

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020419\
 Data File : BM018719.D
 Acq On : 04 Feb 2019 15:23
 Operator : JU/SJ
 Sample : K1361-01MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

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

Quant Time: Feb 04 16:35:10 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	224714	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	834469	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	420151	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	845398	20.00	ng	0.00
76) Chrysene-d12	21.32	240	823994	20.00	ng	0.00
87) Perylene-d12	23.57	264	893200	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1512079	124.25	ng	0.00
7) Phenol-d6	6.89	99	1898360	122.82	ng	0.00
23) Nitrobenzene-d5	8.89	82	1125288	78.17	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	593864	111.01	ng	0.00
45) 2-Fluorobiphenyl	12.98	172	2475066	76.87	ng	0.00
79) Terphenyl-d14	19.75	244	3018617	77.23	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	213656	43.075	ng	98
3) Pyridine	3.66	79	252179	20.393	ng	98
4) n-Nitrosodimethylamine	3.57	42	301614	58.983	ng	# 93
6) Aniline	7.06	93	710946	41.233	ng	99
8) 2-Chlorophenol	7.29	128	736052	51.786	ng	95
9) Benzaldehyde	6.87	77	400435	47.590	ng	99
10) Phenol	6.92	94	945387	60.189	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	603512	48.900	ng	96
12) 1,3-Dichlorobenzene	7.60	146	816782	48.254	ng	99
13) 1,4-Dichlorobenzene	7.76	146	832749	48.540	ng	99
14) 1,2-Dichlorobenzene	8.07	146	792471	48.714	ng	99
15) Benzyl Alcohol	7.97	79	569018	50.969	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.25	45	795855	50.460	ng	96
17) 2-Methylphenol	8.16	107	553131	51.880	ng	100
18) Hexachloroethane	8.78	117	294840	48.200	ng	99
19) n-Nitroso-di-n-propylamine	8.53	70	462160	45.945	ng	94
20) 3+4-Methylphenols	8.49	107	740752	50.329	ng	99
22) Acetophenone	8.55	105	965643	46.779	ng	# 96
24) Nitrobenzene	8.93	77	709105	50.066	ng	98
25) Isophorone	9.45	82	1207497	55.396	ng	98
26) 2-Nitrophenol	9.63	139	370126	54.045	ng	96
27) 2,4-Dimethylphenol	9.69	122	605860	59.022	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	765170	50.815	ng	99
29) 2,4-Dichlorophenol	10.16	162	637168	52.128	ng	99
30) 1,2,4-Trichlorobenzene	10.37	180	735712	48.492	ng	100
31) Naphthalene	10.56	128	2143579	53.338	ng	99
32) Benzoic acid	9.80	122	185730	29.735	ng	98
33) 4-Chloroaniline	10.68	127	390982	24.703	ng	98
34) Hexachlorobutadiene	10.82	225	444966	46.424	ng	99
35) Caprolactam	11.49	113	133936	32.229	ng	# 85
36) 4-Chloro-3-methylphenol	11.80	107	620691	48.402	ng	98
37) 2-Methylnaphthalene	12.17	142	1503279	52.943	ng	99
38) 1-Methylnaphthalene	12.40	142	1408476	51.266	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	765866	52.126	ng	99

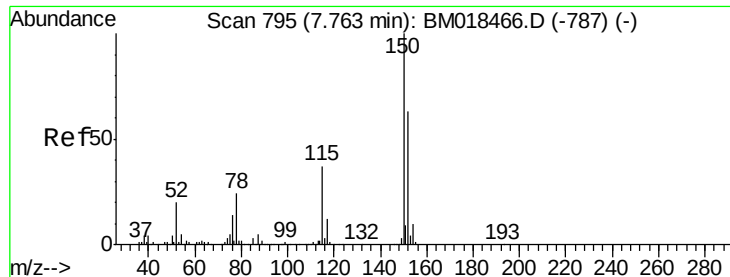
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020419\
 Data File : BM018719.D
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 QLast Update : Mon Feb 04 15:10:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	938424	116.377	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	484055	54.253	ng	99
44) 2,4,5-Trichlorophenol	12.86	196	506506	53.978	ng	97
46) 1,1'-Biphenyl	13.20	154	1833714	49.985	ng	99
47) 2-Chloronaphthalene	13.24	162	1429726	50.257	ng	100
48) 2-Nitroaniline	13.46	65	357894	51.136	ng	90
49) Acenaphthylene	14.09	152	2234615	53.901	ng	99
50) Dimethylphthalate	13.83	163	1907310	55.275	ng	100
51) 2,6-Dinitrotoluene	13.96	165	368050	50.355	ng	90
52) Acenaphthene	14.43	154	1281874	50.534	ng	98
53) 3-Nitroaniline	14.29	138	259876	35.267	ng	99
54) 2,4-Dinitrophenol	14.50	184	341948	85.842	ng	93
55) Dibenzofuran	14.77	168	2032777	48.501	ng	99
56) 4-Nitrophenol	14.60	139	612955	96.287	ng	97
57) 2,4-Dinitrotoluene	14.75	165	491867	47.562	ng	99
58) Fluorene	15.42	166	1594652	51.075	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.00	232	431475	51.877	ng	97
60) Diethylphthalate	15.20	149	1613971	46.333	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	804159	44.688	ng	98
62) 4-Nitroaniline	15.46	138	338693	42.139	ng	94
63) Azobenzene	15.71	77	1349400	47.513	ng	98
65) 4,6-Dinitro-2-methylphenol	15.51	198	254365	47.294	ng	87
66) n-Nitrosodiphenylamine	15.63	169	1374200	52.403	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	474842	50.192	ng	98
68) Hexachlorobenzene	16.42	284	528363	49.888	ng	98
69) Atrazine	16.59	200	453009	47.784	ng	98
70) Pentachlorophenol	16.77	266	611081	88.100	ng	99
71) Phenanthrene	17.16	178	2385626	53.053	ng	100
72) Anthracene	17.25	178	2416492	55.885	ng	100
73) Carbazole	17.53	167	2169433	48.834	ng	100
74) Di-n-butylphthalate	18.09	149	2546905	52.339	ng	99
75) Fluoranthene	19.18	202	2646555	51.049	ng	99
77) Benzidine	19.38	184	539964	26.540	ng	99
78) Pyrene	19.54	202	2735470	56.006	ng	100
80) Butylbenzylphthalate	20.45	149	1126193	54.036	ng	97
81) Benzo(a)anthracene	21.30	228	2620048	53.974	ng	99
82) 3,3'-Dichlorobenzidine	21.24	252	716152	39.014	ng	99
83) Chrysene	21.35	228	2490840	53.137	ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1570026	52.169	ng	100
85) Di-n-octyl phthalate	22.10	149	2704330	53.427	ng	95
86) Indeno(1,2,3-cd)pyrene	25.87	276	3457571	63.967	ng	98
88) Benzo(b)fluoranthene	22.89	252	2691319	53.074	ng	99
89) Benzo(k)fluoranthene	22.94	252	2634241	51.547	ng	99
90) Benzo(a)pyrene	23.48	252	2706110	55.743	ng	98
91) Dibenzo(a,h)anthracene	25.89	278	2911999	59.199	ng	99
92) Benzo(g,h,i)perylene	26.58	276	2925058	61.107	ng	98

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

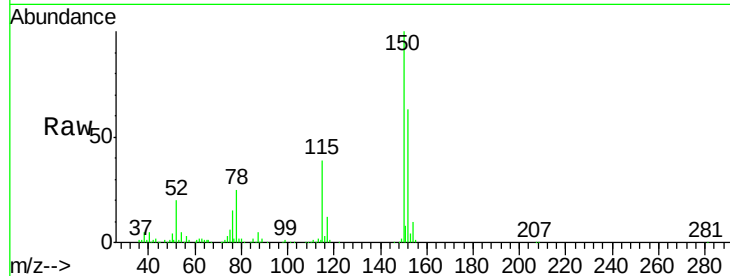


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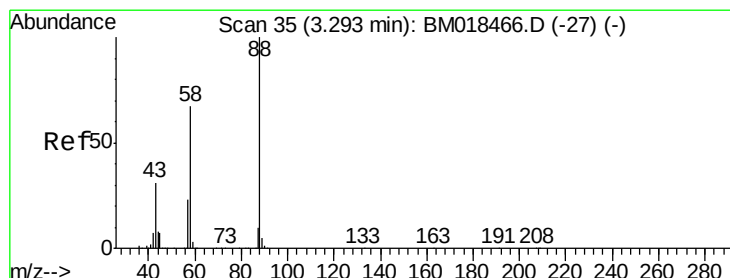
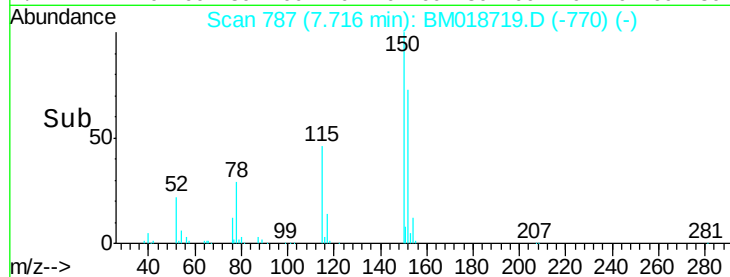
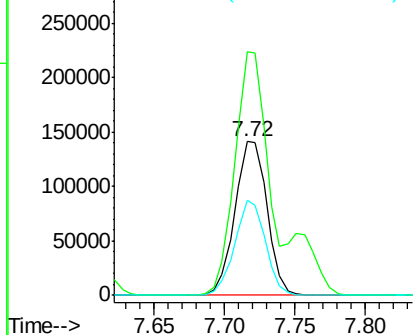
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

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

Tgt Ion: 152 Resp: 224714
Ion Ratio Lower Upper
152 100
150 158.4 126.9 190.3
115 62.2 45.5 68.3



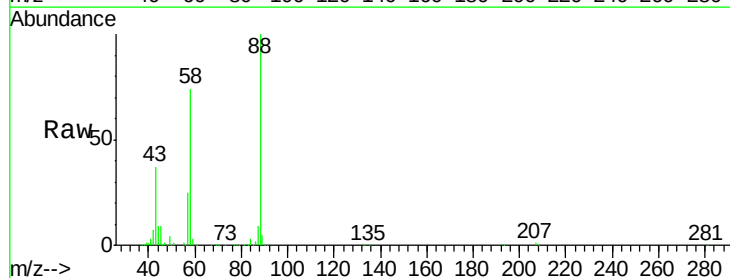
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



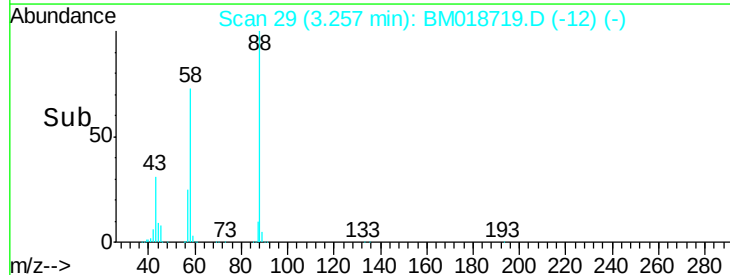
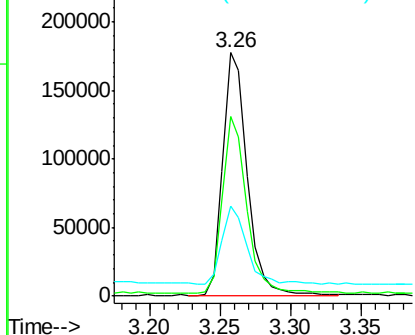
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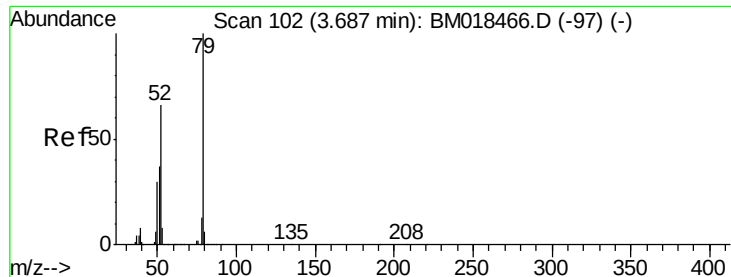
1,4-Dioxane
Concen: 43.075 ng
RT: 3.26 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion: 88 Resp: 213656
Ion Ratio Lower Upper
88 100
58 71.5 58.4 87.6
43 33.5 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: 20.393 ng

RT: 3.66 min Scan# 98

Delta R.T. 0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

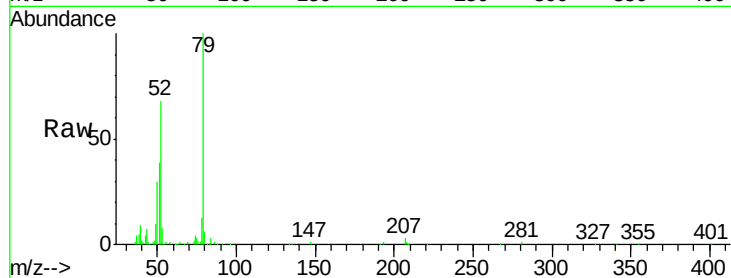
Tgt Ion: 79 Resp: 252179

Ion Ratio Lower Upper

79 100

52 68.5 56.4 84.6

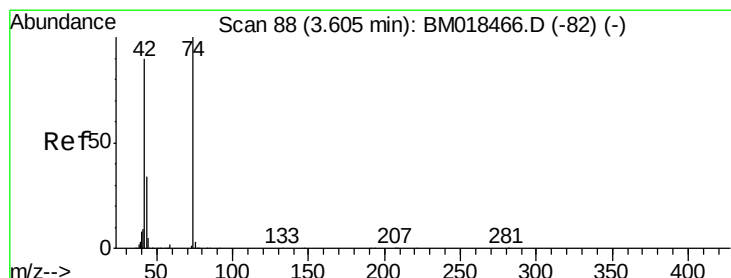
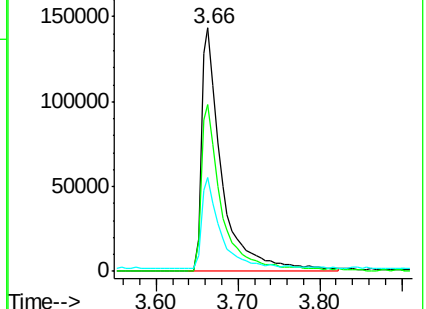
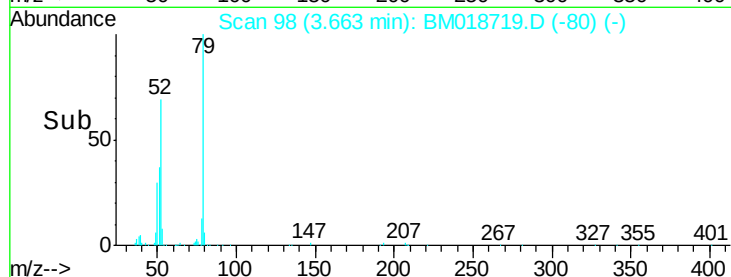
51 38.7 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018719.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM018719.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM018719.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 58.983 ng

RT: 3.57 min Scan# 83

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

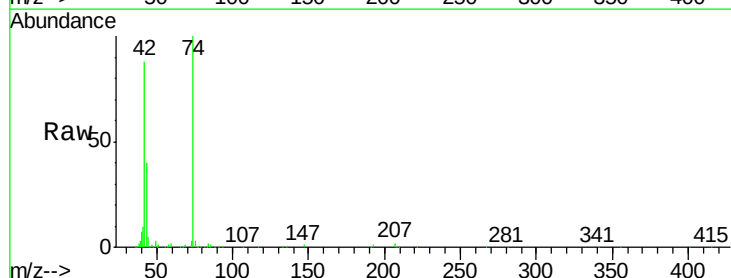
Tgt Ion: 42 Resp: 301614

Ion Ratio Lower Upper

42 100

74 113.5 88.6 132.8

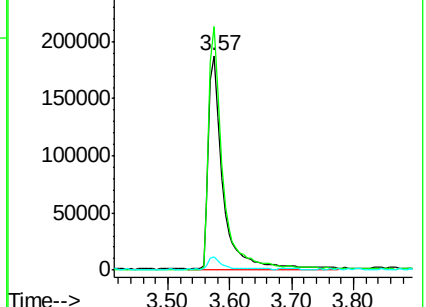
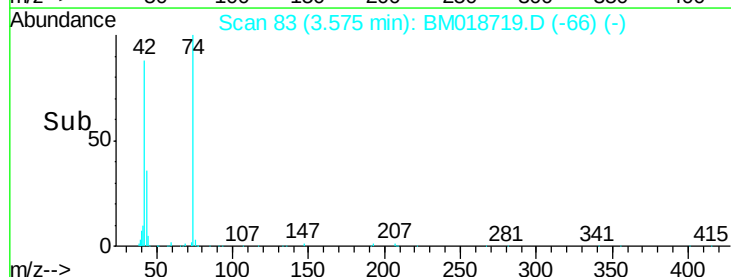
44 6.0 16.9 25.3

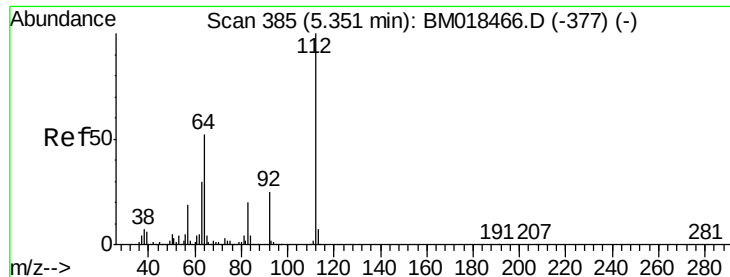


Abundance Ion 42.00 (41.70 to 42.70): BM018719.D (-66) (-)

Ion 74.00 (73.70 to 74.70): BM018719.D (-66) (-)

Ion 44.00 (43.70 to 44.70): BM018719.D (-66) (-)





#5

2-Fluorophenol

Concen: 124.249 ng

RT: 5.31 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

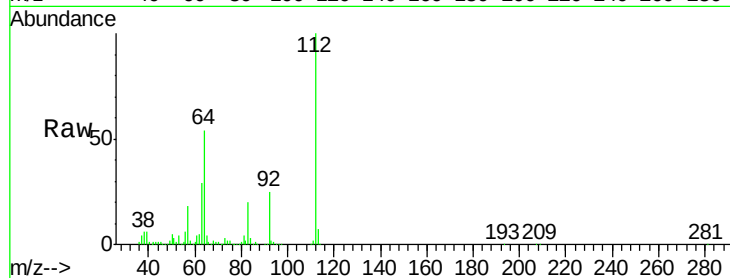
Tgt Ion: 112 Resp: 1512079

Ion Ratio Lower Upper

112 100

64 54.2 46.5 69.7

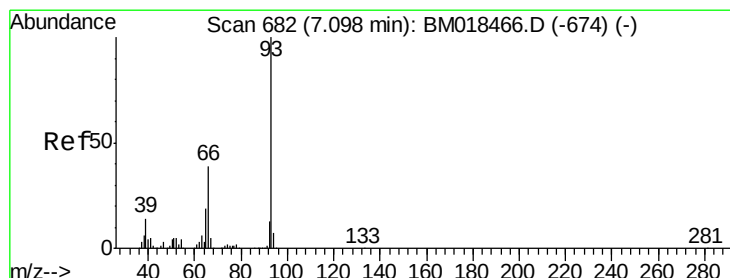
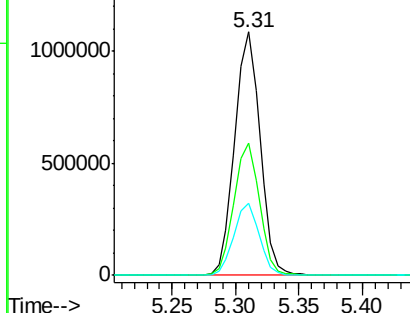
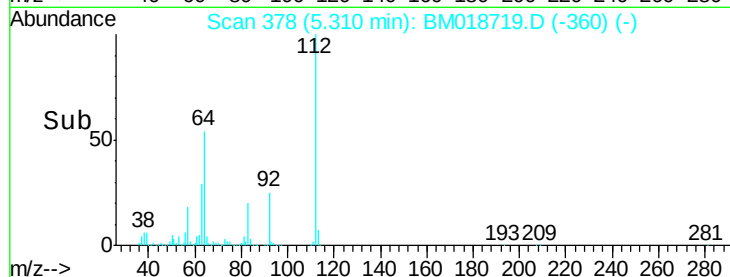
63 29.4 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 41.233 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

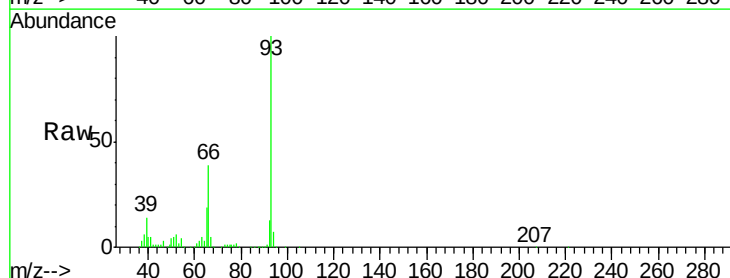
Tgt Ion: 93 Resp: 710946

Ion Ratio Lower Upper

93 100

66 38.8 31.7 47.5

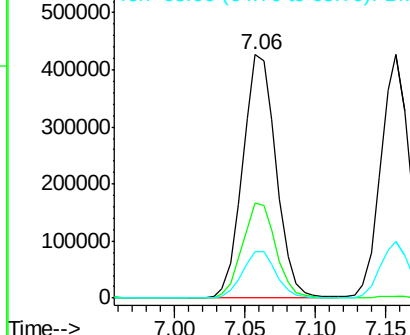
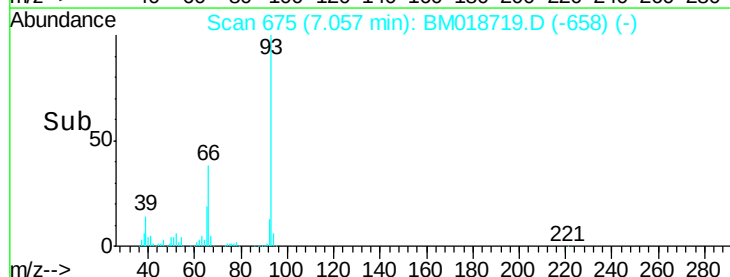
65 19.0 15.9 23.9

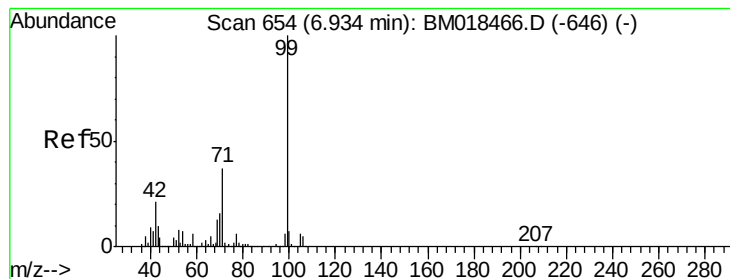


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 122.815 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

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ClientSampleId :

FK-BPM-03-006-ABCDMSD

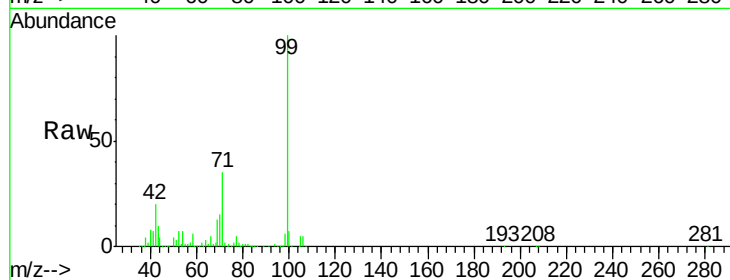
Tgt Ion: 99 Resp: 1898360

Ion Ratio Lower Upper

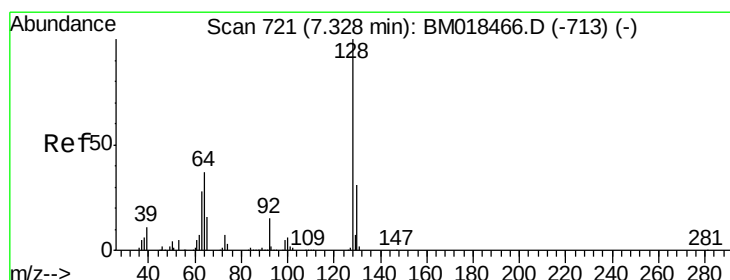
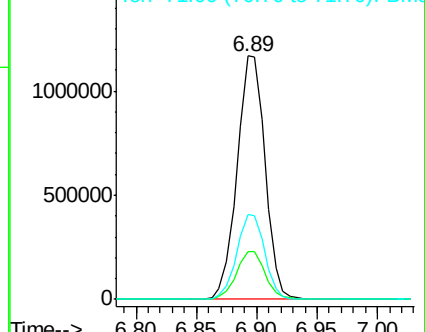
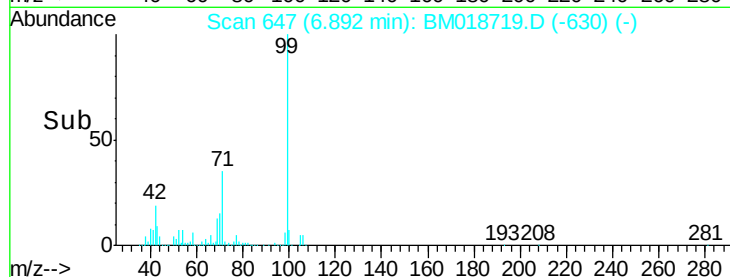
99 100

42 19.5 17.3 25.9

71 34.7 28.0 42.0



Abundance Ion 99.00 (98.70 to 99.70): BM018719.D (-630) (-)



#8

2-Chlorophenol

Concen: 51.786 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

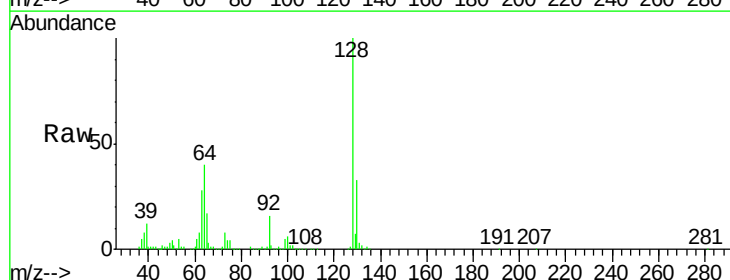
Tgt Ion: 128 Resp: 736052

Ion Ratio Lower Upper

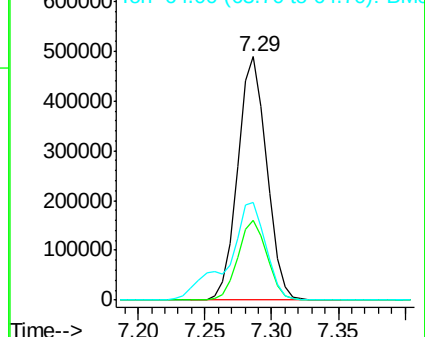
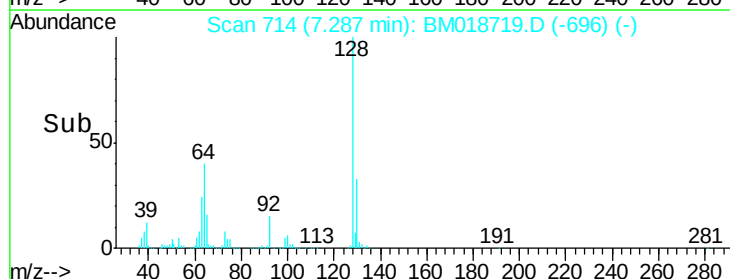
128 100

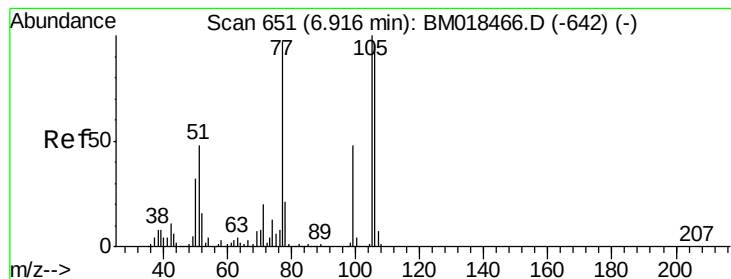
130 33.0 13.6 53.6

64 40.1 24.8 64.8



Abundance Ion 128.00 (127.70 to 128.70): BM018719.D (-696) (-)





#9

Benzaldehyde

Concen: 47.590 ng

RT: 6.87 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

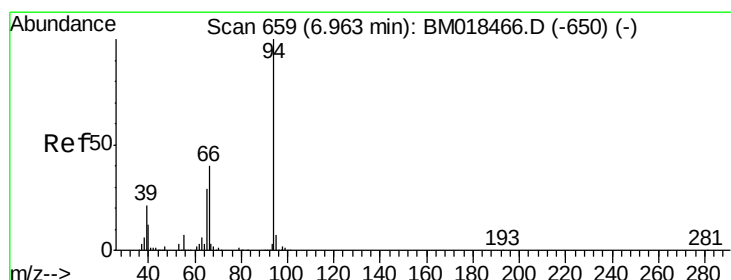
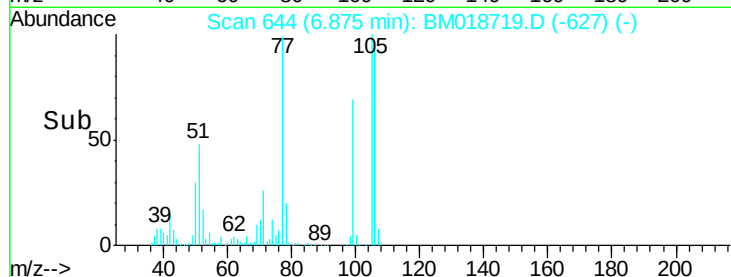
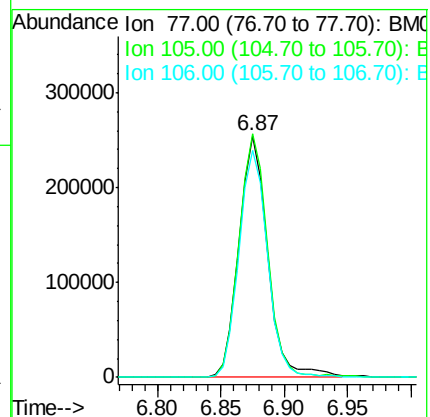
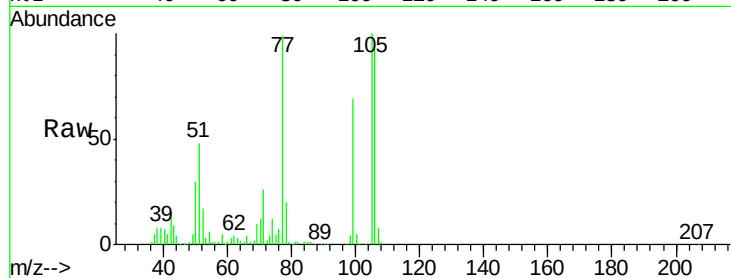
Tgt Ion: 77 Resp: 400435

