

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020419\
 Data File : BM018721.D
 Acq On : 04 Feb 2019 16:36
 Operator : JU/SJ
 Sample : PB116792BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116792BSD

Quant Time: Feb 04 17:35:29 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	226544	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	842105	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	430655	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	854962	20.00	ng	0.00
76) Chrysene-d12	21.31	240	784095	20.00	ng	0.00
87) Perylene-d12	23.57	264	790798	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1621252	132.14	ng	0.00
7) Phenol-d6	6.89	99	1996423	128.12	ng	0.00
23) Nitrobenzene-d5	8.89	82	1153258	79.39	ng	0.00
42) 2,4,6-Tribromophenol	15.86	330	681899	124.36	ng	0.00
45) 2-Fluorobiphenyl	12.99	172	2680588	81.22	ng	0.00
79) Terphenyl-d14	19.75	244	3358719	90.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	263798	52.755	ng	96
3) Pyridine	3.66	79	510668	40.962	ng	97
4) n-Nitrosodimethylamine	3.58	42	241690	46.882	ng	# 91
6) Aniline	7.06	93	594647	34.209	ng	100
8) 2-Chlorophenol	7.29	128	605116	42.230	ng	97
9) Benzaldehyde	6.87	77	112915	10.282	ng	94
10) Phenol	6.92	94	663014	41.871	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	489048	39.306	ng	97
12) 1,3-Dichlorobenzene	7.60	146	682334	39.985	ng	100
13) 1,4-Dichlorobenzene	7.75	146	700642	40.509	ng	99
14) 1,2-Dichlorobenzene	8.07	146	655136	39.947	ng	98
15) Benzyl Alcohol	7.97	79	454139	40.350	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.25	45	661701	41.615	ng	95
17) 2-Methylphenol	8.16	107	448337	41.711	ng	99
18) Hexachloroethane	8.78	117	245615	39.828	ng	96
19) n-Nitroso-di-n-propylamine	8.53	70	377545	37.230	ng	94
20) 3+4-Methylphenols	8.49	107	595493	40.133	ng	98
22) Acetophenone	8.55	105	784971	37.682	ng	# 97
24) Nitrobenzene	8.93	77	583117	40.798	ng	96
25) Isophorone	9.45	82	978554	44.486	ng	99
26) 2-Nitrophenol	9.63	139	307750	44.530	ng	96
27) 2,4-Dimethylphenol	9.69	122	488245	47.133	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	628647	41.370	ng	99
29) 2,4-Dichlorophenol	10.16	162	518192	42.010	ng	97
30) 1,2,4-Trichlorobenzene	10.37	180	606692	39.626	ng	98
31) Naphthalene	10.56	128	1750747	43.169	ng	100
32) Benzoic acid	9.82	122	298861	43.547	ng	99
33) 4-Chloroaniline	10.69	127	270375	16.928	ng	98
34) Hexachlorobutadiene	10.82	225	364830	37.718	ng	97
35) Caprolactam	11.49	113	125139	29.839	ng	87
36) 4-Chloro-3-methylphenol	11.80	107	496558	38.371	ng	99
37) 2-Methylnaphthalene	12.17	142	1232472	43.012	ng	99
38) 1-Methylnaphthalene	12.40	142	1155712	41.685	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	628463	41.731	ng	99

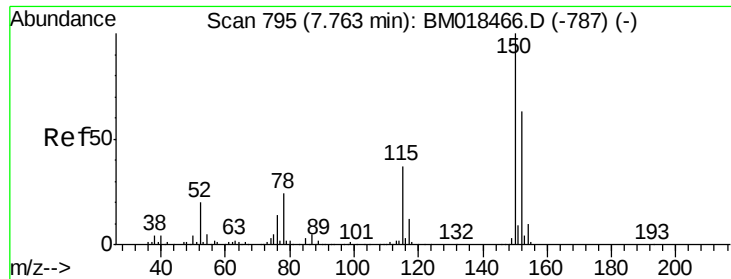
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020419\
 Data File : BM018721.D
 Acq On : 04 Feb 2019 16:36
 Operator : JU/SJ
 Sample : PB116792BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116792BSD

Quant Time: Feb 04 17:35:29 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)
41) Hexachlorocyclopentadiene	12.51	237	793869	96.049	ng	98
43) 2,4,6-Trichlorophenol	12.79	196	397139	43.426	ng	98
44) 2,4,5-Trichlorophenol	12.86	196	416517	43.306	ng	99
46) 1,1'-Biphenyl	13.20	154	1501226	39.923	ng	98
47) 2-Chloronaphthalene	13.24	162	1165890	39.983	ng	99
48) 2-Nitroaniline	13.46	65	284293	39.629	ng	91
49) Acenaphthylene	14.09	152	1823394	42.909	ng	99
50) Dimethylphthalate	13.83	163	1354919	38.309	ng	99
51) 2,6-Dinitrotoluene	13.96	165	293348	39.155	ng	95
52) Acenaphthene	14.43	154	1045024	40.192	ng	98
53) 3-Nitroaniline	14.29	138	180232	23.862	ng	99
54) 2,4-Dinitrophenol	14.50	184	302161	74.997	ng	89
55) Dibenzofuran	14.77	168	1667941	38.825	ng	100
56) 4-Nitrophenol	14.60	139	473624	72.585	ng	96
57) 2,4-Dinitrotoluene	14.74	165	397610	37.510	ng	100
58) Fluorene	15.42	166	1312095	41.000	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	360958	42.340	ng	96
60) Diethylphthalate	15.20	149	1330413	37.261	ng	99
61) 4-Chlorophenyl-phenylether	15.42	204	678014	36.759	ng	98
62) 4-Nitroaniline	15.46	138	259446	31.492	ng	95
63) Azobenzene	15.71	77	1100694	37.810	ng	96
65) 4,6-Dinitro-2-methylphenol	15.51	198	202485	38.375	ng	85
66) n-Nitrosodiphenylamine	15.63	169	1123855	42.377	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	391725	40.943	ng	99
68) Hexachlorobenzene	16.42	284	429893	40.137	ng	99
69) Atrazine	16.59	200	383419	39.991	ng	99
70) Pentachlorophenol	16.77	266	519757	74.096	ng	98
71) Phenanthrene	17.16	178	1937202	42.599	ng	100
72) Anthracene	17.25	178	1951941	44.637	ng	99
73) Carbazole	17.53	167	1709273	38.045	ng	100
74) Di-n-butylphthalate	18.09	149	2051203	41.681	ng	99
75) Fluoranthene	19.18	202	2116221	40.363	ng	98
77) Benzidine	19.38	184	860965	44.470	ng	100
78) Pyrene	19.54	202	2151129	46.284	ng	99
80) Butylbenzylphthalate	20.45	149	880297	44.387	ng	94
81) Benzo(a)anthracene	21.30	228	2009258	43.498	ng	100
82) 3,3'-Dichlorobenzidine	21.24	252	557940	31.942	ng	99
83) Chrysene	21.35	228	1910507	42.831	ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1220967	42.635	ng	98
85) Di-n-octyl phthalate	22.10	149	2058876	42.745	ng	95
86) Indeno(1,2,3-cd)pyrene	25.87	276	2456911	47.767	ng	98
88) Benzo(b)fluoranthene	22.89	252	1987034	44.259	ng	99
89) Benzo(k)fluoranthene	22.94	252	1904601	42.096	ng	98
90) Benzo(a)pyrene	23.47	252	1932338	44.958	ng	99
91) Dibenzo(a,h)anthracene	25.88	278	2068752	47.503	ng	99
92) Benzo(g,h,i)perylene	26.57	276	2071874	48.888	ng	98

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

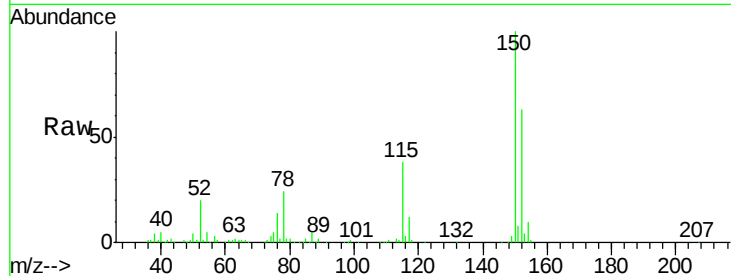


#1

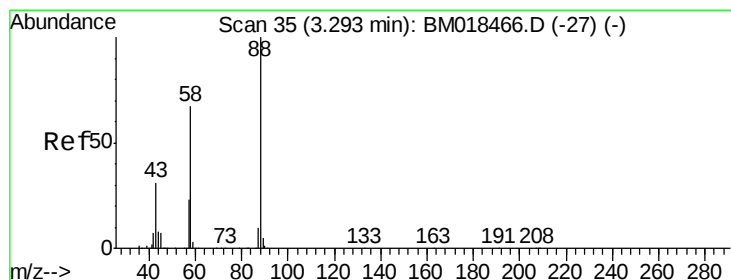
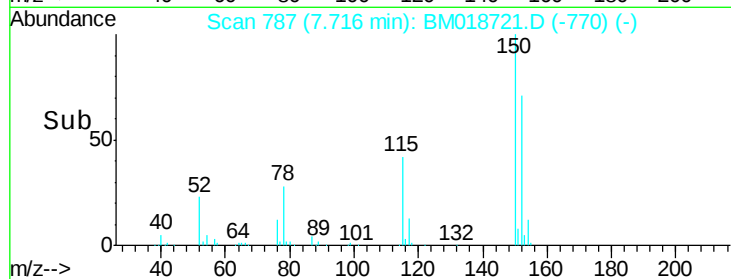
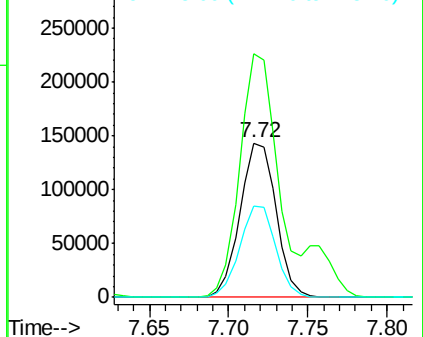
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB116792BSD

Tgt Ion:152 Resp: 226544
Ion Ratio Lower Upper
152 100
150 157.6 126.9 190.3
115 59.3 45.5 68.3



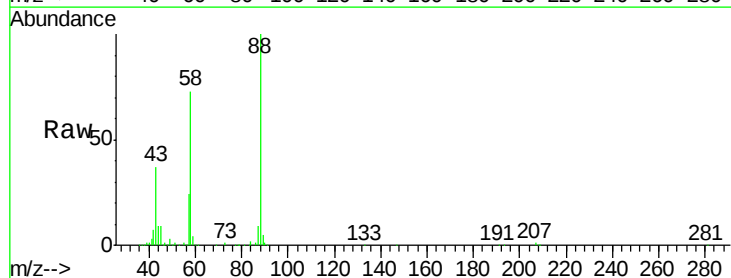
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



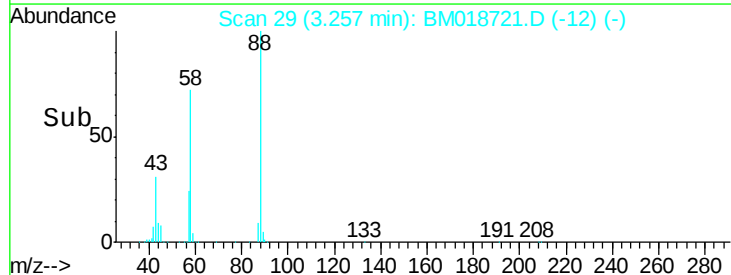
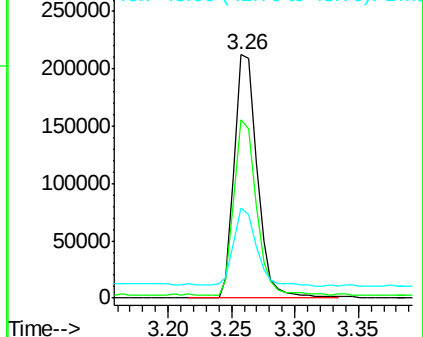
#2

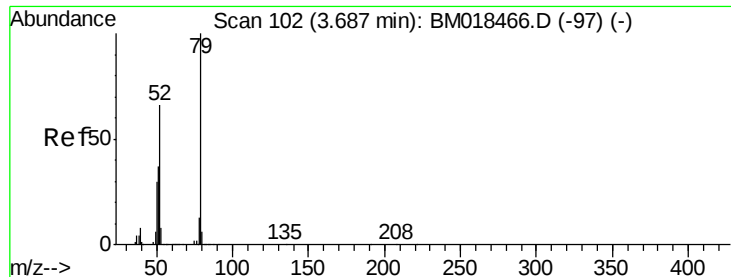
1,4-Dioxane
Concen: 52.755 ng
RT: 3.26 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Tgt Ion: 88 Resp: 263798
Ion Ratio Lower Upper
88 100
58 69.5 58.4 87.6
43 31.4 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: 40.962 ng

RT: 3.66 min Scan# 97

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

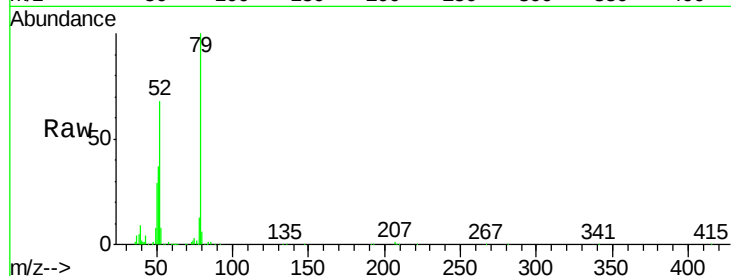
Tgt Ion: 79 Resp: 510668

Ion Ratio Lower Upper

79 100

52 68.2 56.4 84.6

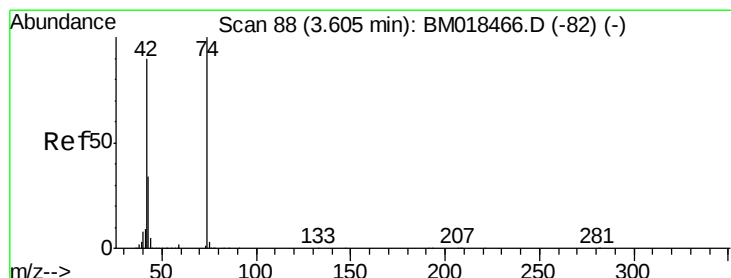
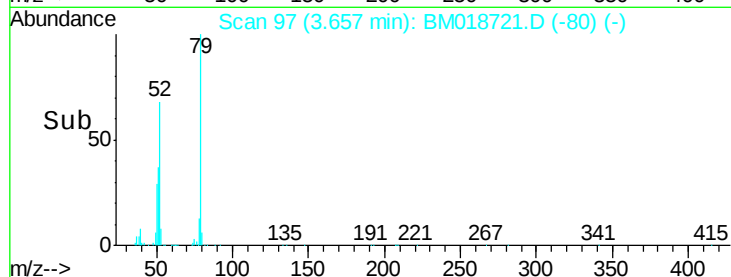
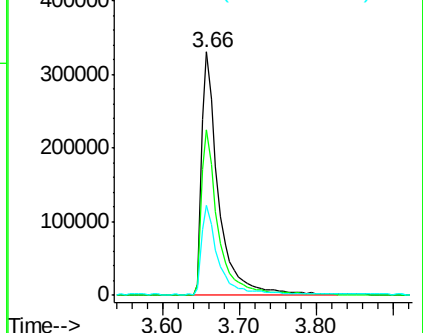
51 37.1 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018721.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM018721.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM018721.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 46.882 ng

RT: 3.58 min Scan# 83

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

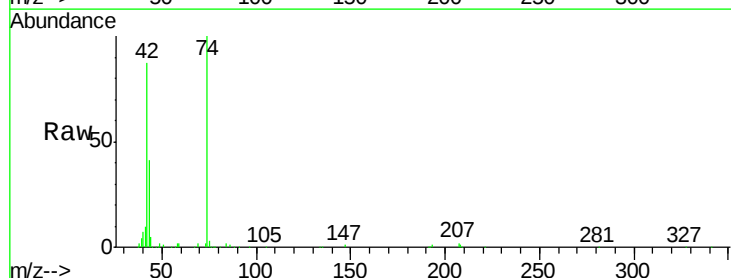
Tgt Ion: 42 Resp: 241690

Ion Ratio Lower Upper

42 100

74 115.3 88.6 132.8

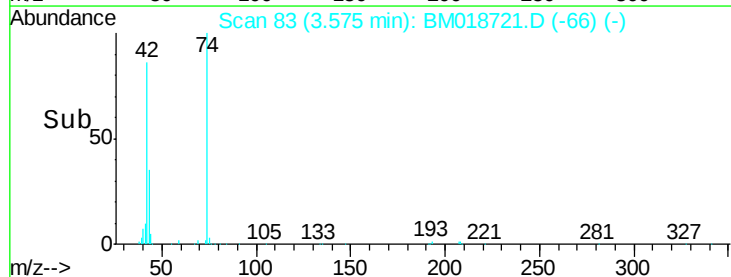
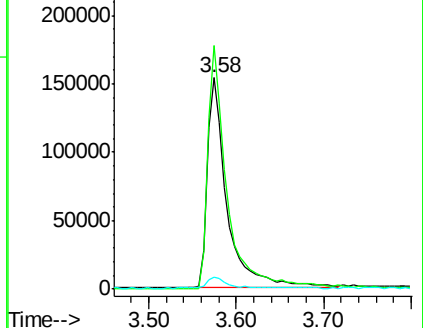
44 5.8 16.9 25.3

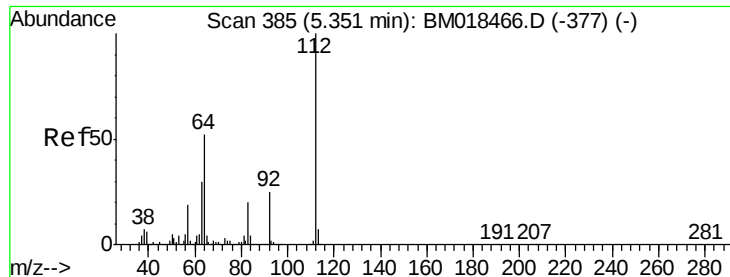


Abundance Ion 42.00 (41.70 to 42.70): BM018721.D (-82) (-)

Ion 74.00 (73.70 to 74.70): BM018721.D (-82) (-)

Ion 44.00 (43.70 to 44.70): BM018721.D (-82) (-)





#5

2-Fluorophenol

Concen: 132.143 ng

RT: 5.31 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

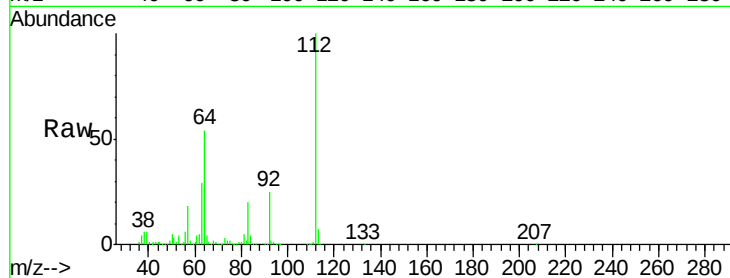
Tgt Ion: 112 Resp: 1621252

Ion Ratio Lower Upper

112 100

64 54.2 46.5 69.7

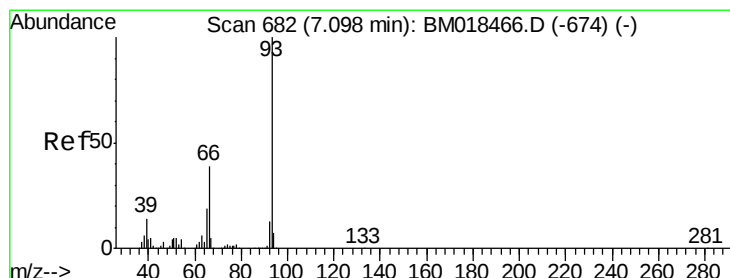
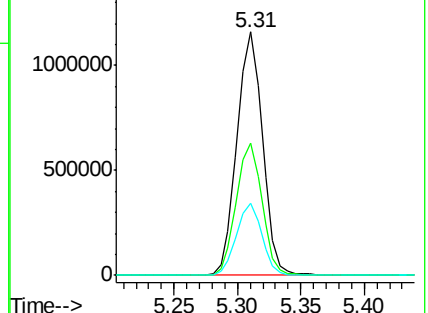
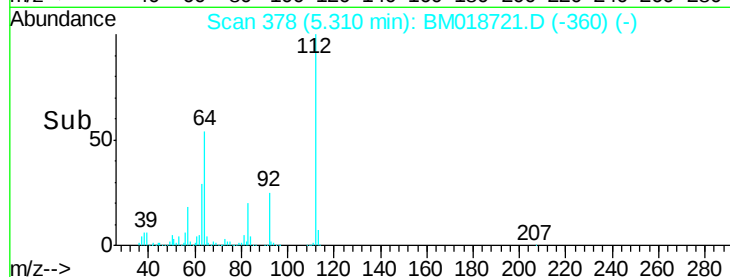
63 29.4 25.2 37.8



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: 34.209 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

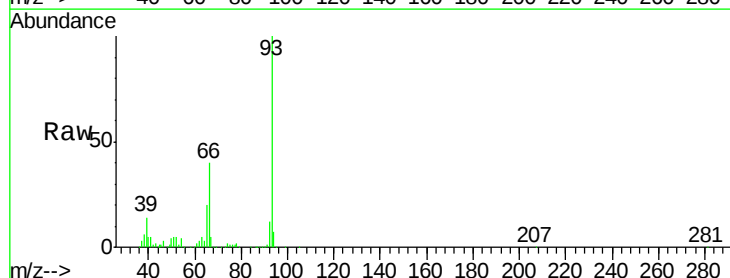
Tgt Ion: 93 Resp: 594647

Ion Ratio Lower Upper

93 100

66 39.6 31.7 47.5

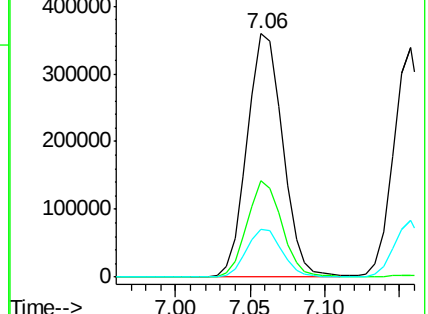
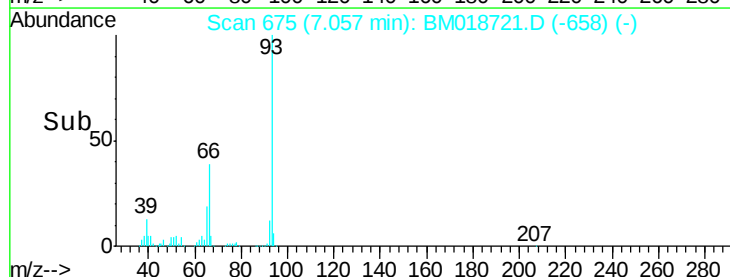
65 19.6 15.9 23.9

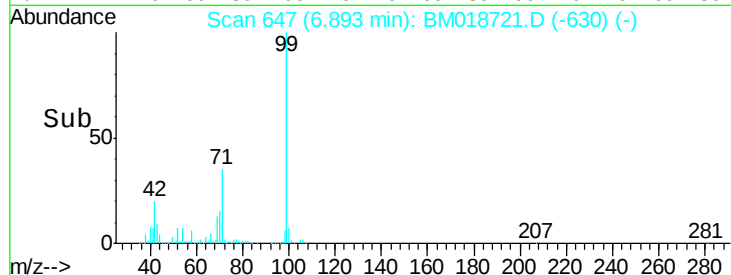
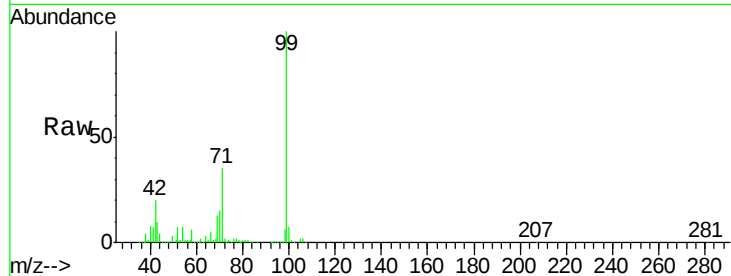
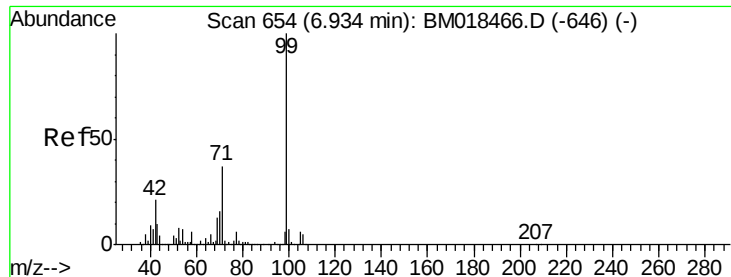


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 128.116 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

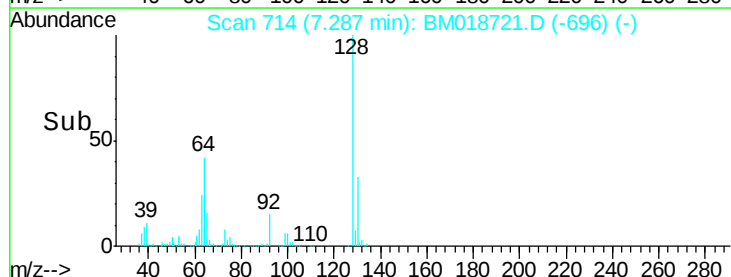
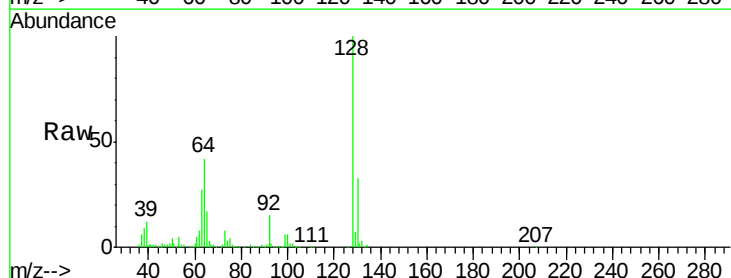
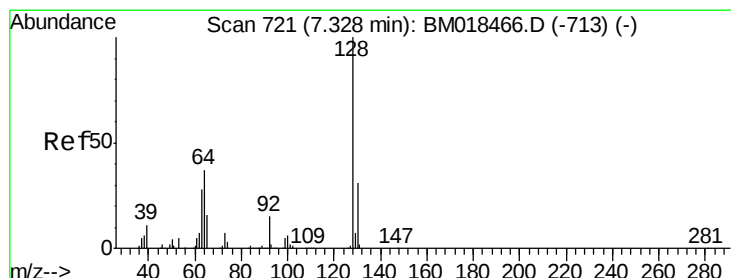
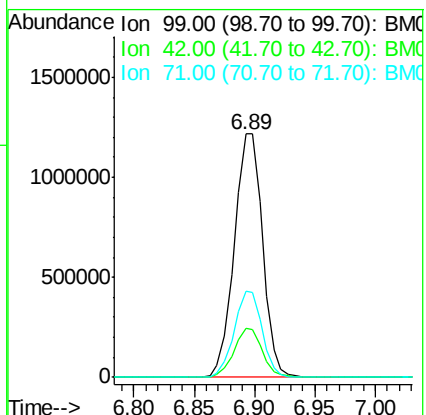
Tgt Ion: 99 Resp: 1996423

