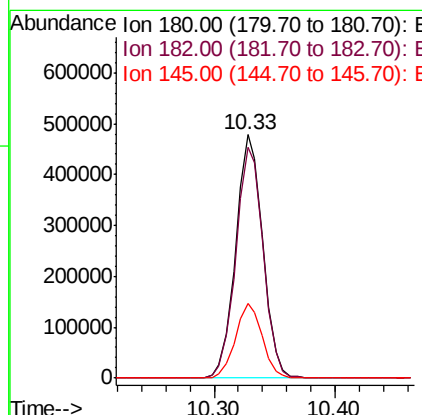
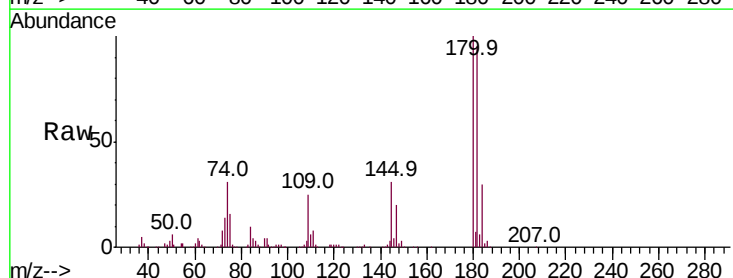
Instrument :
BNA_M
ClientSampled :

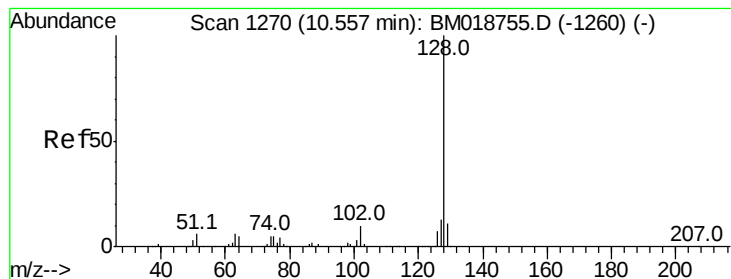
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.1	84.1
98	39.0	19.4	59.4



#30
1,2,4-Trichlorobenzene
Concen: 39.819 ng
RT: 10.33 min Scan# 1231
Delta R.T. -0.04 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.6	75.0	112.6
145	30.7	24.1	36.1





#31

Naphthalene

Concen: 42.714 ng

RT: 10.52 min Scan# 1263

Delta R.T. -0.04 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampleId :

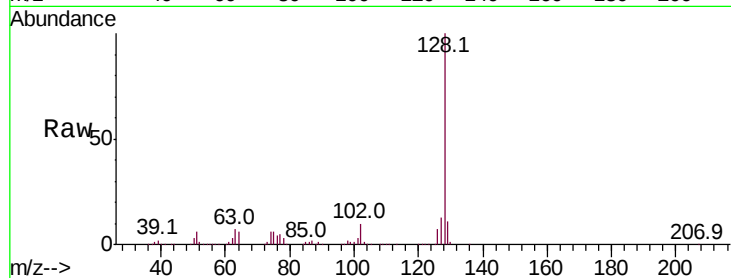
Tot Ion:128 Resp: 2258589

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.4

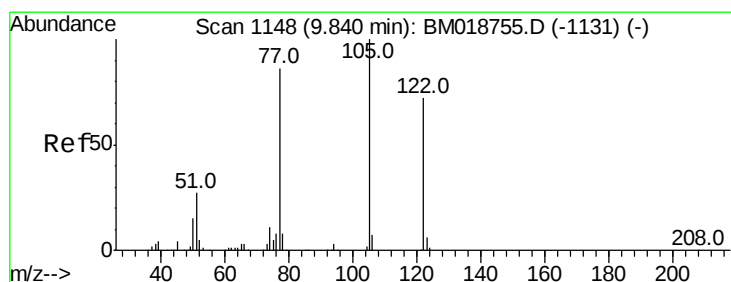
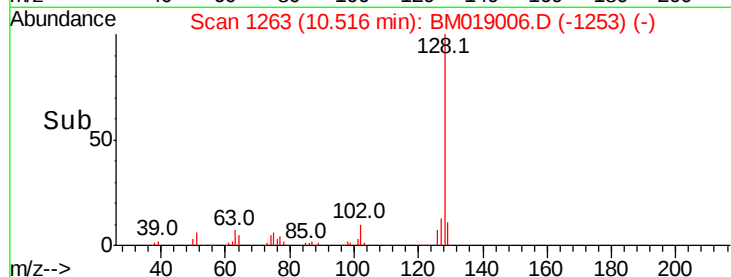
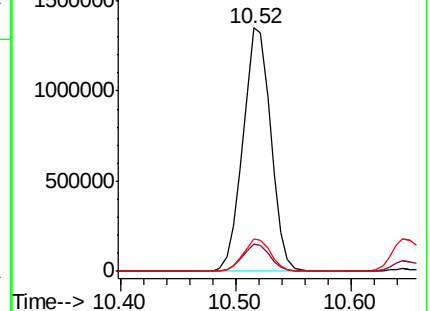
127 13.3 10.7 16.1



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: 35.518 ng

RT: 9.82 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

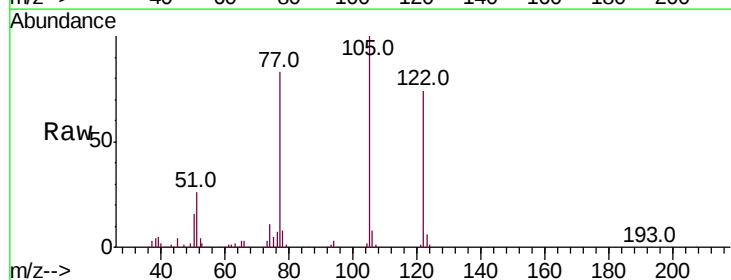
Tgt Ion:122 Resp: 438614

Ion Ratio Lower Upper

122 100

105 135.3 117.5 157.5

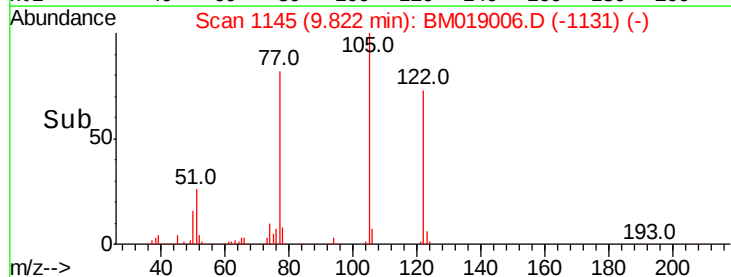
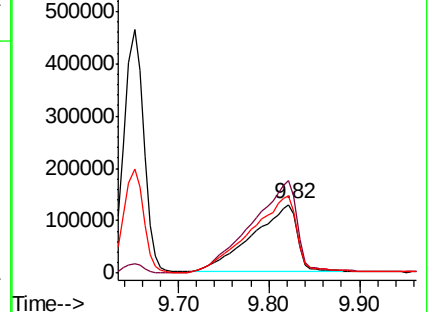
77 112.2 98.5 138.5

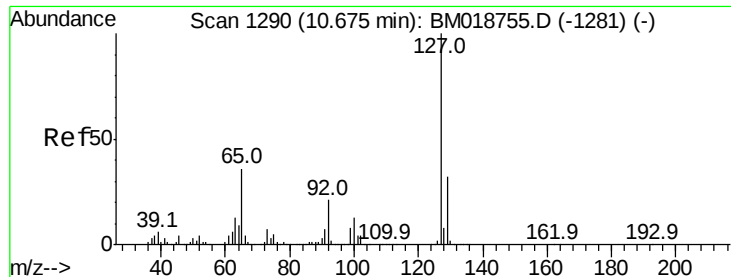


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E

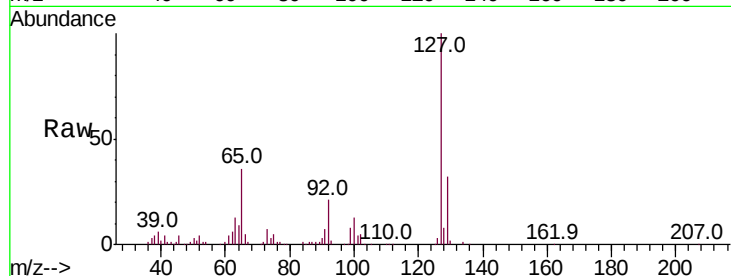




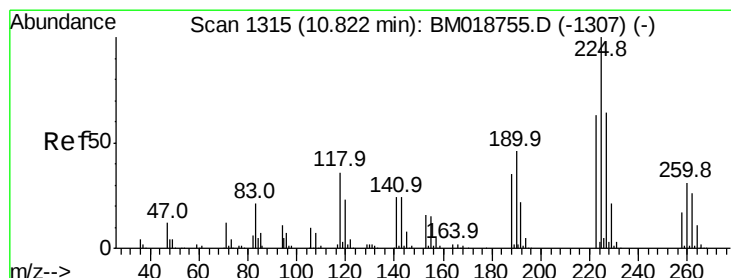
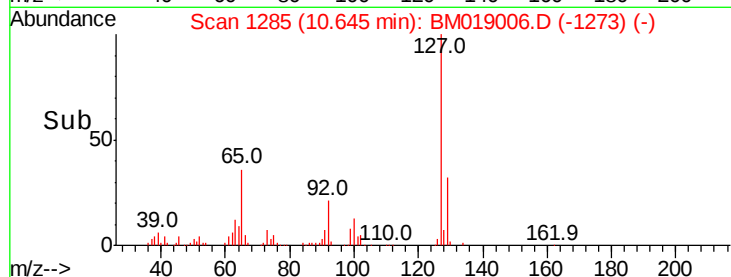
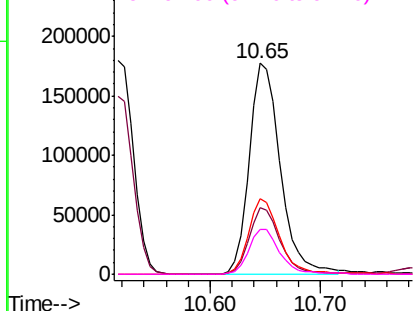
#33
4-Chloroaniline
Concen: 14.892 ng
RT: 10.65 min Scan# 1285
Delta R.T. -0.03 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampled :

Tot Ion:	127	Resp:	351986
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.7	38.5
65	35.9	28.7	43.1
92	21.4	17.0	25.4

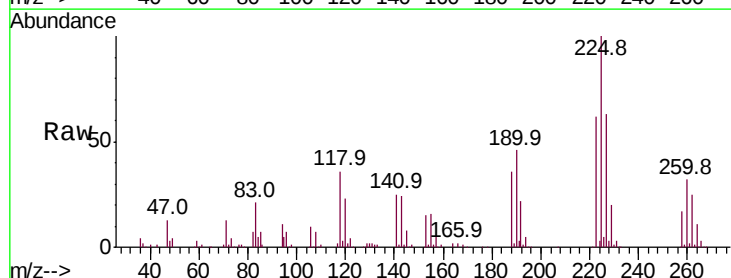


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

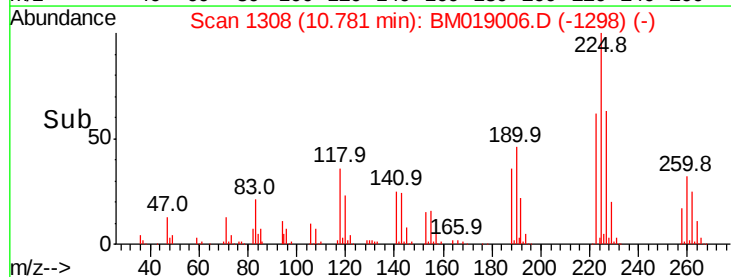
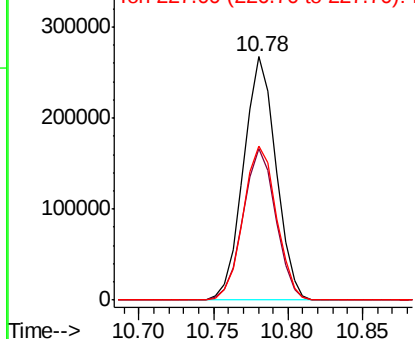


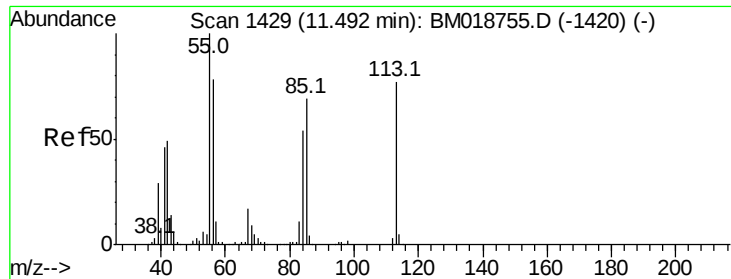
#34
Hexachlorobutadiene
Concen: 36.973 ng
RT: 10.78 min Scan# 1308
Delta R.T. -0.04 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion:	225	Resp:	402866
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.1	75.1
227	63.1	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

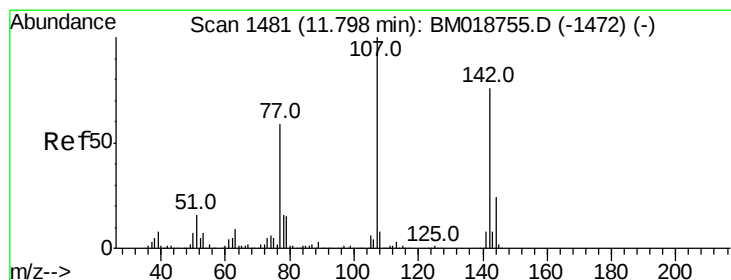
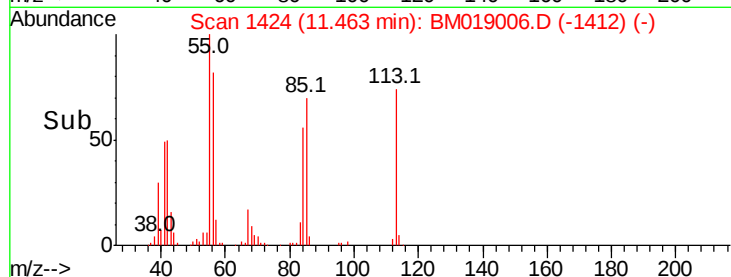
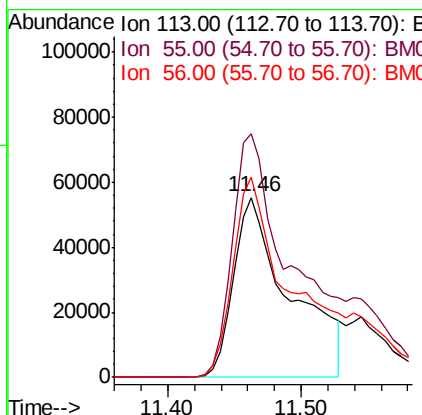
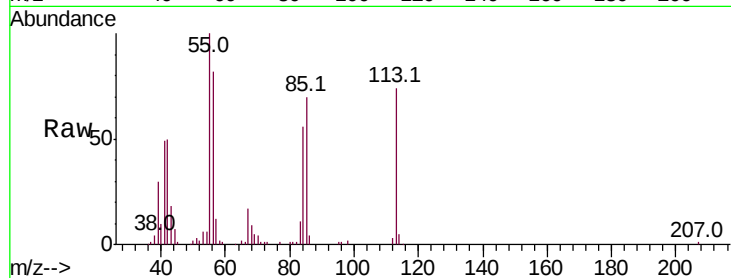




#35
 Caprolactam
 Concen: 24.464 ng
 RT: 11.46 min Scan# 1424
 Delta R.T. -0.03 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

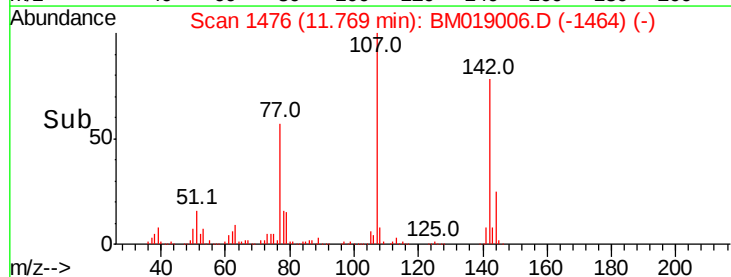
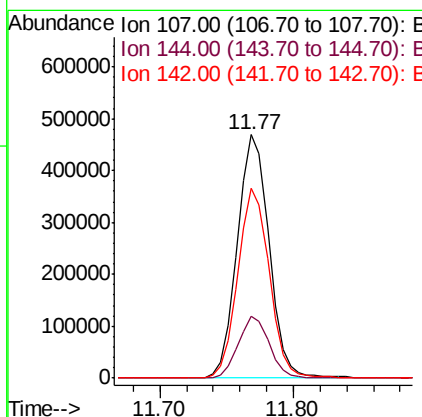
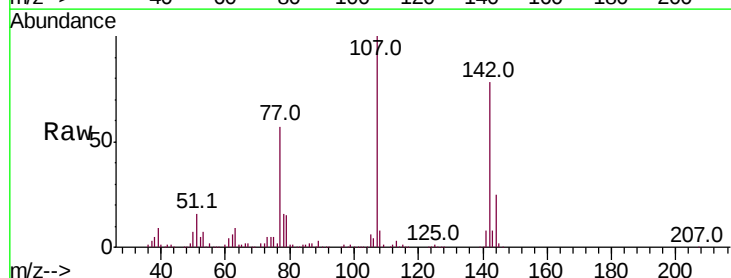
Instrument :
 BNA_M
 ClientSampleId :

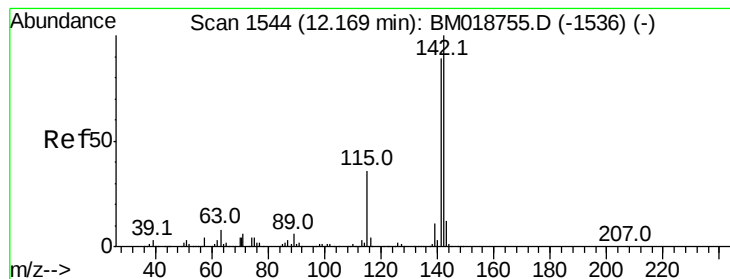
Tot Ion:113 Resp: 162296
 Ion Ratio Lower Upper
 113 100
 55 135.2 110.7 150.7
 56 111.2 82.4 122.4



#36
 4-Chloro-3-methylphenol
 Concen: 39.598 ng
 RT: 11.77 min Scan# 1476
 Delta R.T. -0.03 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Tgt Ion:107 Resp: 776054
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.3 28.9
 142 78.0 60.5 90.7





#37

2-Methylnaphthalene

Concen: 44.074 ng

RT: 12.14 min Scan# 1539

Delta R.T. -0.03 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampled :

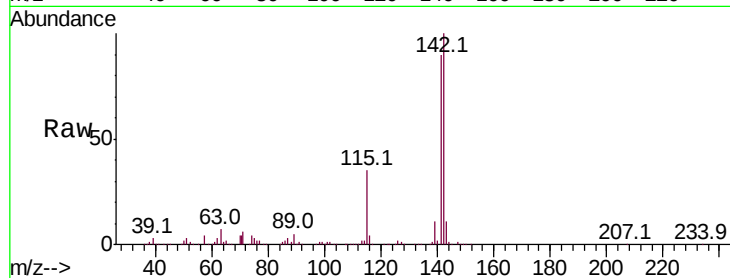
Tot Ion:142 Resp: 1640800

Ion Ratio Lower Upper

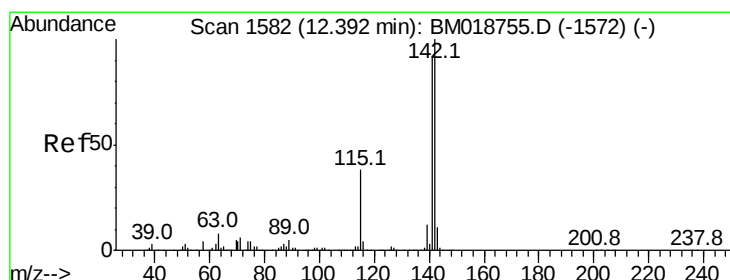
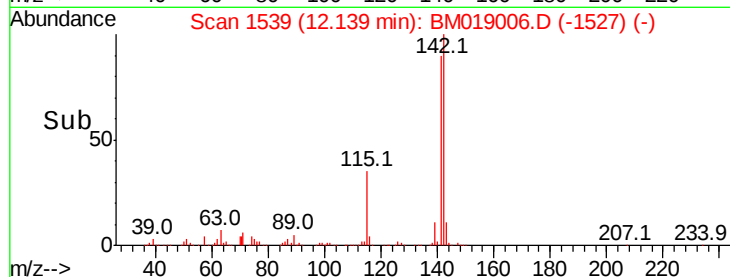
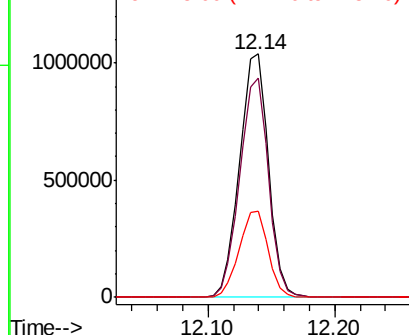
142 100