Ion Ratio Lower Upper

77 100

105 100.8 79.7 119.7

106 93.8 75.2 115.2



#10

Phenol

Concen: 60.189 ng

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

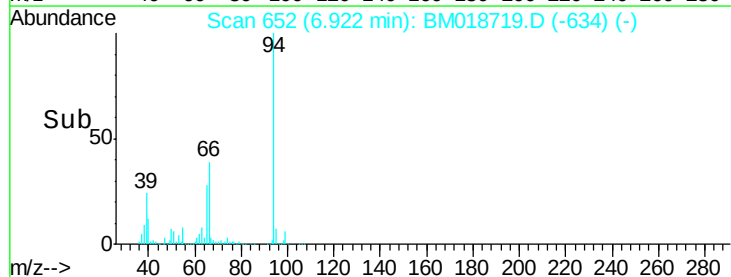
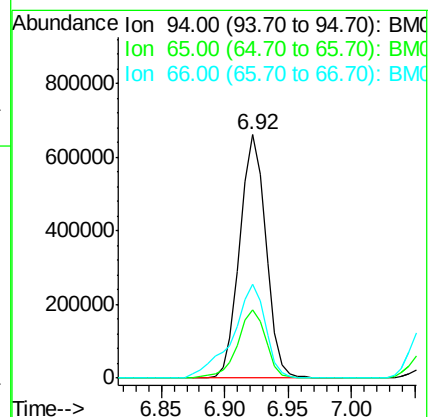
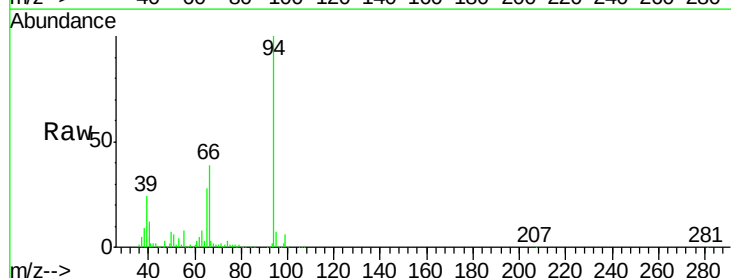
Tgt Ion: 94 Resp: 945387

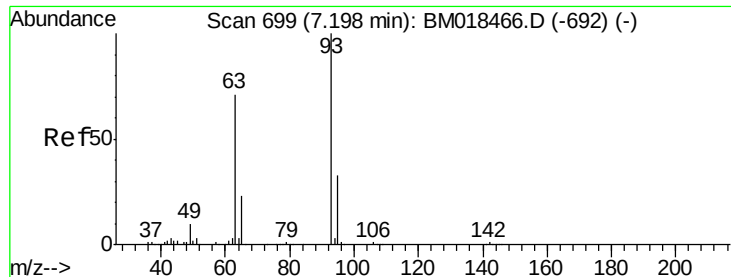
Ion Ratio Lower Upper

94 100

65 28.3 9.4 49.4

66 38.7 19.1 59.1



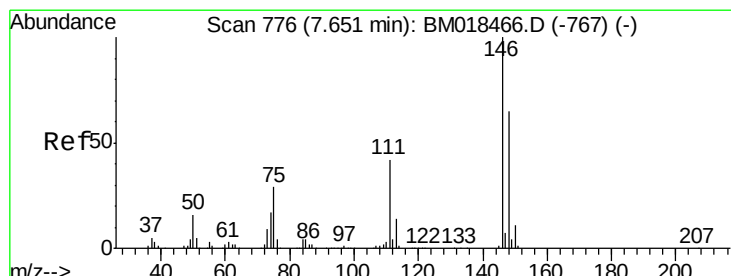
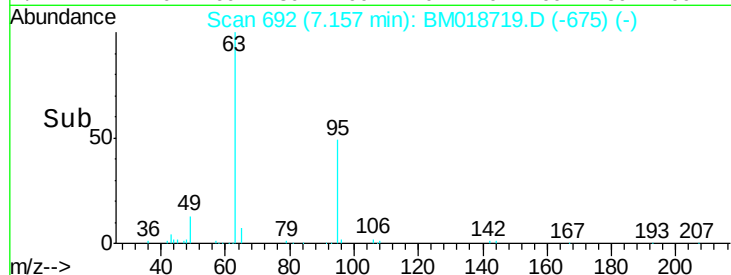
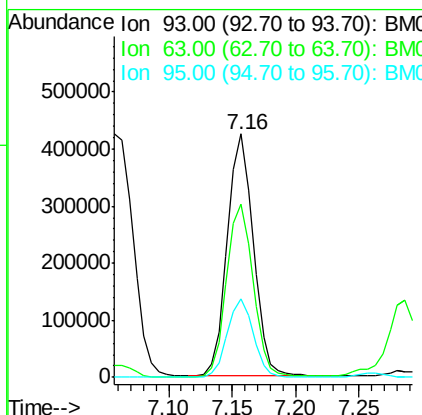
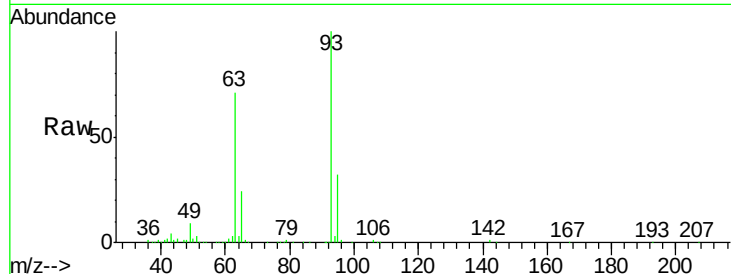


#11
bis(2-Chloroethyl)ether
Concen: 48.900 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

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

Tgt Ion: 93 Resp: 603512

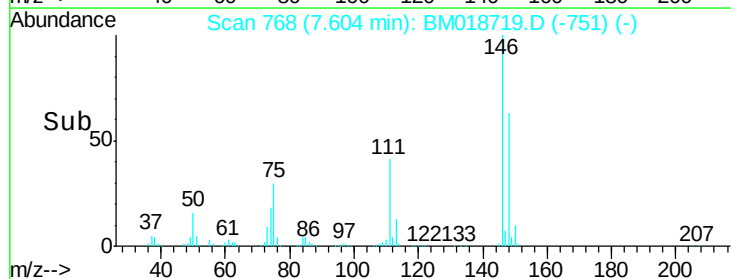
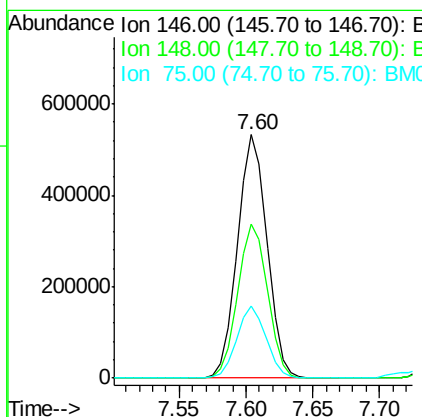
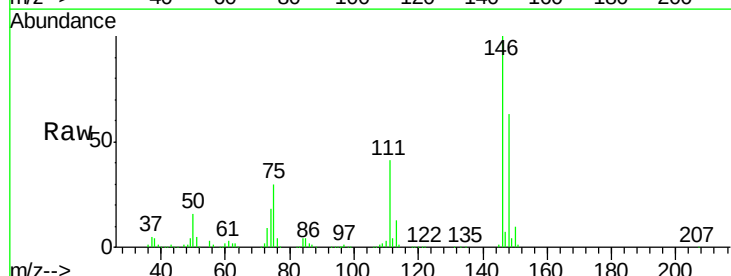
Ion	Ratio	Lower	Upper
93	100		
63	71.3	56.4	96.4
95	32.3	12.7	52.7

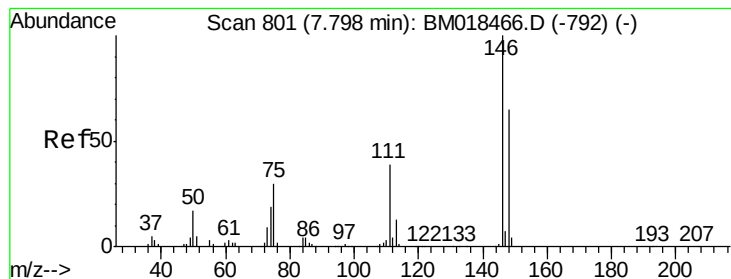


#12
1,3-Dichlorobenzene
Concen: 48.254 ng
RT: 7.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion: 146 Resp: 816782

Ion	Ratio	Lower	Upper
146	100		
148	63.4	50.5	75.7
75	29.6	23.0	34.6





#13

1,4-Dichlorobenzene

Concen: 48.540 ng

RT: 7.76 min Scan# 794

Delta R.T. 0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

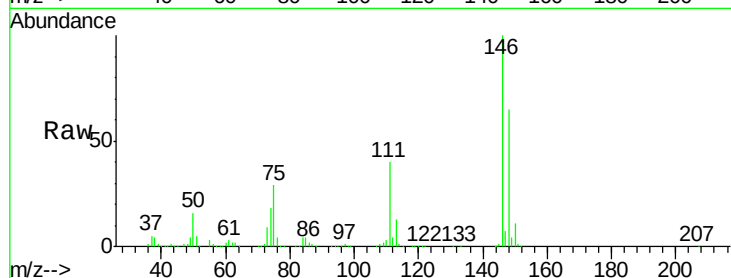
Tgt Ion:146 Resp: 832749

Ion Ratio Lower Upper

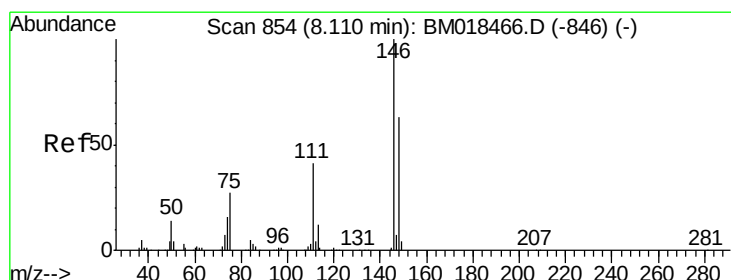
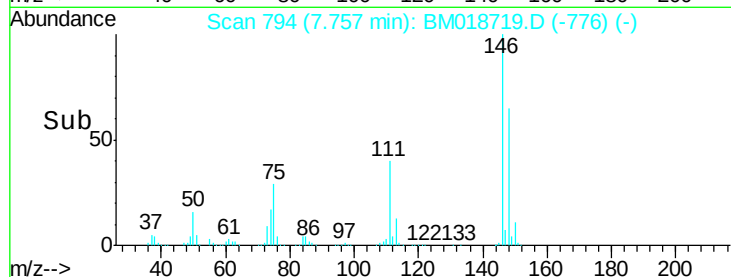
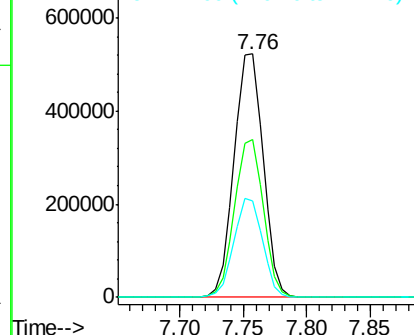
146 100

148 64.8 50.8 76.2

111 39.6 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: 48.714 ng

RT: 8.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

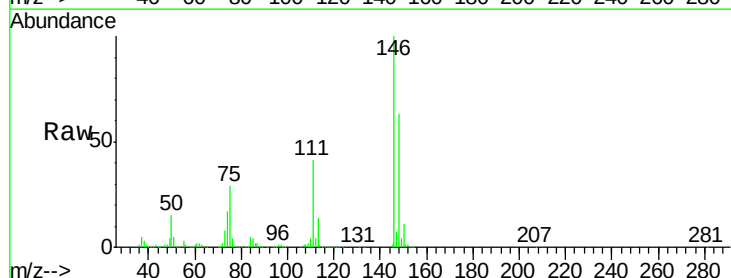
Tgt Ion:146 Resp: 792471

Ion Ratio Lower Upper

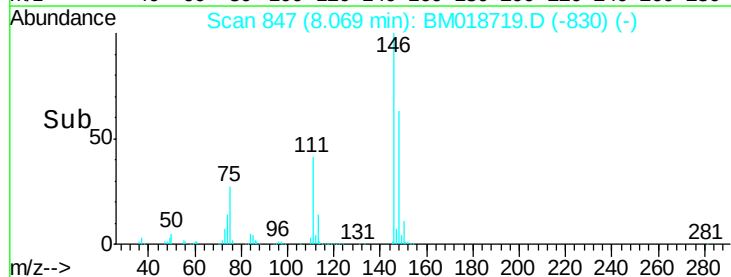
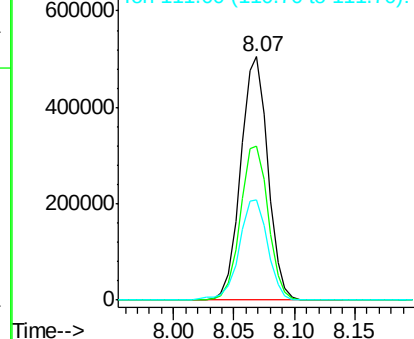
146 100

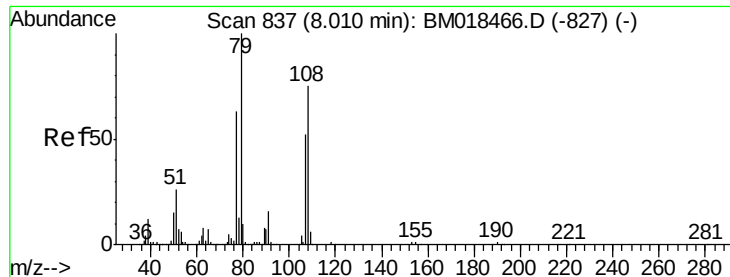
148 63.4 51.0 76.6

111 41.3 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: 50.969 ng

RT: 7.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

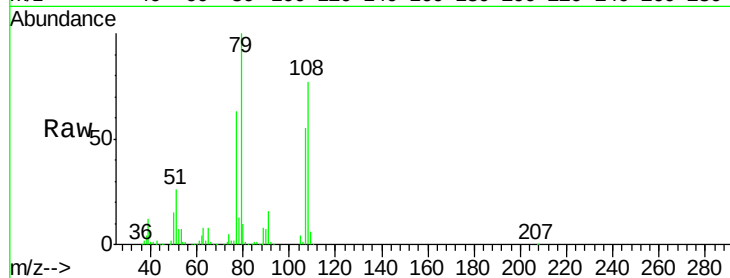
Tgt Ion: 79 Resp: 569018

Ion Ratio Lower Upper

79 100

108 76.6 60.4 90.6

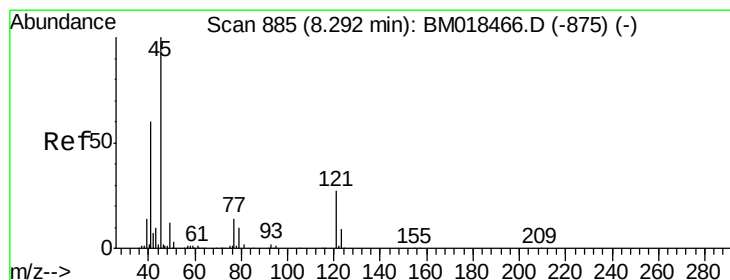
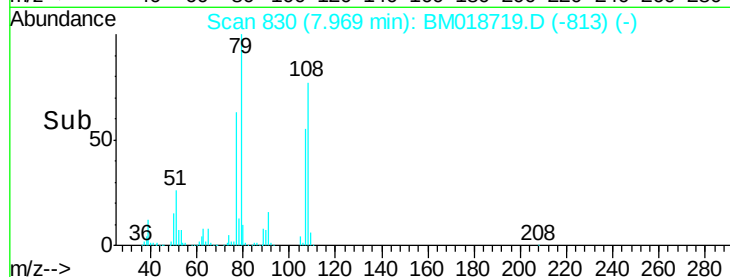
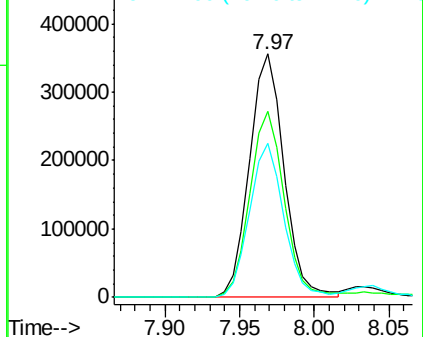
77 63.2 53.4 80.2



Abundance Ion 79.00 (78.70 to 79.70): BM018719.D (-813) (-)

Ion 108.00 (107.70 to 108.70): BM018719.D (-813) (-)

Ion 77.00 (76.70 to 77.70): BM018719.D (-813) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 50.460 ng

RT: 8.25 min Scan# 878

Delta R.T. 0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

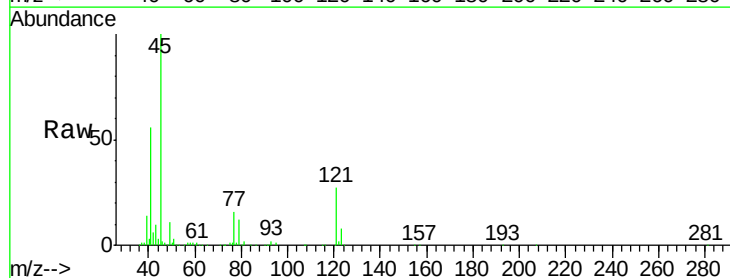
Tgt Ion: 45 Resp: 795855

Ion Ratio Lower Upper

45 100

77 15.8 0.0 33.4

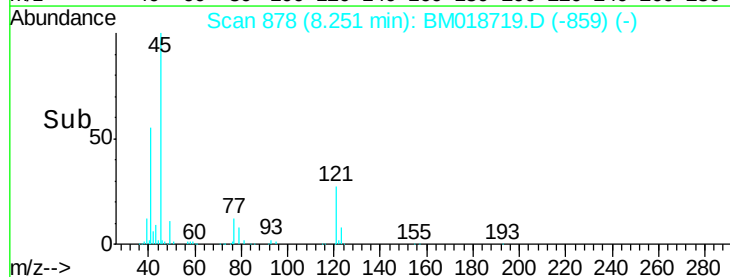
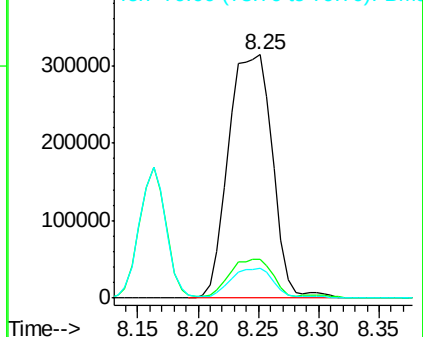
79 12.0 0.0 31.1

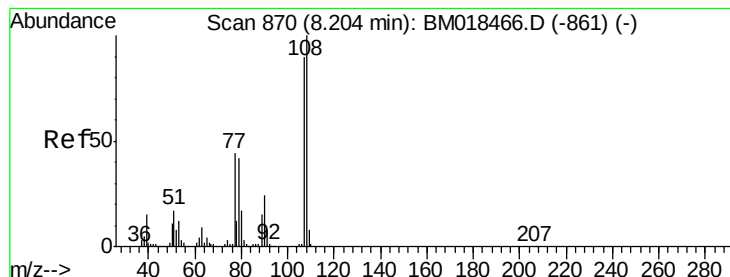


Abundance Ion 45.00 (44.70 to 45.70): BM018719.D (-859) (-)

Ion 77.00 (76.70 to 77.70): BM018719.D (-859) (-)

Ion 79.00 (78.70 to 79.70): BM018719.D (-859) (-)

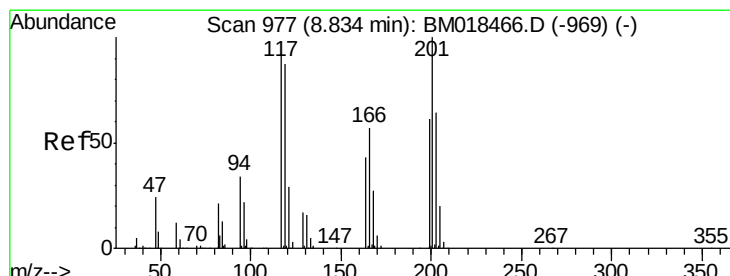
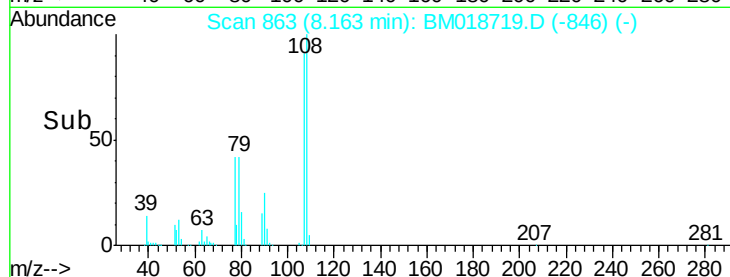
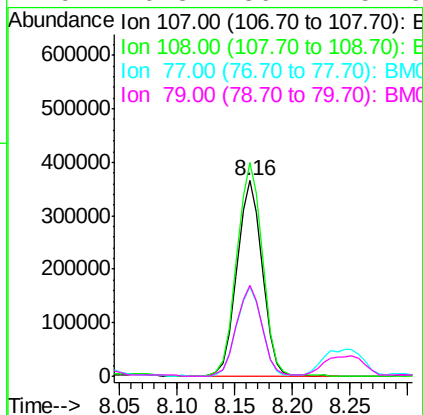
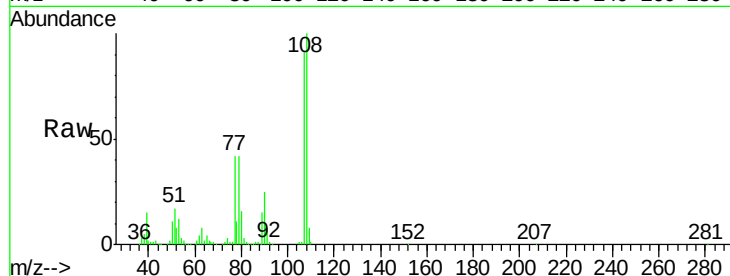




#17
 2-Methylphenol
 Concen: 51.880 ng
 RT: 8.16 min Scan# 863
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

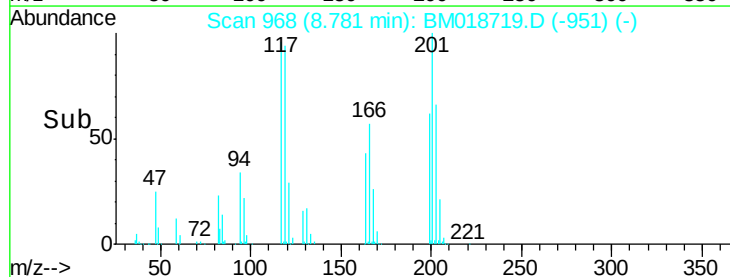
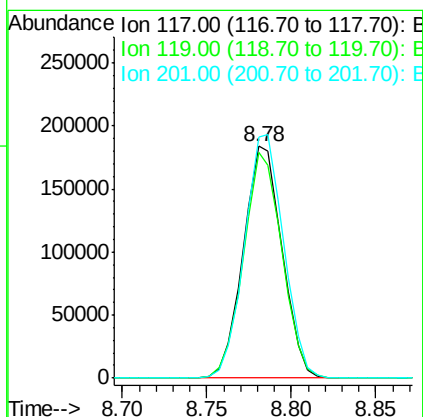
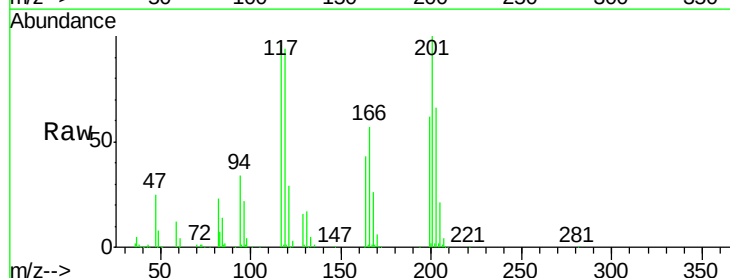
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMSD

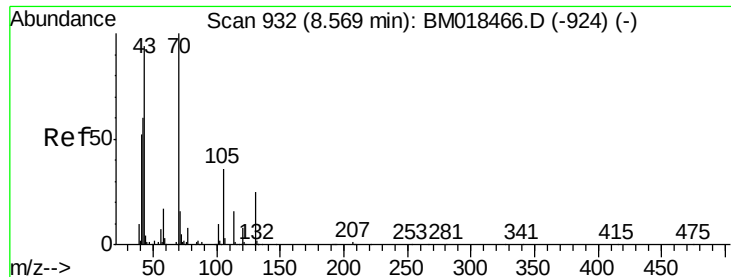
Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.4	87.5	131.3
77	46.1	37.3	55.9
79	46.3	36.4	54.6



#18
 Hexachloroethane
 Concen: 48.200 ng
 RT: 8.78 min Scan# 968
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	78.3	117.5
201	103.8	81.4	122.0

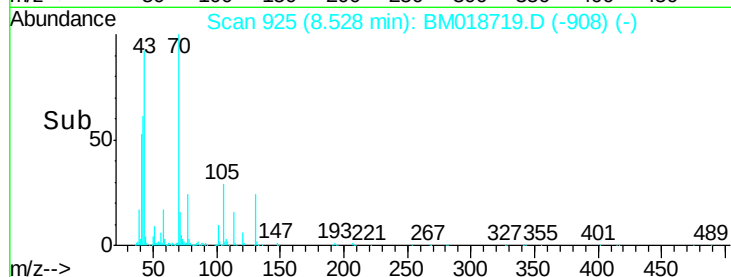
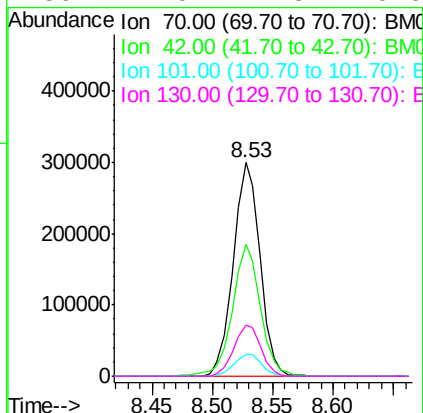
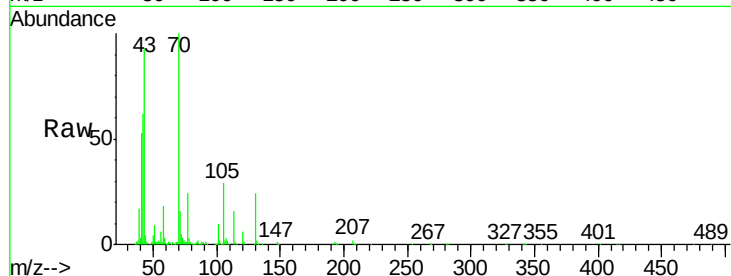




#19
n-Nitroso-di-n-propylamine
Concen: 45.945 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

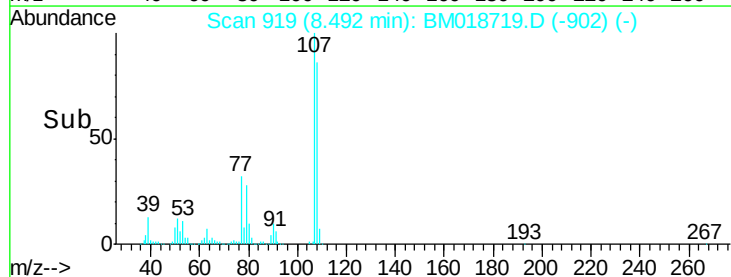
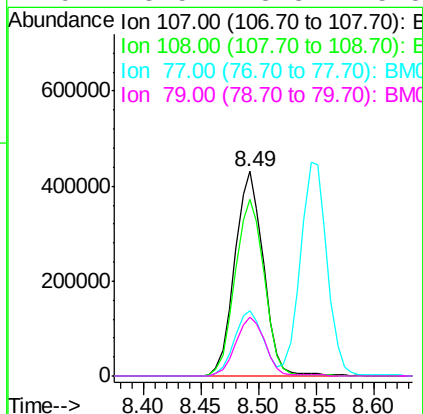
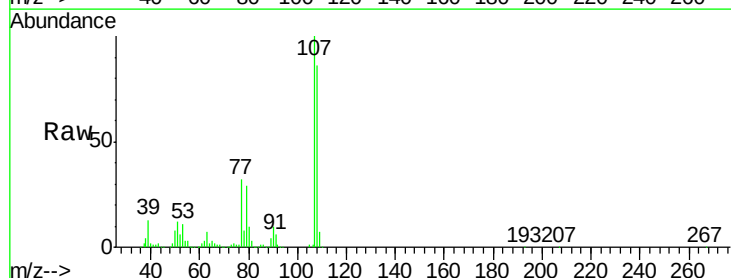
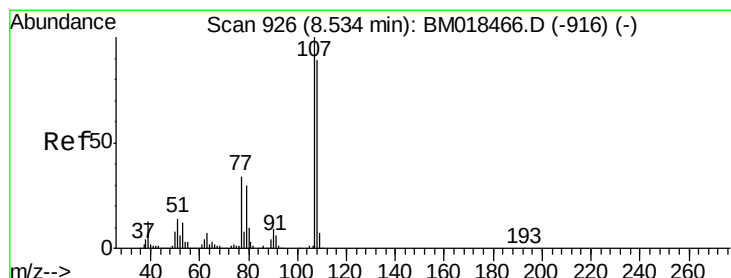
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

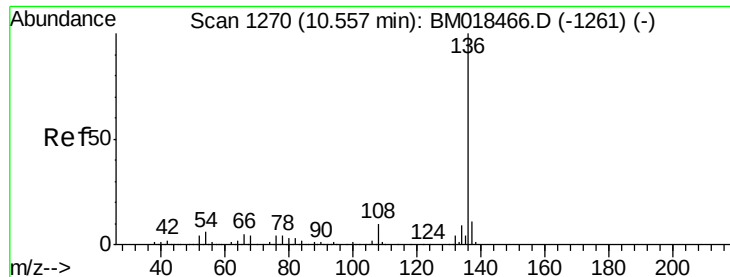
Tgt Ion:	70	Resp:	462160
Ion	Ratio	Lower	Upper
70	100		
42	61.5	54.0	81.0
101	10.0	8.1	12.1
130	24.0	17.8	26.6



#20
3+4-Methylphenols
Concen: 50.329 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion:	107	Resp:	740752
Ion	Ratio	Lower	Upper
107	100		
108	86.5	66.8	106.8
77	32.1	13.3	53.3
79	28.5	8.8	48.8

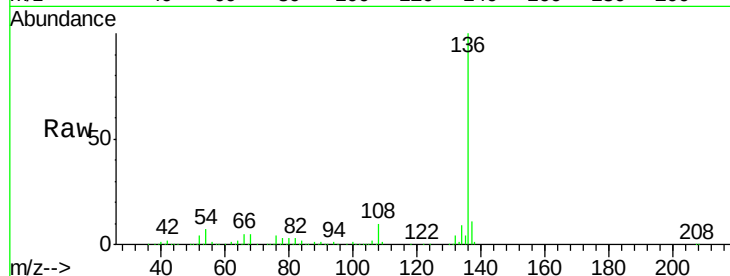




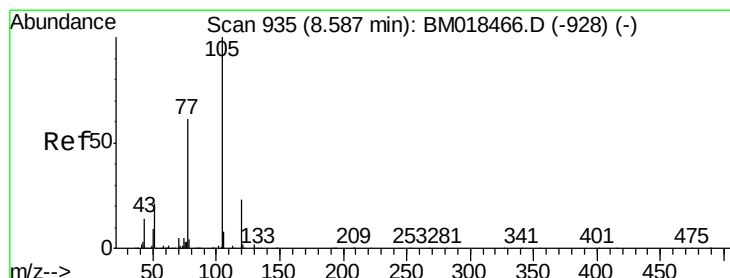
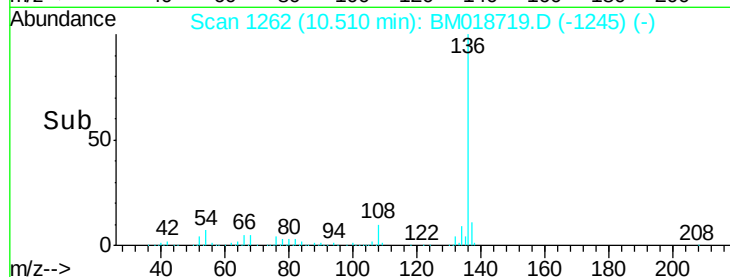
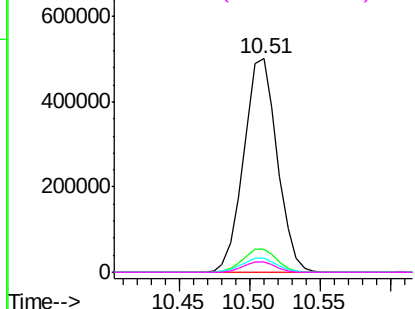
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

