

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020419\
 Data File : BM018723.D
 Acq On : 04 Feb 2019 17:48
 Operator : JU/SJ
 Sample : K1361-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMS

Quant Time: Feb 04 23:51:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	224140	20.00	ng	0.00
21) Naphthalene-d8	10.50	136	837967	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	418302	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	841382	20.00	ng	0.00
76) Chrysene-d12	21.32	240	818291	20.00	ng	0.00
87) Perylene-d12	23.57	264	889156	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1511064	124.48	ng	0.00
7) Phenol-d6	6.89	99	1897735	123.09	ng	0.00
23) Nitrobenzene-d5	8.89	82	1121621	77.59	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	596324	111.96	ng	0.00
45) 2-Fluorobiphenyl	12.99	172	2470734	77.07	ng	0.00
79) Terphenyl-d14	19.75	244	2999236	77.26	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	214083	43.272	ng	98
3) Pyridine	3.66	79	251816	20.415	ng	98
4) n-Nitrosodimethylamine	3.58	42	289804	56.818	ng	# 92
6) Aniline	7.06	93	636726	37.023	ng	98
8) 2-Chlorophenol	7.29	128	744141	52.489	ng	95
9) Benzaldehyde	6.87	77	399213	47.553	ng	99
10) Phenol	6.92	94	942813	60.179	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	600224	48.758	ng	98
12) 1,3-Dichlorobenzene	7.60	146	813389	48.176	ng	99
13) 1,4-Dichlorobenzene	7.75	146	831496	48.591	ng	100
14) 1,2-Dichlorobenzene	8.07	146	792707	48.854	ng	99
15) Benzyl Alcohol	7.97	79	563343	50.590	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.24	45	803686	51.087	ng	97
17) 2-Methylphenol	8.16	107	555609	52.246	ng	99
18) Hexachloroethane	8.78	117	290224	47.567	ng	97
19) n-Nitroso-di-n-propylamine	8.53	70	464492	46.295	ng	93
20) 3+4-Methylphenols	8.49	107	738209	50.284	ng	98
22) Acetophenone	8.55	105	972298	46.905	ng	98
24) Nitrobenzene	8.93	77	709467	49.883	ng	99
25) Isophorone	9.45	82	1204005	55.005	ng	99
26) 2-Nitrophenol	9.63	139	368535	53.588	ng	95
27) 2,4-Dimethylphenol	9.69	122	596823	57.899	ng	98
28) bis(2-Chloroethoxy)methane	9.93	93	770562	50.959	ng	98
29) 2,4-Dichlorophenol	10.16	162	639850	52.129	ng	98
30) 1,2,4-Trichlorobenzene	10.37	180	740937	48.633	ng	99
31) Naphthalene	10.56	128	2141379	53.061	ng	99
32) Benzoic acid	9.80	122	182346	29.216	ng	97
33) 4-Chloroaniline	10.68	127	290792	18.296	ng	99
34) Hexachlorobutadiene	10.82	225	444789	46.212	ng	99
35) Caprolactam	11.49	113	127750	30.612	ng	91
36) 4-Chloro-3-methylphenol	11.80	107	622745	48.359	ng	99
37) 2-Methylnaphthalene	12.17	142	1507653	52.875	ng	99
38) 1-Methylnaphthalene	12.40	142	1429686	51.821	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	771967	52.774	ng	99

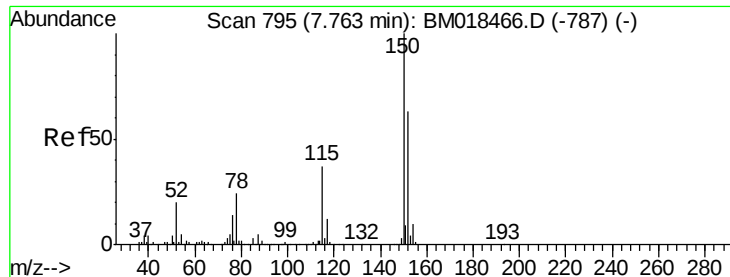
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM020419\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	928912	115.706	ng	100
43) 2,4,6-Trichlorophenol	12.79	196	486566	54.776	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	506501	54.216	ng	98
46) 1,1'-Biphenyl	13.20	154	1860088	50.928	ng	99
47) 2-Chloronaphthalene	13.24	162	1448783	51.152	ng	99
48) 2-Nitroaniline	13.46	65	358131	51.396	ng	92
49) Acenaphthylene	14.09	152	2258151	54.709	ng	99
50) Dimethylphthalate	13.83	163	1921717	55.939	ng	99
51) 2,6-Dinitrotoluene	13.96	165	369451	50.770	ng	90
52) Acenaphthene	14.43	154	1294202	51.246	ng	99
53) 3-Nitroaniline	14.29	138	235558	32.108	ng	97
54) 2,4-Dinitrophenol	14.50	184	338315	85.351	ng	93
55) Dibenzofuran	14.77	168	2051954	49.175	ng	100
56) 4-Nitrophenol	14.60	139	609152	96.113	ng	97
57) 2,4-Dinitrotoluene	14.74	165	500118	48.573	ng	99
58) Fluorene	15.42	166	1609911	51.791	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	436926	52.764	ng	96
60) Diethylphthalate	15.20	149	1627528	46.929	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	823245	45.951	ng	98
62) 4-Nitroaniline	15.46	138	332355	41.533	ng	95
63) Azobenzene	15.71	77	1367468	48.362	ng	97
65) 4,6-Dinitro-2-methylphenol	15.51	198	253348	47.326	ng	88
66) n-Nitrosodiphenylamine	15.63	169	1376088	52.725	ng	100
67) 4-Bromophenyl-phenylether	16.31	248	478178	50.786	ng	99
68) Hexachlorobenzene	16.42	284	530967	50.373	ng	98
69) Atrazine	16.59	200	450032	47.697	ng	99
70) Pentachlorophenol	16.77	266	607728	88.035	ng	99
71) Phenanthrene	17.16	178	2408354	53.814	ng	99
72) Anthracene	17.25	178	2429188	56.447	ng	100
73) Carbazole	17.53	167	2162290	48.906	ng	99
74) Di-n-butylphthalate	18.09	149	2556831	52.794	ng	99
75) Fluoranthene	19.18	202	2658945	51.533	ng	99
77) Benzidine	19.38	184	469354	23.230	ng	100
78) Pyrene	19.55	202	2712334	55.920	ng	100
80) Butylbenzylphthalate	20.45	149	1102314	53.259	ng	97
81) Benzo(a)anthracene	21.30	228	2639802	54.760	ng	99
82) 3,3'-Dichlorobenzidine	21.24	252	646179	35.448	ng	100
83) Chrysene	21.35	228	2493812	53.572	ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1574047	52.667	ng	99
85) Di-n-octyl phthalate	22.10	149	2696585	53.645	ng	95
86) Indeno(1,2,3-cd)pyrene	25.87	276	3487882	64.978	ng	98
88) Benzo(b)fluoranthene	22.89	252	2671988	52.932	ng	99
89) Benzo(k)fluoranthene	22.94	252	2671515	52.514	ng	99
90) Benzo(a)pyrene	23.48	252	2702118	55.913	ng	98
91) Dibenzo(a,h)anthracene	25.89	278	2920911	59.651	ng	99
92) Benzo(g,h,i)perylene	26.58	276	2943043	61.762	ng	97

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

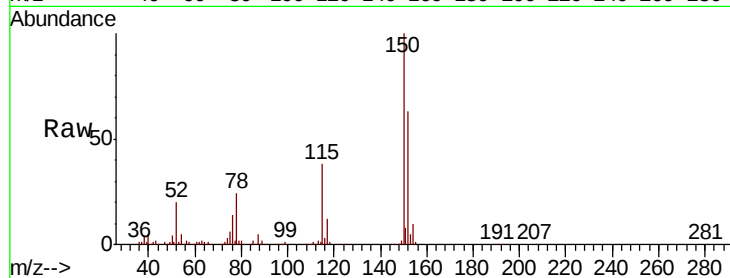


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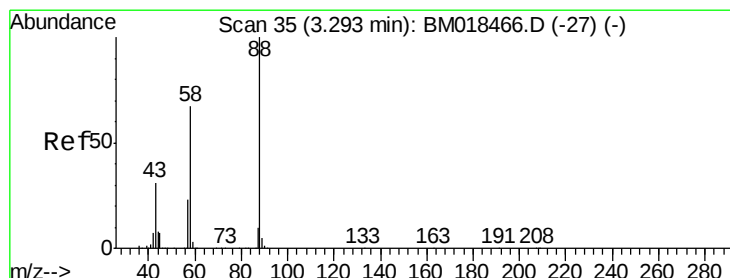
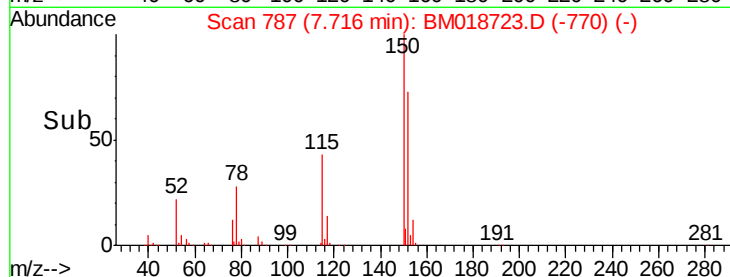
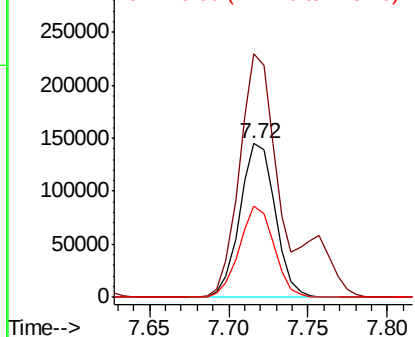
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMS

Tgt Ion:152 Resp: 224140
Ion Ratio Lower Upper
152 100
150 158.6 126.9 190.3
115 59.6 45.5 68.3



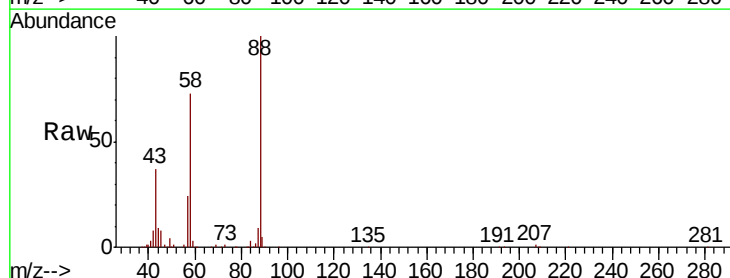
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



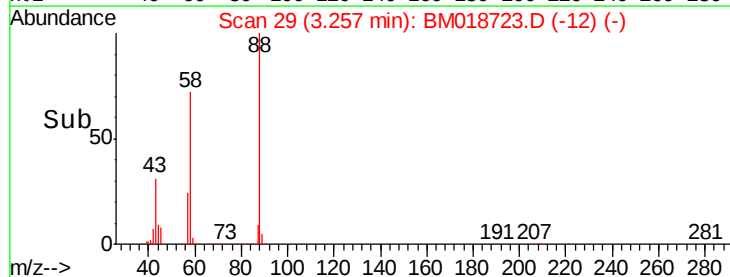
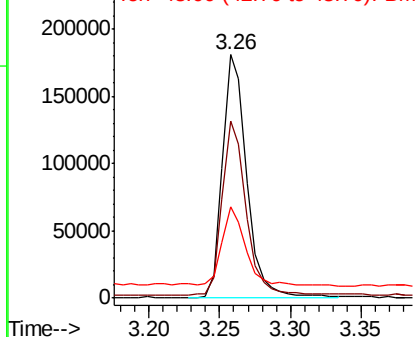
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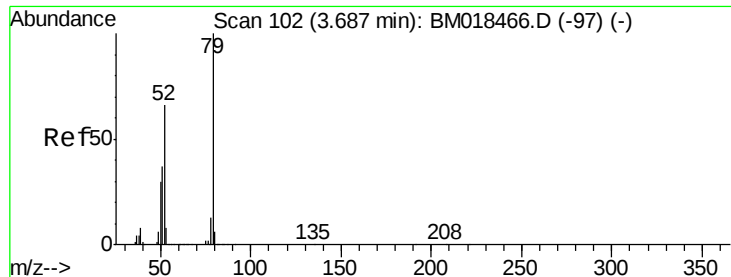
1,4-Dioxane
Concen: 43.272 ng
RT: 3.26 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion: 88 Resp: 214083
Ion Ratio Lower Upper
88 100
58 70.5 58.4 87.6
43 33.2 26.2 39.4



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

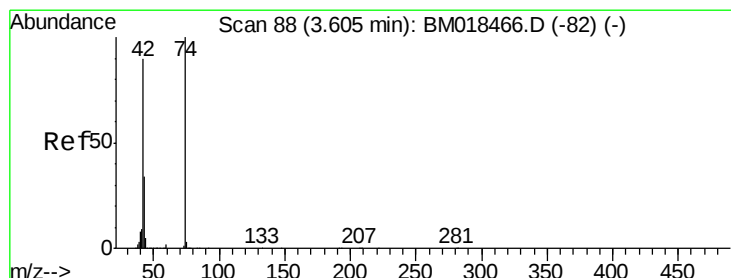
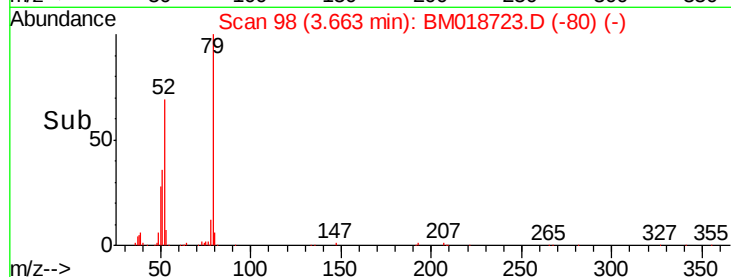
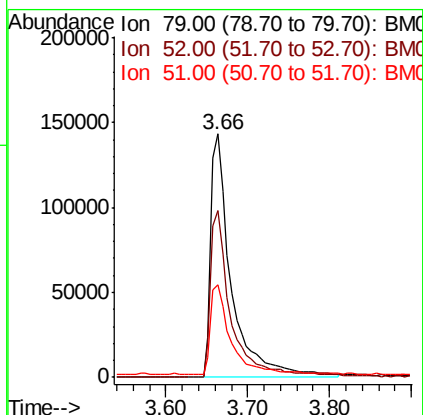
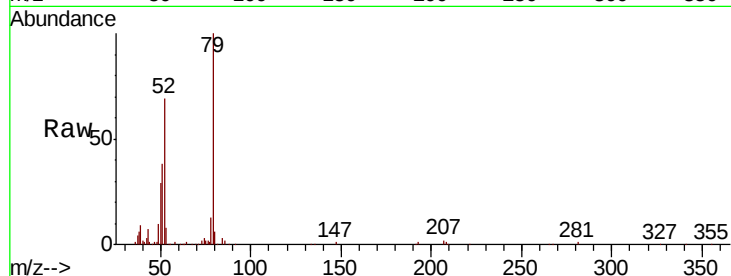




#3
 Pyridine
 Concen: 20.415 ng
 RT: 3.66 min Scan# 98
 Delta R.T. 0.01 min
 Lab File: BM018723.D
 Acq: 04 Feb 2019 17:48

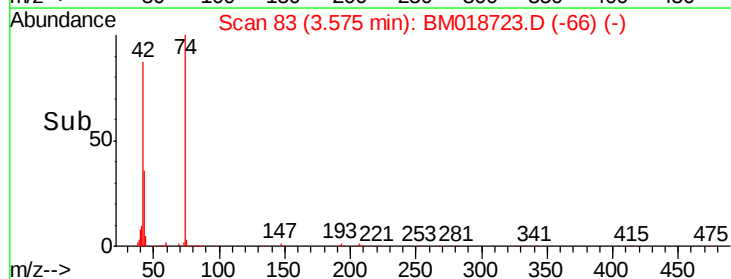
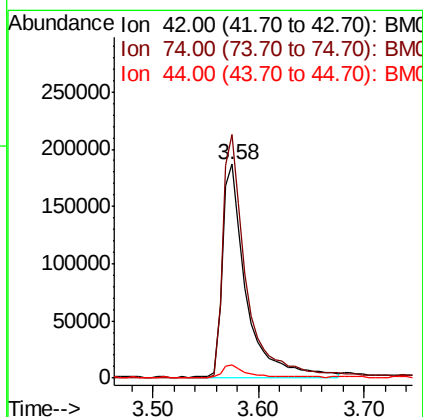
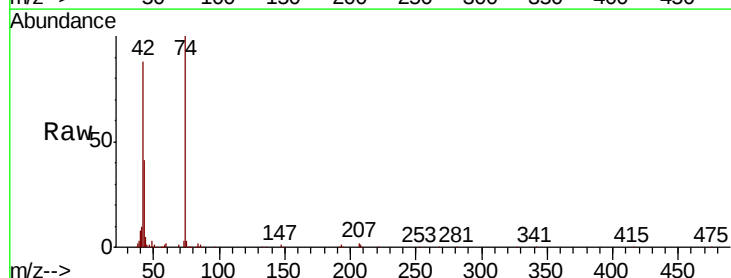
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMS

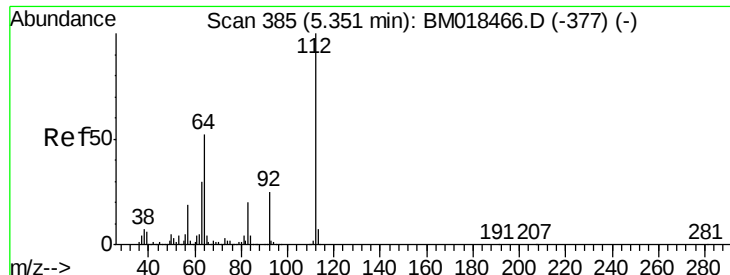
Tgt Ion: 79 Resp: 251816
 Ion Ratio Lower Upper
 79 100
 52 68.8 56.4 84.6
 51 37.8 31.0 46.4



#4
 n-Nitrosodimethylamine
 Concen: 56.818 ng
 RT: 3.58 min Scan# 83
 Delta R.T. 0.00 min
 Lab File: BM018723.D
 Acq: 04 Feb 2019 17:48

Tgt Ion: 42 Resp: 289804
 Ion Ratio Lower Upper
 42 100
 74 113.7 88.6 132.8
 44 6.1 16.9 25.3#





#5

2-Fluorophenol

Concen: 124.483 ng

RT: 5.31 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

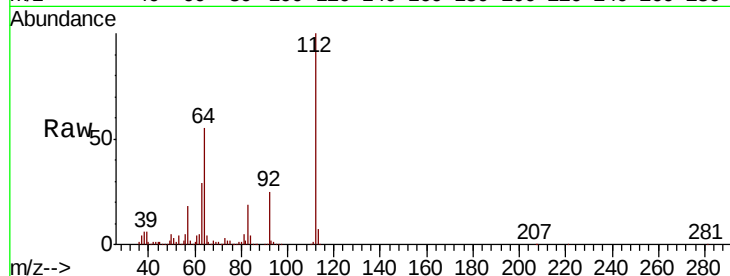
Tgt Ion: 112 Resp: 1511064

Ion Ratio Lower Upper

112 100

64 54.7 46.5 69.7

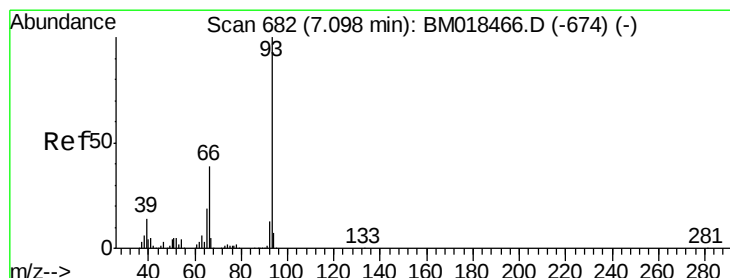
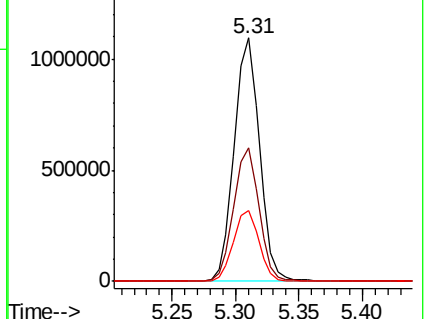
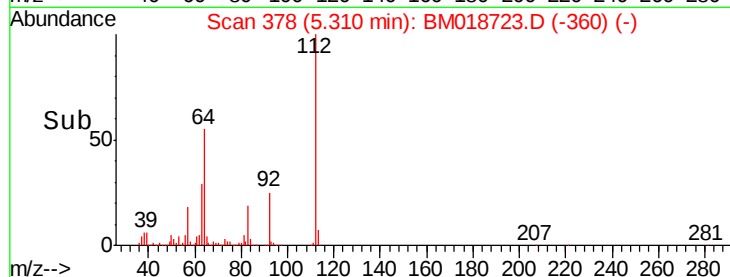
63 29.1 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BM

Ion 63.00 (62.70 to 63.70): BM



#6

Aniline

Concen: 37.023 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

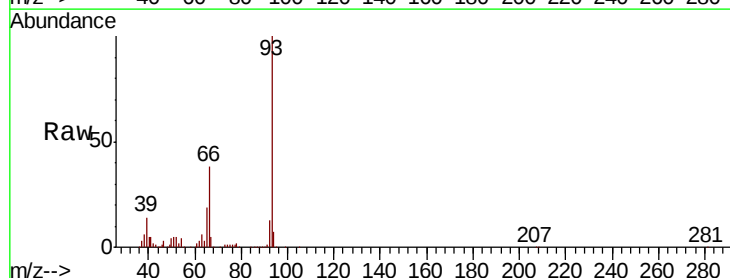
Tgt Ion: 93 Resp: 636726

Ion Ratio Lower Upper

93 100

66 38.4 31.7 47.5

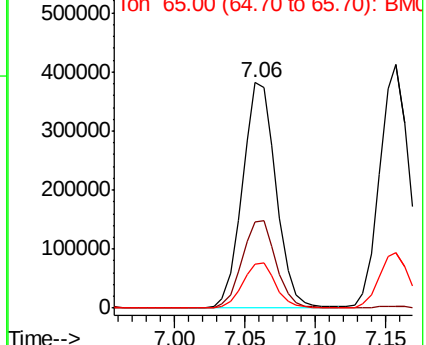
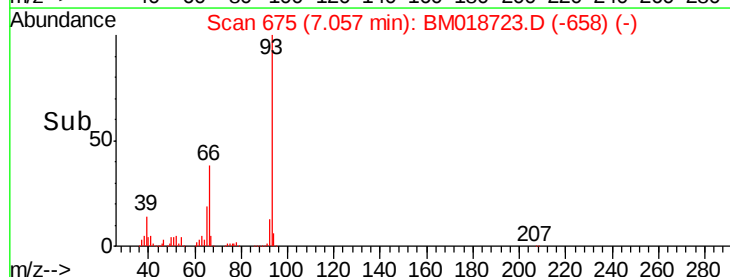
65 19.3 15.9 23.9

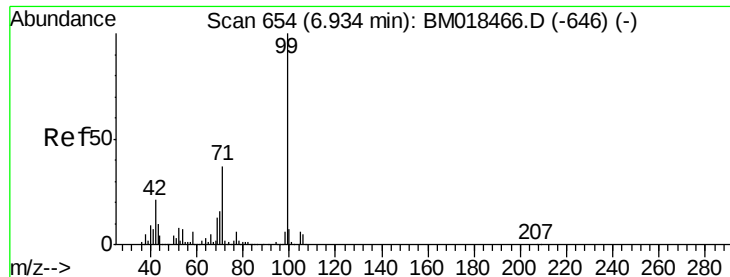


Abundance Ion 93.00 (92.70 to 93.70): BM

Ion 66.00 (65.70 to 66.70): BM

Ion 65.00 (64.70 to 65.70): BM





#7

Phenol-d6

Concen: 123.089 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

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FK-BPM-03-006-ABCDMS

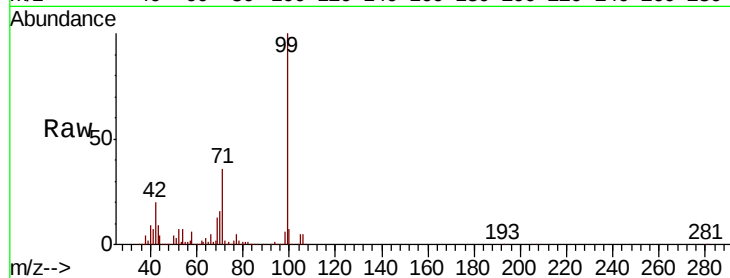
Tgt Ion: 99 Resp: 1897735

Ion Ratio Lower Upper

99 100

42 20.0 17.3 25.9

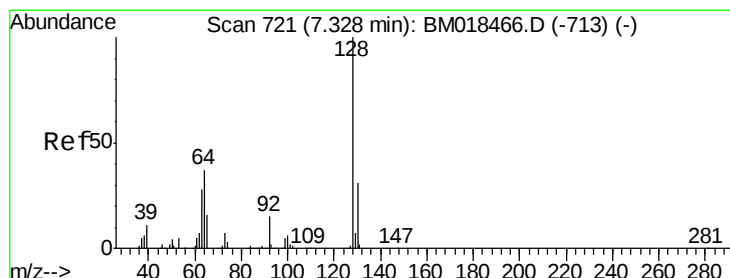
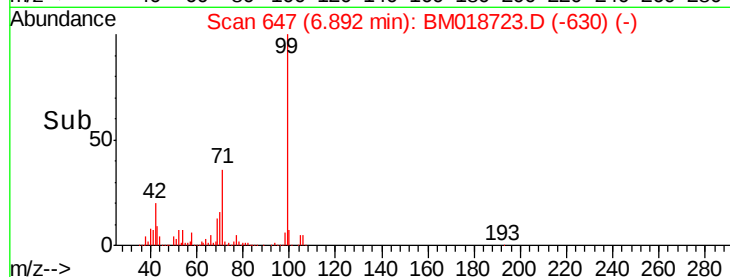
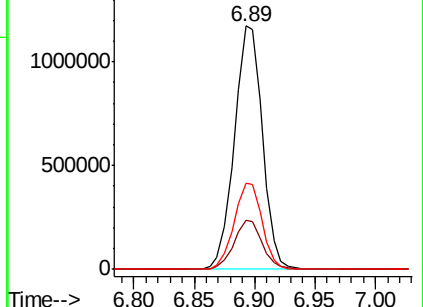
71 35.6 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018466.D (-646) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-646) (-)

Ion 71.00 (70.70 to 71.70): BM018466.D (-646) (-)



#8

2-Chlorophenol

Concen: 52.489 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

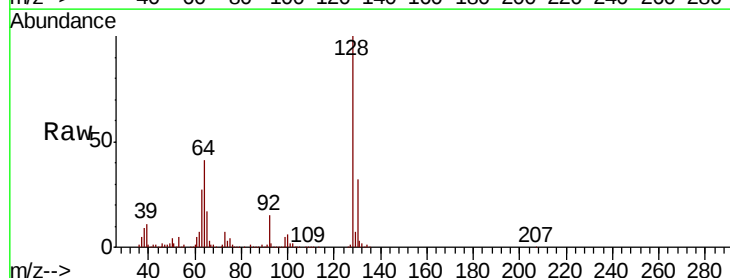
Tgt Ion: 128 Resp: 744141

Ion Ratio Lower Upper

128 100

130 32.0 13.6 53.6

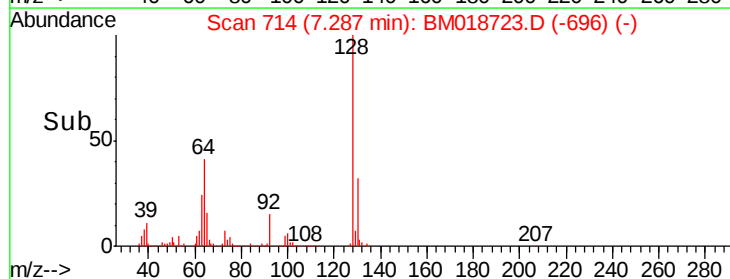
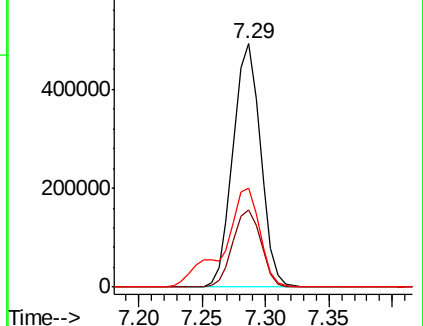
64 40.8 24.8 64.8

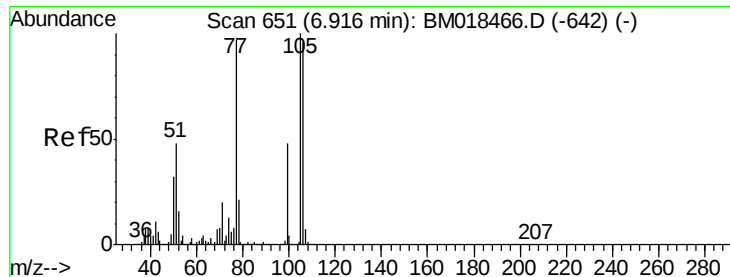


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-713) (-)

Ion 64.00 (63.70 to 64.70): BM018466.D (-713) (-)





#9

Benzaldehyde

Concen: 47.553 ng

RT: 6.87 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

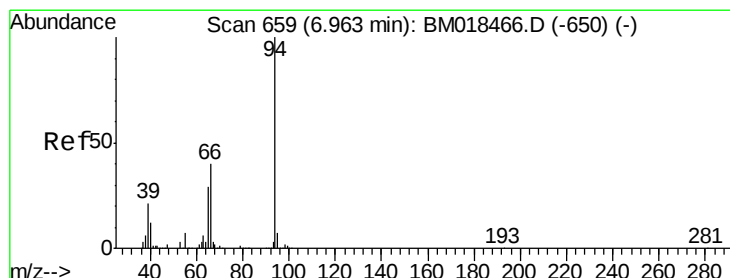
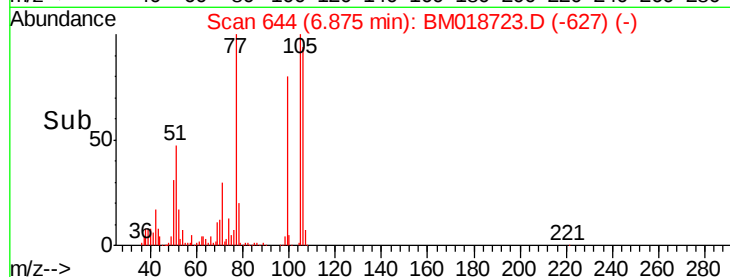
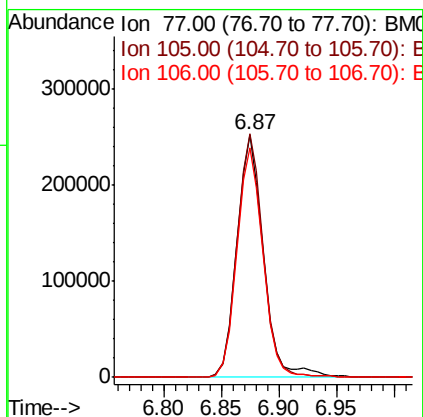
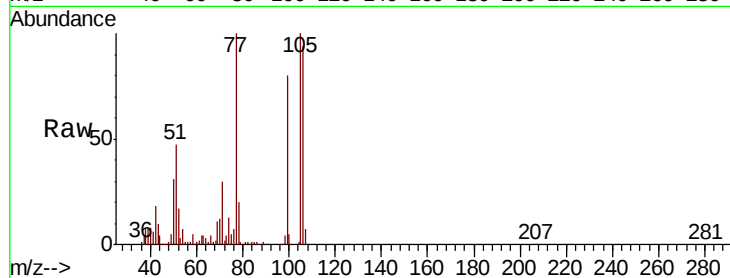
Tgt Ion: 77 Resp: 399213