Ion Ratio Lower Upper

99 100

42 20.2 17.3 25.9

71 35.4 28.0 42.0



#8

2-Chlorophenol

Concen: 42.230 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

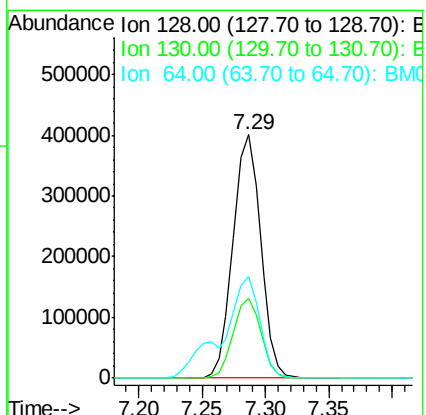
Tgt Ion: 128 Resp: 605116

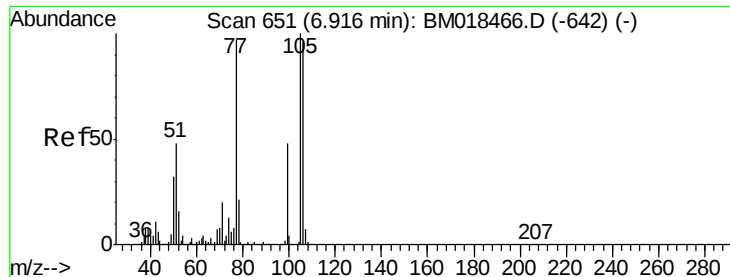
Ion Ratio Lower Upper

128 100

130 32.6 13.6 53.6

64 41.8 24.8 64.8





#9

Benzaldehyde

Concen: 10.282 ng

RT: 6.87 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

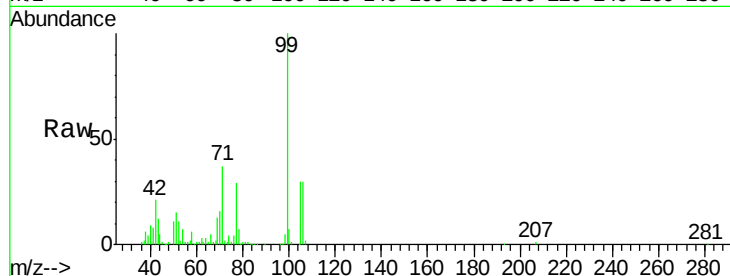
Tgt Ion: 77 Resp: 112915

Ion Ratio Lower Upper

77 100

105 103.6 79.7 119.7

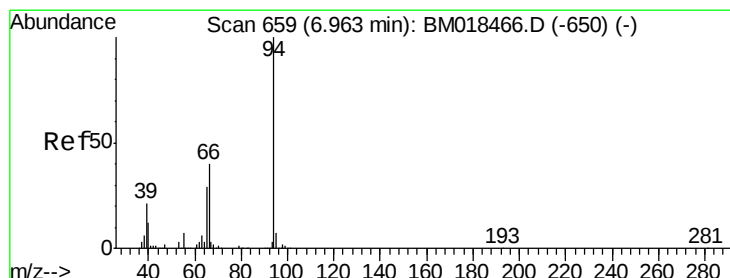
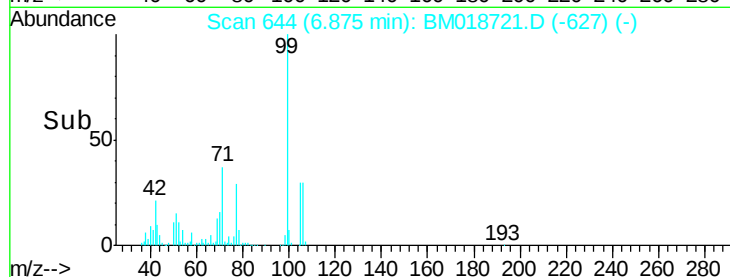
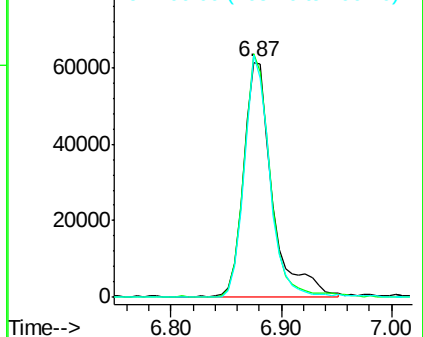
106 102.9 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018721.D (-627) (-)

Ion 105.00 (104.70 to 105.70): BM018721.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM018721.D (-627) (-)



#10

Phenol

Concen: 41.871 ng

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

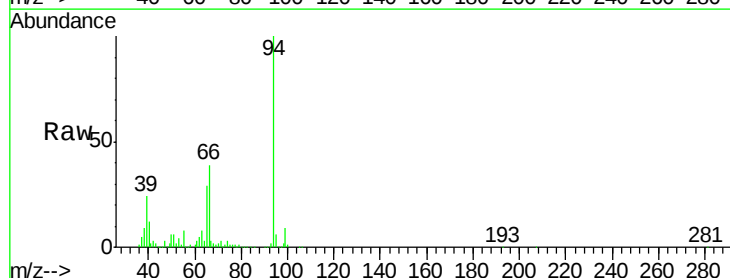
Tgt Ion: 94 Resp: 663014

Ion Ratio Lower Upper

94 100

65 28.5 9.4 49.4

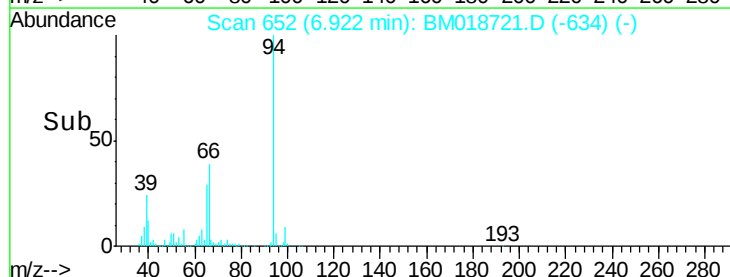
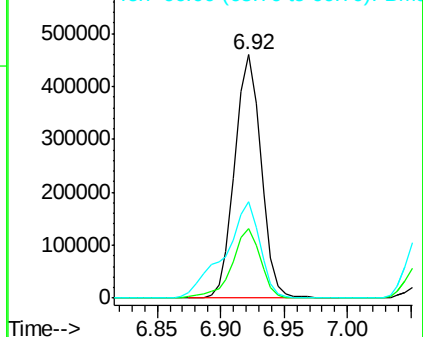
66 39.4 19.1 59.1

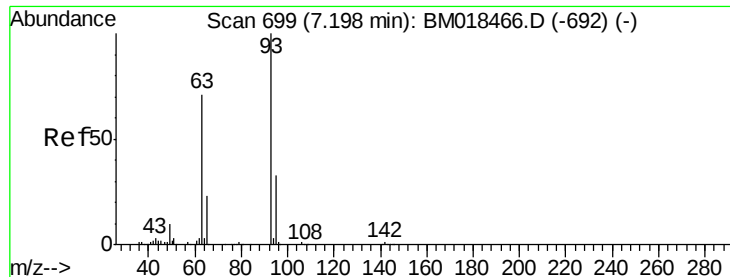


Abundance Ion 94.00 (93.70 to 94.70): BM018721.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018721.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018721.D (-634) (-)

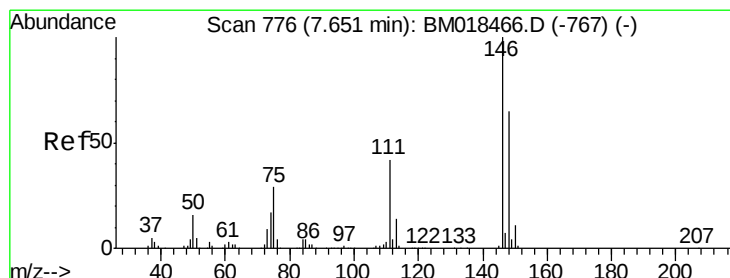
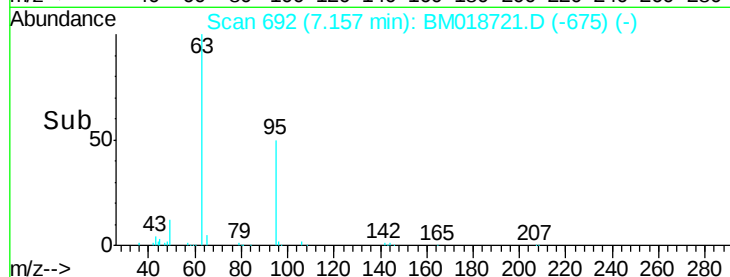
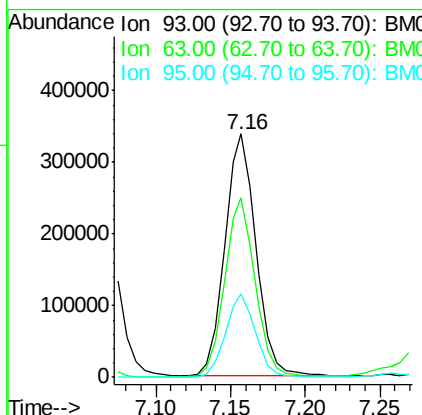
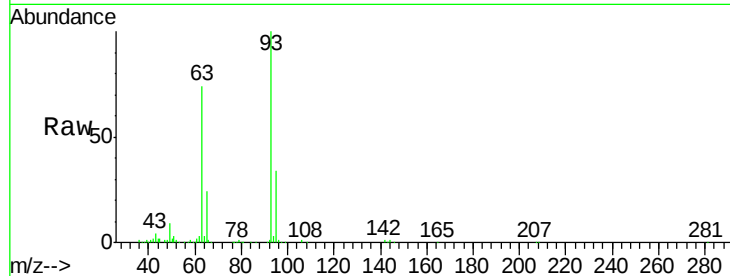




#11
bis(2-Chloroethyl)ether
Concen: 39.306 ng
RT: 7.16 min Scan# 692
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

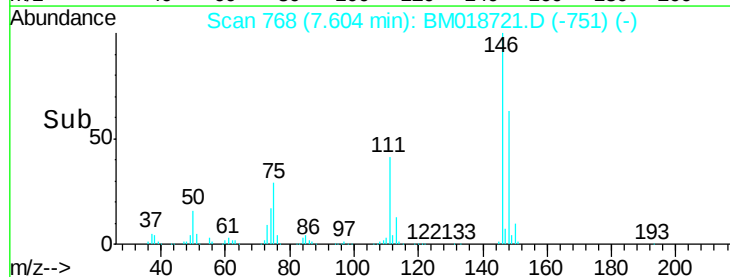
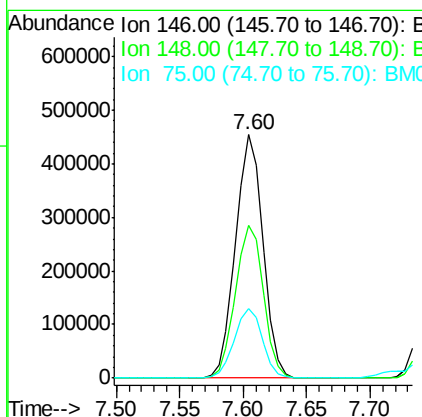
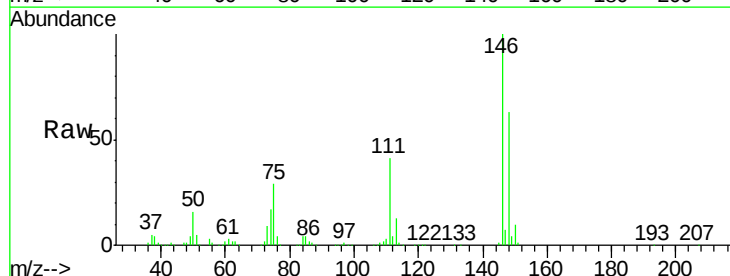
Instrument :
BNA_M
ClientSampleId :
PB116792BSD

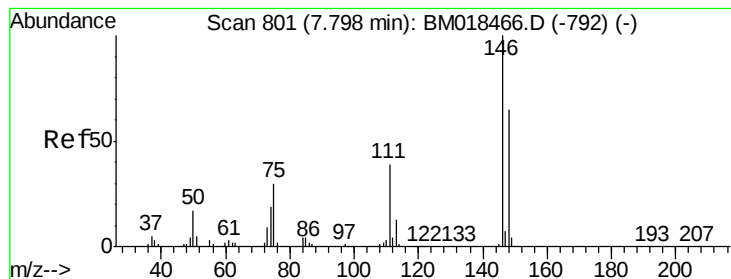
Tgt Ion: 93 Resp: 489048
Ion Ratio Lower Upper
93 100
63 73.9 56.4 96.4
95 34.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 39.985 ng
RT: 7.60 min Scan# 768
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Tgt Ion: 146 Resp: 682334
Ion Ratio Lower Upper
146 100
148 62.9 50.5 75.7
75 28.7 23.0 34.6





#13

1,4-Dichlorobenzene

Concen: 40.509 ng

RT: 7.75 min Scan# 793

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

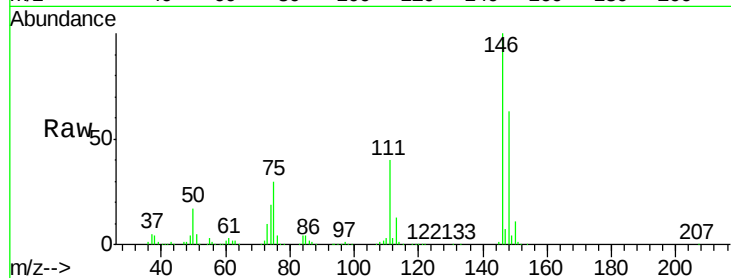
Tgt Ion:146 Resp: 700642

Ion Ratio Lower Upper

146 100

148 63.1 50.8 76.2

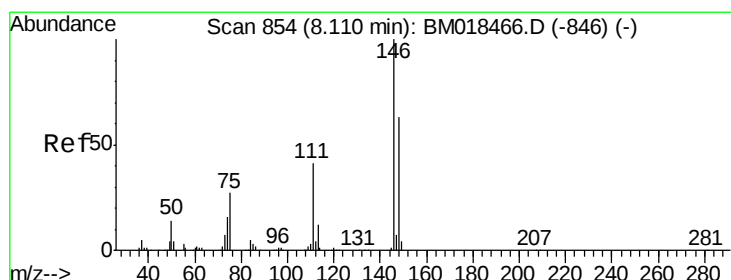
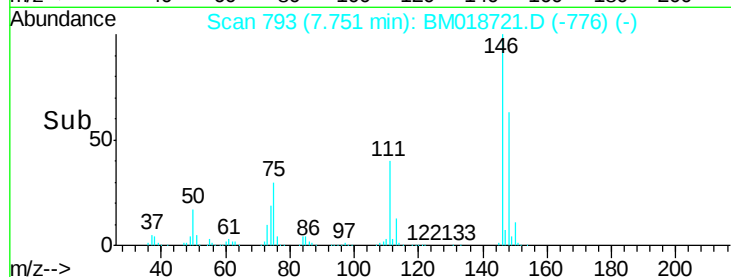
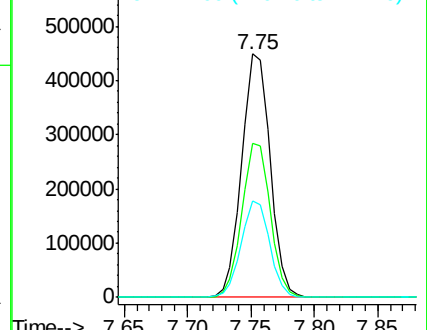
111 39.6 32.2 48.2



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: 39.947 ng

RT: 8.07 min Scan# 847

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

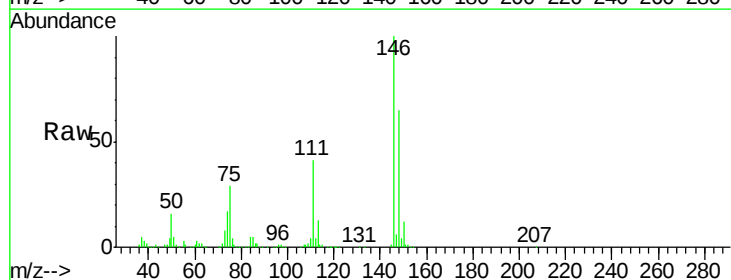
Tgt Ion:146 Resp: 655136

Ion Ratio Lower Upper

146 100

148 65.5 51.0 76.6

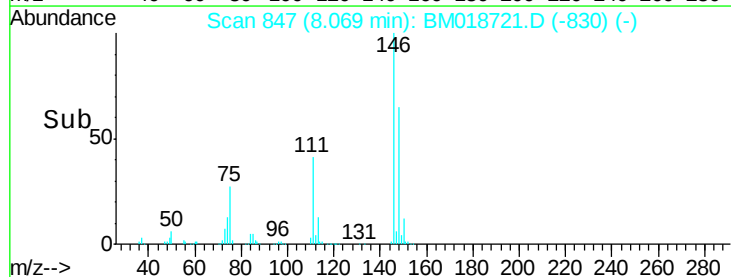
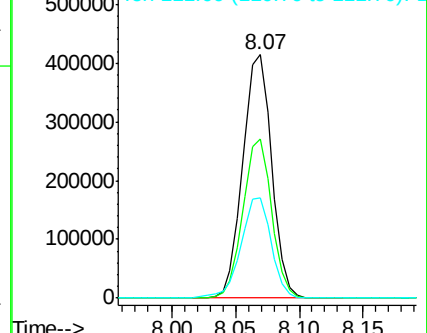
111 41.0 33.8 50.6

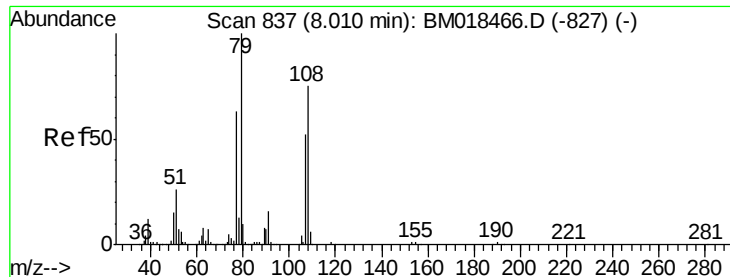


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.350 ng

RT: 7.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

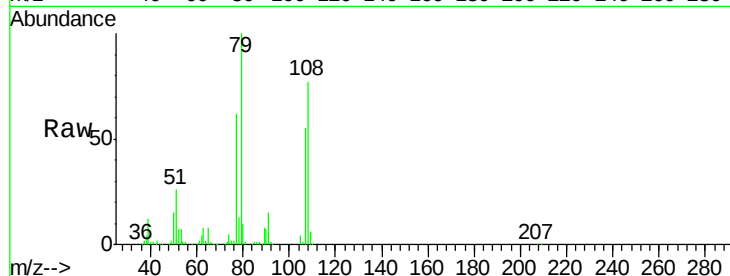
Tgt Ion: 79 Resp: 454139

Ion Ratio Lower Upper

79 100

108 76.6 60.4 90.6

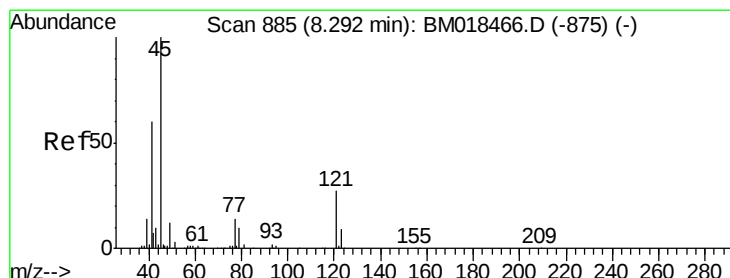
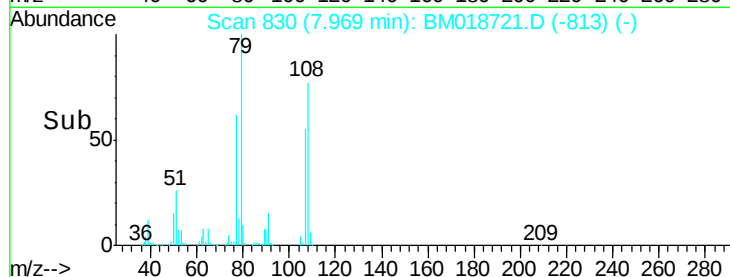
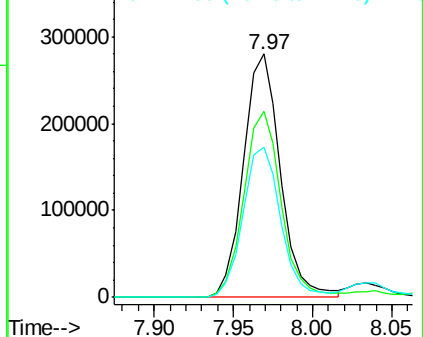
77 61.9 53.4 80.2



Abundance Ion 79.00 (78.70 to 79.70): BM018721.D (-813) (-)

Ion 108.00 (107.70 to 108.70): BM018721.D (-813) (-)

Ion 77.00 (76.70 to 77.70): BM018721.D (-813) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.615 ng

RT: 8.25 min Scan# 878

Delta R.T. 0.01 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

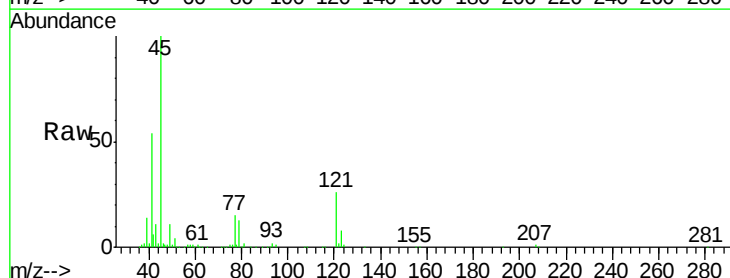
Tgt Ion: 45 Resp: 661701

Ion Ratio Lower Upper

45 100

77 15.3 0.0 33.4

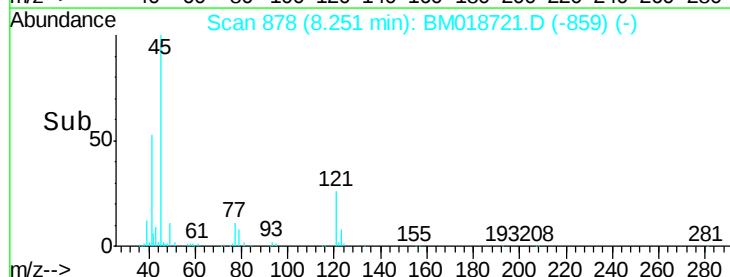
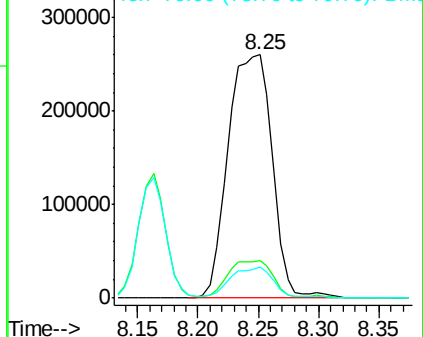
79 12.7 0.0 31.1

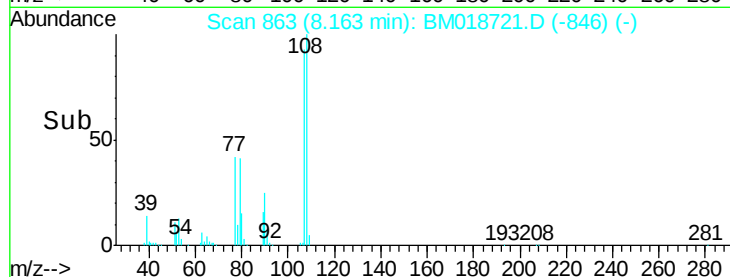
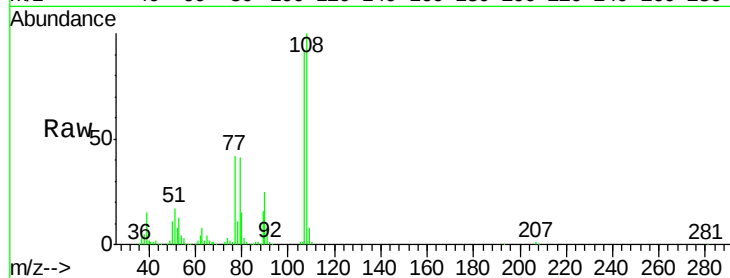
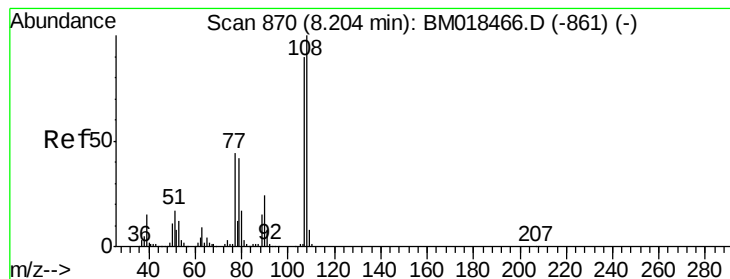


Abundance Ion 45.00 (44.70 to 45.70): BM018721.D (-859) (-)

Ion 77.00 (76.70 to 77.70): BM018721.D (-859) (-)

Ion 79.00 (78.70 to 79.70): BM018721.D (-859) (-)