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

Tgt Ion:	136	Resp:	834469
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	6.5	6.0	9.0
68	4.5	4.5	6.7

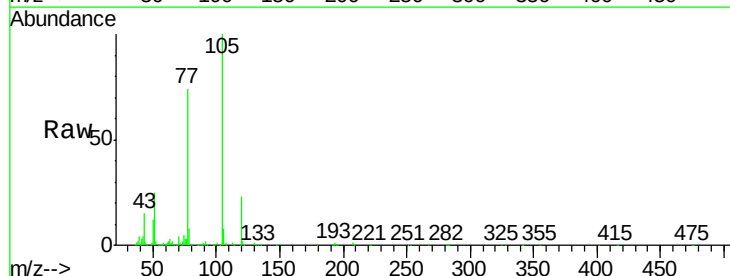


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

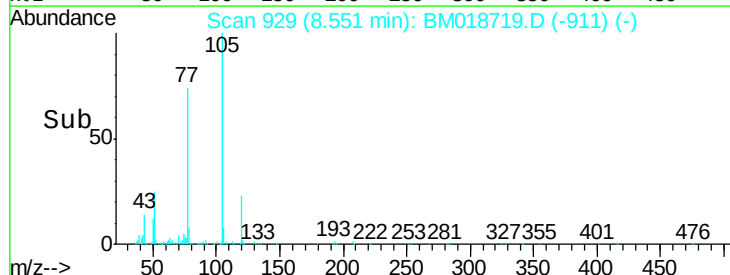
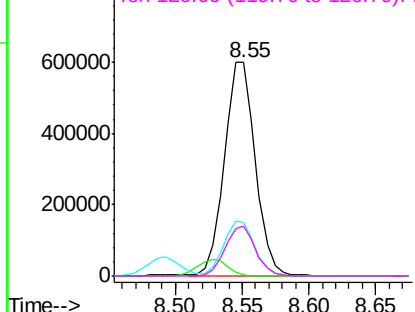


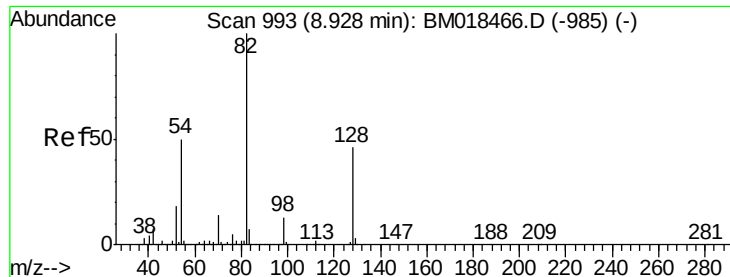
#22
Acetophenone
Concen: 46.779 ng
RT: 8.55 min Scan# 929
Delta R.T. 0.01 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion:	105	Resp:	965643
Ion	Ratio	Lower	Upper
105	100		
71	0.7	1.7	2.5#
51	25.1	22.6	34.0
120	23.2	18.3	27.5



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

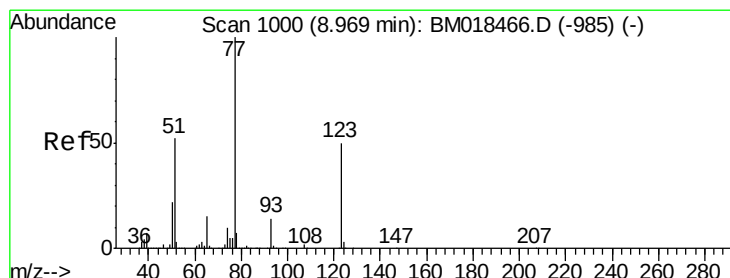
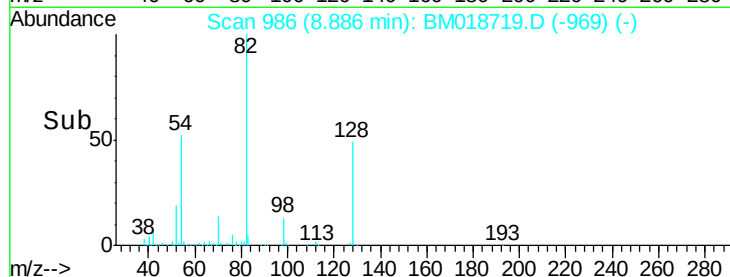
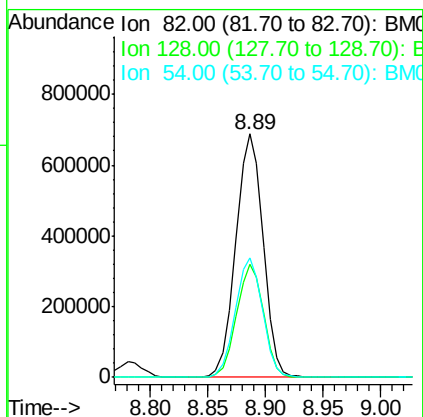
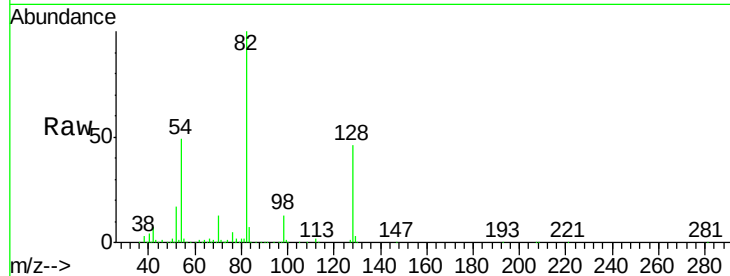




#23
 Nitrobenzene-d5
 Concen: 78.174 ng
 RT: 8.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

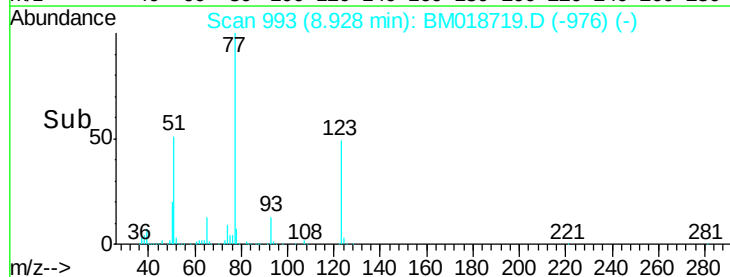
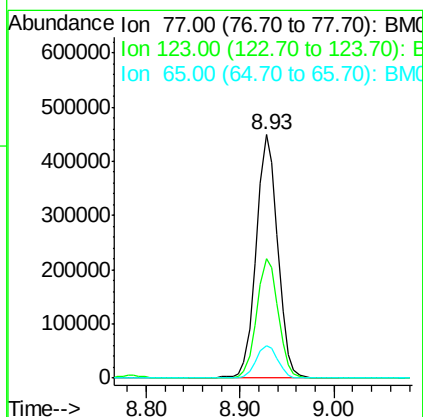
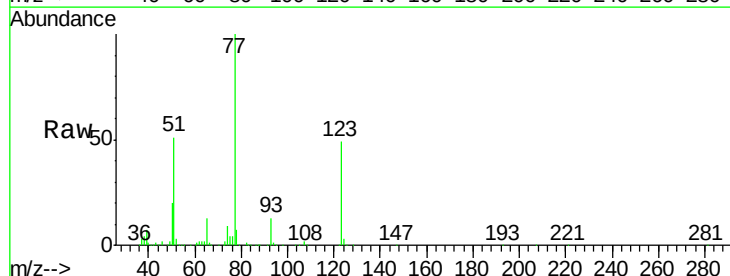
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMSD

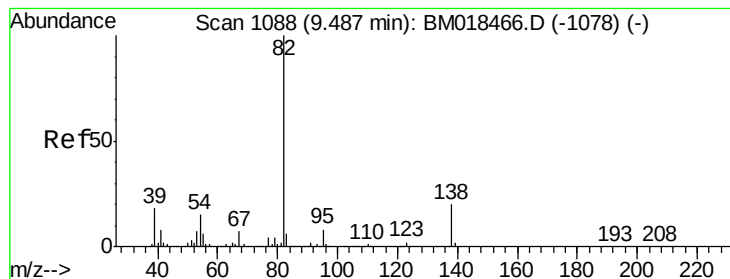
Tgt Ion: 82 Resp: 1125288
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.3 54.5
 54 48.9 41.7 62.5



#24
 Nitrobenzene
 Concen: 50.066 ng
 RT: 8.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

Tgt Ion: 77 Resp: 709105
 Ion Ratio Lower Upper
 77 100
 123 48.9 37.7 56.5
 65 13.3 11.0 16.6





#25

Isophorone

Concen: 55.396 ng

RT: 9.45 min Scan# 1082

Delta R.T. 0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

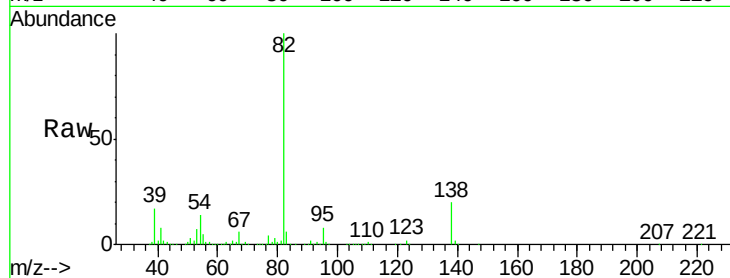
Tgt Ion: 82 Resp: 1207497

Ion Ratio Lower Upper

82 100

95 7.9 6.1 9.1

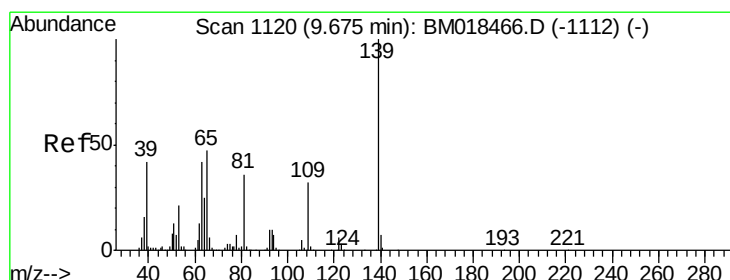
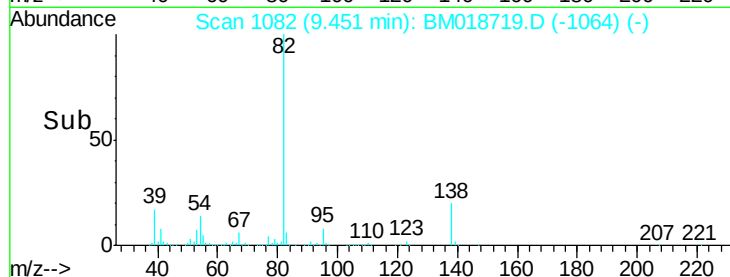
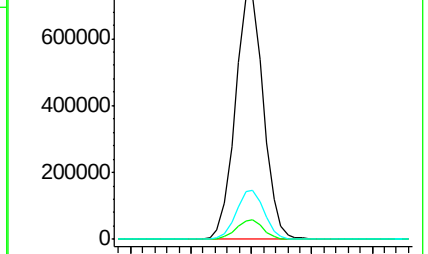
138 20.0 15.1 22.7



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: 54.045 ng

RT: 9.63 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

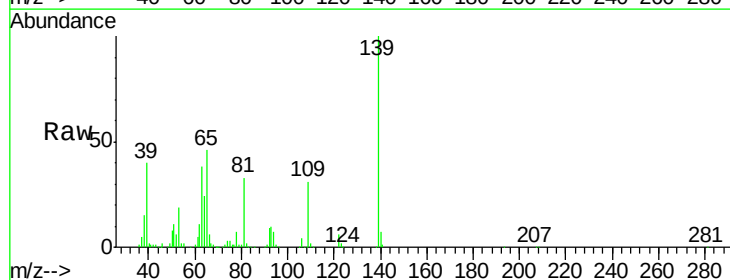
Tgt Ion: 139 Resp: 370126

Ion Ratio Lower Upper

139 100

109 30.6 23.4 35.2

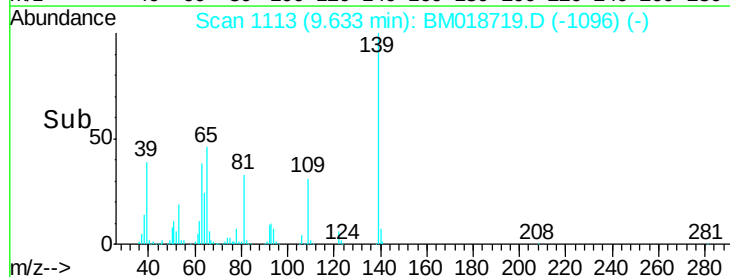
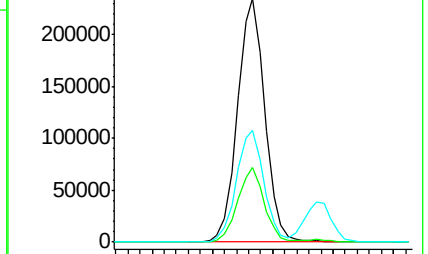
65 45.8 39.4 59.2

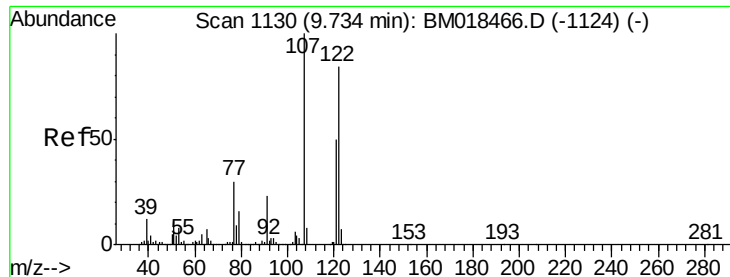


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

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

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

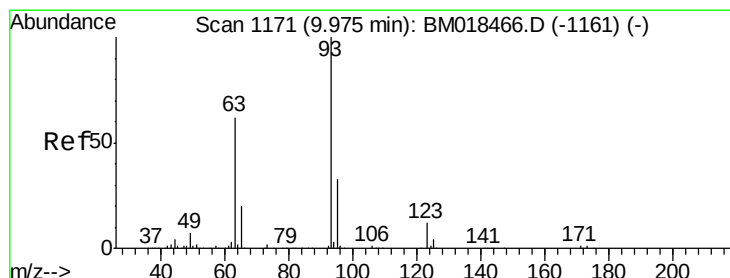
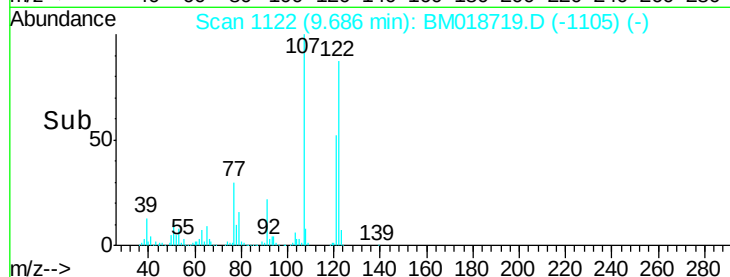
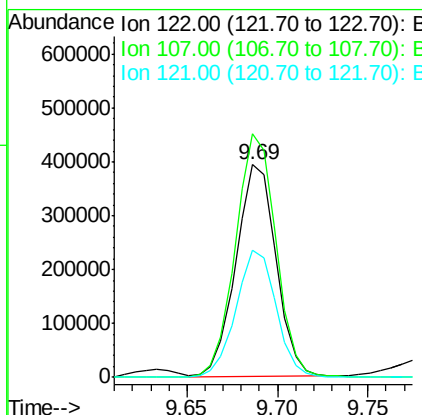
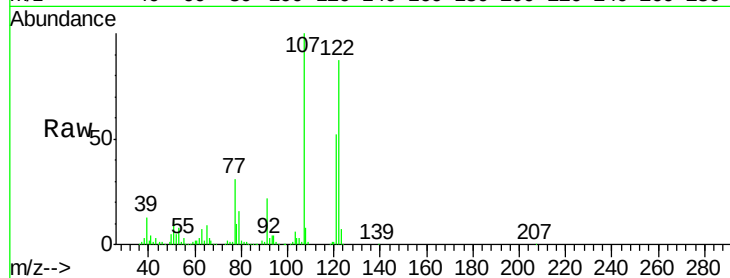




#27
 2,4-Dimethylphenol
 Concen: 59.022 ng
 RT: 9.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

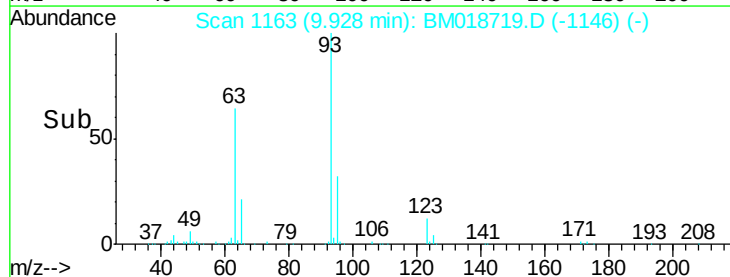
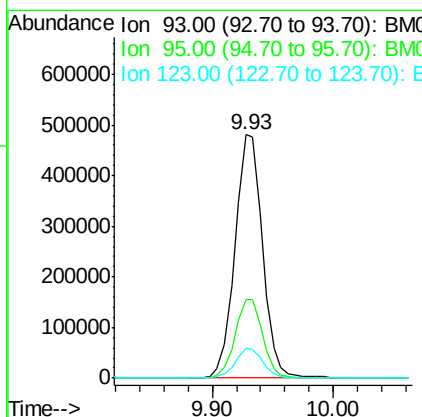
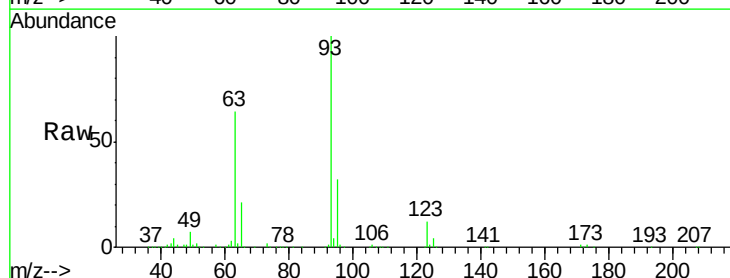
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMSD

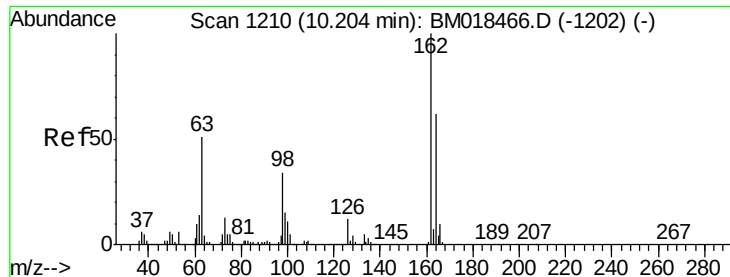
Tgt Ion	Ratio	Lower	Upper
122	100		
107	114.4	91.9	137.9
121	59.9	47.5	71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.815 ng
 RT: 9.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.6	39.8
123	12.3	9.9	14.9

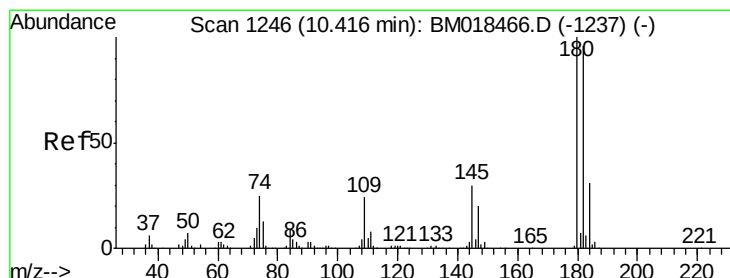
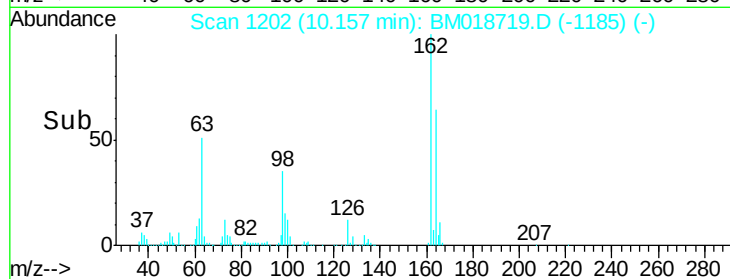
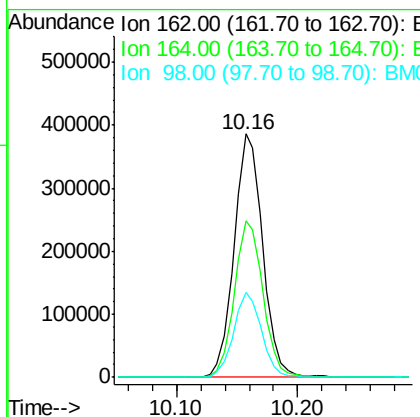
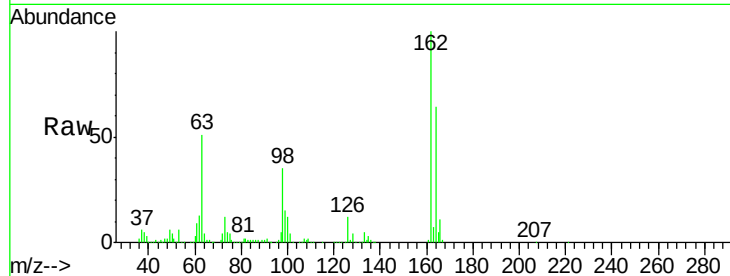




#29
 2,4-Dichlorophenol
 Concen: 52.128 ng
 RT: 10.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

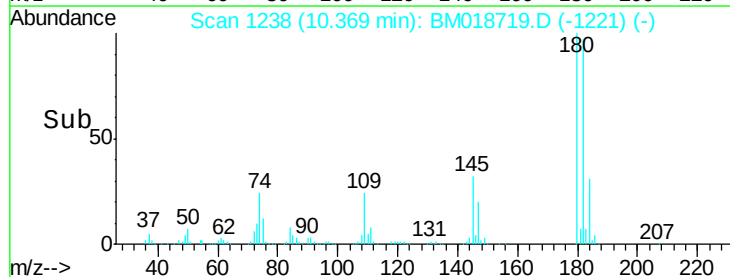
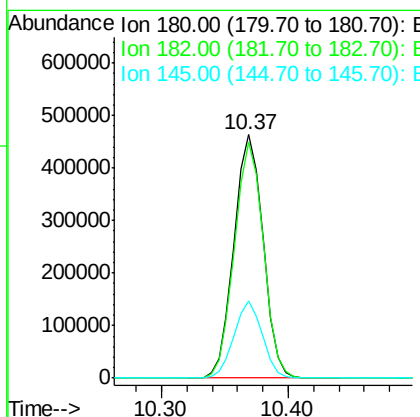
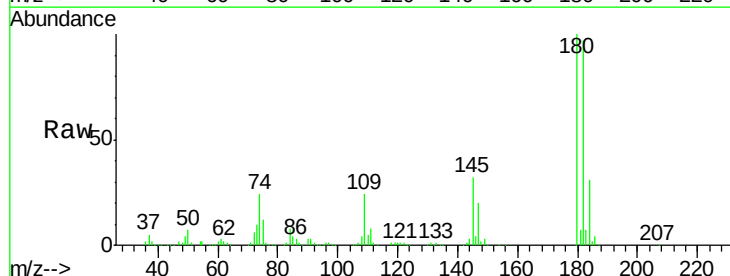
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMSD

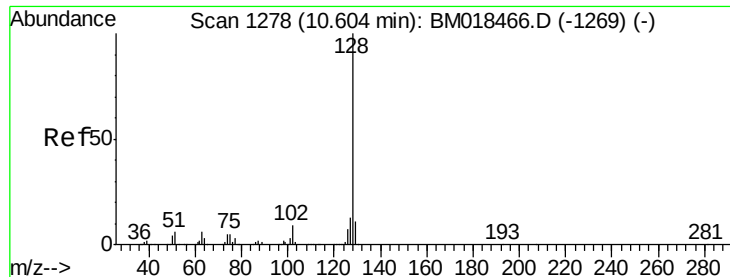
Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	45.6	85.6
98	34.6	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 48.492 ng
 RT: 10.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	77.4	116.2
145	31.8	24.6	37.0

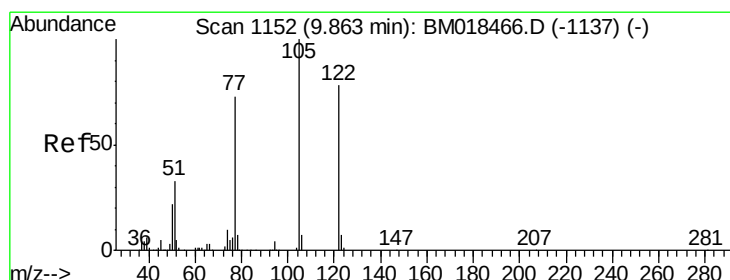
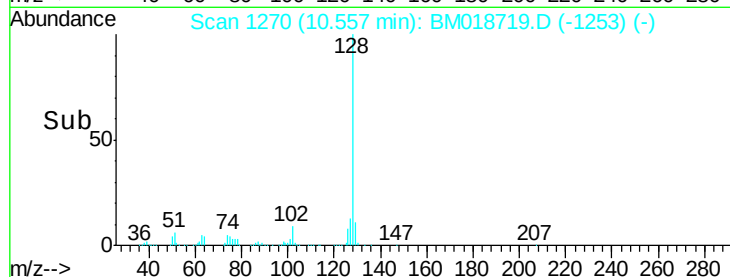
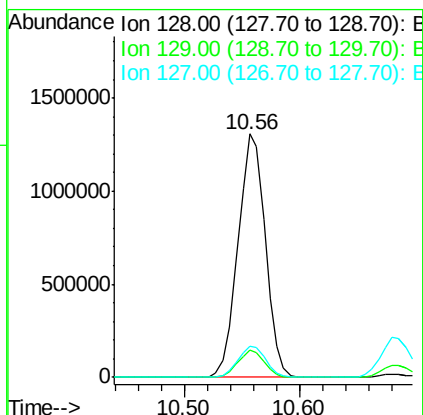
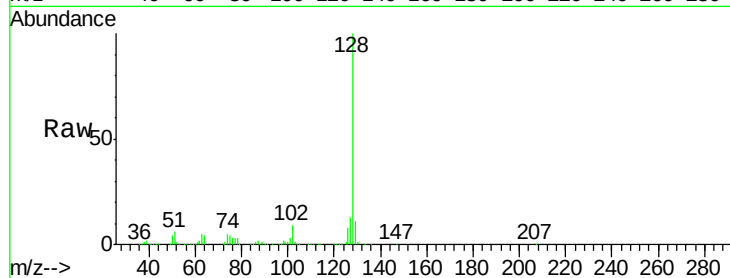




#31
Naphthalene
Concen: 53.338 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

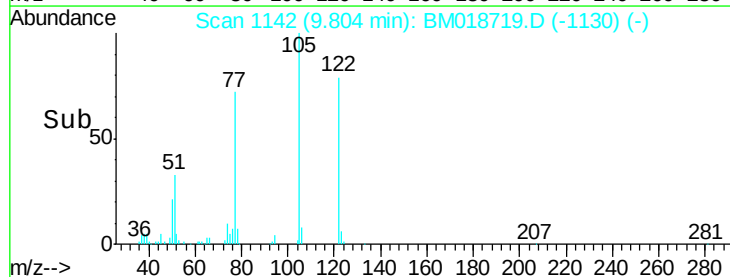
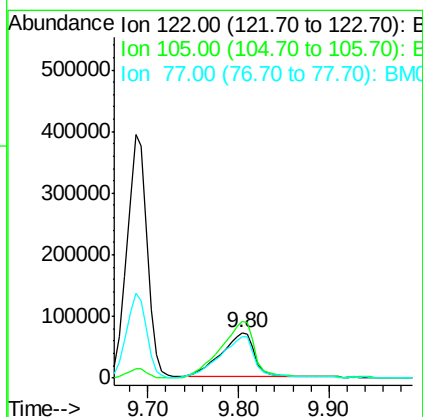
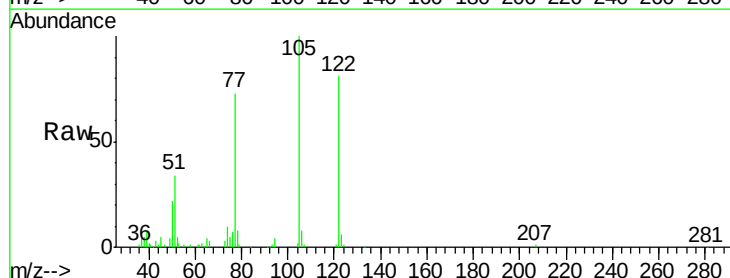
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

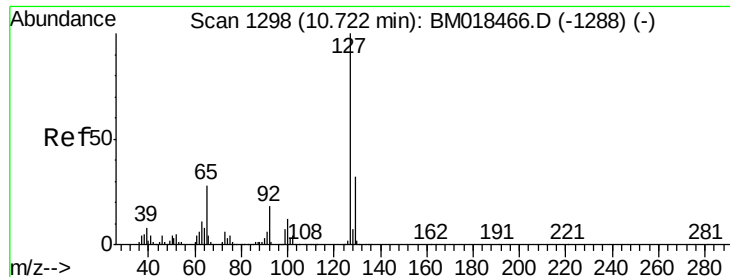
Tgt Ion:128 Resp: 2143579
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.8 10.8 16.2



#32
Benzoic acid
Concen: 29.735 ng
RT: 9.80 min Scan# 1142
Delta R.T. -0.03 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion:122 Resp: 185730
Ion Ratio Lower Upper
122 100
105 123.9 100.4 140.4
77 91.0 71.7 111.7