Ion Ratio Lower Upper

77 100

105 100.2 79.7 119.7

106 94.5 75.2 115.2



#10

Phenol

Concen: 60.179 ng

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

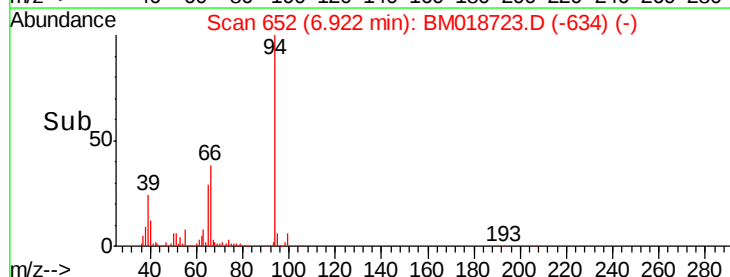
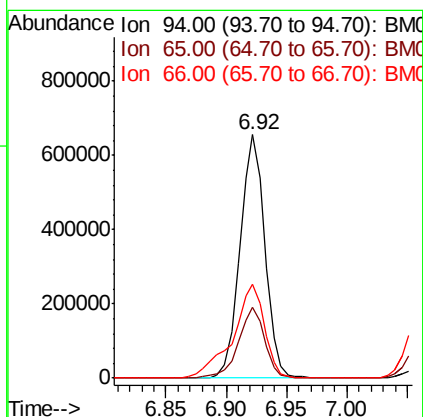
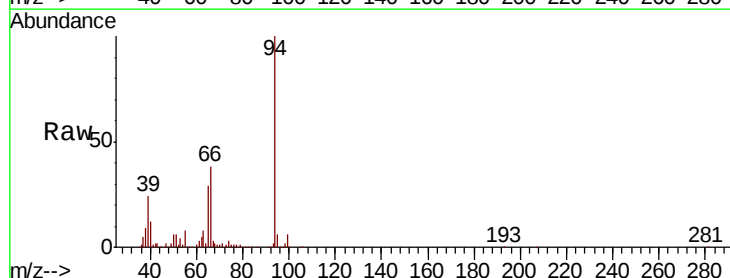
Tgt Ion: 94 Resp: 942813

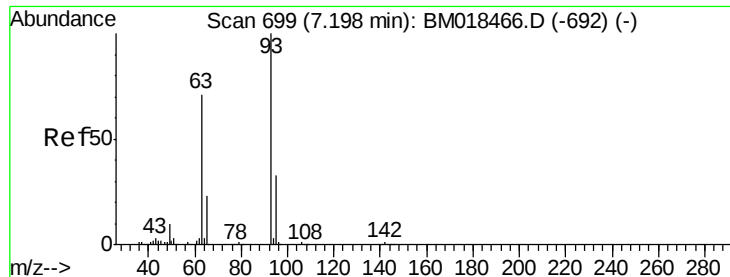
Ion Ratio Lower Upper

94 100

65 29.0 9.4 49.4

66 38.4 19.1 59.1

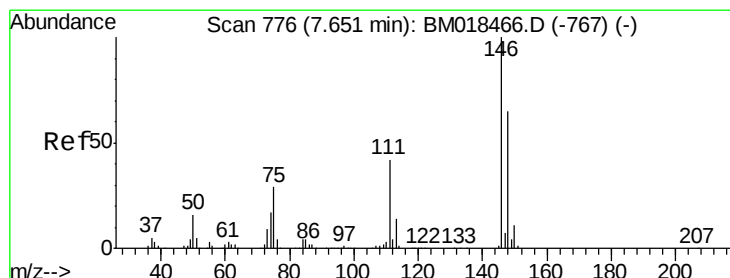
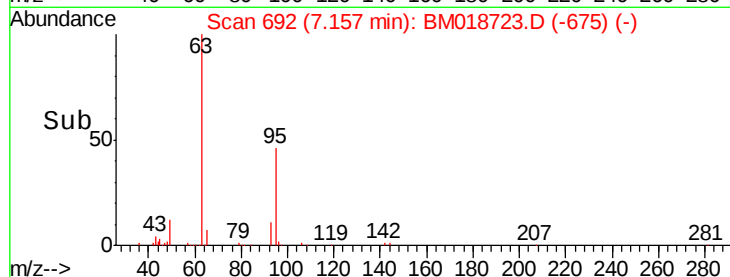
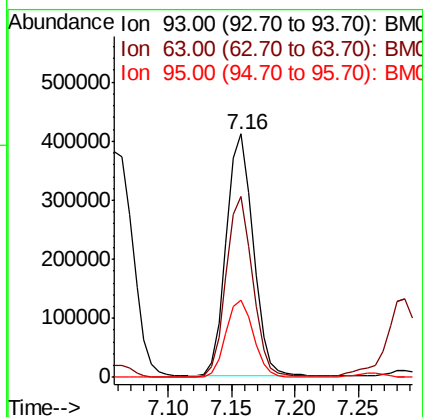
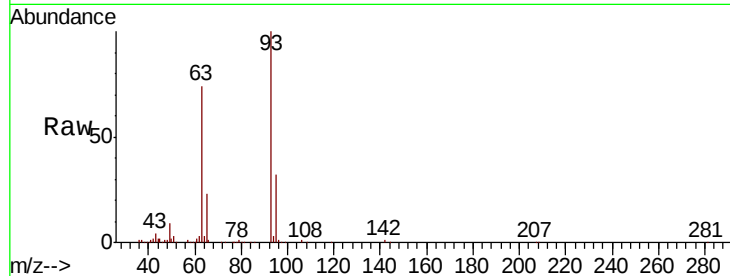




#11
bis(2-Chloroethyl)ether
Concen: 48.758 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

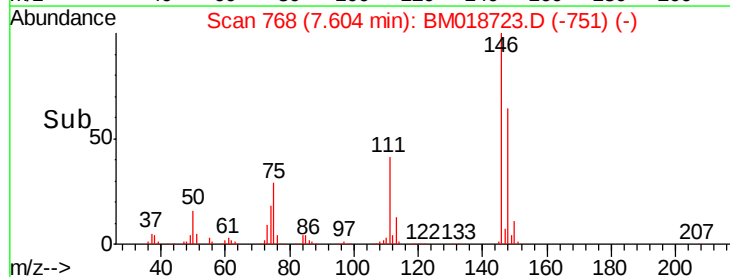
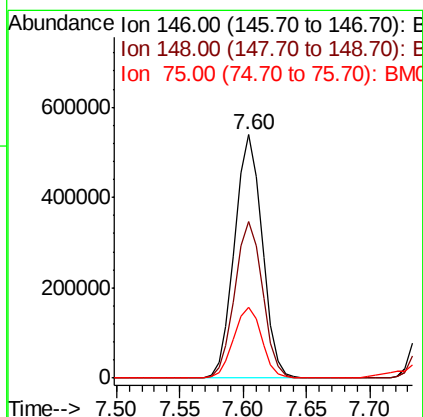
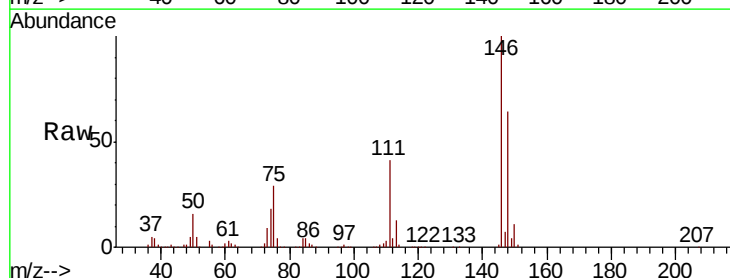
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMS

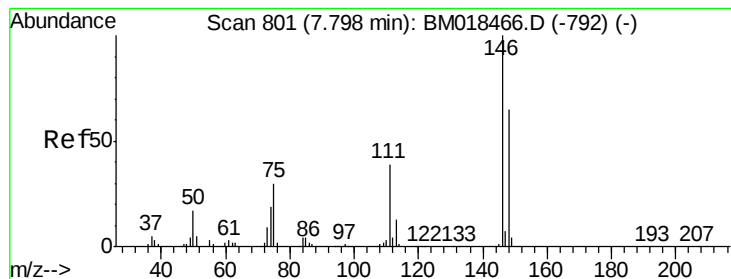
Tgt Ion: 93 Resp: 600224
Ion Ratio Lower Upper
93 100
63 74.2 56.4 96.4
95 31.8 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 48.176 ng
RT: 7.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion: 146 Resp: 813389
Ion Ratio Lower Upper
146 100
148 64.1 50.5 75.7
75 28.8 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 48.591 ng

RT: 7.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

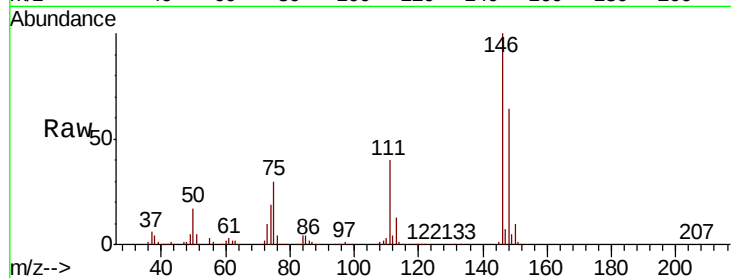
Tgt Ion:146 Resp: 831496

Ion Ratio Lower Upper

146 100

148 63.9 50.8 76.2

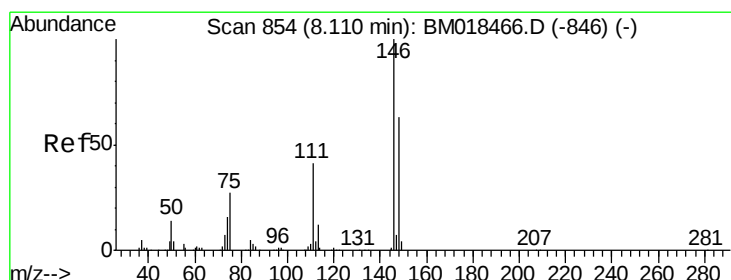
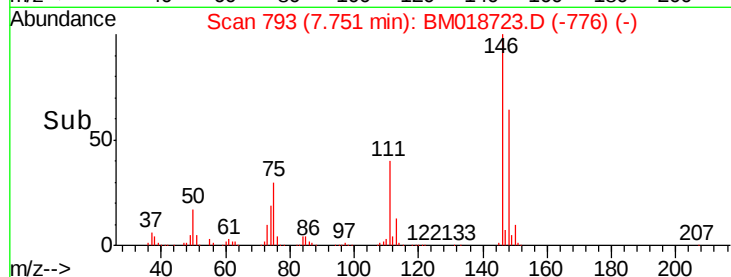
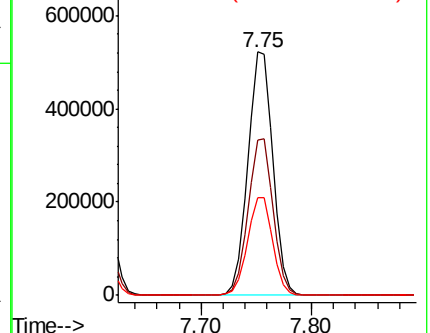
111 40.1 32.2 48.2



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: 48.854 ng

RT: 8.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

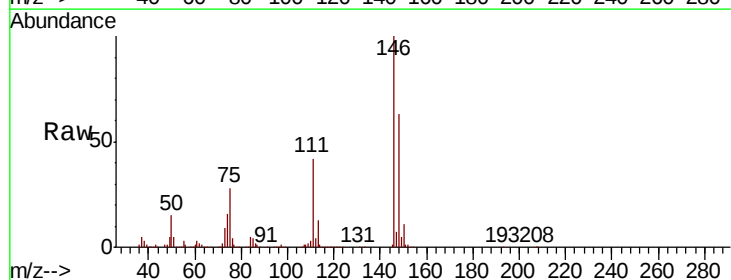
Tgt Ion:146 Resp: 792707

Ion Ratio Lower Upper

146 100

148 62.9 51.0 76.6

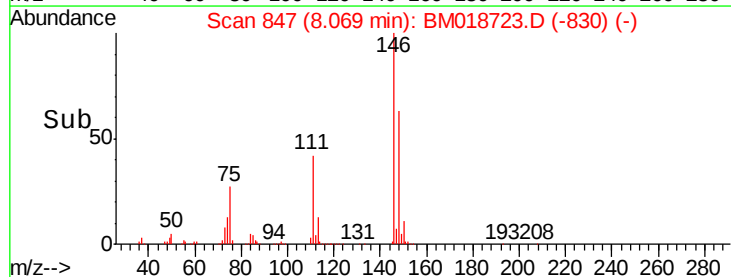
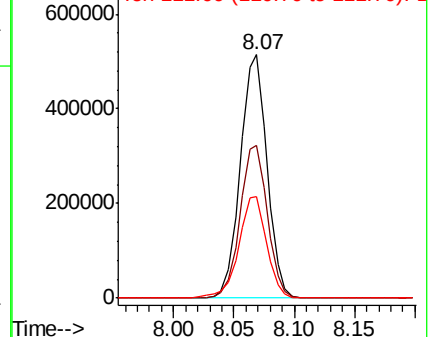
111 41.6 33.8 50.6



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: 50.590 ng

RT: 7.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

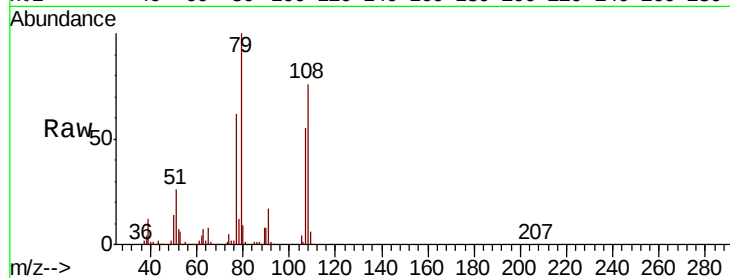
Tgt Ion: 79 Resp: 563343

Ion Ratio Lower Upper

79 100

108 76.3 60.4 90.6

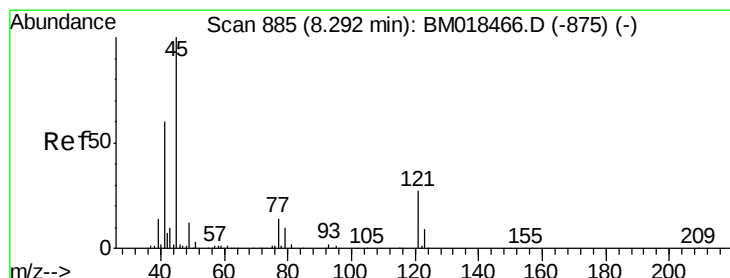
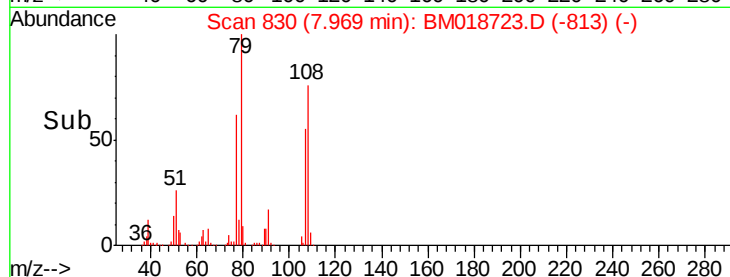
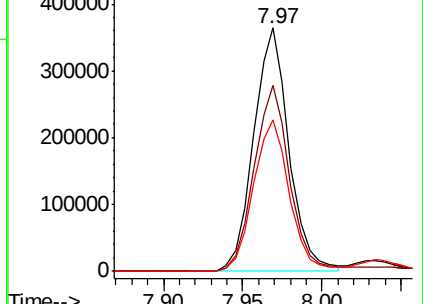
77 62.2 53.4 80.2



Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-827) (-)

Ion 108.00 (107.70 to 108.70): BM018466.D (-827) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-827) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 51.087 ng

RT: 8.24 min Scan# 876

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

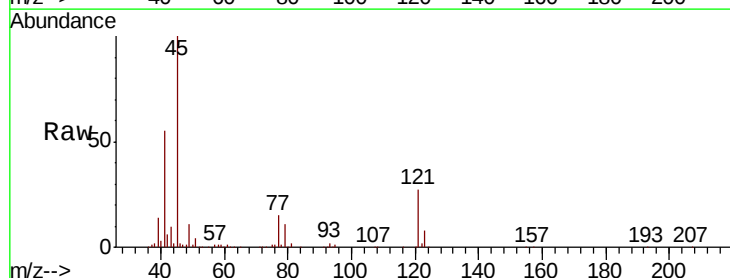
Tgt Ion: 45 Resp: 803686

Ion Ratio Lower Upper

45 100

77 15.1 0.0 33.4

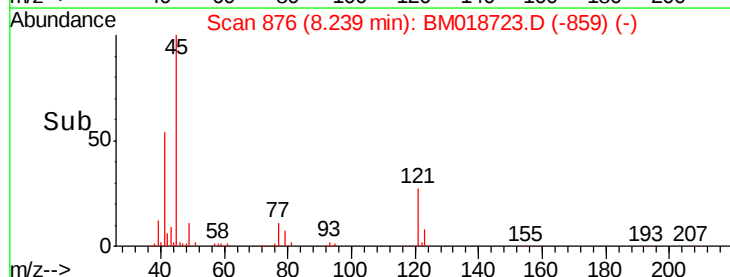
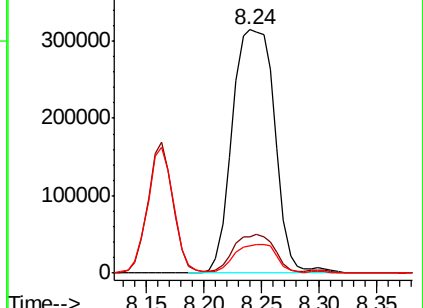
79 11.4 0.0 31.1

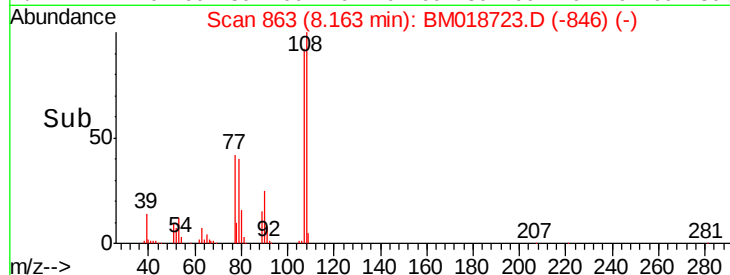
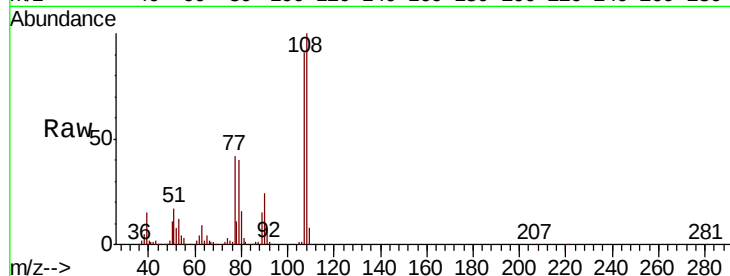
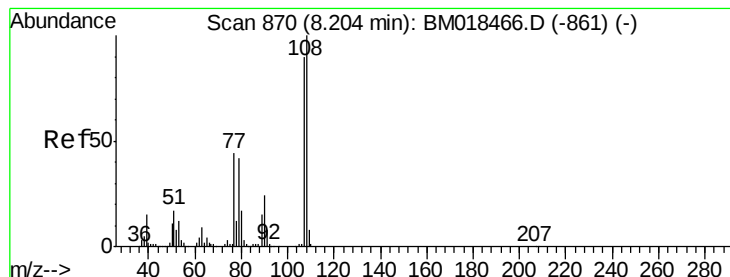


Abundance Ion 45.00 (44.70 to 45.70): BM018466.D (-875) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-875) (-)

Ion 79.00 (78.70 to 79.70): BM018466.D (-875) (-)





#17

2-Methylphenol

Concen: 52.246 ng

RT: 8.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

Tgt Ion:107 Resp: 555609

Ion Ratio Lower Upper

107 100

108 109.4 87.5 131.3

77 46.1 37.3 55.9

79 44.3 36.4 54.6

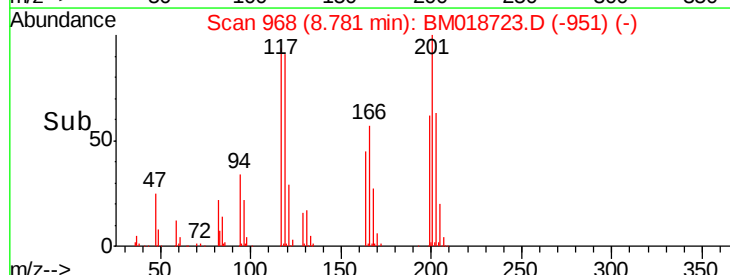
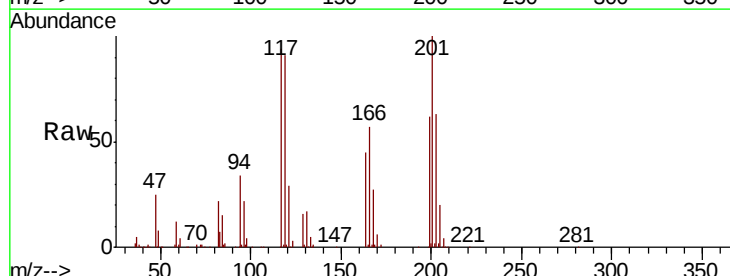
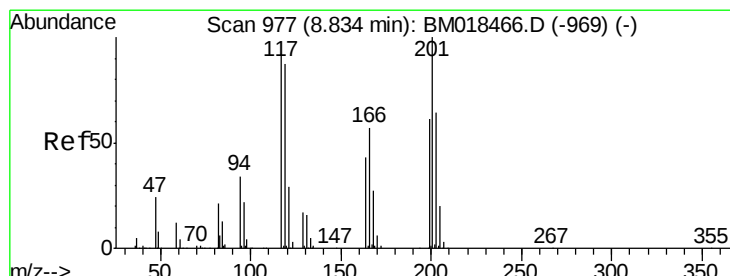
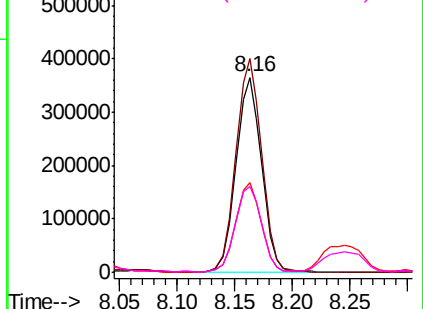
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 47.567 ng

RT: 8.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion:117 Resp: 290224

Ion Ratio Lower Upper

117 100

119 97.1 78.3 117.5

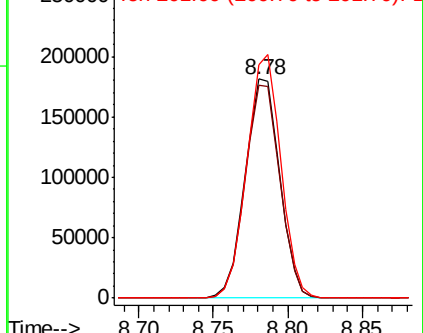
201 106.3 81.4 122.0

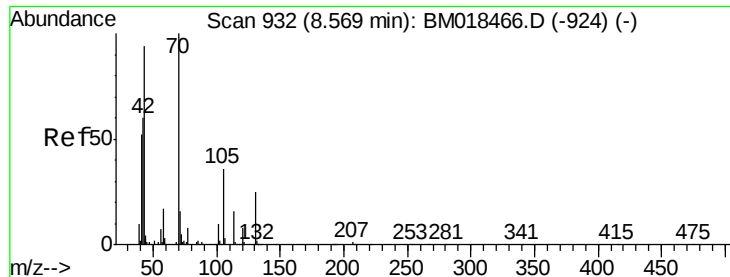
Abundance

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

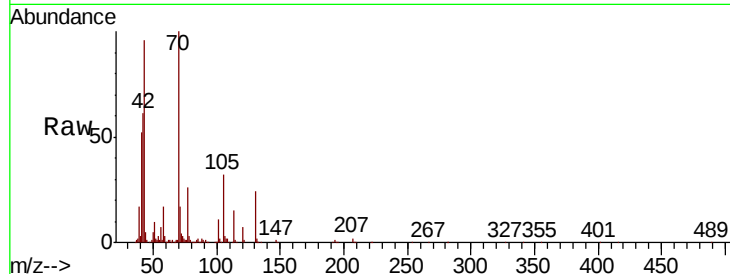




#19
n-Nitroso-di-n-propylamine
Concen: 46.295 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMS

Tgt Ion:	70	Resp:	464492
Ion	Ratio	Lower	Upper
70	100		
42	61.1	54.0	81.0
101	10.7	8.1	12.1
130	24.2	17.8	26.6



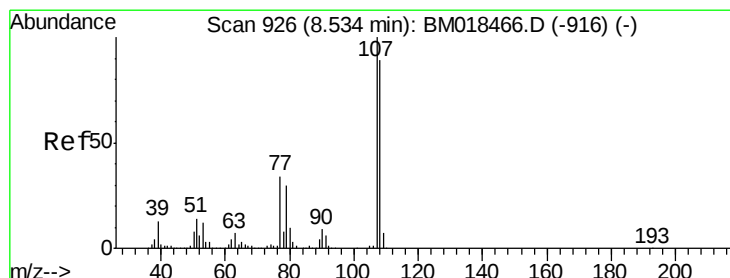
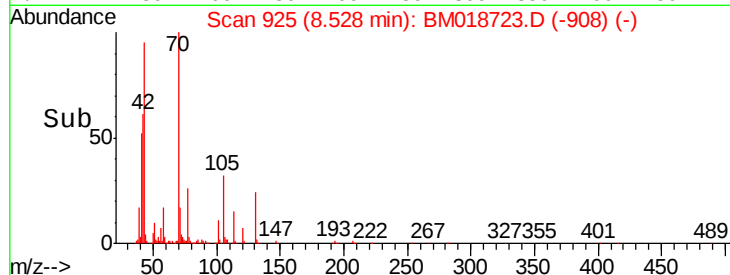
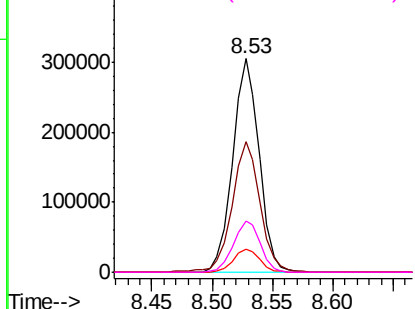
Abundance

Ion 70.00 (69.70 to 70.70): BM018466.D (-924) (-)

Ion 42.00 (41.70 to 42.70): BM018466.D (-924) (-)

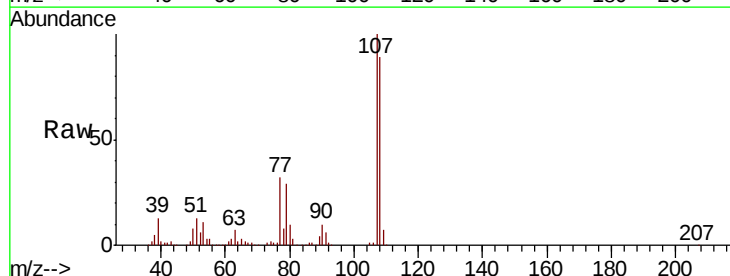
Ion 101.00 (100.70 to 101.70): BM018466.D (-924) (-)

Ion 130.00 (129.70 to 130.70): BM018466.D (-924) (-)



#20
3+4-Methylphenols
Concen: 50.284 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion:	107	Resp:	738209
Ion	Ratio	Lower	Upper
107	100		
108	88.7	66.8	106.8
77	32.5	13.3	53.3
79	29.5	8.8	48.8



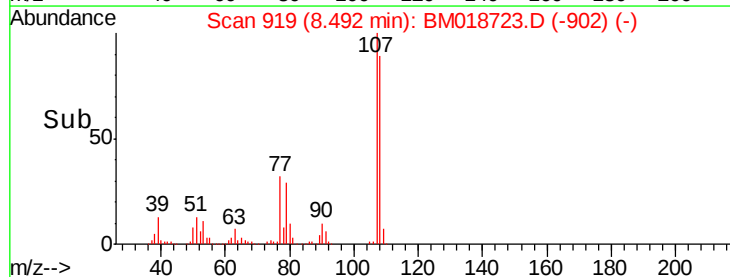
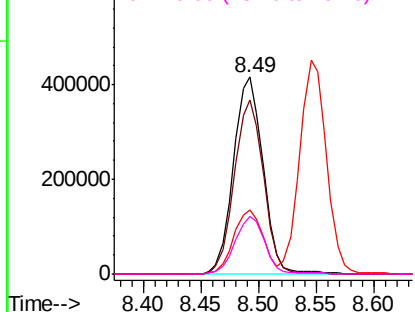
Abundance

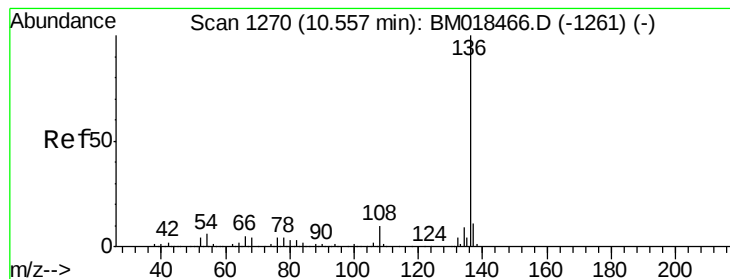
Ion 107.00 (106.70 to 107.70): BM018466.D (-916) (-)

Ion 108.00 (107.70 to 108.70): BM018466.D (-916) (-)

Ion 77.00 (76.70 to 77.70): BM018466.D (-916) (-)

Ion 79.00 (78.70 to 79.70): BM018466.D (-916) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

Tgt Ion:136 Resp: 837967

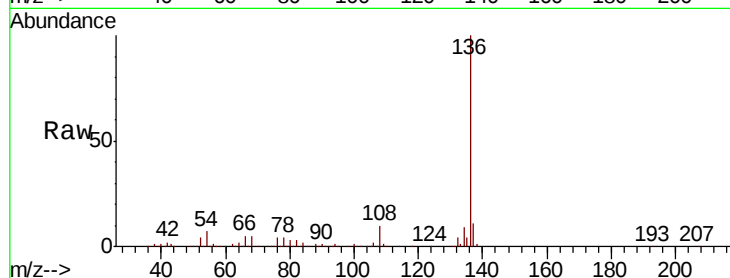
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.0 6.0 9.0