141 90.0 71.2 106.8

115 35.2 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: 42.800 ng

RT: 12.36 min Scan# 1576

Delta R.T. -0.04 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

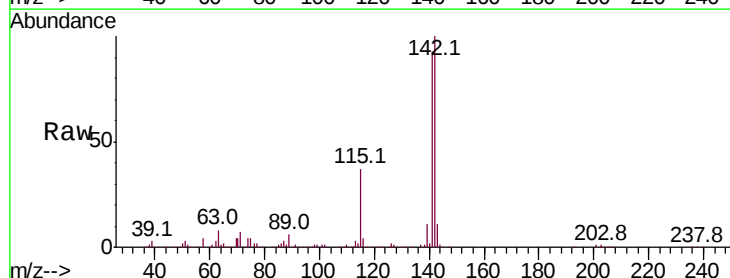
Tgt Ion:142 Resp: 1558112

Ion Ratio Lower Upper

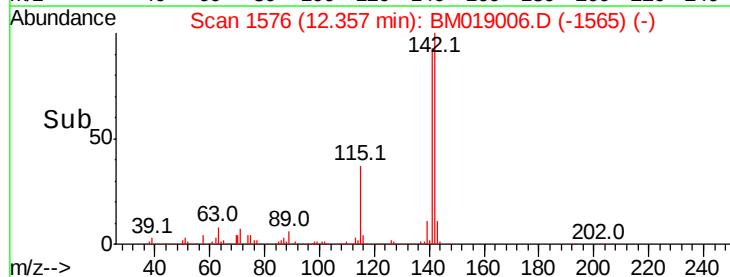
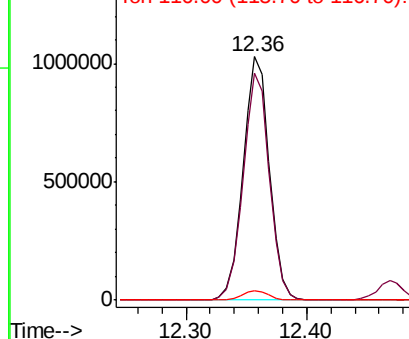
142 100

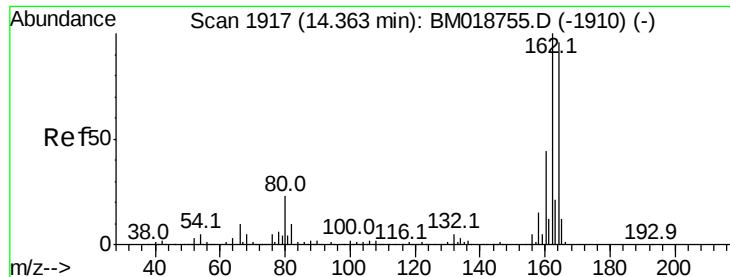
141 93.1 73.9 110.9

116 3.8 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: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampled :

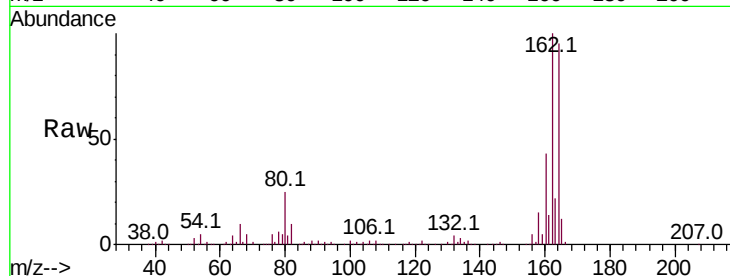
Tot Ion:164 Resp: 591364

Ion Ratio Lower Upper

164 100

162 105.3 83.4 125.0

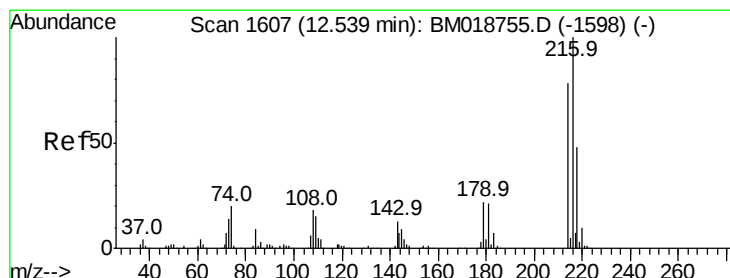
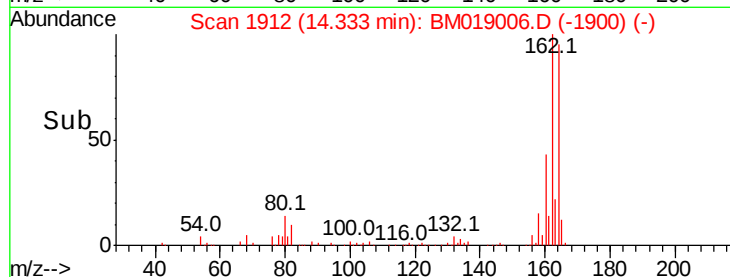
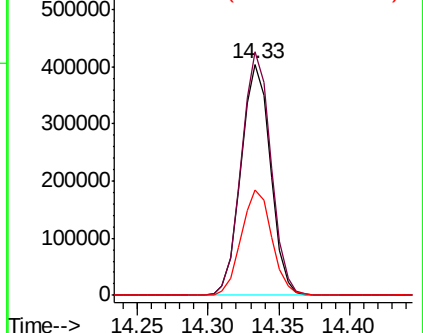
160 45.7 36.6 55.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.050 ng

RT: 12.50 min Scan# 1601

Delta R.T. -0.04 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Tgt Ion:216 Resp: 776542

Ion Ratio Lower Upper

216 100

214 78.7 63.2 94.8

179 22.7 17.8 26.8

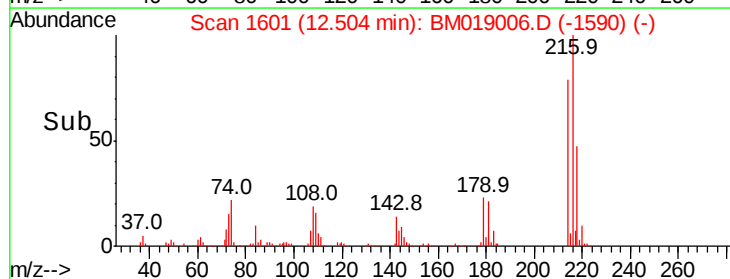
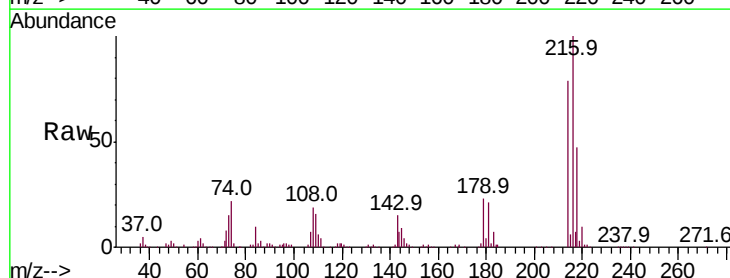
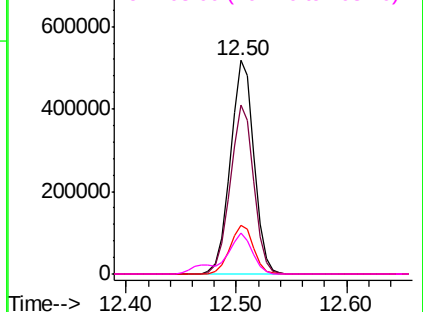
108 18.7 16.4 24.6

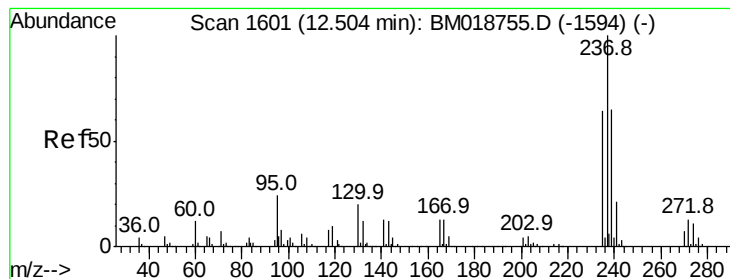
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 98.971 ng

RT: 12.47 min Scan# 1595

Delta R.T. -0.04 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampleId :

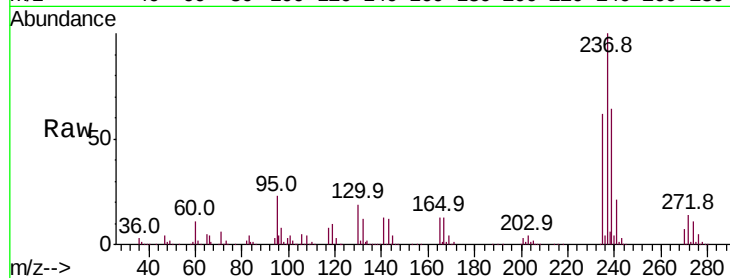
Tot Ion:237 Resp: 957232

Ion Ratio Lower Upper

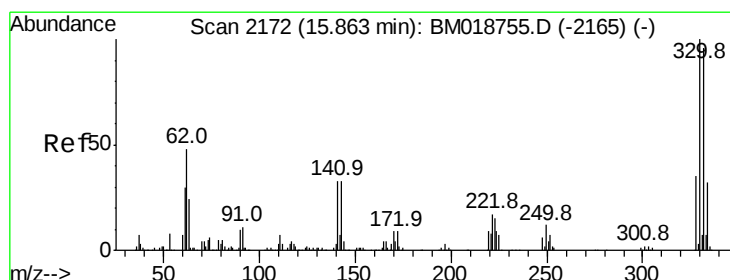
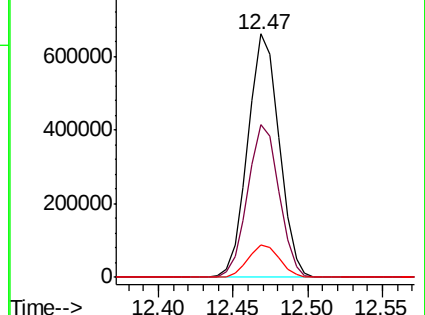
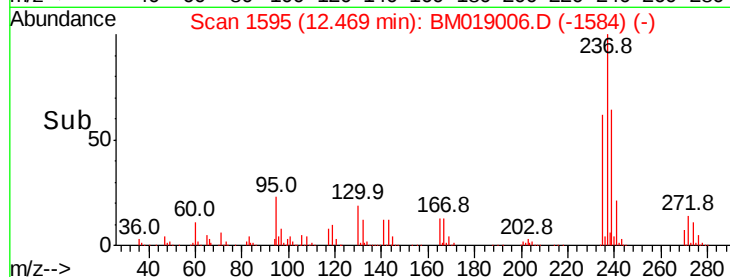
237 100

235 62.5 43.7 83.7

272 13.6 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: 127.467 ng

RT: 15.83 min Scan# 2167

Delta R.T. -0.03 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

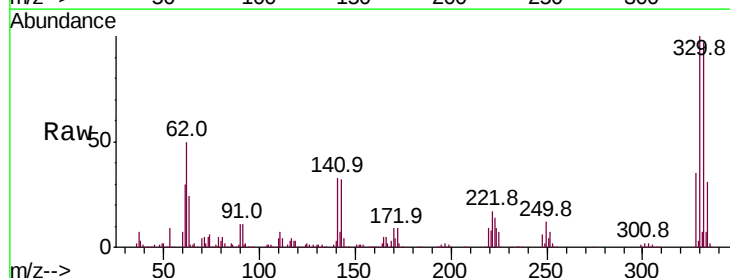
Tgt Ion:330 Resp: 1086577

Ion Ratio Lower Upper

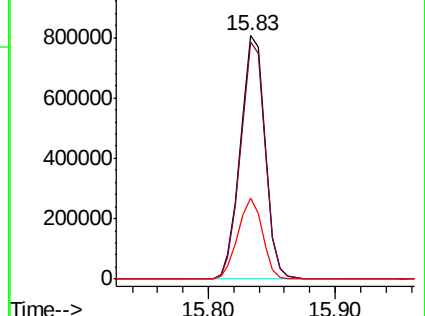
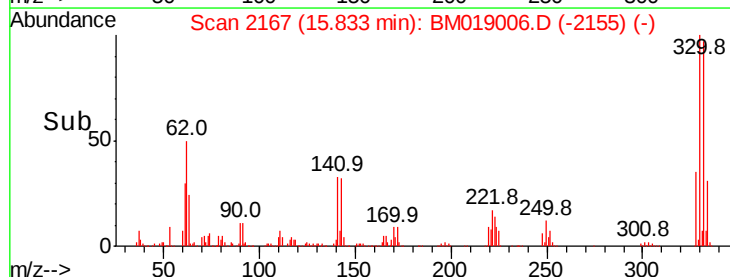
330 100

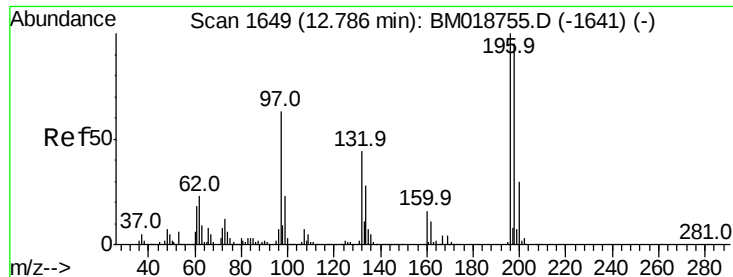
332 96.9 76.9 115.3

141 33.1 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

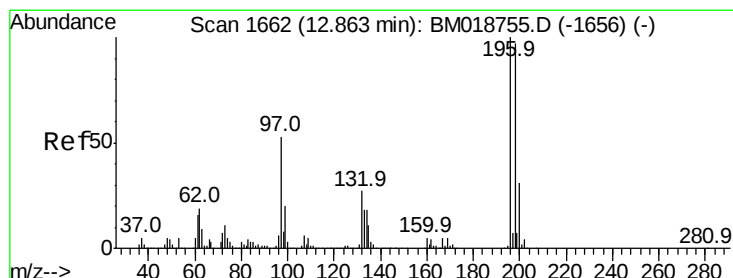
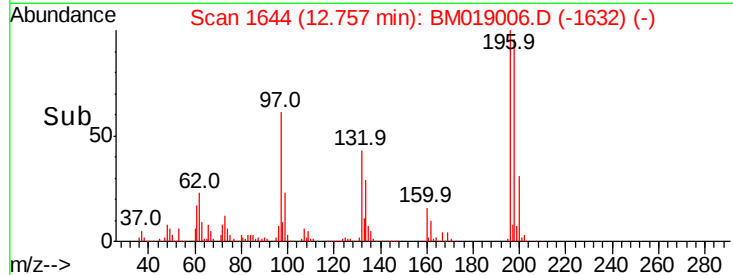
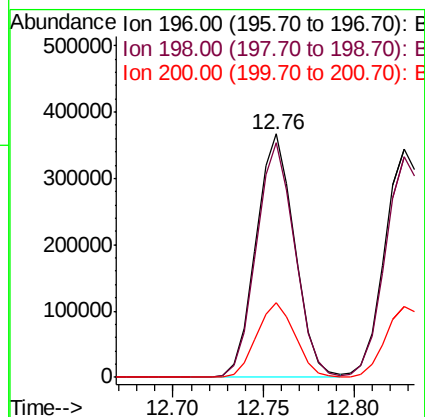
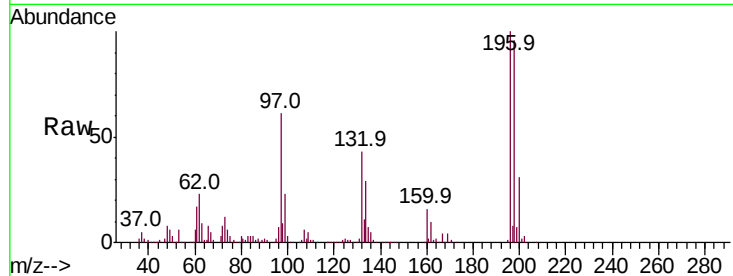




#43
 2,4,6-Trichlorophenol
 Concen: 43.220 ng
 RT: 12.76 min Scan# 1644
 Delta R.T. -0.03 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

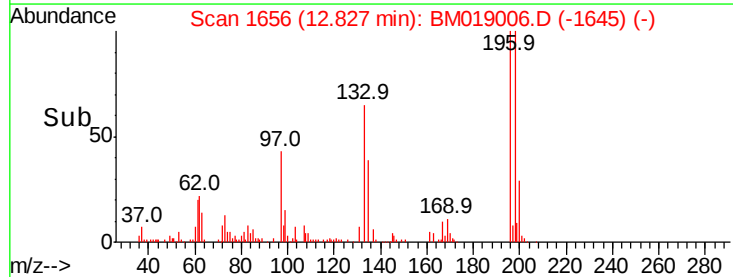
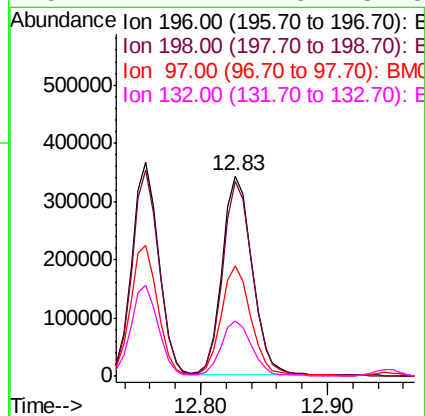
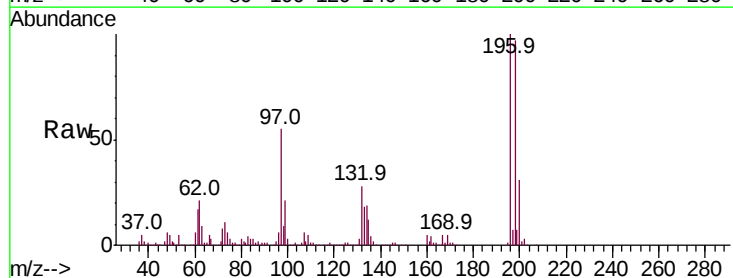
Instrument :
 BNA_M
 ClientSampled :

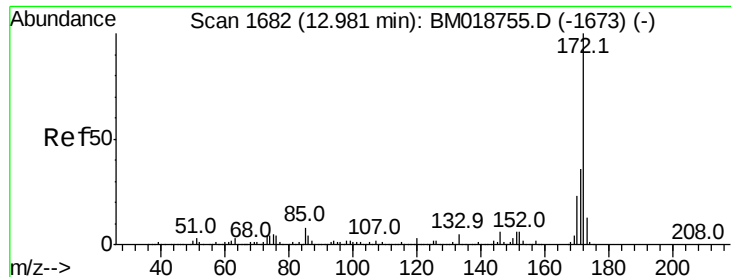
Tot Ion:196 Resp: 541256
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.2 114.2
 200 30.8 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 42.761 ng
 RT: 12.83 min Scan# 1656
 Delta R.T. -0.04 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Tgt Ion:196 Resp: 561279
 Ion Ratio Lower Upper
 196 100
 198 96.9 77.6 116.4
 97 55.1 42.8 64.2
 132 27.7 21.8 32.8

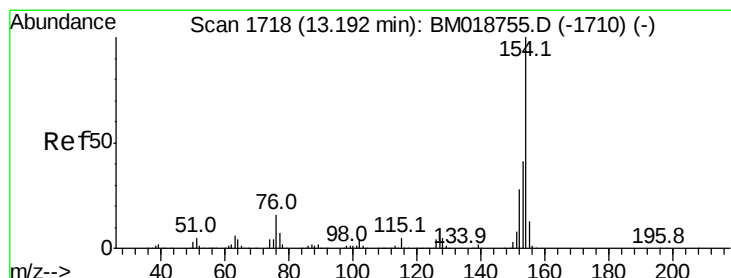
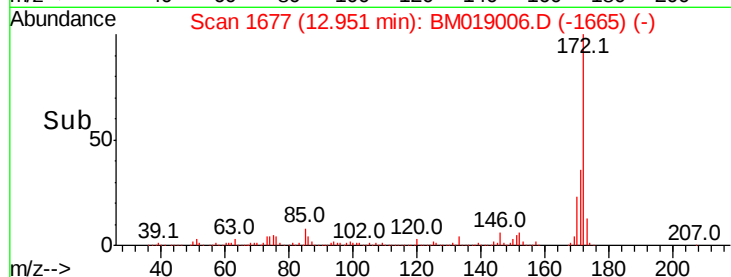
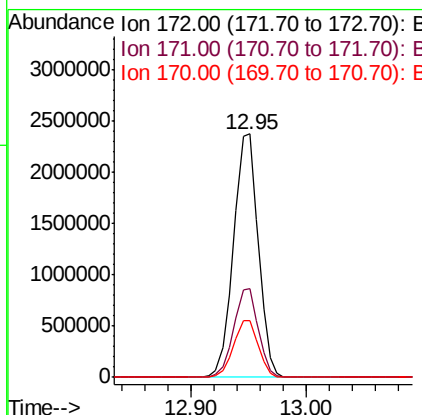
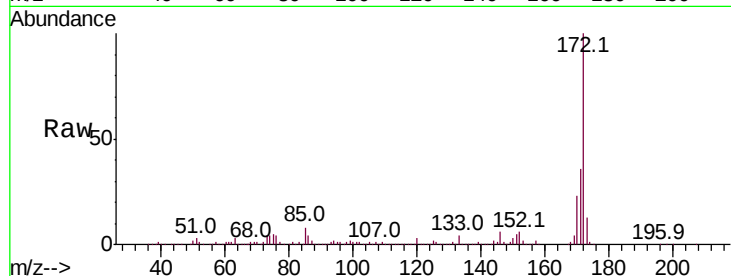