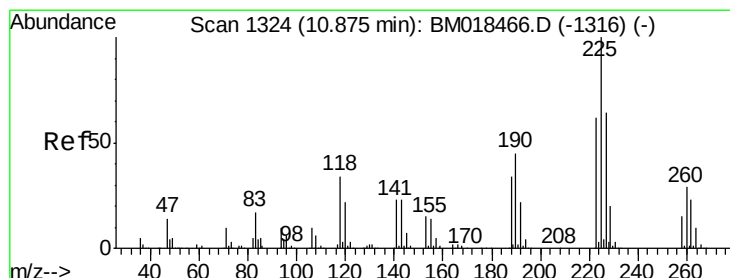
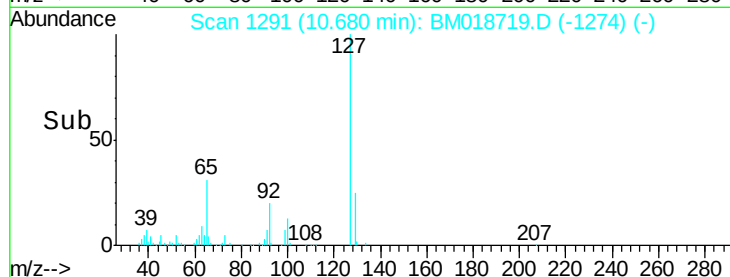
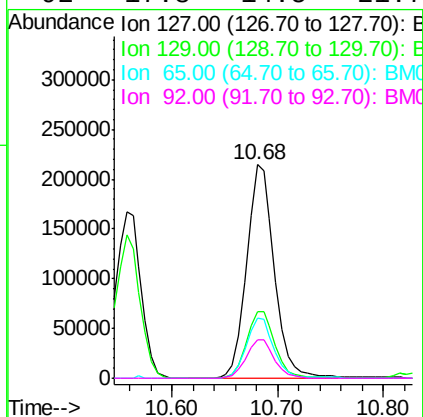
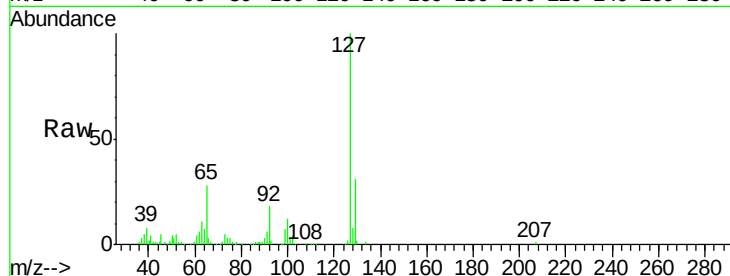




#33
4-Chloroaniline
Concen: 24.703 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

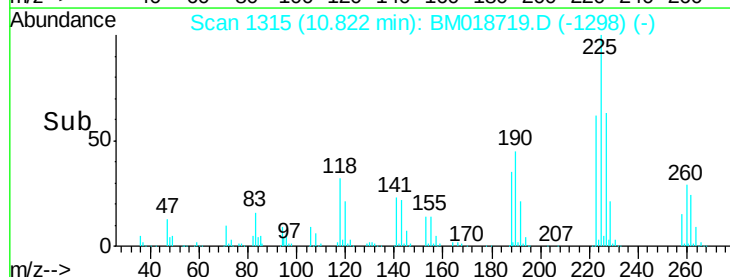
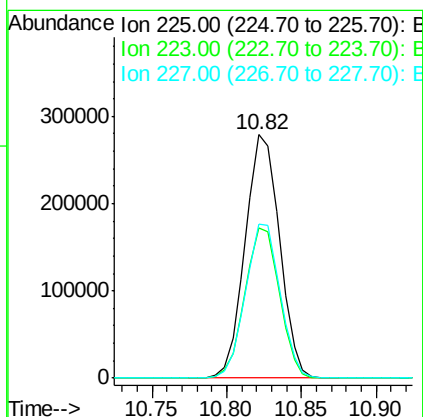
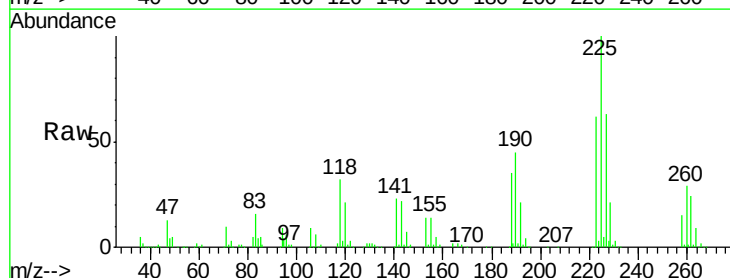
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

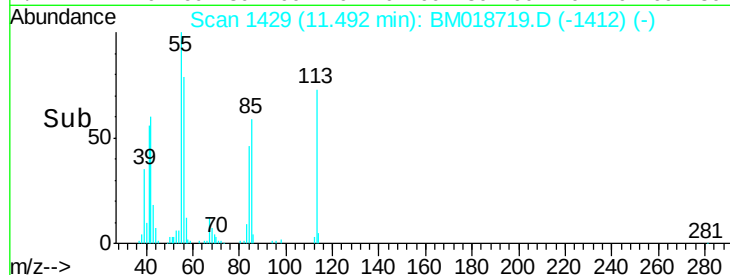
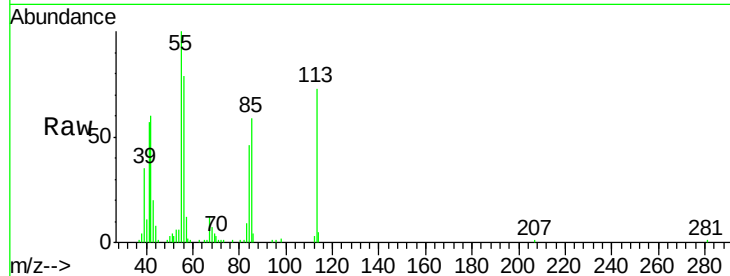
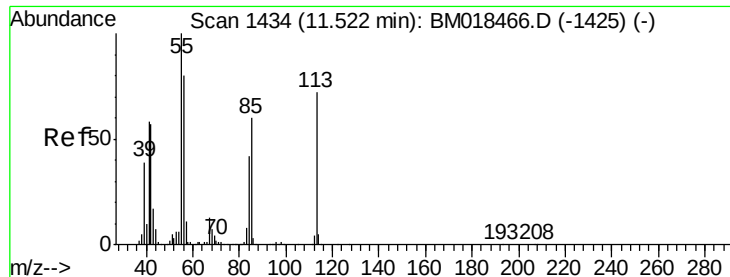
Tgt Ion:	127	Resp:	390982
Ion	Ratio	Lower	Upper
127	100		
129	30.9	25.9	38.9
65	28.0	23.4	35.2
92	17.8	14.5	21.7



#34
Hexachlorobutadiene
Concen: 46.424 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion:	225	Resp:	444966
Ion	Ratio	Lower	Upper
225	100		
223	61.7	50.8	76.2
227	63.0	50.4	75.6





#35

Caprolactam

Concen: 32.229 ng

RT: 11.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

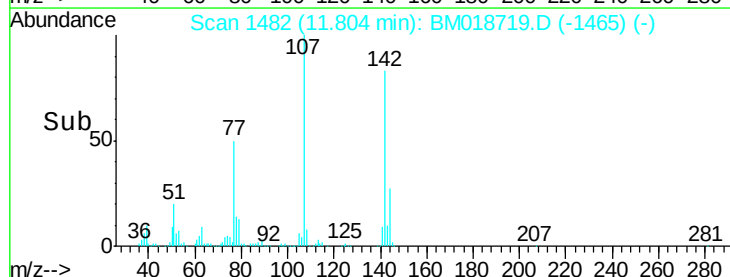
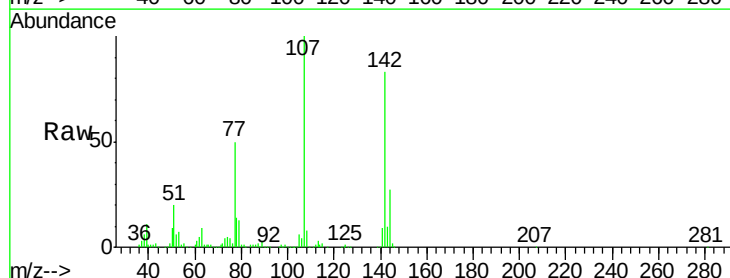
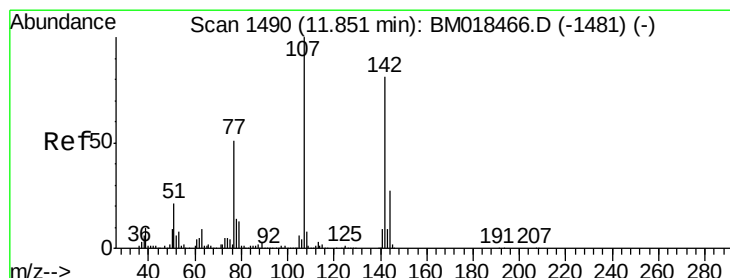
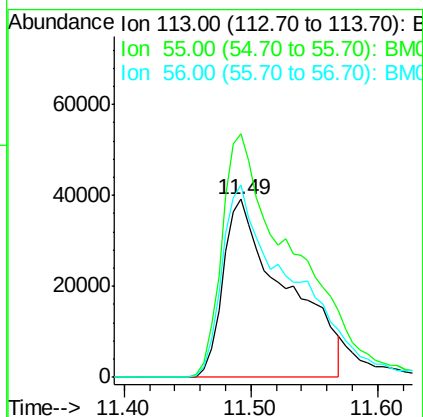
Tgt Ion:113 Resp: 133936

Ion Ratio Lower Upper

113 100

55 136.8 139.3 179.3#

56 108.1 101.4 141.4



#36

4-Chloro-3-methylphenol

Concen: 48.402 ng

RT: 11.80 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

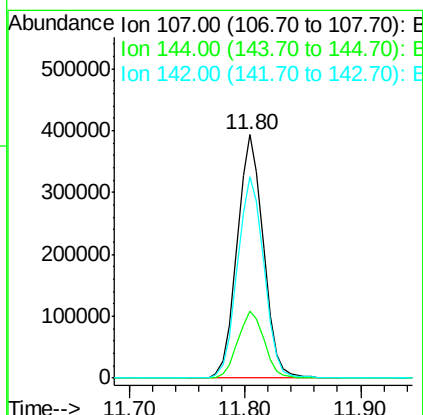
Tgt Ion:107 Resp: 620691

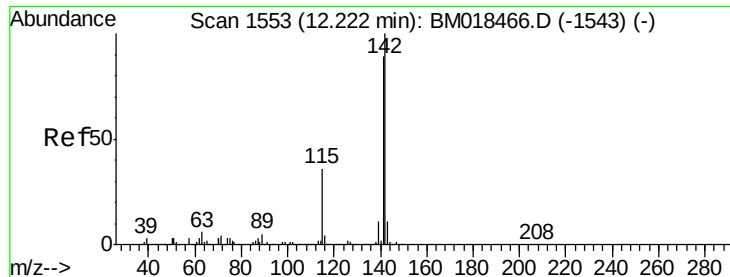
Ion Ratio Lower Upper

107 100

144 27.4 21.9 32.9

142 82.5 67.9 101.9

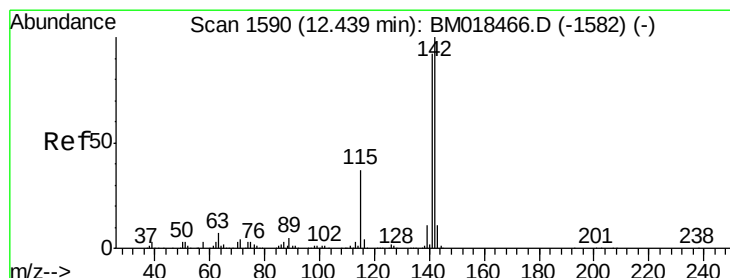
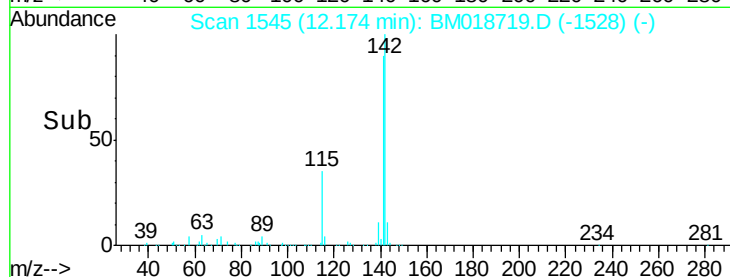
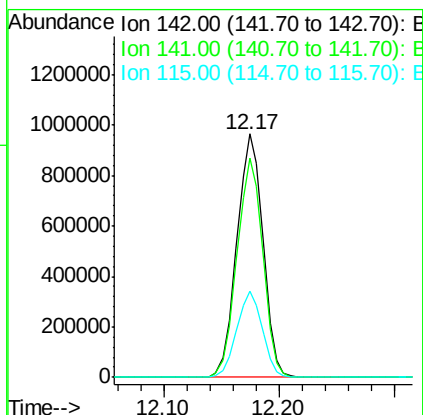
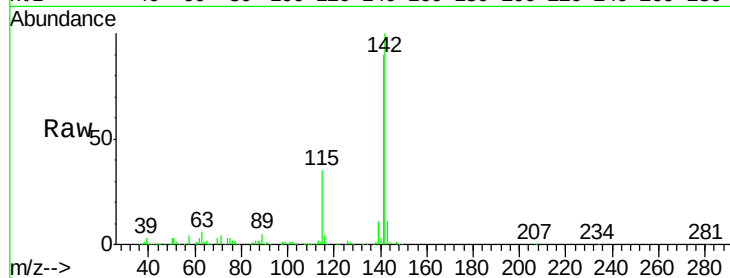




#37
2-Methylnaphthalene
Concen: 52.943 ng
RT: 12.17 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

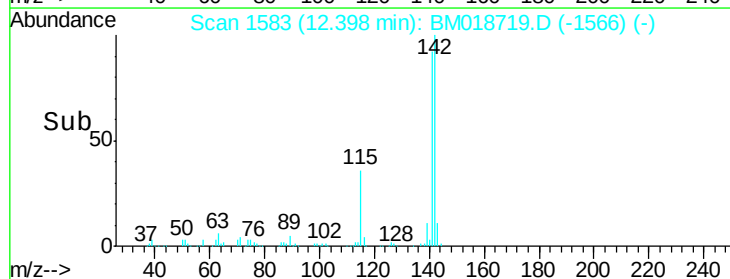
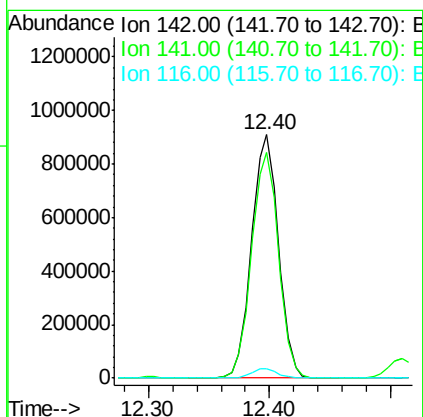
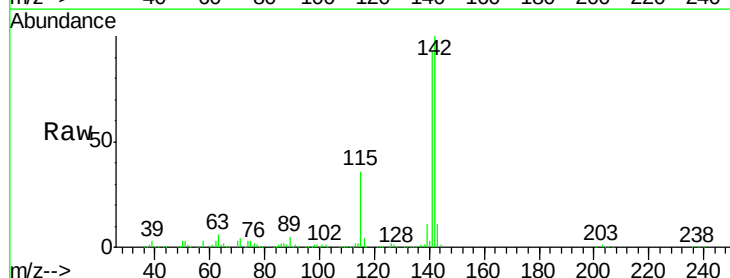
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

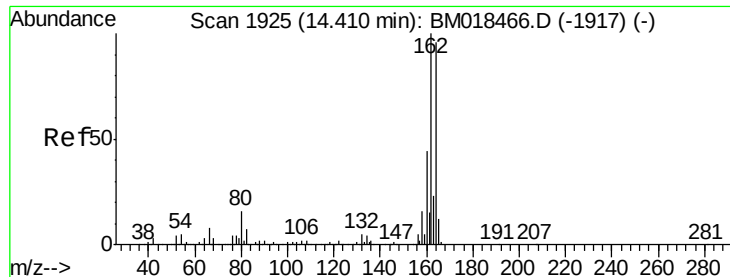
Tgt Ion:142 Resp: 1503279
Ion Ratio Lower Upper
142 100
141 90.3 71.4 107.2
115 35.3 28.0 42.0



#38
1-Methylnaphthalene
Concen: 51.266 ng
RT: 12.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion:142 Resp: 1408476
Ion Ratio Lower Upper
142 100
141 92.6 75.6 113.4
116 3.7 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

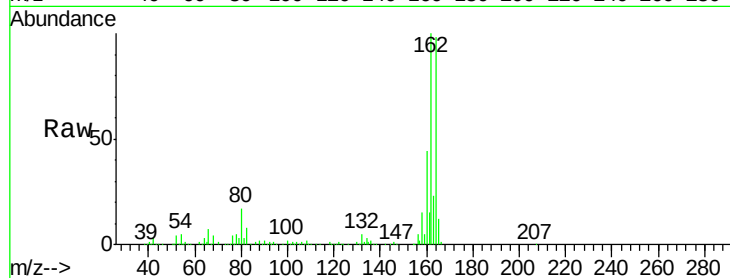
Tgt Ion:164 Resp: 420151

Ion Ratio Lower Upper

164 100

162 102.0 83.0 124.4

160 44.9 37.1 55.7

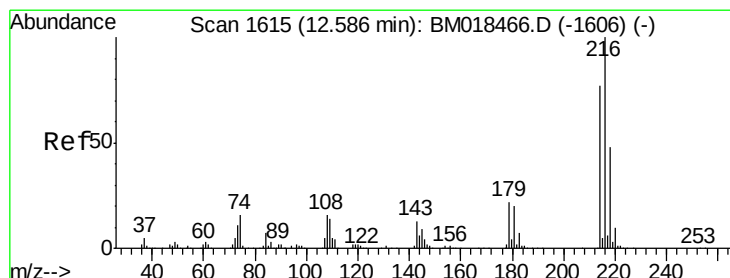
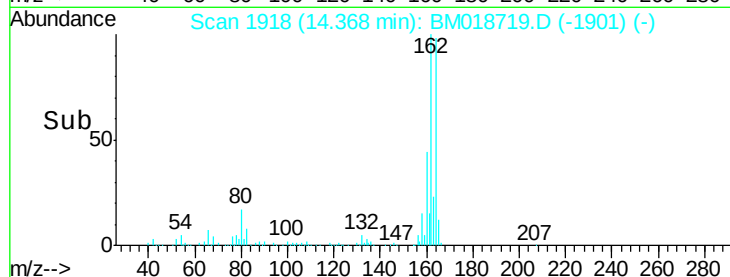
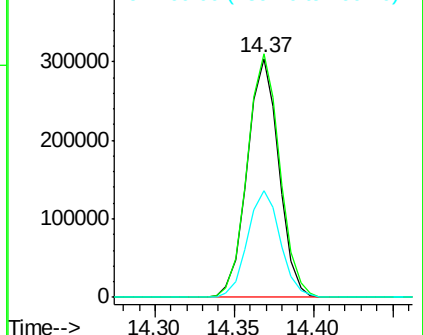


Abundance

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: 52.126 ng

RT: 12.54 min Scan# 1608

Delta R.T. 0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Tgt Ion:216 Resp: 765866

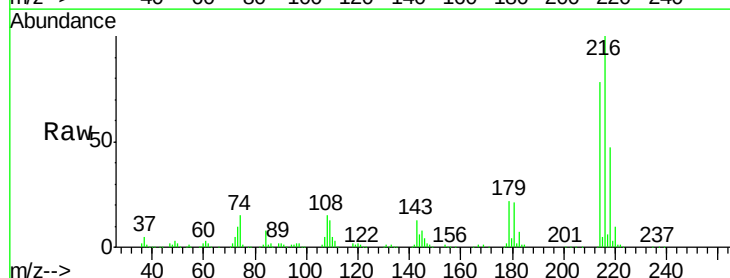
Ion Ratio Lower Upper

216 100

214 78.1 63.4 95.0

179 21.6 17.9 26.9

108 19.4 15.8 23.6



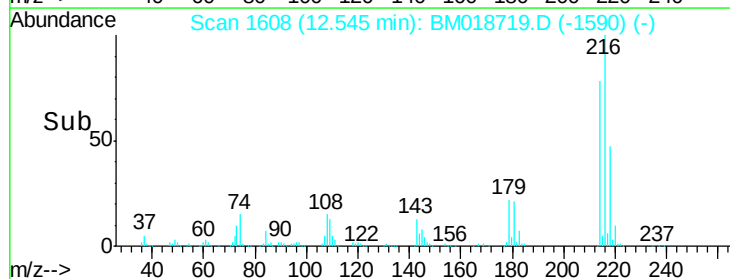
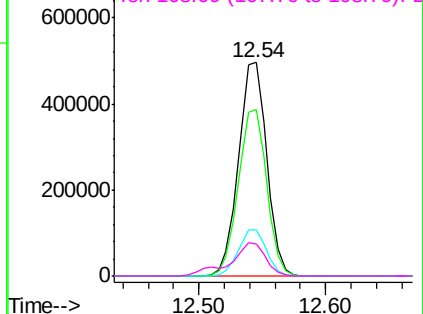
Abundance

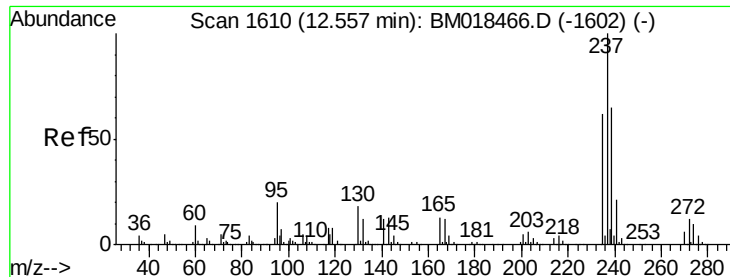
Ion 216.00 (215.70 to 216.70): E

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: 116.377 ng

RT: 12.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

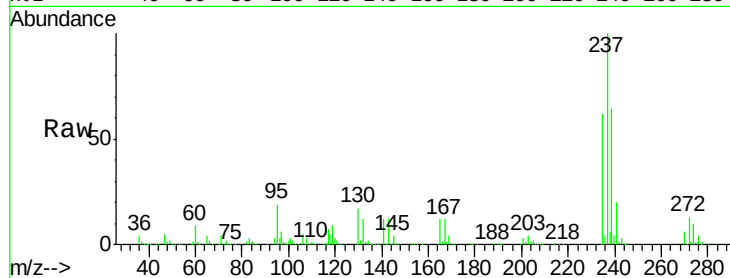
Tgt Ion:237 Resp: 938424

Ion Ratio Lower Upper

237 100

235 62.2 42.8 82.8

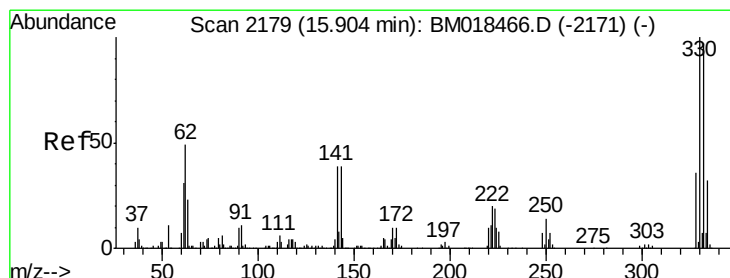
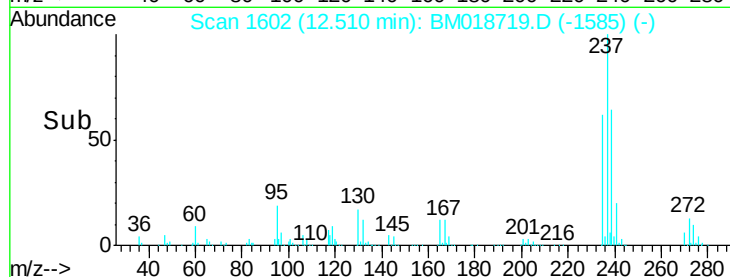
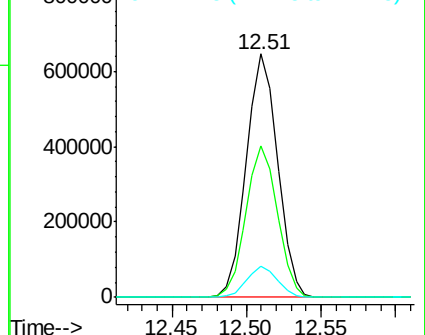
272 12.6 0.0 31.9



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: 111.009 ng

RT: 15.86 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

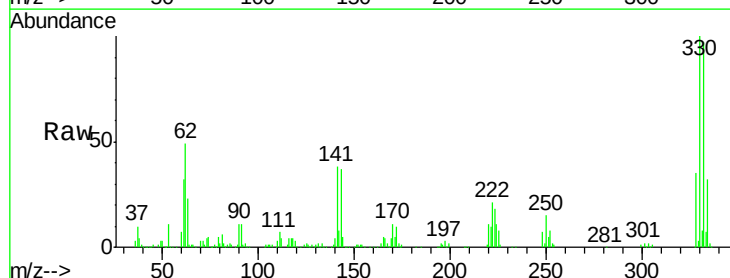
Tgt Ion:330 Resp: 593864

Ion Ratio Lower Upper

330 100

332 97.5 77.6 116.4

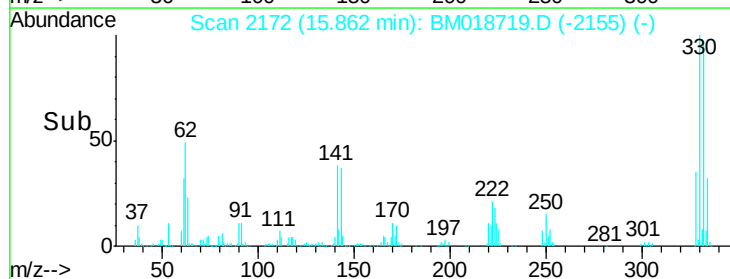
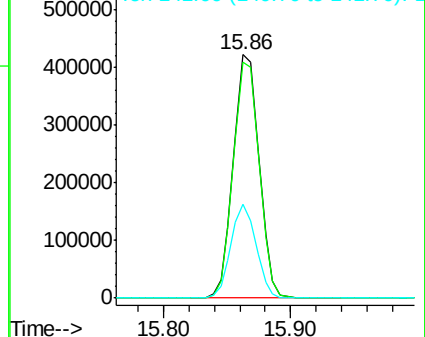
141 37.7 31.7 47.5

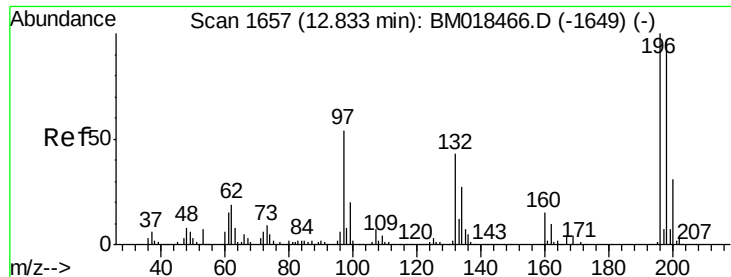


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

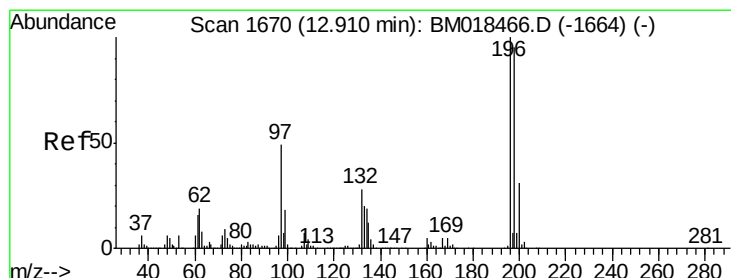
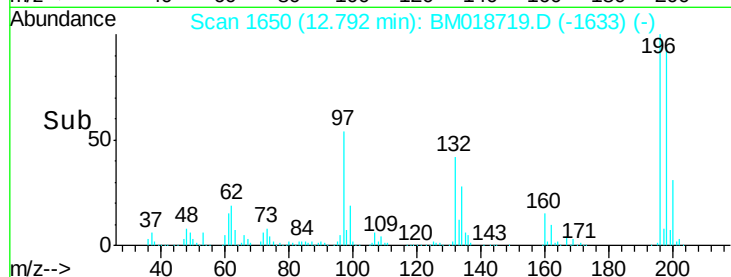
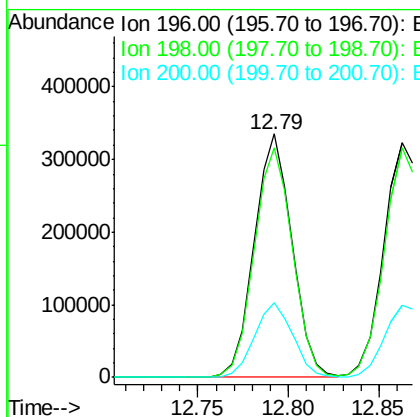
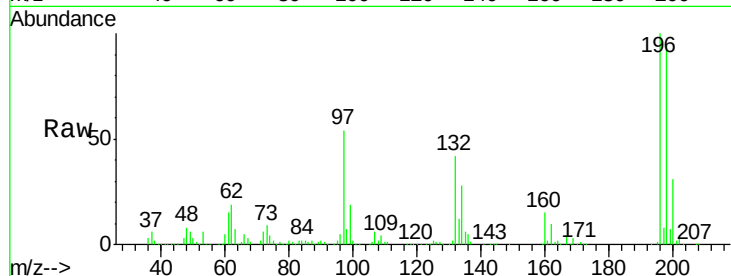




#43
 2,4,6-Trichlorophenol
 Concen: 54.253 ng
 RT: 12.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

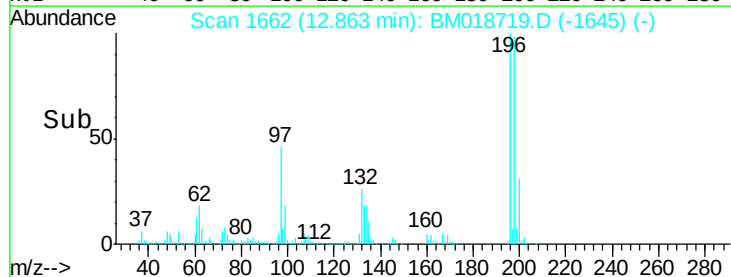
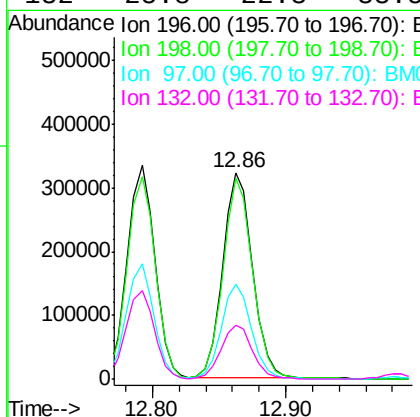
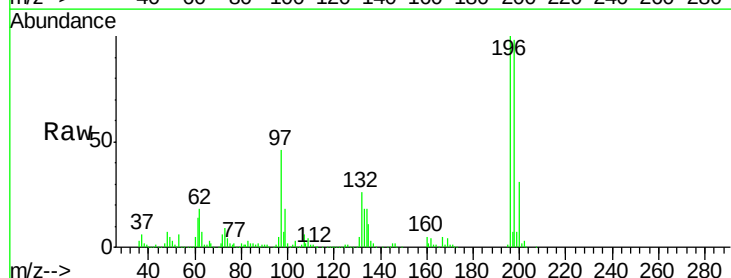
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMSD

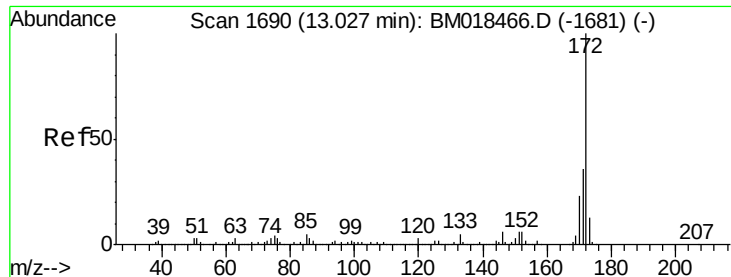
Tgt Ion:196 Resp: 484055
 Ion Ratio Lower Upper
 196 100
 198 94.4 76.6 115.0
 200 30.5 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 53.978 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