68 4.9 4.5 6.7

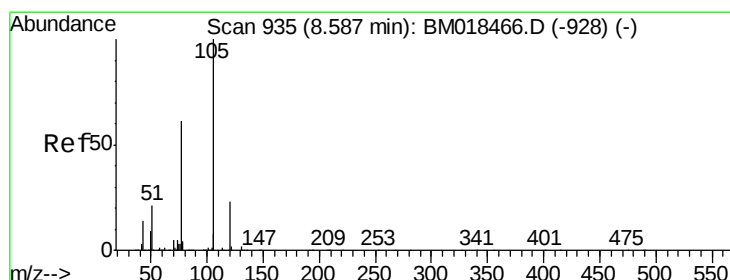
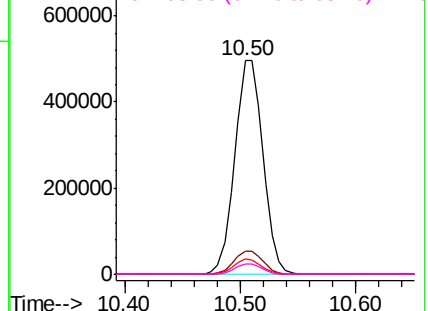
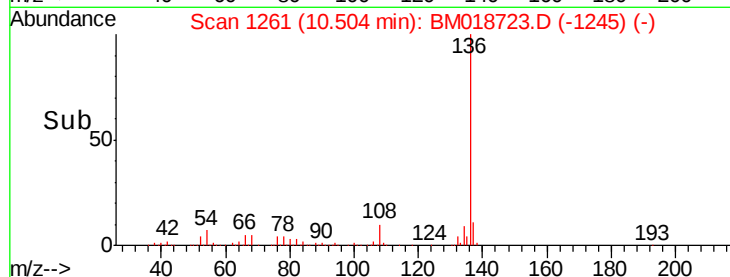


Abundance Ion 136.00 (135.70 to 136.70): E

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: 46.905 ng

RT: 8.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion:105 Resp: 972298

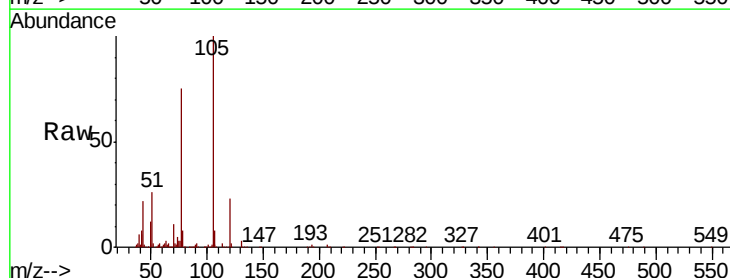
Ion Ratio Lower Upper

105 100

71 1.8 1.7 2.5

51 26.2 22.6 34.0

120 22.9 18.3 27.5

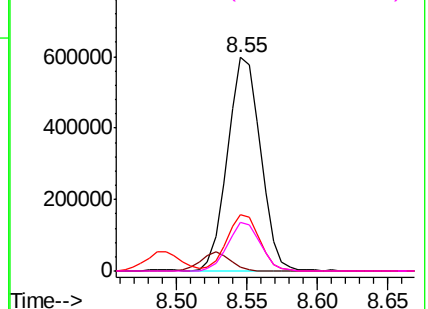
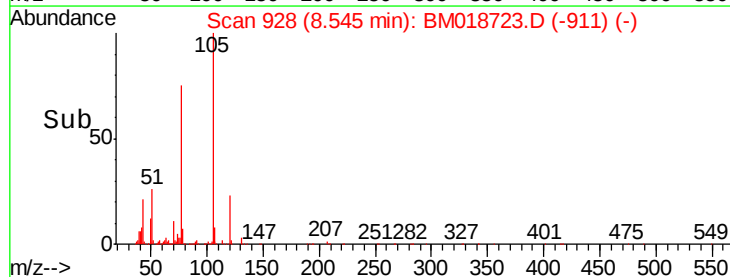


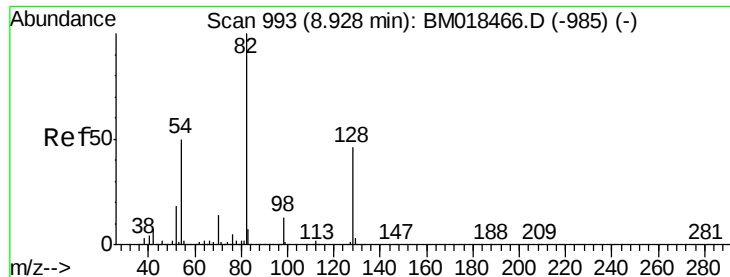
Abundance Ion 105.00 (104.70 to 105.70): E

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

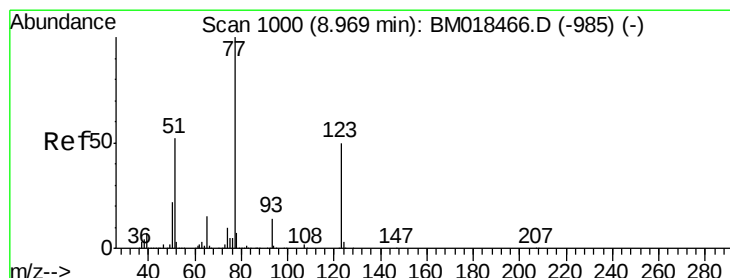
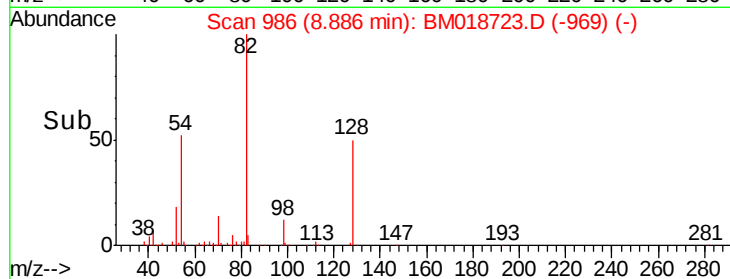
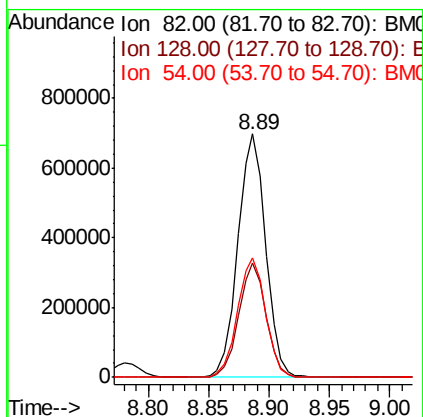
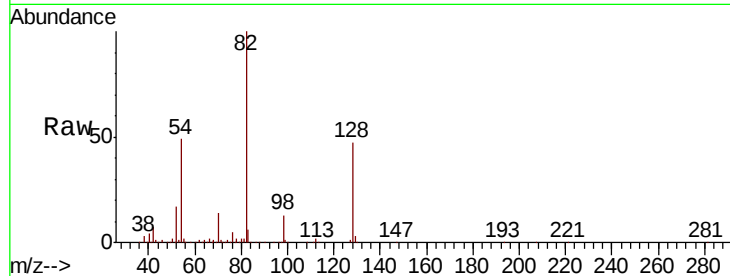




#23
 Nitrobenzene-d5
 Concen: 77.594 ng
 RT: 8.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BM018723.D
 Acq: 04 Feb 2019 17:48

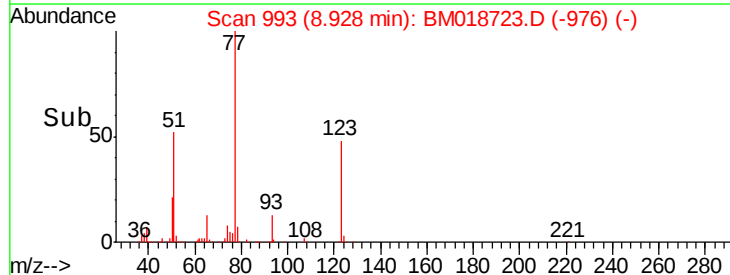
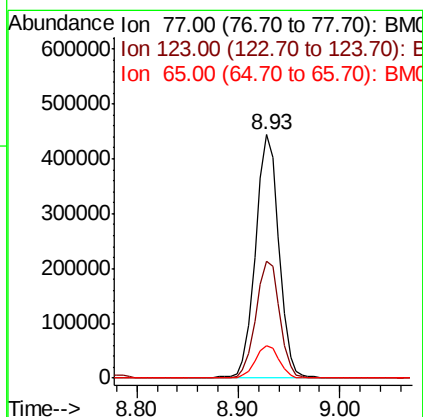
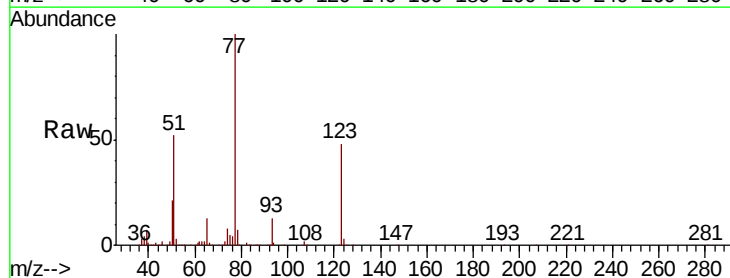
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMS

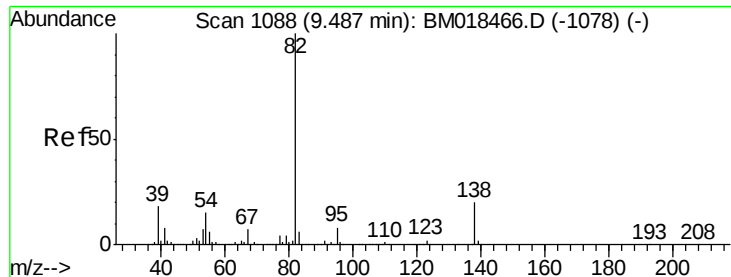
Tgt Ion: 82 Resp: 1121621
 Ion Ratio Lower Upper
 82 100
 128 46.8 36.3 54.5
 54 49.2 41.7 62.5



#24
 Nitrobenzene
 Concen: 49.883 ng
 RT: 8.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BM018723.D
 Acq: 04 Feb 2019 17:48

Tgt Ion: 77 Resp: 709467
 Ion Ratio Lower Upper
 77 100
 123 48.0 37.7 56.5
 65 13.3 11.0 16.6





#25

Isophorone

Concen: 55.005 ng

RT: 9.45 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

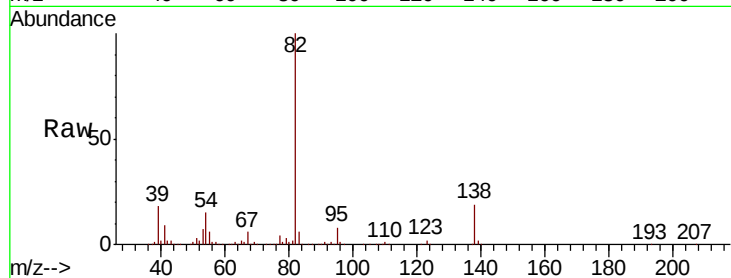
Tgt Ion: 82 Resp: 1204005

Ion Ratio Lower Upper

82 100

95 7.8 6.1 9.1

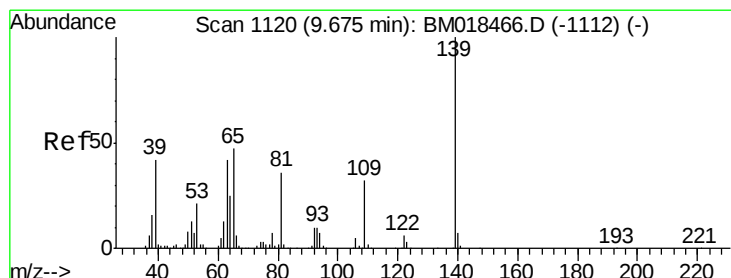
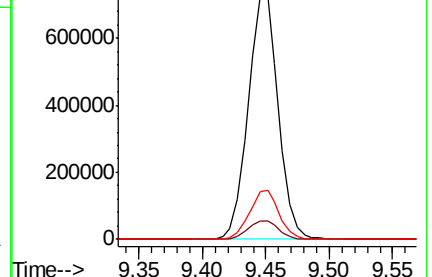
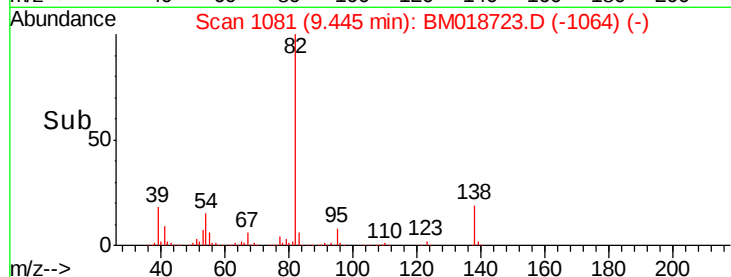
138 19.4 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BM018466.D (-1078) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-1078) (-)

Ion 138.00 (137.70 to 138.70): BM018466.D (-1078) (-)



#26

2-Nitrophenol

Concen: 53.588 ng

RT: 9.63 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

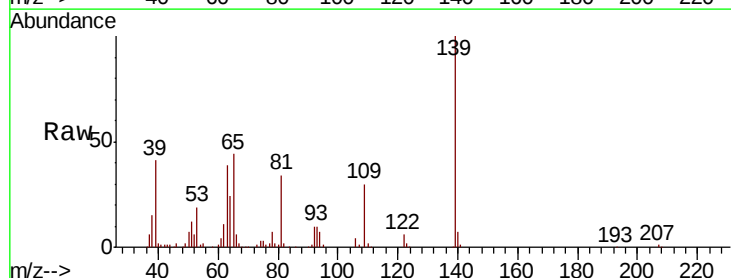
Tgt Ion: 139 Resp: 368535

Ion Ratio Lower Upper

139 100

109 30.0 23.4 35.2

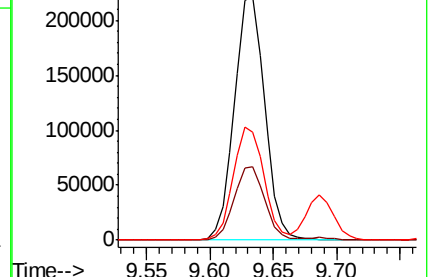
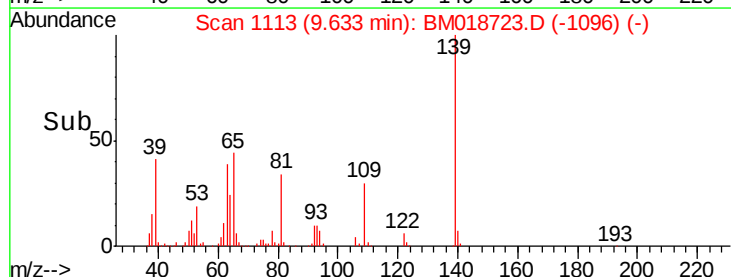
65 44.5 39.4 59.2



Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

Ion 109.00 (108.70 to 109.70): BM018466.D (-1112) (-)

Ion 65.00 (64.70 to 65.70): BM018466.D (-1112) (-)

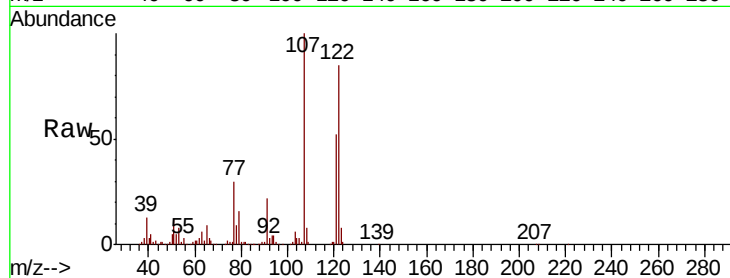




#27
2,4-Dimethylphenol
Concen: 57.899 ng
RT: 9.69 min Scan# 1122
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	117.4	91.9	137.9
121	60.6	47.5	71.3

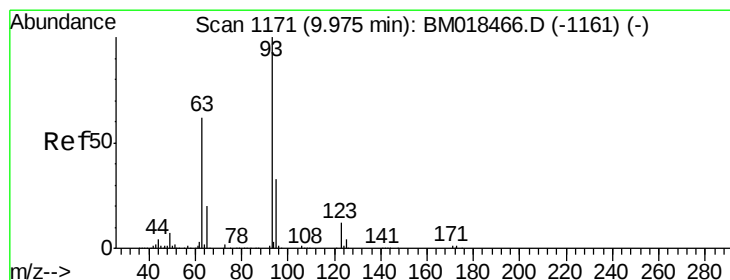
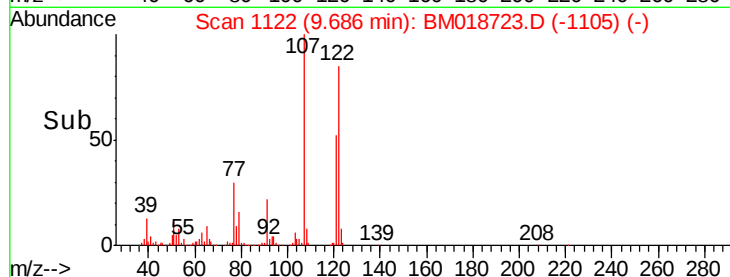
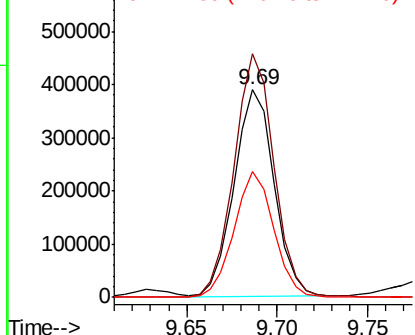


Abundance

Ion 122.00 (121.70 to 122.70): E

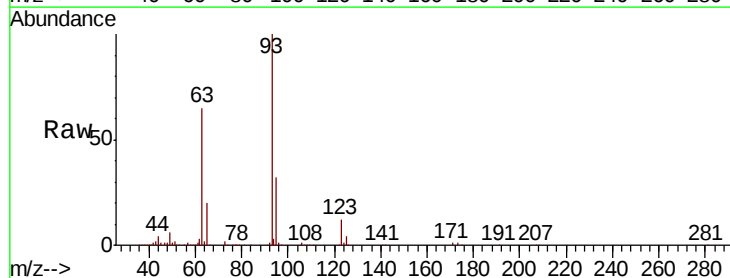
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 50.959 ng
RT: 9.93 min Scan# 1163
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.6	39.8
123	12.2	9.9	14.9

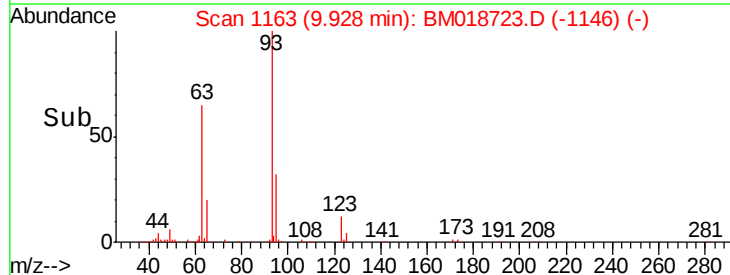
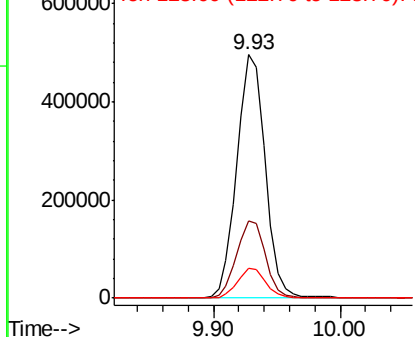


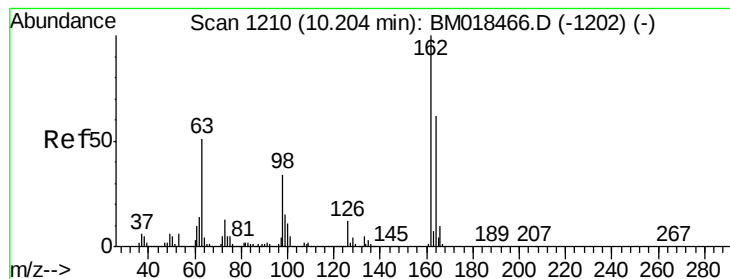
Abundance

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: 52.129 ng

RT: 10.16 min Scan# 1202

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

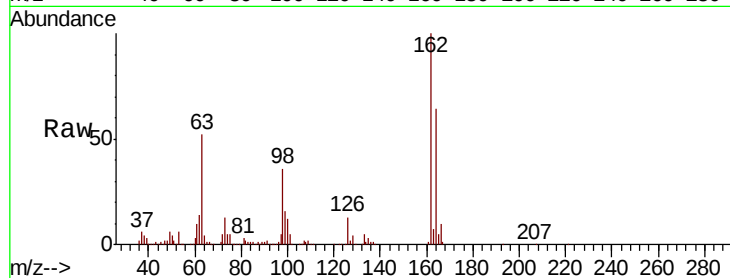
Tgt Ion:162 Resp: 639850

Ion Ratio Lower Upper

162 100

164 64.0 45.6 85.6

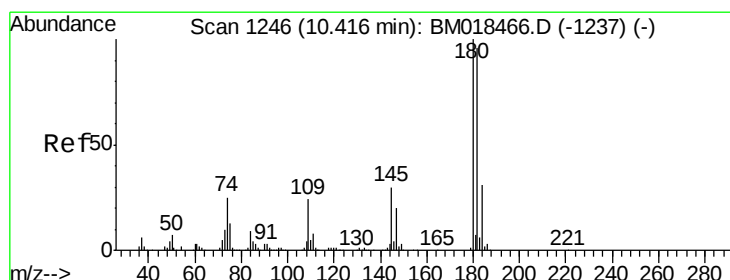
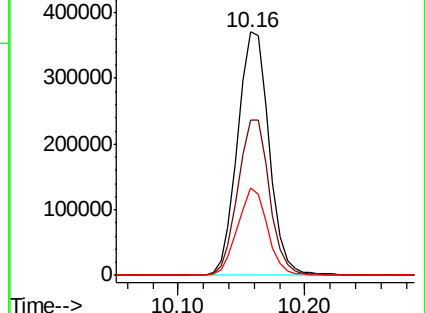
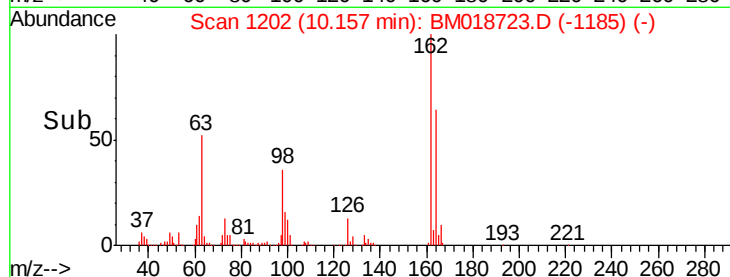
98 35.8 14.7 54.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#30

1,2,4-Trichlorobenzene

Concen: 48.633 ng

RT: 10.37 min Scan# 1238

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

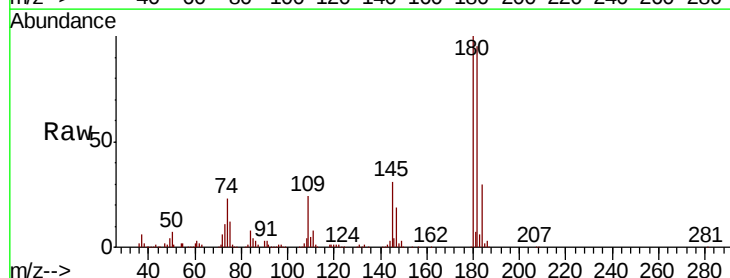
Tgt Ion:180 Resp: 740937

Ion Ratio Lower Upper

180 100

182 95.4 77.4 116.2

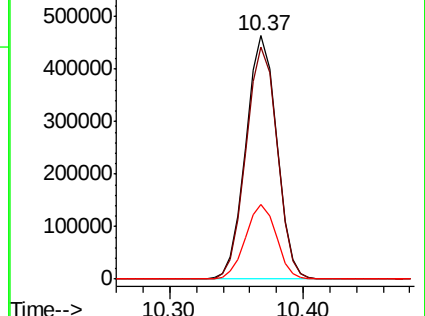
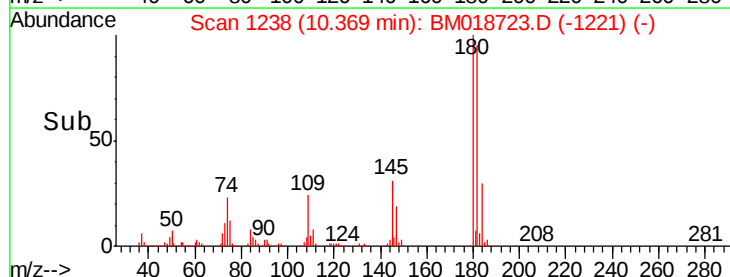
145 30.5 24.6 37.0

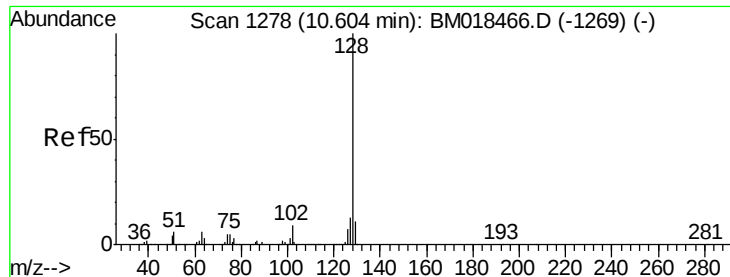


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

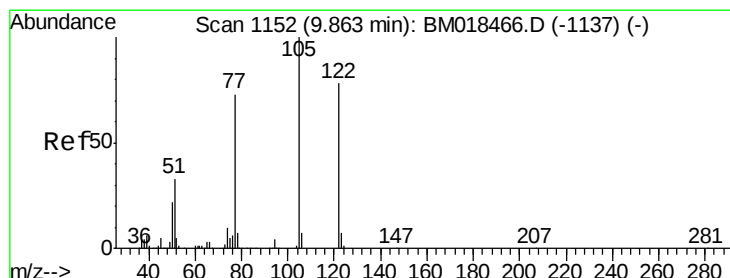
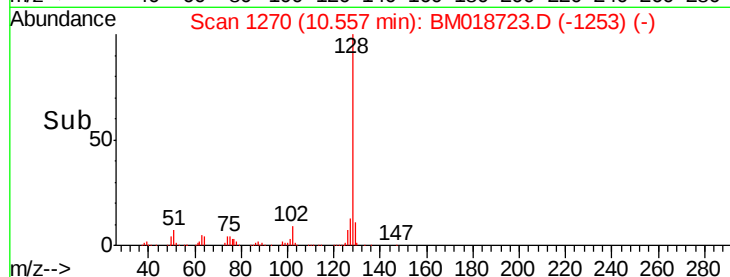
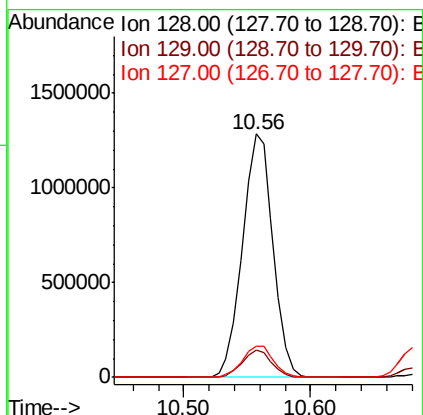
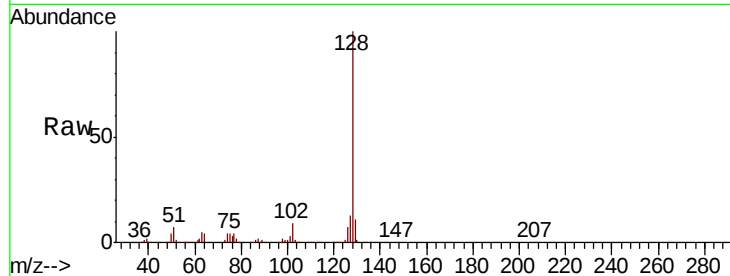




#31
Naphthalene
Concen: 53.061 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

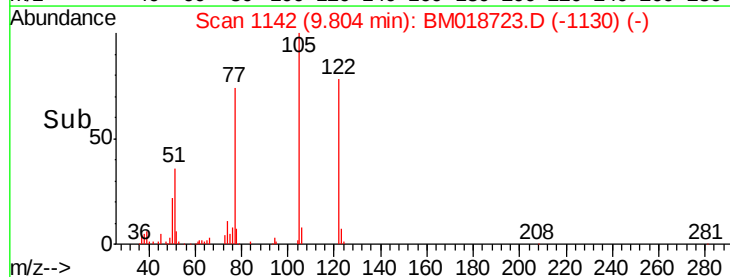
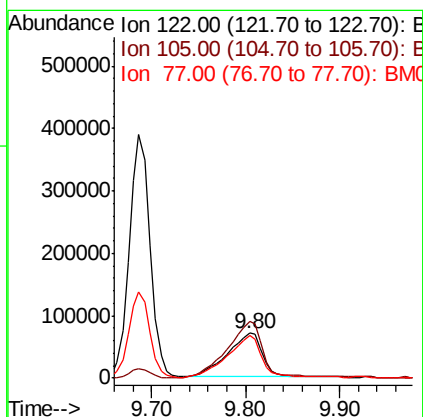
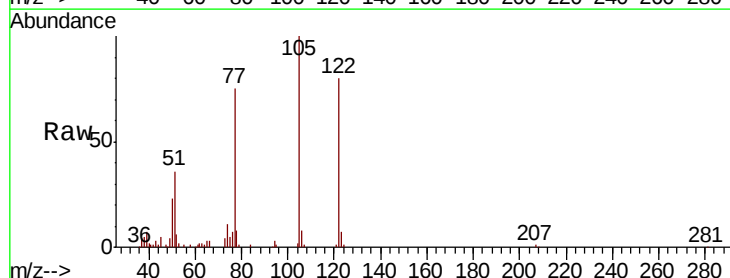
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMS

Tgt Ion:128 Resp: 2141379
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.8 10.8 16.2



#32
Benzoic acid
Concen: 29.216 ng
RT: 9.80 min Scan# 1142
Delta R.T. -0.03 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion:122 Resp: 182346
Ion Ratio Lower Upper
122 100
105 124.7 100.4 140.4
77 93.5 71.7 111.7

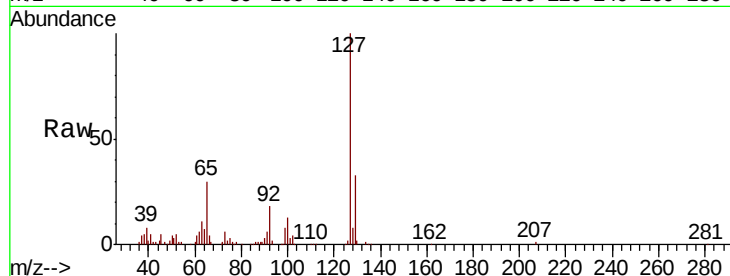




#33
4-Chloroaniline
Concen: 18.296 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMS

Tgt Ion:	127	Resp:	290792
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.9	38.9
65	29.7	23.4	35.2
92	17.7	14.5	21.7