#45
2-Fluorobiphenyl
Concen: 79.147 ng
RT: 12.95 min Scan# 1677
Delta R.T. -0.03 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

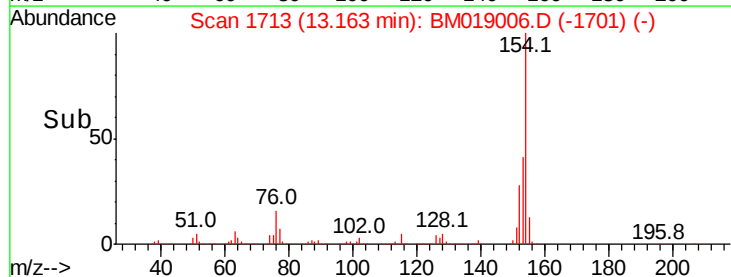
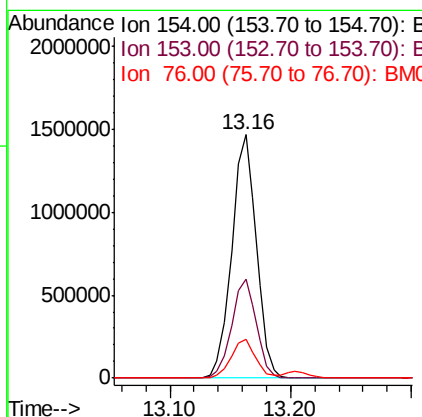
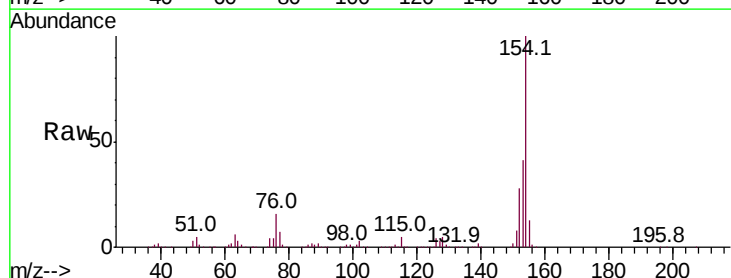
Instrument :
BNA_M
ClientSampleId :

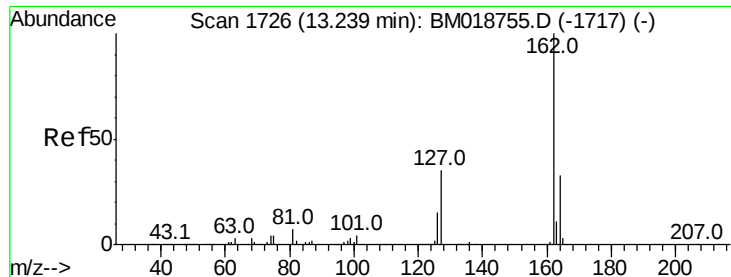
Tot Ion:172 Resp: 3525839
Ion Ratio Lower Upper
172 100
171 36.3 29.0 43.6
170 23.2 18.6 28.0



#46
1,1'-Biphenyl
Concen: 40.942 ng
RT: 13.16 min Scan# 1713
Delta R.T. -0.03 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion:154 Resp: 2084072
Ion Ratio Lower Upper
154 100
153 40.7 21.1 61.1
76 15.8 0.0 35.7

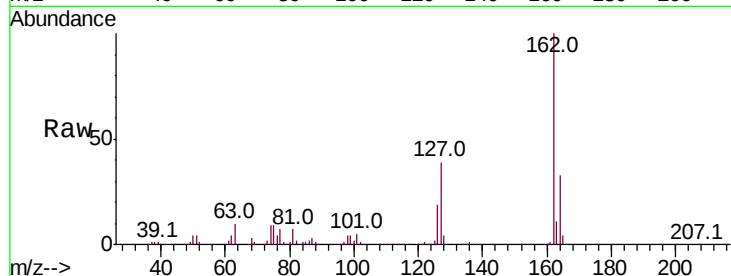




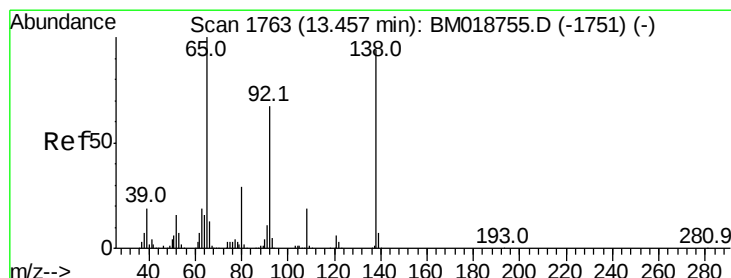
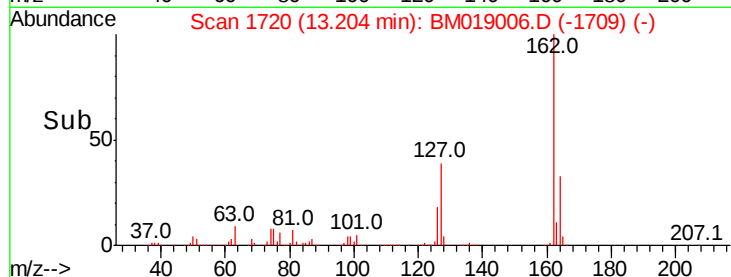
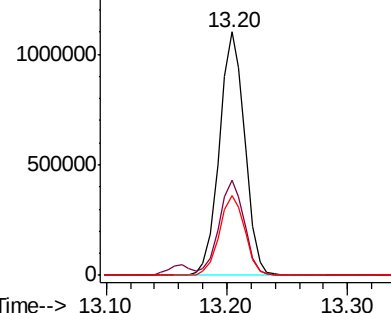
#47
2-Chloronaphthalene
Concen: 40.986 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.04 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampled :

Tot Ion:162 Resp: 1611445
Ion Ratio Lower Upper
162 100
127 38.8 31.1 46.7
164 32.7 26.4 39.6

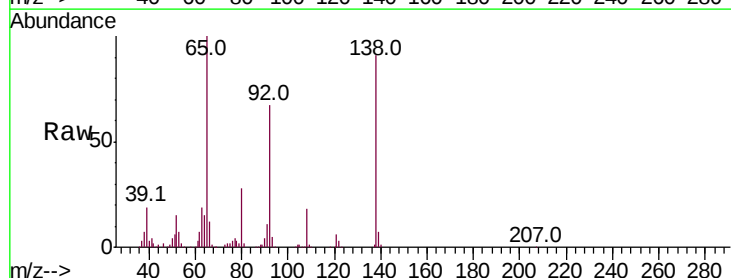


Abundance Ion 162.00 (161.70 to 162.70): E
1500000
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

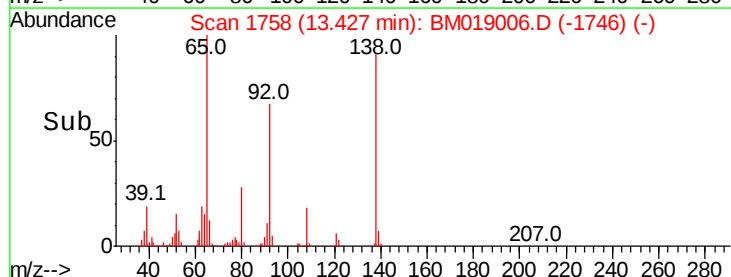
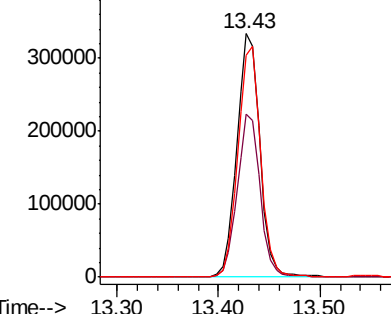


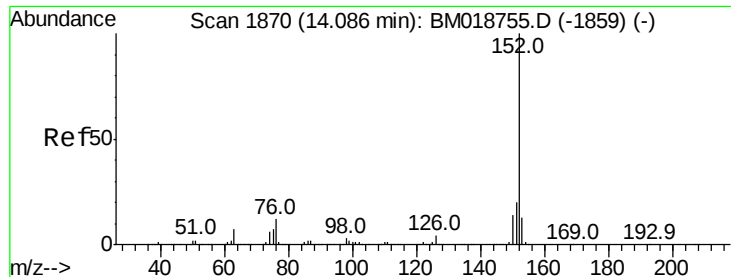
#48
2-Nitroaniline
Concen: 40.167 ng
RT: 13.43 min Scan# 1758
Delta R.T. -0.03 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion: 65 Resp: 524506
Ion Ratio Lower Upper
65 100
92 67.1 54.0 81.0
138 91.2 74.9 112.3



Abundance Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 43.752 ng

RT: 14.06 min Scan# 1865

Delta R.T. -0.03 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampleId :

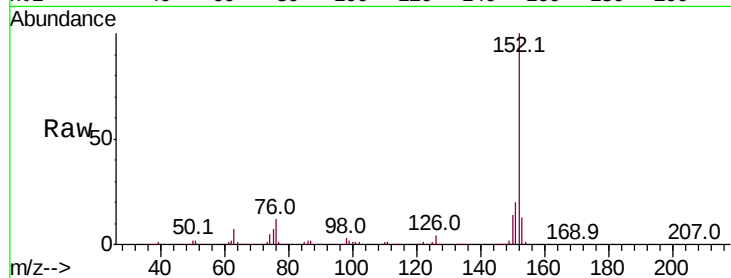
Tot Ion:152 Resp: 2561390

Ion Ratio Lower Upper

152 100

151 20.0 15.8 23.8

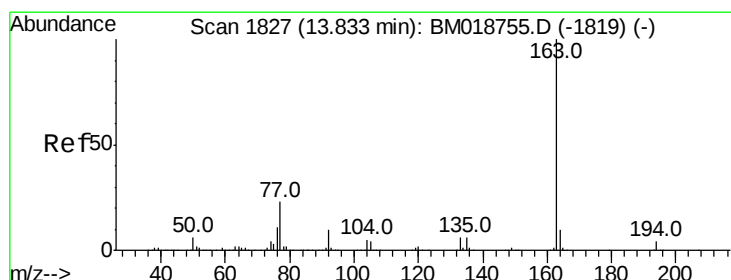
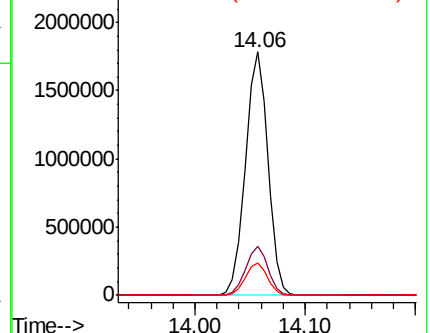
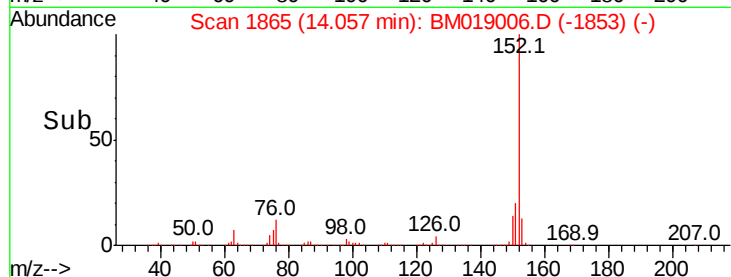
153 13.1 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 39.506 ng

RT: 13.80 min Scan# 1822

Delta R.T. -0.03 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

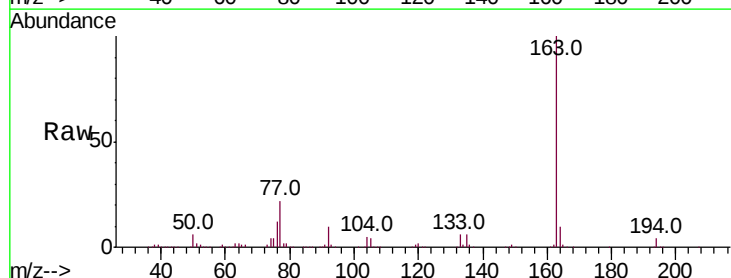
Tgt Ion:163 Resp: 1947042

Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

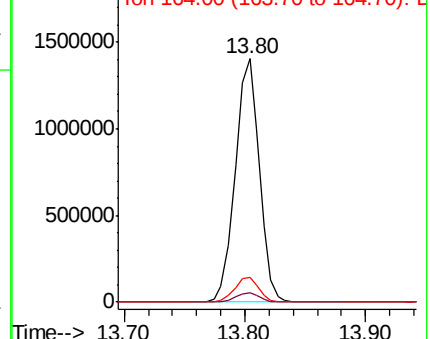
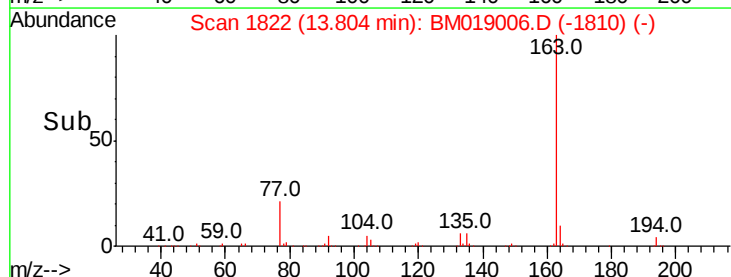
164 10.0 7.8 11.8

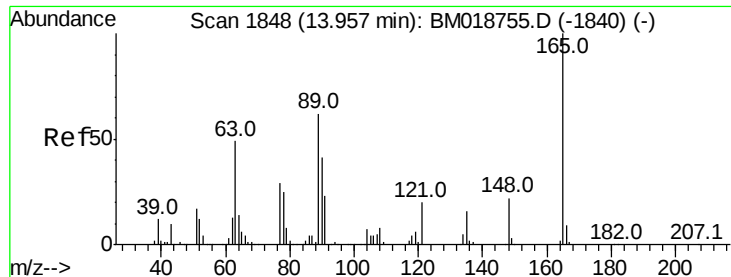


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

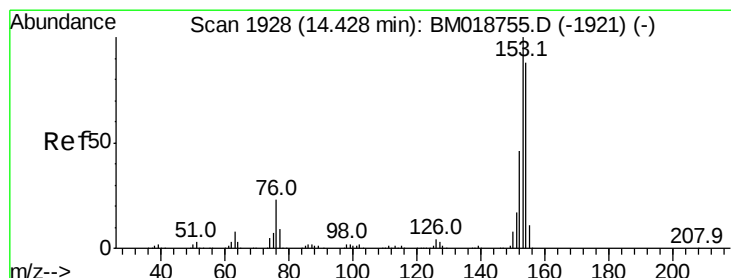
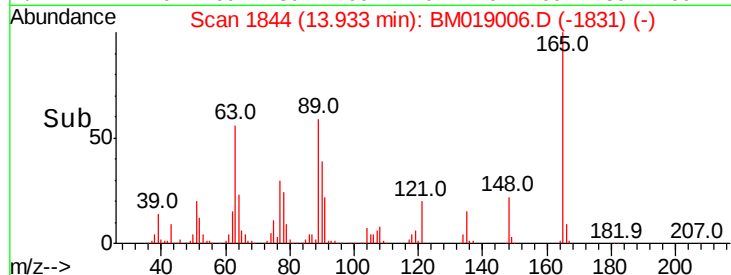
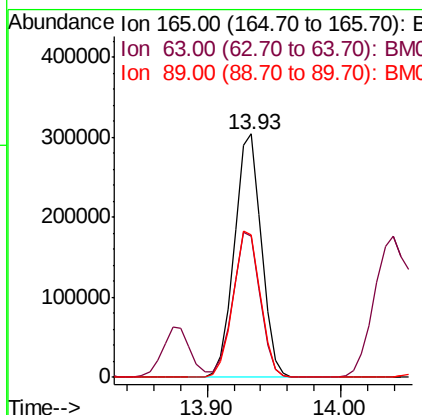
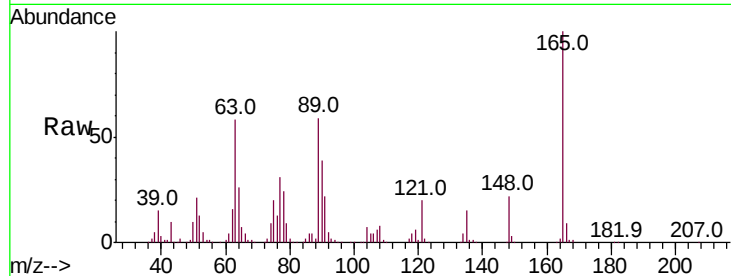




#51
 2,6-Dinitrotoluene
 Concen: 40.139 ng
 RT: 13.93 min Scan# 1844
 Delta R.T. -0.02 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

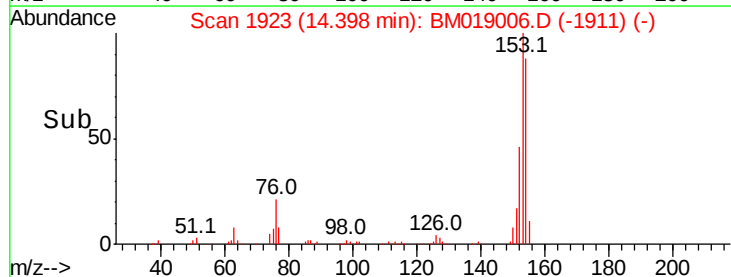
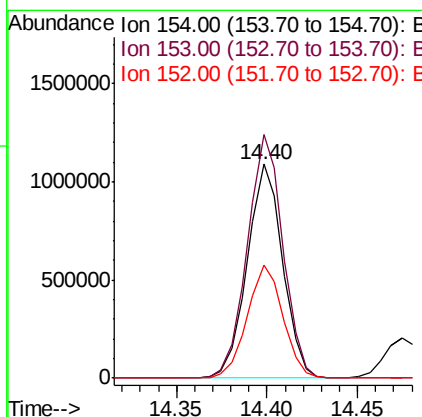
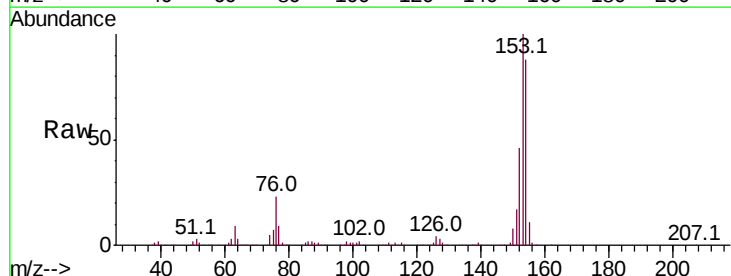
Instrument :
 BNA_M
 ClientSampled :

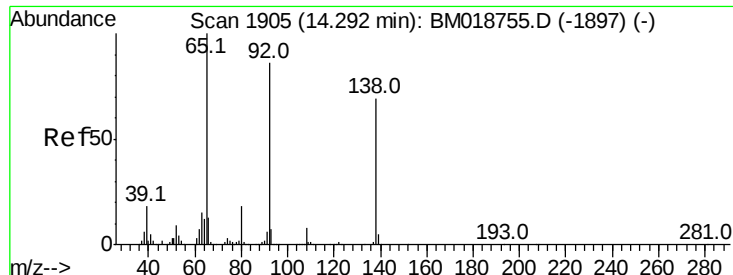
Tot Ion:165 Resp: 428530
 Ion Ratio Lower Upper
 165 100
 63 58.2 48.9 73.3
 89 58.6 49.4 74.0



#52
 Acenaphthene
 Concen: 41.278 ng
 RT: 14.40 min Scan# 1923
 Delta R.T. -0.03 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Tgt Ion:154 Resp: 1481791
 Ion Ratio Lower Upper
 154 100
 153 113.9 91.3 136.9
 152 52.9 42.2 63.4

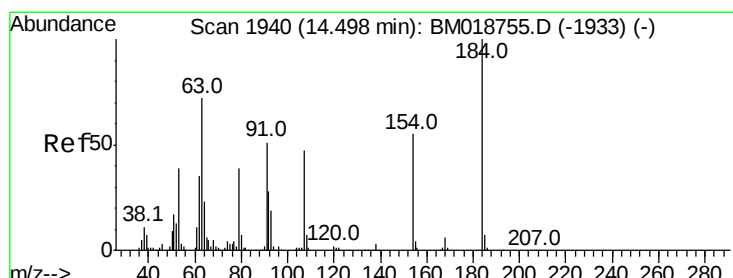
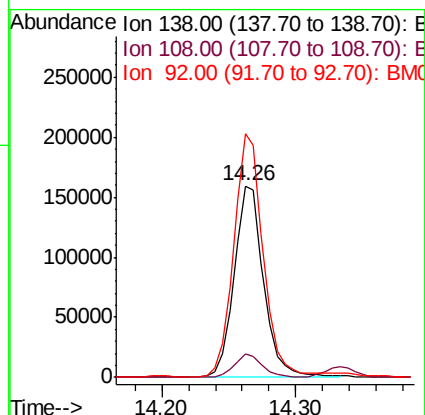
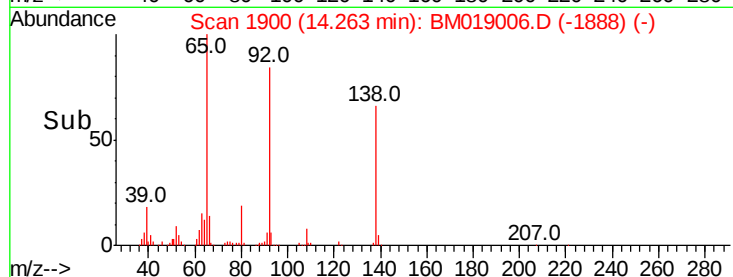
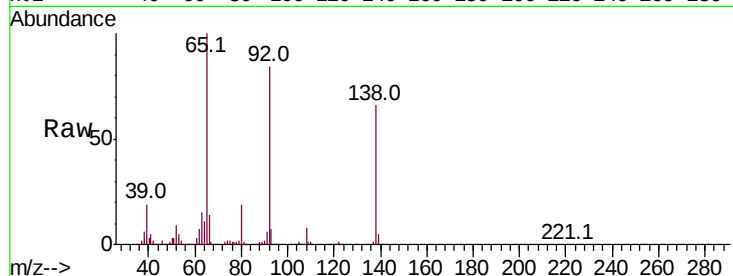