#17

2-Methylphenol

Concen: 41.711 ng

RT: 8.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

Tgt Ion:107 Resp: 448337

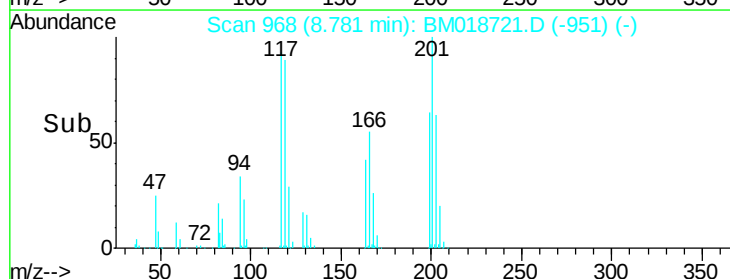
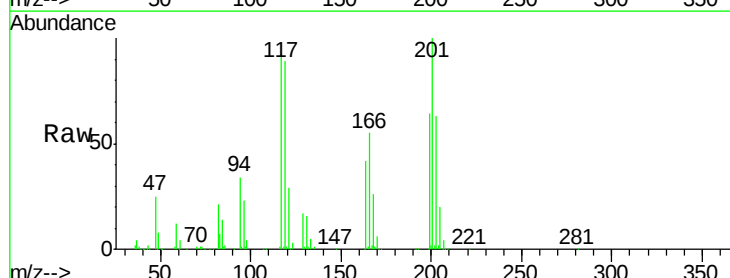
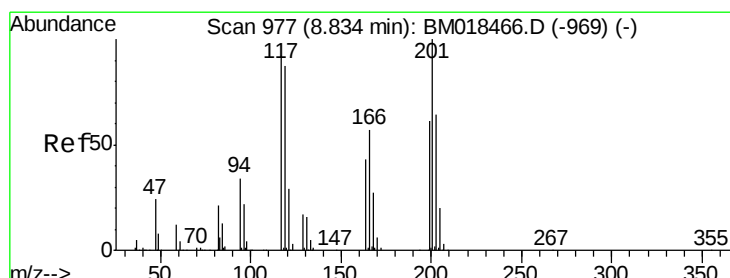
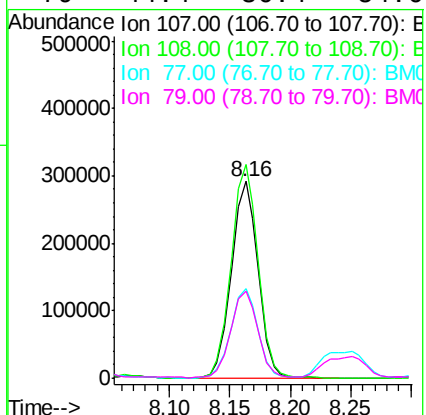
Ion Ratio Lower Upper

107 100

108 108.4 87.5 131.3

77 45.4 37.3 55.9

79 44.4 36.4 54.6



#18

Hexachloroethane

Concen: 39.828 ng

RT: 8.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

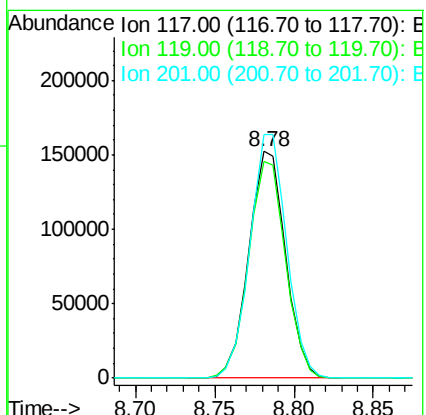
Tgt Ion:117 Resp: 245615

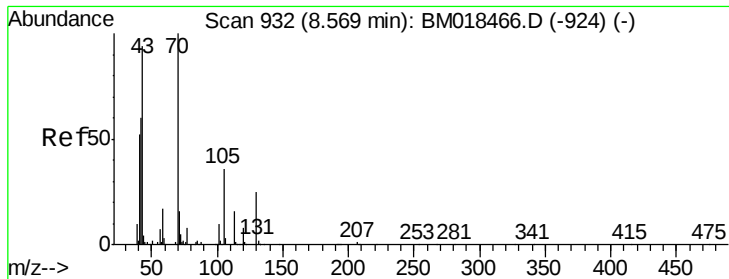
Ion Ratio Lower Upper

117 100

119 95.8 78.3 117.5

201 107.1 81.4 122.0

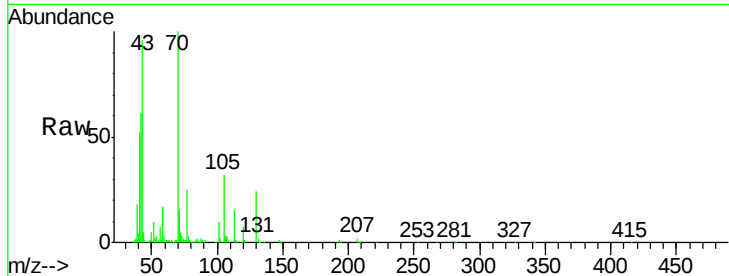




#19
n-Nitroso-di-n-propylamine
Concen: 37.230 ng
RT: 8.53 min Scan# 925
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB116792BSD

Tgt Ion:	70	Resp:	377545
Ion	Ratio	Lower	Upper
70	100		
42	61.5	54.0	81.0
101	10.2	8.1	12.1
130	24.0	17.8	26.6

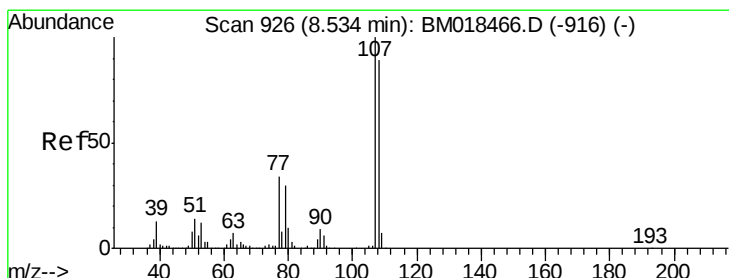
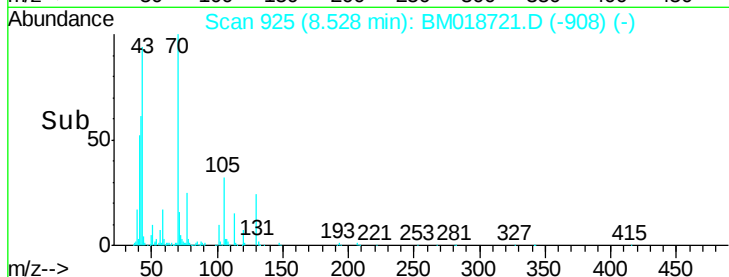
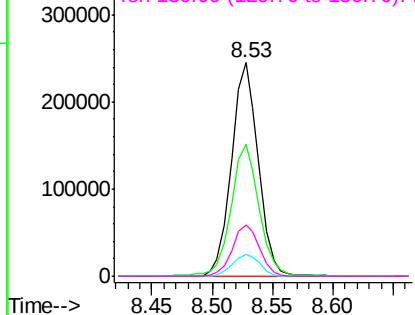


Abundance Ion 70.00 (69.70 to 70.70): BM018721.D (-908) (-)

Ion 42.00 (41.70 to 42.70): BM018721.D (-908) (-)

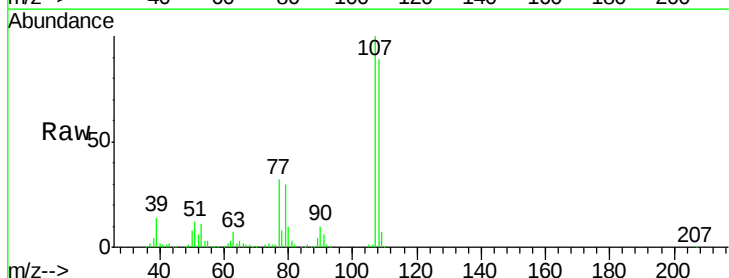
Ion 101.00 (100.70 to 101.70): BM018721.D (-908) (-)

Ion 130.00 (129.70 to 130.70): BM018721.D (-908) (-)



#20
3+4-Methylphenols
Concen: 40.133 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Tgt Ion:	107	Resp:	595493
Ion	Ratio	Lower	Upper
107	100		
108	88.7	66.8	106.8
77	32.3	13.3	53.3
79	29.7	8.8	48.8

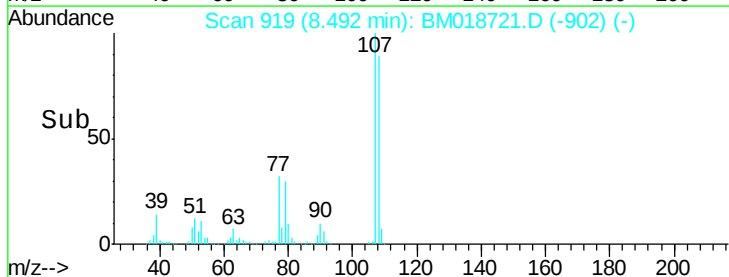
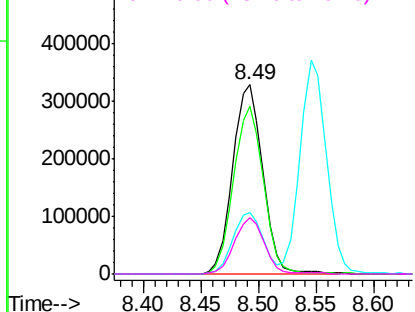


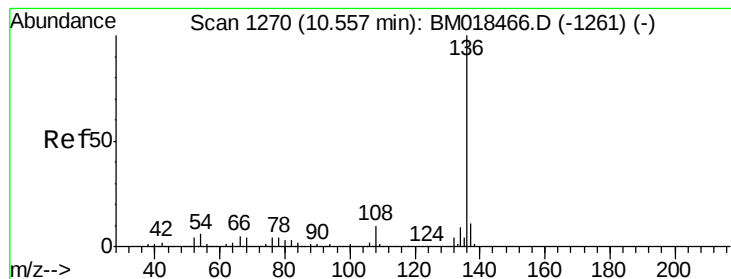
Abundance Ion 107.00 (106.70 to 107.70): BM018721.D (-902) (-)

Ion 108.00 (107.70 to 108.70): BM018721.D (-902) (-)

Ion 77.00 (76.70 to 77.70): BM018721.D (-902) (-)

Ion 79.00 (78.70 to 79.70): BM018721.D (-902) (-)





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.51 min Scan# 1262

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

Tgt Ion:136 Resp: 842105

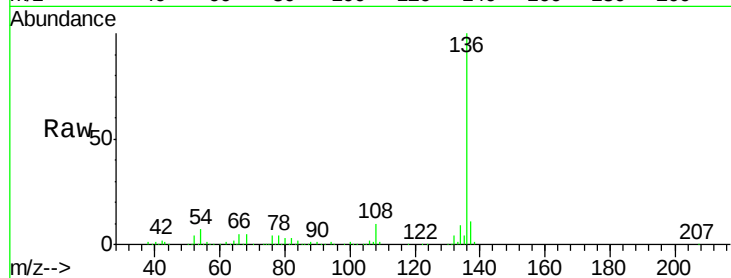
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 6.7 6.0 9.0

68 4.6 4.5 6.7

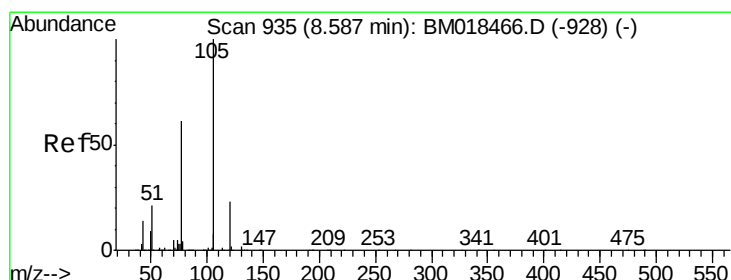
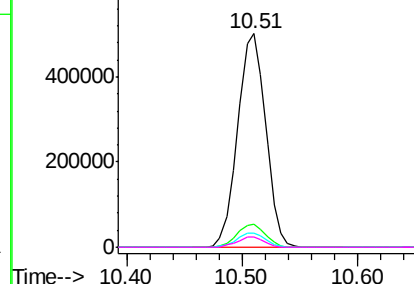
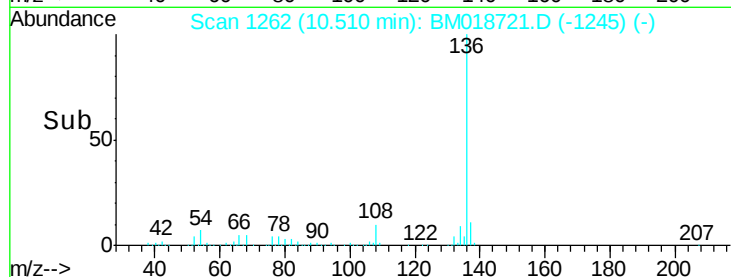


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 37.682 ng

RT: 8.55 min Scan# 928

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Tgt Ion:105 Resp: 784971

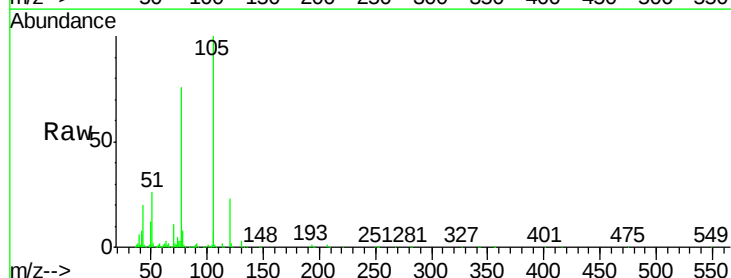
Ion Ratio Lower Upper

105 100

71 1.6 1.7 2.5#

51 25.9 22.6 34.0

120 22.9 18.3 27.5

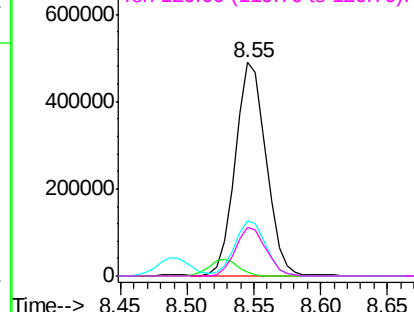
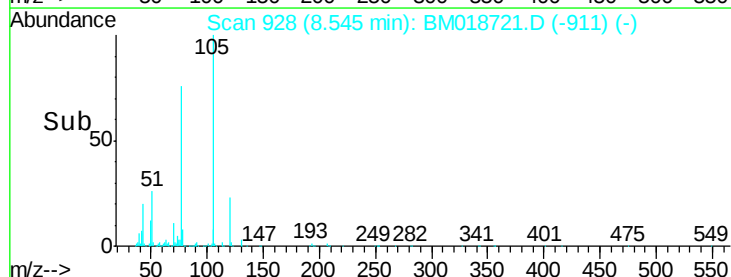


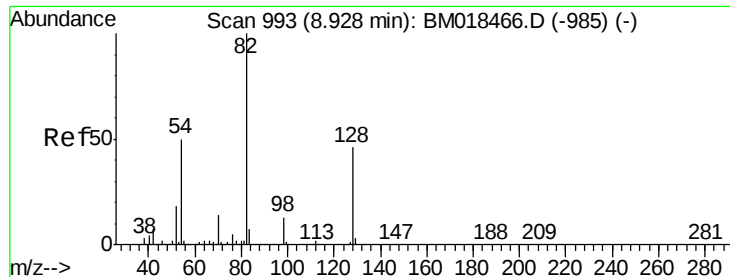
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

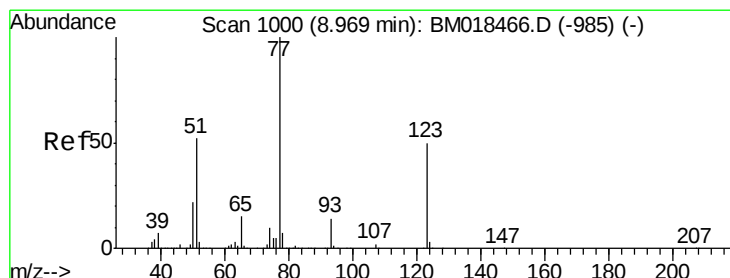
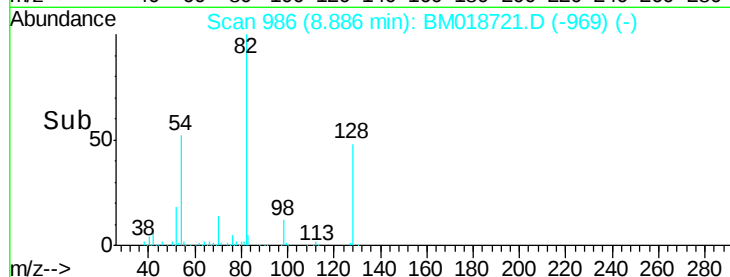
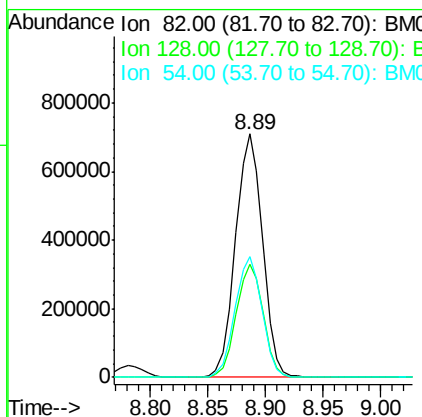
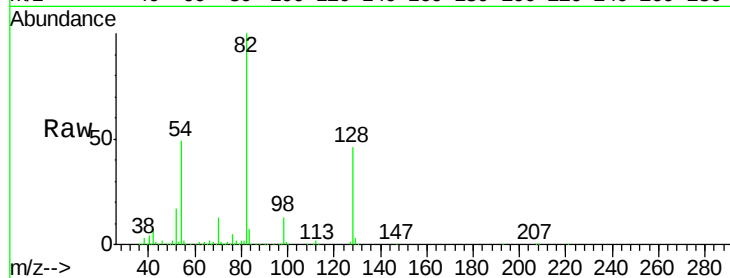




#23
 Nitrobenzene-d5
 Concen: 79.391 ng
 RT: 8.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BM018721.D
 Acq: 04 Feb 2019 16:36

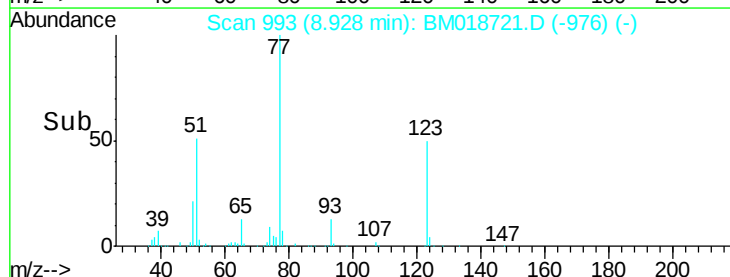
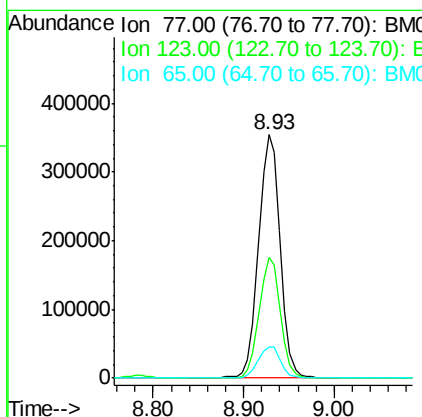
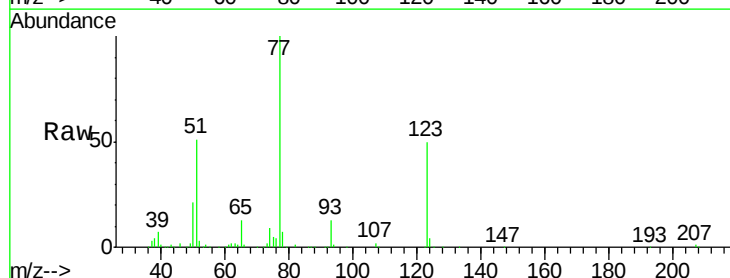
Instrument :
 BNA_M
 ClientSampleId :
 PB116792BSD

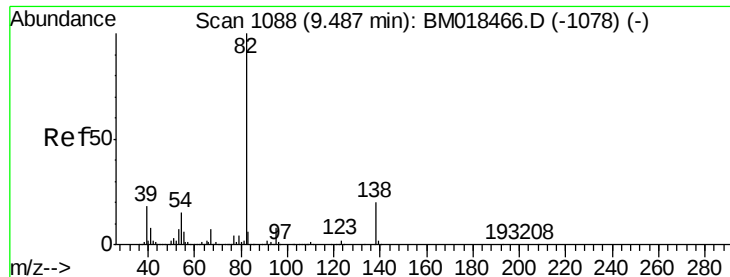
Tgt Ion: 82 Resp: 1153258
 Ion Ratio Lower Upper
 82 100
 128 46.2 36.3 54.5
 54 49.4 41.7 62.5



#24
 Nitrobenzene
 Concen: 40.798 ng
 RT: 8.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BM018721.D
 Acq: 04 Feb 2019 16:36

Tgt Ion: 77 Resp: 583117
 Ion Ratio Lower Upper
 77 100
 123 49.8 37.7 56.5
 65 13.0 11.0 16.6





#25

Isophorone

Concen: 44.486 ng

RT: 9.45 min Scan# 1081

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

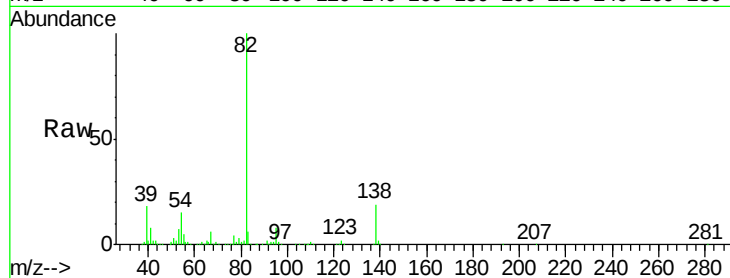
Tgt Ion: 82 Resp: 978554

Ion Ratio Lower Upper

82 100

95 7.7 6.1 9.1

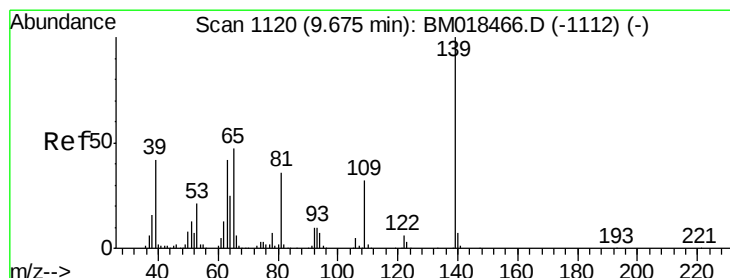
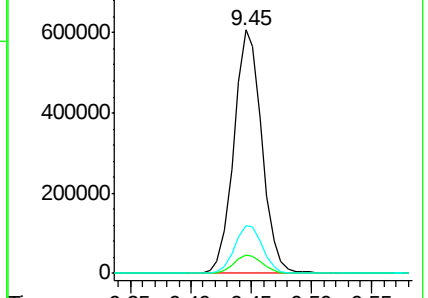
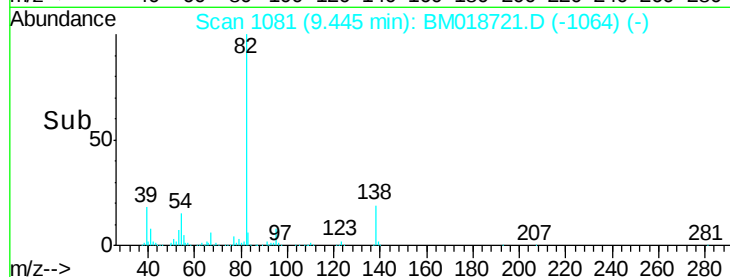
138 19.5 15.1 22.7



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: 44.530 ng

RT: 9.63 min Scan# 1113

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

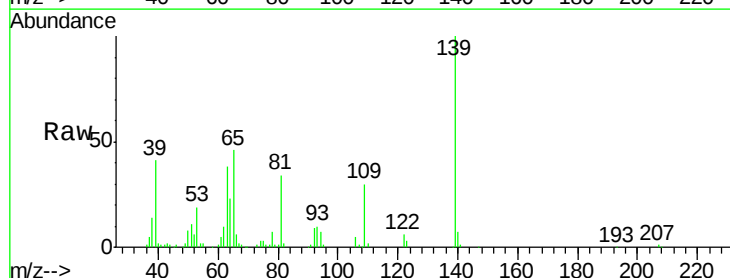
Tgt Ion: 139 Resp: 307750

Ion Ratio Lower Upper

139 100

109 29.9 23.4 35.2

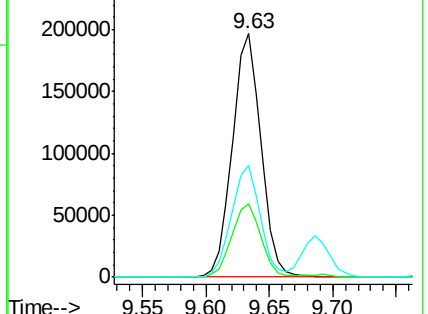
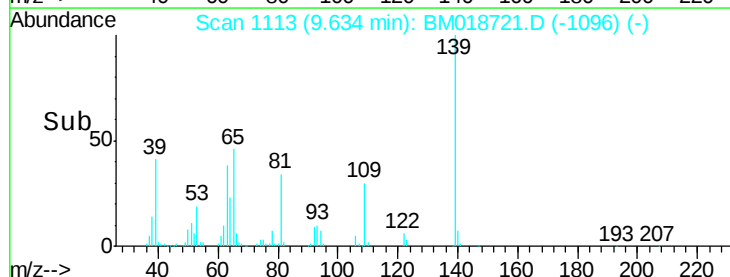
65 45.7 39.4 59.2

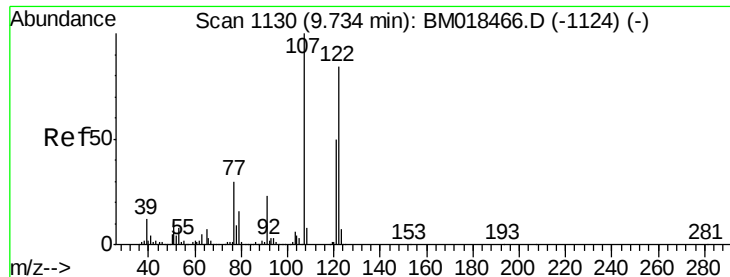


Abundance Ion 139.00 (138.70 to 139.70): BM018466.D (-1112) (-)