Tgt Ion:196 Resp: 506506
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.7 115.1
 97 46.1 39.2 58.8
 132 25.8 22.3 33.5

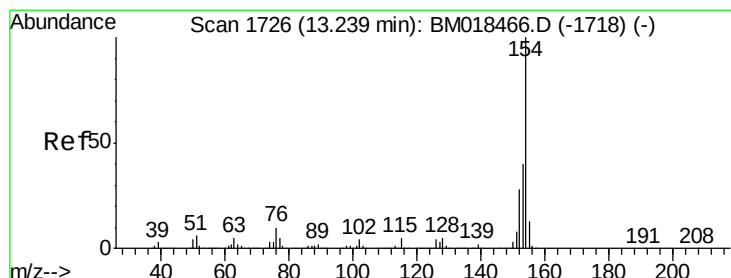
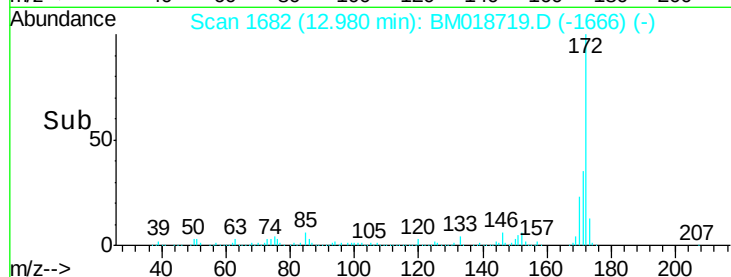
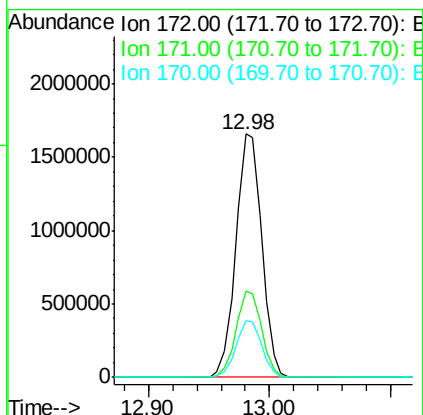
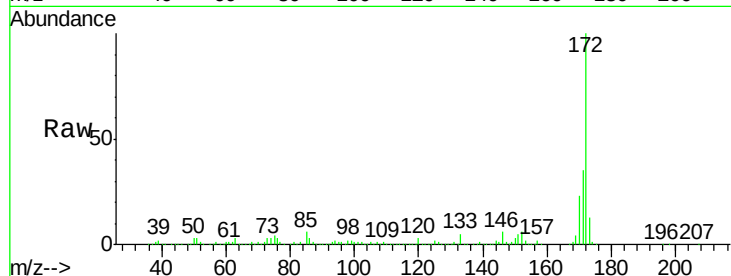




#45
2-Fluorobiphenyl
Concen: 76.868 ng
RT: 12.98 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

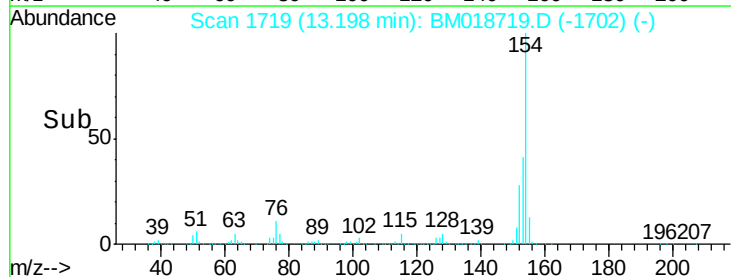
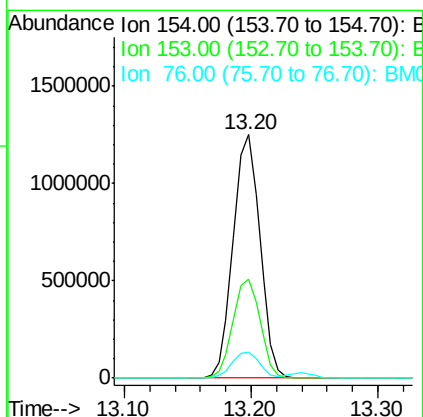
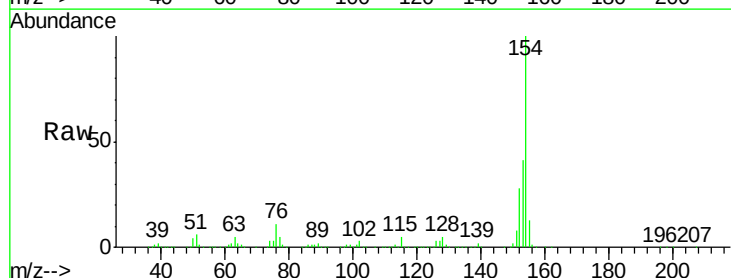
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

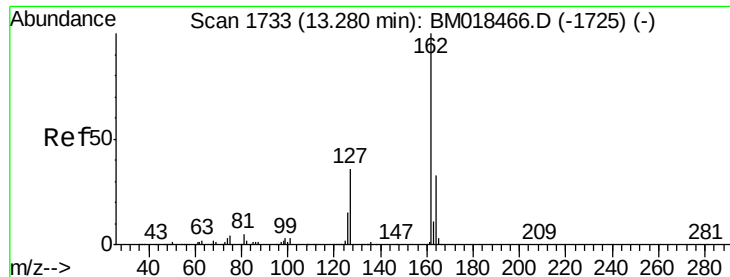
Tgt Ion:172 Resp: 2475066
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 49.985 ng
RT: 13.20 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion:154 Resp: 1833714
Ion Ratio Lower Upper
154 100
153 40.6 20.5 60.5
76 10.5 0.0 31.9

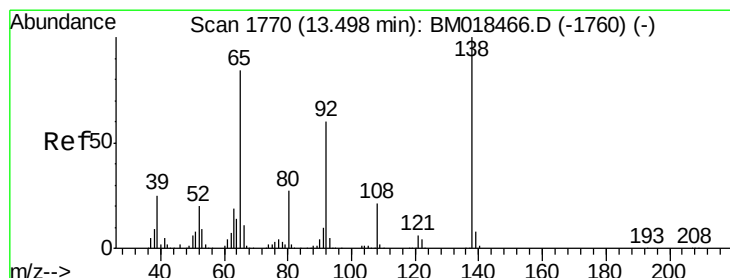
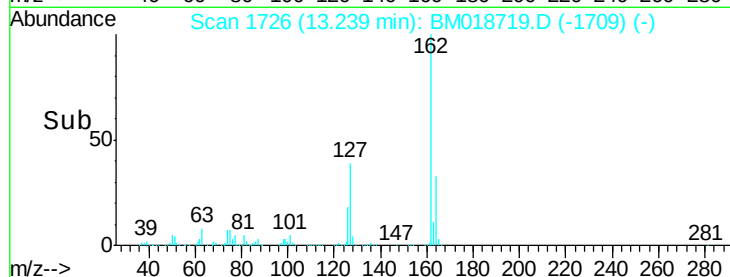
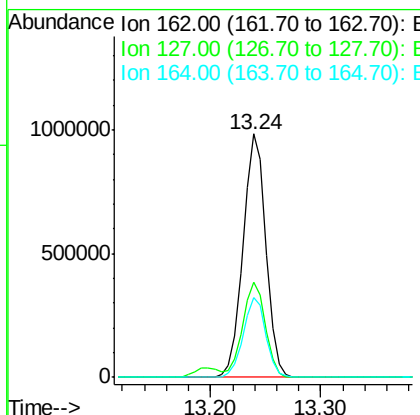
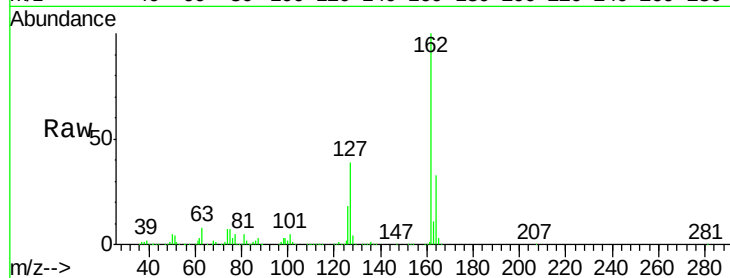




#47
2-Chloronaphthalene
Concen: 50.257 ng
RT: 13.24 min Scan# 1726
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

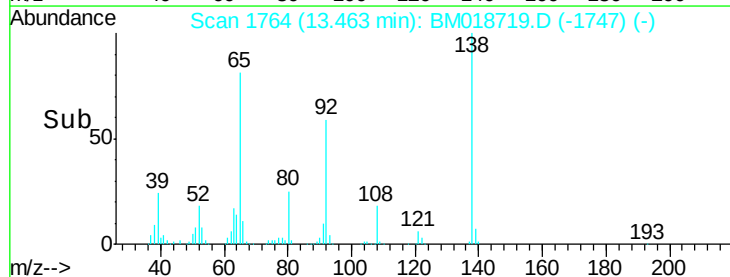
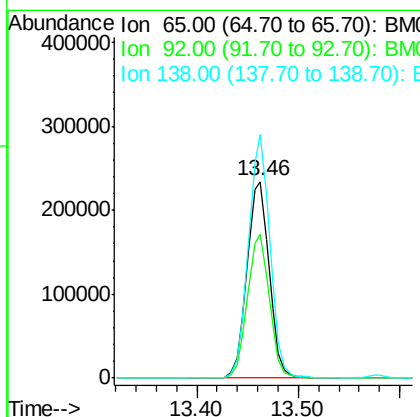
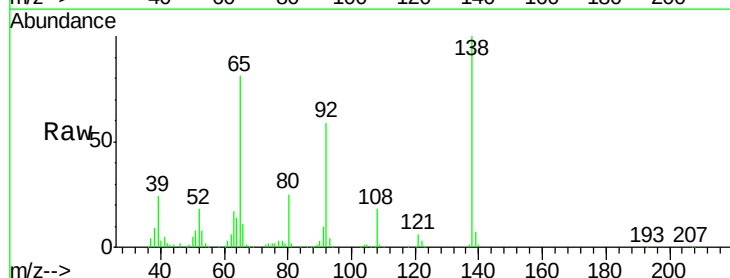
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

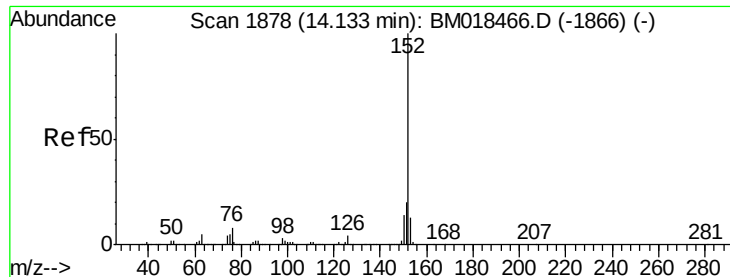
Tgt Ion: 162 Resp: 1429726
Ion Ratio Lower Upper
162 100
127 39.3 31.4 47.0
164 32.5 26.2 39.4



#48
2-Nitroaniline
Concen: 51.136 ng
RT: 13.46 min Scan# 1764
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion: 65 Resp: 357894
Ion Ratio Lower Upper
65 100
92 72.9 53.4 80.2
138 123.9 88.9 133.3





#49

Acenaphthylene

Concen: 53.901 ng

RT: 14.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

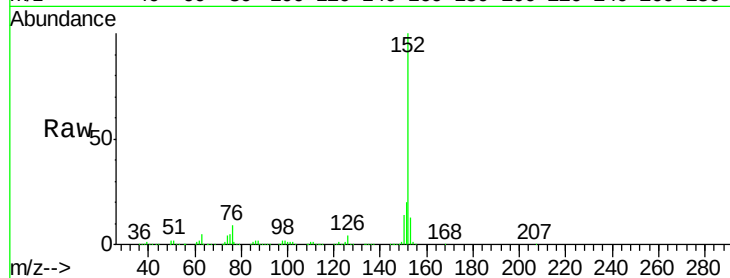
Tgt Ion:152 Resp: 2234615

Ion Ratio Lower Upper

152 100

151 19.9 15.7 23.5

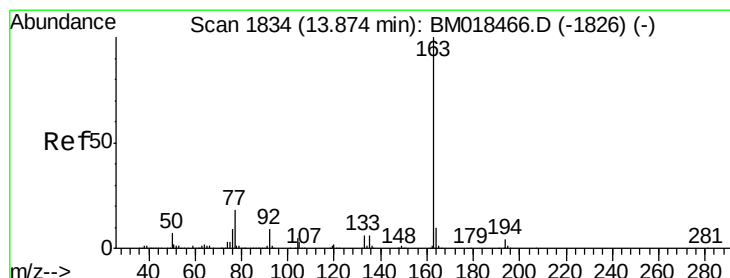
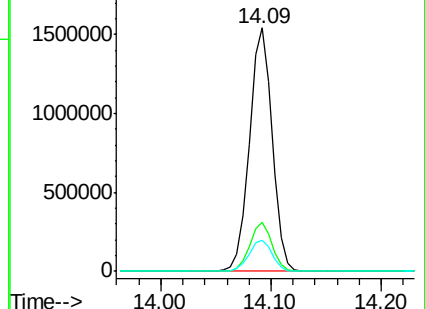
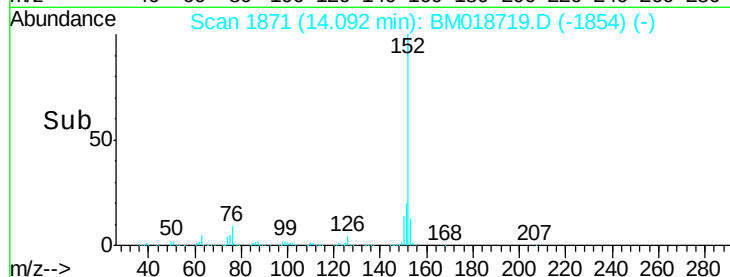
153 12.8 10.5 15.7



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: 55.275 ng

RT: 13.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

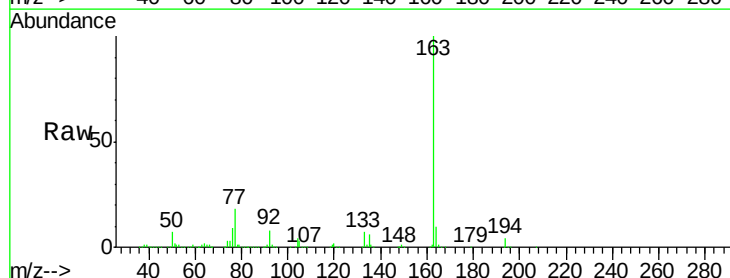
Tgt Ion:163 Resp: 1907310

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

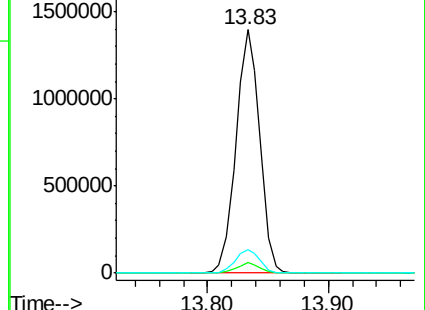
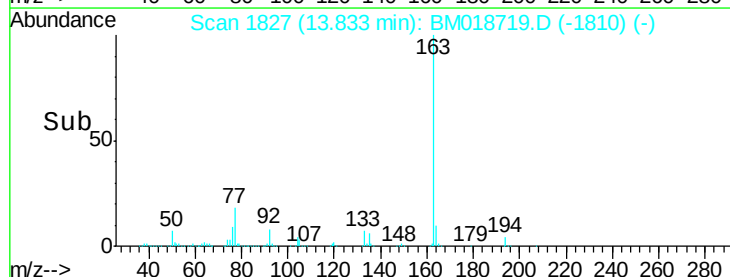
164 9.8 7.8 11.8

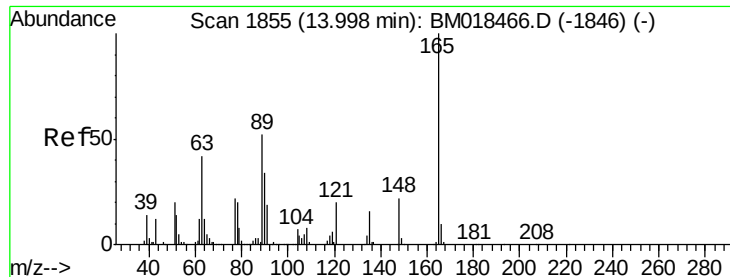


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

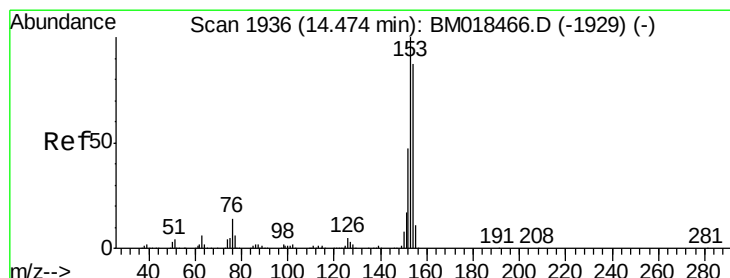
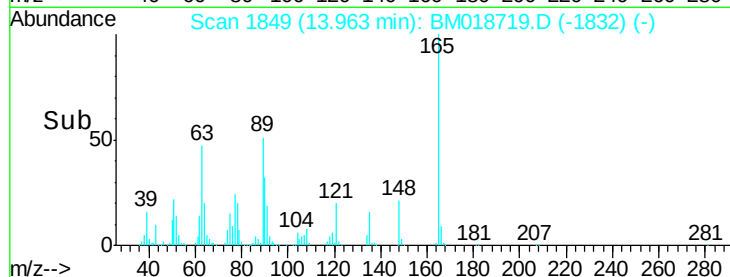
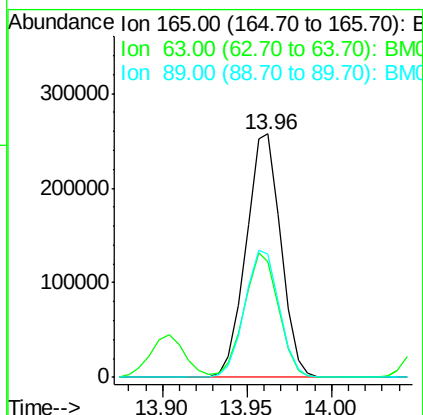
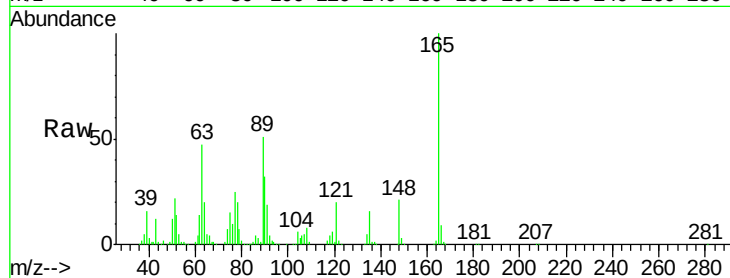




#51
 2,6-Dinitrotoluene
 Concen: 50.355 ng
 RT: 13.96 min Scan# 1849
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

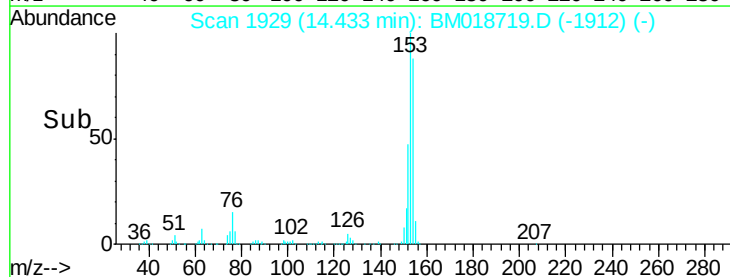
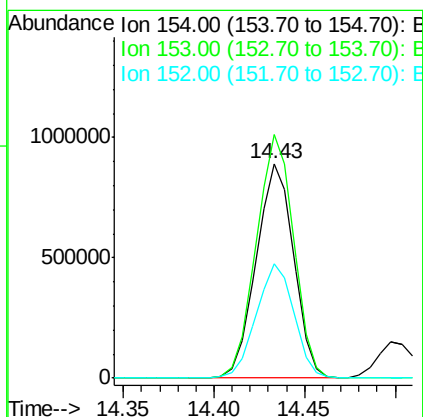
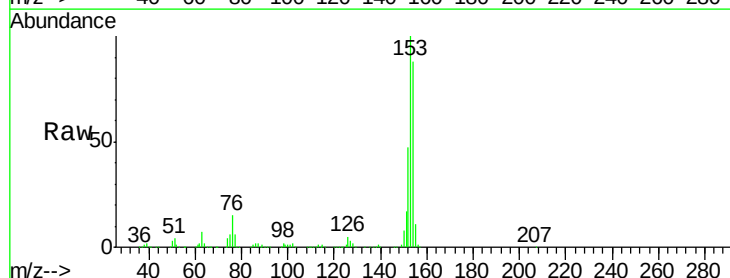
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMSD

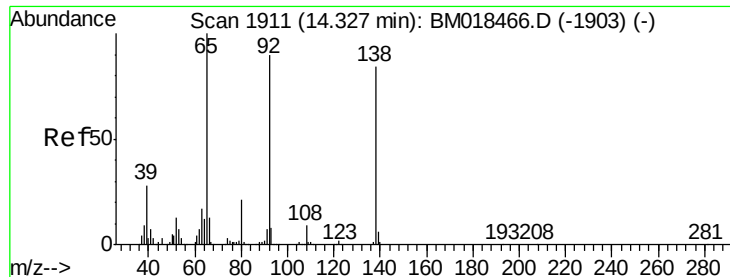
Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.4	45.6	68.4
89	50.7	44.6	66.8



#52
 Acenaphthene
 Concen: 50.534 ng
 RT: 14.43 min Scan# 1929
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.5	92.3	138.5
152	53.6	43.8	65.6





#53

3-Nitroaniline

Concen: 35.267 ng

RT: 14.29 min Scan# 1905

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

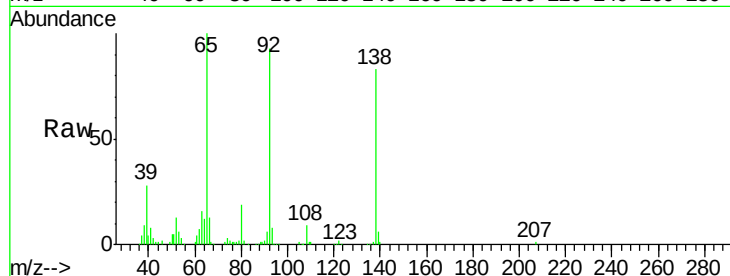
Tgt Ion:138 Resp: 259876

Ion Ratio Lower Upper

138 100

108 10.9 9.1 13.7

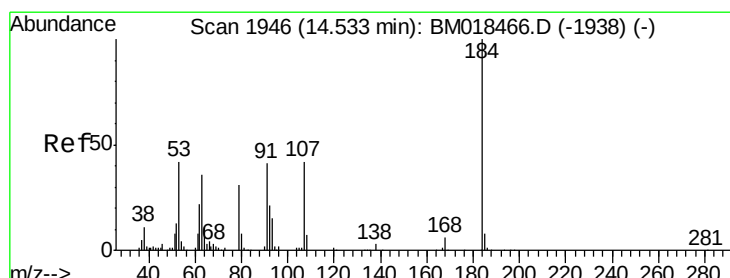
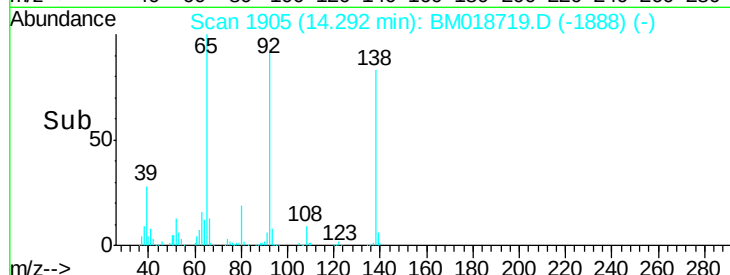
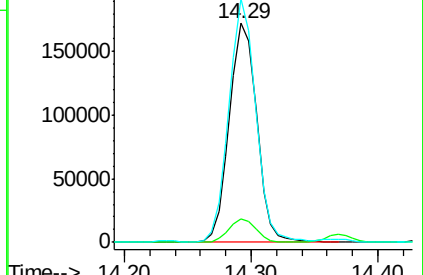
92 111.1 88.2 132.2



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: 85.842 ng

RT: 14.50 min Scan# 1940

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

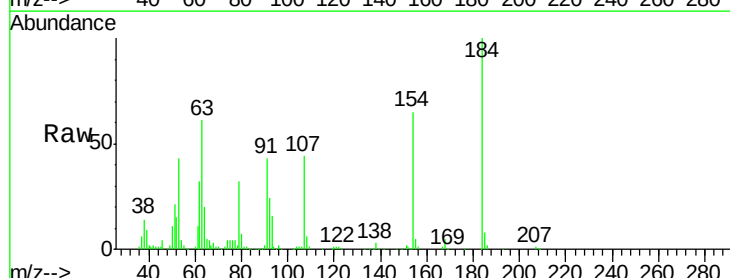
Tgt Ion:184 Resp: 341948

Ion Ratio Lower Upper

184 100

63 61.1 55.9 83.9

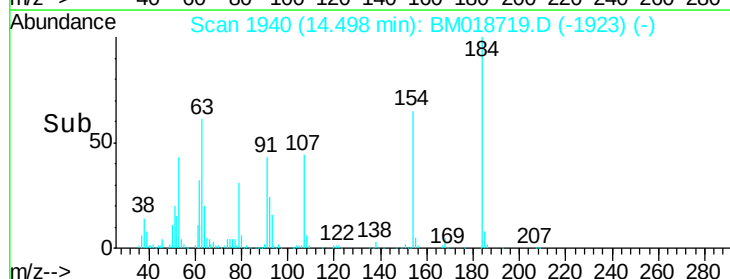
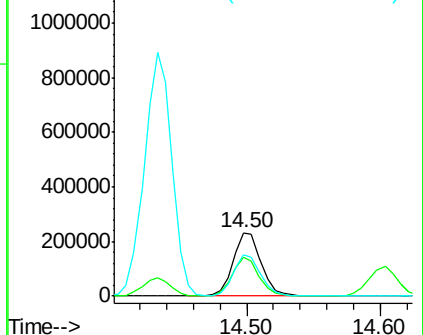
154 65.1 54.2 81.4

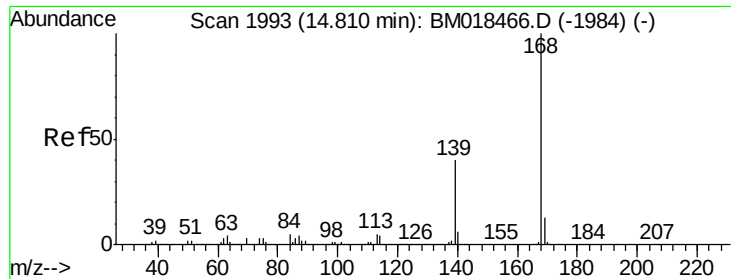


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 48.501 ng

RT: 14.77 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

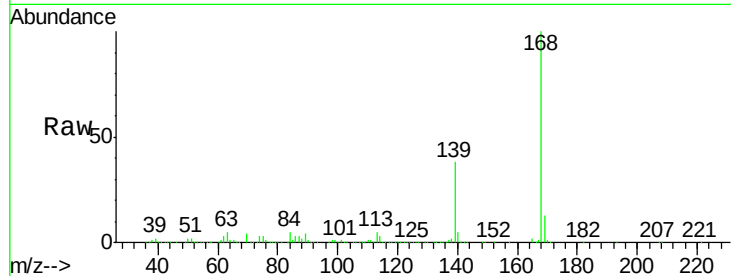
Tgt Ion:168 Resp: 2032777

Ion Ratio Lower Upper

168 100

139 38.3 30.3 45.5

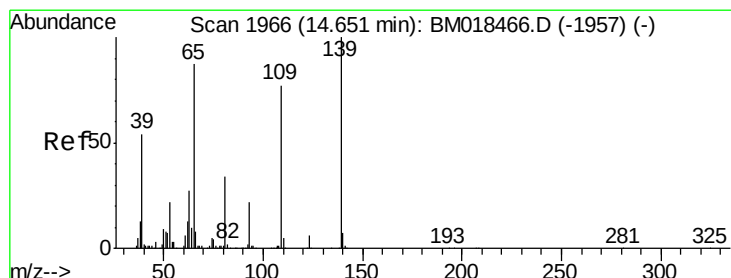
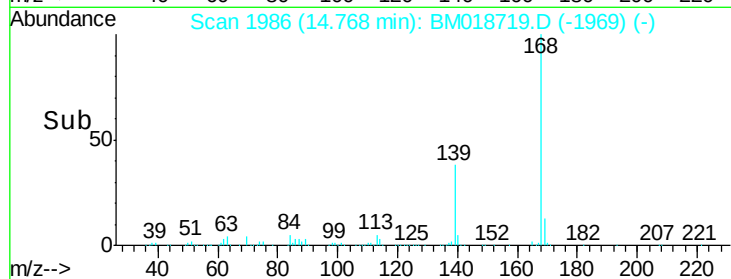
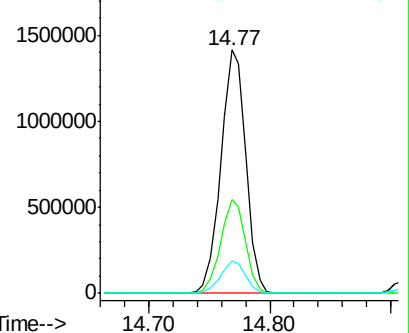
169 13.1 10.6 16.0



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: 96.287 ng

RT: 14.60 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

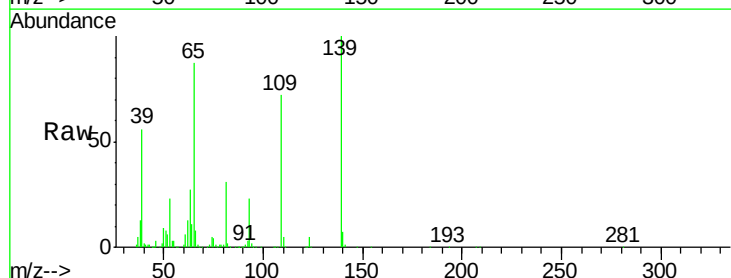
Tgt Ion:139 Resp: 612955

Ion Ratio Lower Upper

139 100

109 72.1 51.7 91.7

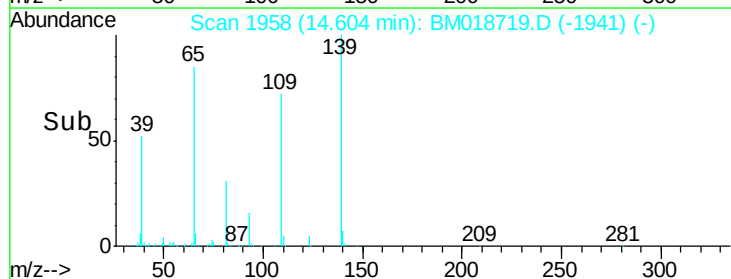
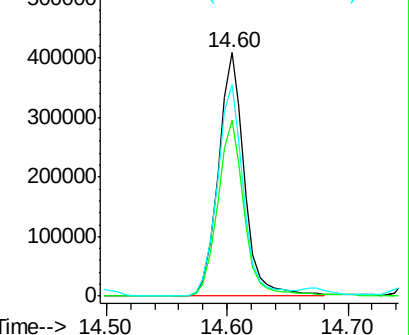
65 86.7 71.4 111.4