#53
3-Nitroaniline
Concen: 20.305 ng
RT: 14.26 min Scan# 1900
Delta R.T. -0.03 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

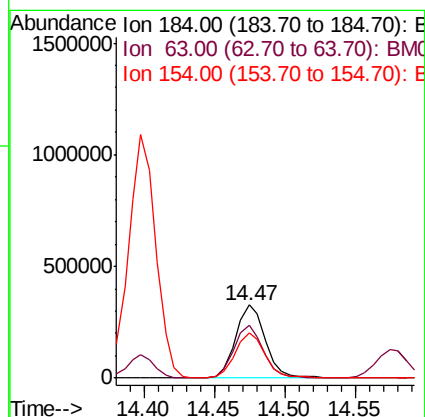
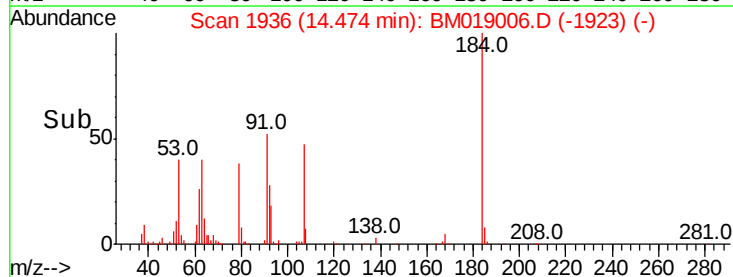
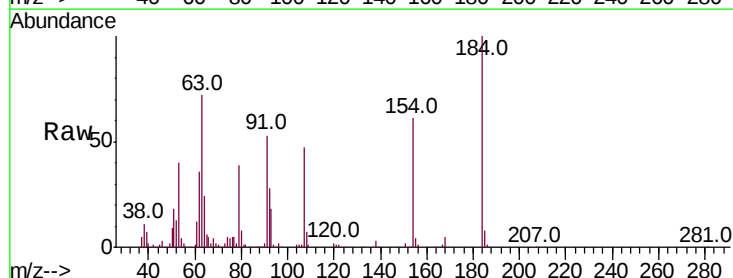
Instrument :
BNA_M
ClientSampleId :

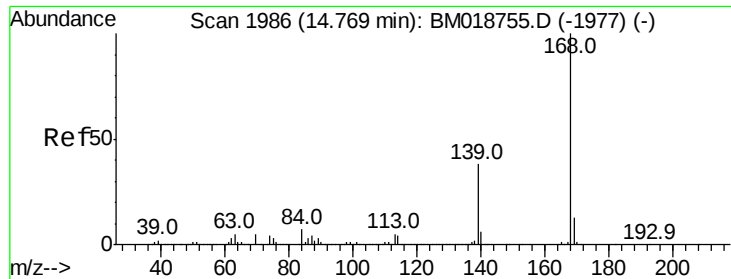
Tot Ion:138 Resp: 244929
Ion Ratio Lower Upper
138 100
108 12.1 9.1 13.7
92 127.2 99.7 149.5



#54
2,4-Dinitrophenol
Concen: 71.942 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.02 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion:184 Resp: 483119
Ion Ratio Lower Upper
184 100
63 72.3 58.0 87.0
154 61.4 50.3 75.5

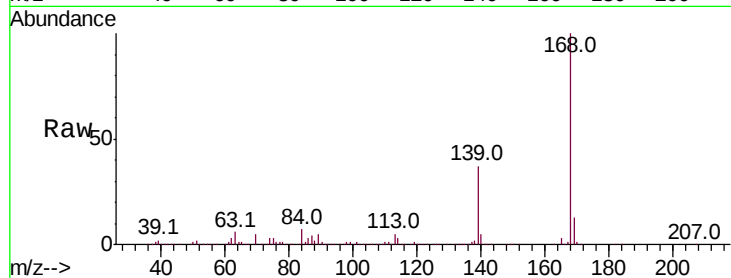




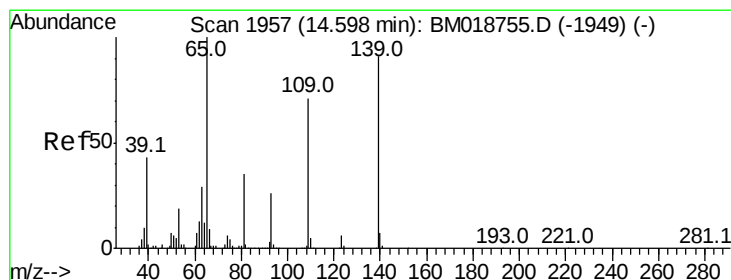
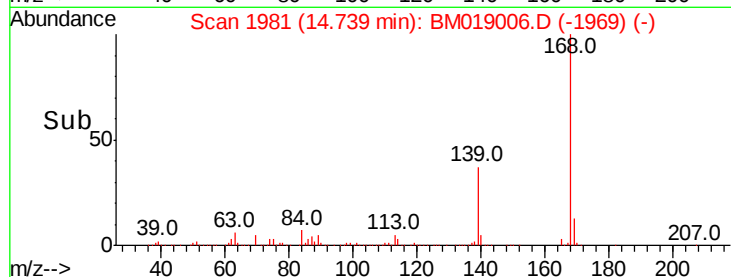
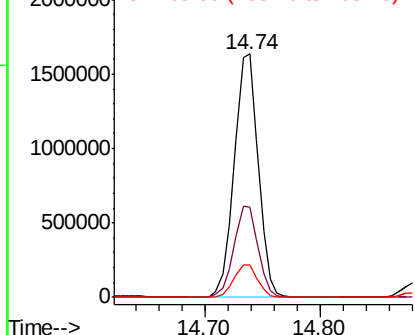
#55
Dibenzofuran
Concen: 39.965 ng
RT: 14.74 min Scan# 1981
Delta R.T. -0.03 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampled :

Tot Ion:168 Resp: 2358087
Ion Ratio Lower Upper
168 100
139 37.2 30.7 46.1
169 13.1 10.3 15.5

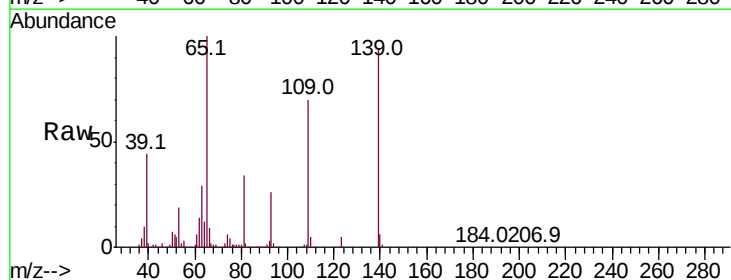


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

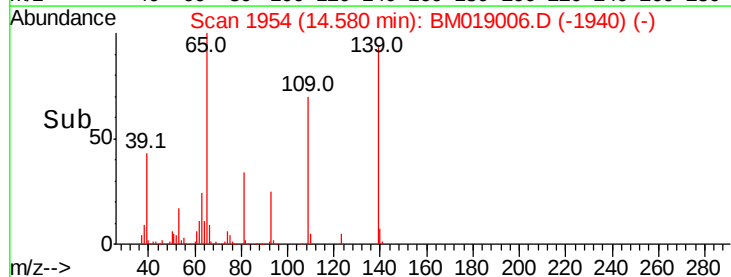
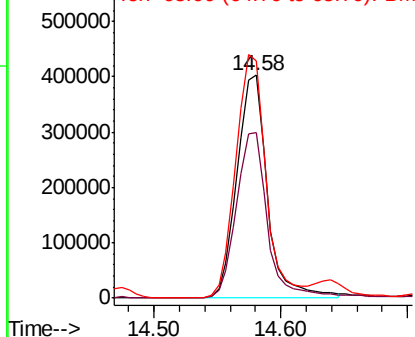


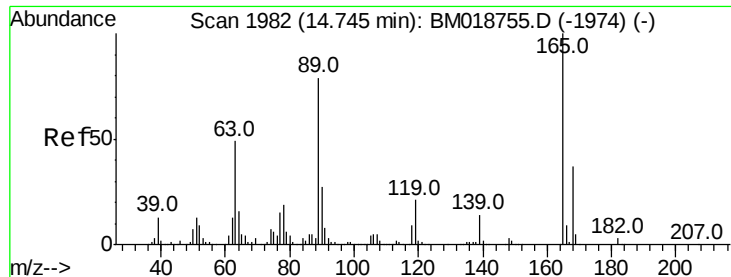
#56
4-Nitrophenol
Concen: 69.790 ng
RT: 14.58 min Scan# 1954
Delta R.T. -0.02 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion:139 Resp: 672042
Ion Ratio Lower Upper
139 100
109 74.3 58.4 98.4
65 106.7 89.8 129.8



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

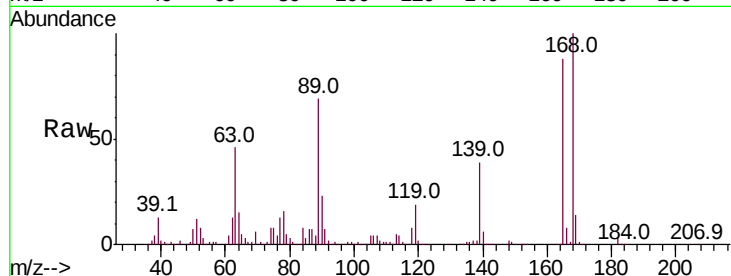




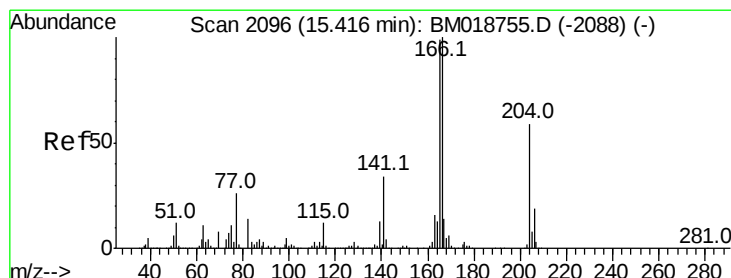
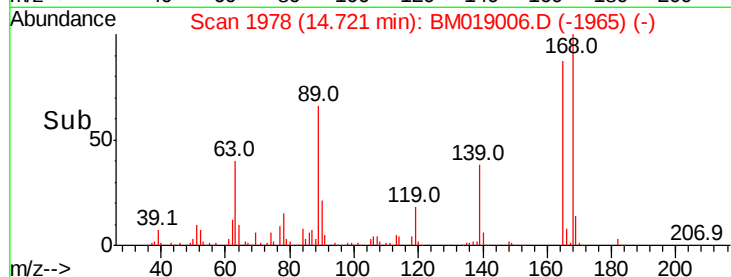
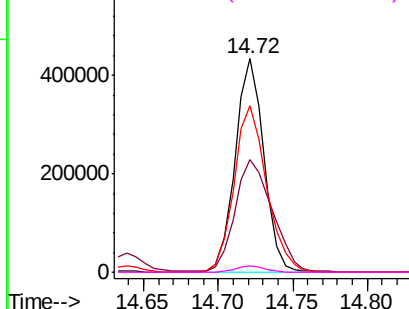
#57
2,4-Dinitrotoluene
Concen: 39.395 ng
RT: 14.72 min Scan# 1978
Delta R.T. -0.02 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampled :

Tot Ion:165 Resp: 579479
Ion Ratio Lower Upper
165 100
63 52.7 39.6 59.4
89 78.1 63.5 95.3
182 2.9 2.2 3.4

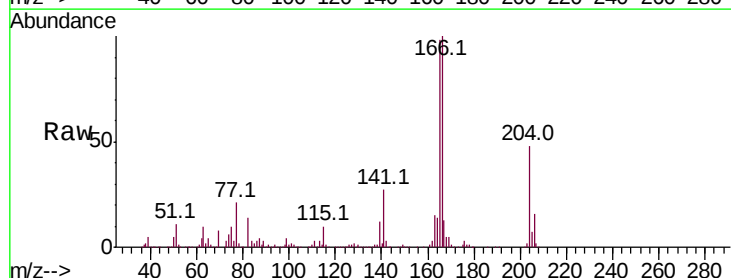


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

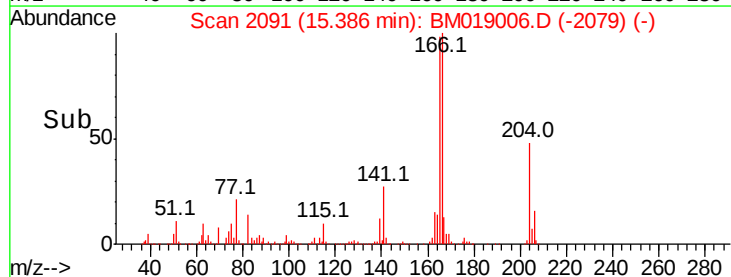
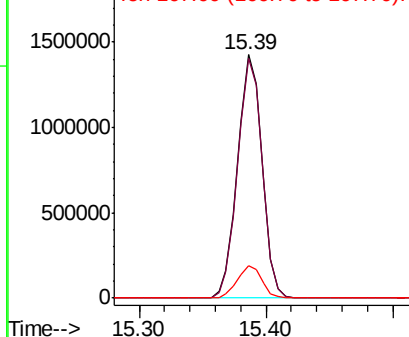


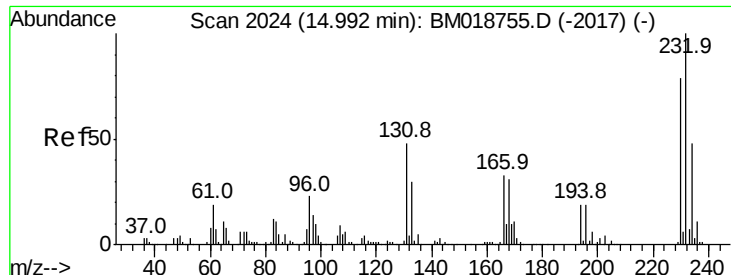
#58
Fluorene
Concen: 42.083 ng
RT: 15.39 min Scan# 2091
Delta R.T. -0.03 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion:166 Resp: 1899599
Ion Ratio Lower Upper
166 100
165 98.5 79.1 118.7
167 13.4 11.0 16.4



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

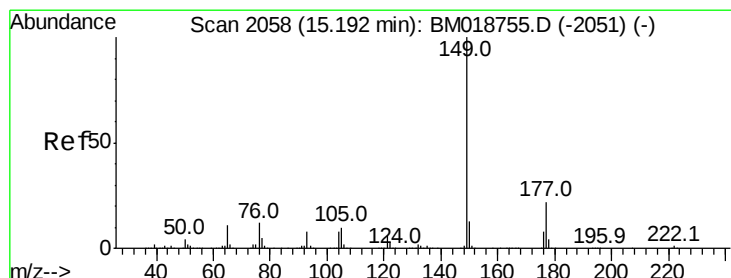
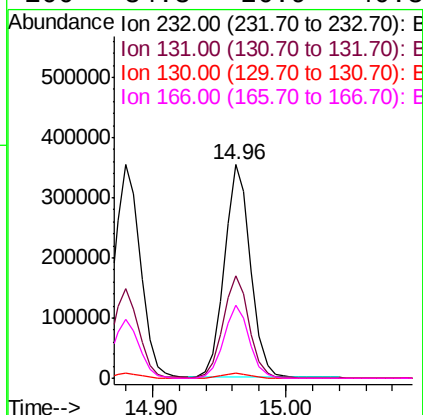
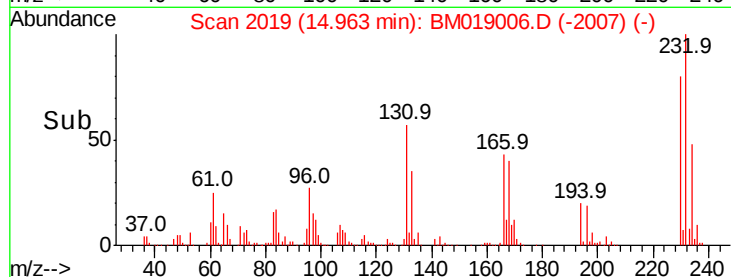
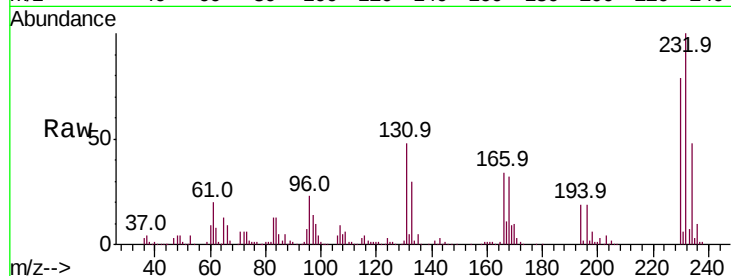




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.723 ng
 RT: 14.96 min Scan# 2019
 Delta R.T. -0.03 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

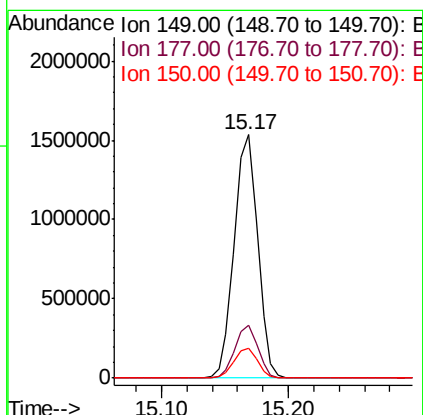
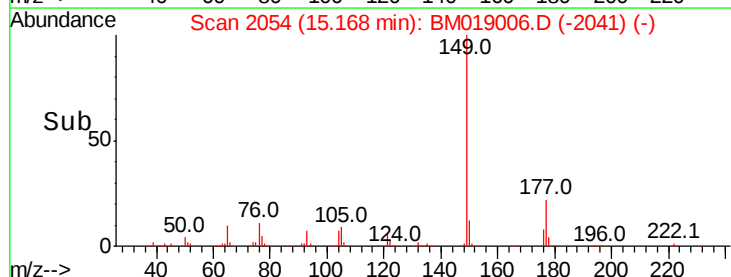
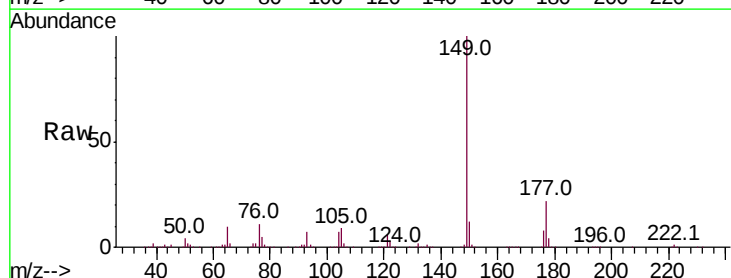
Instrument :
 BNA_M
 ClientSampleId :

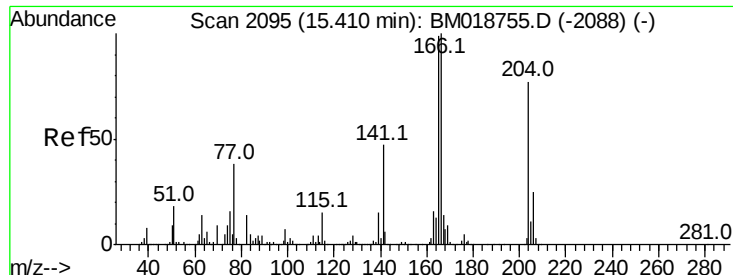
Tot Ion:232 Resp: 484075
 Ion Ratio Lower Upper
 232 100
 131 47.8 38.6 57.8
 130 2.5 2.0 3.0
 166 34.3 26.9 40.3



#60
 Diethylphthalate
 Concen: 38.659 ng
 RT: 15.17 min Scan# 2054
 Delta R.T. -0.02 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Tgt Ion:149 Resp: 1965371
 Ion Ratio Lower Upper
 149 100
 177 21.9 17.2 25.8
 150 12.2 10.2 15.2