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

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

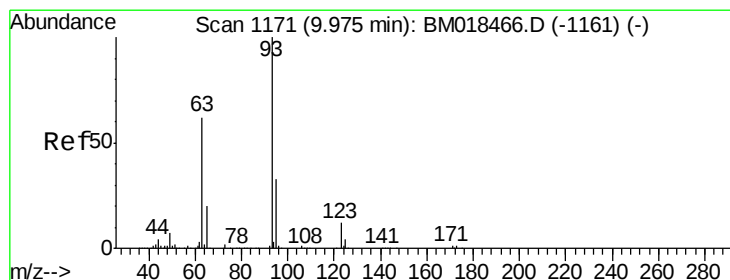
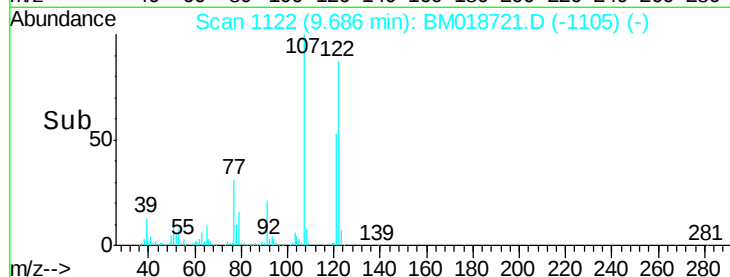
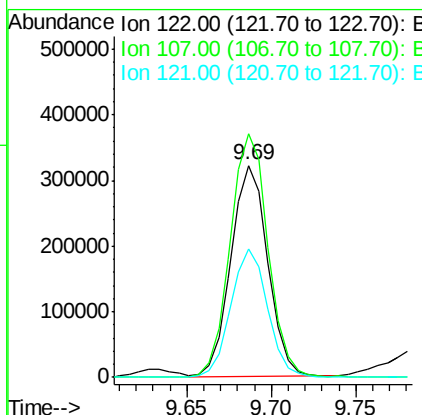
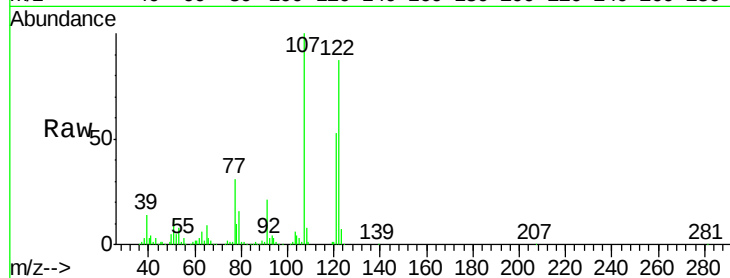




#27
 2,4-Dimethylphenol
 Concen: 47.133 ng
 RT: 9.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BM018721.D
 Acq: 04 Feb 2019 16:36

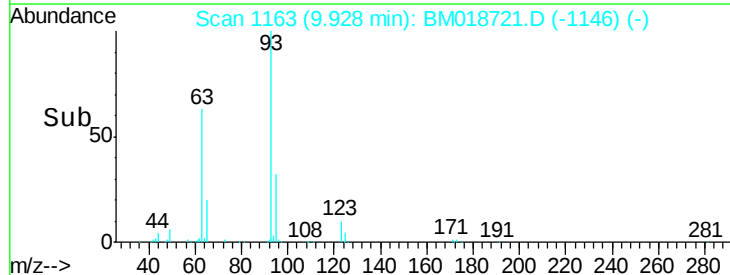
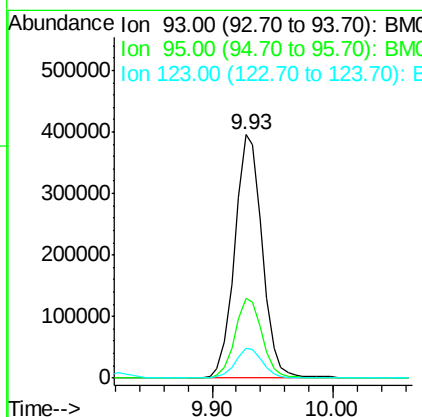
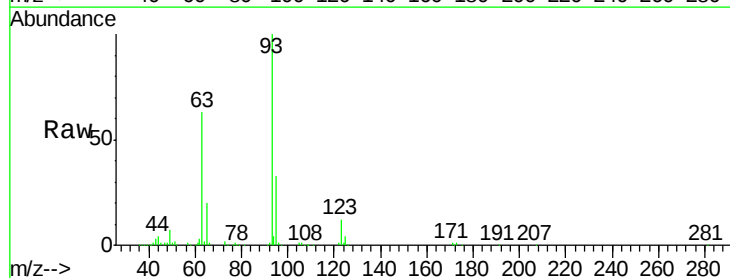
Instrument :
 BNA_M
 ClientSampleId :
 PB116792BSD

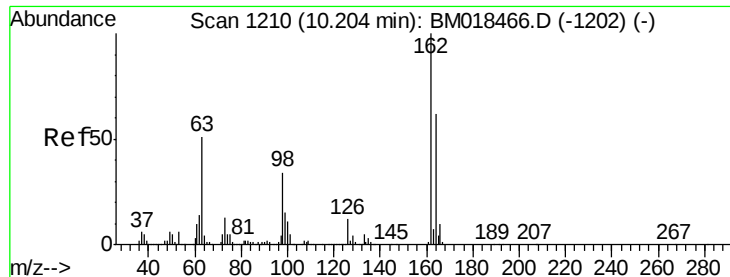
Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.1	91.9	137.9
121	60.7	47.5	71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.370 ng
 RT: 9.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BM018721.D
 Acq: 04 Feb 2019 16:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.6	39.8
123	12.0	9.9	14.9

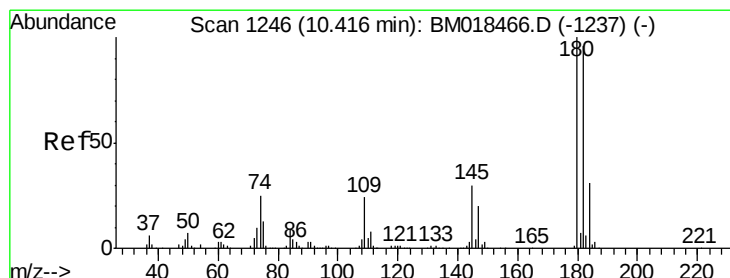
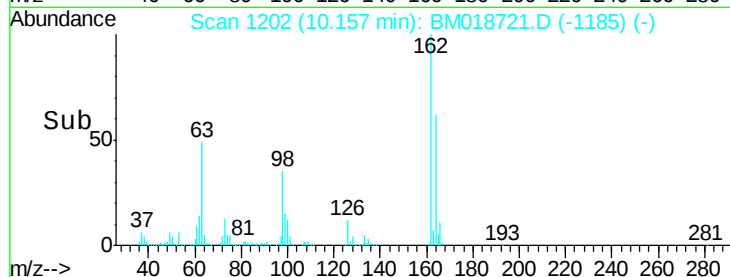
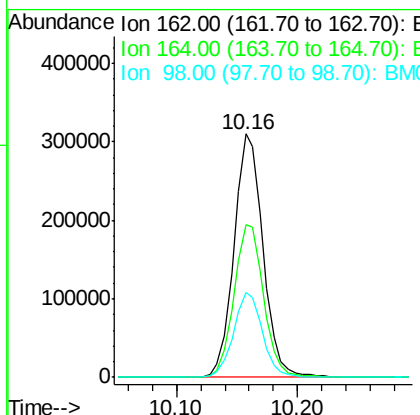
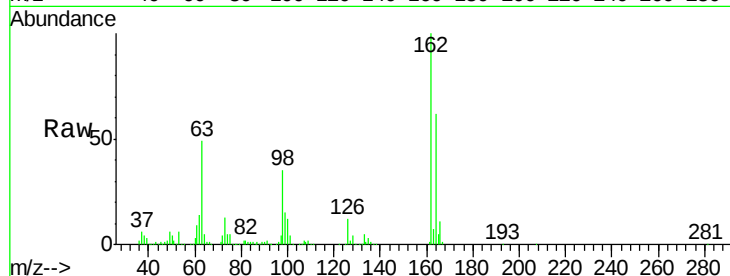




#29
2,4-Dichlorophenol
Concen: 42.010 ng
RT: 10.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

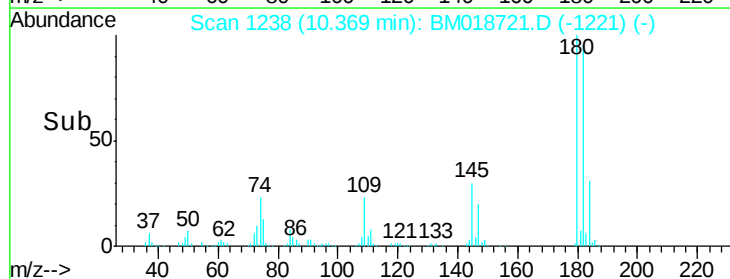
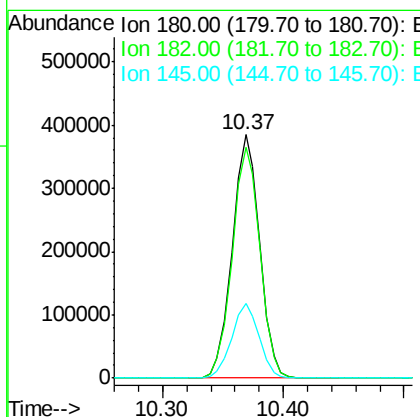
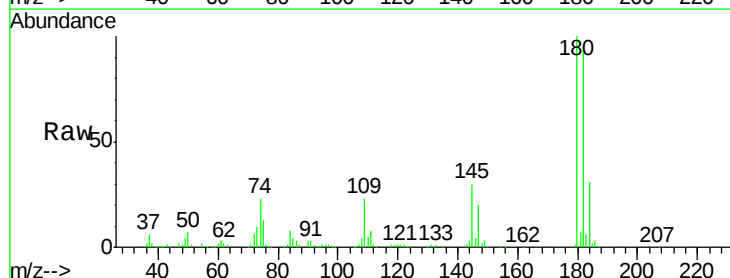
Instrument :
BNA_M
ClientSampleId :
PB116792BSD

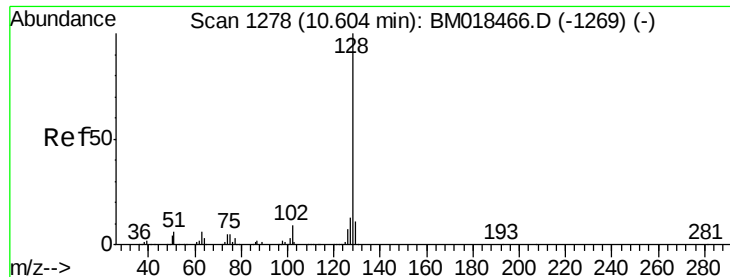
Tgt Ion	Ratio	Lower	Upper
162	100		
164	62.5	45.6	85.6
98	35.0	14.7	54.7



#30
1,2,4-Trichlorobenzene
Concen: 39.626 ng
RT: 10.37 min Scan# 1238
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	77.4	116.2
145	30.4	24.6	37.0

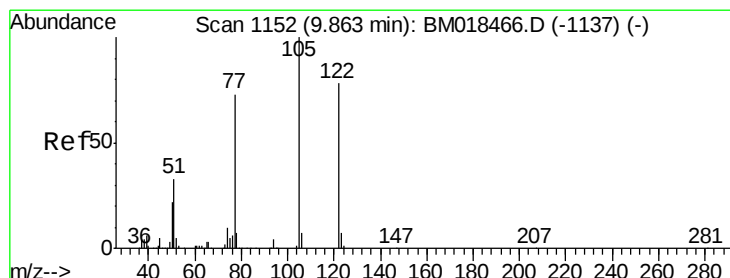
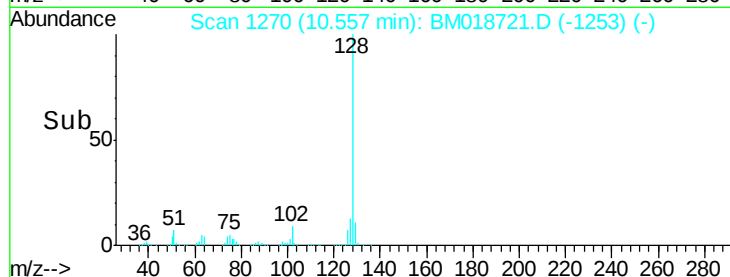
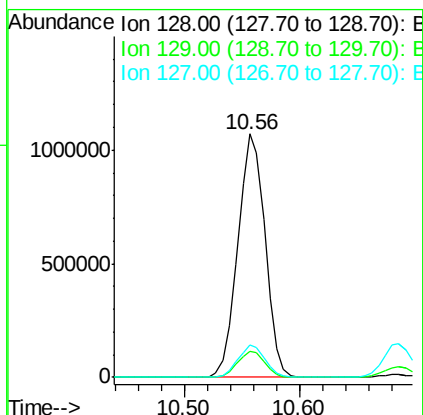
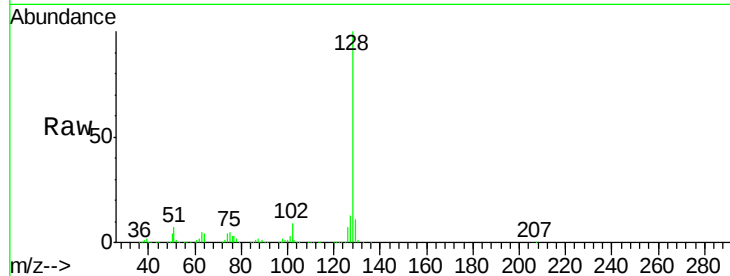




#31
Naphthalene
Concen: 43.169 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

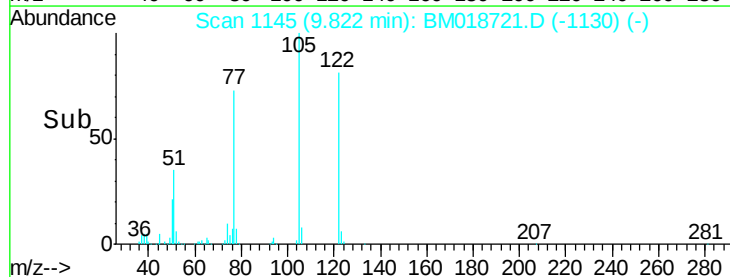
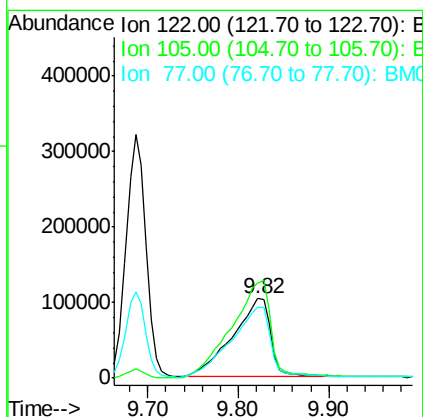
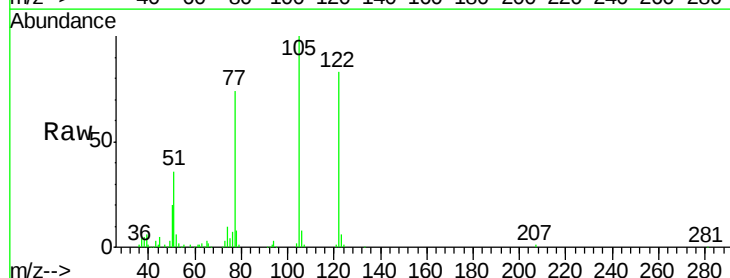
Instrument :
BNA_M
ClientSampleId :
PB116792BSD

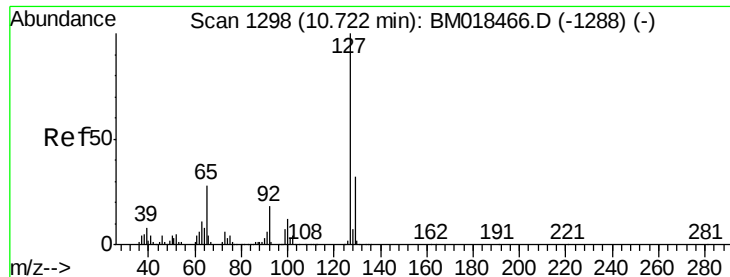
Tgt Ion:128 Resp: 1750747
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 43.547 ng
RT: 9.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Tgt Ion:122 Resp: 298861
Ion Ratio Lower Upper
122 100
105 120.8 100.4 140.4
77 89.2 71.7 111.7

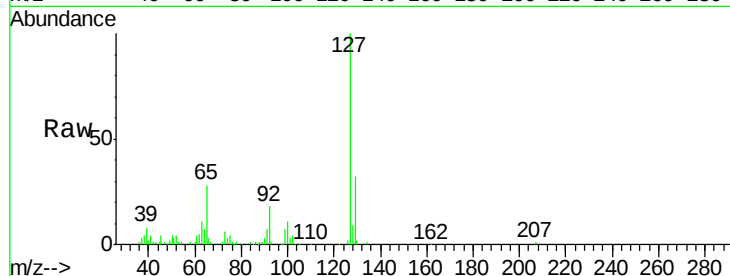




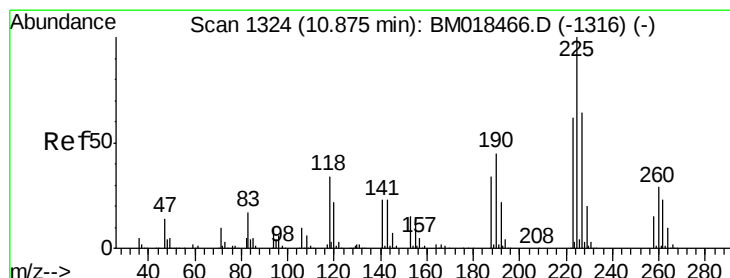
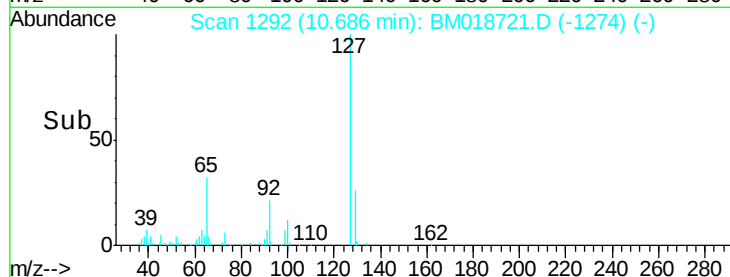
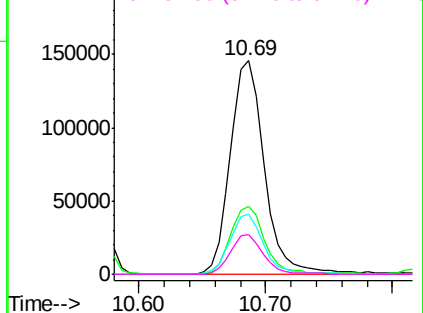
#33
4-Chloroaniline
Concen: 16.928 ng
RT: 10.69 min Scan# 1292
Delta R.T. 0.01 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB116792BSD

Tgt Ion:	127	Resp:	270375
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.9	38.9
65	28.1	23.4	35.2
92	18.5	14.5	21.7

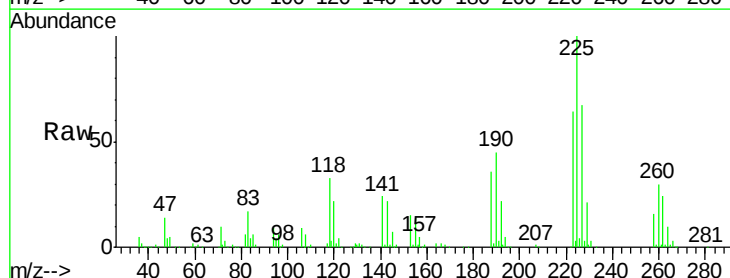


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

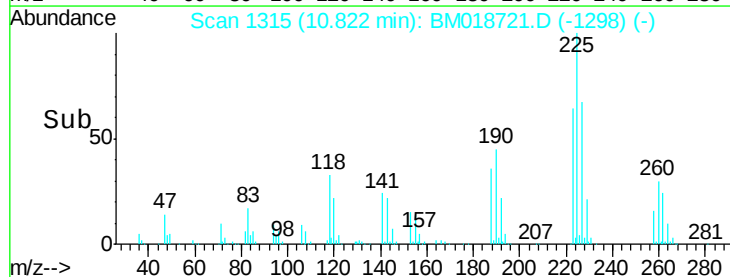
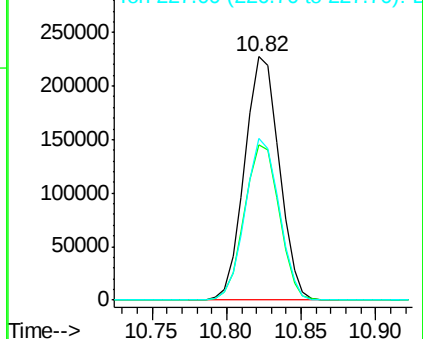


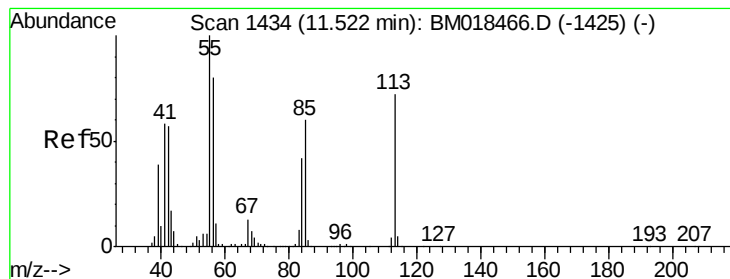
#34
Hexachlorobutadiene
Concen: 37.718 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Tgt Ion:	225	Resp:	364830
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.8	76.2
227	66.5	50.4	75.6



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.839 ng

RT: 11.49 min Scan# 1429

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

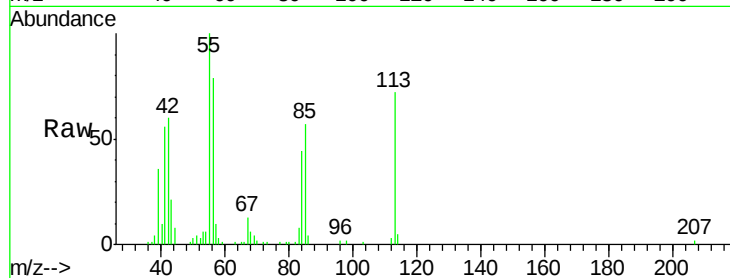
Tgt Ion:113 Resp: 125139

Ion Ratio Lower Upper

113 100

55 139.3 139.3 179.3

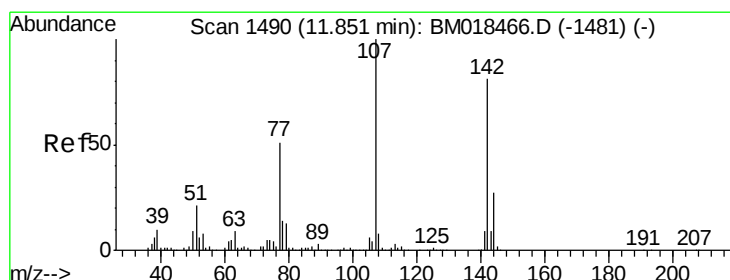
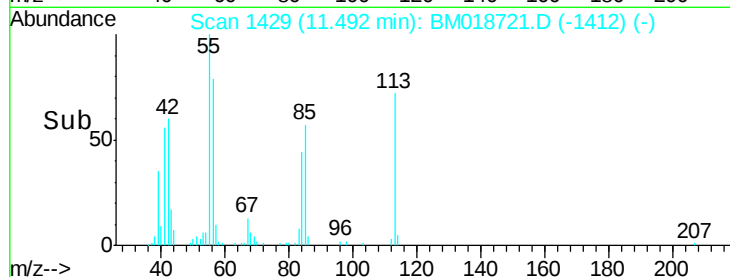
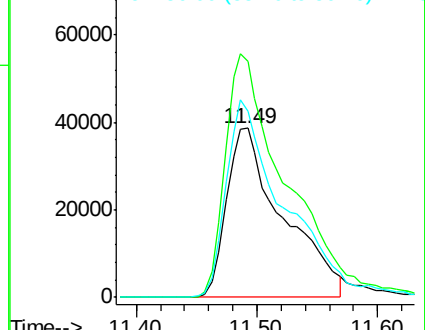
56 109.9 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 38.371 ng

RT: 11.80 min Scan# 1482

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

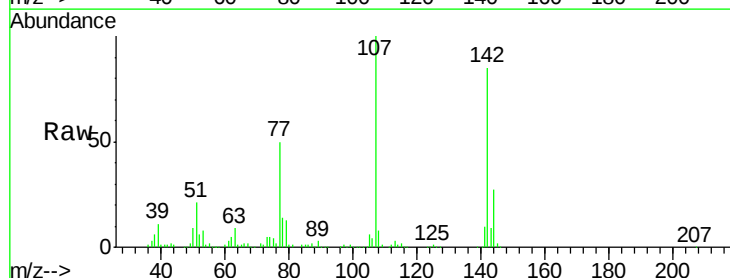
Tgt Ion:107 Resp: 496558

Ion Ratio Lower Upper

107 100

144 26.8 21.9 32.9

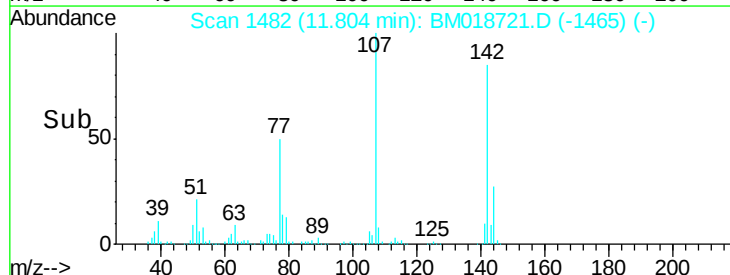
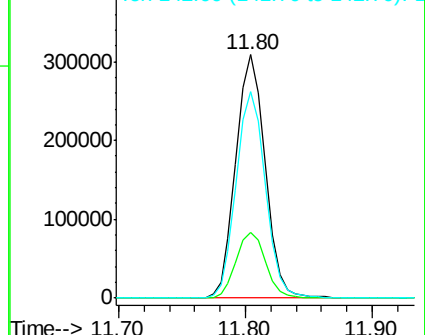
142 84.6 67.9 101.9