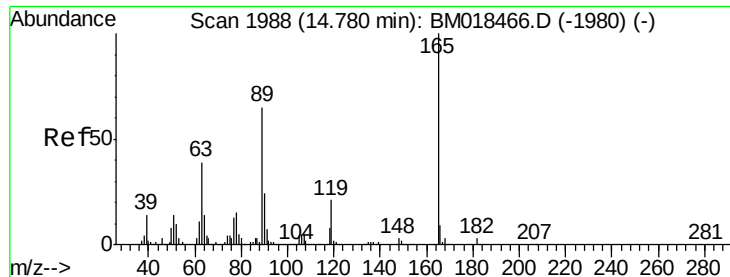


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

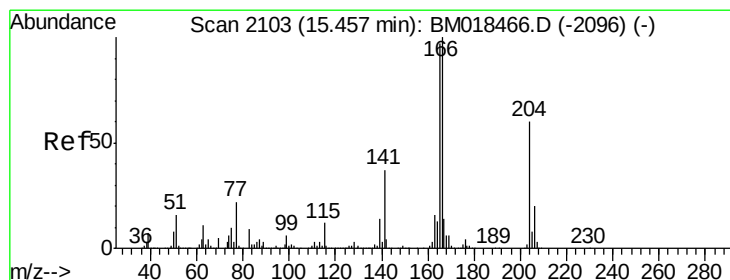
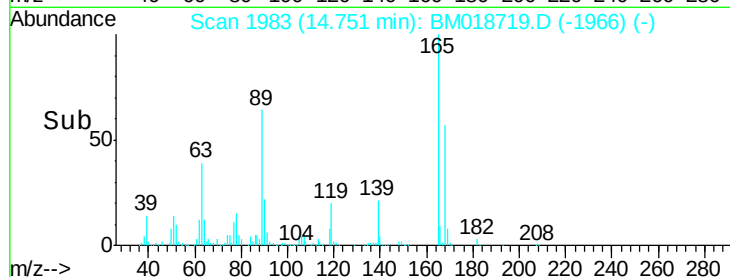
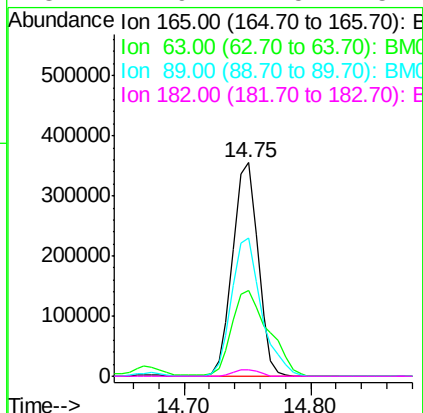
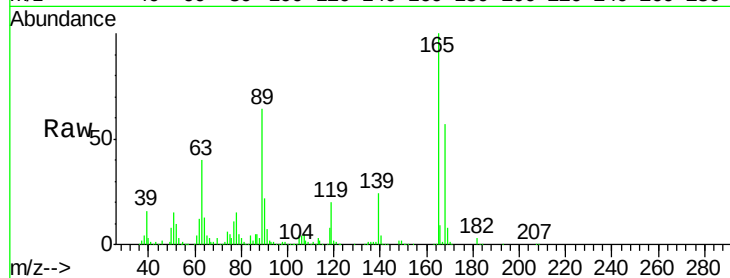




#57
 2,4-Dinitrotoluene
 Concen: 47.562 ng
 RT: 14.75 min Scan# 1983
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

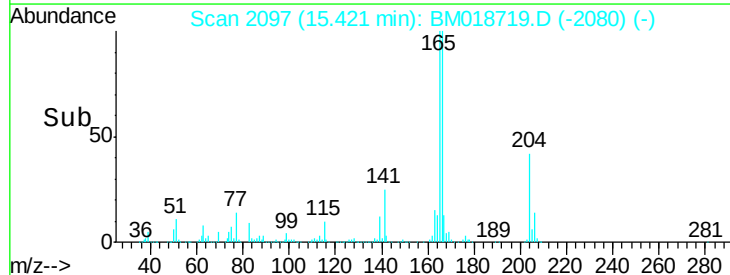
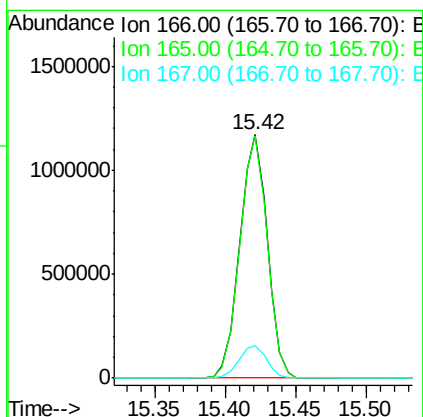
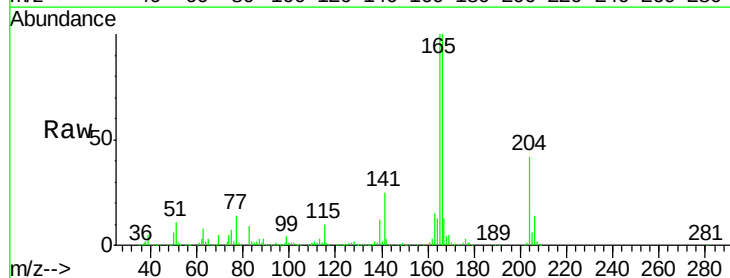
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMSD

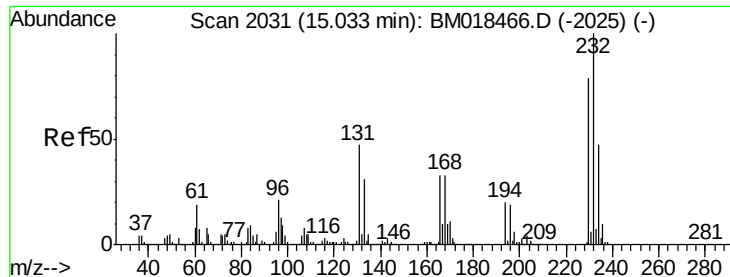
Tgt Ion:	165	Resp:	491867
Ion	Ratio	Lower	Upper
165	100		
63	40.4	32.2	48.2
89	64.4	52.1	78.1
182	2.9	2.5	3.7



#58
 Fluorene
 Concen: 51.075 ng
 RT: 15.42 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

Tgt Ion:	166	Resp:	1594652
Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.3	117.5
167	13.4	10.9	16.3

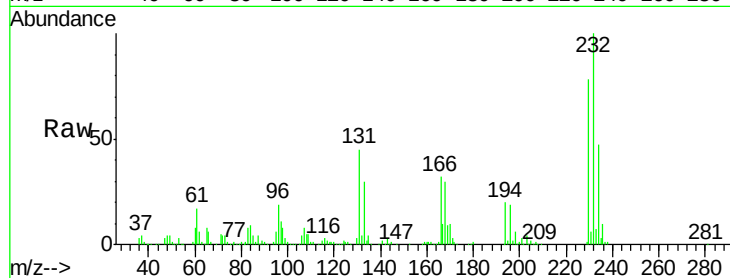




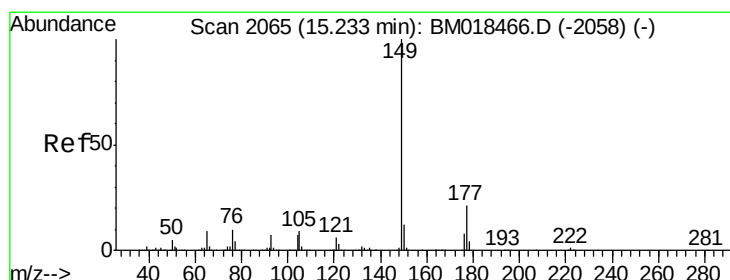
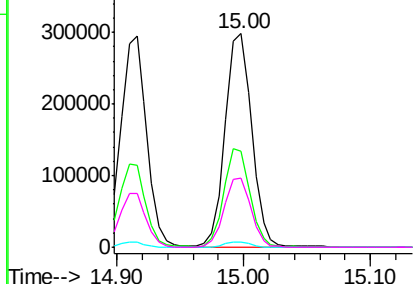
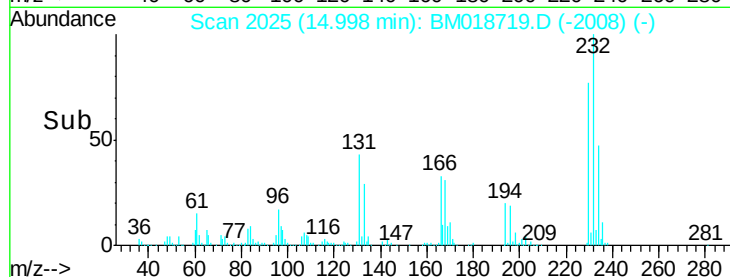
#59
2,3,4,6-Tetrachlorophenol
Concen: 51.877 ng
RT: 15.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

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

Tgt Ion: 232 Resp: 431475
Ion Ratio Lower Upper
232 100
131 45.4 38.6 57.8
130 2.5 2.2 3.4
166 33.0 27.2 40.8

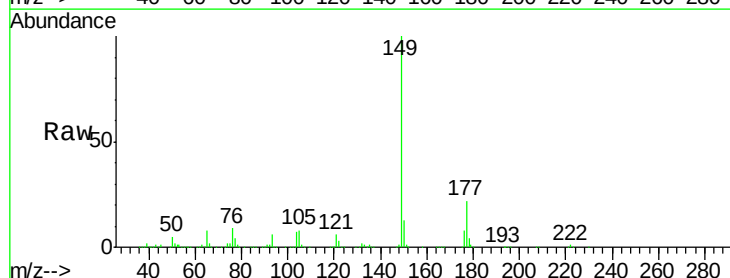


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

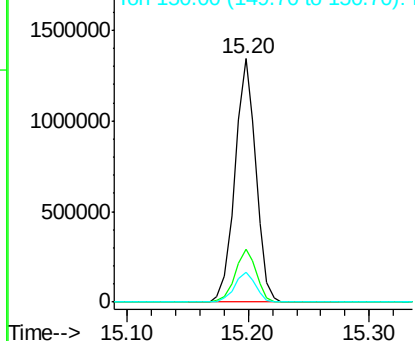
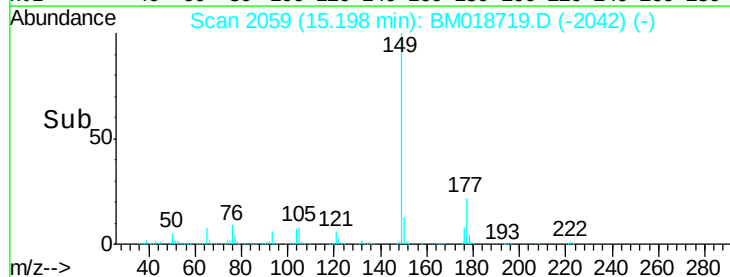


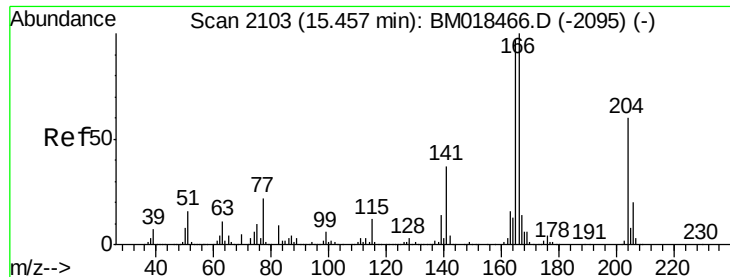
#60
Diethylphthalate
Concen: 46.333 ng
RT: 15.20 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion: 149 Resp: 1613971
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 12.5 9.8 14.6



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

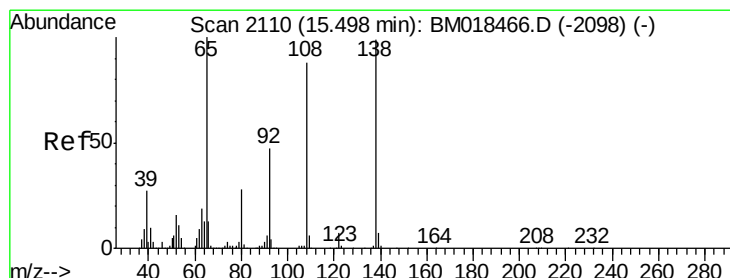
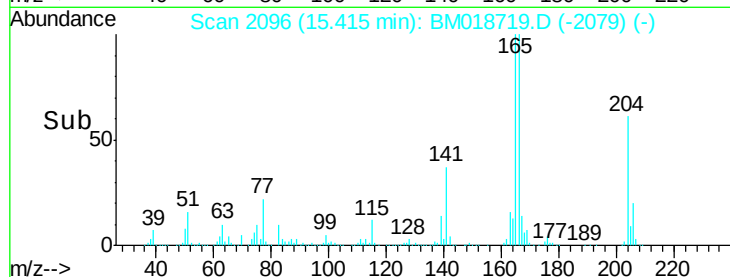
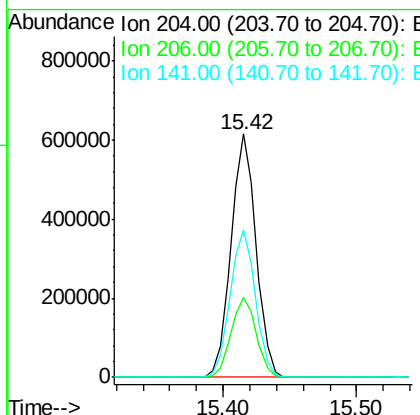
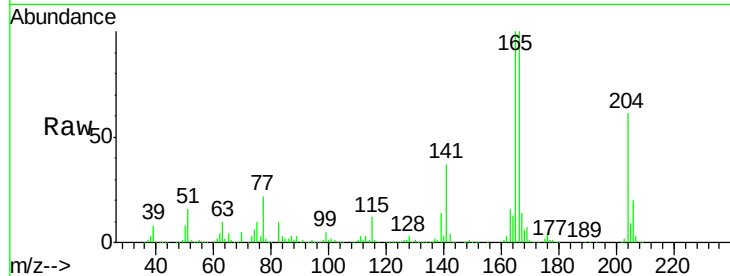




#61
4-Chlorophenyl-phenylether
Concen: 44.688 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

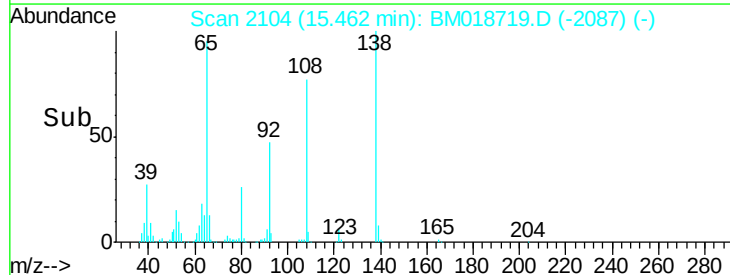
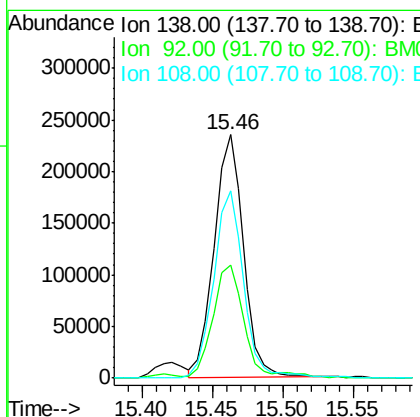
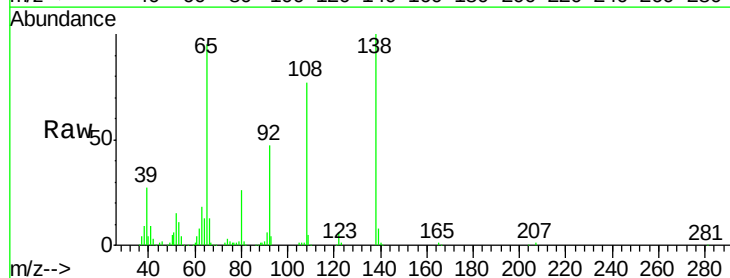
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

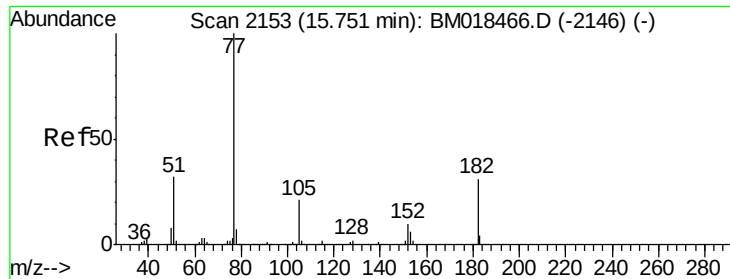
Tgt Ion:204 Resp: 804159
Ion Ratio Lower Upper
204 100
206 32.6 25.8 38.6
141 60.4 49.5 74.3



#62
4-Nitroaniline
Concen: 42.139 ng
RT: 15.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion:138 Resp: 338693
Ion Ratio Lower Upper
138 100
92 46.5 29.0 69.0
108 76.8 63.9 103.9





#63

Azobenzene

Concen: 47.513 ng

RT: 15.71 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

Tgt Ion: 77 Resp: 1349400

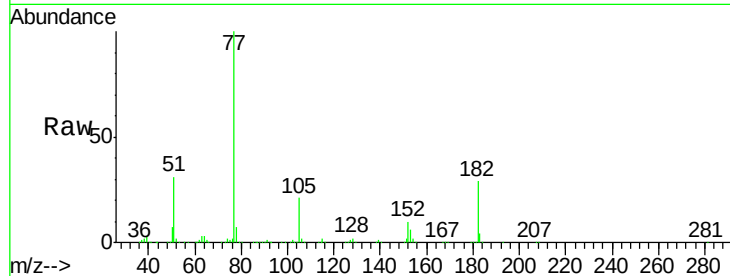
Ion Ratio Lower Upper

77 100

182 28.8 7.4 47.4

105 21.1 0.0 39.6

51 31.1 12.0 52.0

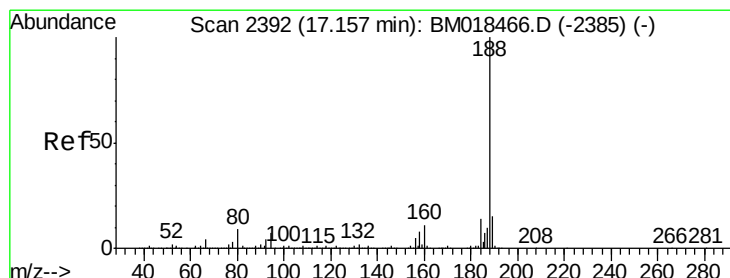
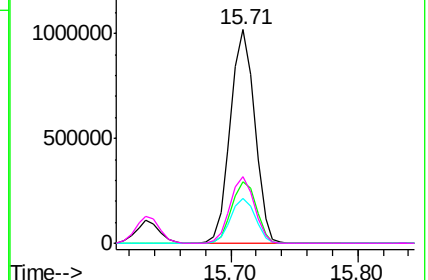
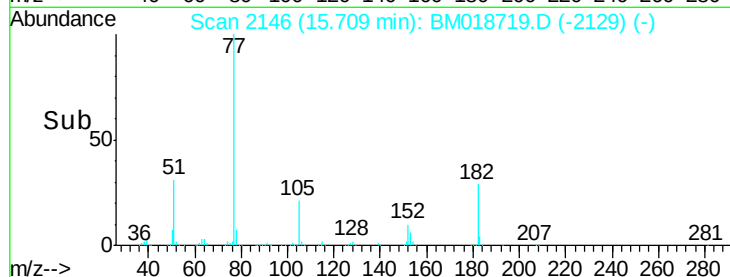


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

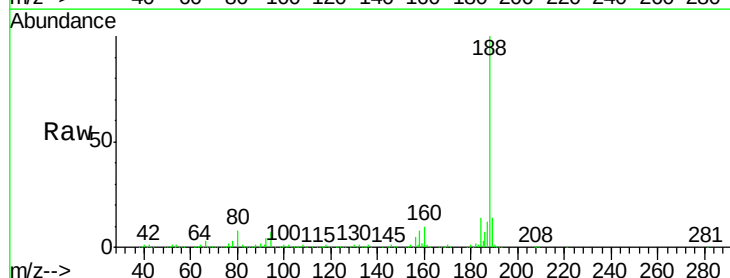
Tgt Ion: 188 Resp: 845398

Ion Ratio Lower Upper

188 100

94 7.4 7.1 10.7

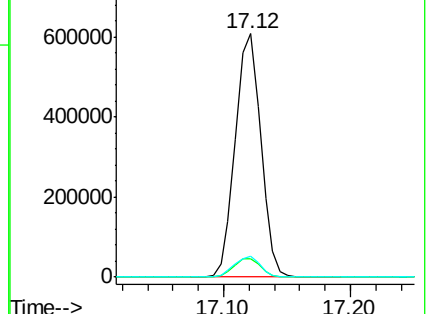
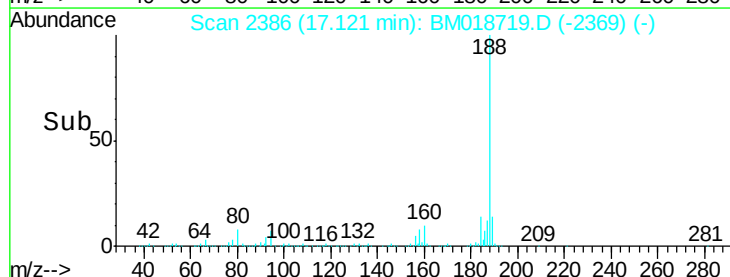
80 8.4 7.6 11.4

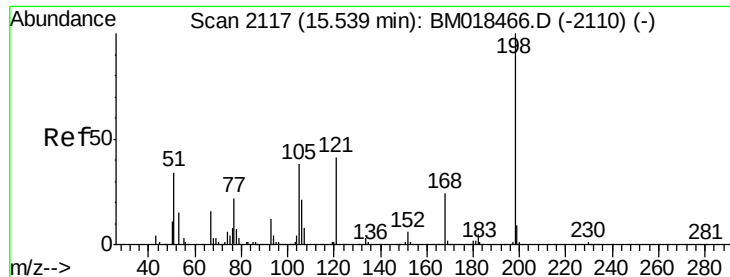


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

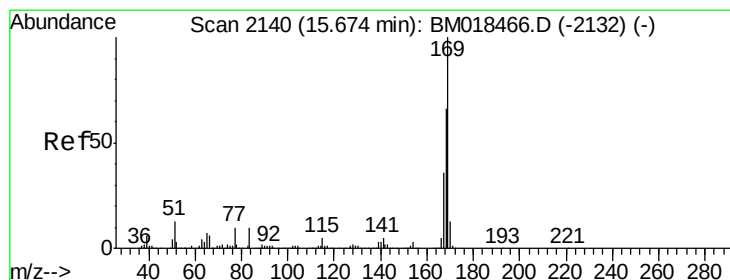
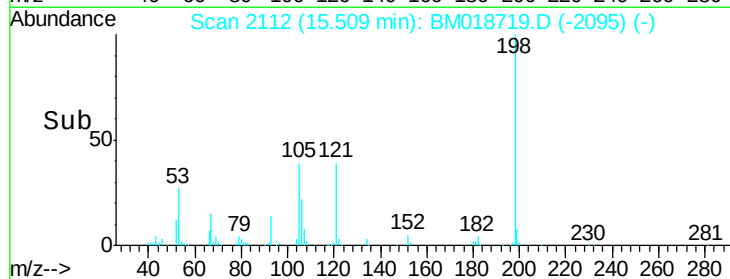
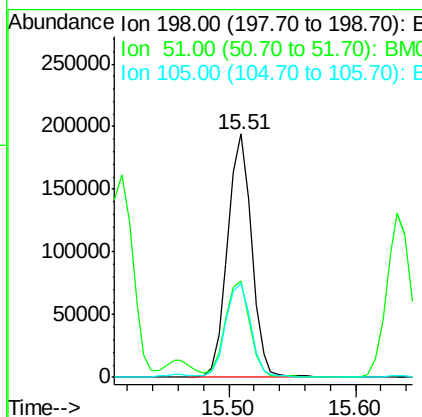
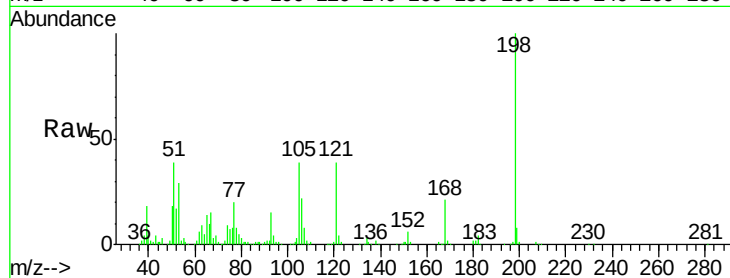




#65
 4,6-Dinitro-2-methylphenol
 Concen: 47.294 ng
 RT: 15.51 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

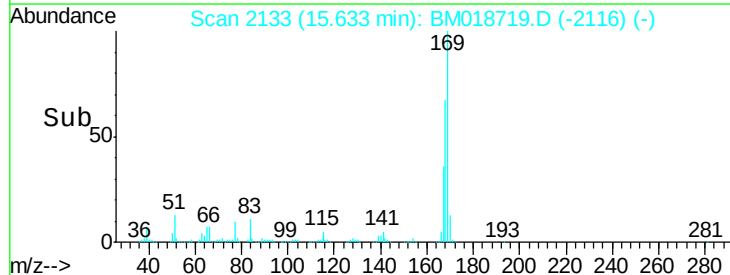
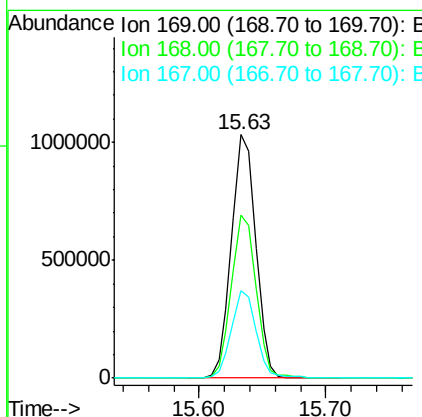
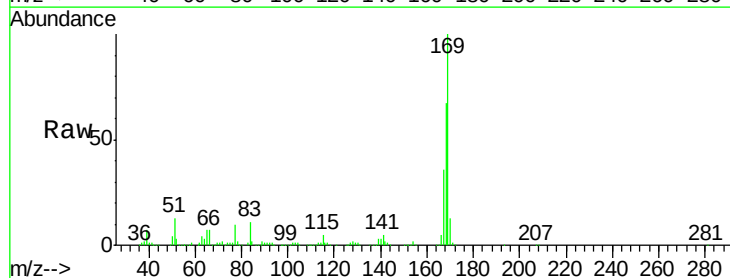
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMSD

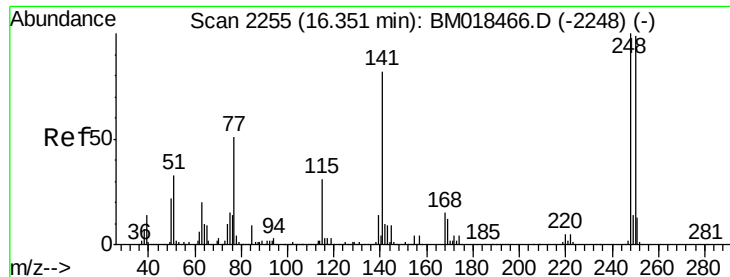
Tgt Ion	Ratio	Lower	Upper
198	100		
51	39.5	29.6	69.6
105	38.7	25.5	65.5



#66
 n-Nitrosodiphenylamine
 Concen: 52.403 ng
 RT: 15.63 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.8	54.1	81.1
167	35.8	28.6	42.8

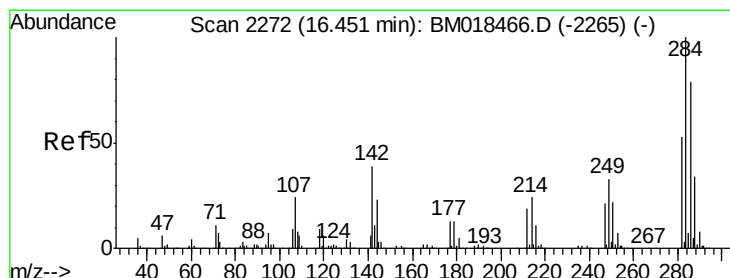
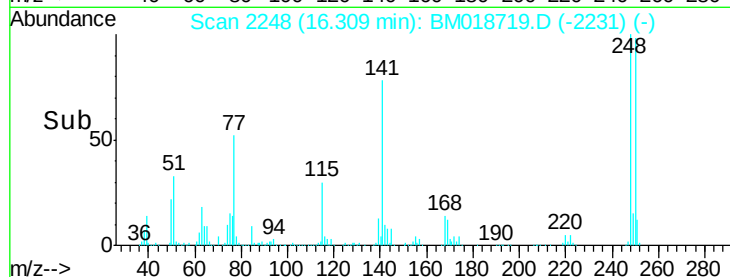
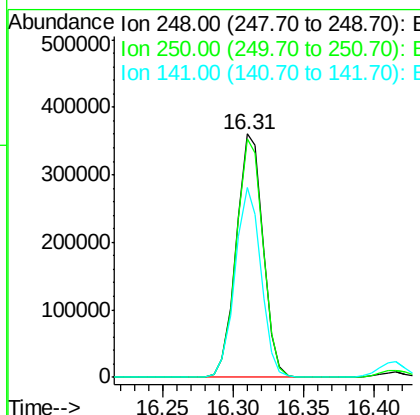
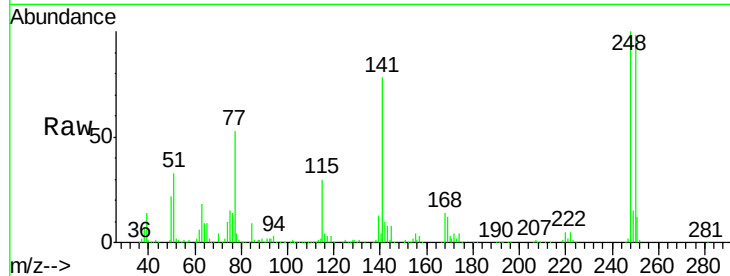




#67
4-Bromophenyl-phenylether
Concen: 50.192 ng
RT: 16.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

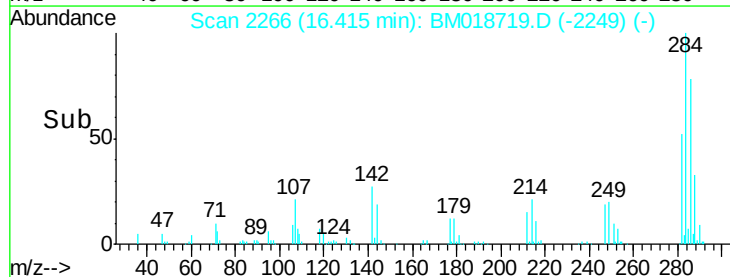
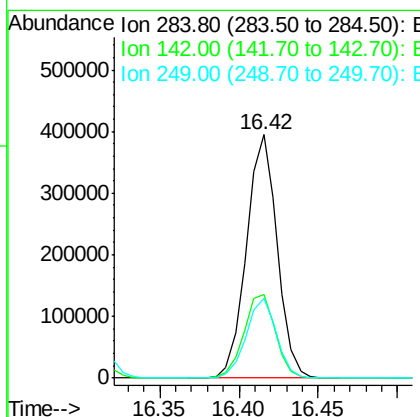
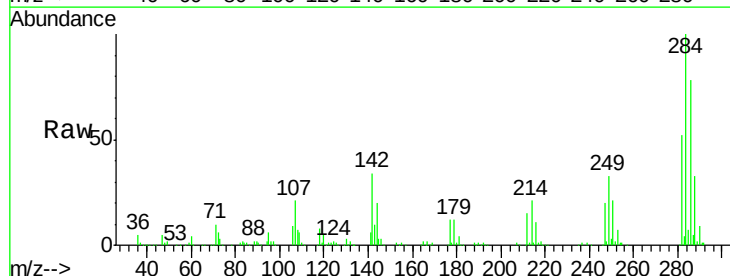
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