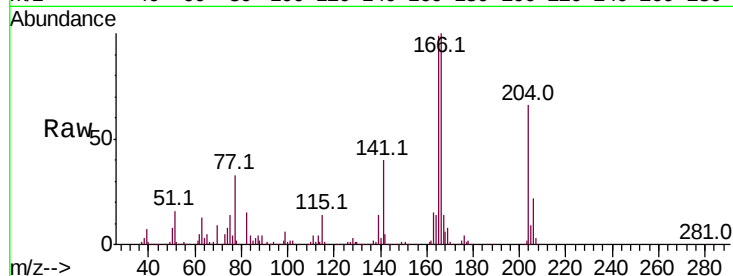




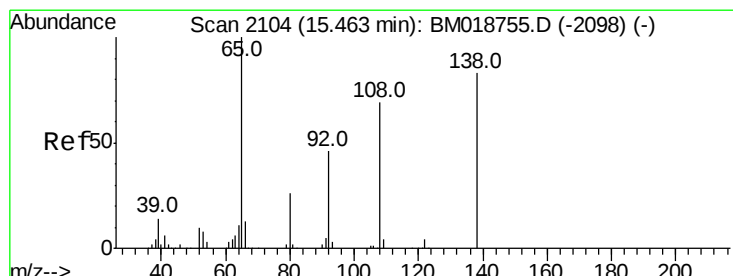
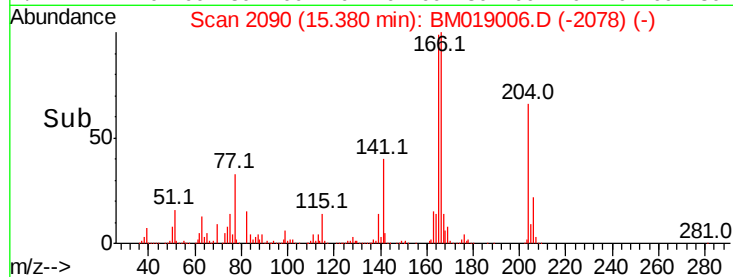
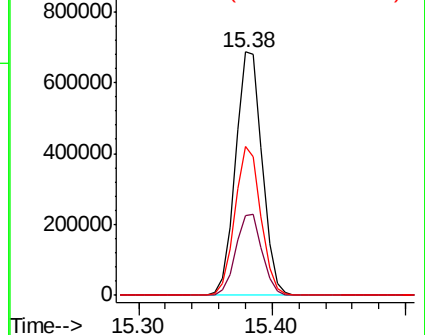
#61
4-Chlorophenyl-phenylether
Concen: 37.554 ng
RT: 15.38 min Scan# 2090
Delta R.T. -0.03 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:204 Resp: 950436
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 61.0 49.2 73.8

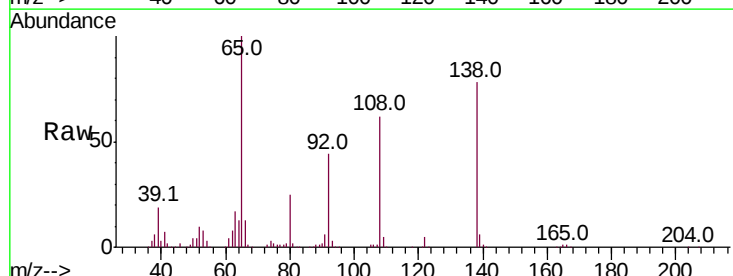


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

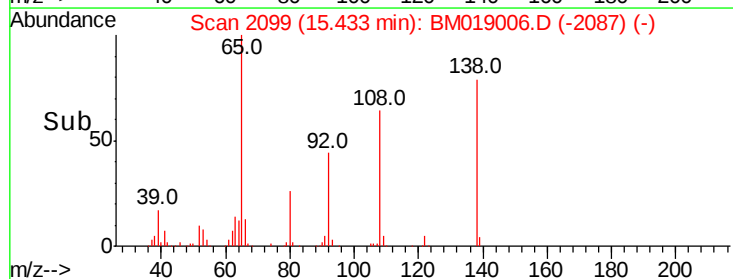
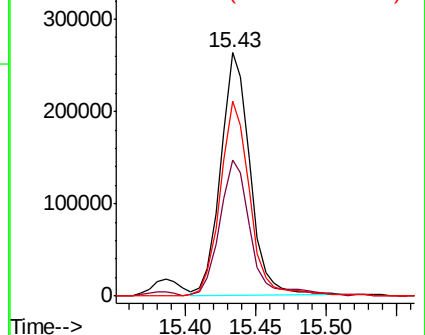


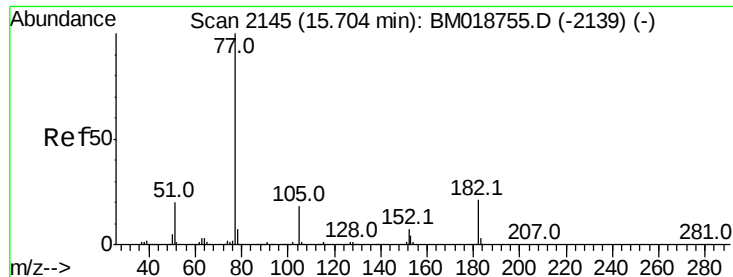
#62
4-Nitroaniline
Concen: 31.759 ng
RT: 15.43 min Scan# 2099
Delta R.T. -0.03 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion:138 Resp: 375582
Ion Ratio Lower Upper
138 100
92 56.1 35.5 75.5
108 80.1 62.4 102.4



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

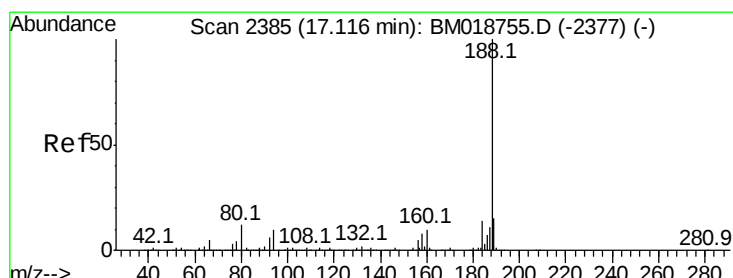
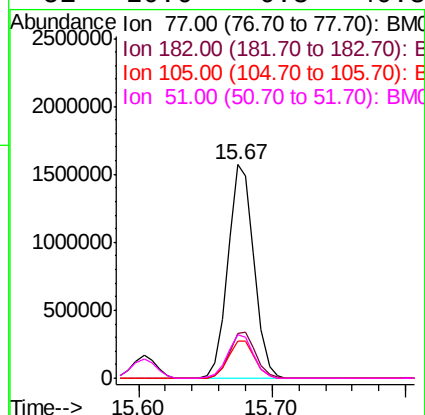
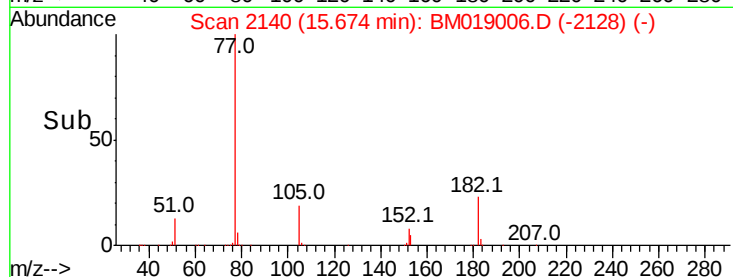
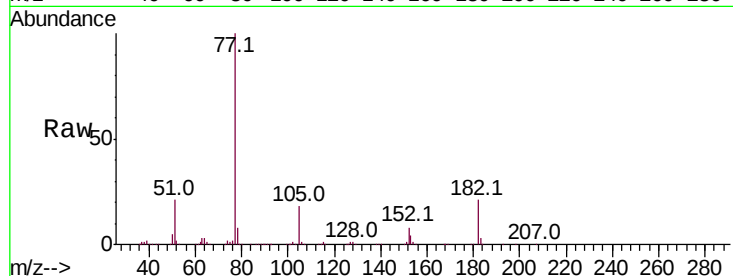




#63
Azobenzene
Concen: 39.257 ng
RT: 15.67 min Scan# 2140
Delta R.T. -0.03 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

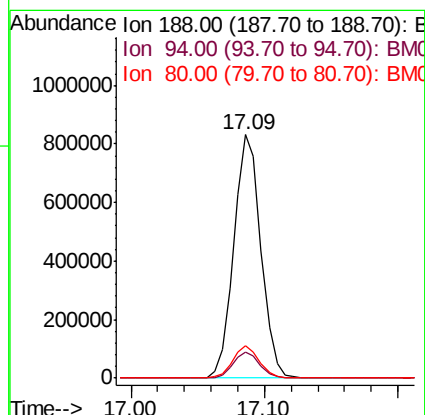
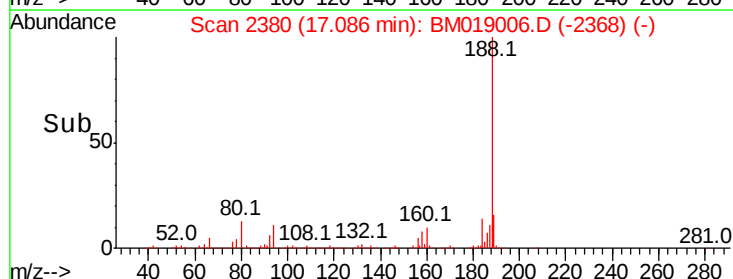
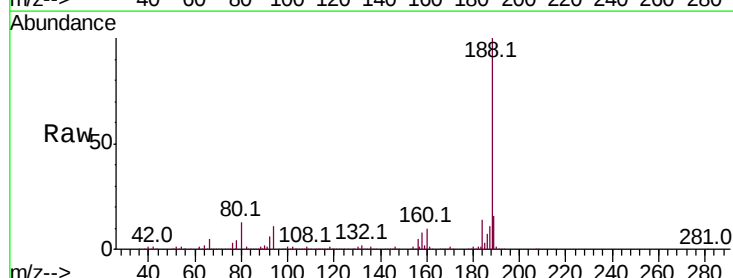
Instrument :
BNA_M
ClientSampleId :

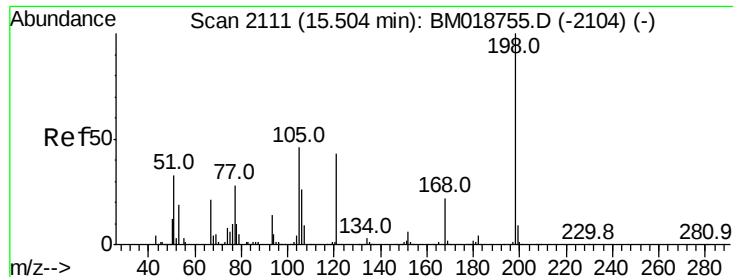
Tot Ion: 77 Resp: 2139899
Ion Ratio Lower Upper
77 100
182 21.0 1.0 41.0
105 17.5 0.0 37.7
51 20.6 0.3 40.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.09 min Scan# 2380
Delta R.T. -0.03 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion: 188 Resp: 1172612
Ion Ratio Lower Upper
188 100
94 10.6 8.2 12.2
80 13.1 9.7 14.5

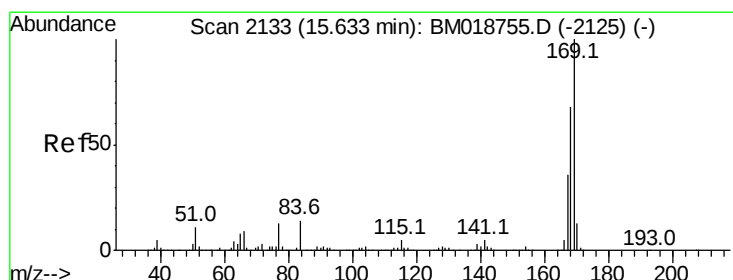
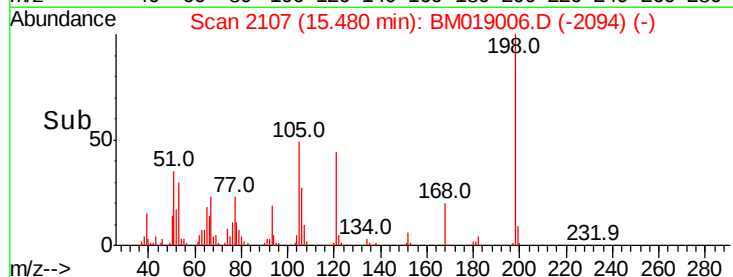
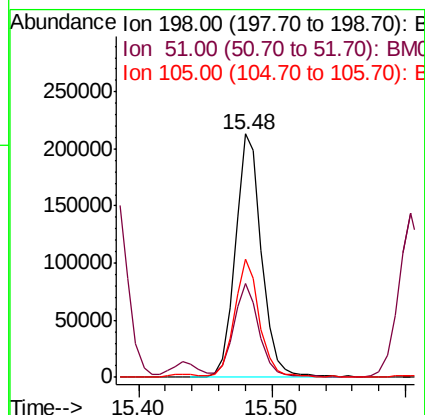
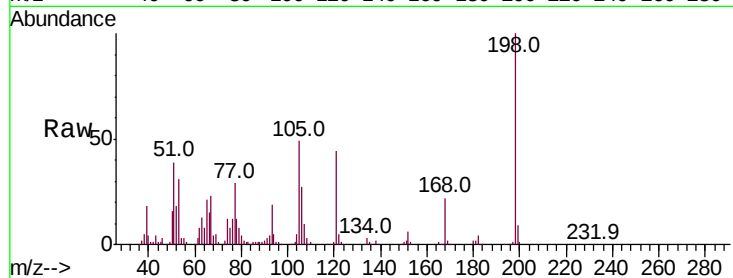




#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.445 ng
 RT: 15.48 min Scan# 2107
 Delta R.T. -0.02 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

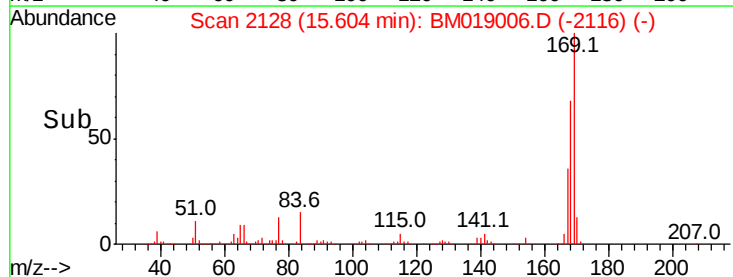
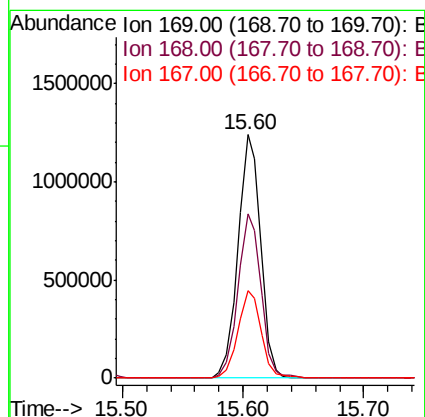
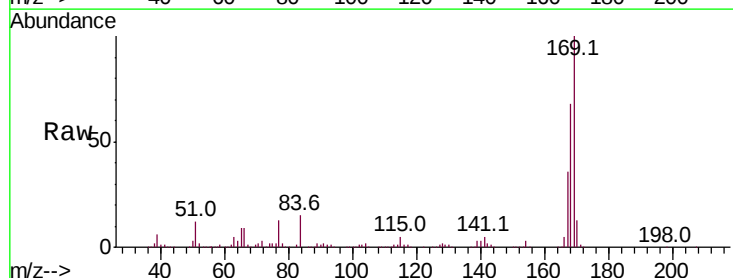
Instrument :
 BNA_M
 ClientSampleId :

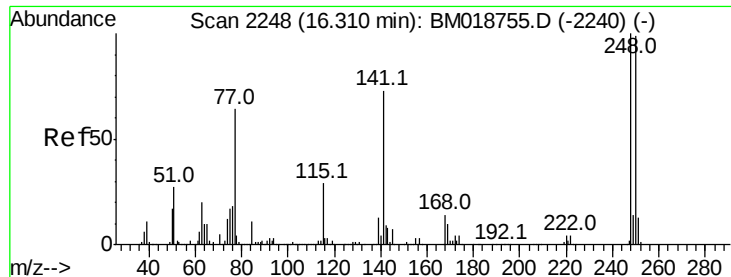
Tot Ion:198 Resp: 291818
 Ion Ratio Lower Upper
 198 100
 51 38.8 18.4 58.4
 105 48.5 27.2 67.2



#66
 n-Nitrosodiphenylamine
 Concen: 43.884 ng
 RT: 15.60 min Scan# 2128
 Delta R.T. -0.03 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Tgt Ion:169 Resp: 1625793
 Ion Ratio Lower Upper
 169 100
 168 67.6 54.4 81.6
 167 35.9 29.0 43.6





#67

4-Bromophenyl-phenylether

Concen: 41.647 ng

RT: 16.28 min Scan# 2243

Delta R.T. -0.03 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampled :

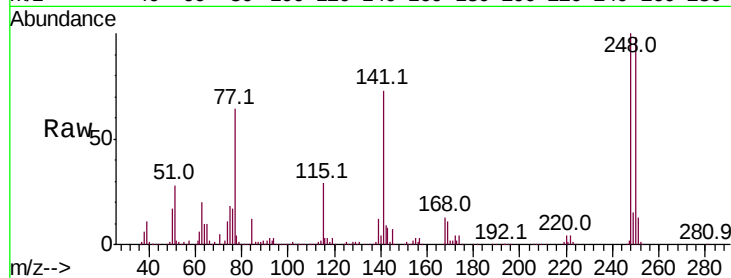
Tot Ion:248 Resp: 546627

Ion Ratio Lower Upper

248 100

250 97.9 79.0 118.6

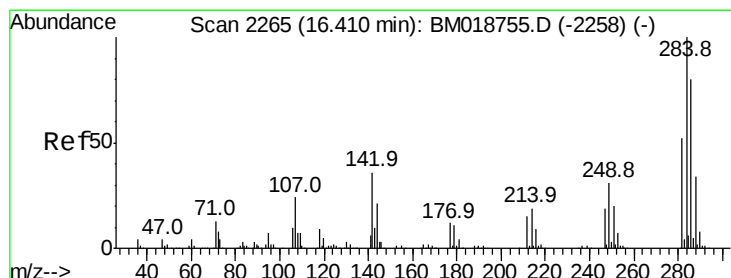
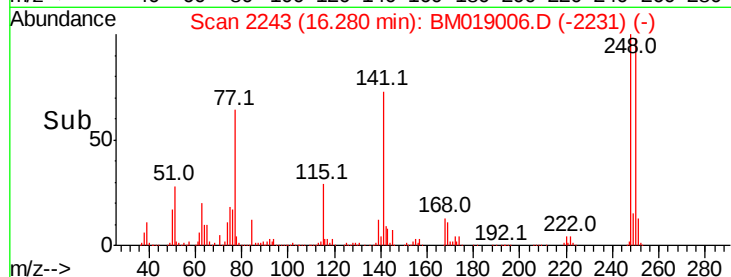
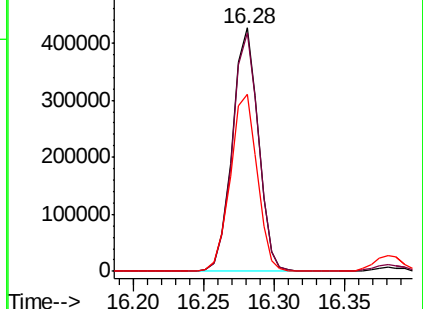
141 73.0 58.6 88.0



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: 41.354 ng

RT: 16.38 min Scan# 2260

Delta R.T. -0.03 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

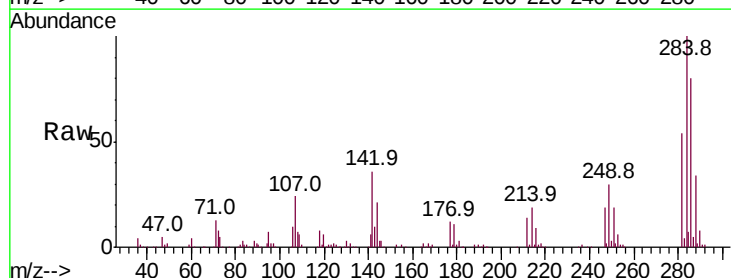
Tgt Ion:284 Resp: 630913

Ion Ratio Lower Upper

284 100

142 35.8 28.9 43.3

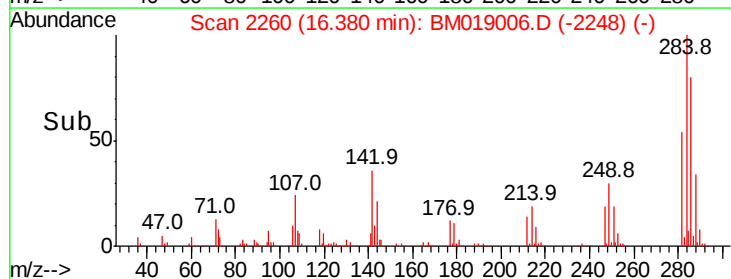
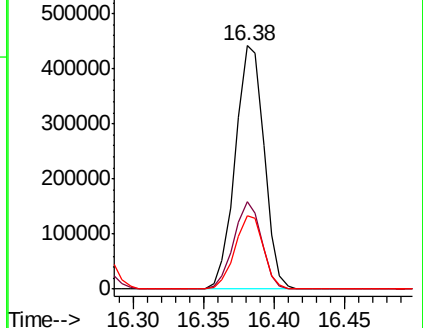
249 30.4 24.8 37.2