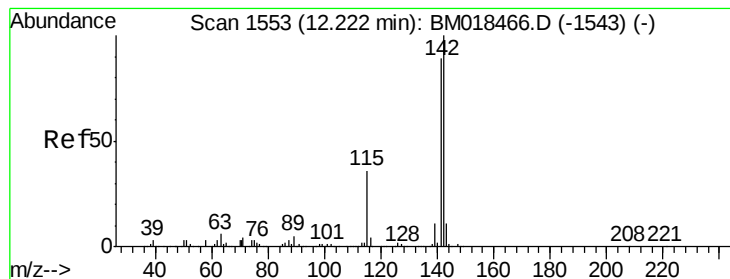


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 43.012 ng

RT: 12.17 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

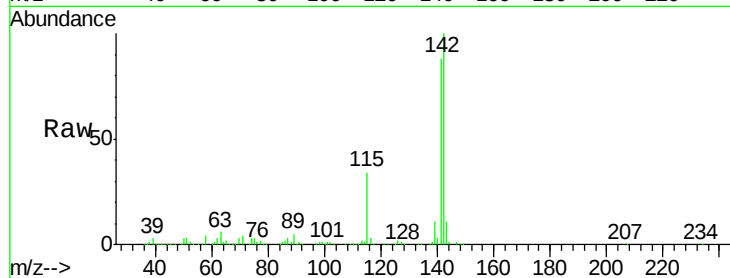
Tgt Ion:142 Resp: 1232472

Ion Ratio Lower Upper

142 100

141 88.1 71.4 107.2

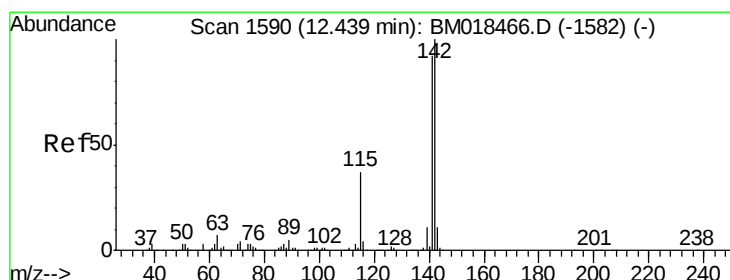
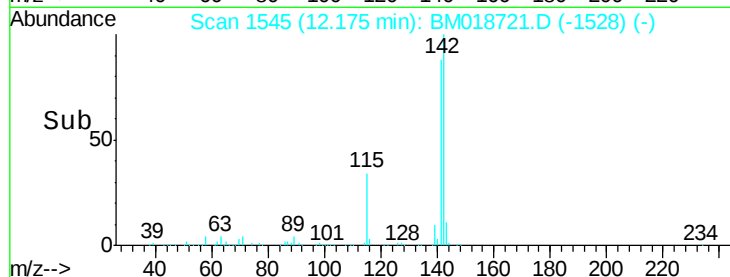
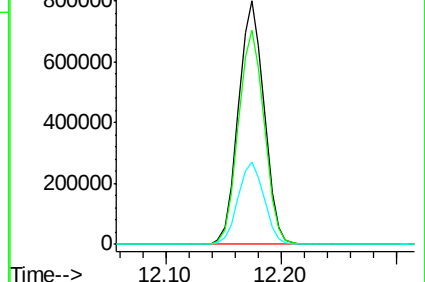
115 33.9 28.0 42.0



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.685 ng

RT: 12.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

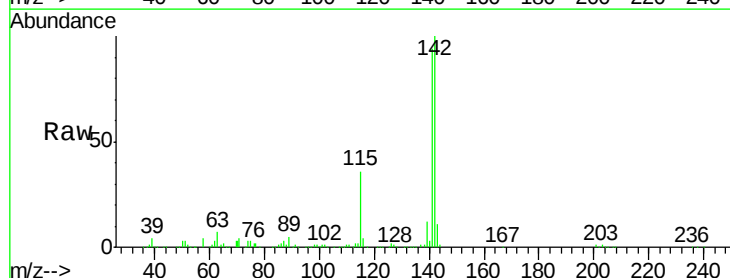
Tgt Ion:142 Resp: 1155712

Ion Ratio Lower Upper

142 100

141 93.9 75.6 113.4

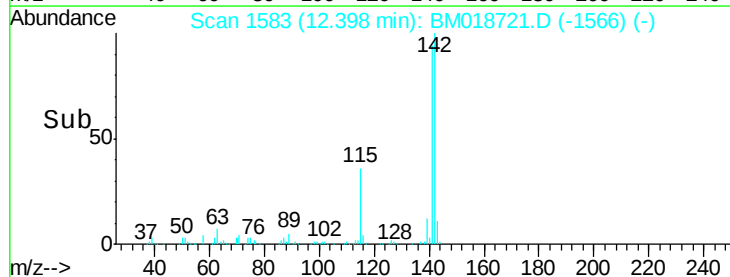
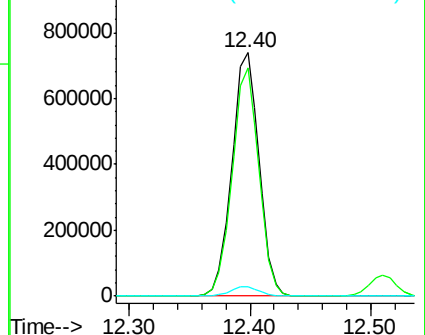
116 3.7 3.0 4.6

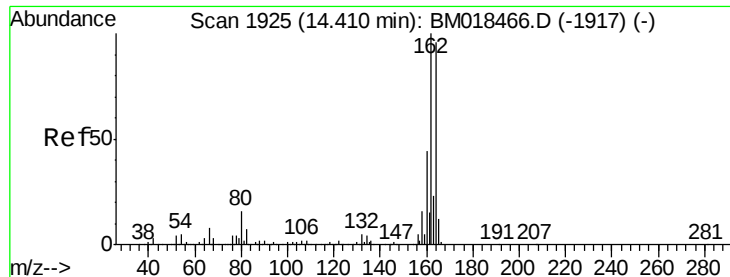


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.37 min Scan# 1918

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

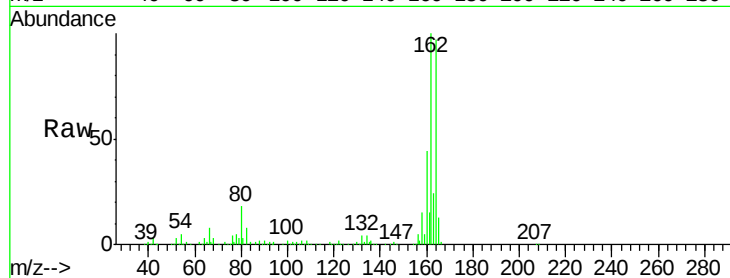
Tgt Ion:164 Resp: 430655

Ion Ratio Lower Upper

164 100

162 102.9 83.0 124.4

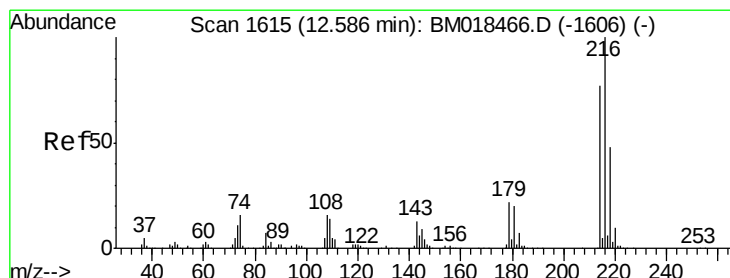
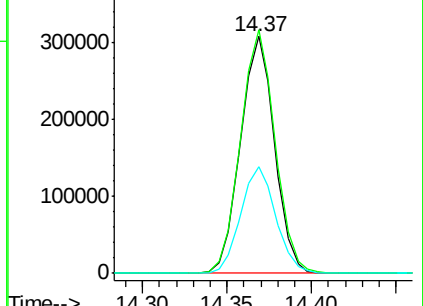
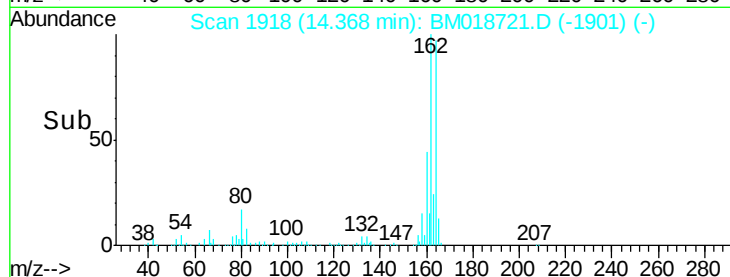
160 45.0 37.1 55.7



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: 41.731 ng

RT: 12.55 min Scan# 1608

Delta R.T. 0.01 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Tgt Ion:216 Resp: 628463

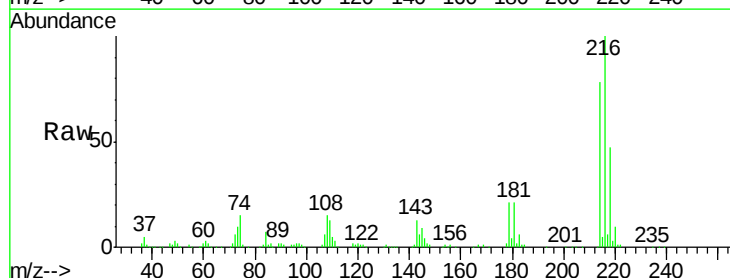
Ion Ratio Lower Upper

216 100

214 78.2 63.4 95.0

179 21.7 17.9 26.9

108 19.9 15.8 23.6

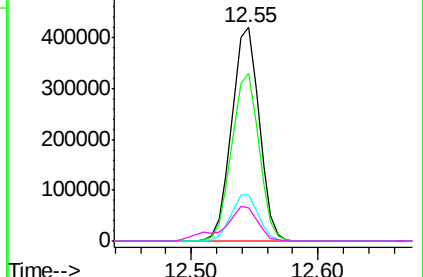
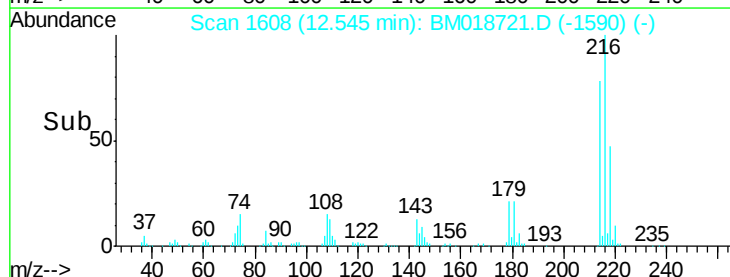


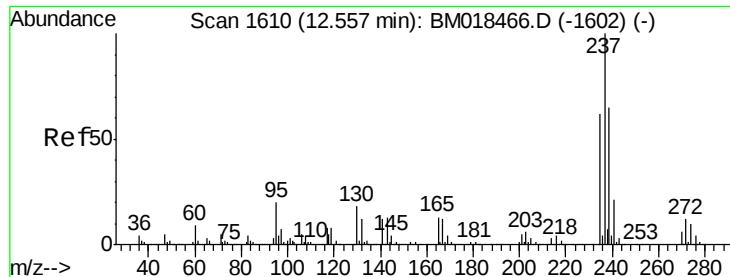
Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.049 ng

RT: 12.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

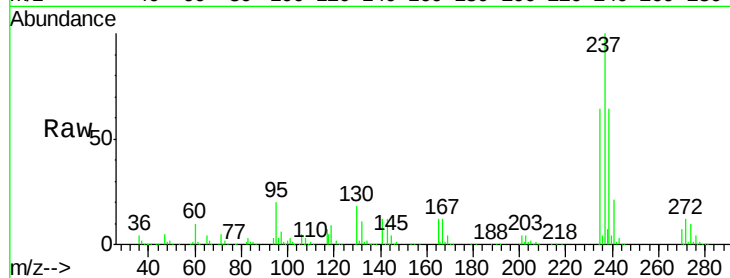
Tgt Ion:237 Resp: 793869

Ion Ratio Lower Upper

237 100

235 64.1 42.8 82.8

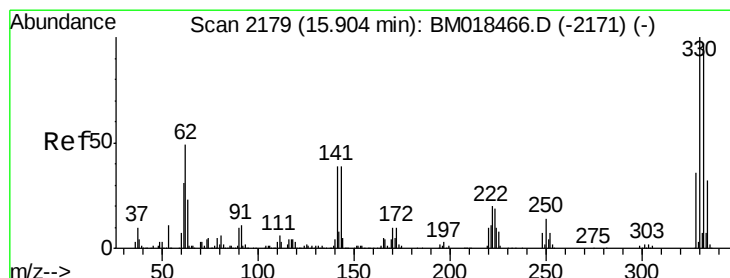
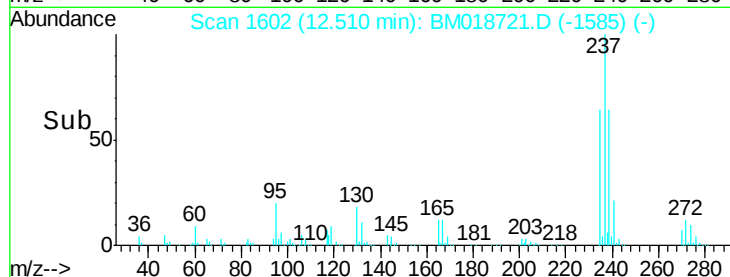
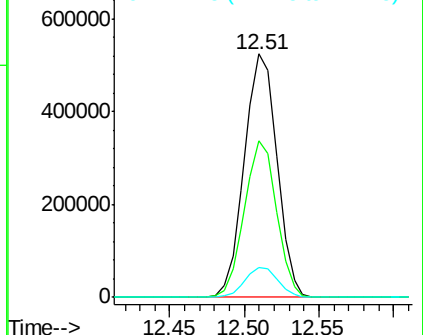
272 12.4 0.0 31.9



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: 124.356 ng

RT: 15.86 min Scan# 2172

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

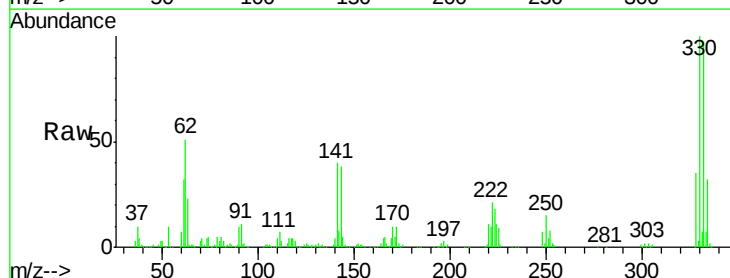
Tgt Ion:330 Resp: 681899

Ion Ratio Lower Upper

330 100

332 96.5 77.6 116.4

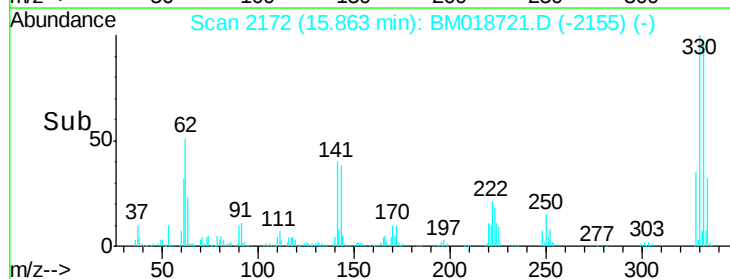
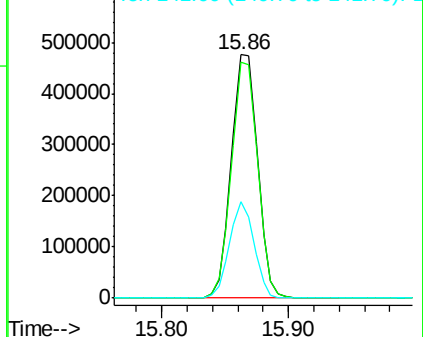
141 37.3 31.7 47.5

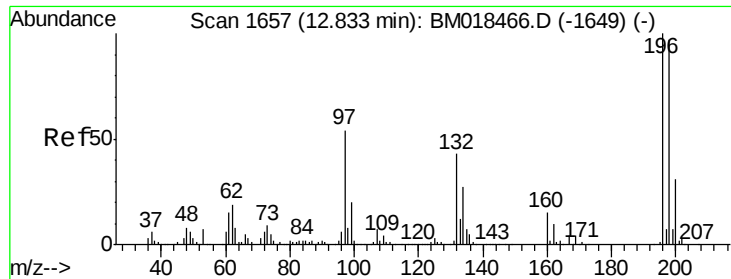


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

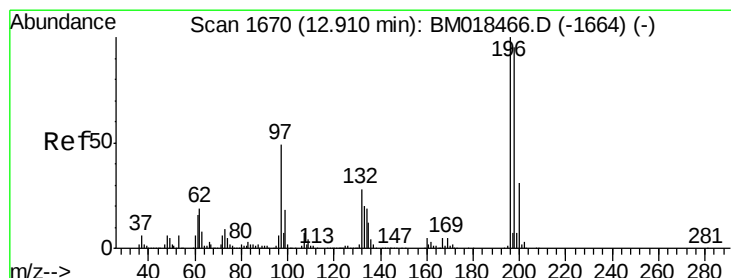
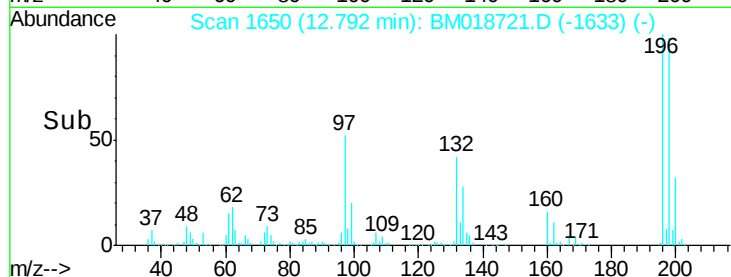
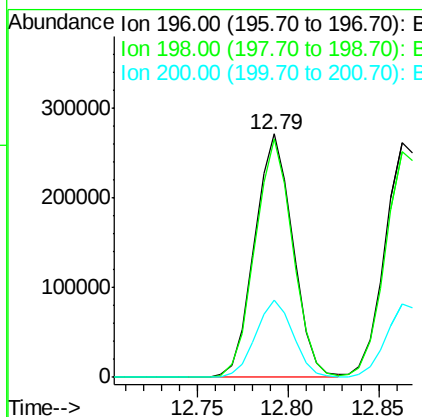
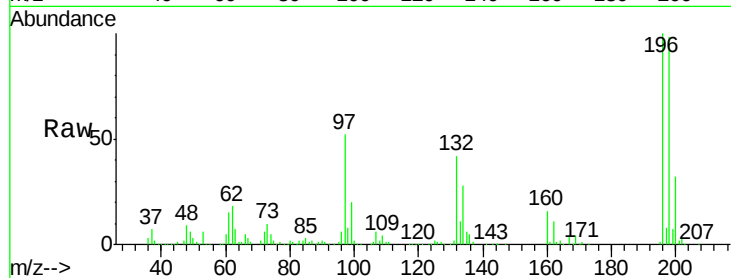




#43
 2,4,6-Trichlorophenol
 Concen: 43.426 ng
 RT: 12.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BM018721.D
 Acq: 04 Feb 2019 16:36

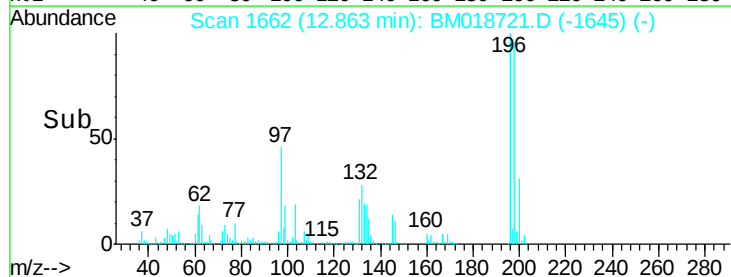
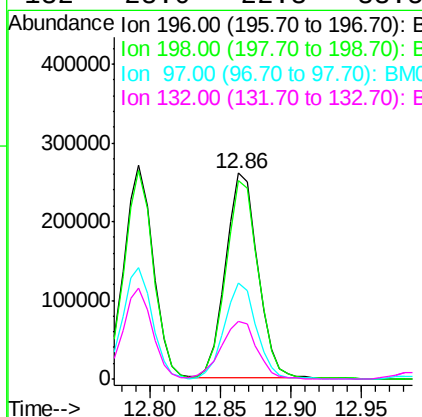
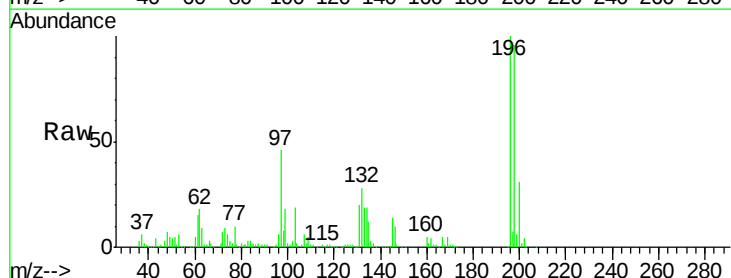
Instrument :
 BNA_M
 ClientSampleId :
 PB116792BSD

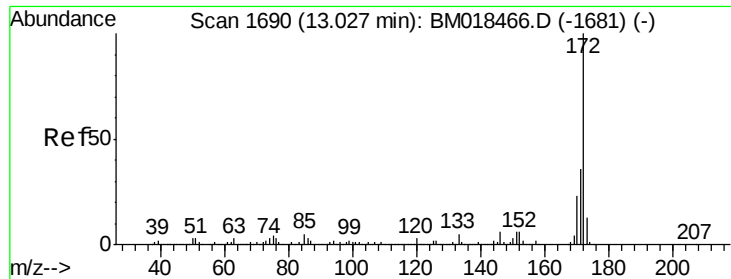
Tgt Ion:196 Resp: 397139
 Ion Ratio Lower Upper
 196 100
 198 97.9 76.6 115.0
 200 31.7 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 43.306 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM018721.D
 Acq: 04 Feb 2019 16:36

Tgt Ion:196 Resp: 416517
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.7 115.1
 97 46.4 39.2 58.8
 132 28.0 22.3 33.5

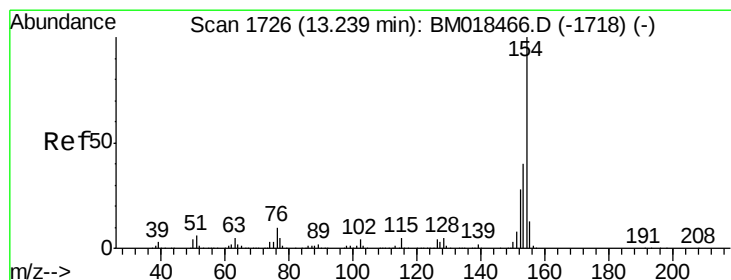
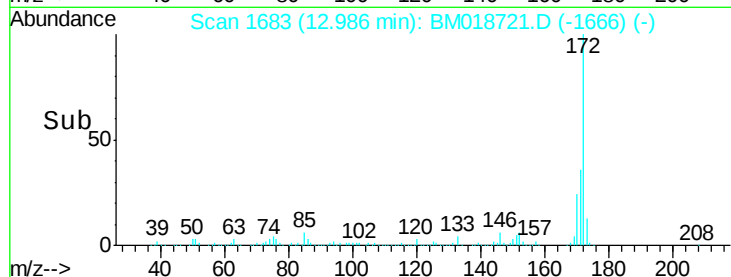
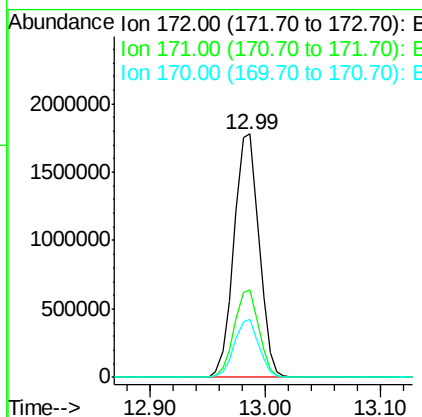
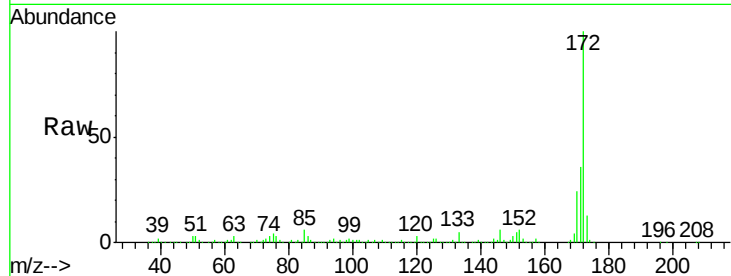




#45
2-Fluorobiphenyl
Concen: 81.220 ng
RT: 12.99 min Scan# 1683
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

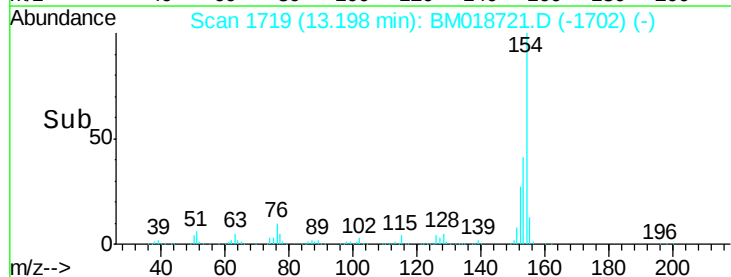
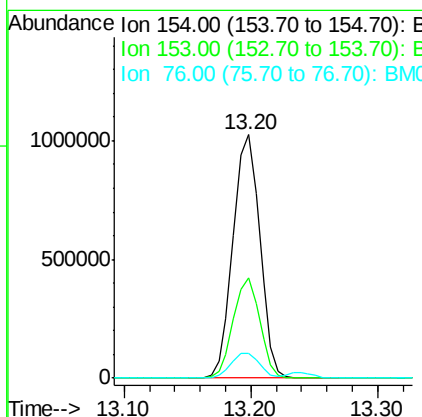
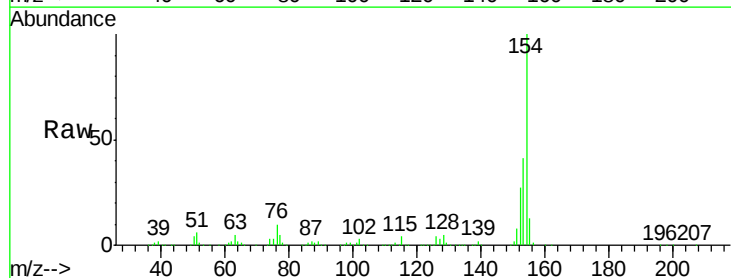
Instrument :
BNA_M
ClientSampleId :
PB116792BSD