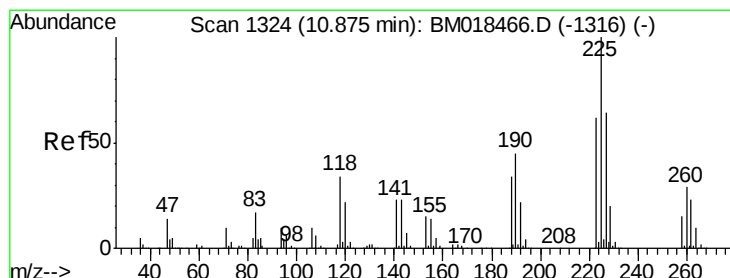
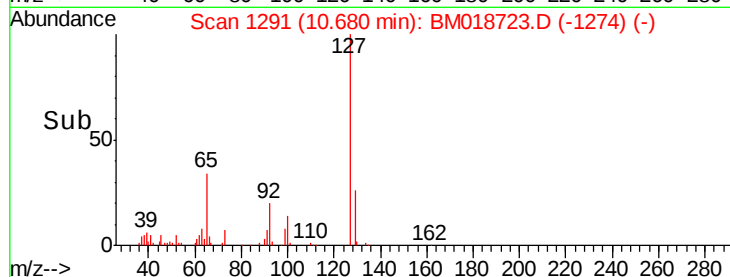
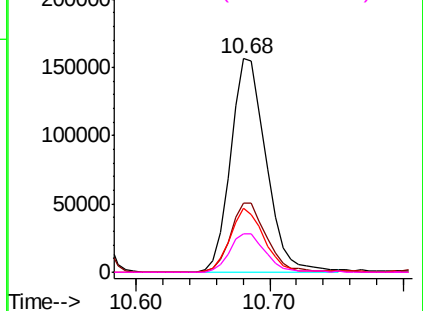
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

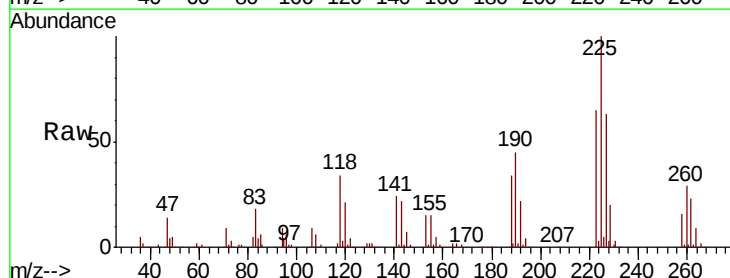
Ion 65.00 (64.70 to 65.70): BM

Ion 92.00 (91.70 to 92.70): BM



#34
Hexachlorobutadiene
Concen: 46.212 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion:	225	Resp:	444789
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.8	76.2
227	63.5	50.4	75.6

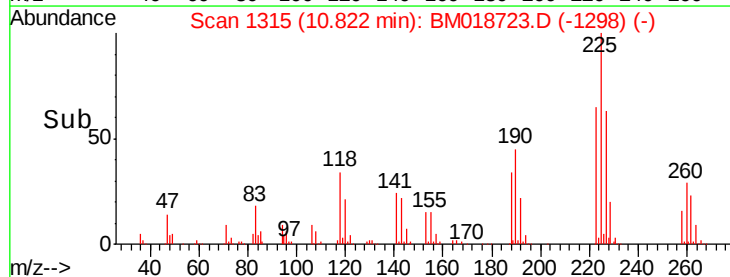
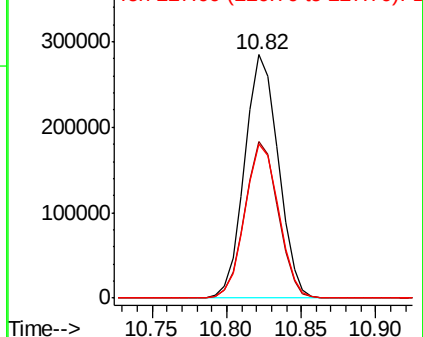


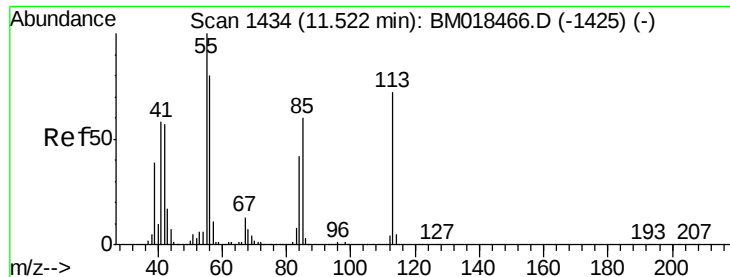
Abundance

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

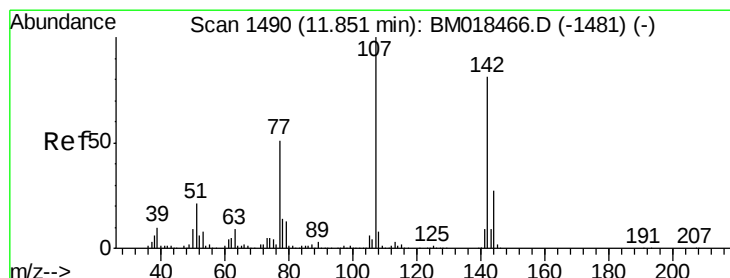
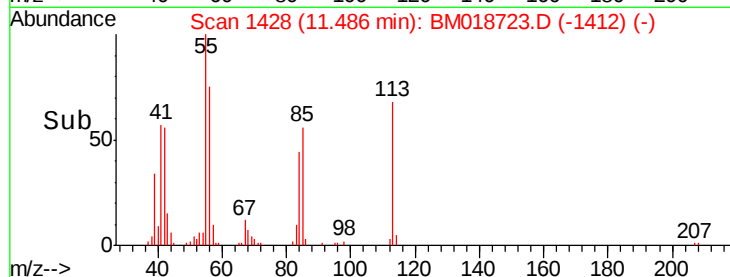
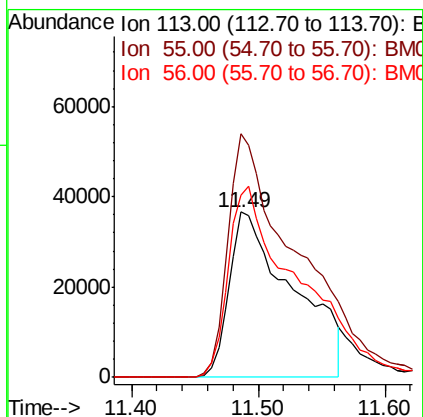
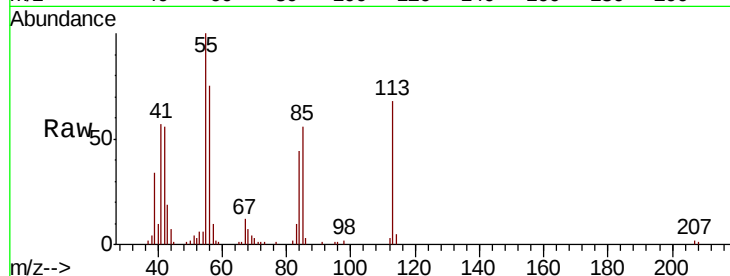




#35
 Caprolactam
 Concen: 30.612 ng
 RT: 11.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BM018723.D
 Acq: 04 Feb 2019 17:48

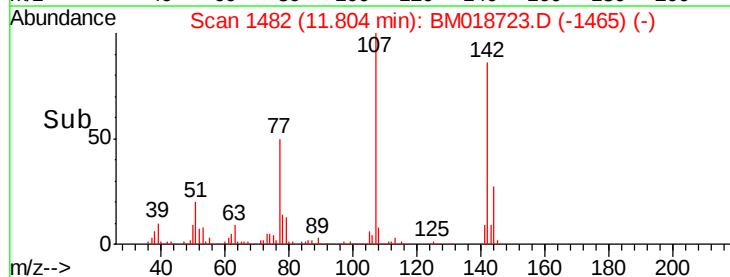
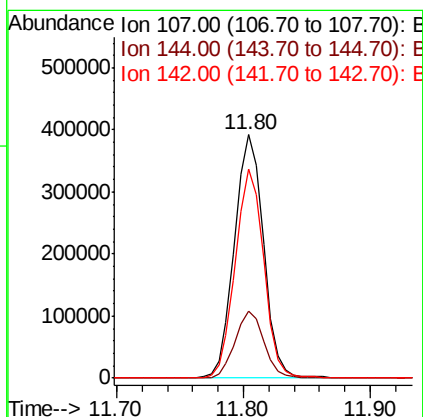
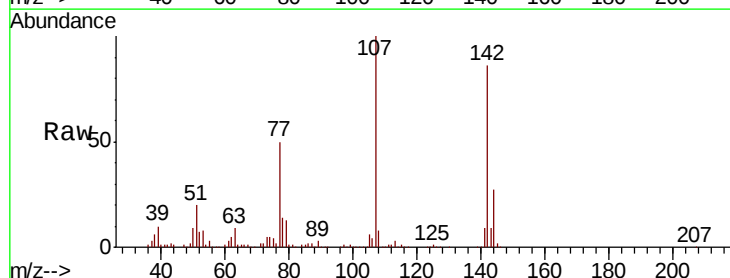
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMS

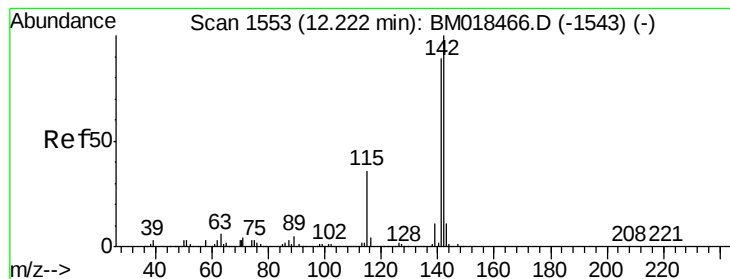
Tgt Ion:113 Resp: 127750
 Ion Ratio Lower Upper
 113 100
 55 147.5 139.3 179.3
 56 110.1 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 48.359 ng
 RT: 11.80 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BM018723.D
 Acq: 04 Feb 2019 17:48

Tgt Ion:107 Resp: 622745
 Ion Ratio Lower Upper
 107 100
 144 27.5 21.9 32.9
 142 86.0 67.9 101.9





#37

2-Methylnaphthalene

Concen: 52.875 ng

RT: 12.17 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

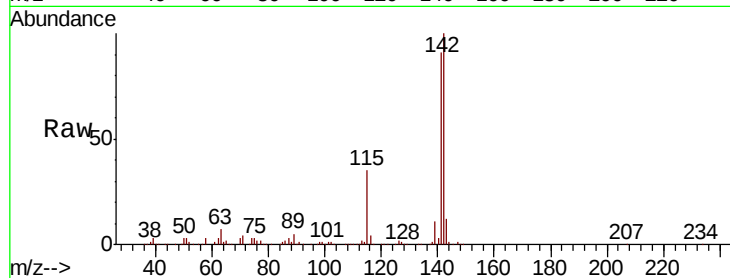
Tgt Ion:142 Resp: 1507653

Ion Ratio Lower Upper

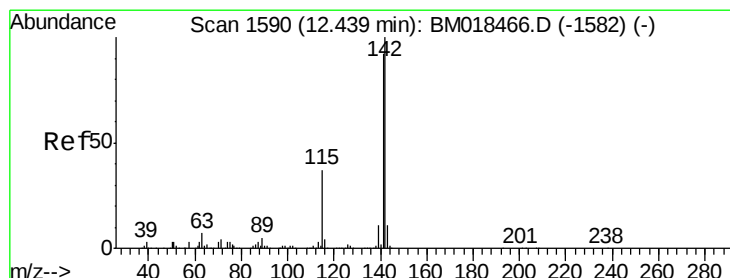
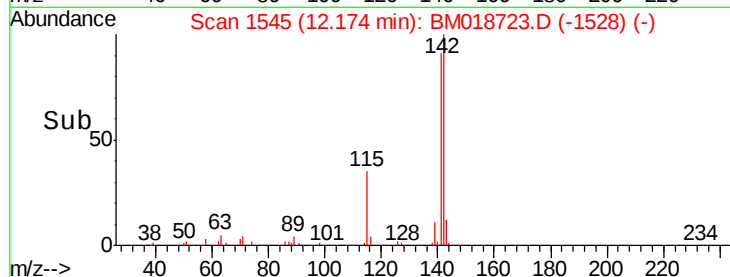
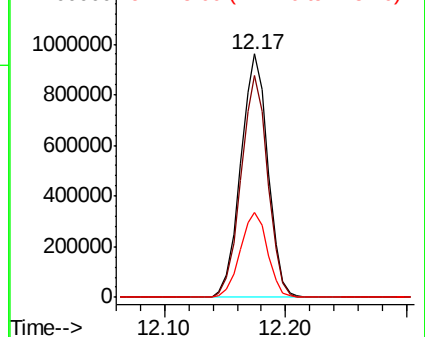
142 100

141 91.2 71.4 107.2

115 35.0 28.0 42.0



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: 51.821 ng

RT: 12.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

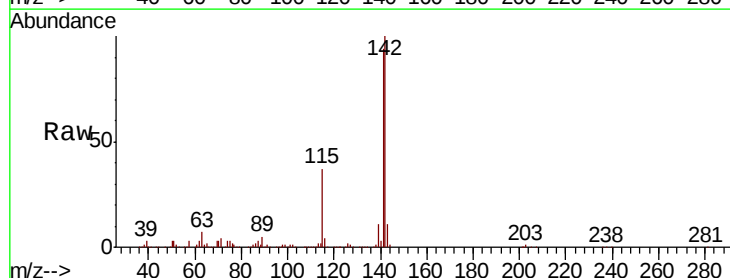
Tgt Ion:142 Resp: 1429686

Ion Ratio Lower Upper

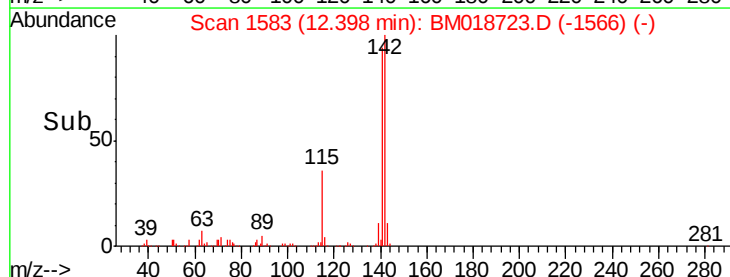
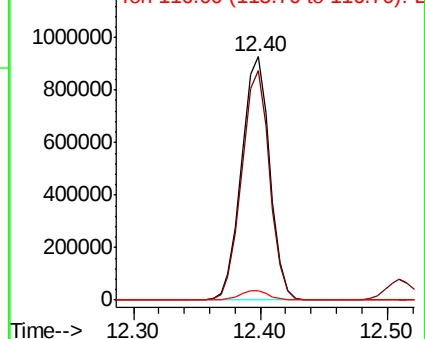
142 100

141 94.1 75.6 113.4

116 3.9 3.0 4.6



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: 14.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

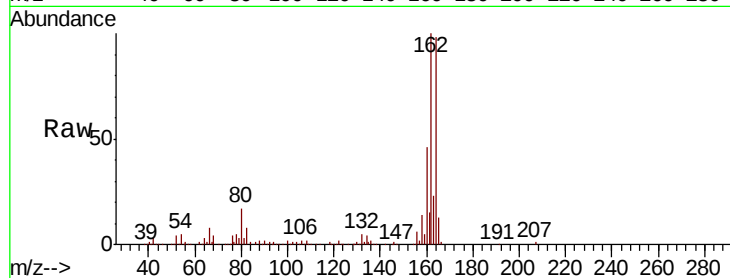
Tgt Ion:164 Resp: 418302

Ion Ratio Lower Upper

164 100

162 102.4 83.0 124.4

160 47.5 37.1 55.7

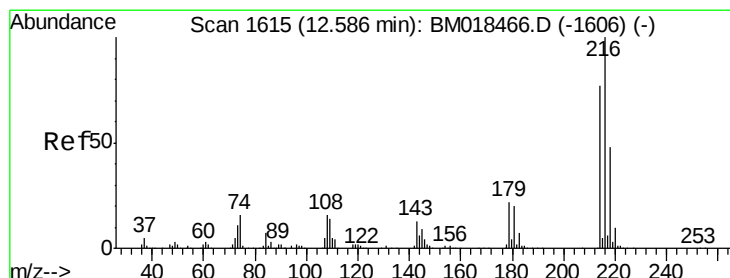
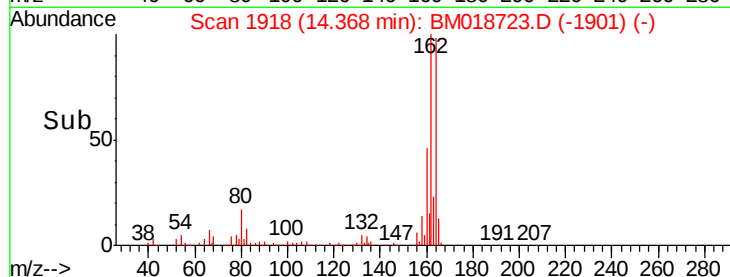
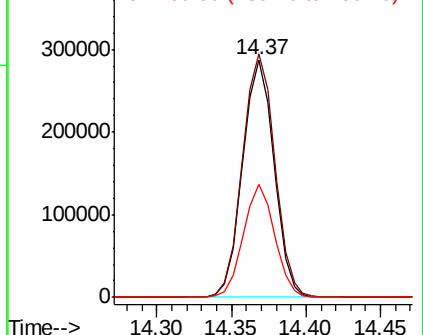


Abundance

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: 52.774 ng

RT: 12.55 min Scan# 1608

Delta R.T. 0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Tgt Ion:216 Resp: 771967

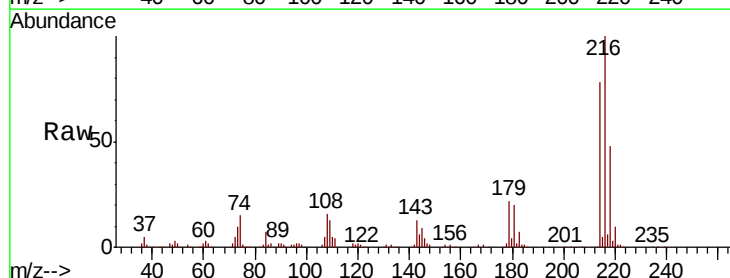
Ion Ratio Lower Upper

216 100

214 78.2 63.4 95.0

179 21.8 17.9 26.9

108 19.8 15.8 23.6



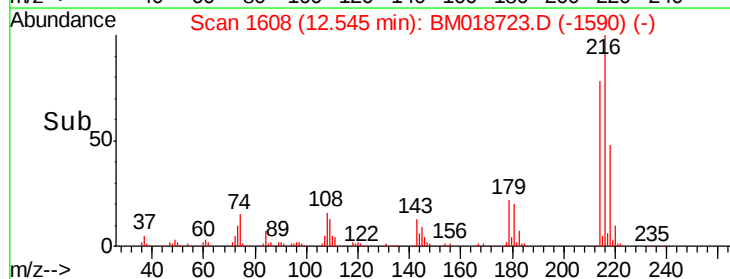
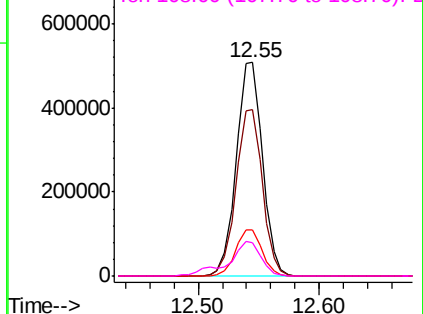
Abundance

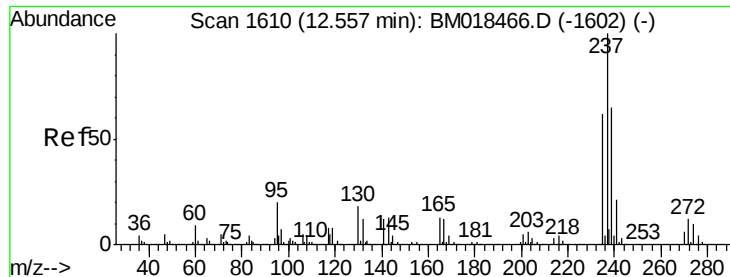
Ion 216.00 (215.70 to 216.70): E

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: 115.706 ng

RT: 12.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

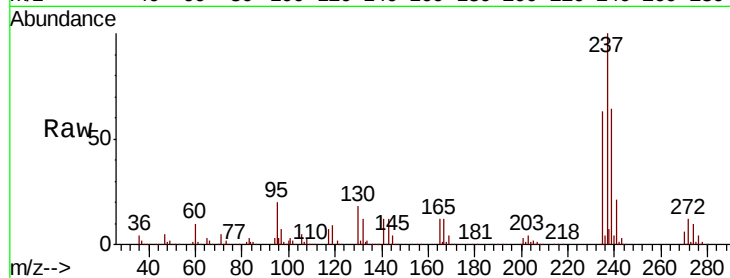
Tgt Ion:237 Resp: 928912

Ion Ratio Lower Upper

237 100

235 63.0 42.8 82.8

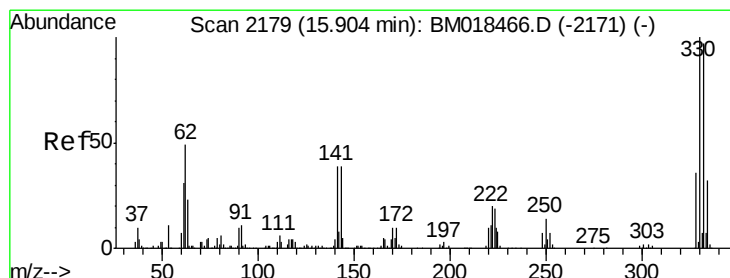
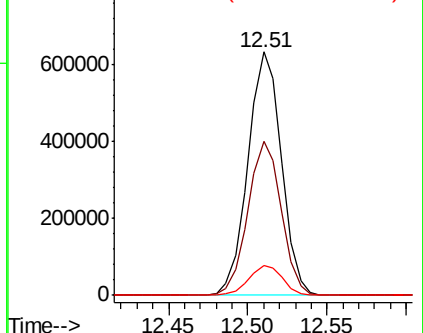
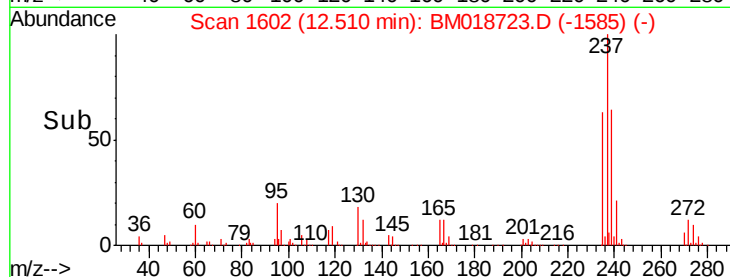
272 12.2 0.0 31.9



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: 111.961 ng

RT: 15.86 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

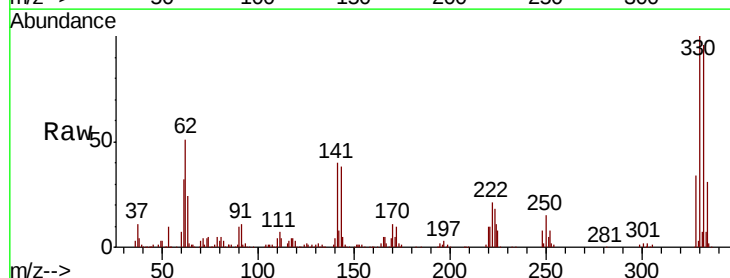
Tgt Ion:330 Resp: 596324

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

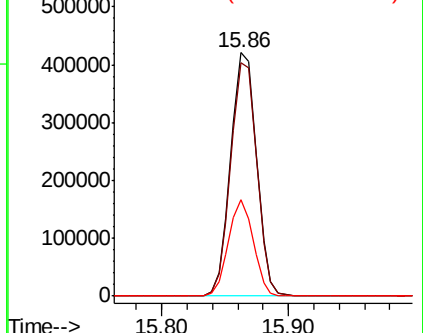
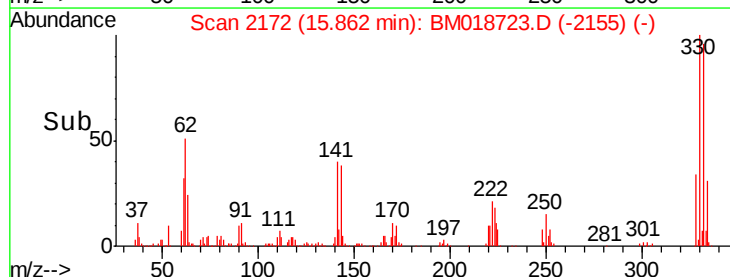
141 38.1 31.7 47.5

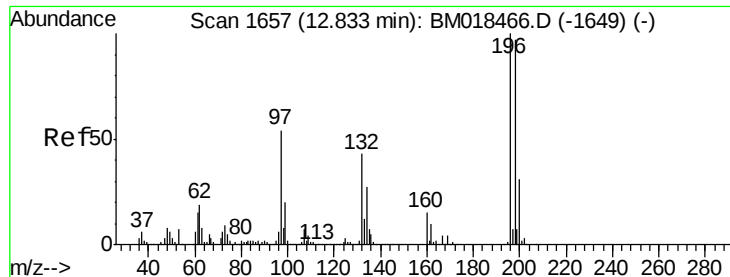


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

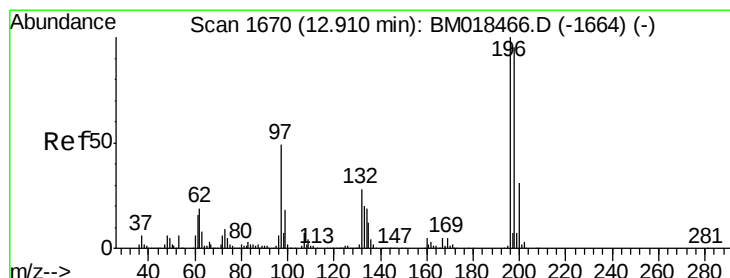
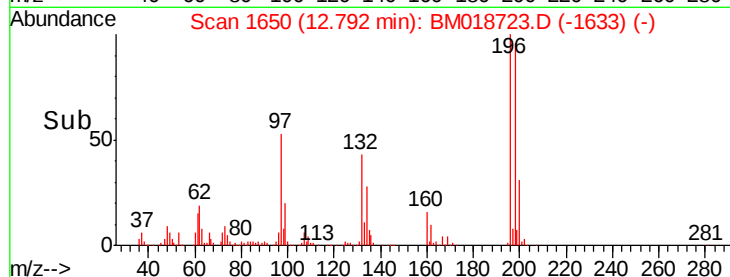
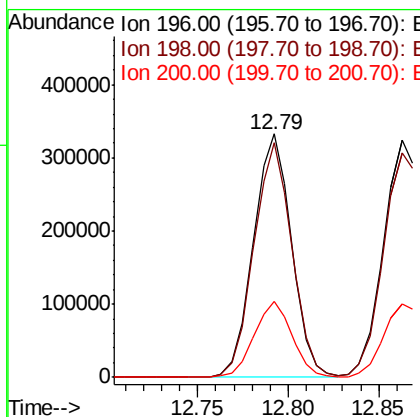
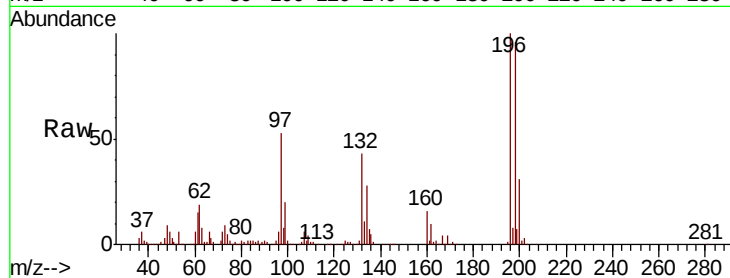




#43
 2,4,6-Trichlorophenol
 Concen: 54.776 ng
 RT: 12.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BM018723.D
 Acq: 04 Feb 2019 17:48

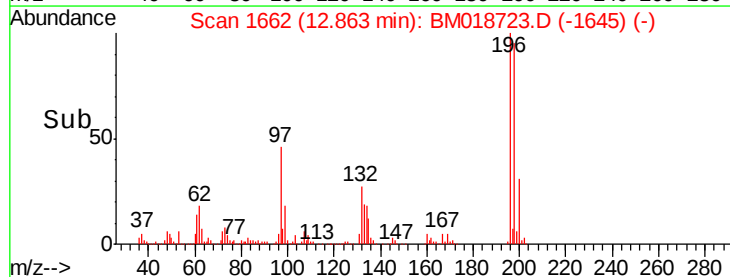
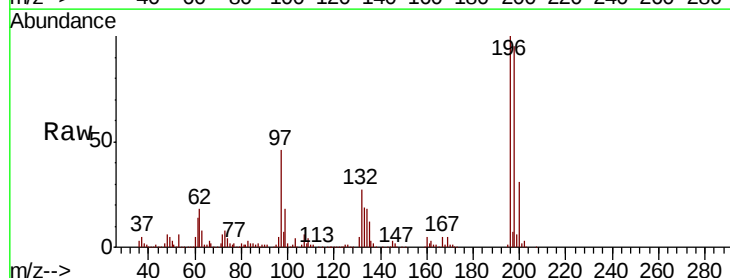
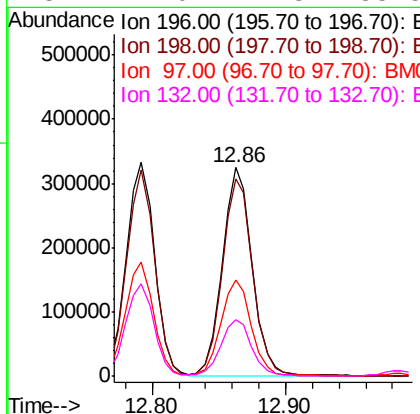
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMS

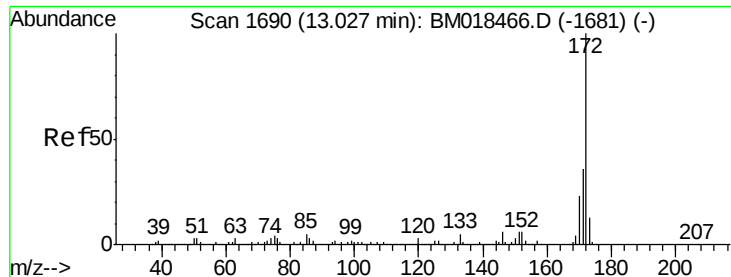
Tgt Ion:196 Resp: 486566
 Ion Ratio Lower Upper
 196 100
 198 96.4 76.6 115.0
 200 31.1 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 54.216 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM018723.D
 Acq: 04 Feb 2019 17:48

Tgt Ion:196 Resp: 506501
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.7 115.1
 97 46.1 39.2 58.8
 132 27.0 22.3 33.5