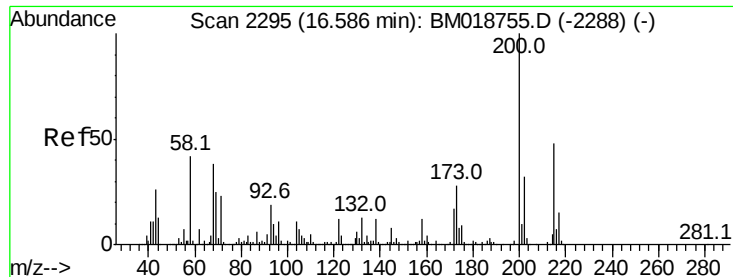


Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

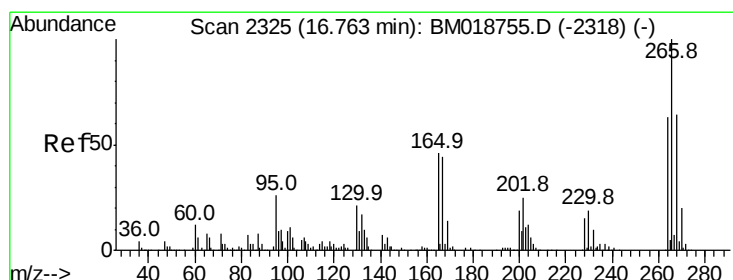
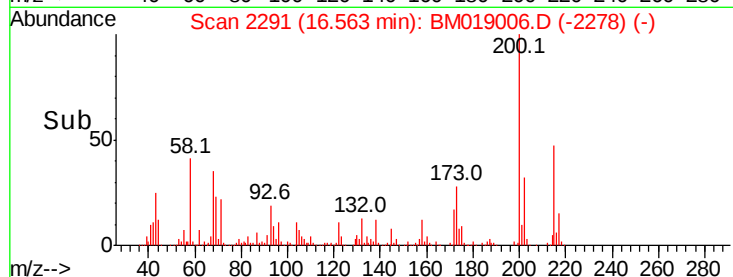
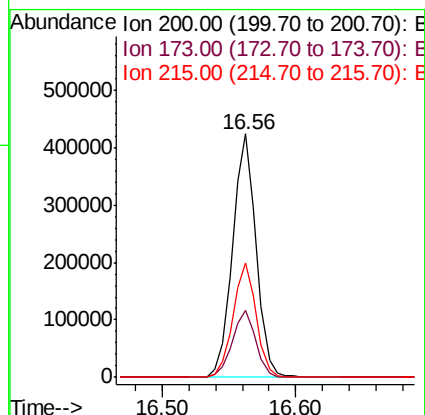
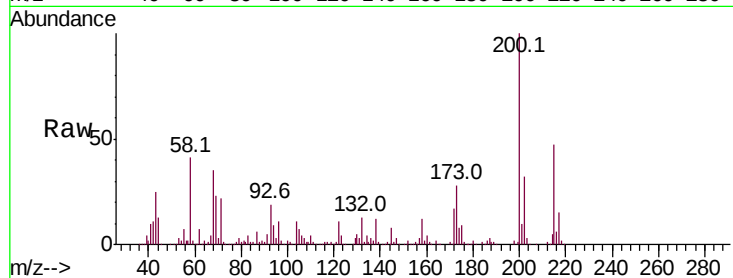




#69
 Atrazine
 Concen: 43.719 ng
 RT: 16.56 min Scan# 2291
 Delta R.T. -0.02 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

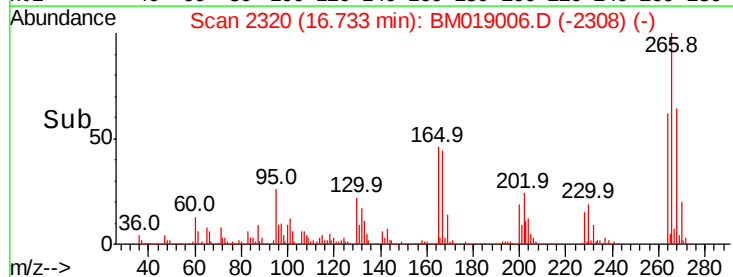
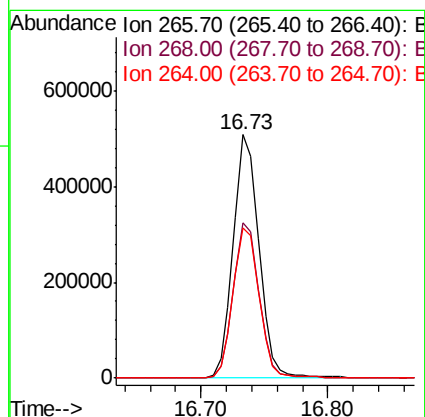
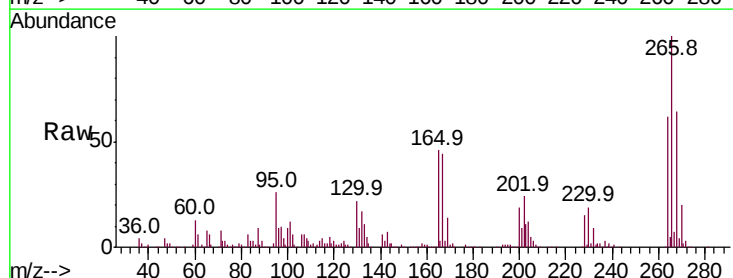
Instrument :
 BNA_M
 ClientSampleId :

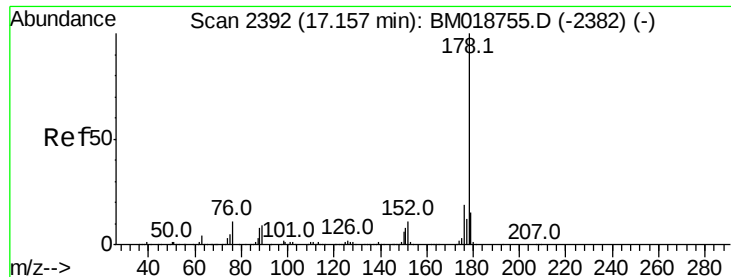
Tot Ion:200 Resp: 522162
 Ion Ratio Lower Upper
 200 100
 173 27.6 7.6 47.6
 215 47.0 27.6 67.6



#70
 Pentachlorophenol
 Concen: 72.721 ng
 RT: 16.73 min Scan# 2320
 Delta R.T. -0.03 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Tgt Ion:266 Resp: 714352
 Ion Ratio Lower Upper
 266 100
 268 63.7 51.3 76.9
 264 61.9 50.6 75.8





#71

Phenanthrene

Concen: 42.925 ng

RT: 17.13 min Scan# 2388

Delta R.T. -0.02 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampleId :

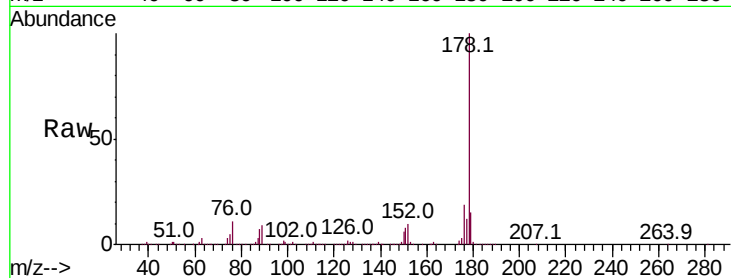
Tot Ion:178 Resp: 2705042

Ion Ratio Lower Upper

178 100

176 19.2 15.4 23.0

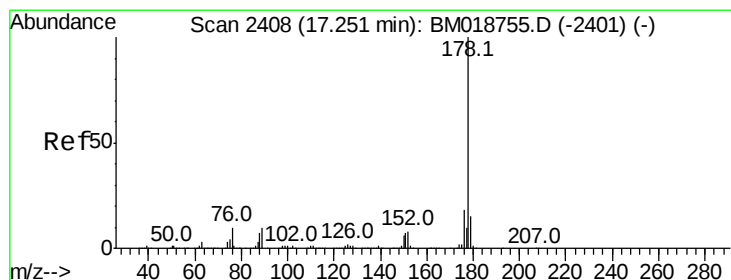
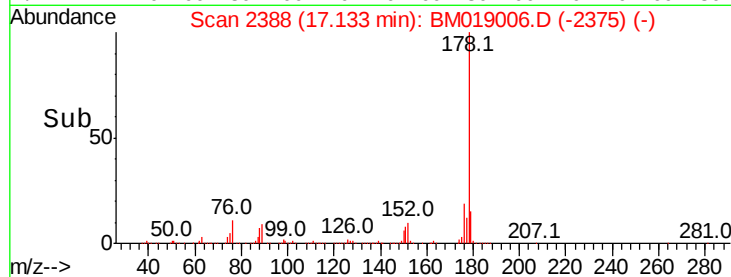
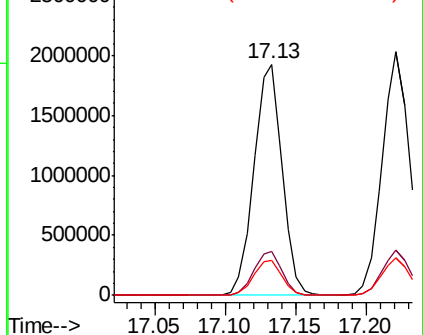
179 15.1 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 44.882 ng

RT: 17.22 min Scan# 2403

Delta R.T. -0.03 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

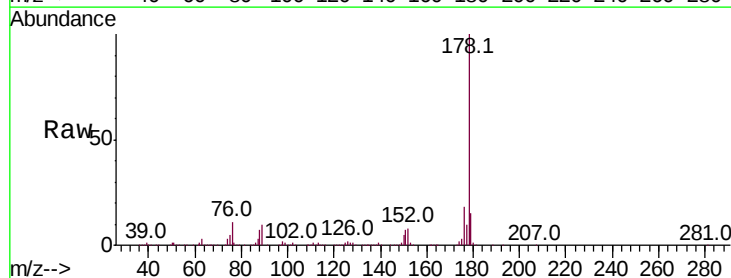
Tgt Ion:178 Resp: 2752928

Ion Ratio Lower Upper

178 100

176 18.4 14.8 22.2

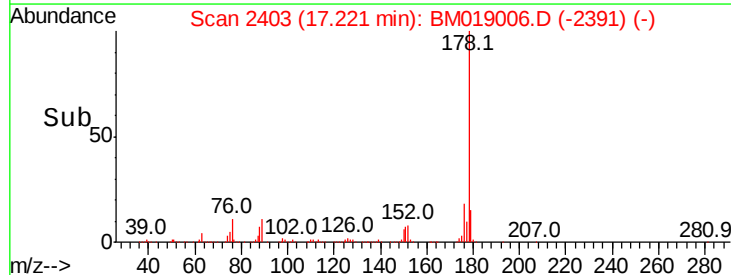
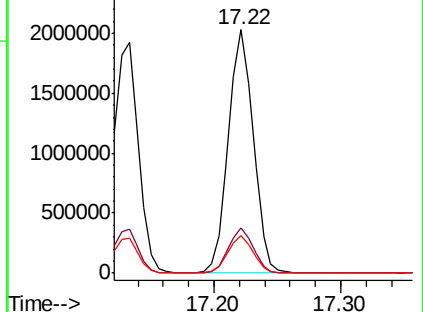
179 15.3 12.1 18.1

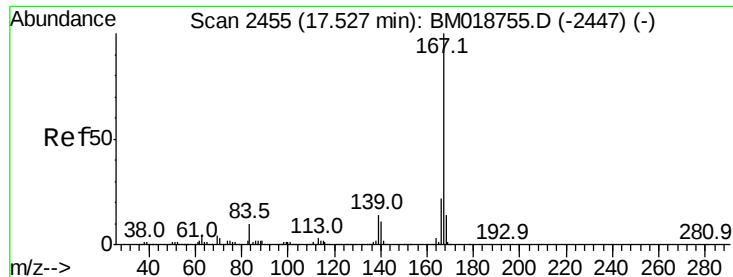


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



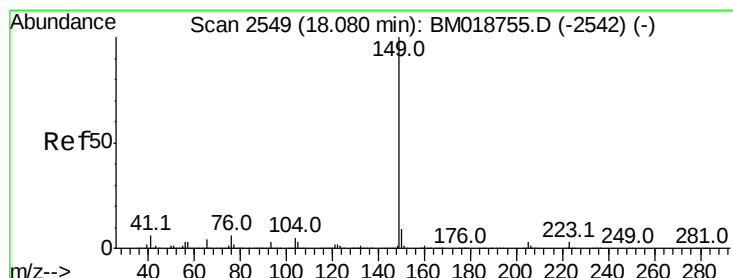
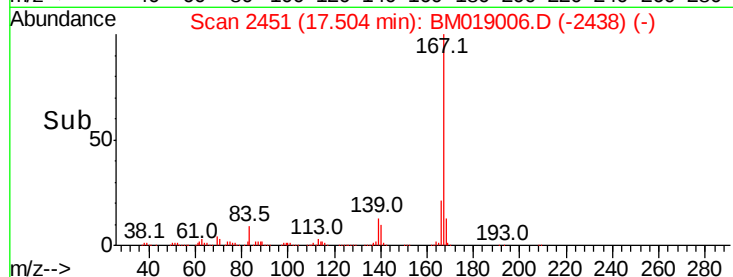
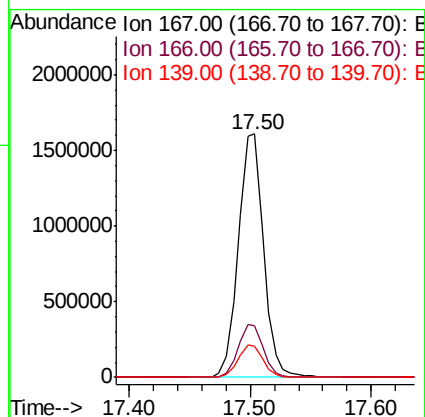
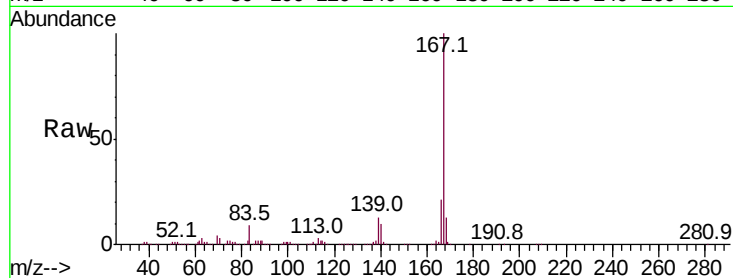


#73
 Carbazole
 Concen: 36.662 ng
 RT: 17.50 min Scan# 2451
 Delta R.T. -0.02 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:167 Resp: 2349413

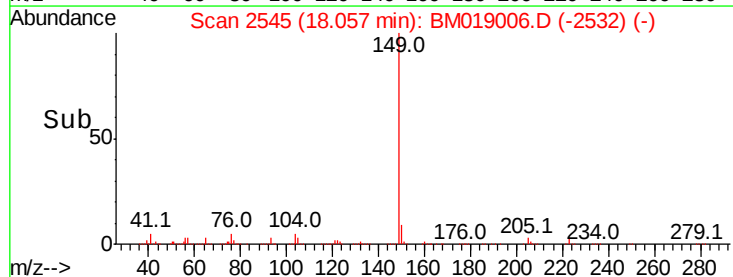
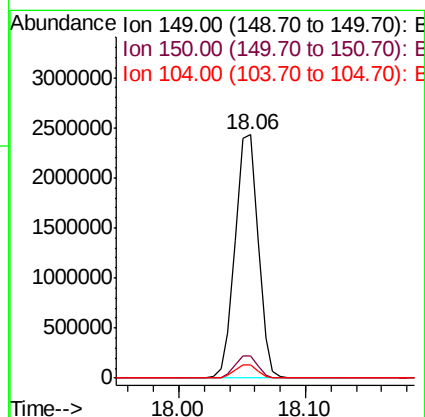
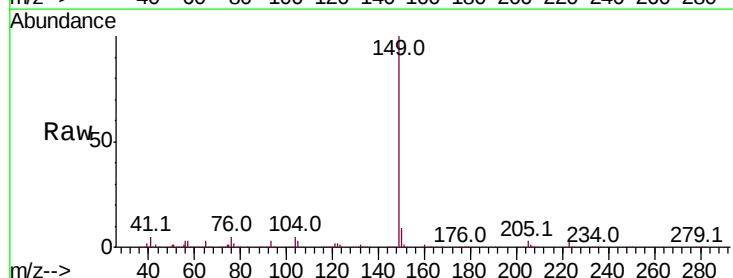
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.7	26.5
139	12.8	10.9	16.3

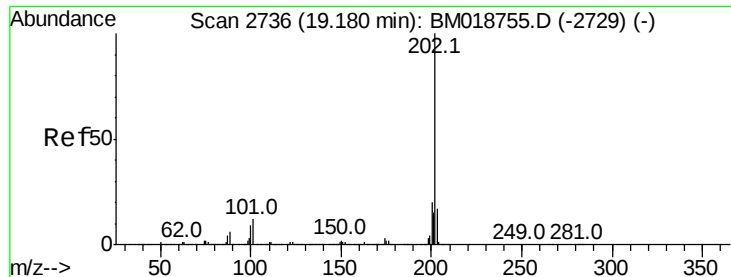


#74
 Di-n-butylphthalate
 Concen: 41.312 ng
 RT: 18.06 min Scan# 2545
 Delta R.T. -0.02 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Tgt Ion:149 Resp: 3044670

Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 36.181 ng

RT: 19.15 min Scan# 2731

Delta R.T. -0.03 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampled :

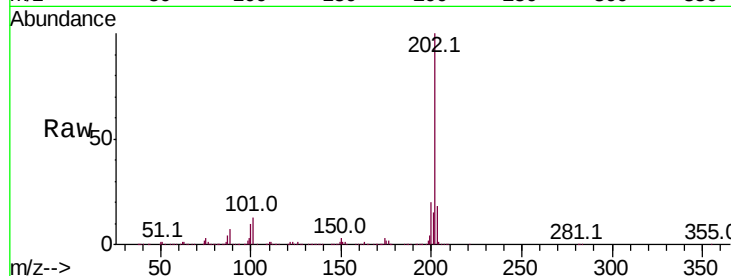
Tot Ion:202 Resp: 2633757

Ion Ratio Lower Upper

202 100

101 12.9 0.0 31.5

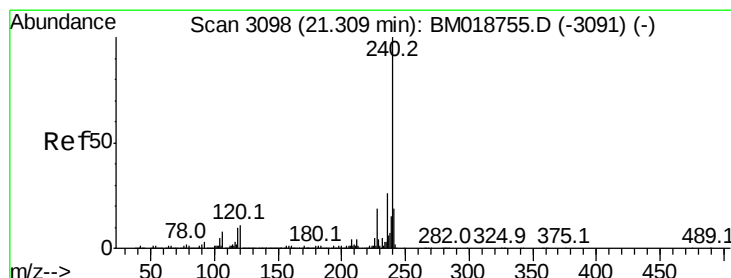
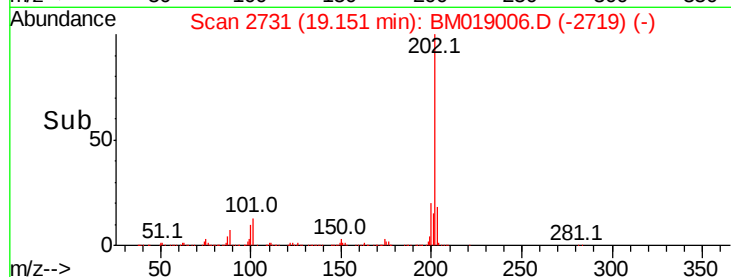
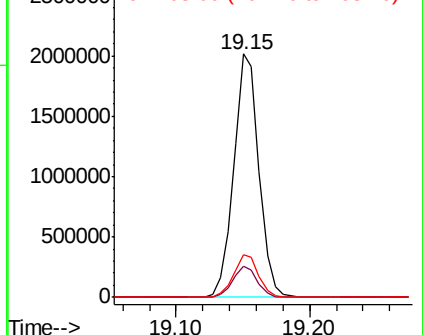
203 17.5 0.0 37.3



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: BM019006.D

Acq: 04 Mar 2019 13:04

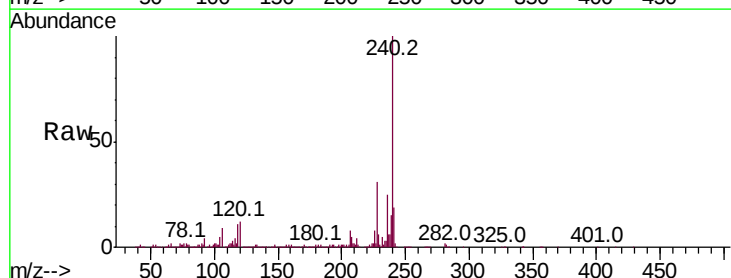
Tgt Ion:240 Resp: 828626

Ion Ratio Lower Upper

240 100

120 11.6 8.9 13.3

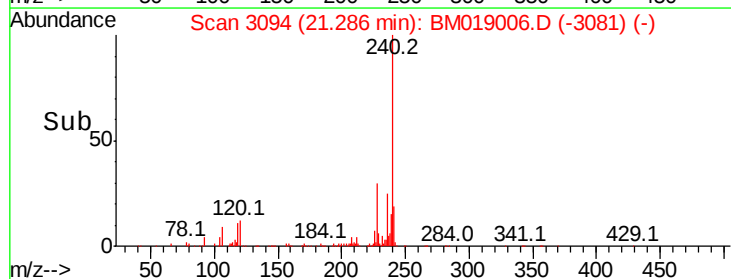
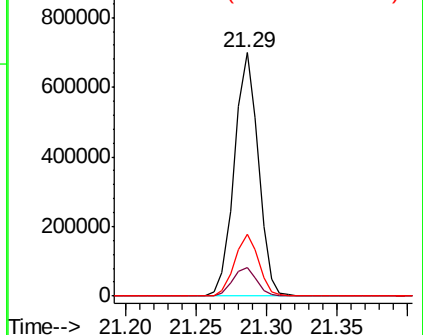
236 25.3 20.9 31.3