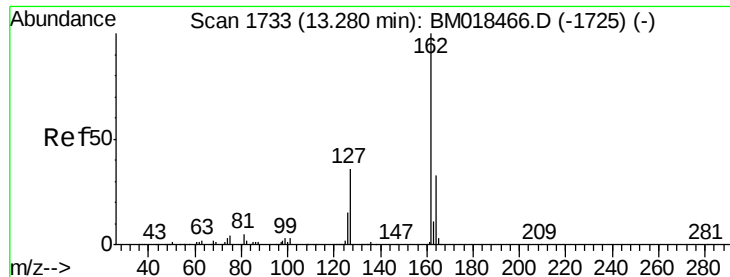
Tgt Ion:172 Resp: 2680588
Ion Ratio Lower Upper
172 100
171 35.9 28.2 42.4
170 23.6 18.9 28.3



#46
1,1'-Biphenyl
Concen: 39.923 ng
RT: 13.20 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Tgt Ion:154 Resp: 1501226
Ion Ratio Lower Upper
154 100
153 41.3 20.5 60.5
76 10.4 0.0 31.9

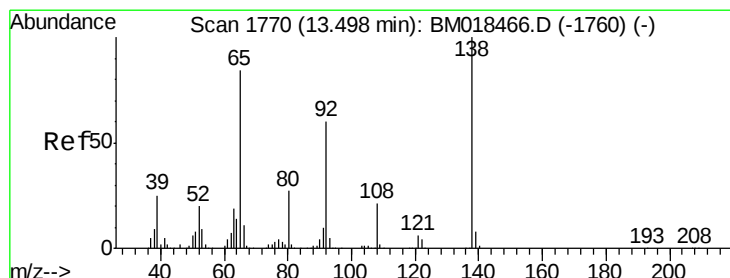
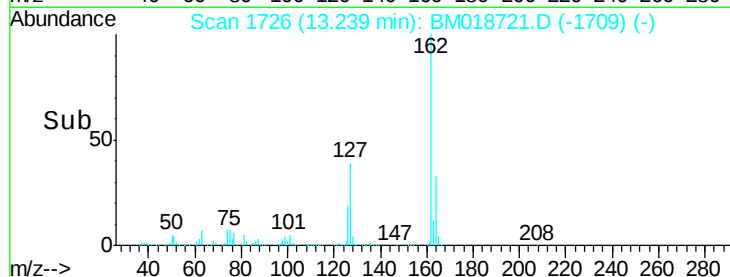
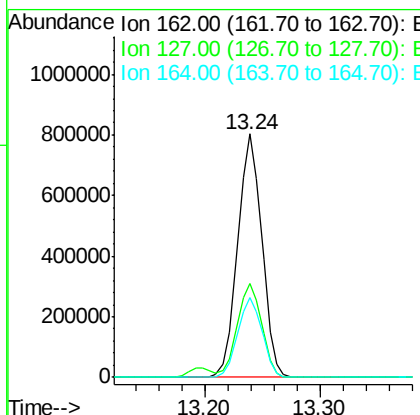
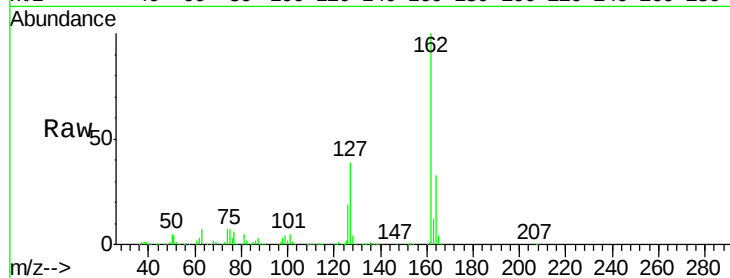




#47
 2-Chloronaphthalene
 Concen: 39.983 ng
 RT: 13.24 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BM018721.D
 Acq: 04 Feb 2019 16:36

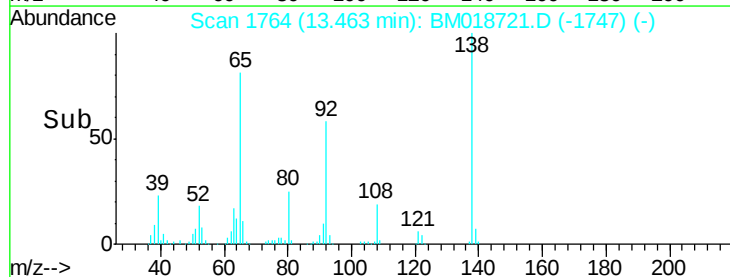
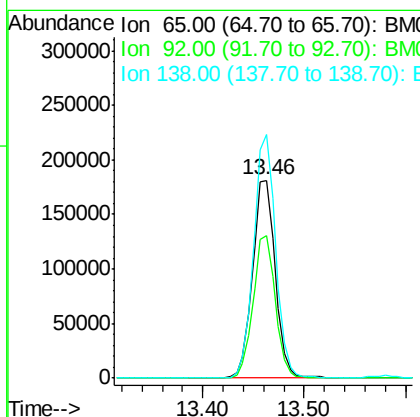
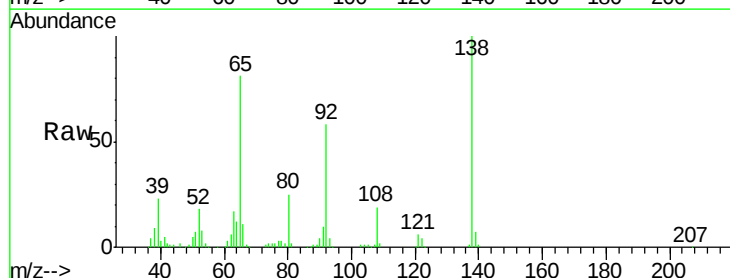
Instrument :
 BNA_M
 ClientSampleId :
 PB116792BSD

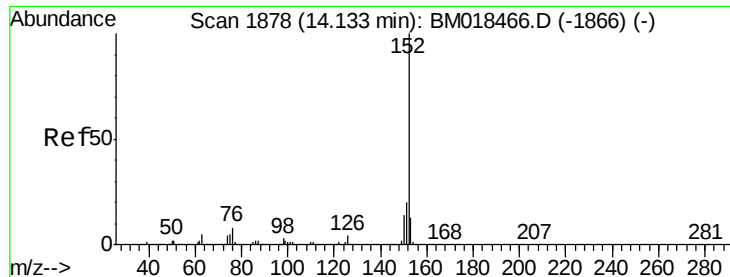
Tgt Ion: 162 Resp: 1165890
 Ion Ratio Lower Upper
 162 100
 127 38.8 31.4 47.0
 164 32.6 26.2 39.4



#48
 2-Nitroaniline
 Concen: 39.629 ng
 RT: 13.46 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BM018721.D
 Acq: 04 Feb 2019 16:36

Tgt Ion: 65 Resp: 284293
 Ion Ratio Lower Upper
 65 100
 92 71.7 53.4 80.2
 138 122.9 88.9 133.3





#49

Acenaphthylene

Concen: 42.909 ng

RT: 14.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

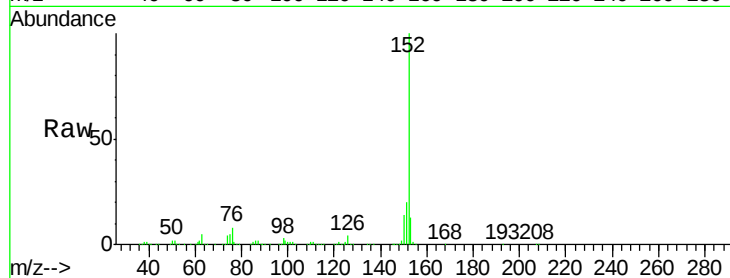
Tgt Ion:152 Resp: 1823394

Ion Ratio Lower Upper

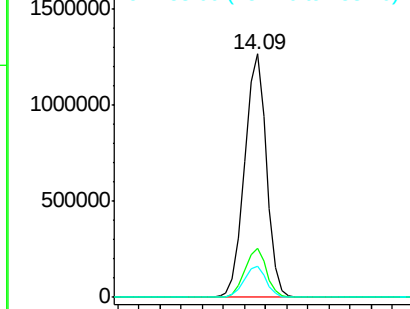
152 100

151 20.3 15.7 23.5

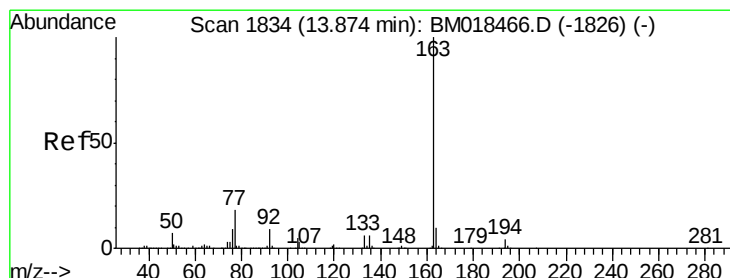
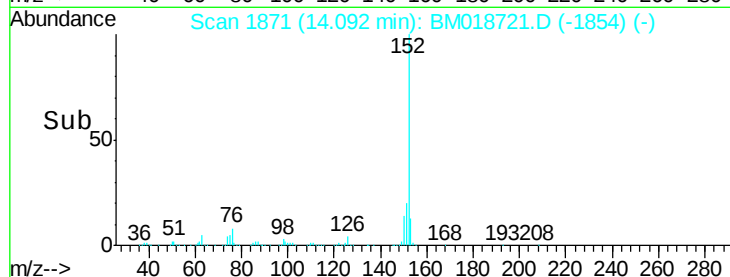
153 13.0 10.5 15.7



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



Time-->



#50

Dimethylphthalate

Concen: 38.309 ng

RT: 13.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

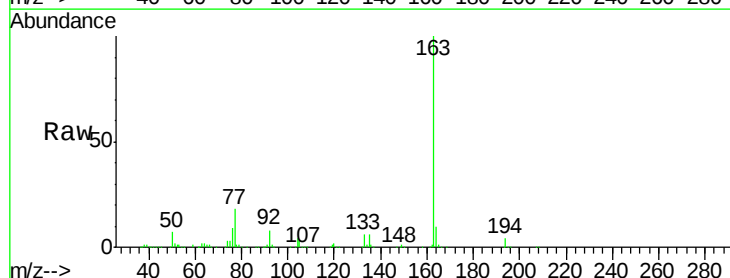
Tgt Ion:163 Resp: 1354919

Ion Ratio Lower Upper

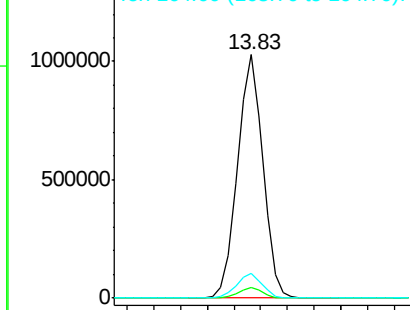
163 100

194 4.1 3.0 4.6

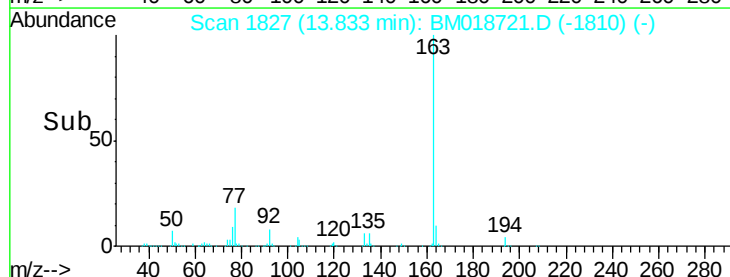
164 10.1 7.8 11.8

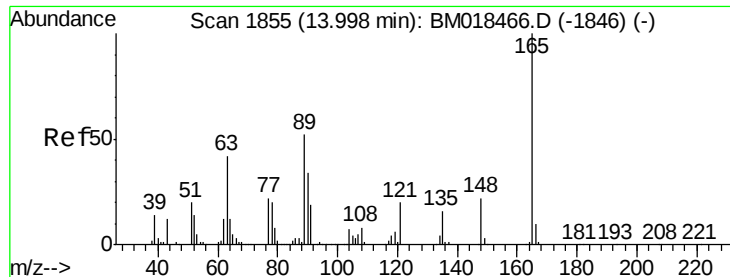


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Time-->

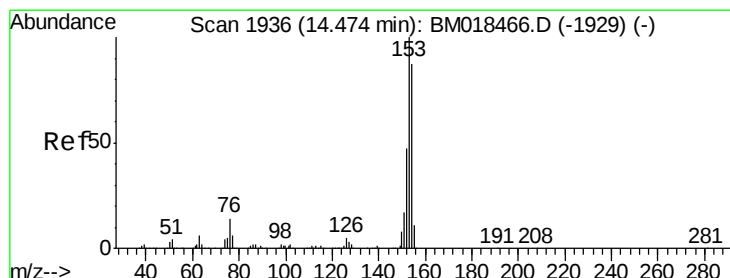
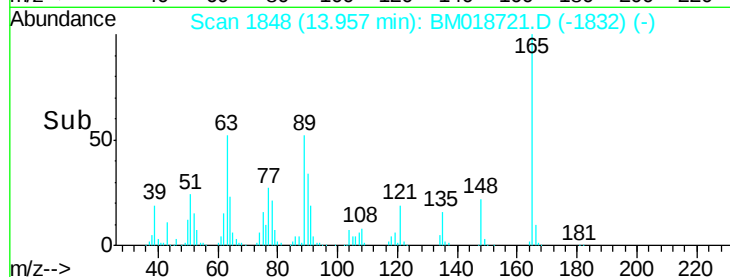
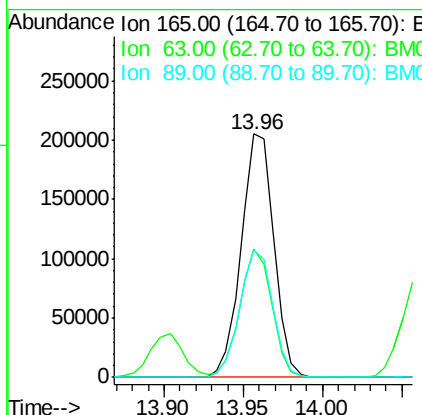
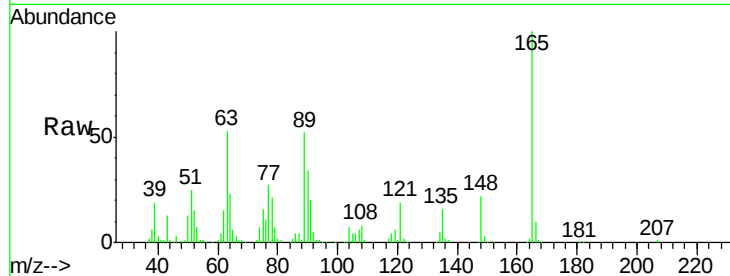




#51
2,6-Dinitrotoluene
Concen: 39.155 ng
RT: 13.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

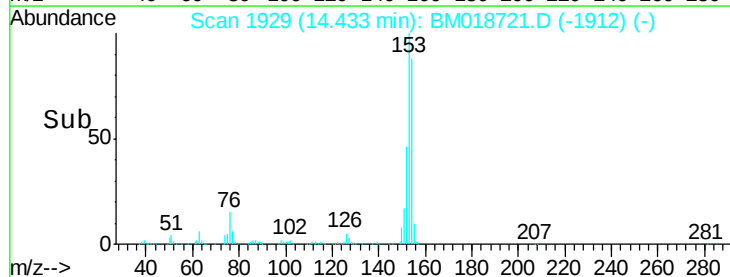
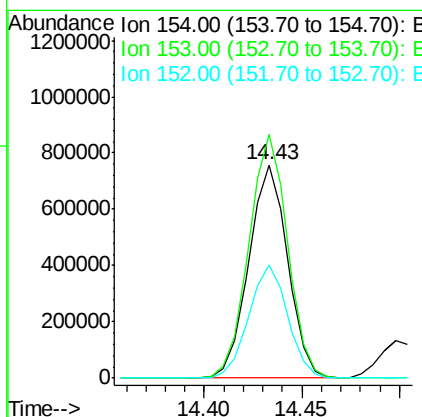
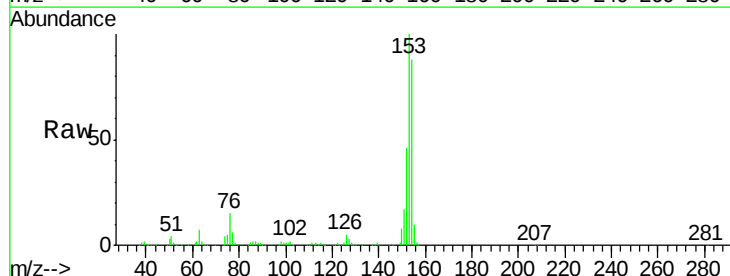
Instrument :
BNA_M
ClientSampleId :
PB116792BSD

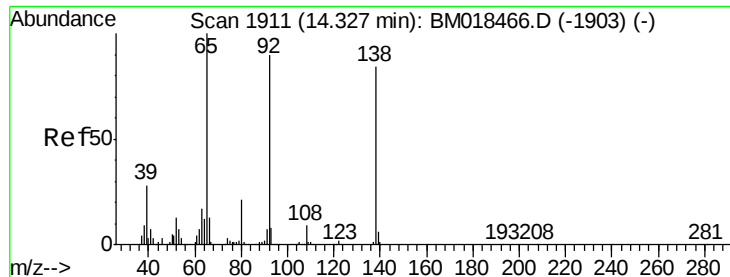
Tgt Ion:165 Resp: 293348
Ion Ratio Lower Upper
165 100
63 52.6 45.6 68.4
89 52.3 44.6 66.8



#52
Acenaphthene
Concen: 40.192 ng
RT: 14.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Tgt Ion:154 Resp: 1045024
Ion Ratio Lower Upper
154 100
153 114.2 92.3 138.5
152 52.9 43.8 65.6

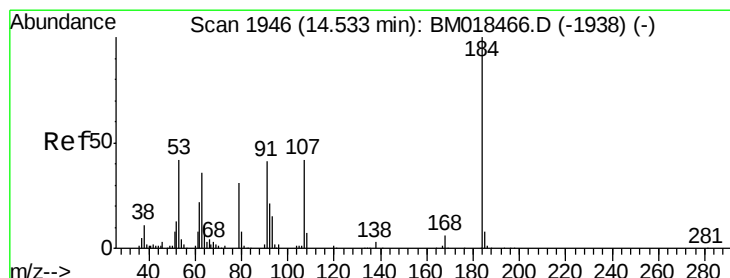
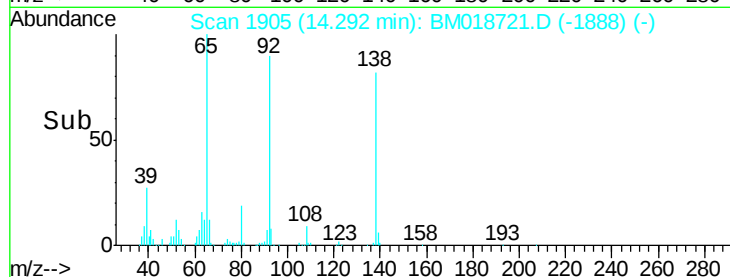
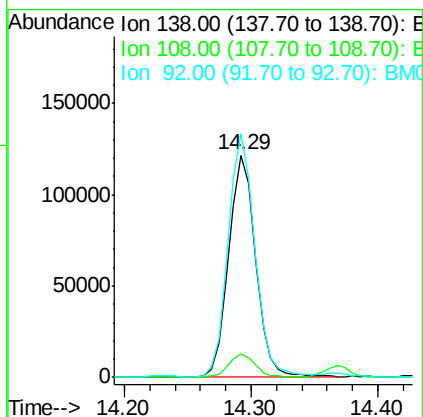
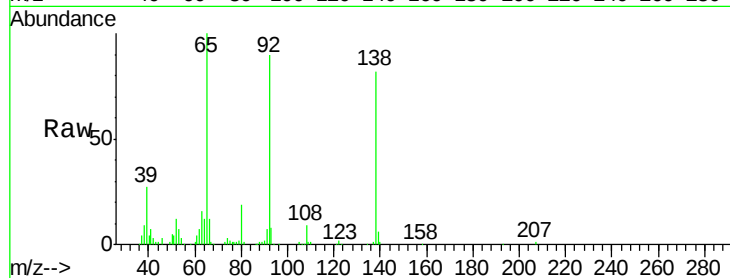




#53
3-Nitroaniline
Concen: 23.862 ng
RT: 14.29 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

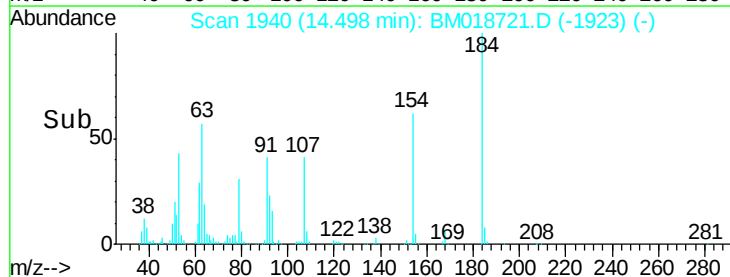
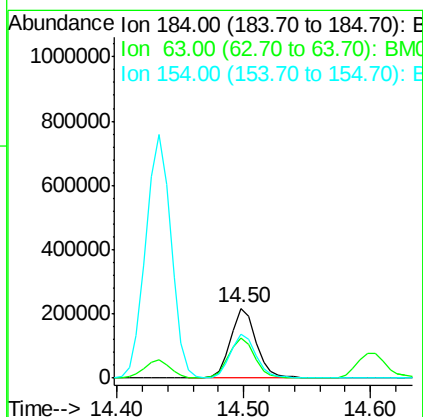
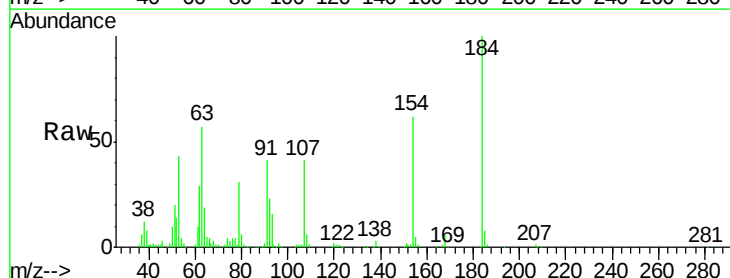
Instrument :
BNA_M
ClientSampleId :
PB116792BSD

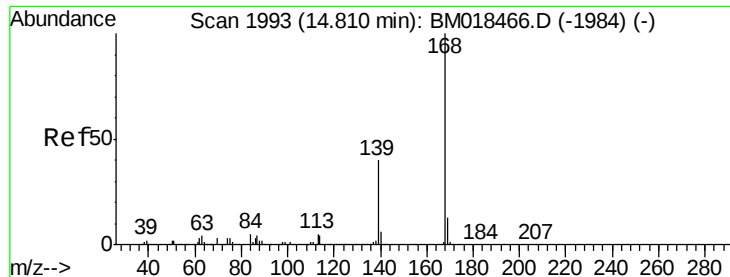
Tgt Ion:138 Resp: 180232
Ion Ratio Lower Upper
138 100
108 10.8 9.1 13.7
92 109.7 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 74.997 ng
RT: 14.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Tgt Ion:184 Resp: 302161
Ion Ratio Lower Upper
184 100
63 56.8 55.9 83.9
154 62.3 54.2 81.4





#55

Dibenzofuran

Concen: 38.825 ng

RT: 14.77 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

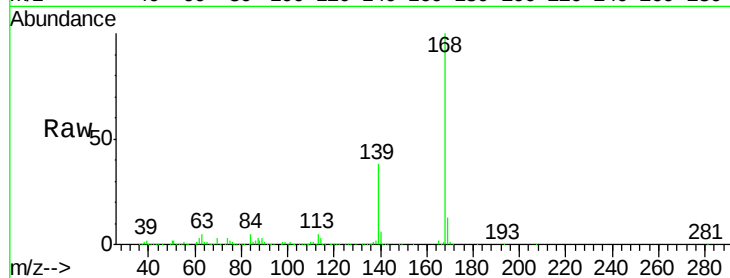
Tgt Ion:168 Resp: 1667941

Ion Ratio Lower Upper

168 100

139 38.3 30.3 45.5

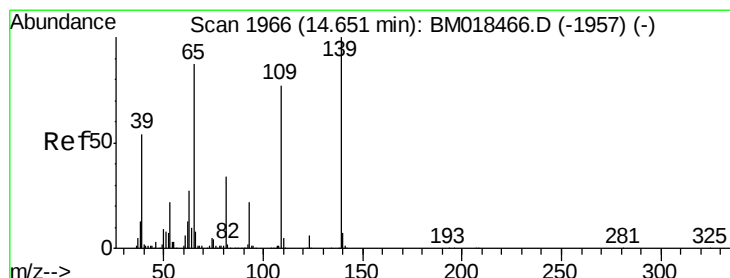
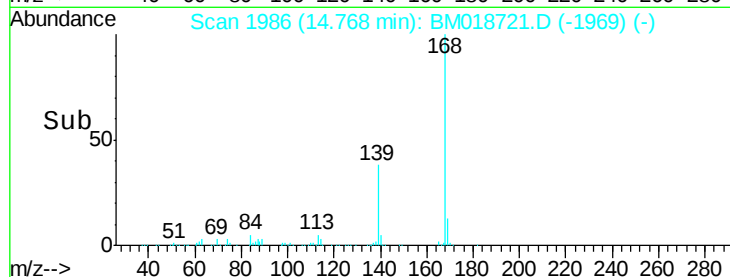
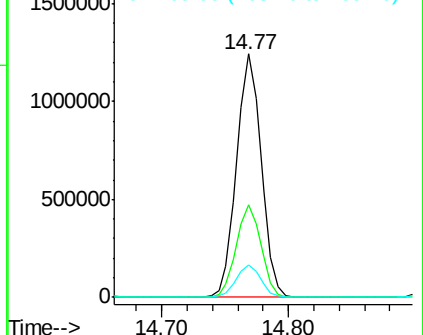
169 13.4 10.6 16.0