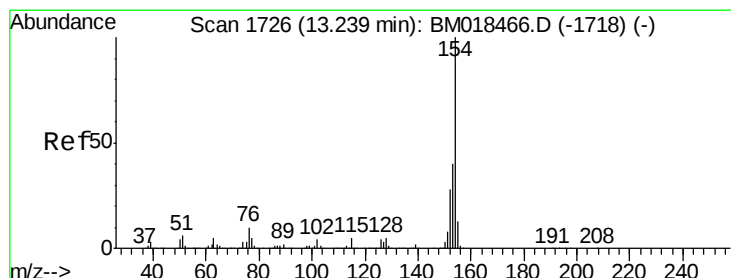
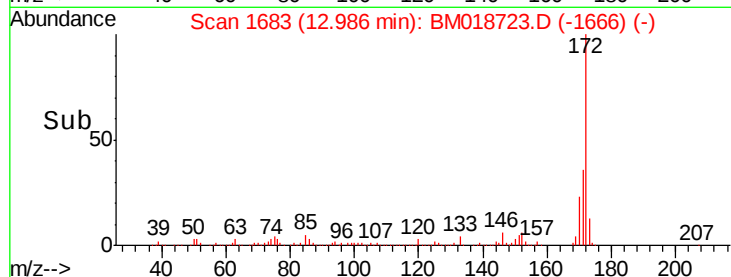
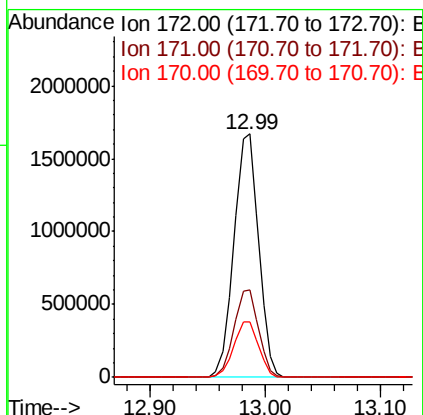
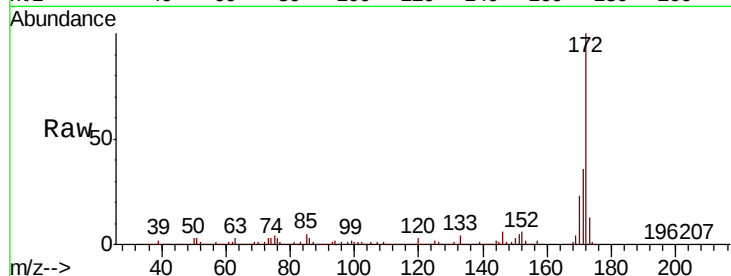




#45
2-Fluorobiphenyl
Concen: 77.073 ng
RT: 12.99 min Scan# 1683
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

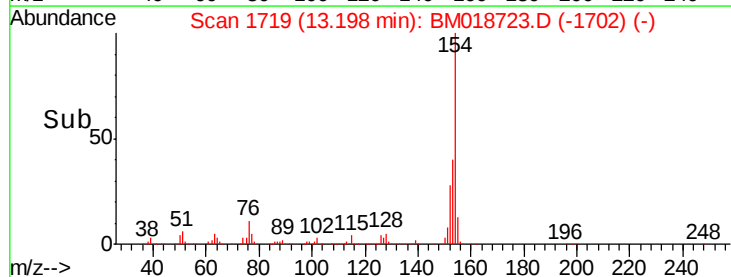
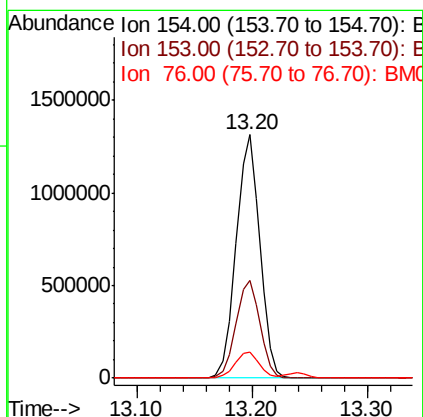
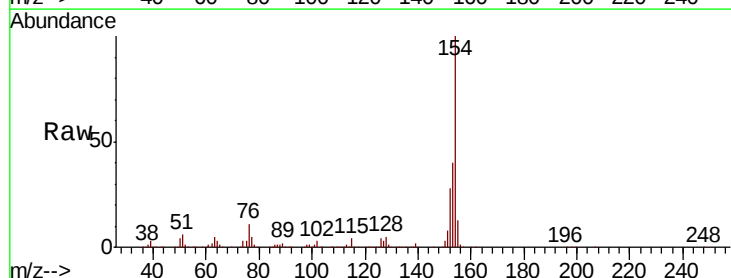
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMS

Tgt Ion:172 Resp: 2470734
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.0 18.9 28.3



#46
1,1'-Biphenyl
Concen: 50.928 ng
RT: 13.20 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion:154 Resp: 1860088
Ion Ratio Lower Upper
154 100
153 39.9 20.5 60.5
76 10.9 0.0 31.9



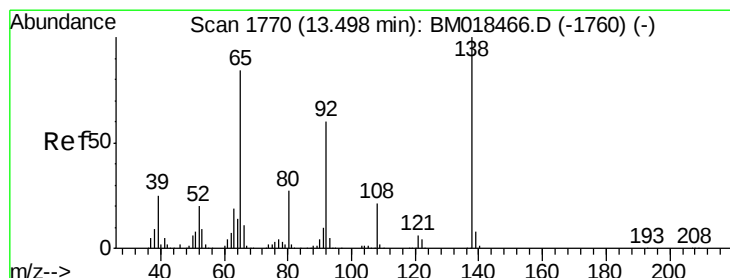
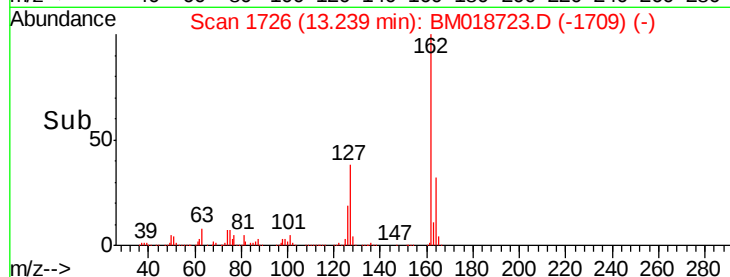
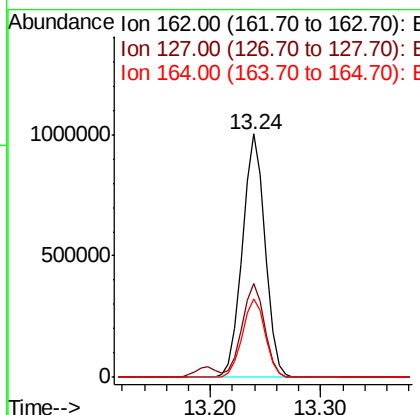
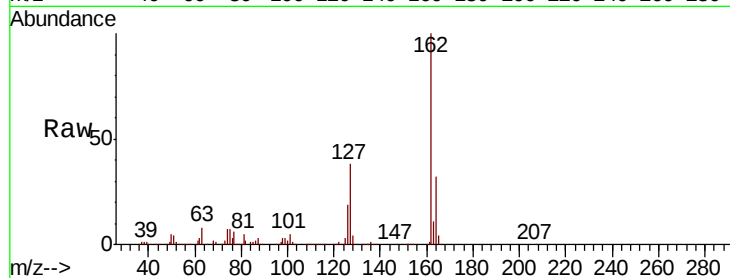


#47
 2-Chloronaphthalene
 Concen: 51.152 ng
 RT: 13.24 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BM018723.D
 Acq: 04 Feb 2019 17:48

Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMS

Tgt Ion: 162 Resp: 1448783

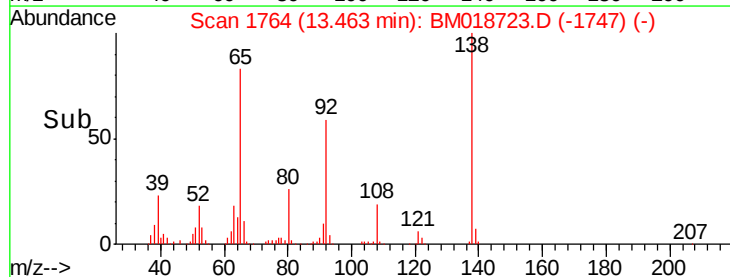
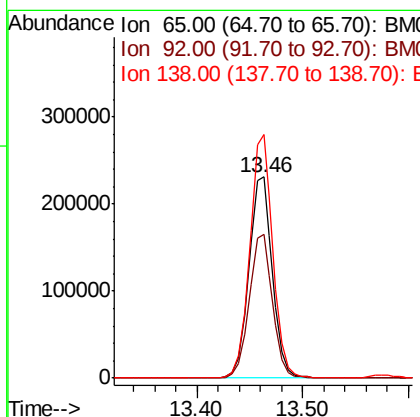
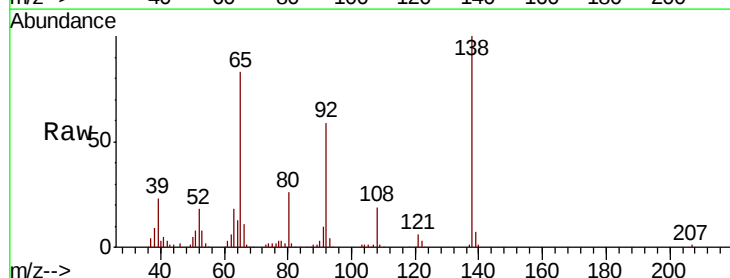
Ion	Ratio	Lower	Upper
162	100		
127	38.5	31.4	47.0
164	32.4	26.2	39.4

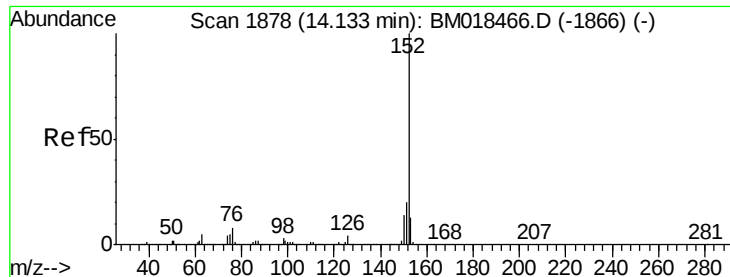


#48
 2-Nitroaniline
 Concen: 51.396 ng
 RT: 13.46 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BM018723.D
 Acq: 04 Feb 2019 17:48

Tgt Ion: 65 Resp: 358131

Ion	Ratio	Lower	Upper
65	100		
92	71.5	53.4	80.2
138	121.1	88.9	133.3





#49

Acenaphthylene

Concen: 54.709 ng

RT: 14.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

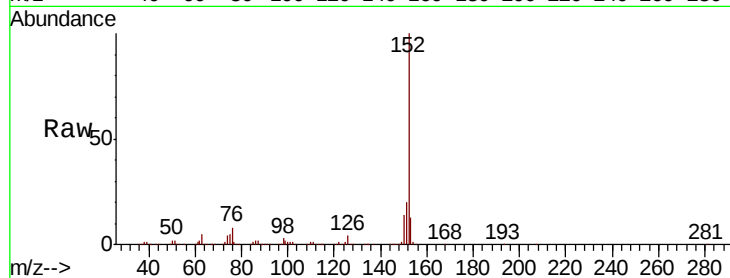
Tgt Ion:152 Resp: 2258151

Ion Ratio Lower Upper

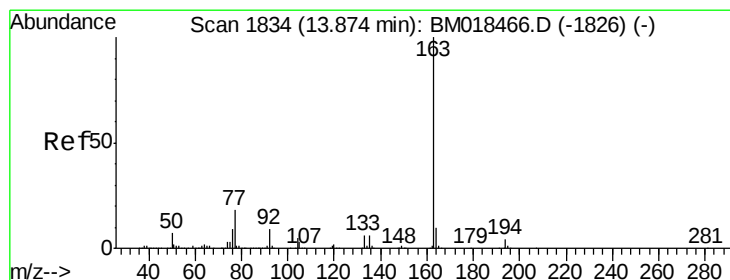
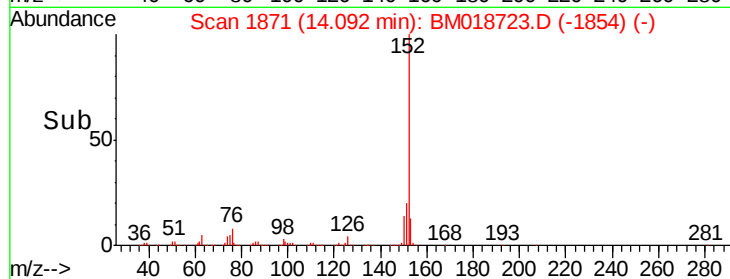
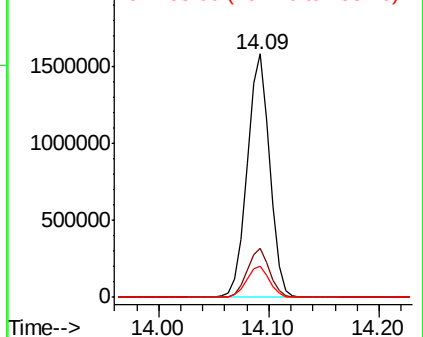
152 100

151 19.9 15.7 23.5

153 12.9 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 55.939 ng

RT: 13.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

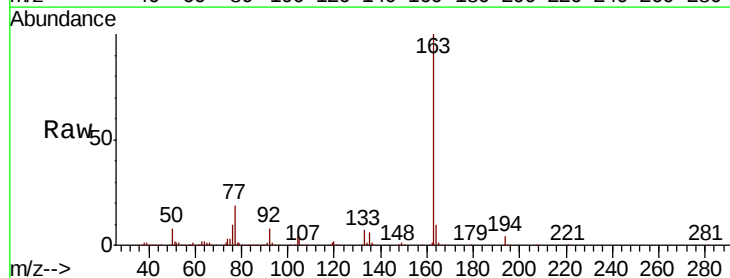
Tgt Ion:163 Resp: 1921717

Ion Ratio Lower Upper

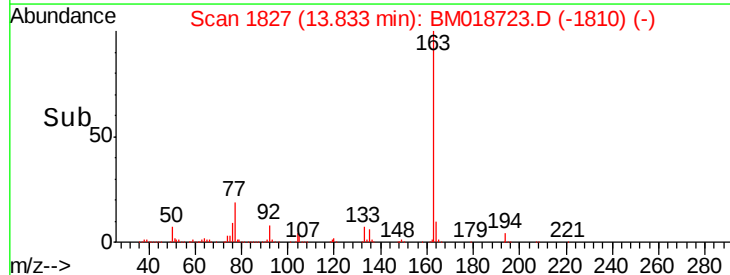
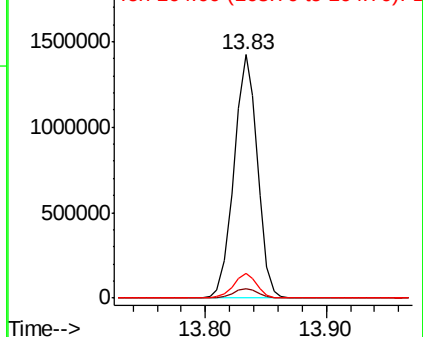
163 100

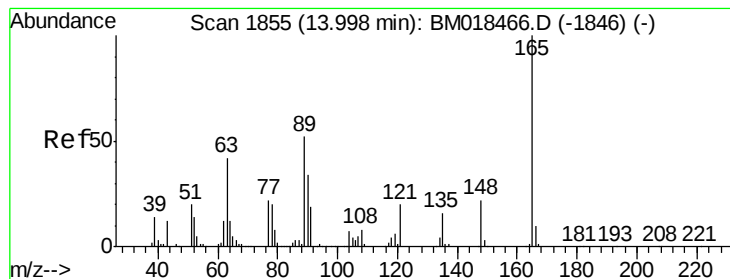
194 4.1 3.0 4.6

164 10.1 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: 50.770 ng

RT: 13.96 min Scan# 1849

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

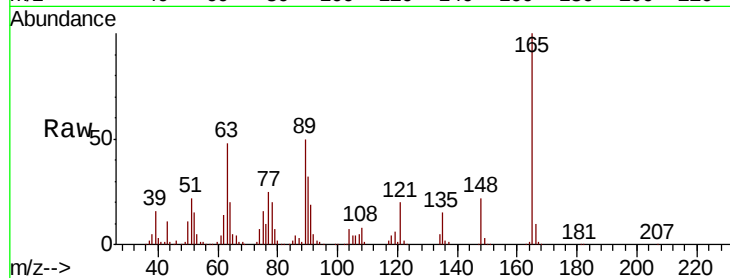
Tgt Ion:165 Resp: 369451

Ion Ratio Lower Upper

165 100

63 48.1 45.6 68.4

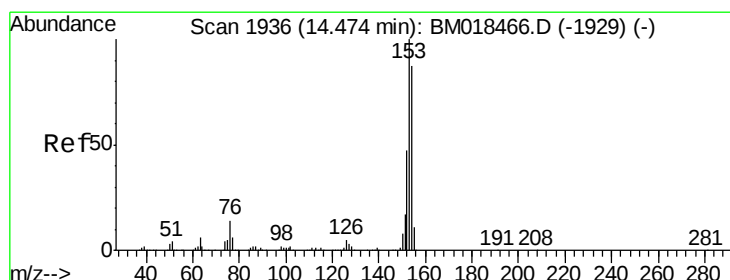
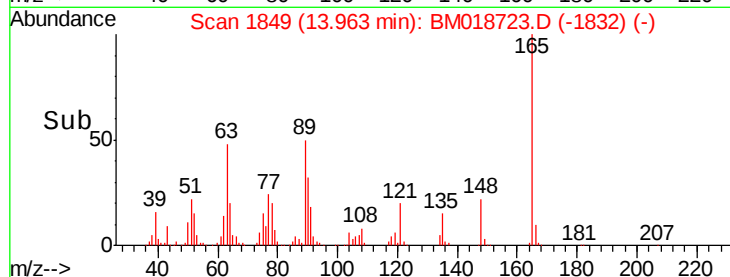
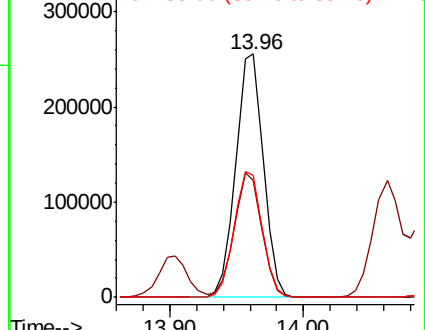
89 50.2 44.6 66.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 51.246 ng

RT: 14.43 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

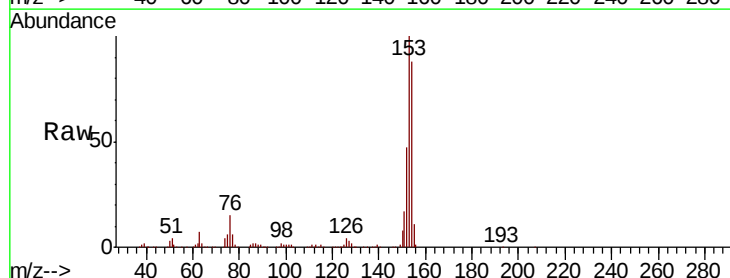
Tgt Ion:154 Resp: 1294202

Ion Ratio Lower Upper

154 100

153 114.1 92.3 138.5

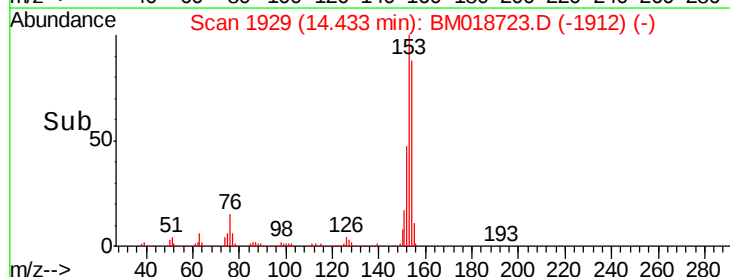
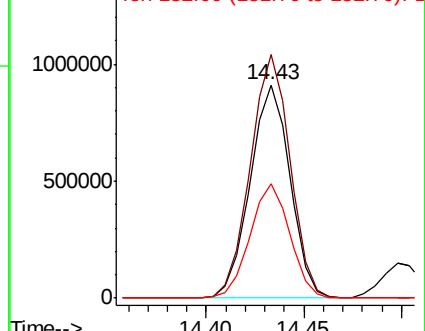
152 53.3 43.8 65.6

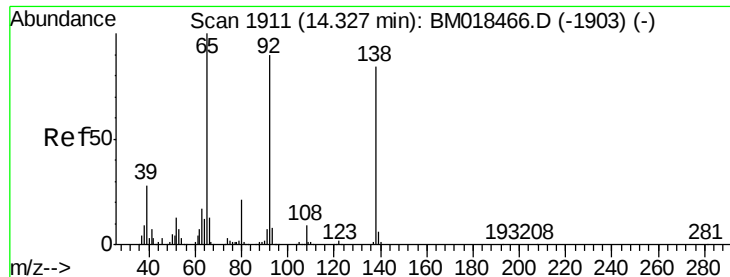


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 32.108 ng

RT: 14.29 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

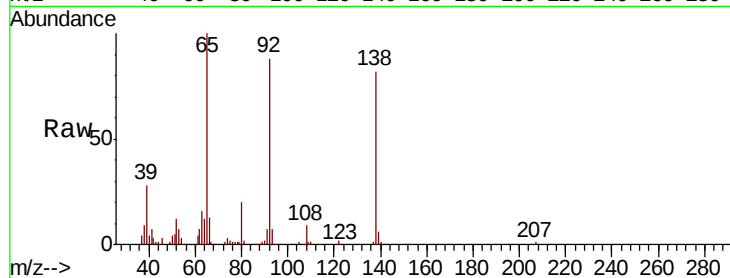
Tgt Ion:138 Resp: 235558

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

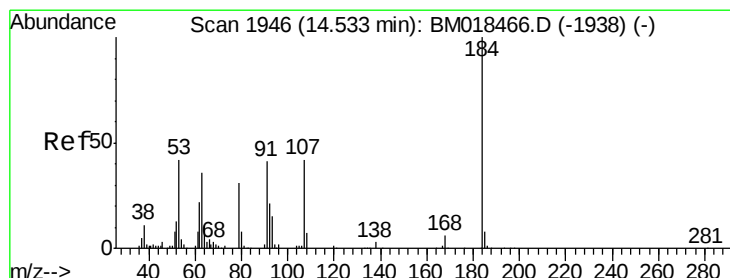
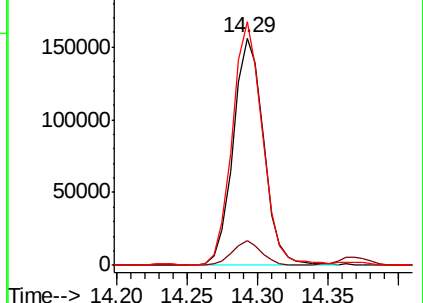
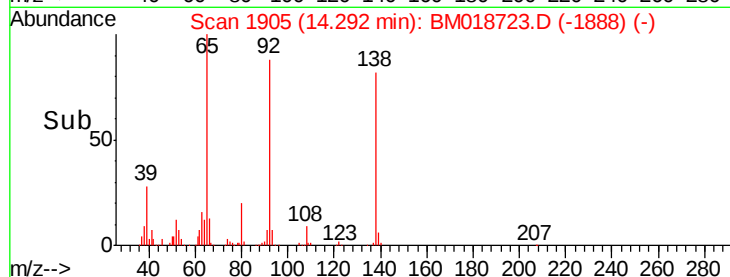
92 107.1 88.2 132.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM



#54

2,4-Dinitrophenol

Concen: 85.351 ng

RT: 14.50 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

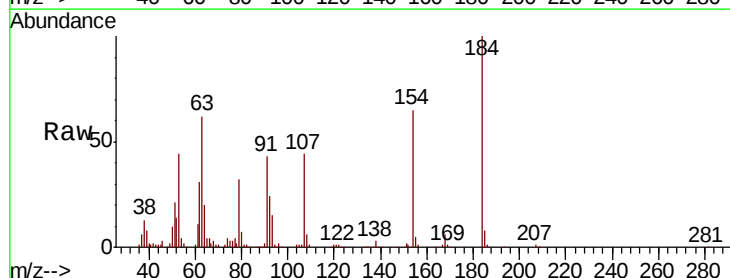
Tgt Ion:184 Resp: 338315

Ion Ratio Lower Upper

184 100

63 62.0 55.9 83.9

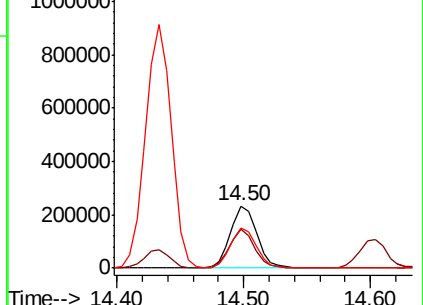
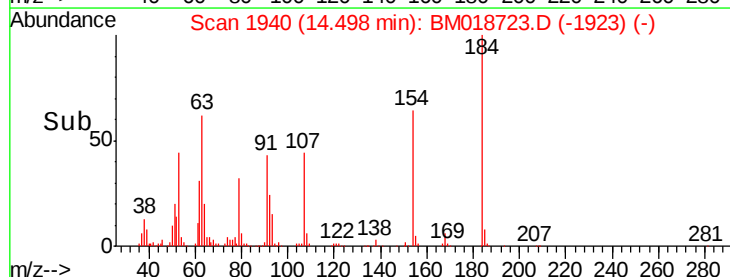
154 64.7 54.2 81.4

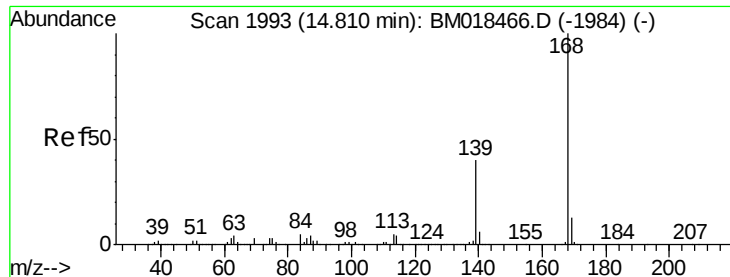


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E

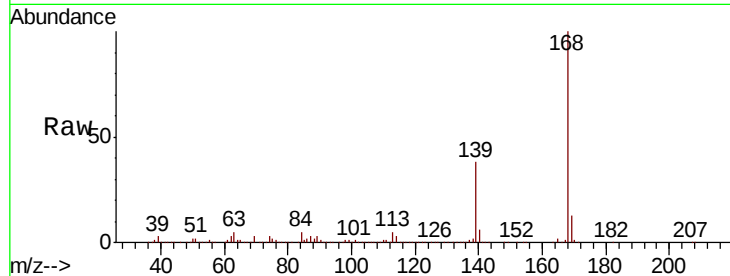




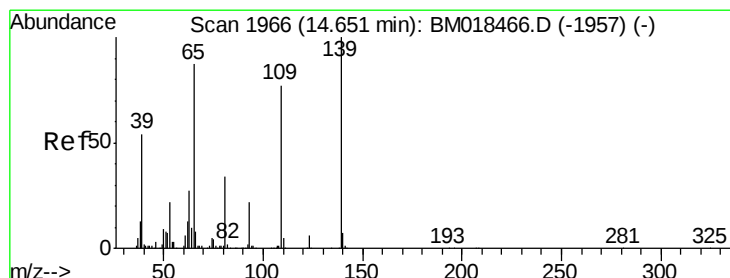
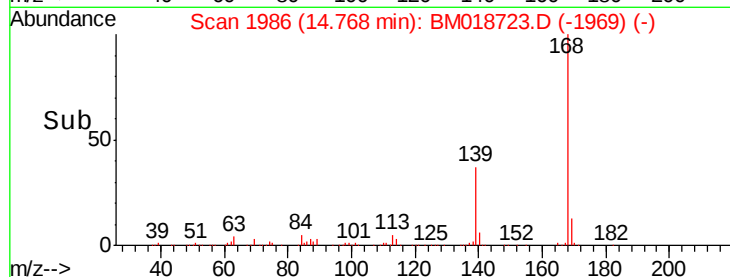
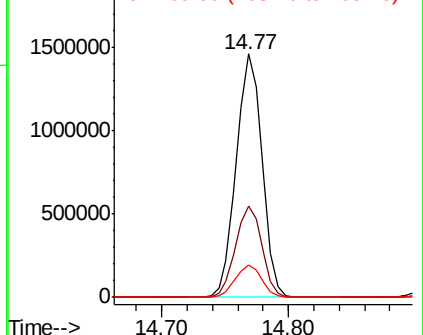
#55
Dibenzofuran
Concen: 49.175 ng
RT: 14.77 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMS

Tgt Ion:168 Resp: 2051954
Ion Ratio Lower Upper
168 100
139 37.8 30.3 45.5
169 13.2 10.6 16.0

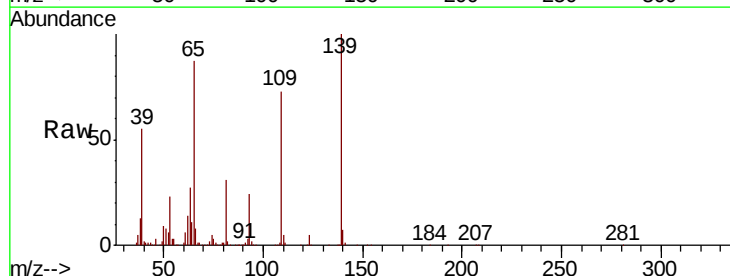


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

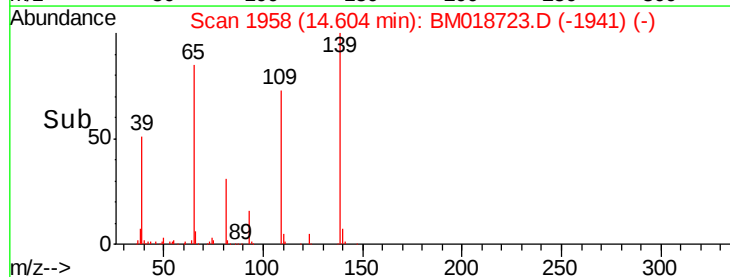
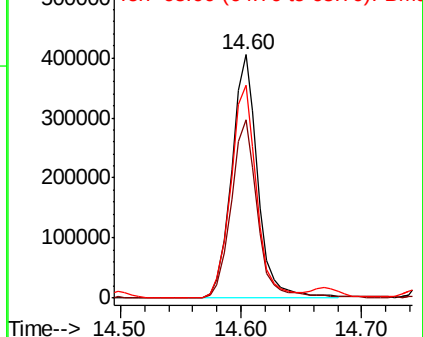


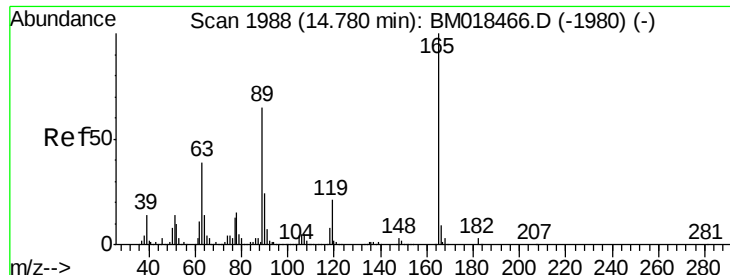
#56
4-Nitrophenol
Concen: 96.113 ng
RT: 14.60 min Scan# 1958
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion:139 Resp: 609152
Ion Ratio Lower Upper
139 100
109 73.3 51.7 91.7
65 87.3 71.4 111.4