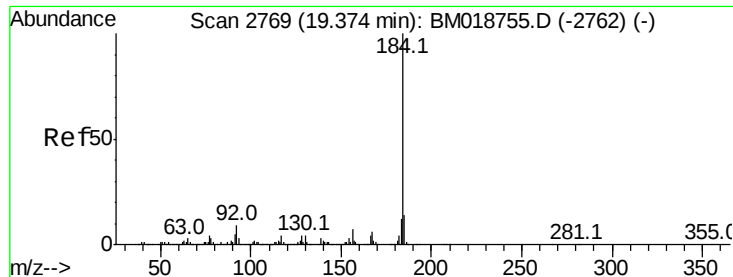


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 66.166 ng

RT: 19.35 min Scan# 2765

Delta R.T. -0.02 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

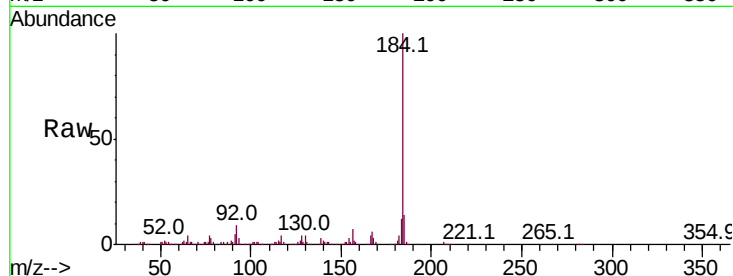
Instrument :

BNA_M

ClientSampleId :

Tot Ion:184 Resp: 1234788

Ion	Ratio	Lower	Upper
184	100		
185	13.7	11.2	16.8
183	12.4	9.7	14.5

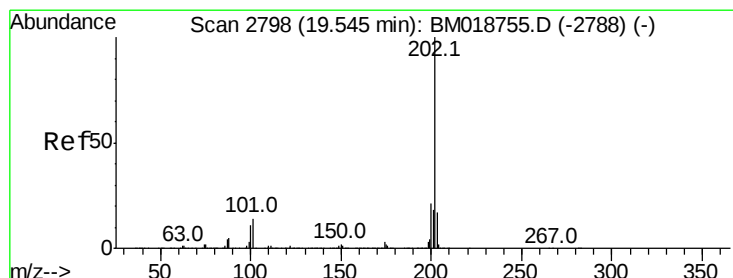
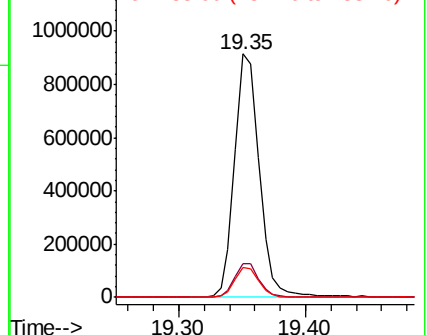
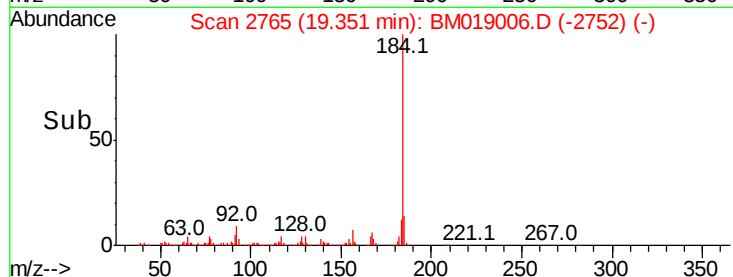


Abundance

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: 54.242 ng

RT: 19.52 min Scan# 2794

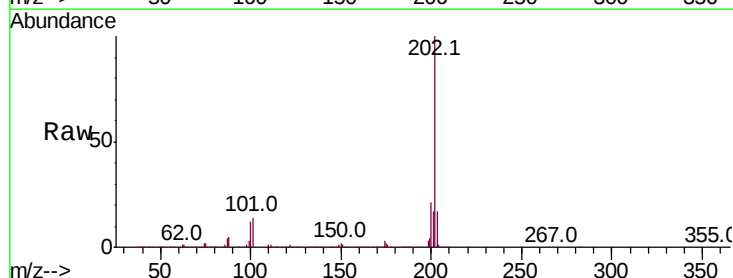
Delta R.T. -0.02 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Tgt Ion:202 Resp: 2610444

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.9	25.3
203	17.3	13.8	20.8

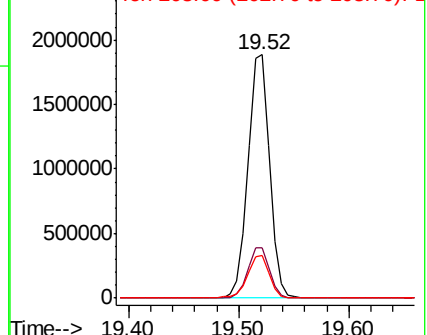
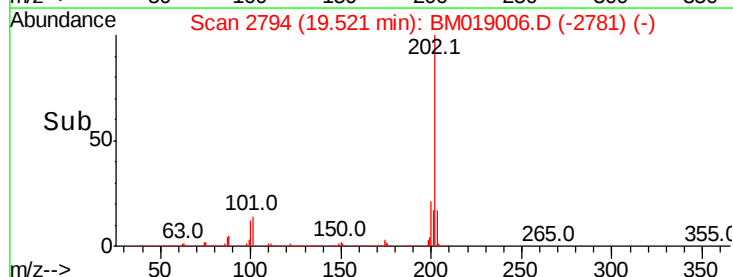


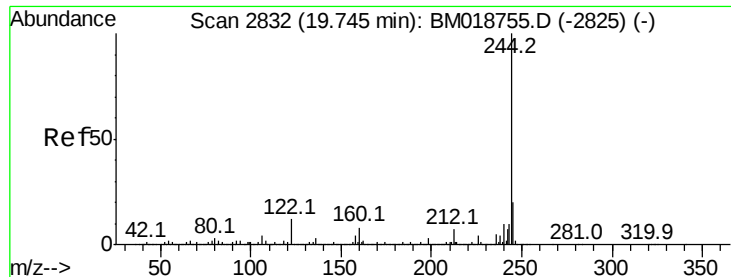
Abundance

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

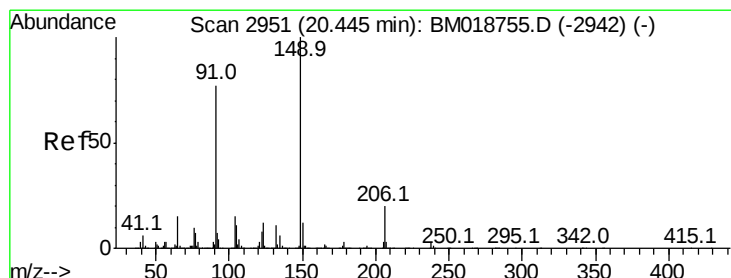
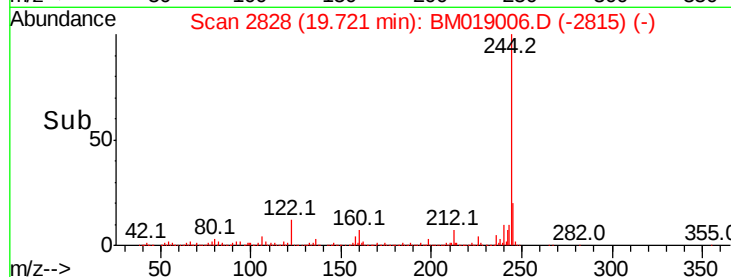
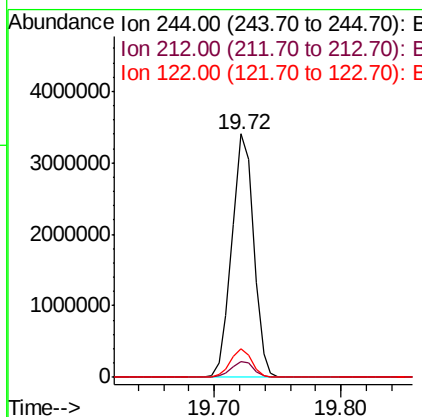
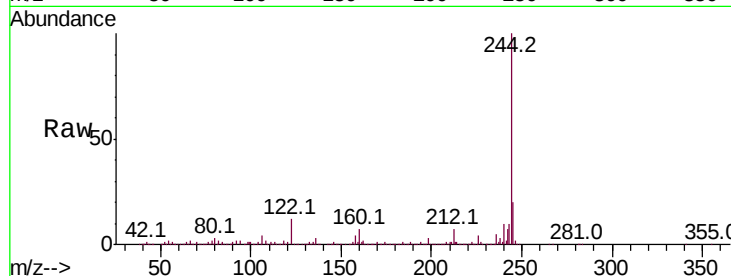




#79
 Terphenyl-d14
 Concen: 100.418 ng
 RT: 19.72 min Scan# 2828
 Delta R.T. -0.02 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

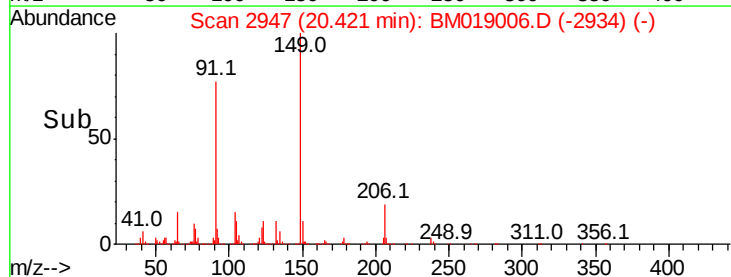
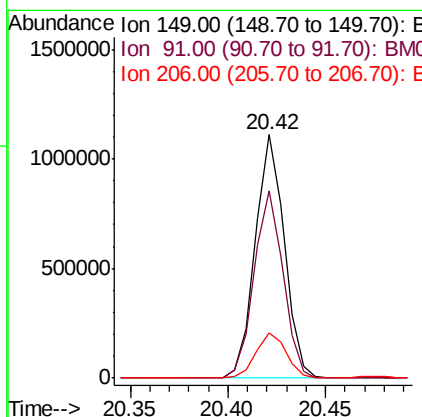
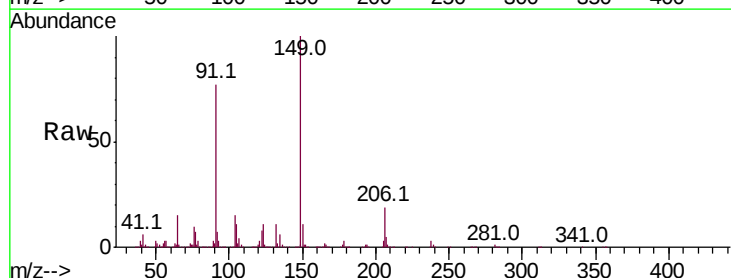
Instrument :
 BNA_M
 ClientSampled :

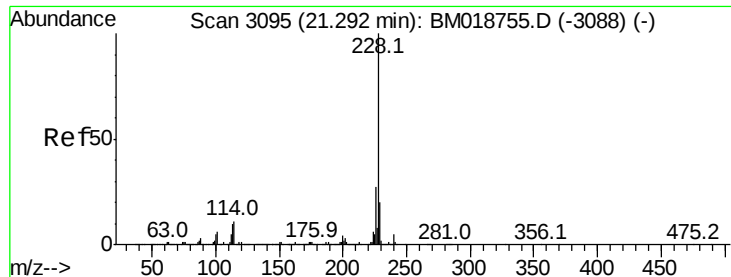
Tot Ion:244 Resp: 4033616
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.8 9.3 13.9



#80
 Butylbenzylphthalate
 Concen: 52.355 ng
 RT: 20.42 min Scan# 2947
 Delta R.T. -0.02 min
 Lab File: BM019006.D
 Acq: 04 Mar 2019 13:04

Tgt Ion:149 Resp: 1148284
 Ion Ratio Lower Upper
 149 100
 91 76.9 61.4 92.0
 206 18.6 15.8 23.8





#81

Benzo(a)anthracene

Concen: 41.947 ng

RT: 21.27 min Scan# 3091

Delta R.T. -0.02 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampled :

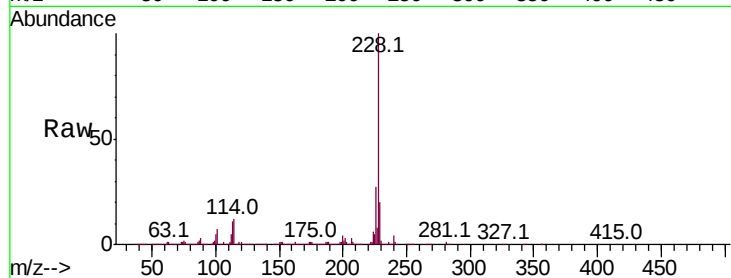
Tot Ion:228 Resp: 2026155

Ion Ratio Lower Upper

228 100

226 26.9 21.9 32.9

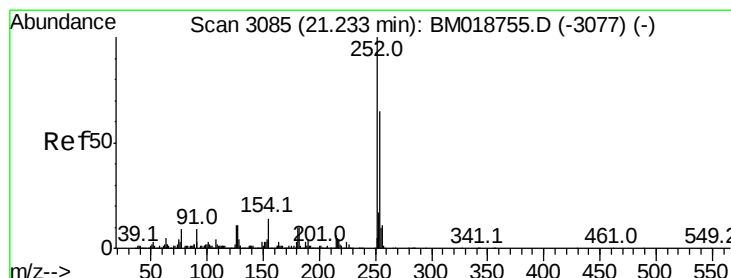
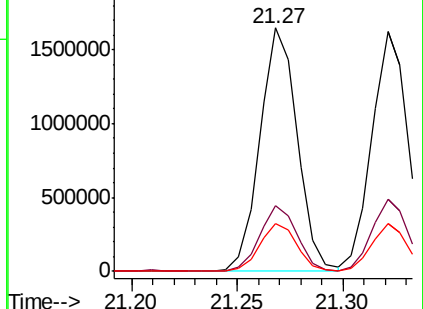
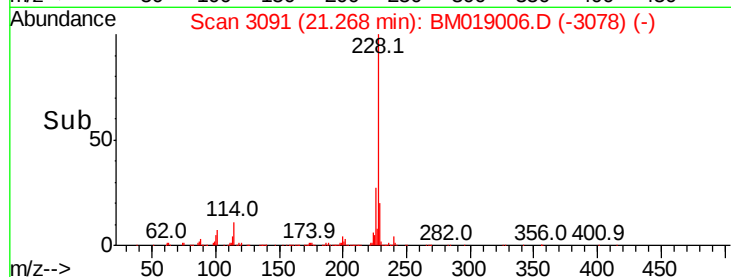
229 19.9 15.9 23.9



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 29.092 ng

RT: 21.21 min Scan# 3081

Delta R.T. -0.02 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

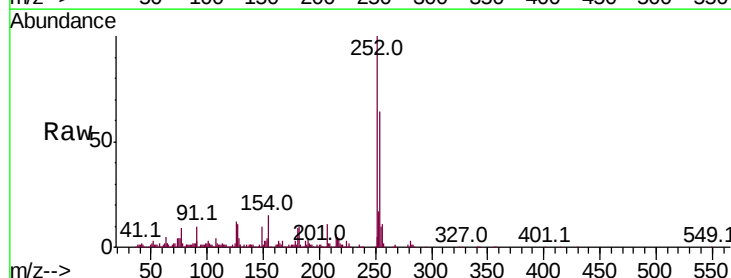
Tgt Ion:252 Resp: 555357

Ion Ratio Lower Upper

252 100

254 64.1 51.8 77.8

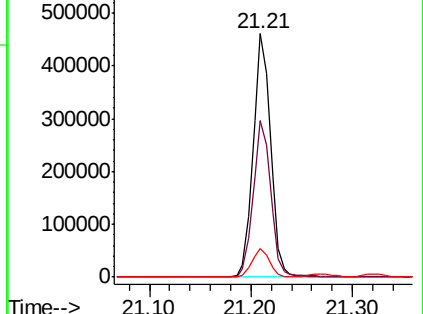
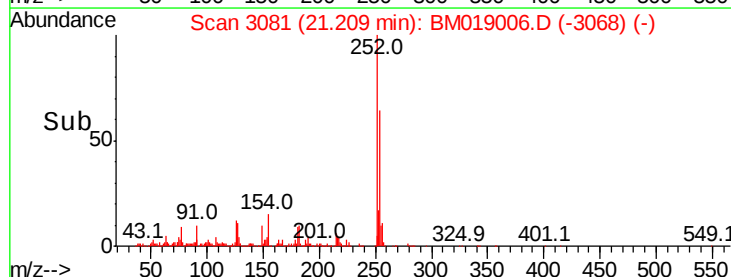
126 11.8 9.1 13.7

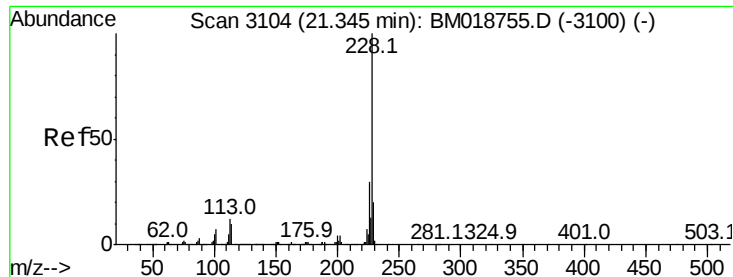


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

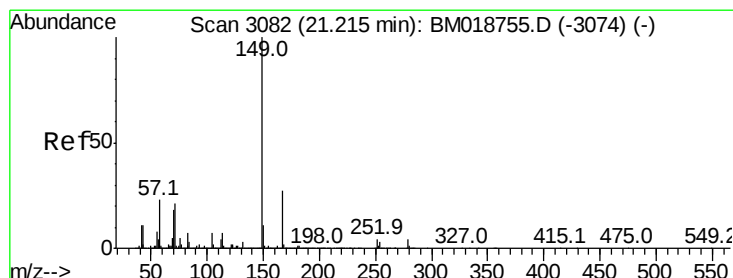
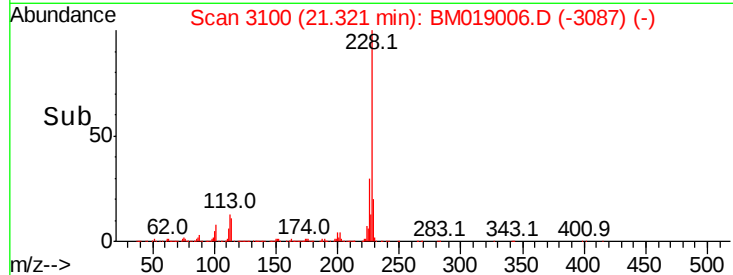
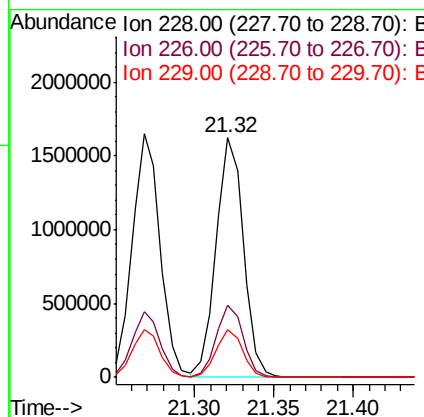
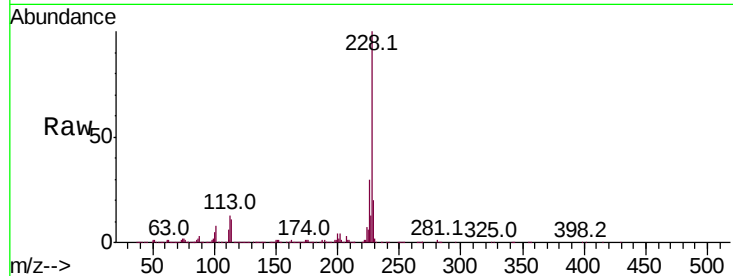




#83
Chrysene
Concen: 41.848 ng
RT: 21.32 min Scan# 3100
Delta R.T. -0.02 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

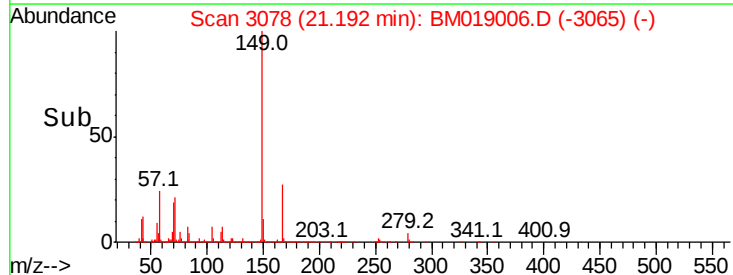
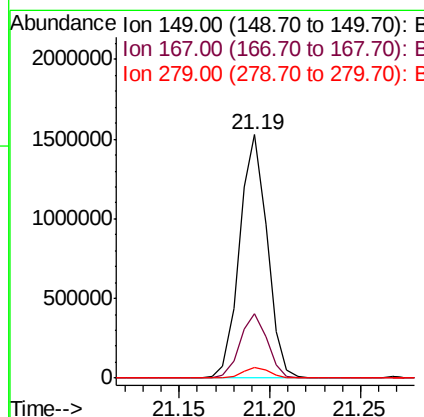
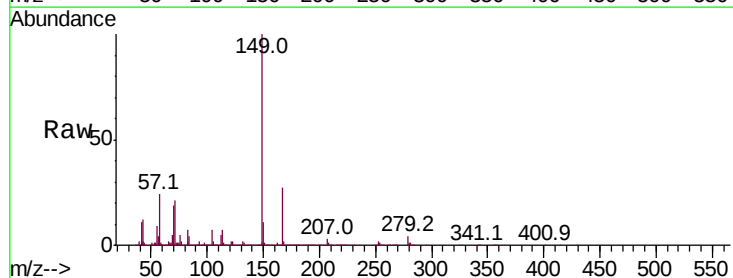
Instrument :
BNA_M
ClientSampleId :