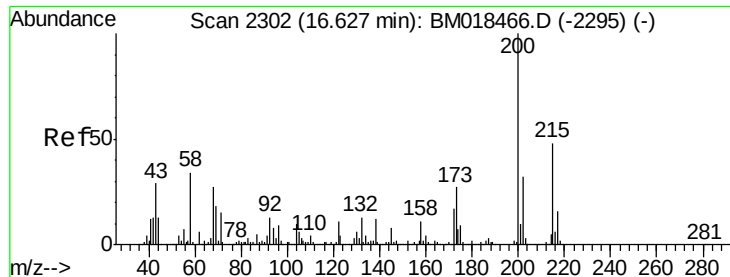
Tgt Ion:248 Resp: 474842
Ion Ratio Lower Upper
248 100
250 97.8 76.0 114.0
141 78.2 61.5 92.3



#68
Hexachlorobenzene
Concen: 49.888 ng
RT: 16.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion:284 Resp: 528363
Ion Ratio Lower Upper
284 100
142 34.4 29.2 43.8
249 32.6 26.1 39.1





#69

Atrazine

Concen: 47.784 ng

RT: 16.59 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

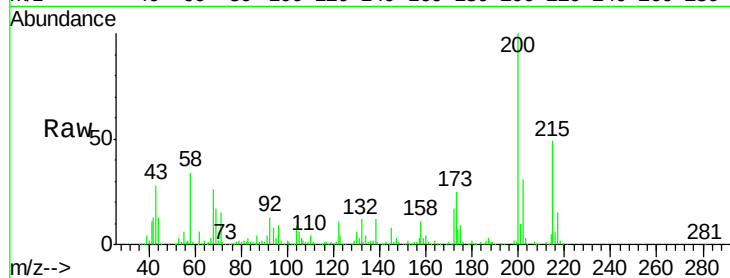
Tgt Ion:200 Resp: 453009

Ion Ratio Lower Upper

200 100

173 25.5 7.2 47.2

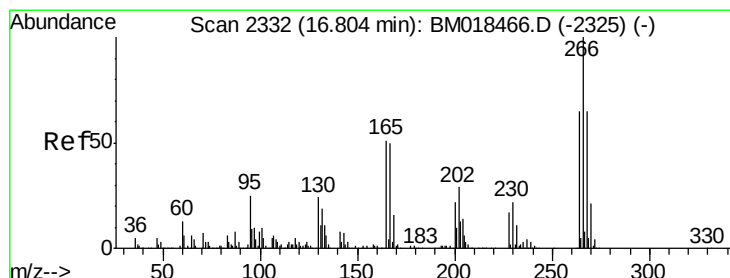
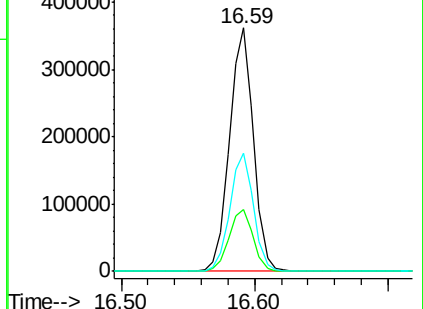
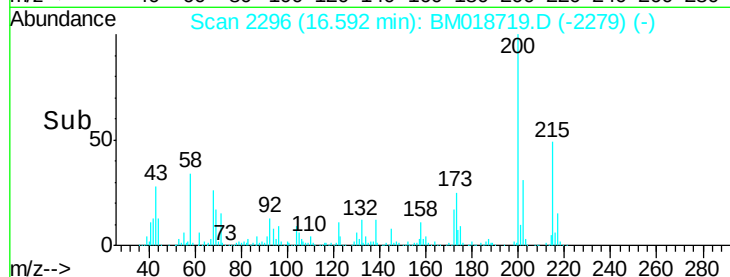
215 48.7 28.3 68.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 88.100 ng

RT: 16.77 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

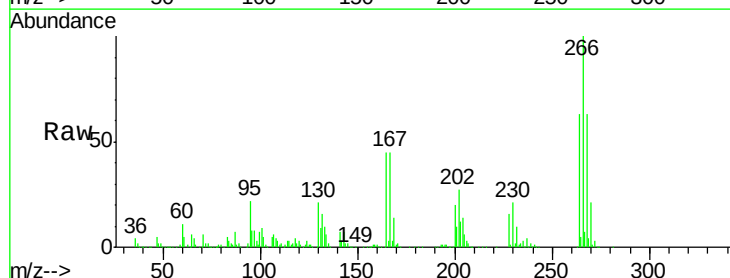
Tgt Ion:266 Resp: 611081

Ion Ratio Lower Upper

266 100

268 62.6 49.8 74.6

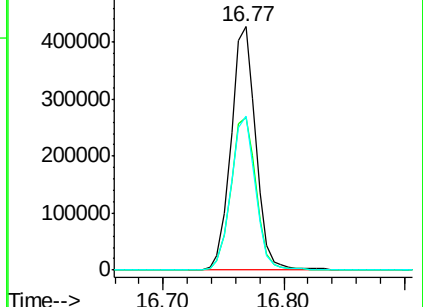
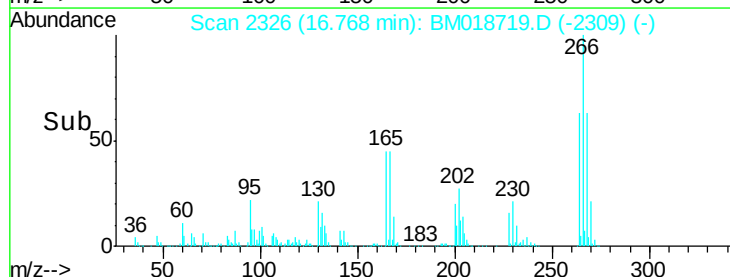
264 63.3 50.1 75.1

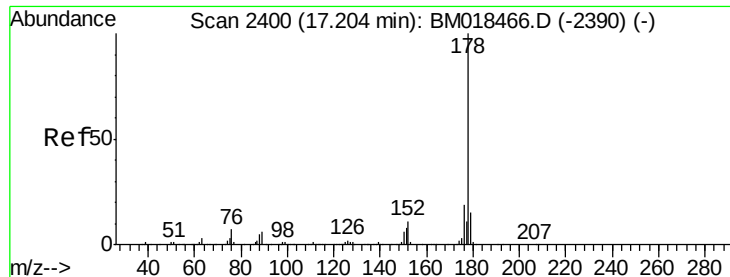


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

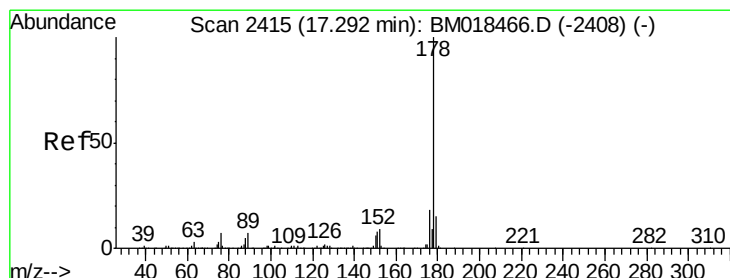
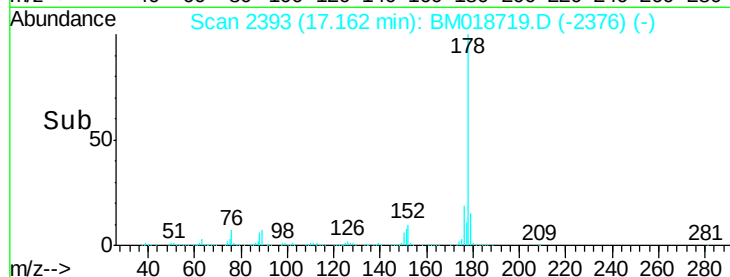
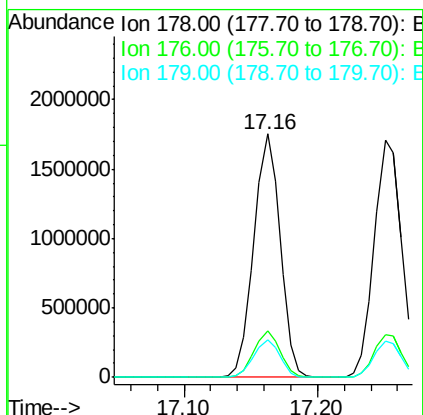
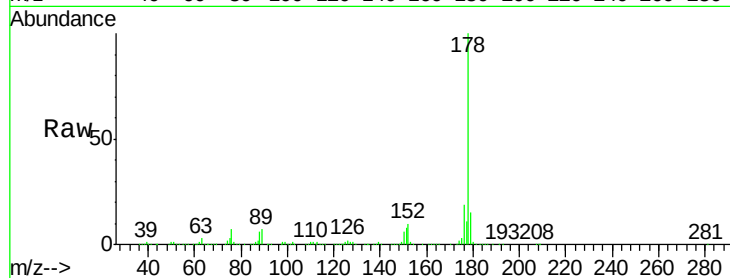




#71
Phenanthrene
Concen: 53.053 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

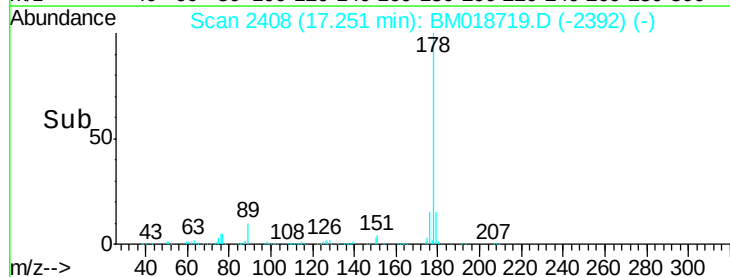
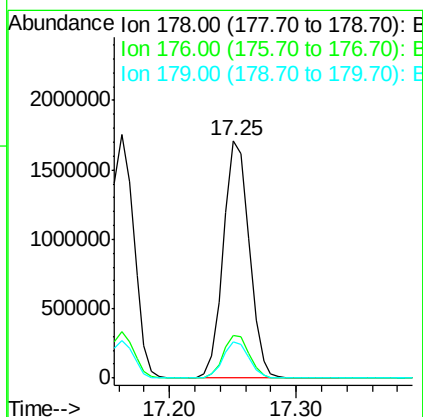
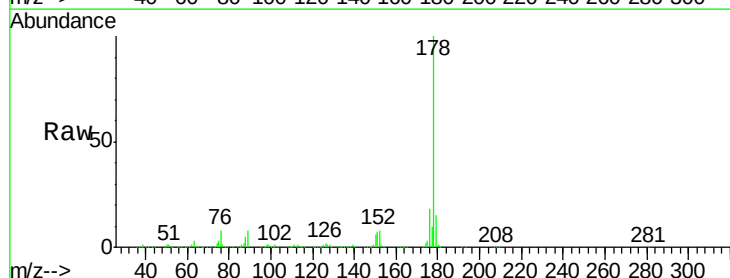
Instrument :
BNA_M
ClientSampleId :
FK-BPM-03-006-ABCDMSD

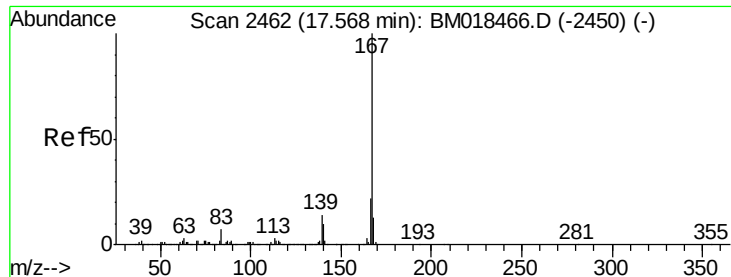
Tgt Ion:178 Resp: 2385626
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.2 12.2 18.4



#72
Anthracene
Concen: 55.885 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion:178 Resp: 2416492
Ion Ratio Lower Upper
178 100
176 18.1 14.7 22.1
179 15.3 12.2 18.4

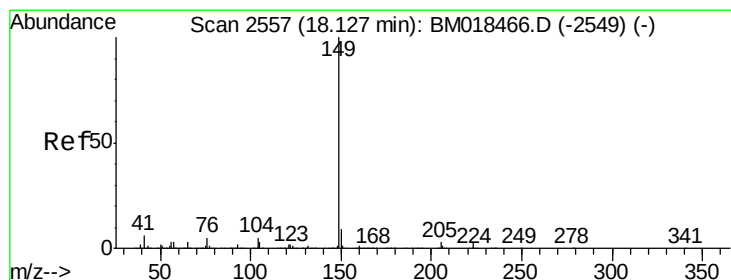
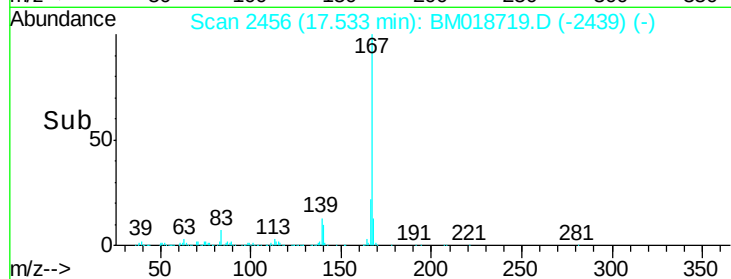
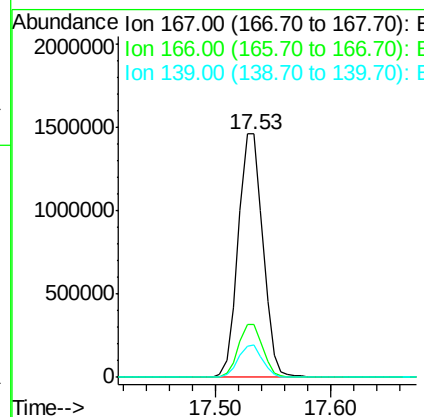
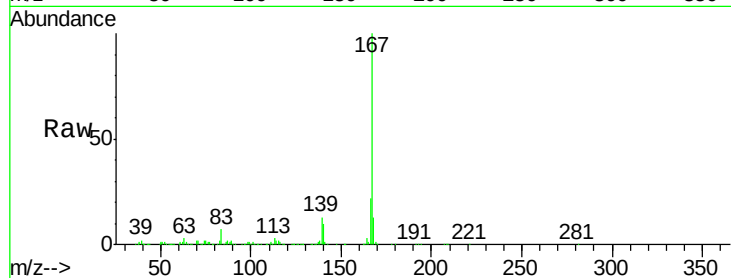




#73
 Carbazole
 Concen: 48.834 ng
 RT: 17.53 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

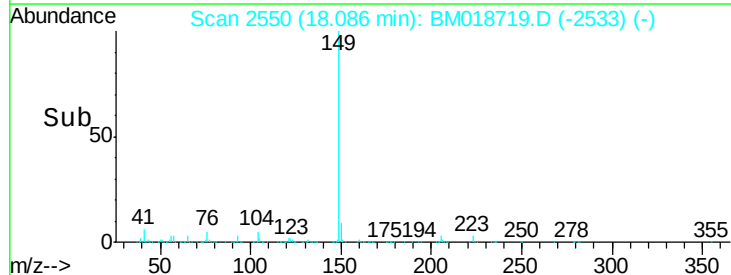
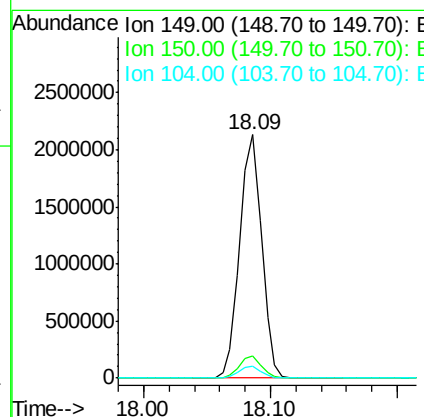
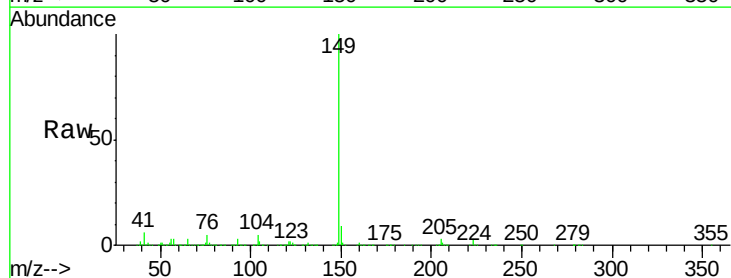
Instrument :
 BNA_M
 ClientSampleId :
 FK-BPM-03-006-ABCDMSD

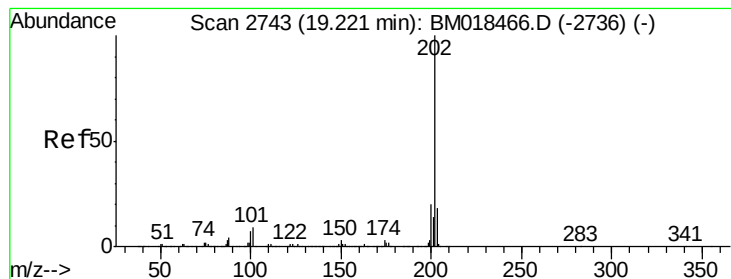
Tgt Ion:167 Resp: 2169433
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.2
 139 13.1 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 52.339 ng
 RT: 18.09 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: BM018719.D
 Acq: 04 Feb 2019 15:23

Tgt Ion:149 Resp: 2546905
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.3 10.9
 104 4.7 4.2 6.4





#75

Fluoranthene

Concen: 51.049 ng

RT: 19.18 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

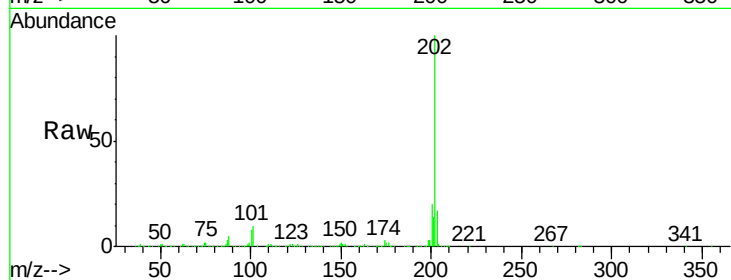
Tgt Ion:202 Resp: 2646555

Ion Ratio Lower Upper

202 100

101 10.3 0.0 30.9

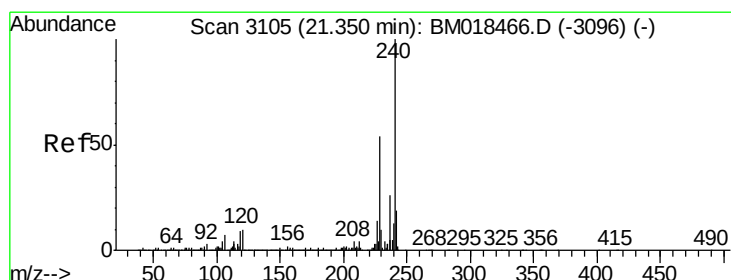
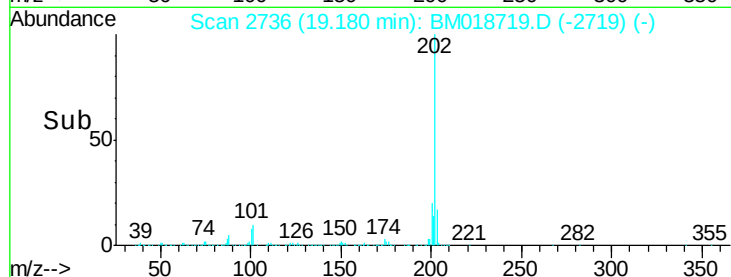
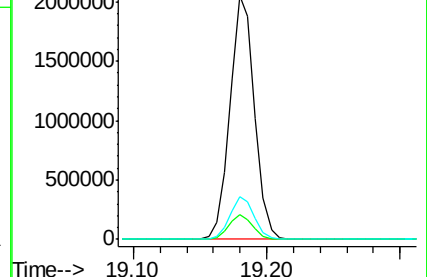
203 17.4 0.0 37.4



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: BM018719.D

Acq: 04 Feb 2019 15:23

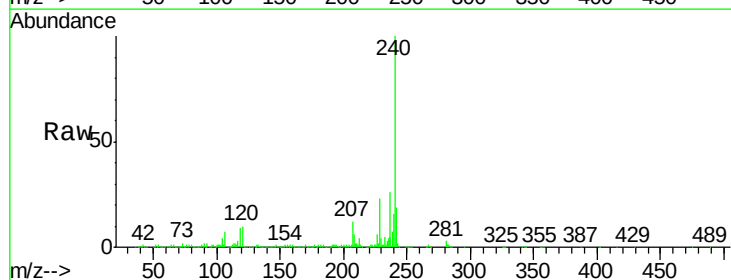
Tgt Ion:240 Resp: 823994

Ion Ratio Lower Upper

240 100

120 9.6 8.4 12.6

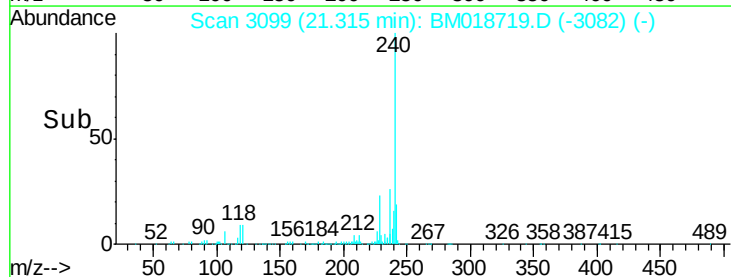
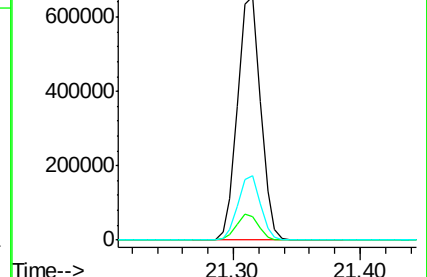
236 26.2 20.7 31.1

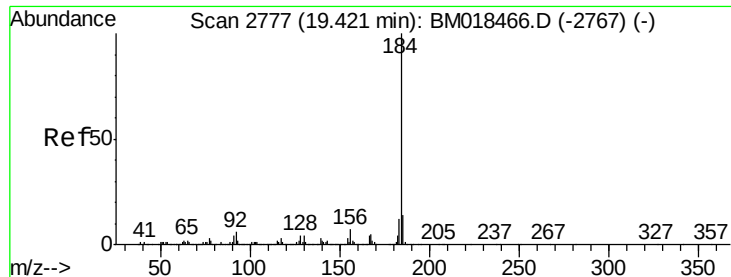


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 26.540 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

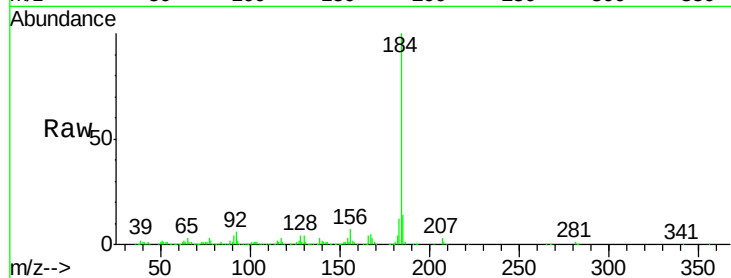
Tgt Ion:184 Resp: 539964

Ion Ratio Lower Upper

184 100

185 13.8 11.4 17.0

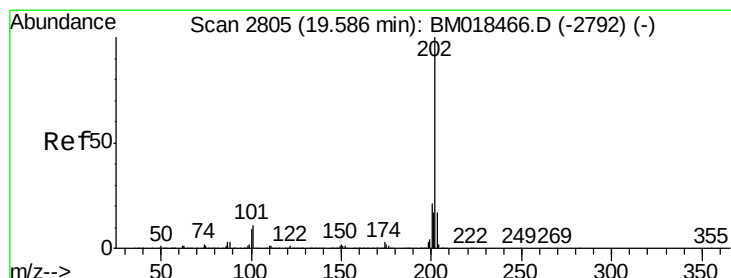
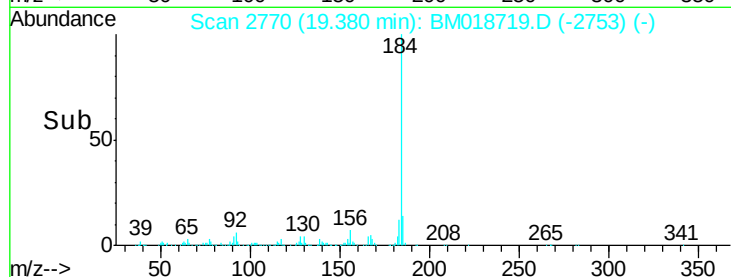
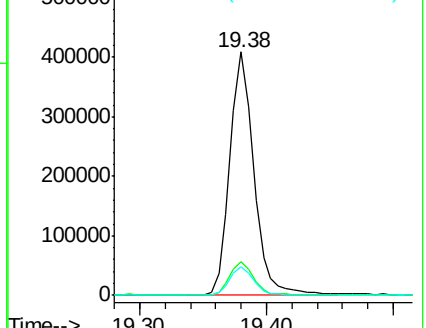
183 11.8 9.5 14.3



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: 56.006 ng

RT: 19.54 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

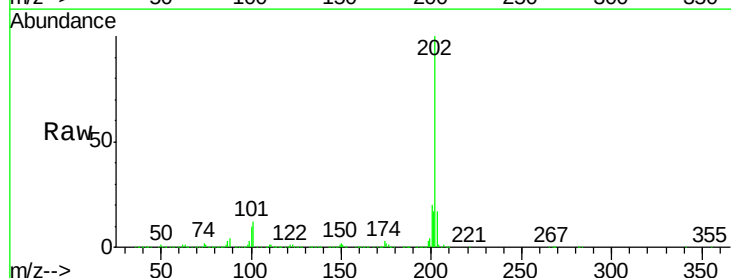
Tgt Ion:202 Resp: 2735470

Ion Ratio Lower Upper

202 100

200 20.5 16.6 24.8

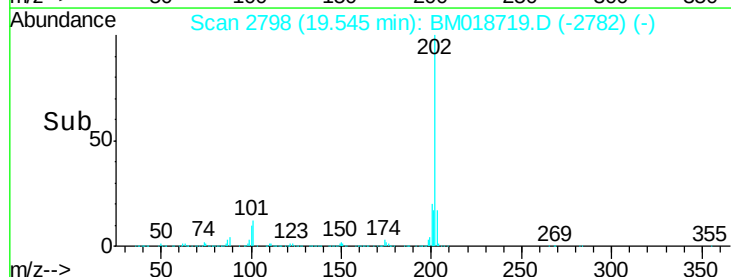
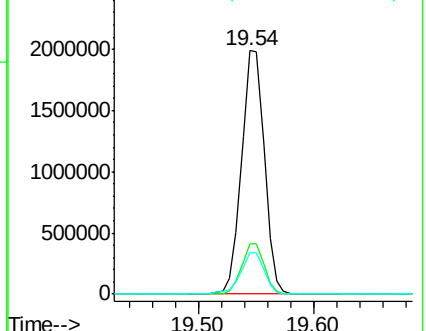
203 17.1 13.8 20.8

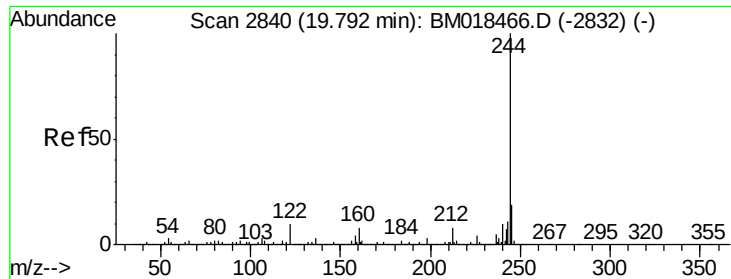


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 77.226 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

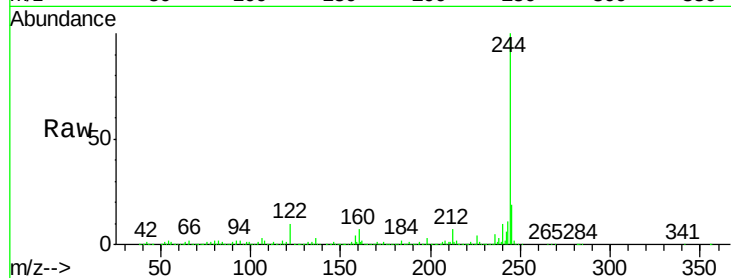
Tgt Ion:244 Resp: 3018617

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

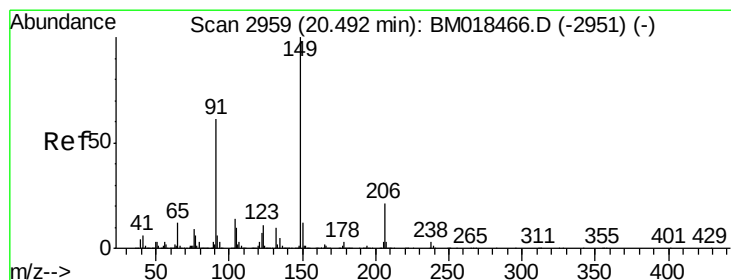
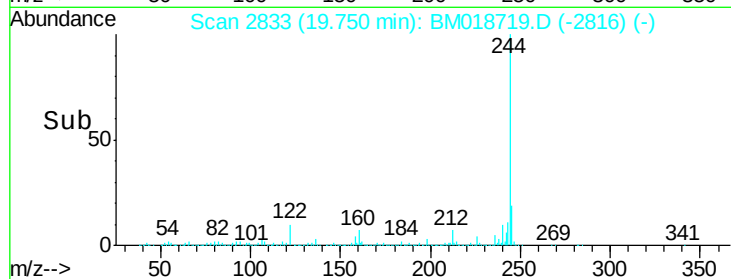
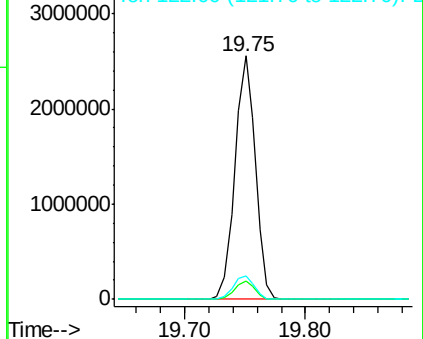
122 9.9 9.0 13.4