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

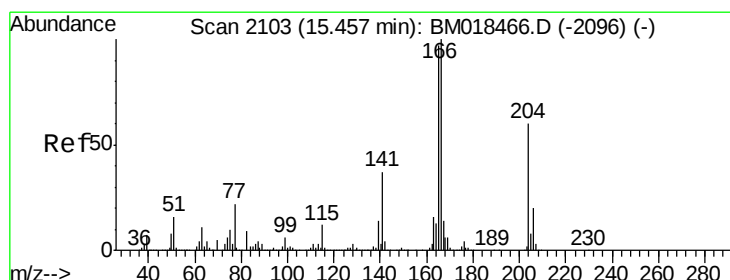
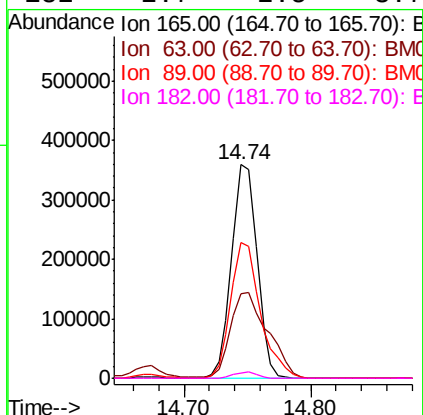
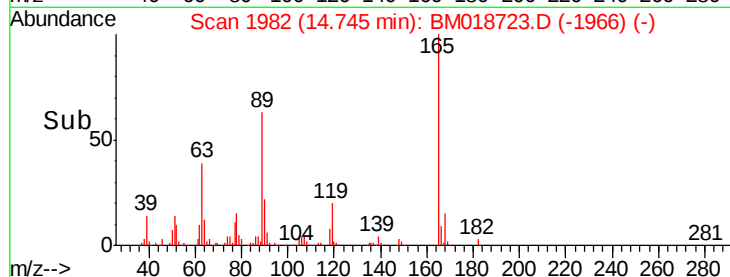
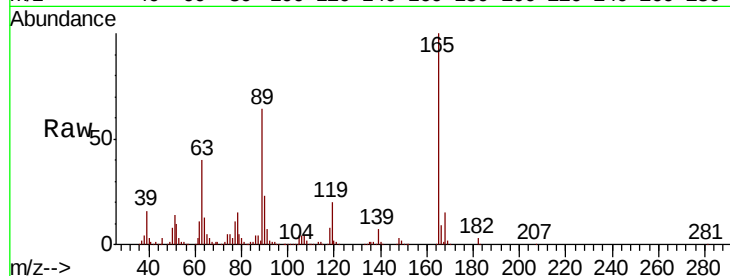




#57
2,4-Dinitrotoluene
Concen: 48.573 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

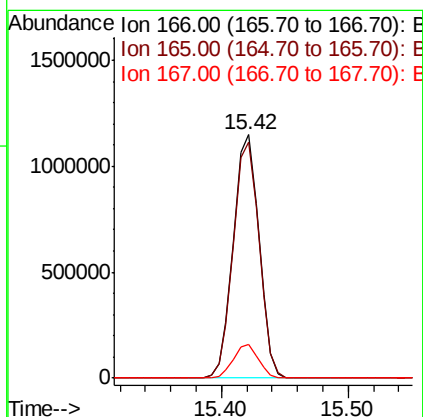
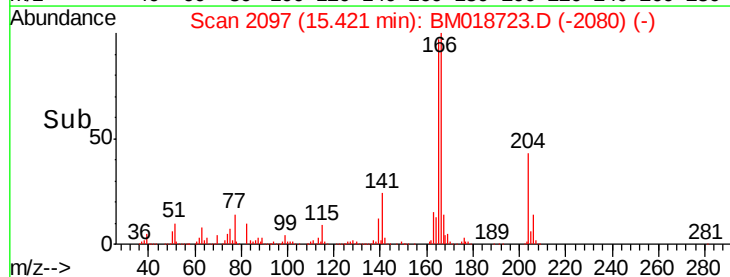
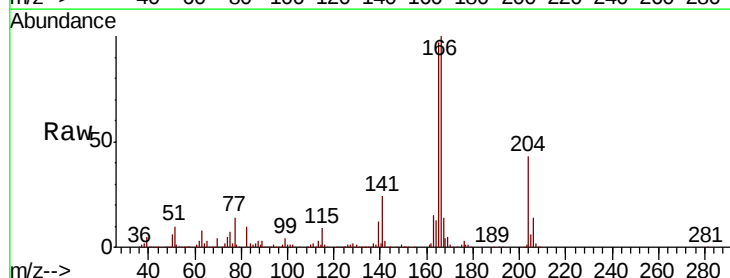
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMS

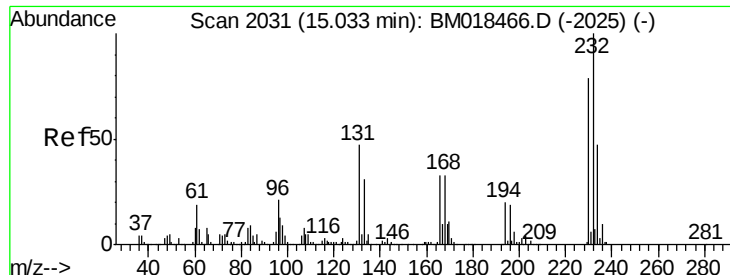
Tgt Ion:165 Resp: 500118
Ion Ratio Lower Upper
165 100
63 39.8 32.2 48.2
89 63.7 52.1 78.1
182 2.7 2.5 3.7



#58
Fluorene
Concen: 51.791 ng
RT: 15.42 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion:166 Resp: 1609911
Ion Ratio Lower Upper
166 100
165 96.8 78.3 117.5
167 13.6 10.9 16.3

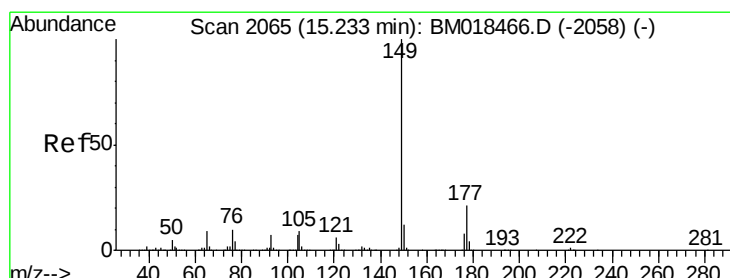
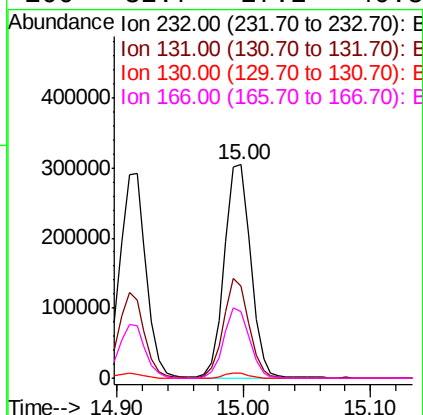
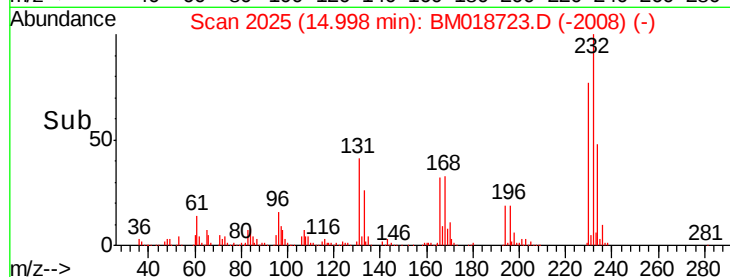
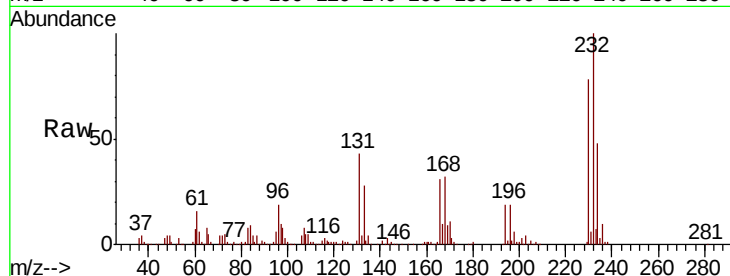




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.764 ng
RT: 15.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

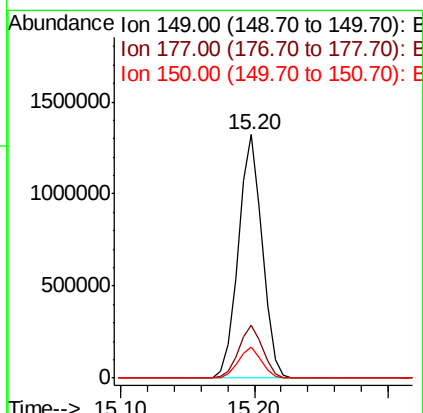
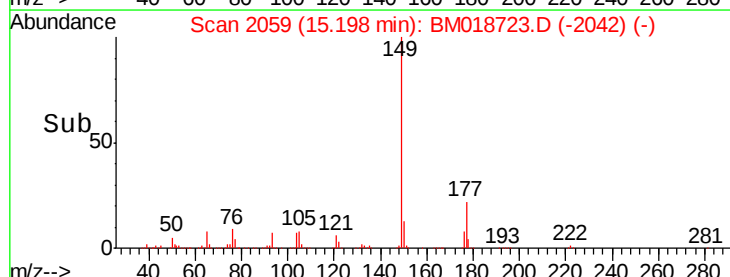
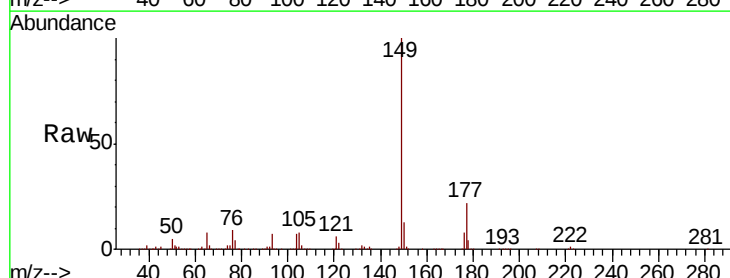
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMS

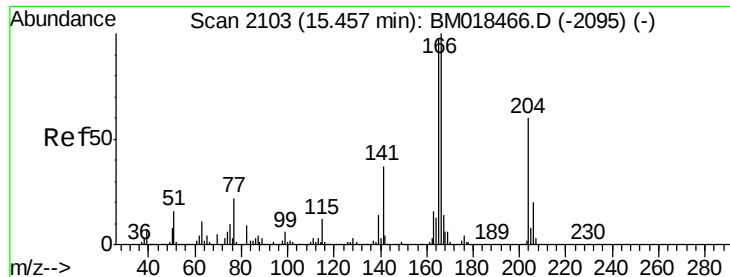
Tgt Ion:	232	Resp:	436926
Ion	Ratio	Lower	Upper
232	100		
131	45.0	38.6	57.8
130	2.4	2.2	3.4
166	32.7	27.2	40.8



#60
Diethylphthalate
Concen: 46.929 ng
RT: 15.20 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion:	149	Resp:	1627528
Ion	Ratio	Lower	Upper
149	100		
177	21.7	17.1	25.7
150	12.6	9.8	14.6

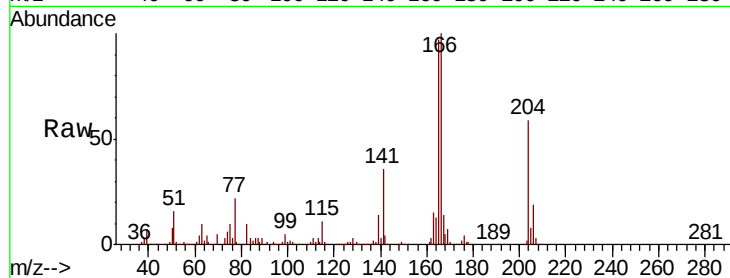




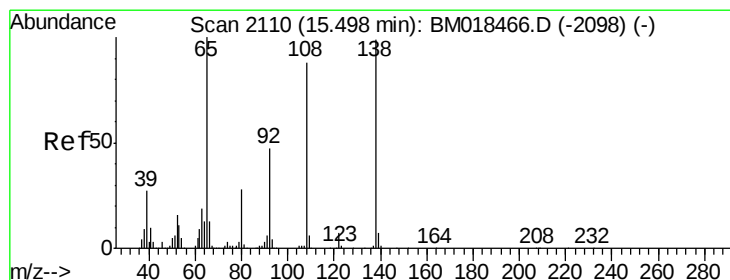
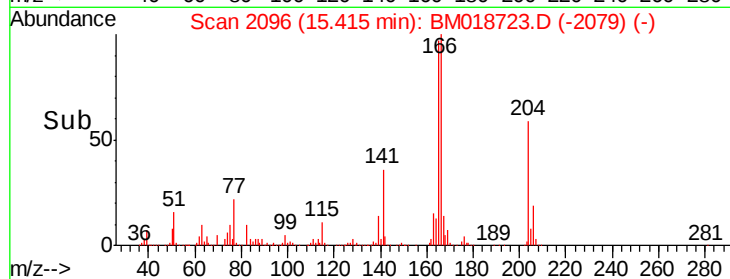
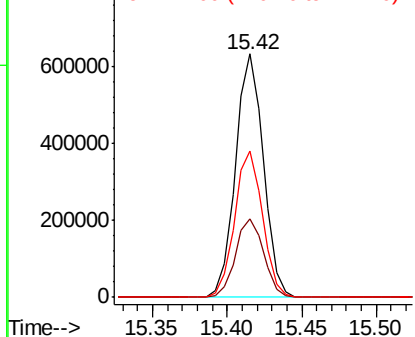
#61
4-Chlorophenyl-phenylether
Concen: 45.951 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMS

Tgt Ion:204 Resp: 823245
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.6
141 60.3 49.5 74.3

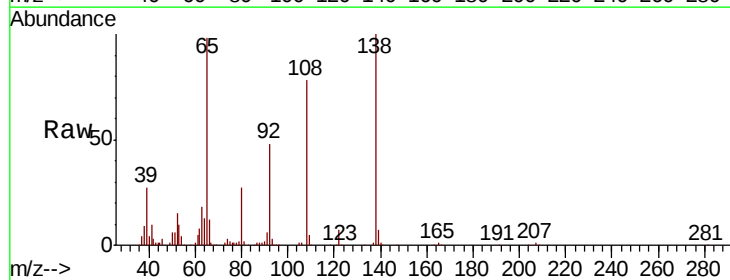


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

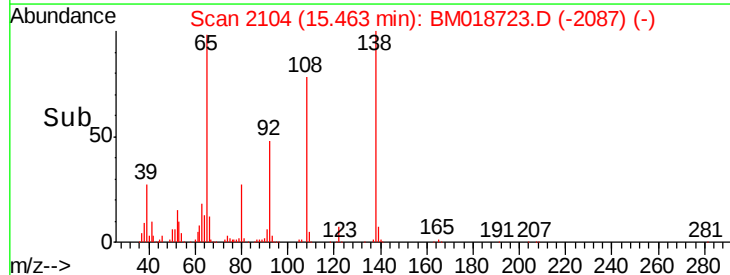
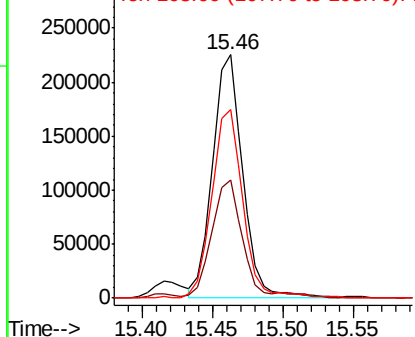


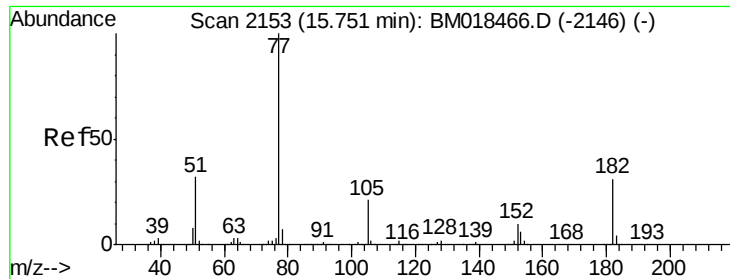
#62
4-Nitroaniline
Concen: 41.533 ng
RT: 15.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion:138 Resp: 332355
Ion Ratio Lower Upper
138 100
92 48.3 29.0 69.0
108 77.7 63.9 103.9



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

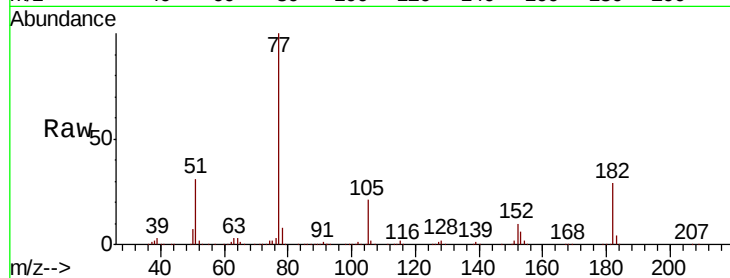




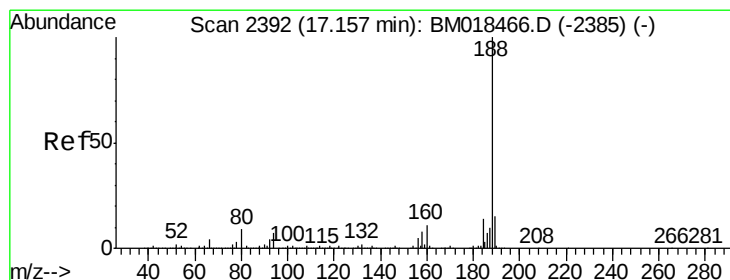
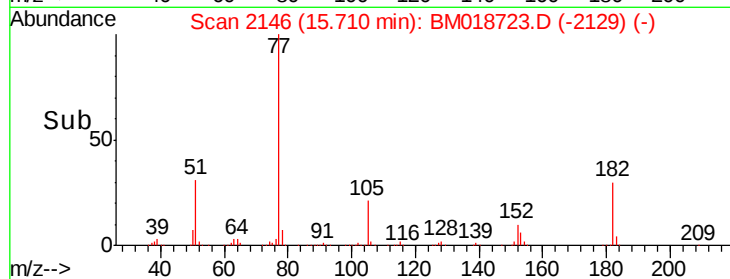
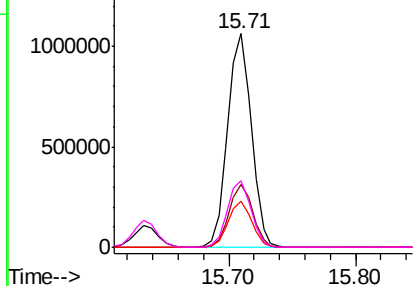
#63
Azobenzene
Concen: 48.362 ng
RT: 15.71 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMS

Tgt Ion: 77 Resp: 1367468
Ion Ratio Lower Upper
77 100
182 29.5 7.4 47.4
105 21.3 0.0 39.6
51 31.0 12.0 52.0

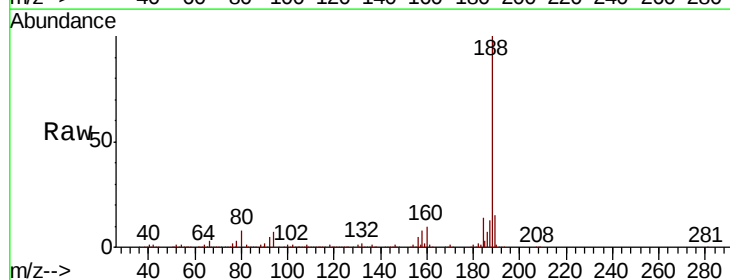


Abundance Ion 77.00 (76.70 to 77.70): BM018723.D (-2146) (-)
Ion 182.00 (181.70 to 182.70): BM018723.D (-2146) (-)
Ion 105.00 (104.70 to 105.70): BM018723.D (-2146) (-)
Ion 51.00 (50.70 to 51.70): BM018723.D (-2146) (-)

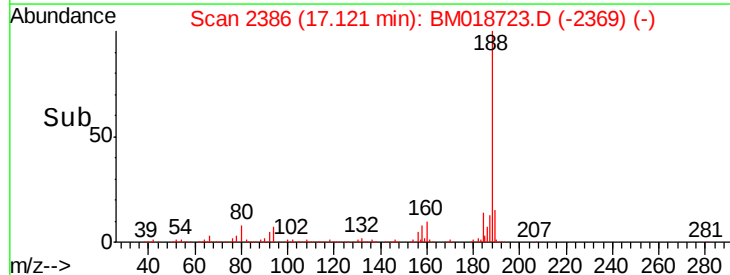
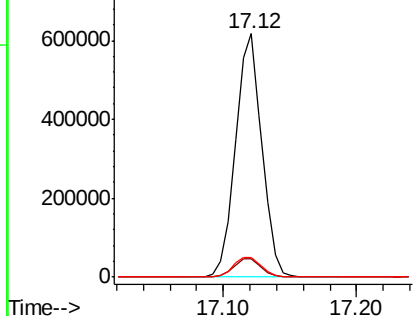


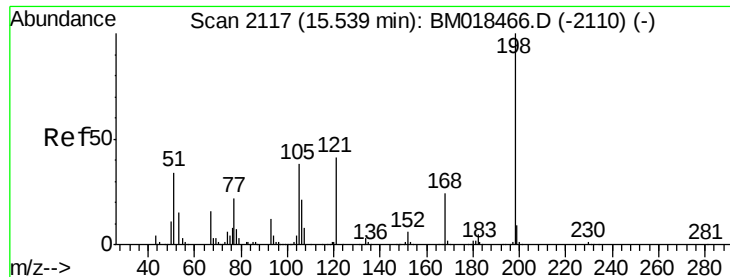
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion: 188 Resp: 841382
Ion Ratio Lower Upper
188 100
94 7.4 7.1 10.7
80 8.2 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): BM018723.D (-2369) (-)
Ion 94.00 (93.70 to 94.70): BM018723.D (-2369) (-)
Ion 80.00 (79.70 to 80.70): BM018723.D (-2369) (-)

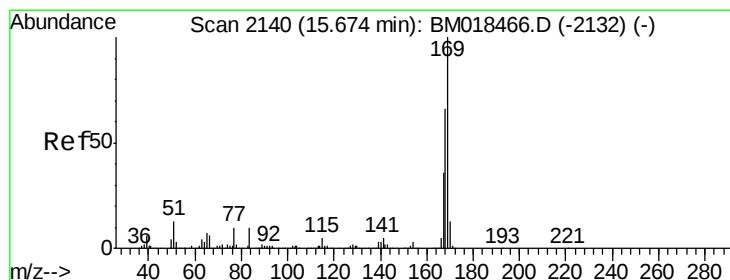
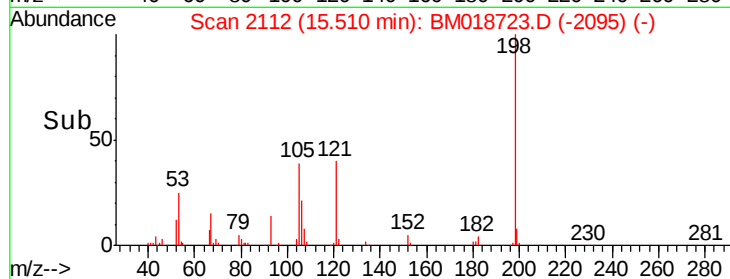
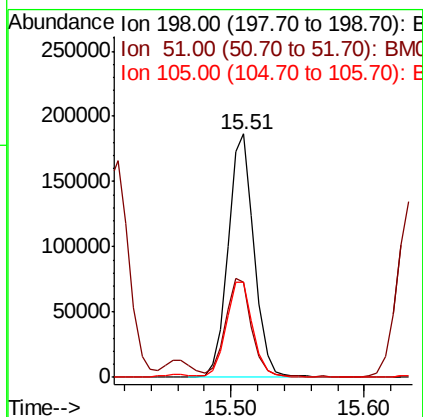
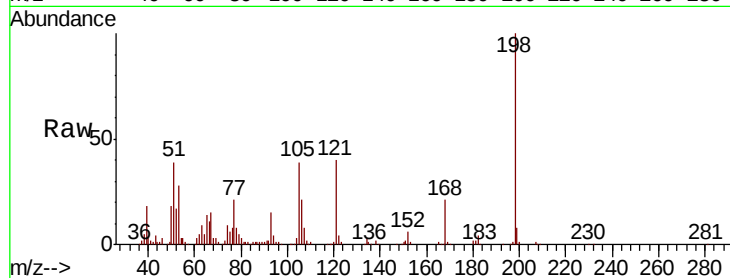




#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.326 ng
 RT: 15.51 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BM018723.D
 Acq: 04 Feb 2019 17:48

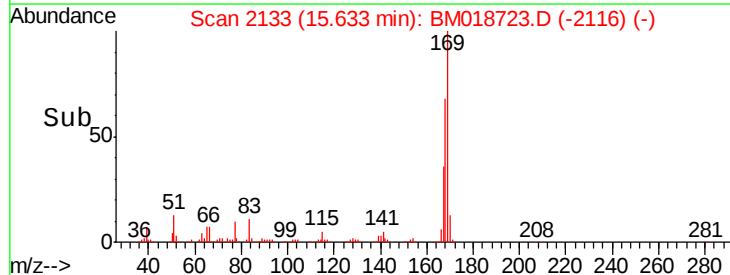
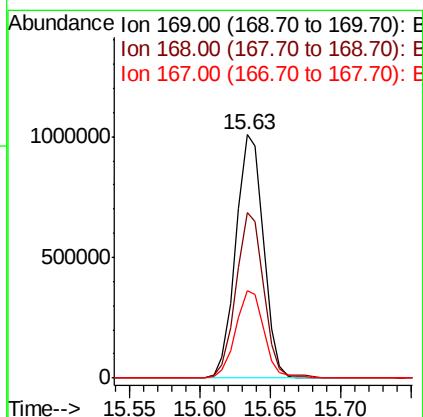
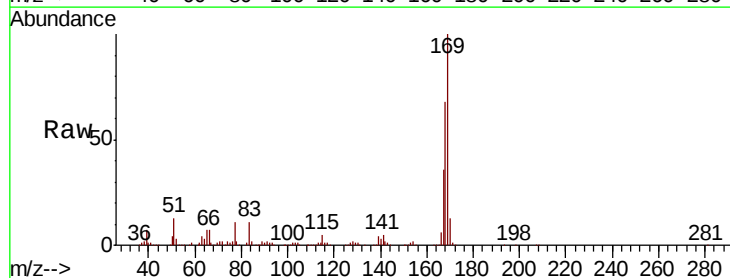
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMS

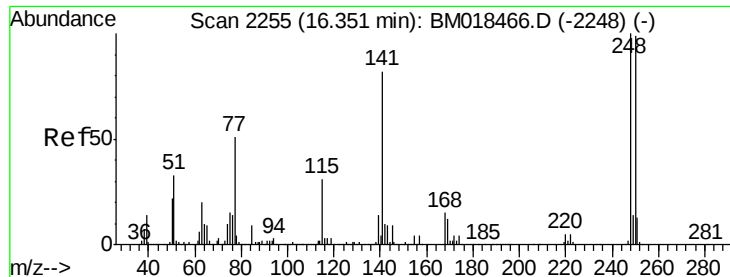
Tgt Ion	Ratio	Lower	Upper
198	100		
51	39.3	29.6	69.6
105	39.2	25.5	65.5



#66
 n-Nitrosodiphenylamine
 Concen: 52.725 ng
 RT: 15.63 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BM018723.D
 Acq: 04 Feb 2019 17:48

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.8	54.1	81.1
167	36.2	28.6	42.8

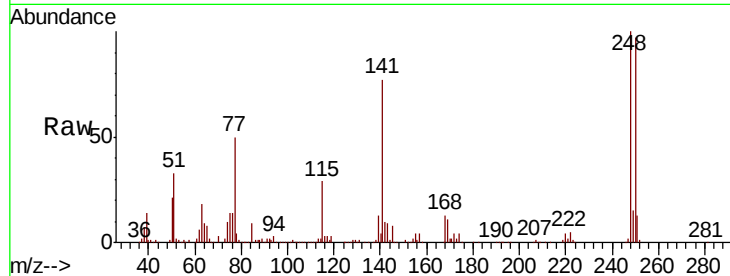




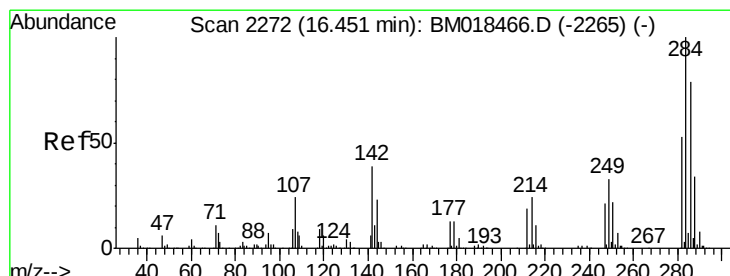
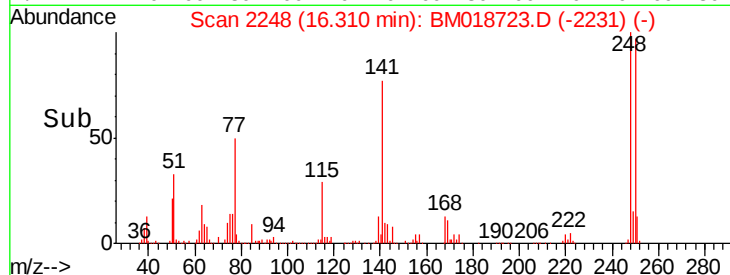
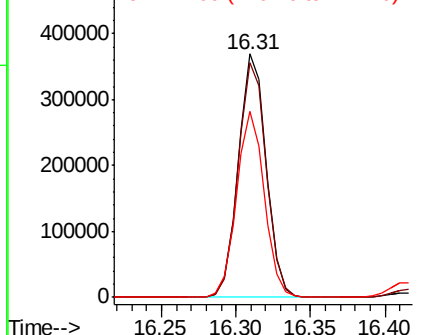
#67
4-Bromophenyl-phenylether
Concen: 50.786 ng
RT: 16.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMS

Tgt Ion:248 Resp: 478178
Ion Ratio Lower Upper
248 100
250 96.5 76.0 114.0
141 76.5 61.5 92.3

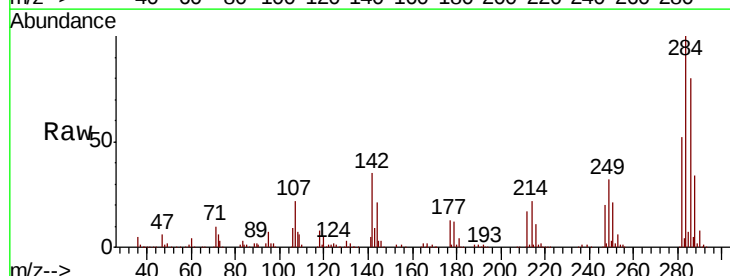


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

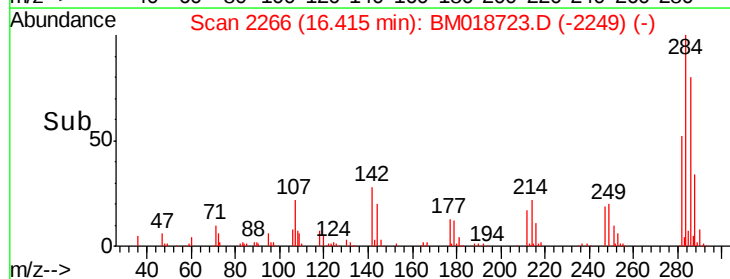
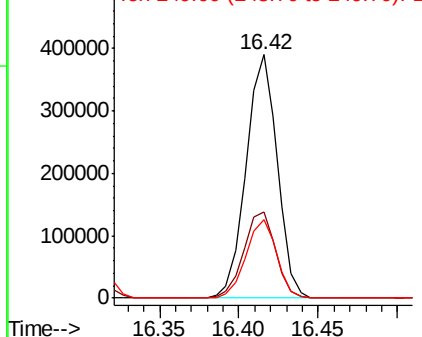