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: 72.585 ng

RT: 14.60 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

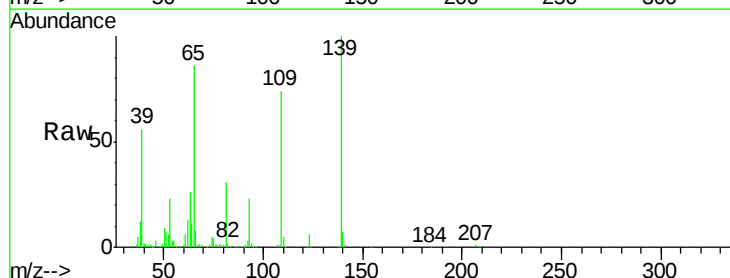
Tgt Ion:139 Resp: 473624

Ion Ratio Lower Upper

139 100

109 73.5 51.7 91.7

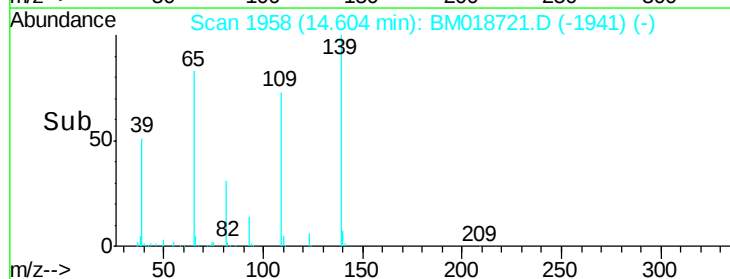
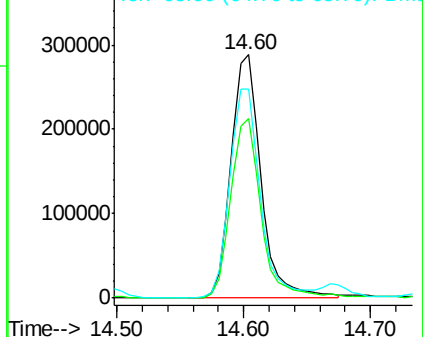
65 85.6 71.4 111.4

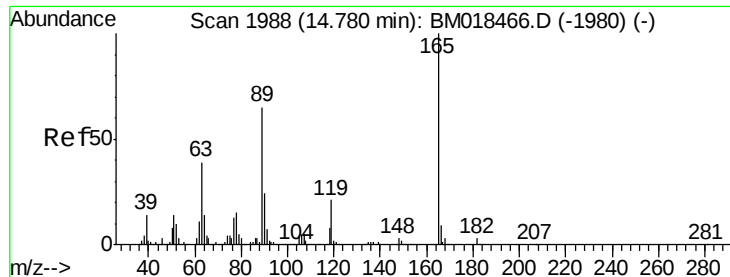


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

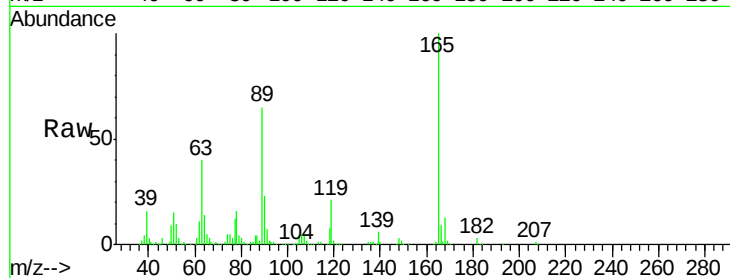




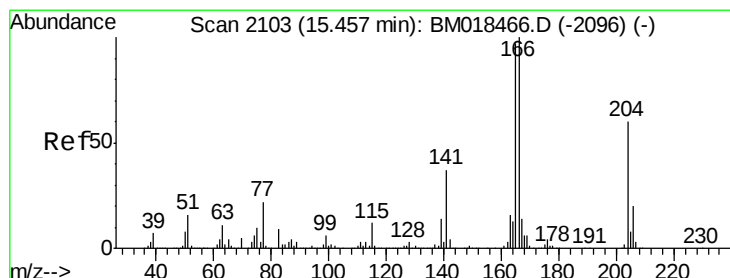
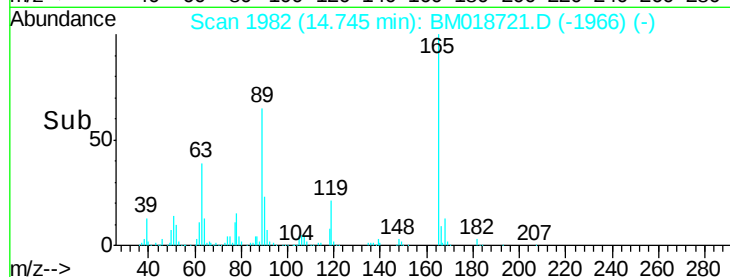
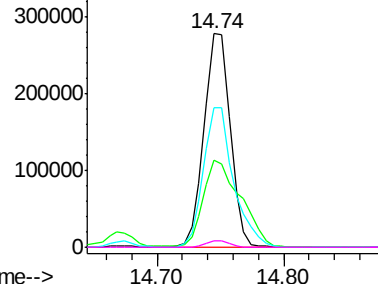
#57
 2,4-Dinitrotoluene
 Concen: 37.510 ng
 RT: 14.74 min Scan# 1982
 Delta R.T. -0.01 min
 Lab File: BM018721.D
 Acq: 04 Feb 2019 16:36

Instrument :
 BNA_M
 ClientSampleId :
 PB116792BSD

Tgt Ion:	165	Resp:	397610
Ion	Ratio	Lower	Upper
165	100		
63	40.5	32.2	48.2
89	65.3	52.1	78.1
182	3.0	2.5	3.7

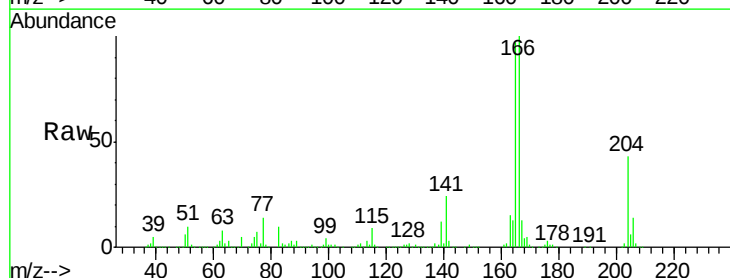


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BM018466.D (-1980) (-)
 Ion 89.00 (88.70 to 89.70): BM018466.D (-1980) (-)
 Ion 182.00 (181.70 to 182.70): E

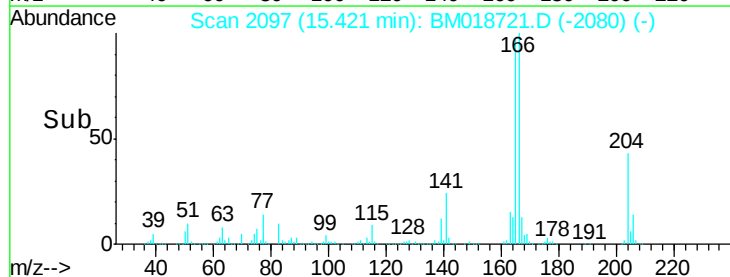
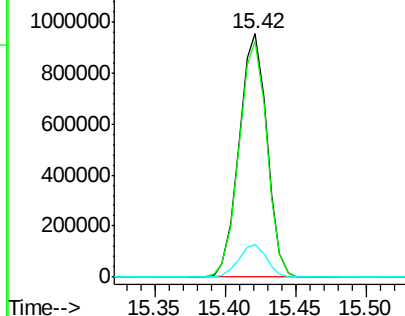


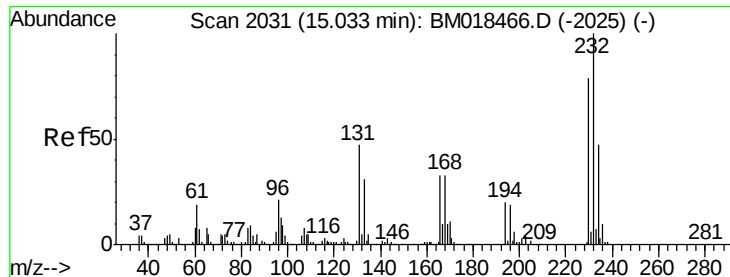
#58
 Fluorene
 Concen: 41.000 ng
 RT: 15.42 min Scan# 2097
 Delta R.T. 0.00 min
 Lab File: BM018721.D
 Acq: 04 Feb 2019 16:36

Tgt Ion:	166	Resp:	1312095
Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.3	117.5
167	13.2	10.9	16.3



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

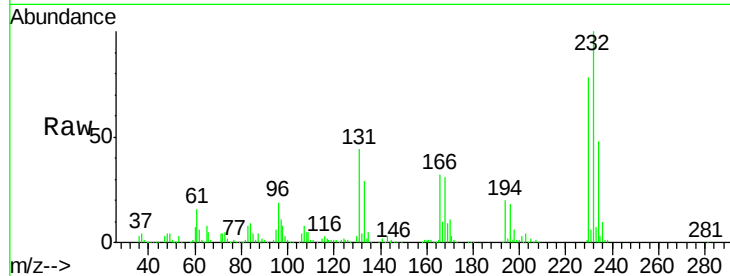




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.340 ng
RT: 15.00 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB116792BSD

Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.0	38.6	57.8
130	2.4	2.2	3.4
166	32.6	27.2	40.8

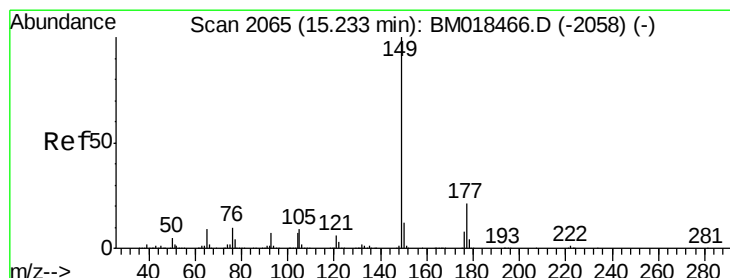
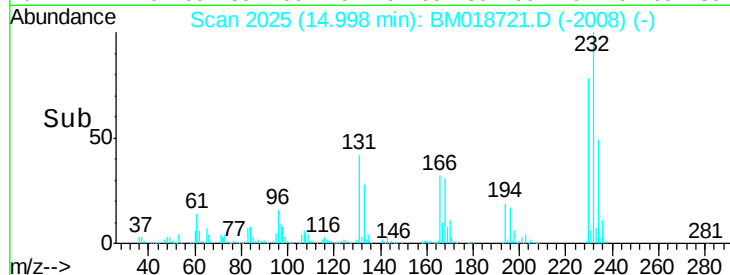
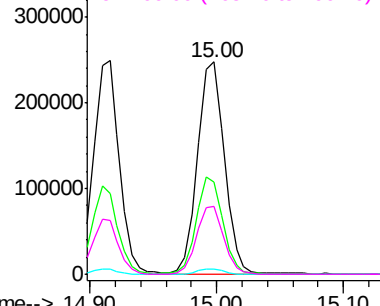


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

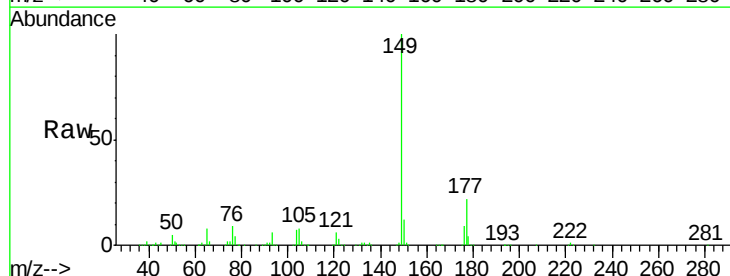
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 37.261 ng
RT: 15.20 min Scan# 2059
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

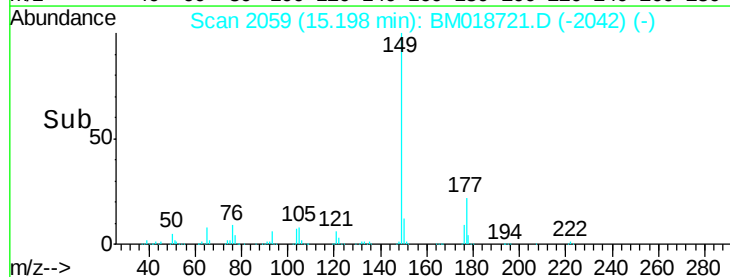
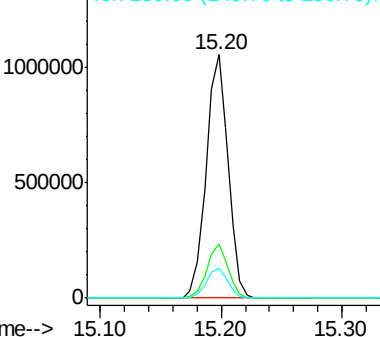
Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.1	17.1	25.7
150	12.4	9.8	14.6

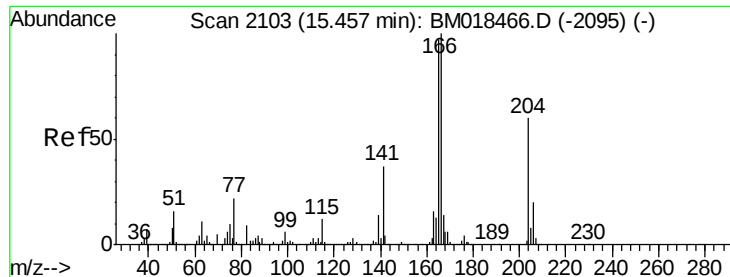


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

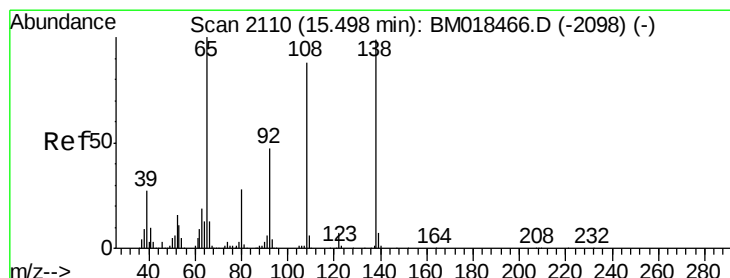
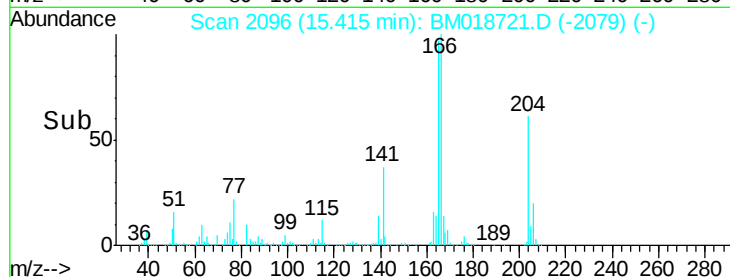
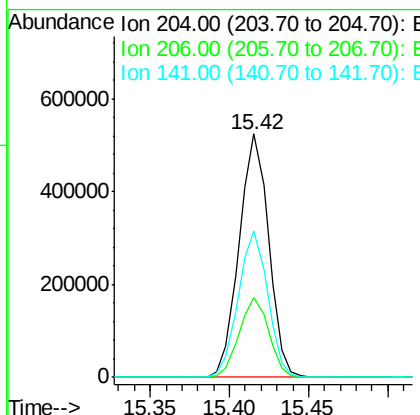
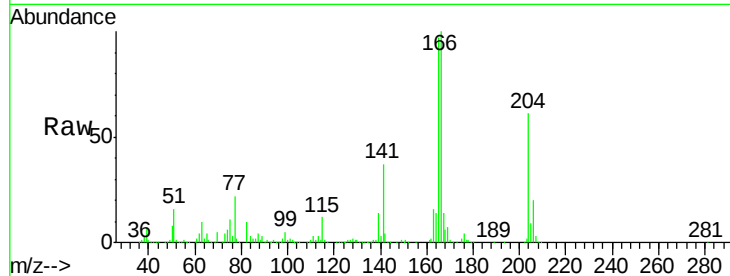




#61
4-Chlorophenyl-phenylether
Concen: 36.759 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

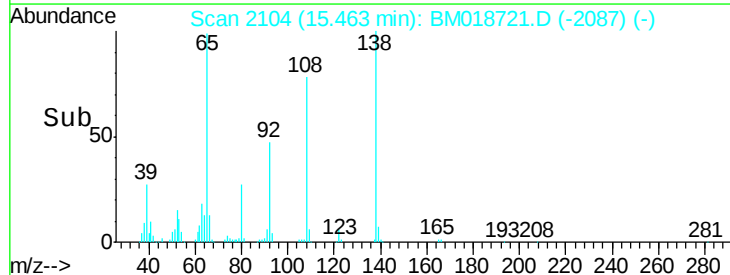
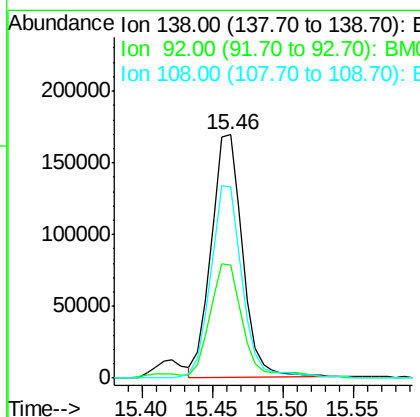
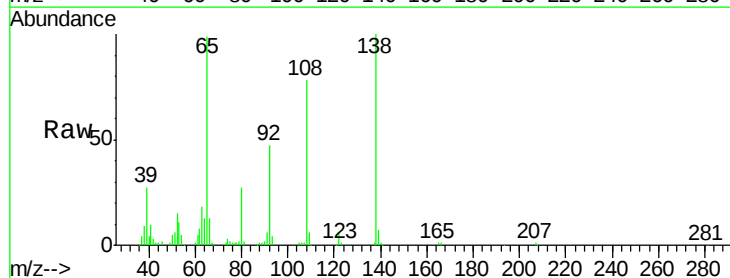
Instrument :
BNA_M
ClientSampleId :
PB116792BSD

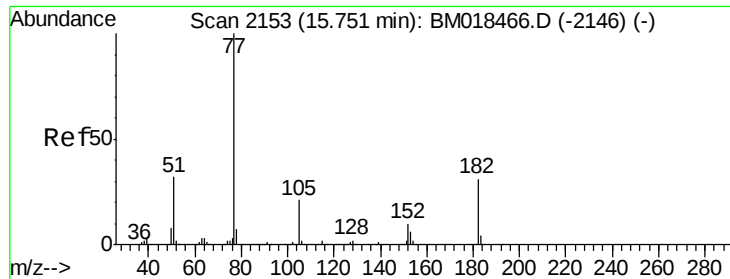
Tgt Ion:204 Resp: 678014
Ion Ratio Lower Upper
204 100
206 33.0 25.8 38.6
141 60.0 49.5 74.3



#62
4-Nitroaniline
Concen: 31.492 ng
RT: 15.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Tgt Ion:138 Resp: 259446
Ion Ratio Lower Upper
138 100
92 46.7 29.0 69.0
108 78.5 63.9 103.9

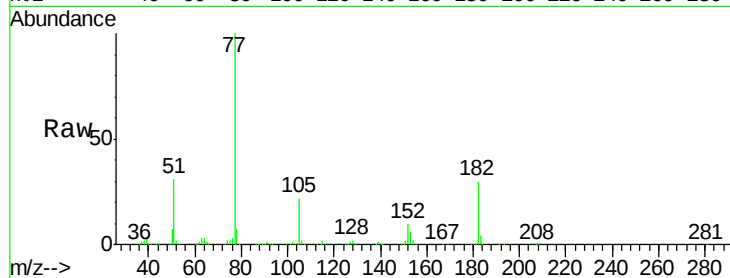




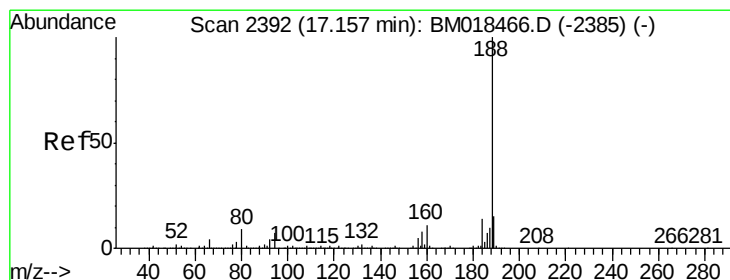
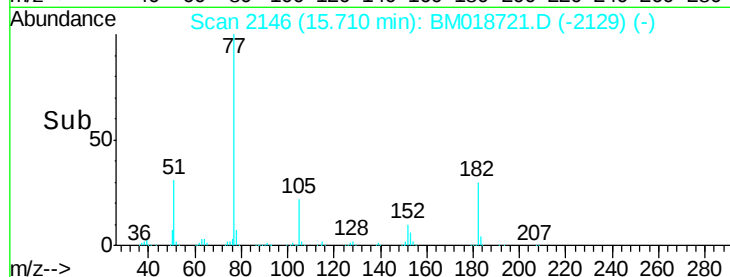
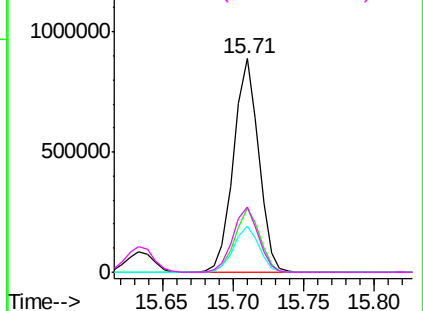
#63
Azobenzene
Concen: 37.810 ng
RT: 15.71 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB116792BSD

Tgt Ion: 77 Resp: 1100694
Ion Ratio Lower Upper
77 100
182 30.0 7.4 47.4
105 21.7 0.0 39.6
51 30.8 12.0 52.0

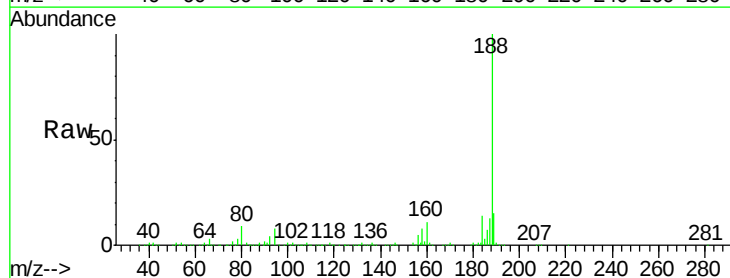


Abundance Ion 77.00 (76.70 to 77.70): BM018721.D (-2146) (-)

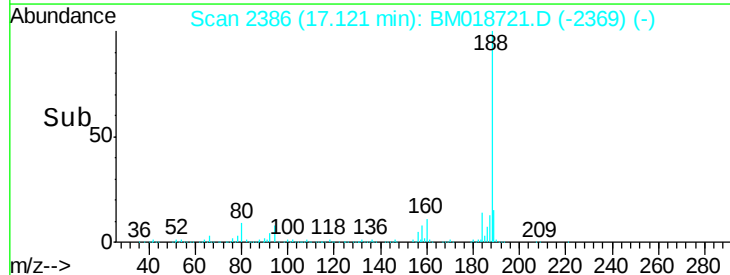
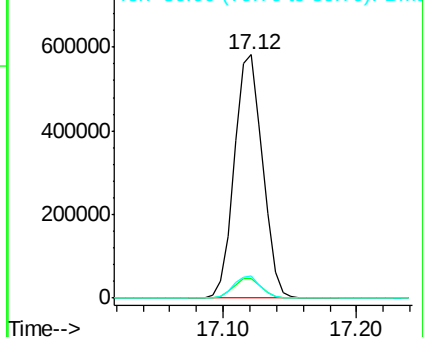


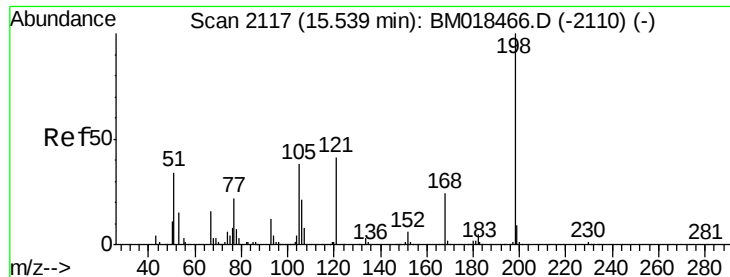
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Tgt Ion: 188 Resp: 854962
Ion Ratio Lower Upper
188 100
94 7.8 7.1 10.7
80 8.9 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): BM018721.D (-2385) (-)

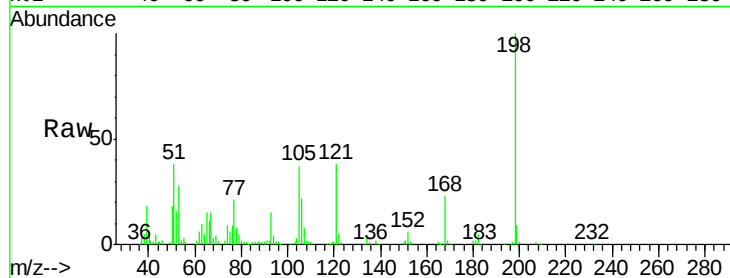




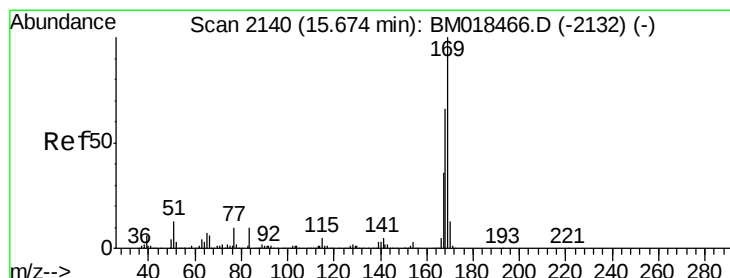
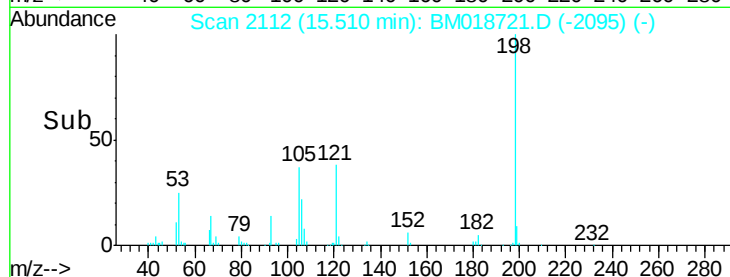
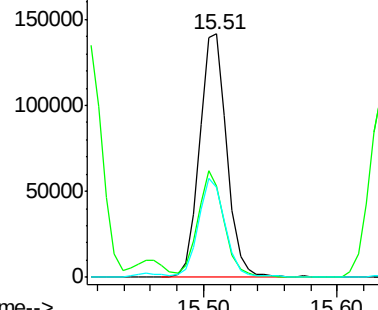
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.375 ng
 RT: 15.51 min Scan# 2112
 Delta R.T. 0.00 min
 Lab File: BM018721.D
 Acq: 04 Feb 2019 16:36