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: 54.036 ng

RT: 20.45 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

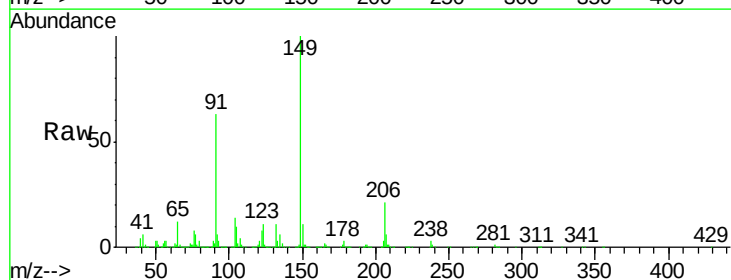
Tgt Ion:149 Resp: 1126193

Ion Ratio Lower Upper

149 100

91 63.4 53.1 79.7

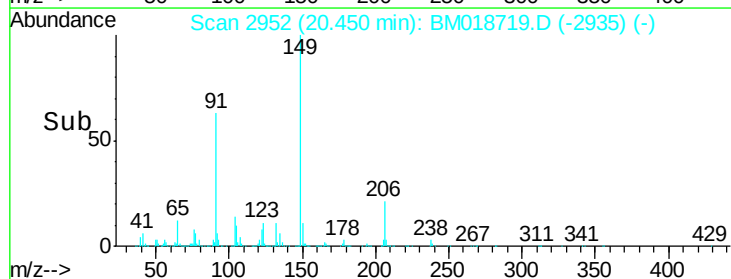
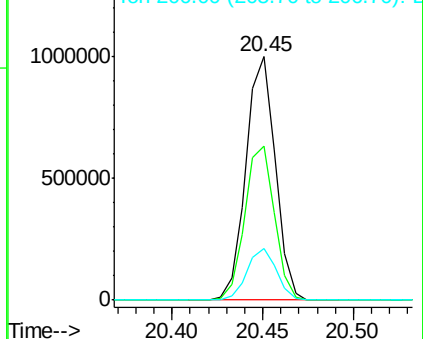
206 21.4 16.2 24.4

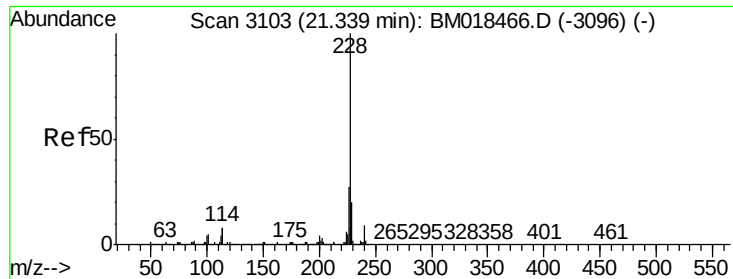


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 53.974 ng

RT: 21.30 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM018719.D

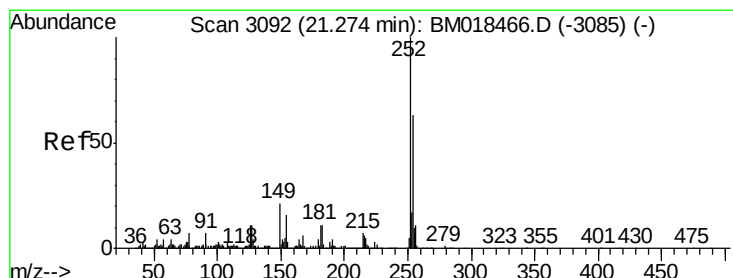
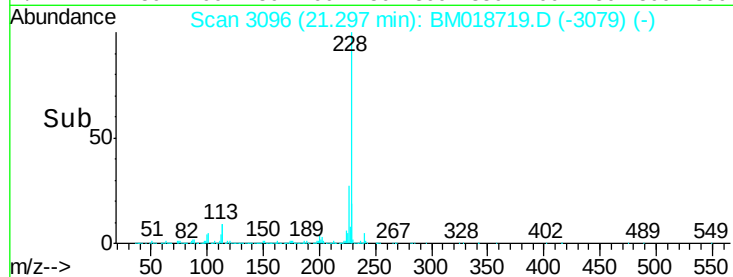
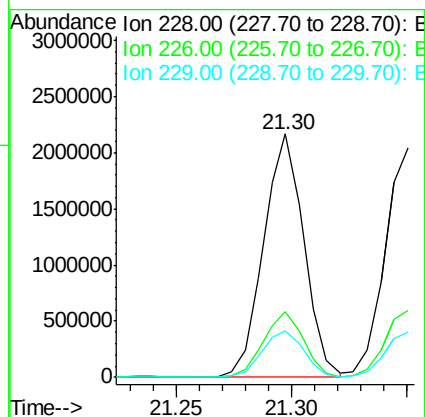
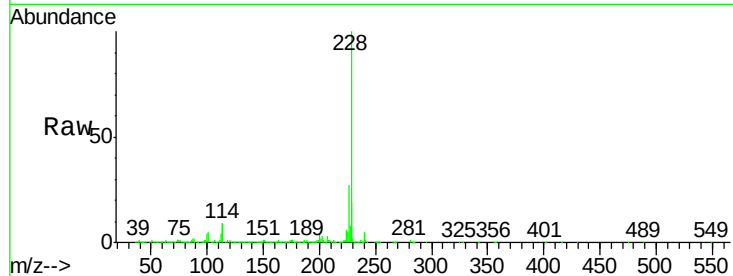
Acq: 04 Feb 2019 15:23

Instrument :
BNA_M

ClientSampleId :
FK-BPM-03-006-ABCDMSD

Tgt Ion:228 Resp: 2620048

Ion	Ratio	Lower	Upper
228	100		
226	26.7	21.8	32.6
229	19.4	15.8	23.8



#82

3,3'-Dichlorobenzidine

Concen: 39.014 ng

RT: 21.24 min Scan# 3086

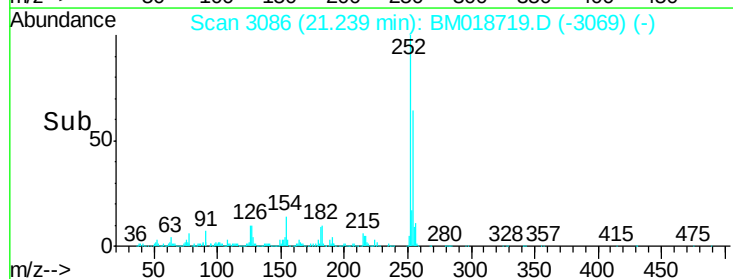
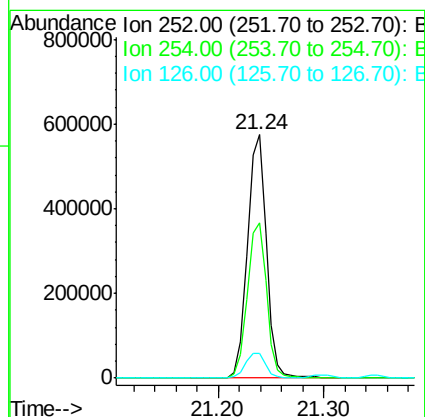
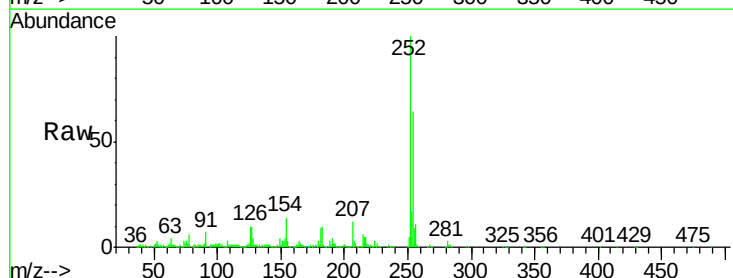
Delta R.T. 0.00 min

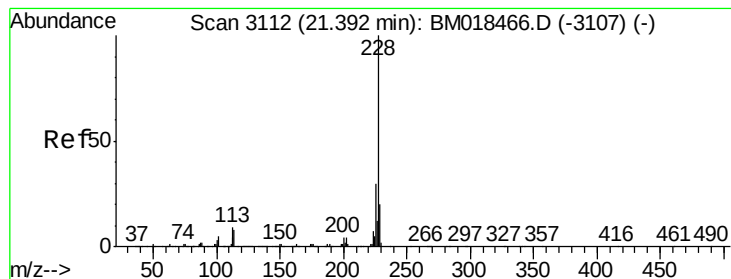
Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Tgt Ion:252 Resp: 716152

Ion	Ratio	Lower	Upper
252	100		
254	63.6	51.4	77.0
126	9.9	8.7	13.1





#83

Chrysene

Concen: 53.137 ng

RT: 21.35 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

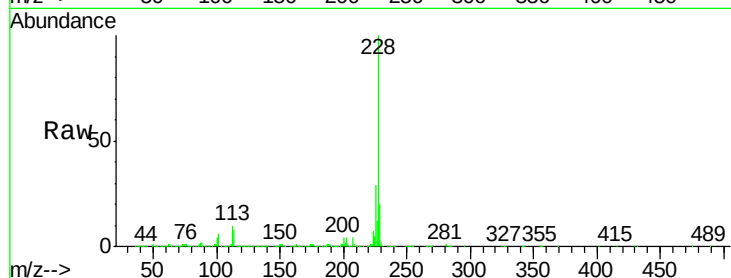
Tgt Ion:228 Resp: 2490840

Ion Ratio Lower Upper

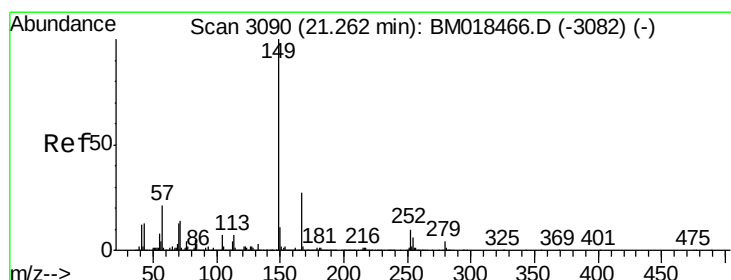
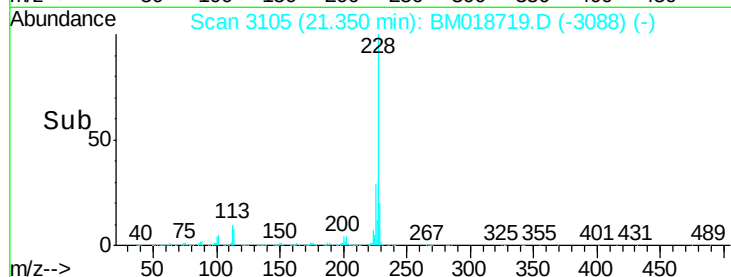
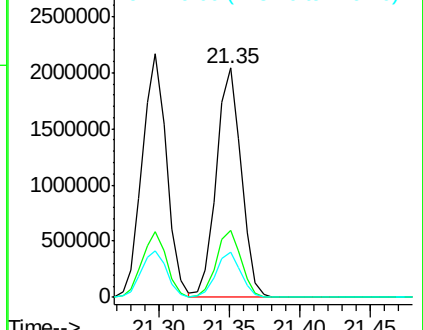
228 100

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: 52.169 ng

RT: 21.22 min Scan# 3082

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

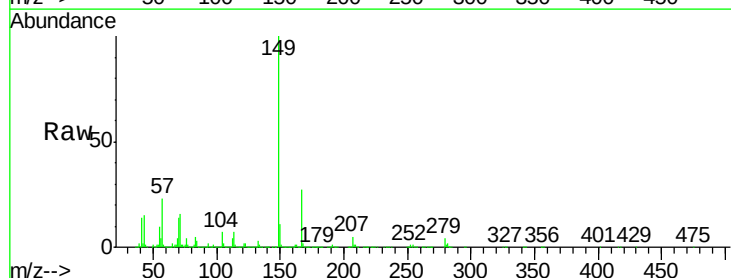
Tgt Ion:149 Resp: 1570026

Ion Ratio Lower Upper

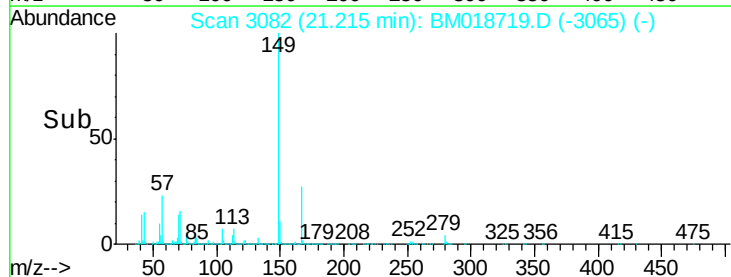
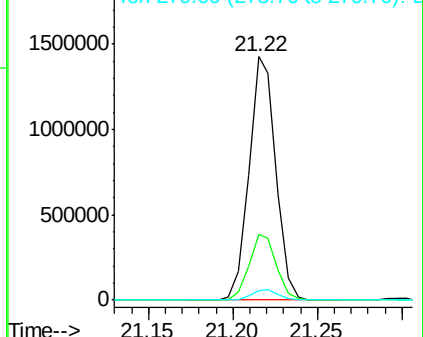
149 100

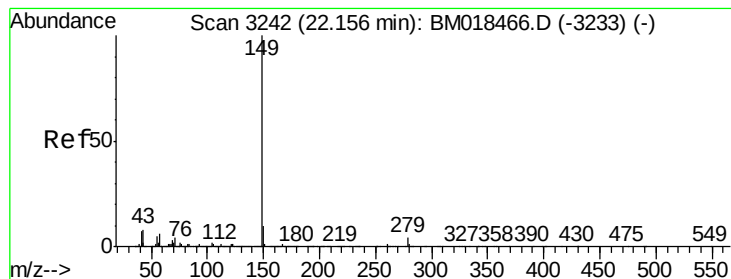
167 27.2 21.6 32.4

279 3.9 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: 53.427 ng

RT: 22.10 min Scan# 3233

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

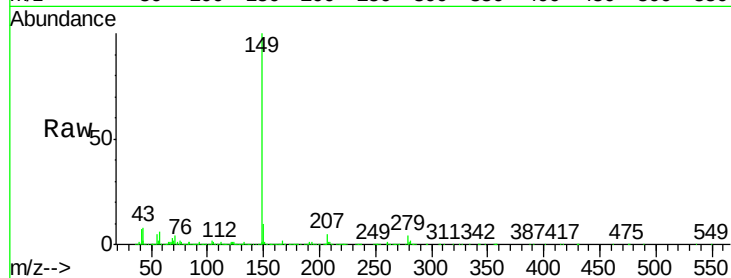
Tgt Ion:149 Resp: 2704330

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

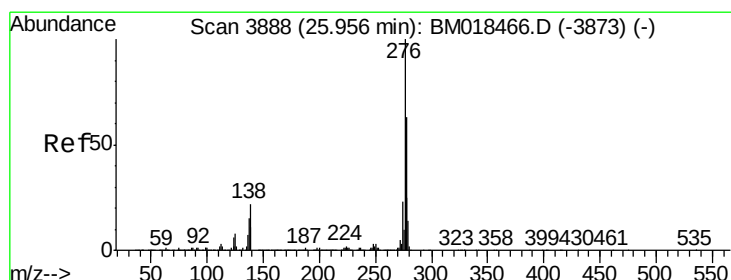
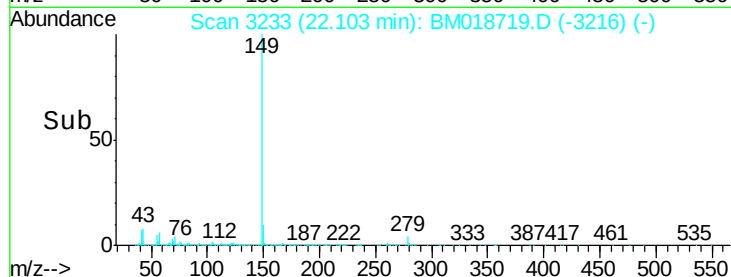
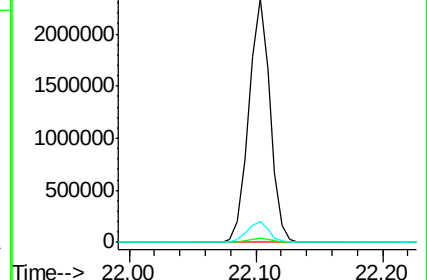
43 8.7 8.6 12.8



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: 63.967 ng

RT: 25.87 min Scan# 3874

Delta R.T. 0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

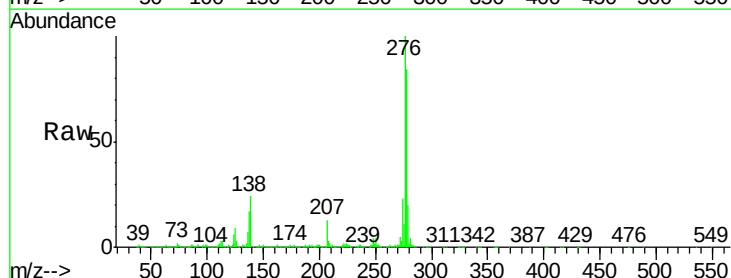
Tgt Ion:276 Resp: 3457571

Ion Ratio Lower Upper

276 100

138 24.7 21.5 32.3

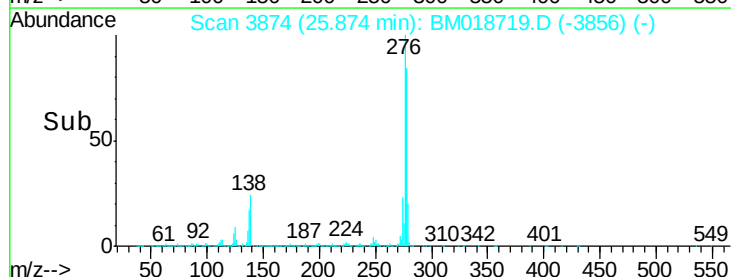
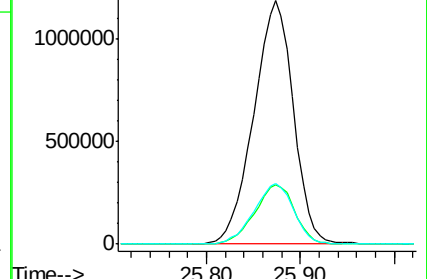
277 25.2 20.2 30.2

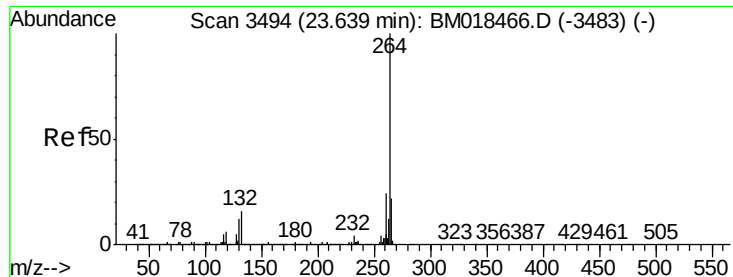


Abundance Ion 276.00 (275.70 to 276.70): E

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: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

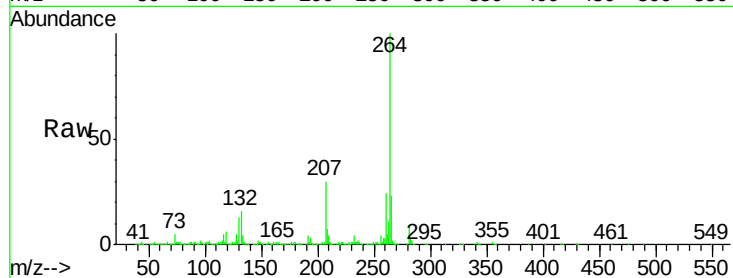
Tgt Ion:264 Resp: 893200

Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

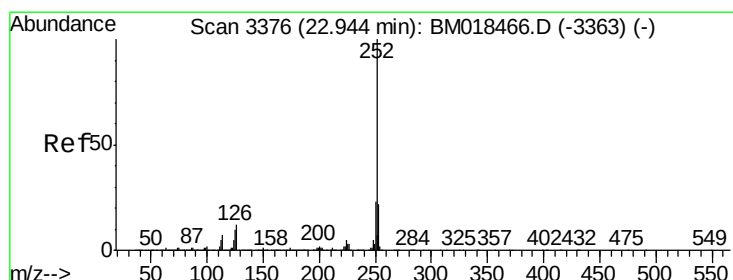
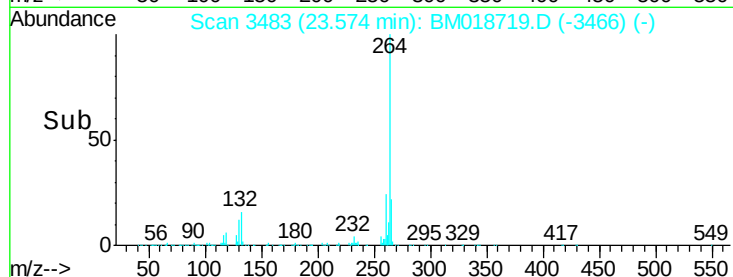
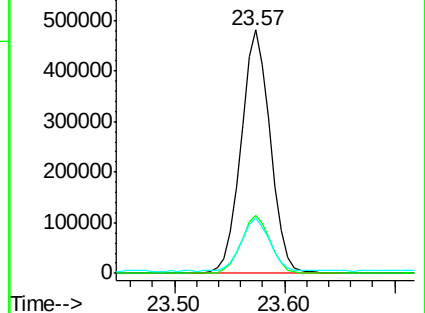
265 23.0 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 53.074 ng

RT: 22.89 min Scan# 3367

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

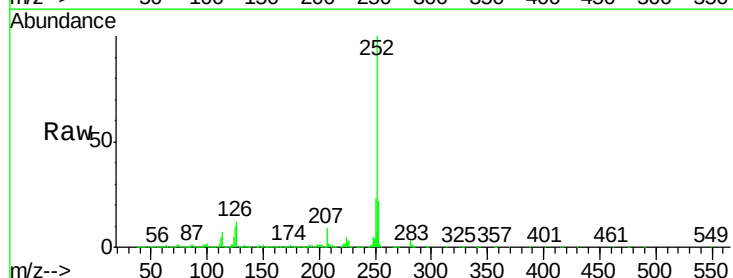
Tgt Ion:252 Resp: 2691319

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

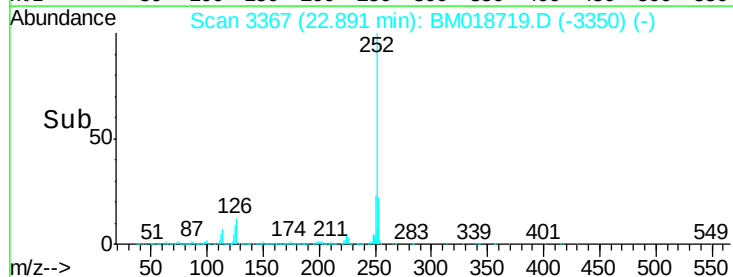
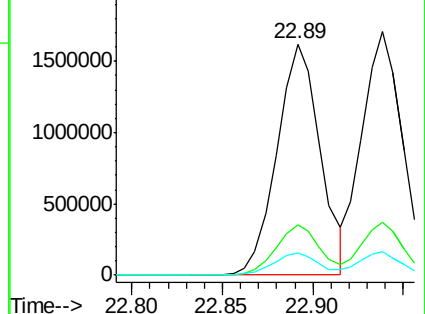
125 9.6 8.5 12.7

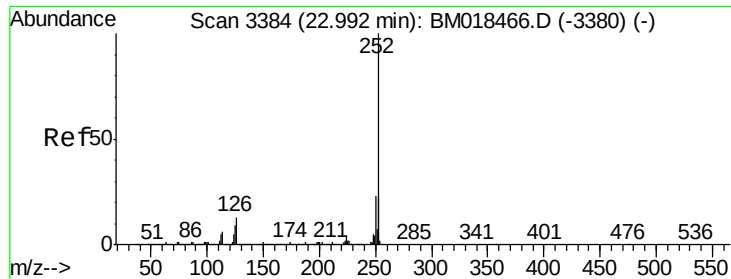


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 51.547 ng

RT: 22.94 min Scan# 3375

Delta R.T. 0.00 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

Instrument :

BNA_M

ClientSampleId :

FK-BPM-03-006-ABCDMSD

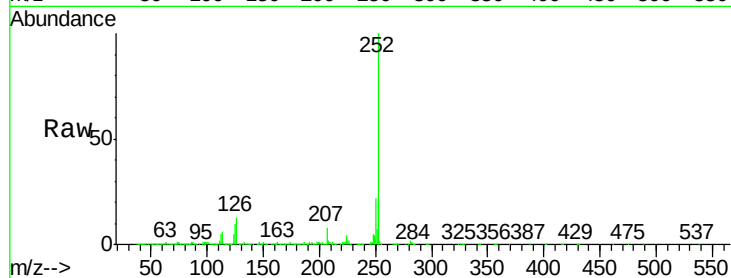
Tgt Ion:252 Resp: 2634241

Ion Ratio Lower Upper

252 100

253 21.6 17.4 26.0

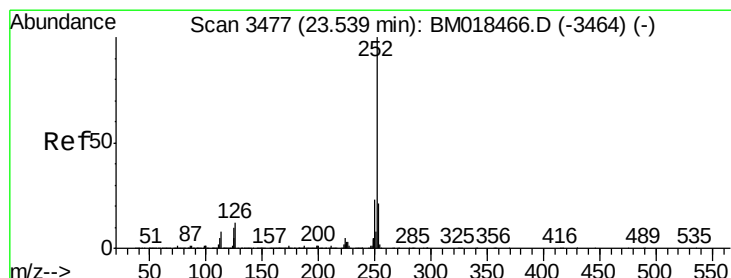
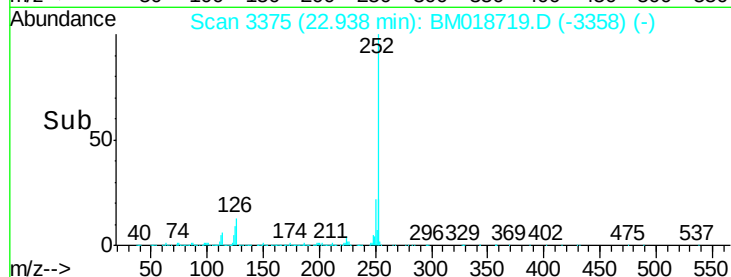
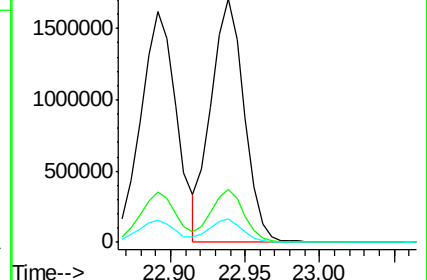
125 9.6 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 55.743 ng

RT: 23.48 min Scan# 3467

Delta R.T. 0.01 min

Lab File: BM018719.D

Acq: 04 Feb 2019 15:23

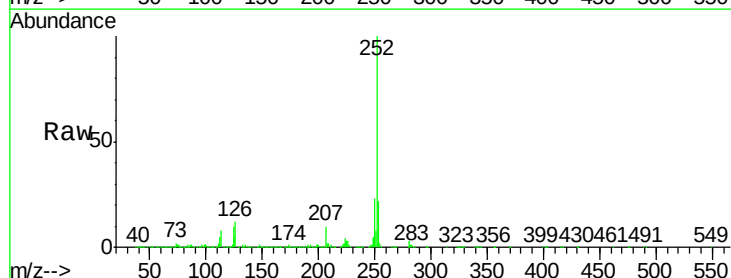
Tgt Ion:252 Resp: 2706110

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

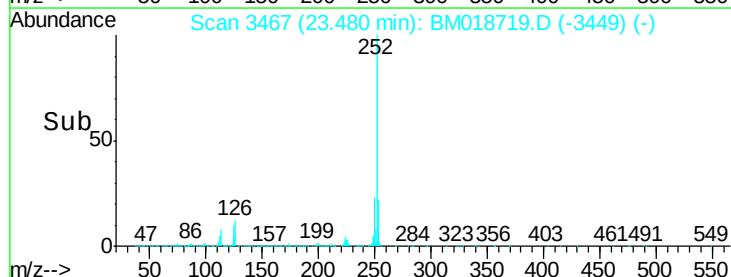
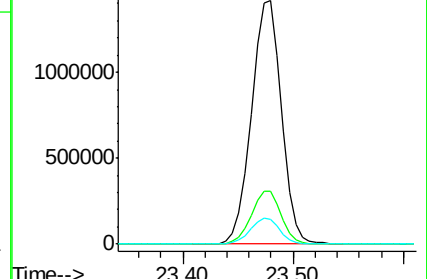
125 10.1 9.7 14.5

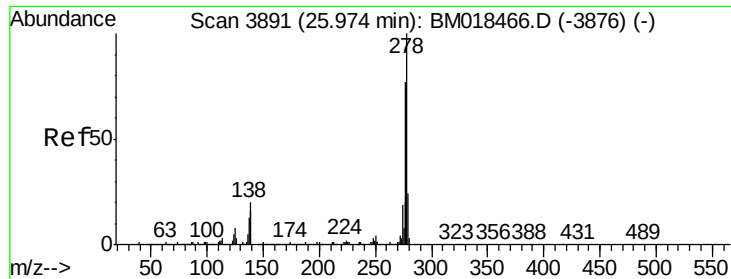


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

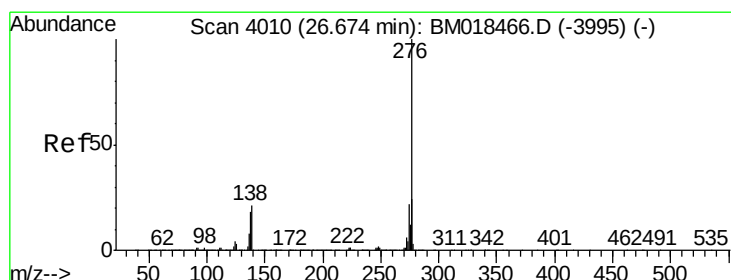
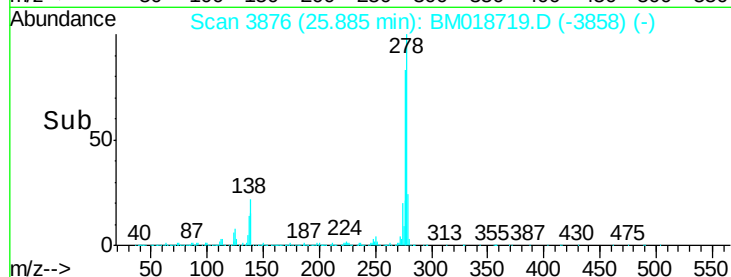
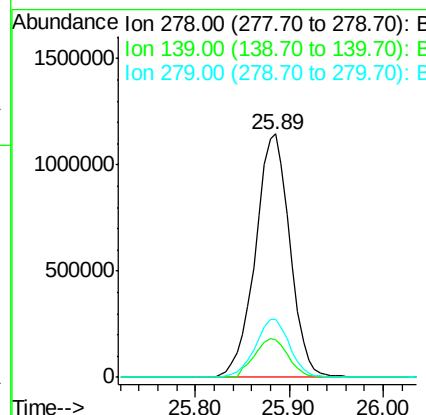
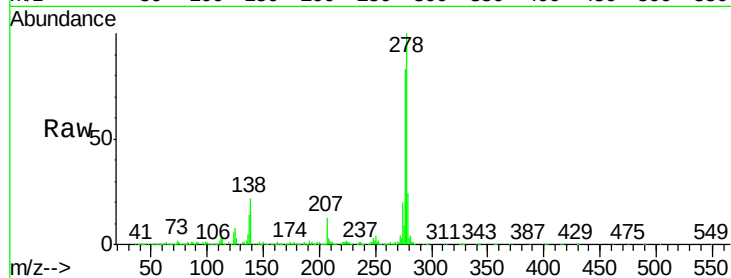




#91
Dibenzo(a,h)anthracene
Concen: 59.199 ng
RT: 25.89 min Scan# 3876
Delta R.T. 0.01 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

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

Tgt Ion:278 Resp: 2911999
Ion Ratio Lower Upper
278 100
139 15.5 13.2 19.8
279 23.7 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 61.107 ng
RT: 26.58 min Scan# 3994
Delta R.T. 0.00 min
Lab File: BM018719.D
Acq: 04 Feb 2019 15:23

Tgt Ion:276 Resp: 2925058
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 20.4 18.1 27.1