#68
Hexachlorobenzene
Concen: 50.373 ng
RT: 16.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion:284 Resp: 530967
Ion Ratio Lower Upper
284 100
142 35.1 29.2 43.8
249 32.3 26.1 39.1



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: 47.697 ng

RT: 16.59 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

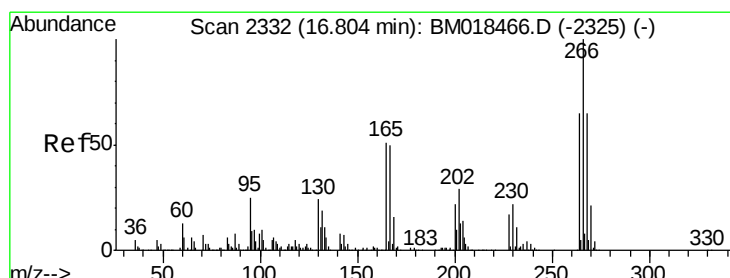
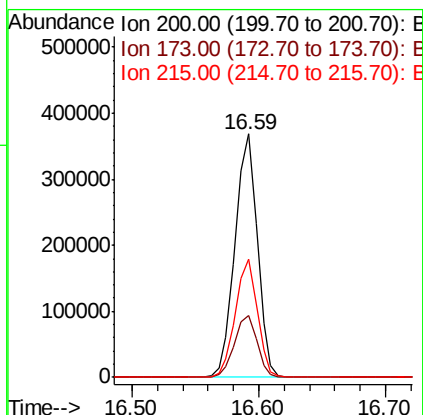
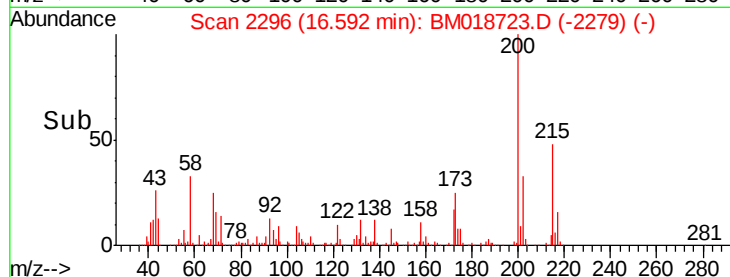
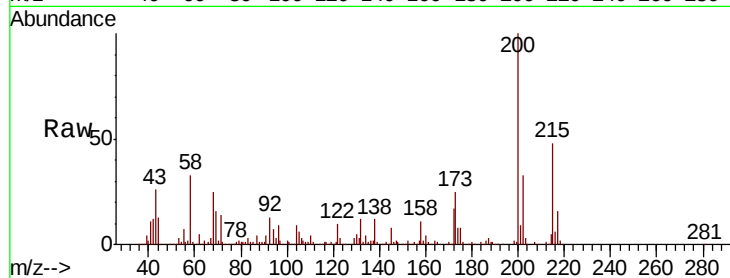
Tgt Ion:200 Resp: 450032

Ion Ratio Lower Upper

200 100

173 25.5 7.2 47.2

215 48.3 28.3 68.3



#70

Pentachlorophenol

Concen: 88.035 ng

RT: 16.77 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

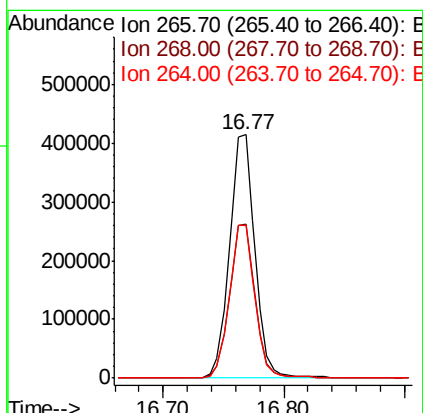
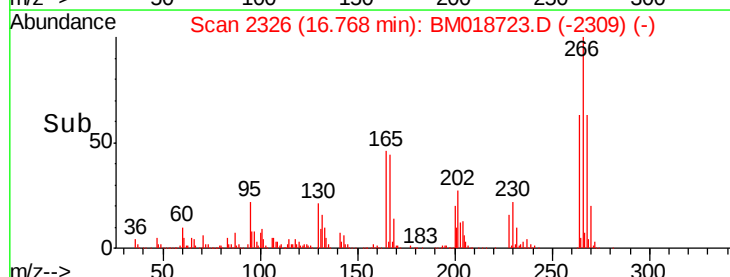
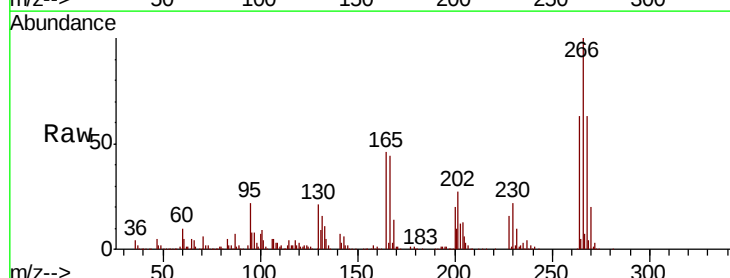
Tgt Ion:266 Resp: 607728

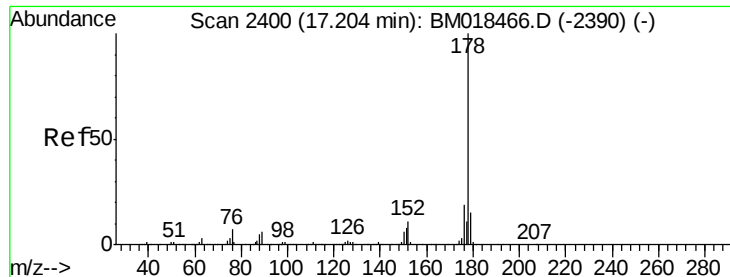
Ion Ratio Lower Upper

266 100

268 63.5 49.8 74.6

264 62.5 50.1 75.1

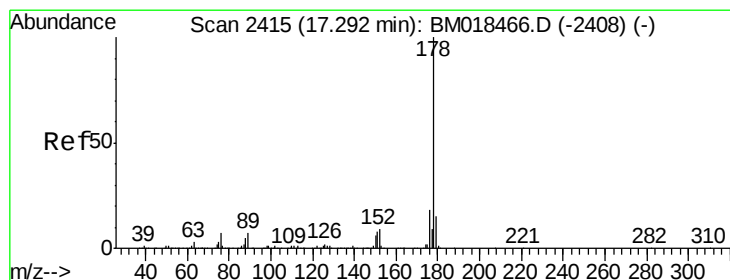
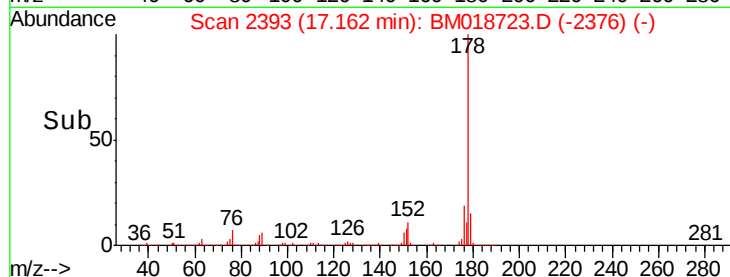
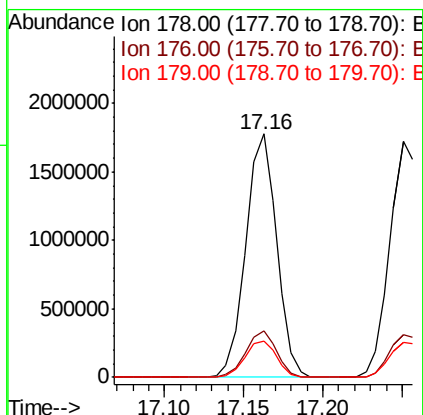
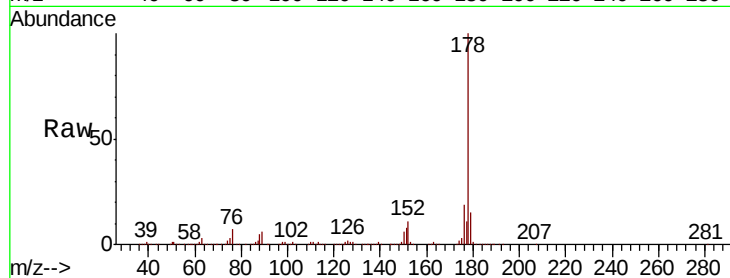




#71
Phenanthrene
Concen: 53.814 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

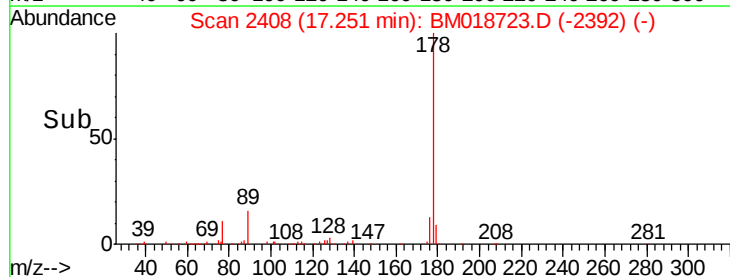
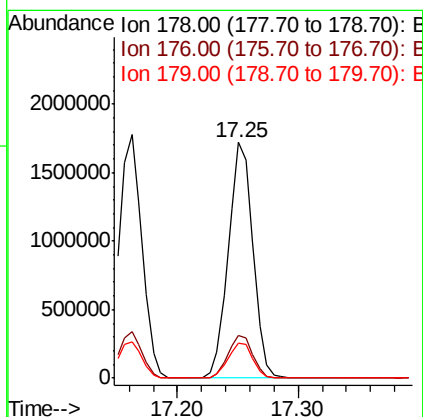
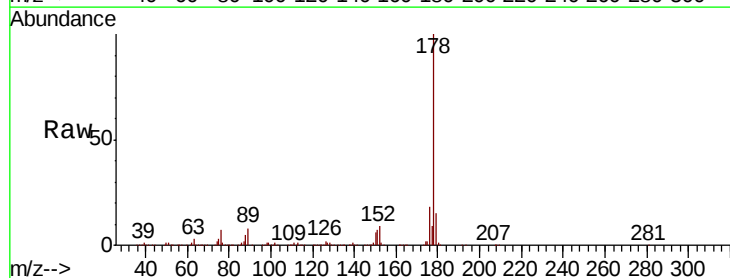
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMS

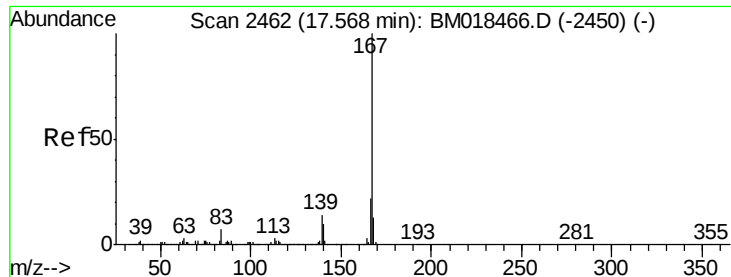
Tgt Ion:178 Resp: 2408354
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.1 12.2 18.4



#72
Anthracene
Concen: 56.447 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion:178 Resp: 2429188
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.0 12.2 18.4

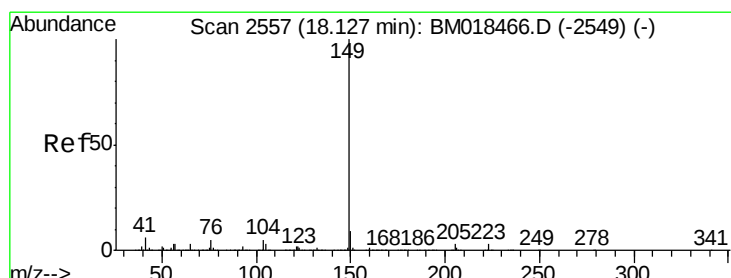
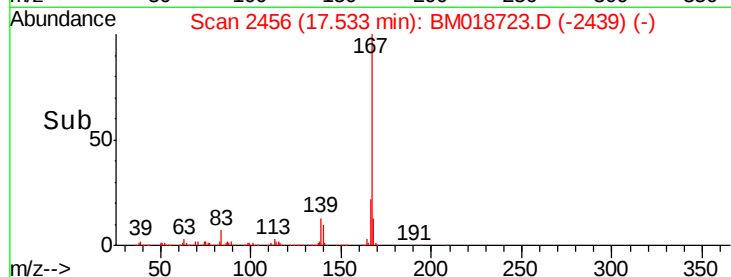
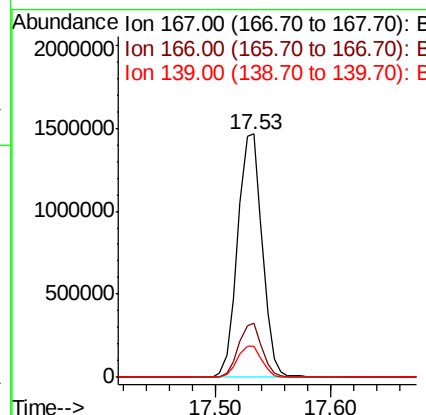
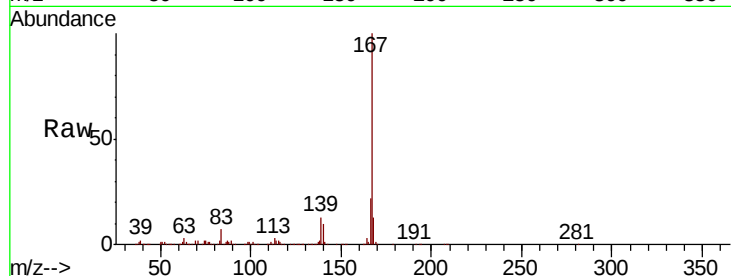




#73
 Carbazole
 Concen: 48.906 ng
 RT: 17.53 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: BM018723.D
 Acq: 04 Feb 2019 17:48

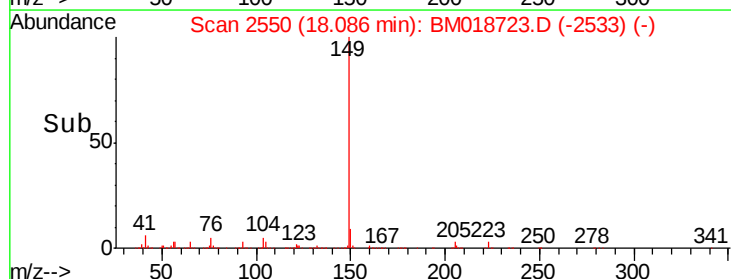
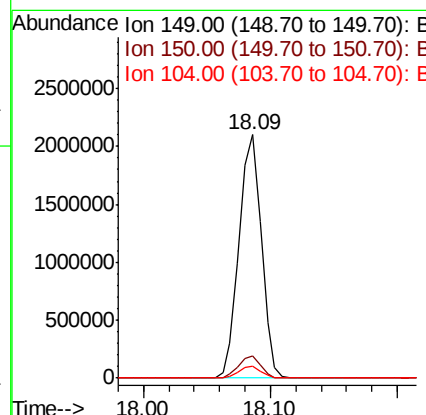
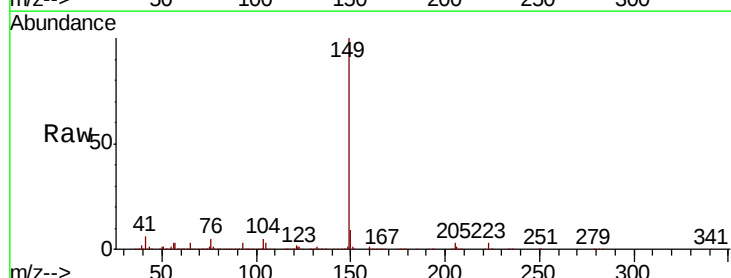
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMS

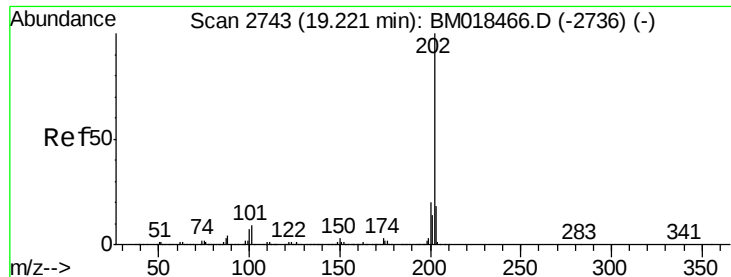
Tgt Ion:167 Resp: 2162290
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 12.6 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 52.794 ng
 RT: 18.09 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: BM018723.D
 Acq: 04 Feb 2019 17:48

Tgt Ion:149 Resp: 2556831
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 4.9 4.2 6.4





#75

Fluoranthene

Concen: 51.533 ng

RT: 19.18 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

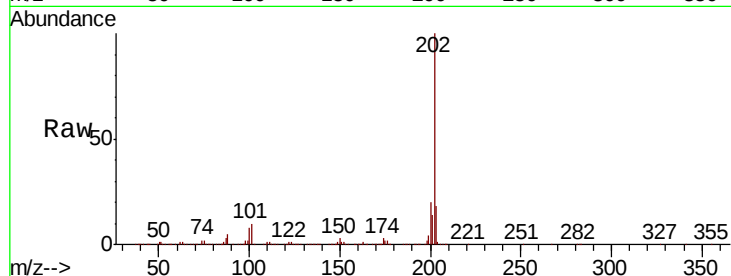
Tgt Ion:202 Resp: 2658945

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.9

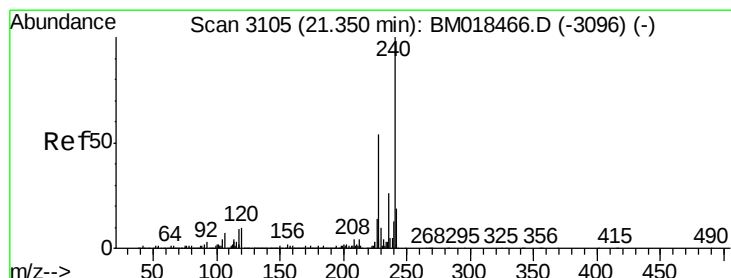
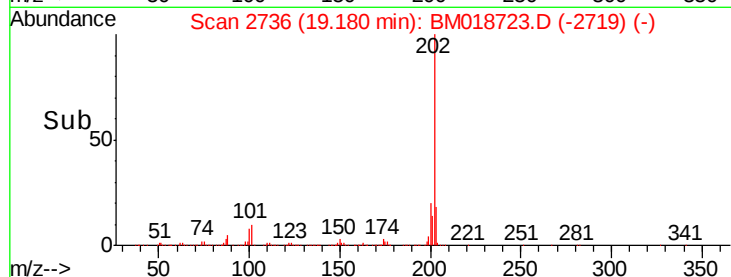
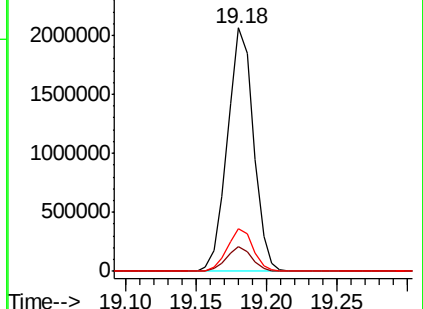
203 17.7 0.0 37.4



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: 21.32 min Scan# 3099

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

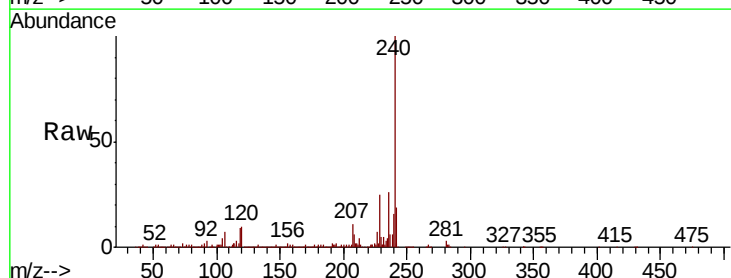
Tgt Ion:240 Resp: 818291

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

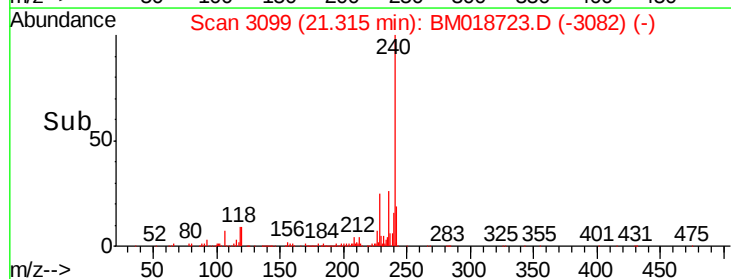
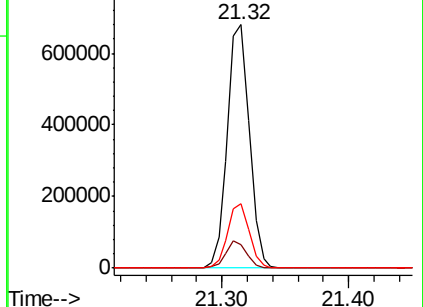
236 26.4 20.7 31.1

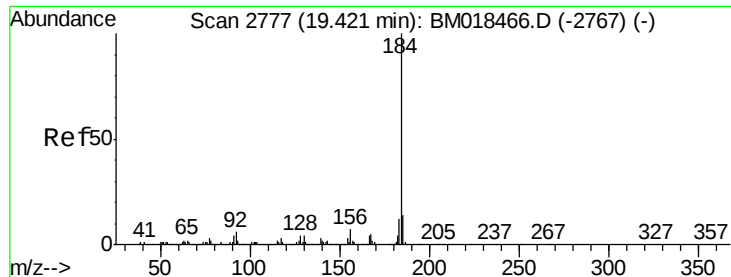


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 23.230 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

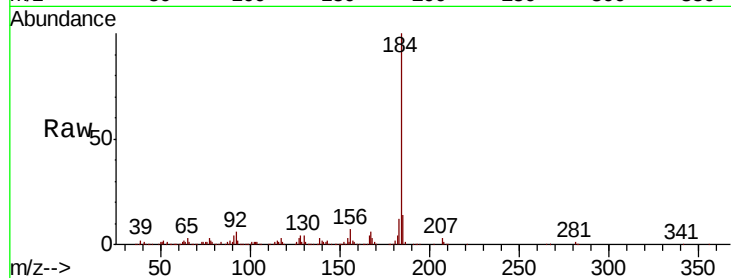
Tgt Ion:184 Resp: 469354

Ion Ratio Lower Upper

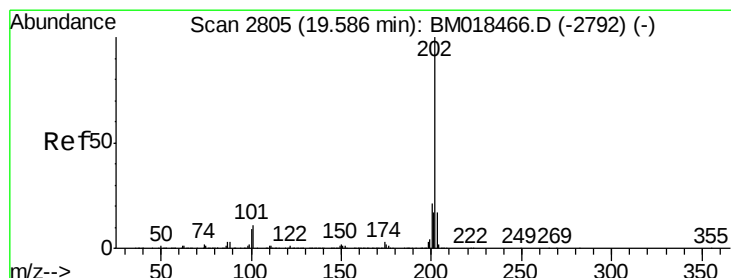
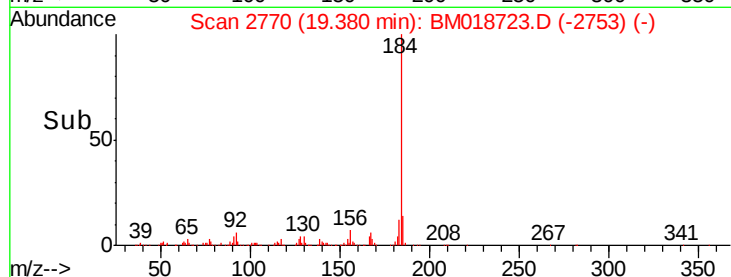
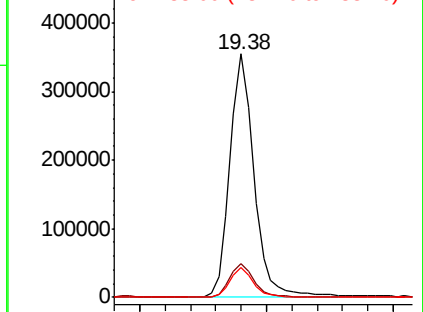
184 100

185 14.0 11.4 17.0

183 12.0 9.5 14.3



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: 55.920 ng

RT: 19.55 min Scan# 2799

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

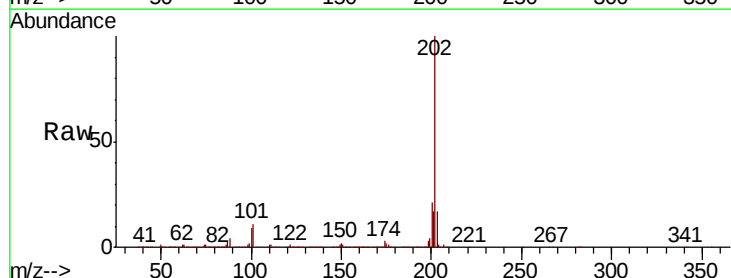
Tgt Ion:202 Resp: 2712334

Ion Ratio Lower Upper

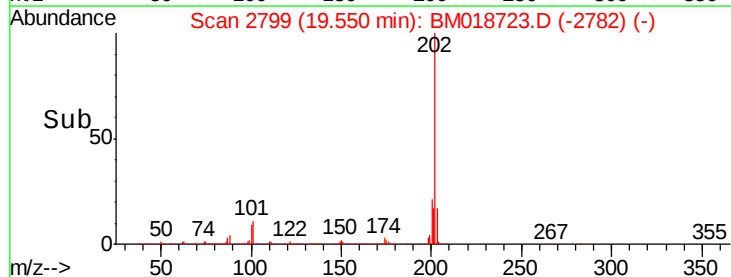
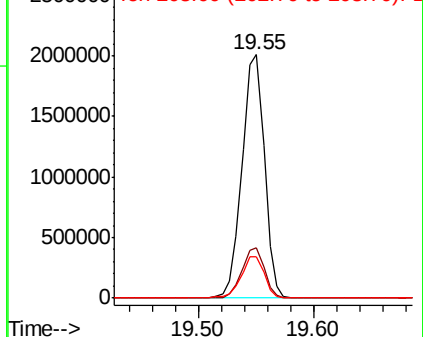
202 100

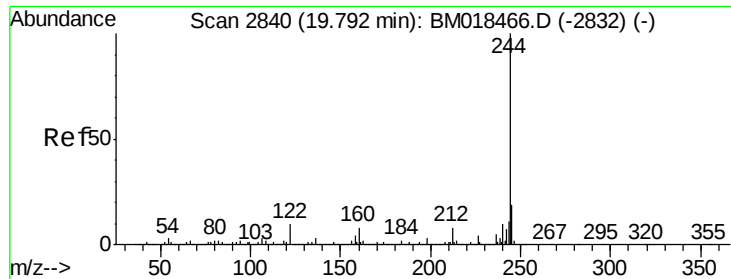
200 20.7 16.6 24.8

203 17.0 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: 77.265 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

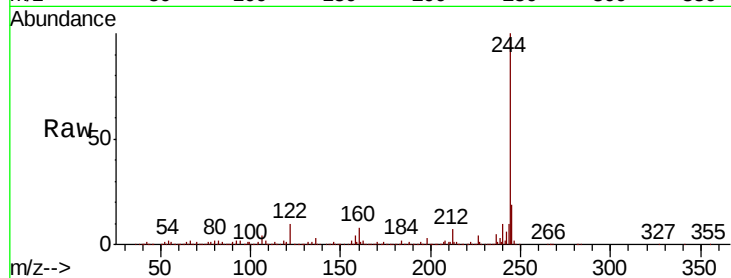
Tgt Ion:244 Resp: 2999236

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

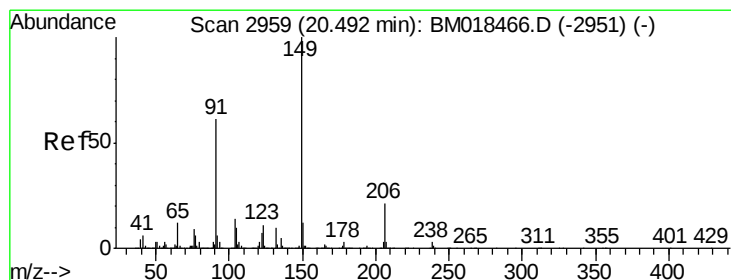
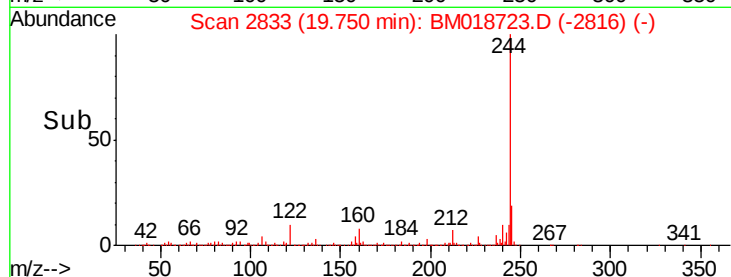
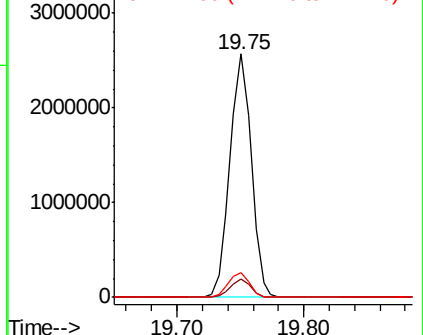
122 10.0 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 53.259 ng

RT: 20.45 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

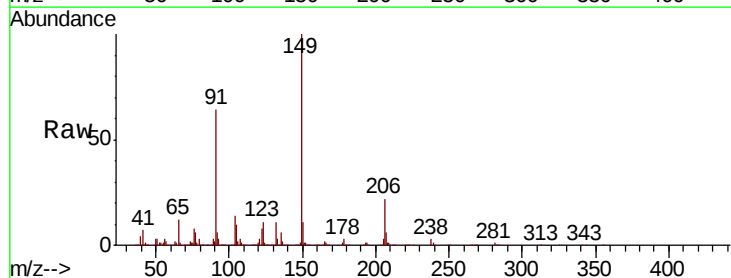
Tgt Ion:149 Resp: 1102314

Ion Ratio Lower Upper

149 100

91 64.2 53.1 79.7

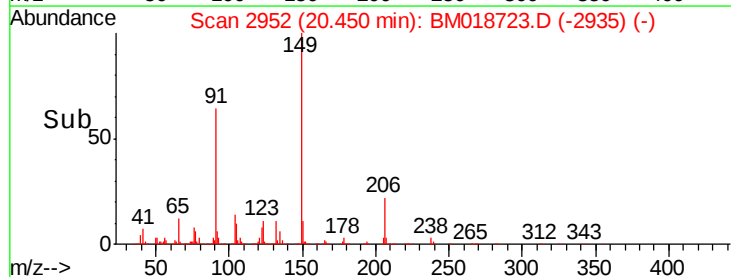
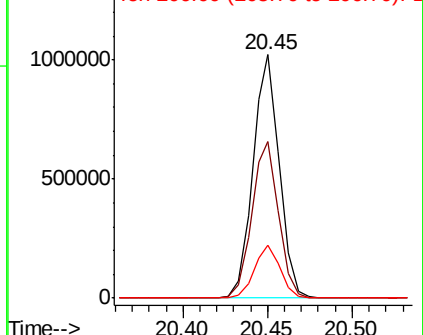
206 21.6 16.2 24.4