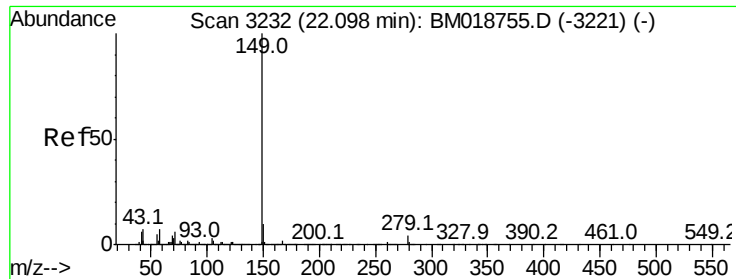
Tot Ion:228 Resp: 1937411
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 20.0 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 50.095 ng
RT: 21.19 min Scan# 3078
Delta R.T. -0.02 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion:149 Resp: 1608120
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.6
279 4.3 3.6 5.4





#85

Di-n-octyl phthalate

Concen: 44.503 ng

RT: 22.07 min Scan# 3228

Delta R.T. -0.02 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampleId :

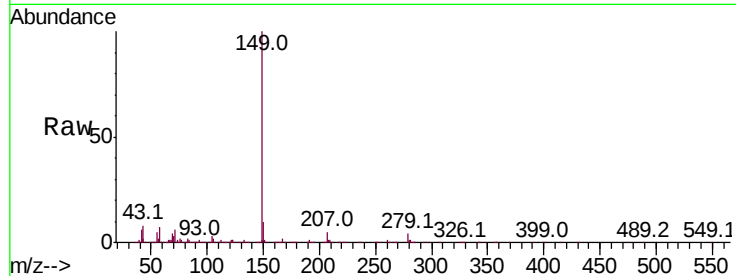
Tot Ion:149 Resp: 2401078

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

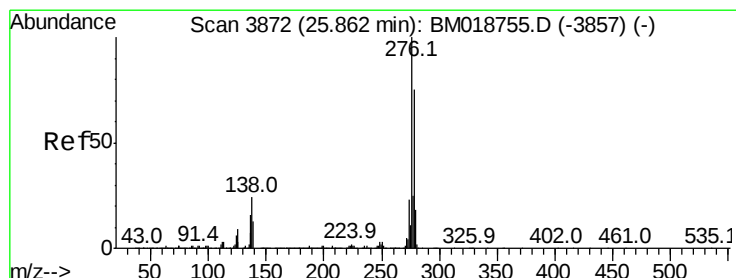
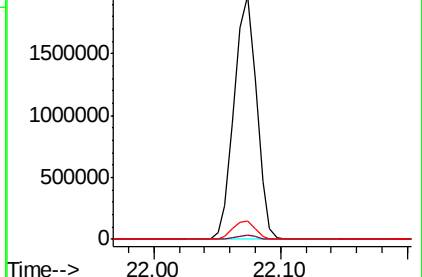
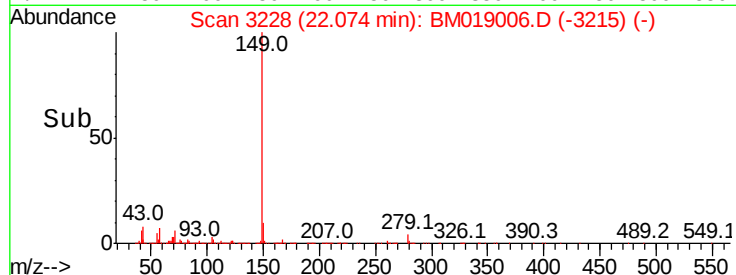
43 7.7 6.0 9.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 45.812 ng

RT: 25.81 min Scan# 3863

Delta R.T. -0.05 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

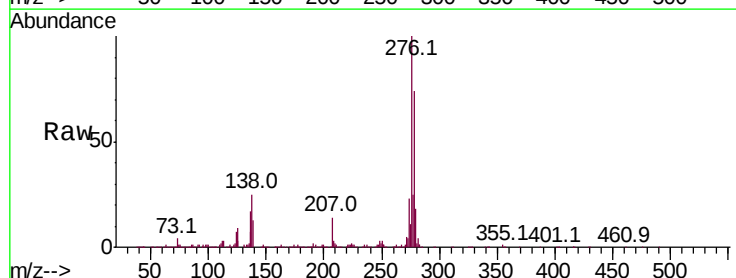
Tgt Ion:276 Resp: 2448734

Ion Ratio Lower Upper

276 100

138 25.3 20.2 30.4

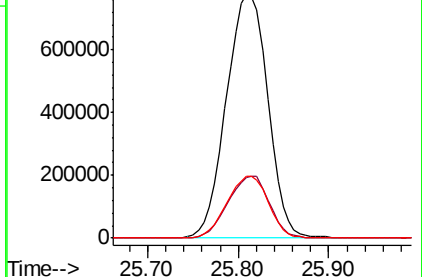
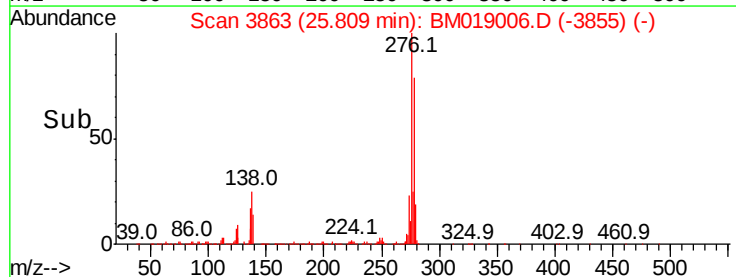
277 25.3 20.3 30.5

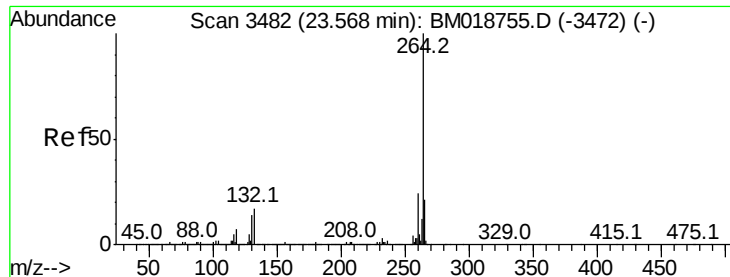


Abundance Ion 276.00 (275.70 to 276.70): E

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# 3476

Delta R.T. -0.04 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Instrument :

BNA_M

ClientSampled :

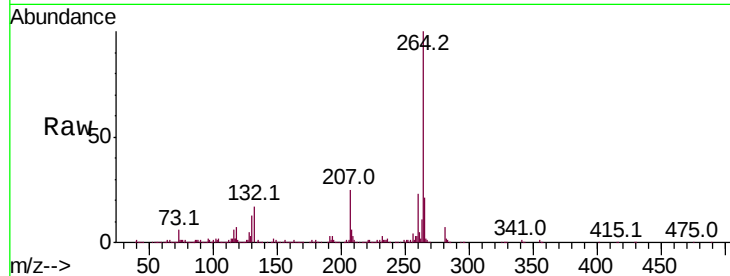
Tot Ion:264 Resp: 787585

Ion Ratio Lower Upper

264 100

260 22.9 18.9 28.3

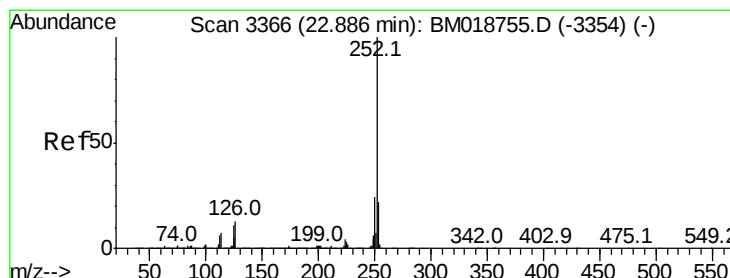
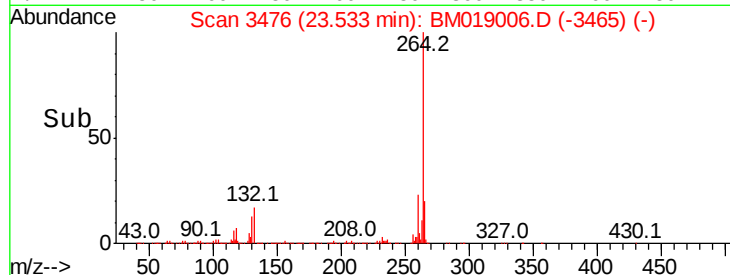
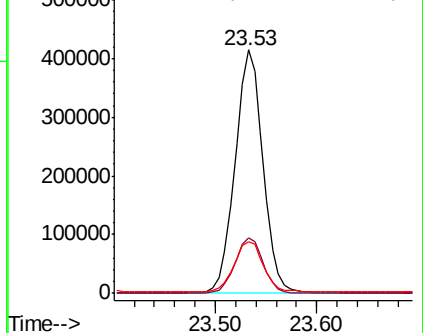
265 21.3 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 43.835 ng

RT: 22.86 min Scan# 3361

Delta R.T. -0.03 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

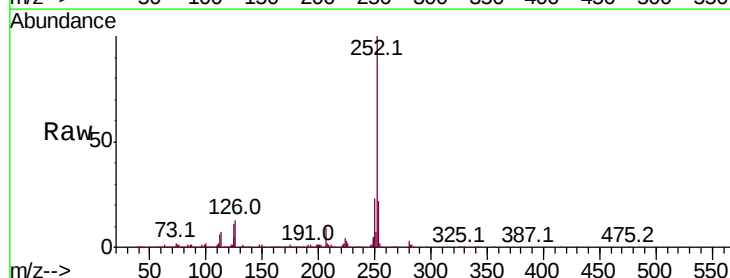
Tgt Ion:252 Resp: 1975256

Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

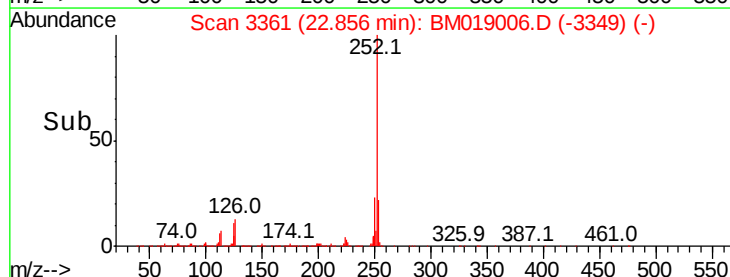
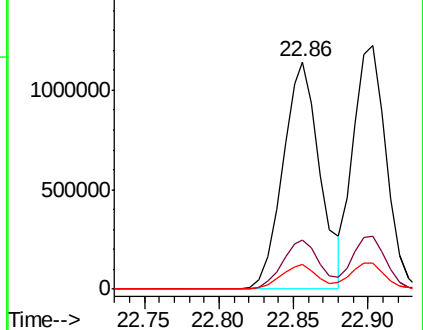
125 10.6 8.6 12.8

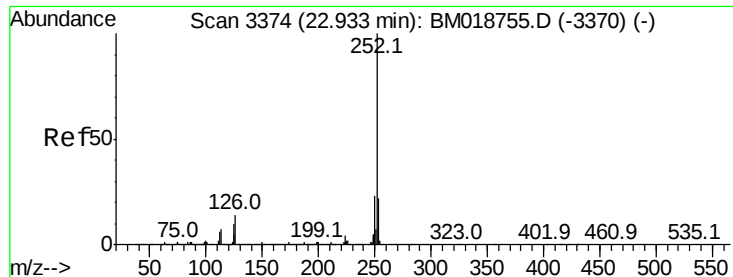


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

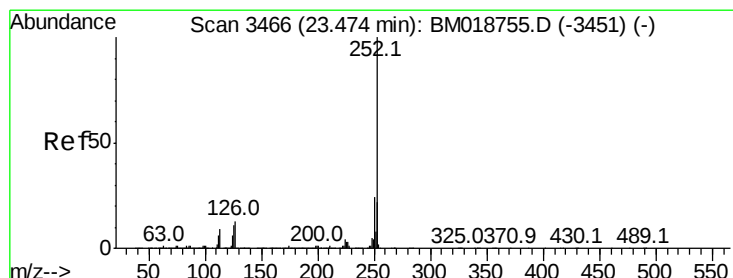
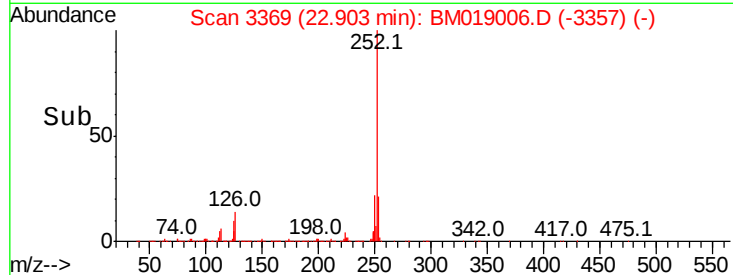
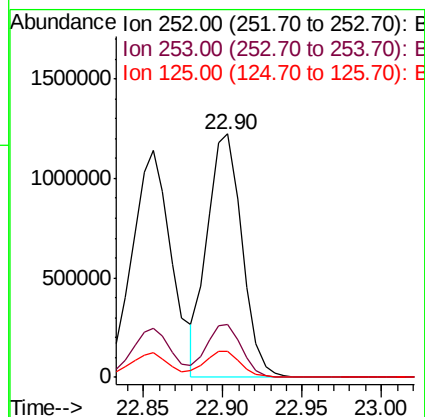
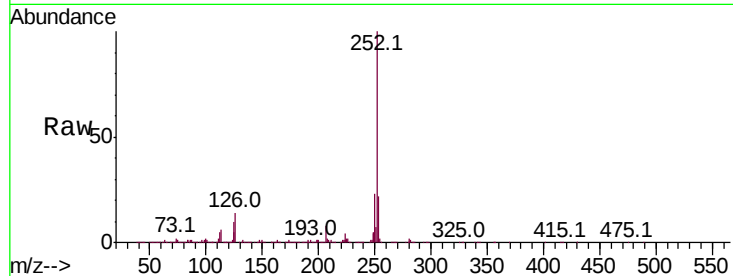




#89
Benzo(k)fluoranthene
Concen: 41.539 ng
RT: 22.90 min Scan# 3369
Delta R.T. -0.03 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

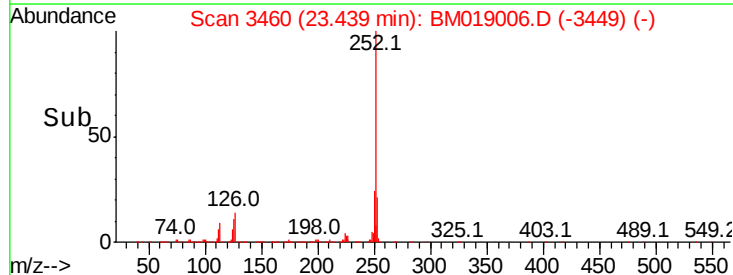
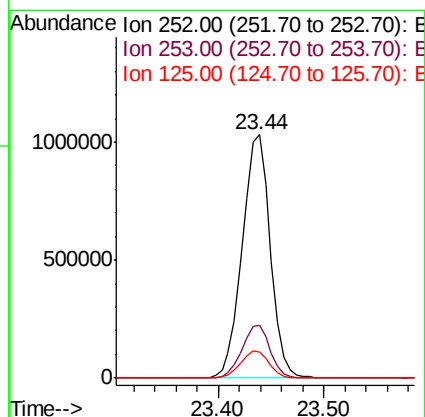
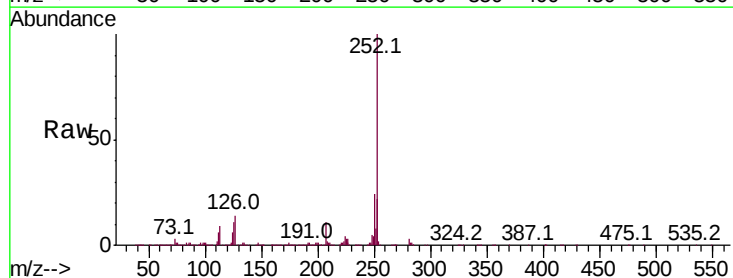
Instrument :
BNA_M
ClientSampleId :

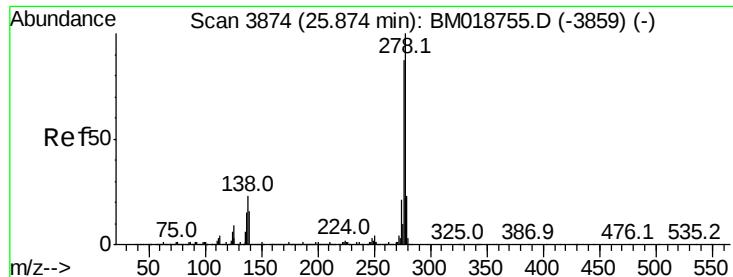
Tot Ion:252 Resp: 1863464
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 10.4 8.2 12.4



#90
Benzo(a)pyrene
Concen: 44.446 ng
RT: 23.44 min Scan# 3460
Delta R.T. -0.04 min
Lab File: BM019006.D
Acq: 04 Mar 2019 13:04

Tgt Ion:252 Resp: 1897252
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.8 8.6 13.0





#91

Dibenzo(a,h)anthracene

Concen: 49.607 ng

RT: 25.82 min Scan# 3865

Delta R.T. -0.05 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

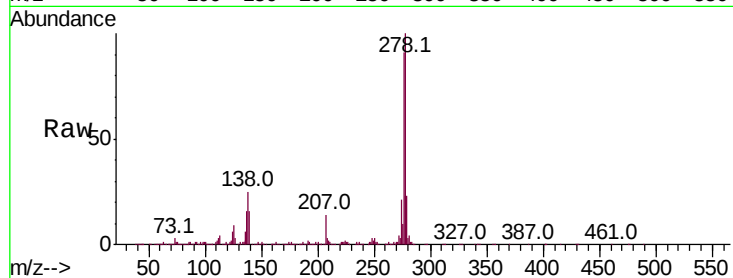
Instrument :

BNA_M

ClientSampleId :

Tot Ion:278 Resp: 2097982

Ion	Ratio	Lower	Upper
278	100		
139	16.2	12.6	18.8
279	23.4	18.6	28.0

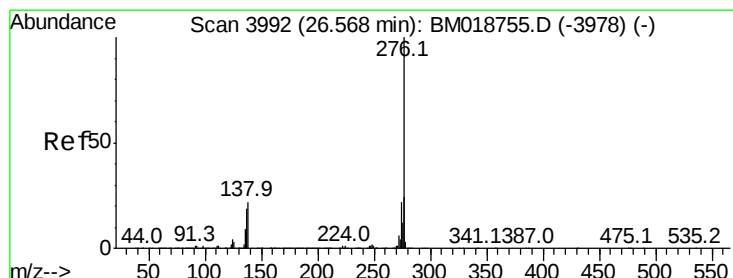
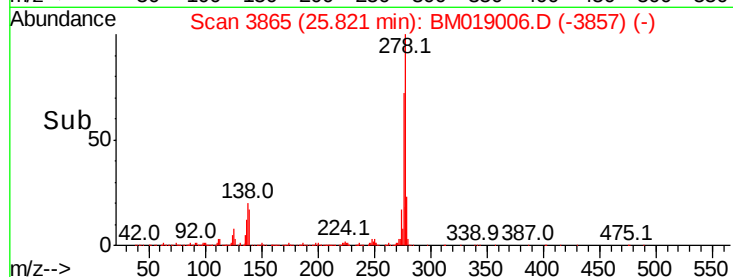
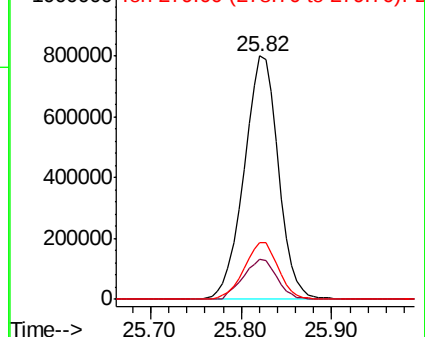


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.938 ng

RT: 26.51 min Scan# 3982

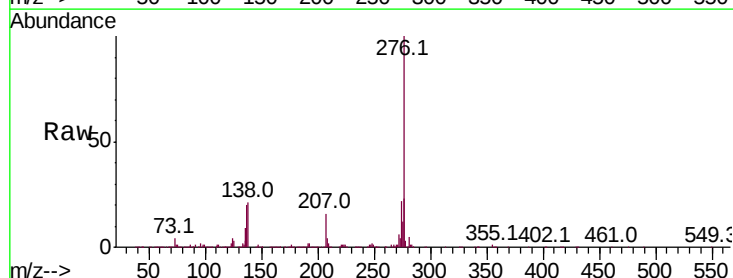
Delta R.T. -0.06 min

Lab File: BM019006.D

Acq: 04 Mar 2019 13:04

Tgt Ion:276 Resp: 2044939

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.2	28.8
138	21.4	17.3	25.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