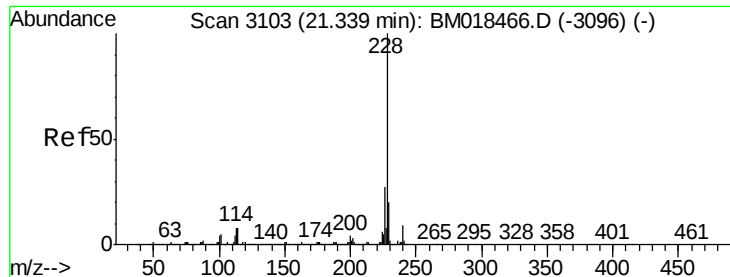


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 54.760 ng

RT: 21.30 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

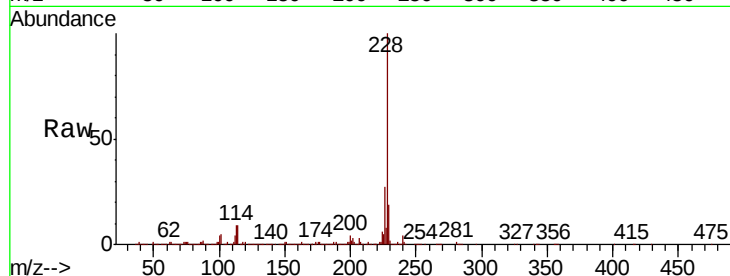
Tgt Ion:228 Resp: 2639802

Ion Ratio Lower Upper

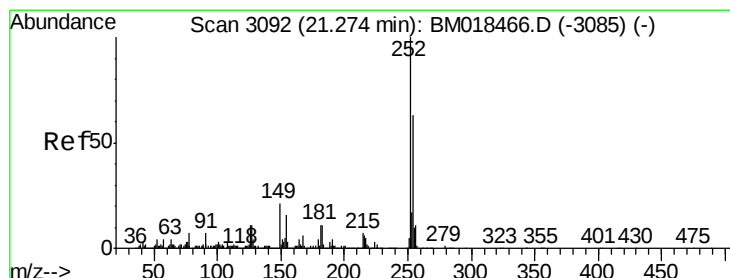
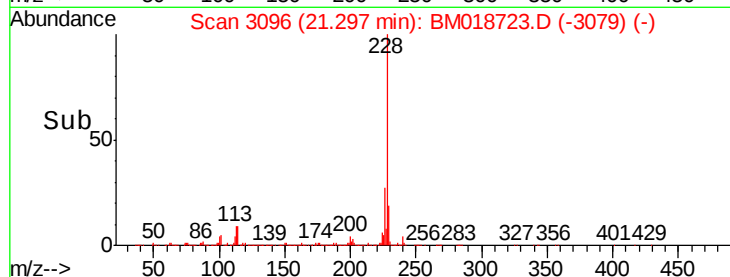
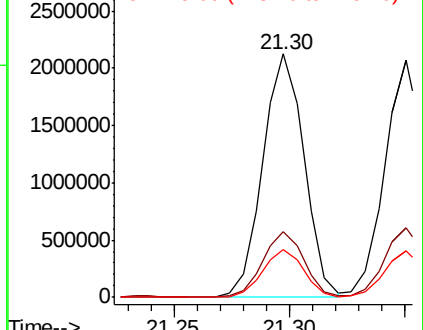
228 100

226 26.9 21.8 32.6

229 19.4 15.8 23.8



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: 35.448 ng

RT: 21.24 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

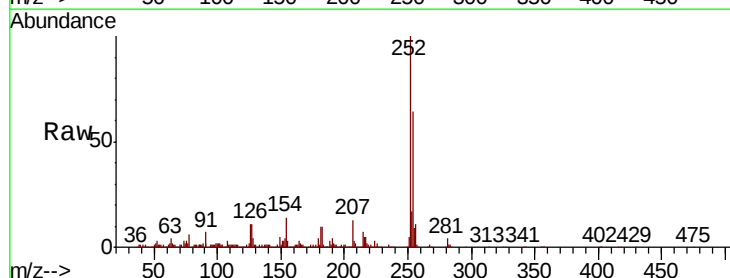
Tgt Ion:252 Resp: 646179

Ion Ratio Lower Upper

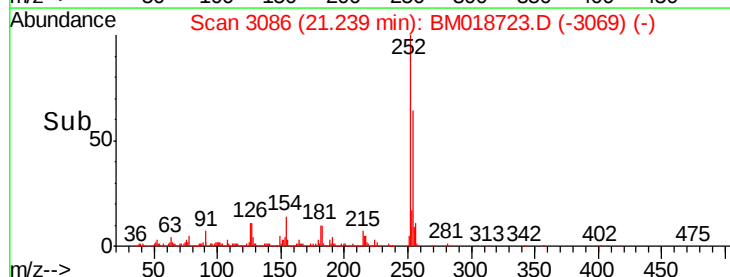
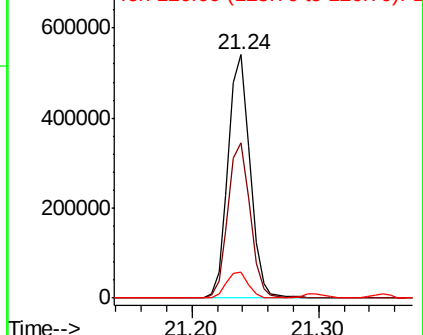
252 100

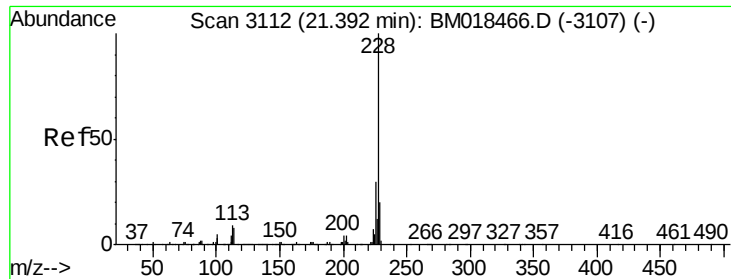
254 64.0 51.4 77.0

126 10.5 8.7 13.1



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: 53.572 ng

RT: 21.35 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

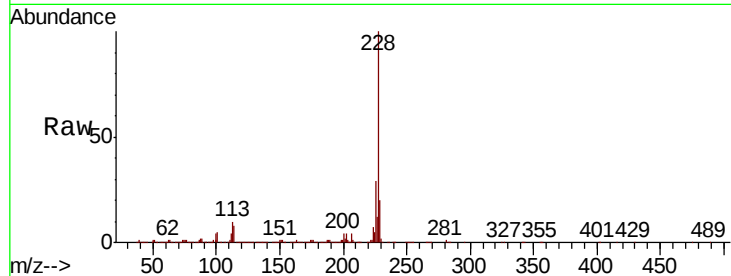
Tgt Ion:228 Resp: 2493812

Ion Ratio Lower Upper

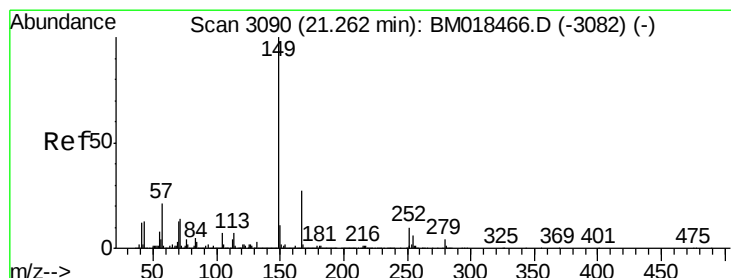
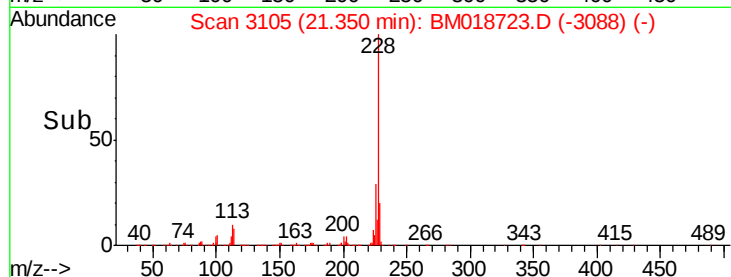
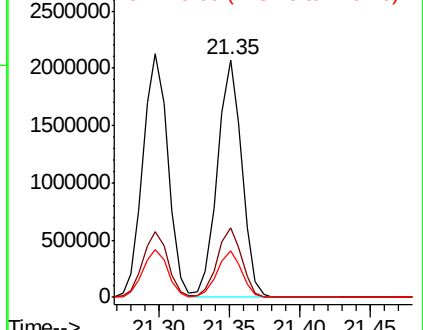
228 100

226 29.4 24.2 36.2

229 19.7 15.6 23.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.667 ng

RT: 21.22 min Scan# 3083

Delta R.T. 0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

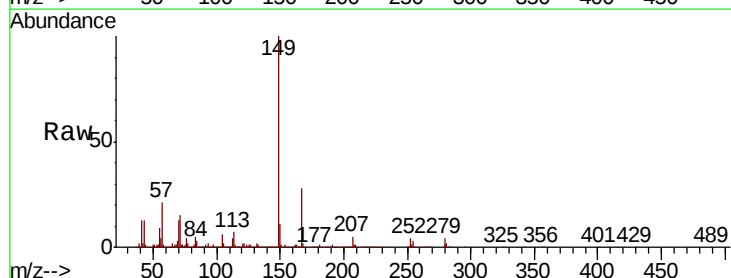
Tgt Ion:149 Resp: 1574047

Ion Ratio Lower Upper

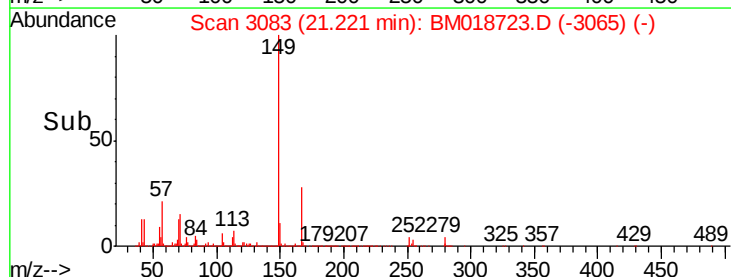
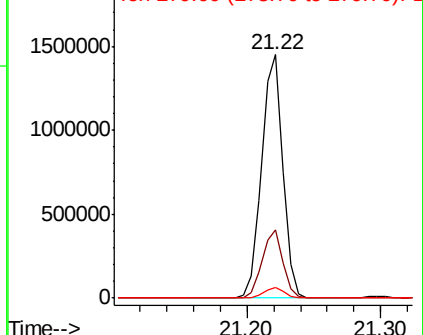
149 100

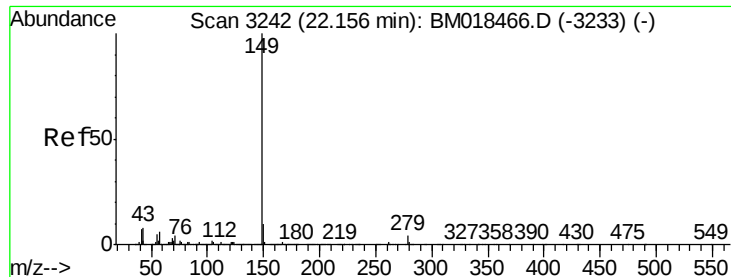
167 27.8 21.6 32.4

279 4.5 3.3 4.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 53.645 ng

RT: 22.10 min Scan# 3233

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

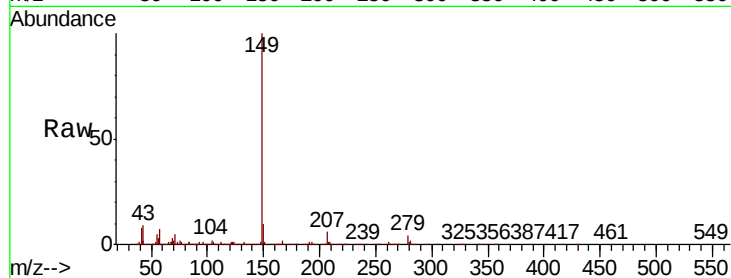
Tgt Ion:149 Resp: 2696585

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

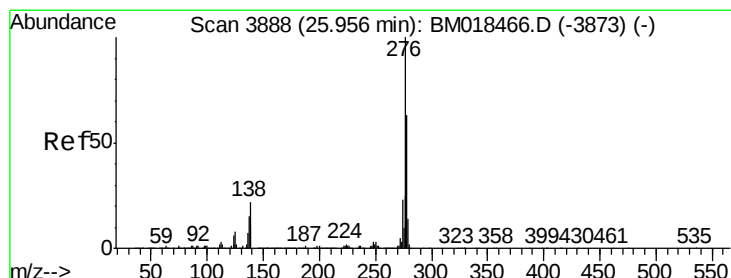
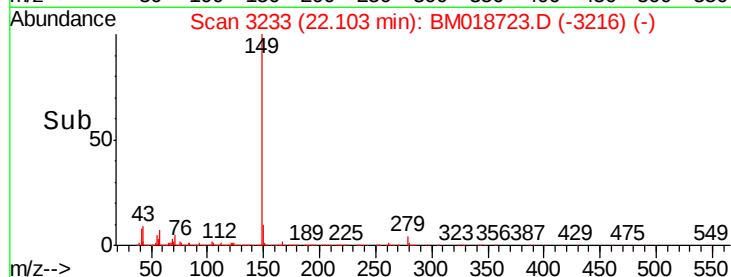
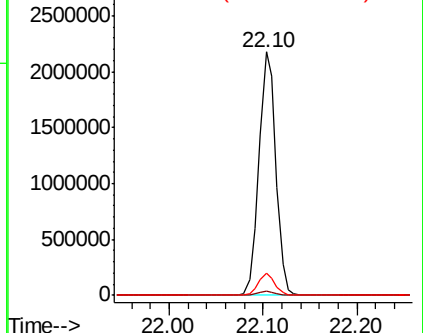
43 8.7 8.6 12.8



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: 64.978 ng

RT: 25.87 min Scan# 3874

Delta R.T. 0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

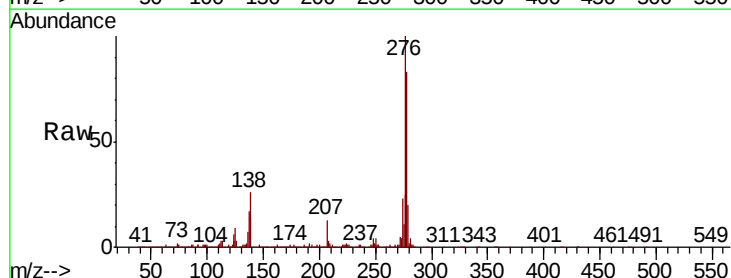
Tgt Ion:276 Resp: 3487882

Ion Ratio Lower Upper

276 100

138 24.7 21.5 32.3

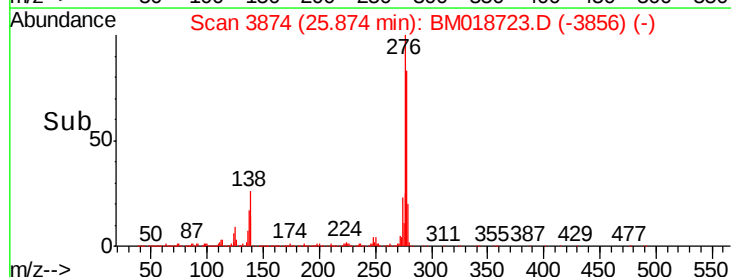
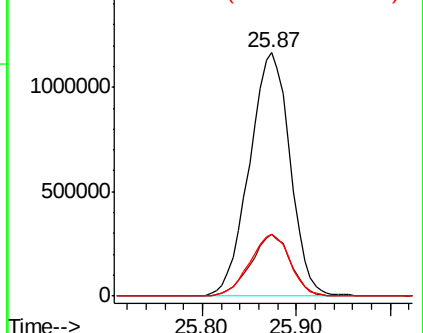
277 25.3 20.2 30.2

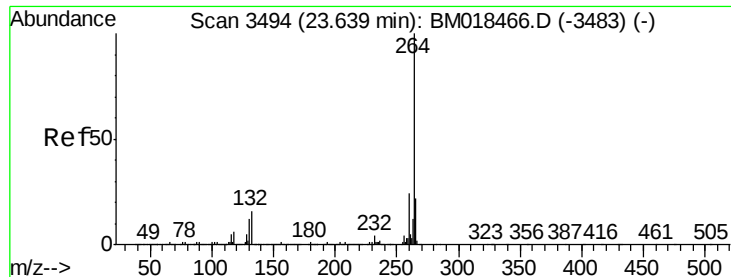


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



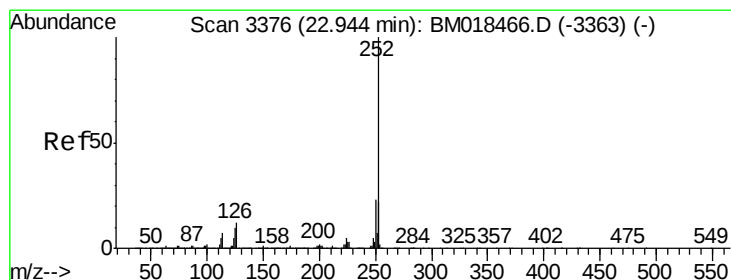
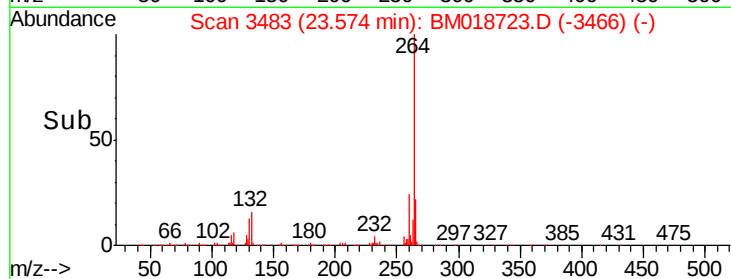
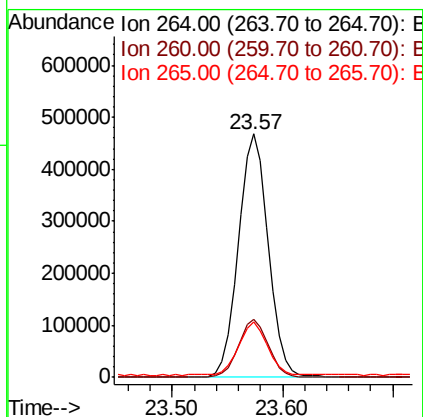
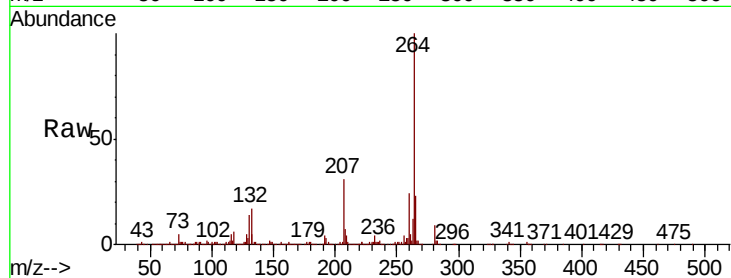


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3483
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMS

Tgt Ion: 264 Resp: 889156

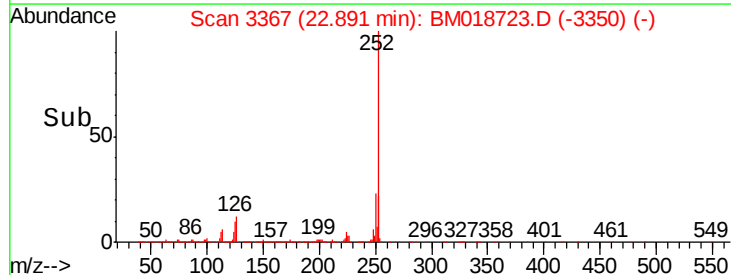
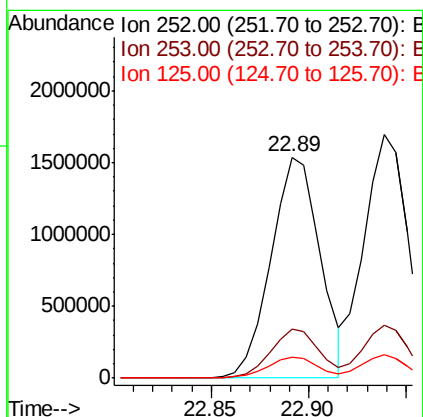
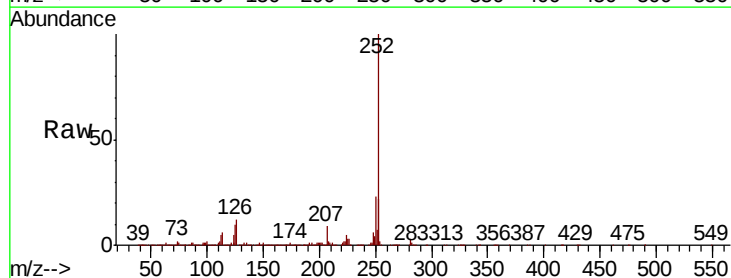
Ion	Ratio	Lower	Upper
264	100		
260	23.9	18.9	28.3
265	23.0	16.8	25.2

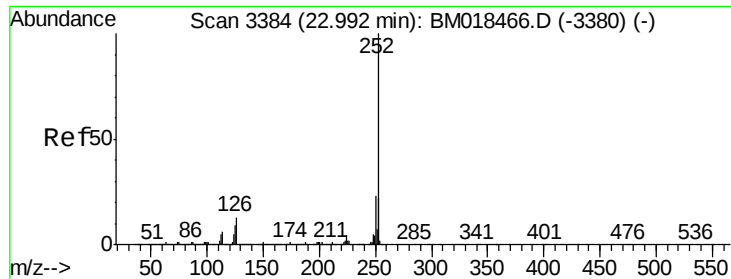


#88
Benzo(b)fluoranthene
Concen: 52.932 ng
RT: 22.89 min Scan# 3367
Delta R.T. 0.00 min
Lab File: BM018723.D
Acq: 04 Feb 2019 17:48

Tgt Ion: 252 Resp: 2671988

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.6	26.4
125	9.7	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 52.514 ng

RT: 22.94 min Scan# 3375

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

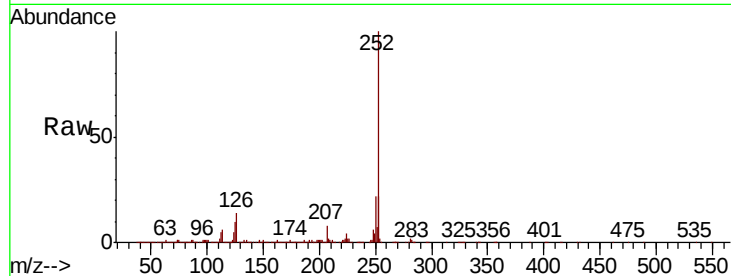
Tgt Ion:252 Resp: 2671515

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

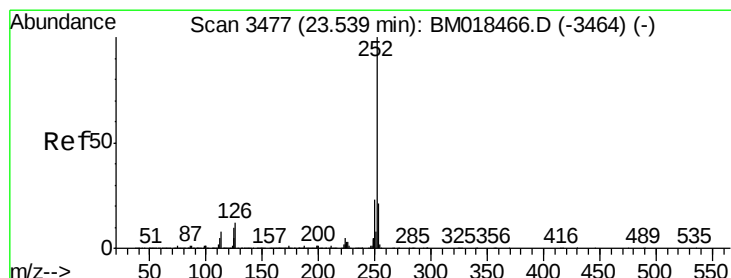
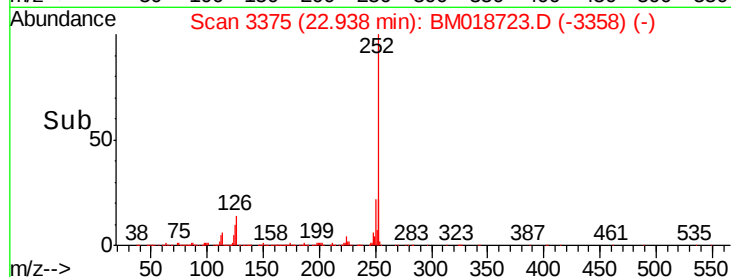
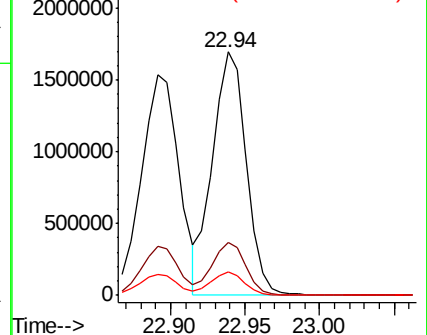
125 9.8 8.6 12.8



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



#90

Benzo(a)pyrene

Concen: 55.913 ng

RT: 23.48 min Scan# 3467

Delta R.T. 0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

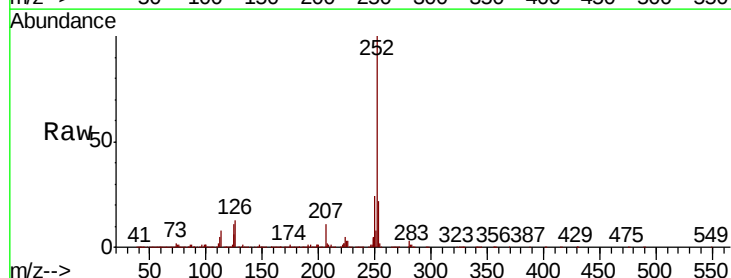
Tgt Ion:252 Resp: 2702118

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

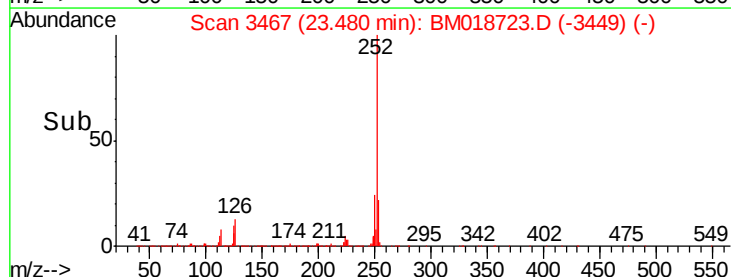
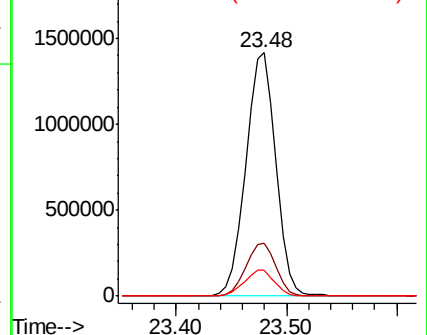
125 10.5 9.7 14.5

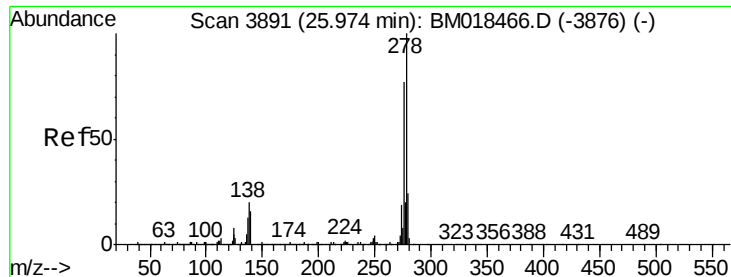


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 59.651 ng

RT: 25.89 min Scan# 3876

Delta R.T. 0.01 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMS

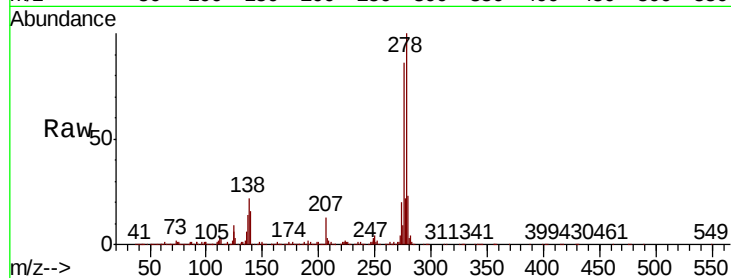
Tgt Ion:278 Resp: 2920911

Ion Ratio Lower Upper

278 100

139 16.0 13.2 19.8

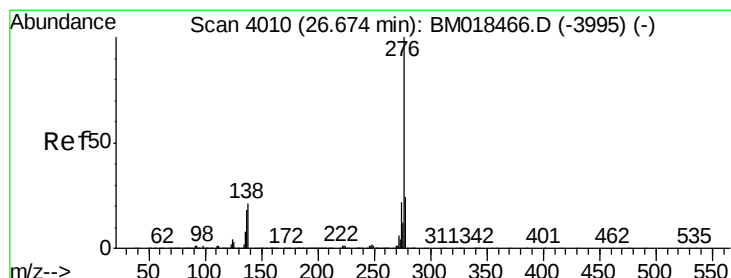
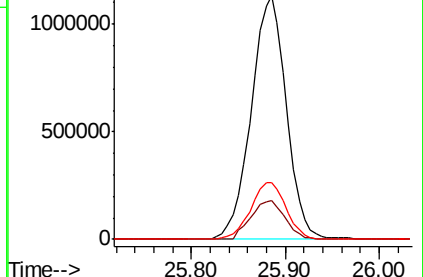
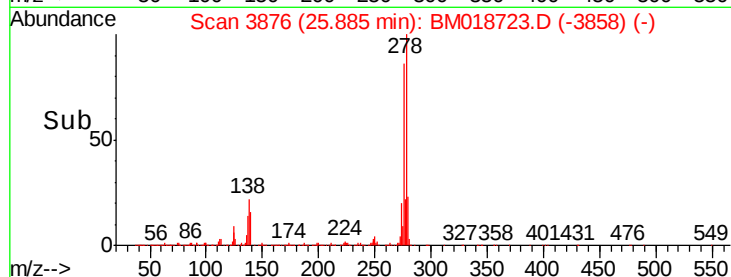
279 23.3 19.0 28.4



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: 61.762 ng

RT: 26.58 min Scan# 3994

Delta R.T. 0.00 min

Lab File: BM018723.D

Acq: 04 Feb 2019 17:48

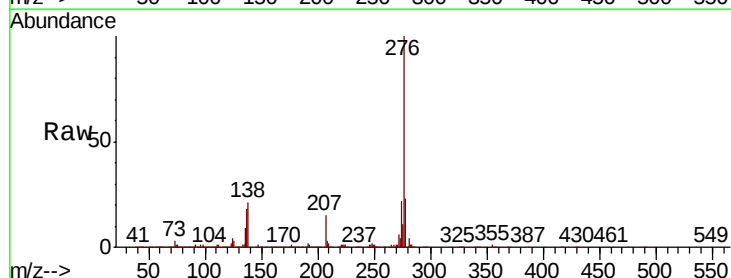
Tgt Ion:276 Resp: 2943043

Ion Ratio Lower Upper

276 100

277 23.0 19.0 28.4

138 20.9 18.1 27.1



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