Instrument :
 BNA_M
 ClientSampleId :
 PB116792BSD

Tgt Ion:198 Resp: 202485
 Ion Ratio Lower Upper
 198 100
 51 37.5 29.6 69.6
 105 37.2 25.5 65.5

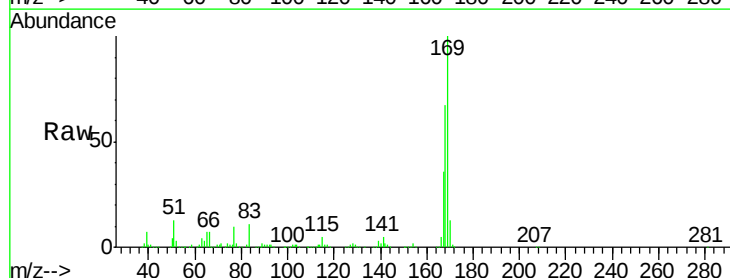


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BM018721.D (-2116) (-)
 Ion 105.00 (104.70 to 105.70): E

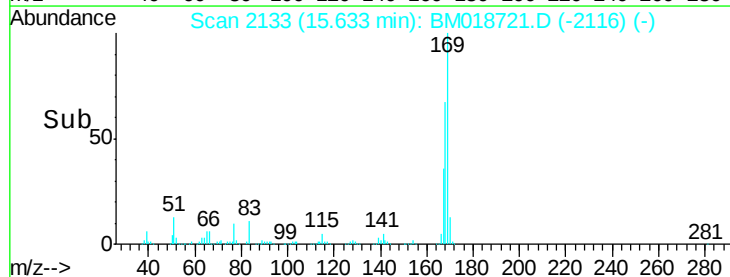
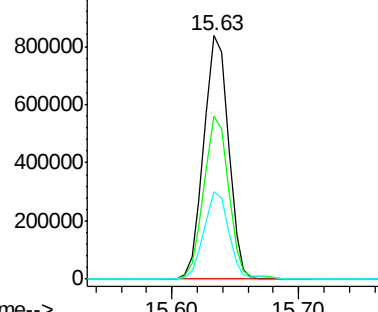


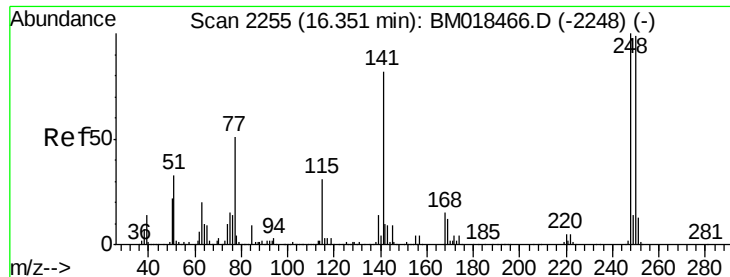
#66
 n-Nitrosodiphenylamine
 Concen: 42.377 ng
 RT: 15.63 min Scan# 2133
 Delta R.T. 0.00 min
 Lab File: BM018721.D
 Acq: 04 Feb 2019 16:36

Tgt Ion:169 Resp: 1123855
 Ion Ratio Lower Upper
 169 100
 168 66.8 54.1 81.1
 167 36.1 28.6 42.8



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

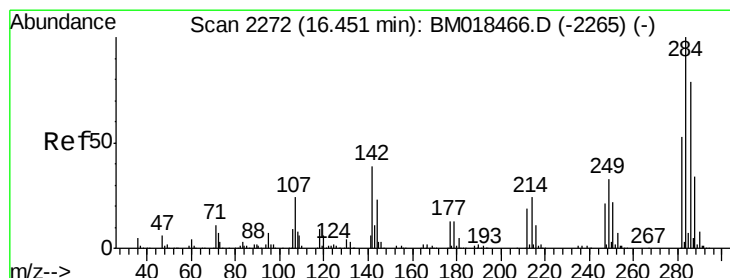
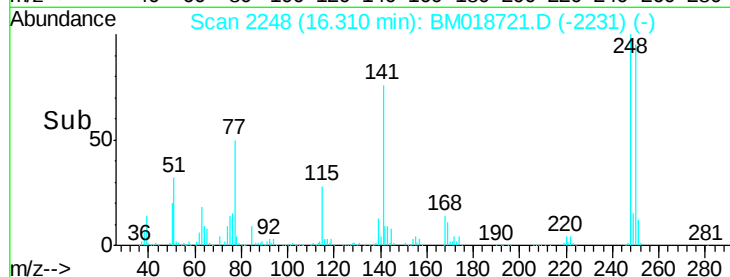
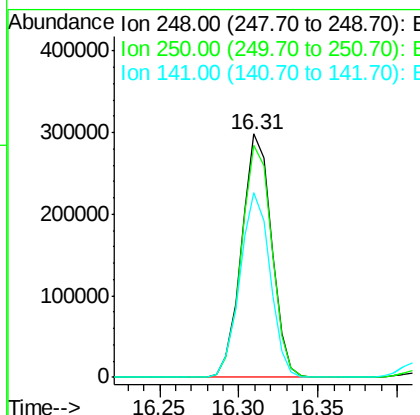
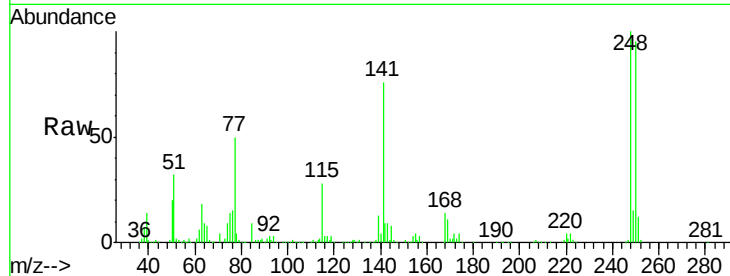




#67
 4-Bromophenyl-phenylether
 Concen: 40.943 ng
 RT: 16.31 min Scan# 2248
 Delta R.T. 0.00 min
 Lab File: BM018721.D
 Acq: 04 Feb 2019 16:36

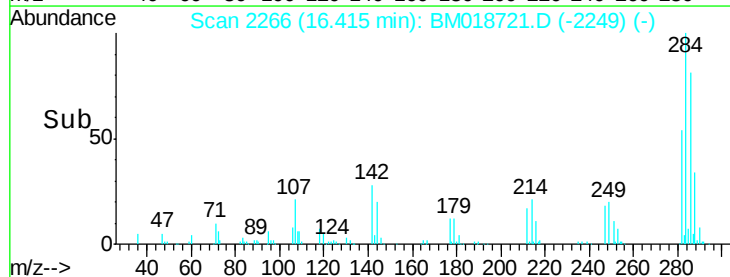
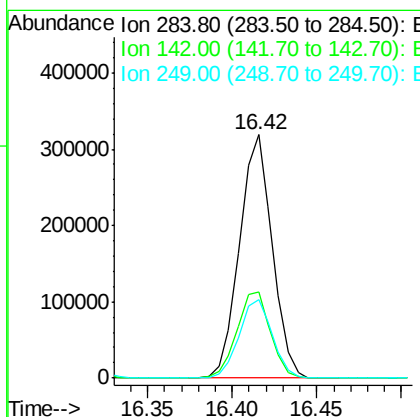
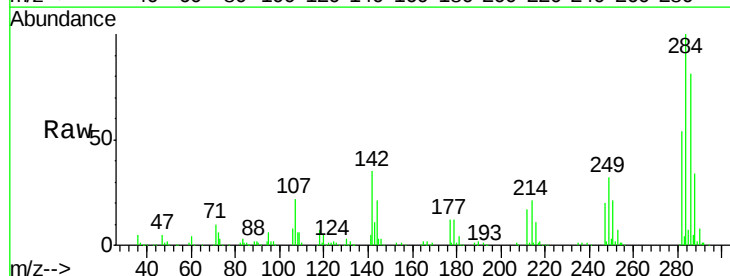
Instrument :
 BNA_M
 ClientSampleId :
 PB116792BSD

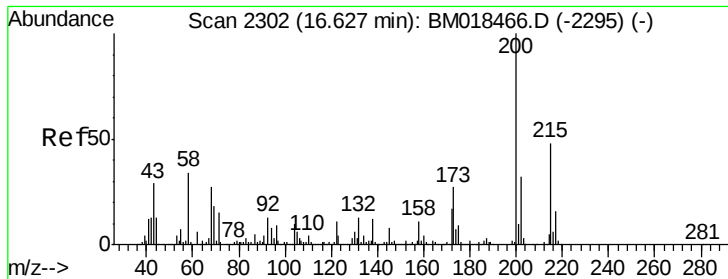
Tgt Ion:248 Resp: 391725
 Ion Ratio Lower Upper
 248 100
 250 95.5 76.0 114.0
 141 75.9 61.5 92.3



#68
 Hexachlorobenzene
 Concen: 40.137 ng
 RT: 16.42 min Scan# 2266
 Delta R.T. 0.00 min
 Lab File: BM018721.D
 Acq: 04 Feb 2019 16:36

Tgt Ion:284 Resp: 429893
 Ion Ratio Lower Upper
 284 100
 142 35.5 29.2 43.8
 249 32.0 26.1 39.1





#69

Atrazine

Concen: 39.991 ng

RT: 16.59 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

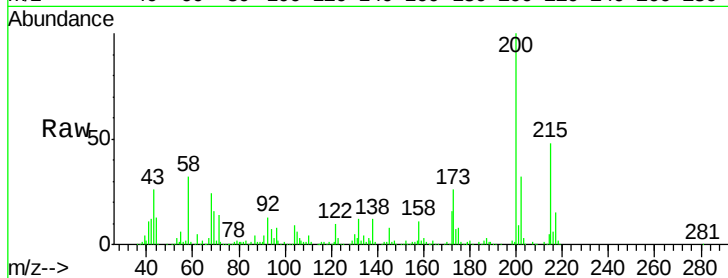
Tgt Ion:200 Resp: 383419

Ion Ratio Lower Upper

200 100

173 25.8 7.2 47.2

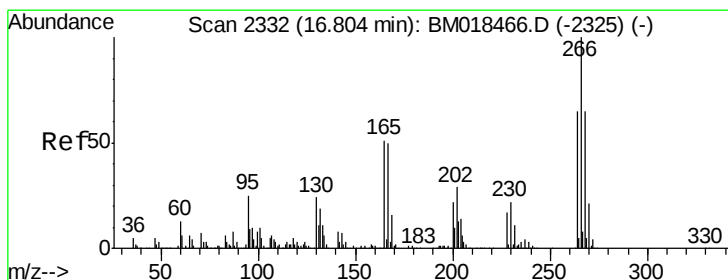
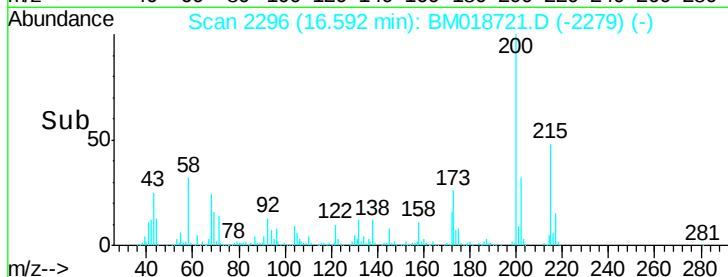
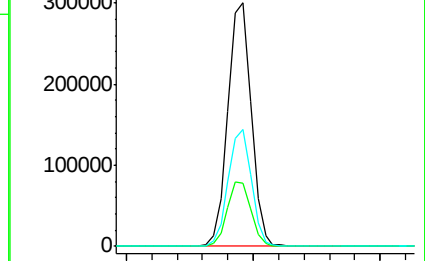
215 48.0 28.3 68.3



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: 74.096 ng

RT: 16.77 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

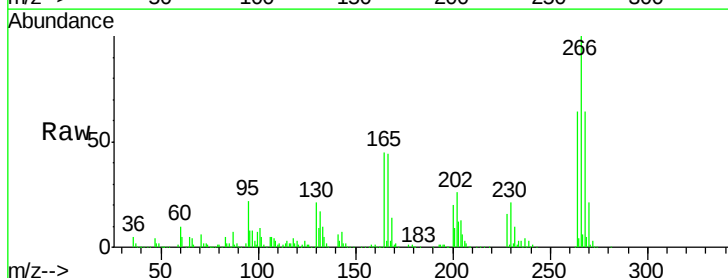
Tgt Ion:266 Resp: 519757

Ion Ratio Lower Upper

266 100

268 64.5 49.8 74.6

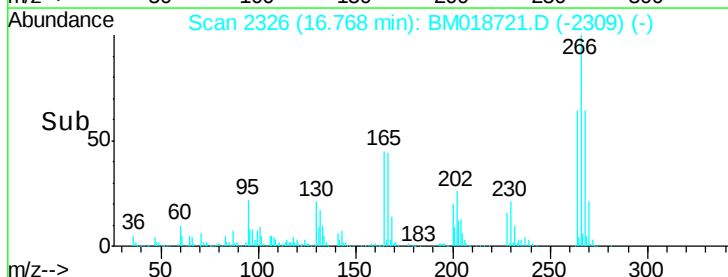
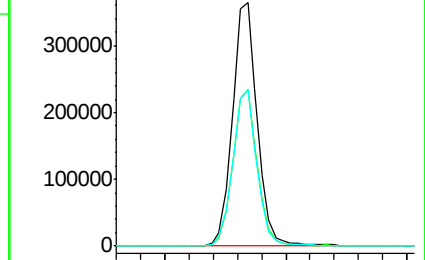
264 64.1 50.1 75.1

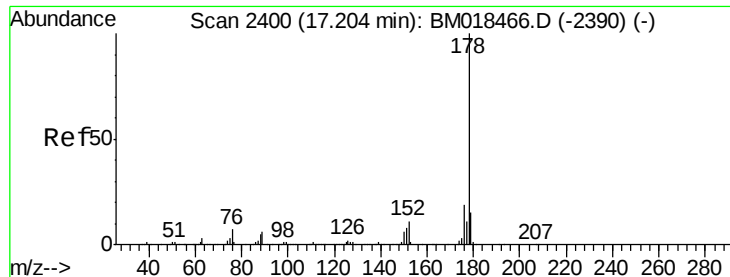


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

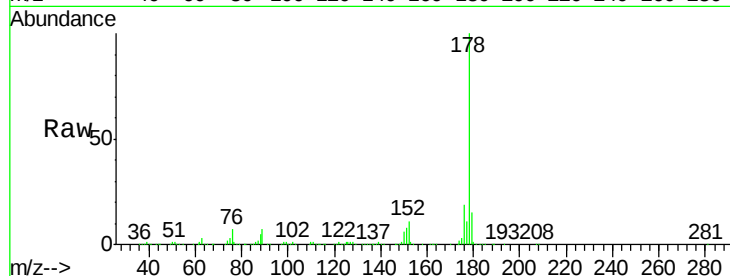




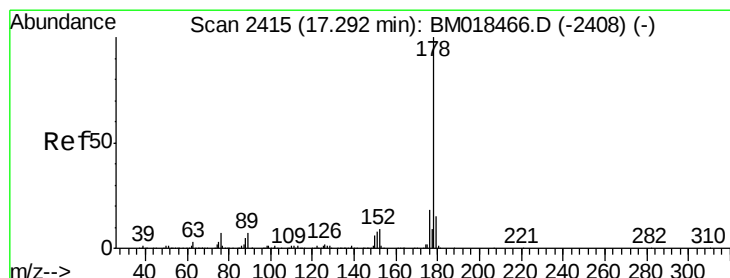
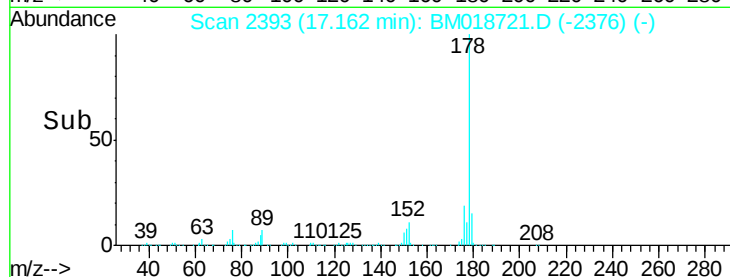
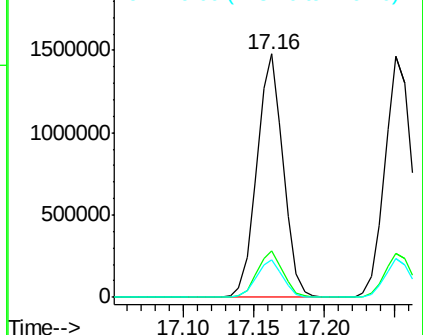
#71
Phenanthrene
Concen: 42.599 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB116792BSD

Tgt Ion:178 Resp: 1937202
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.2 12.2 18.4

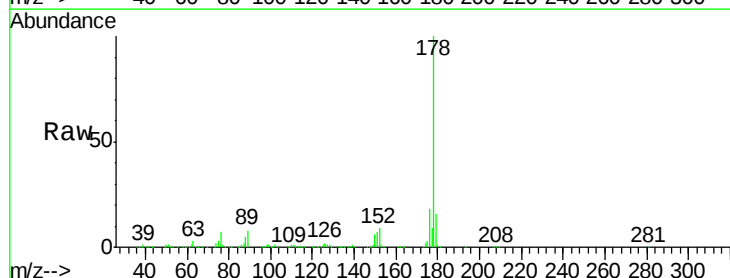


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

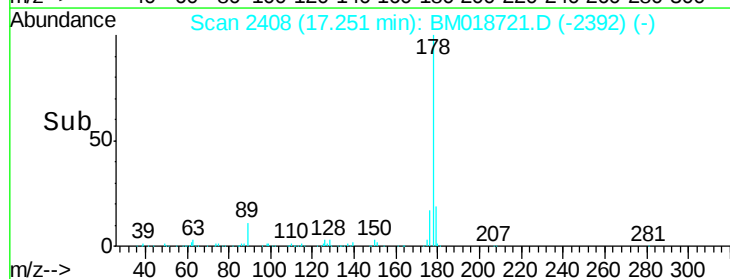
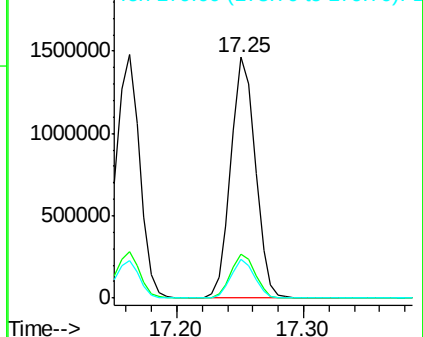


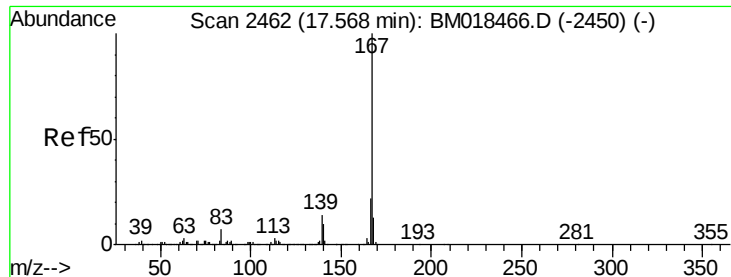
#72
Anthracene
Concen: 44.637 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Tgt Ion:178 Resp: 1951941
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.9 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

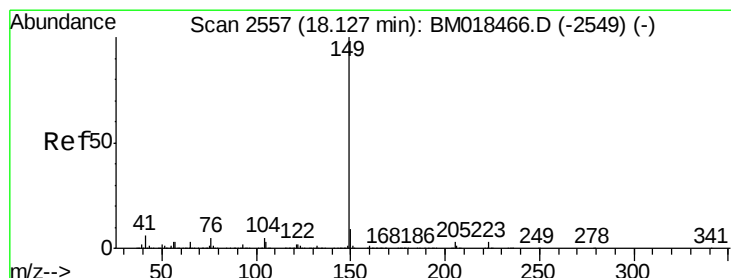
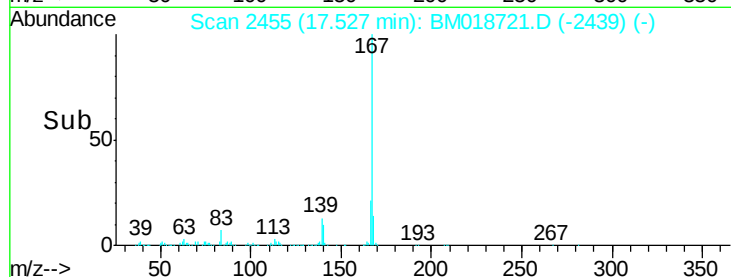
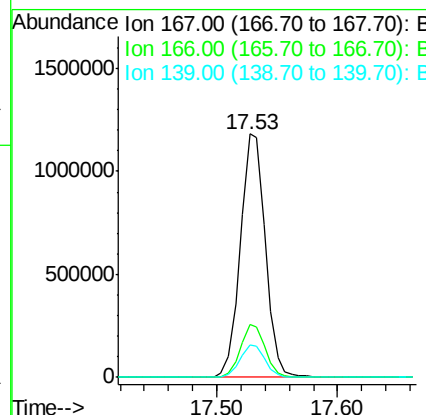
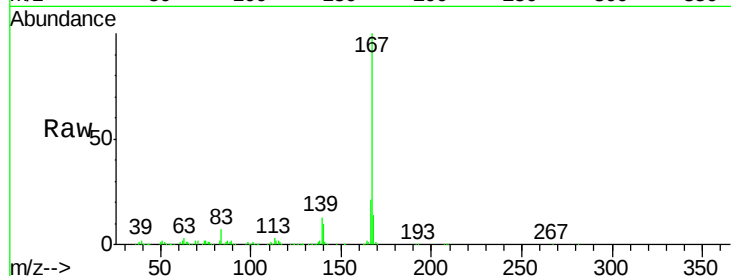




#73
 Carbazole
 Concen: 38.045 ng
 RT: 17.53 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BM018721.D
 Acq: 04 Feb 2019 16:36

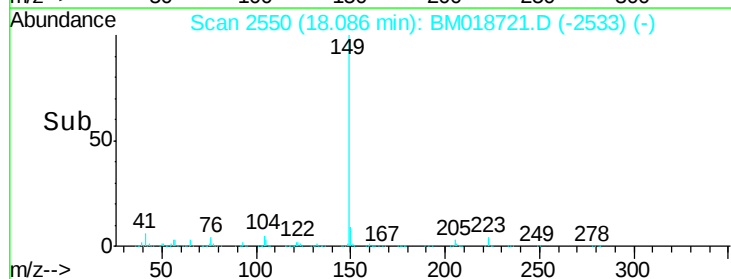
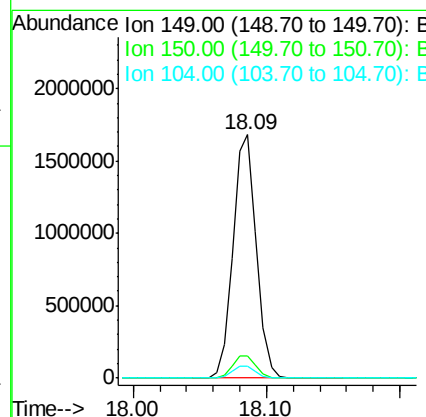
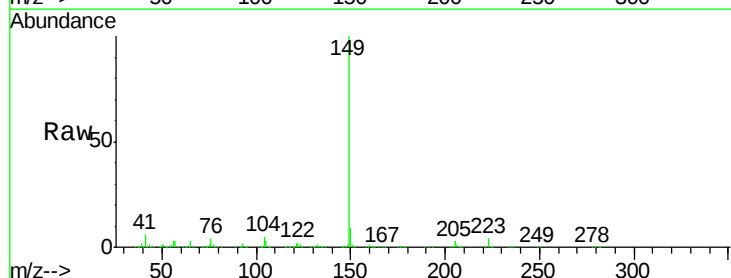
Instrument :
 BNA_M
 ClientSampleId :
 PB116792BSD

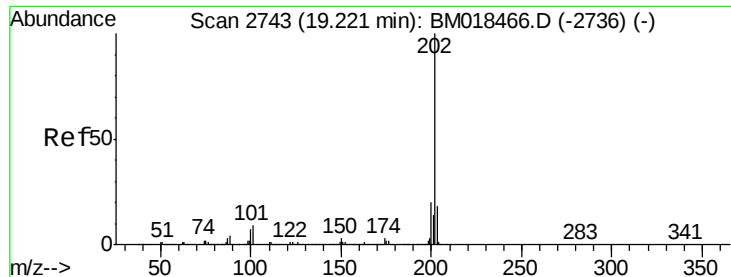
Tgt Ion:167 Resp: 1709273
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.2
 139 13.2 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 41.681 ng
 RT: 18.09 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: BM018721.D
 Acq: 04 Feb 2019 16:36

Tgt Ion:149 Resp: 2051203
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.7 4.2 6.4





#75

Fluoranthene

Concen: 40.363 ng

RT: 19.18 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

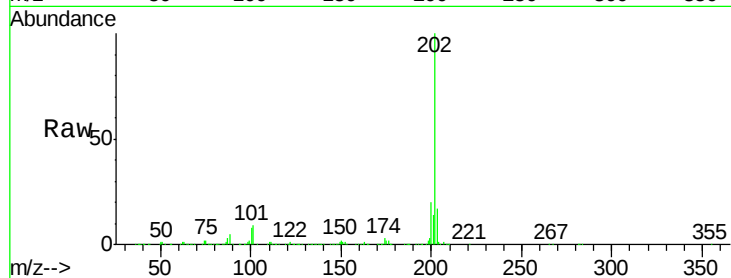
Tgt Ion:202 Resp: 2116221

Ion Ratio Lower Upper

202 100

101 9.5 0.0 30.9

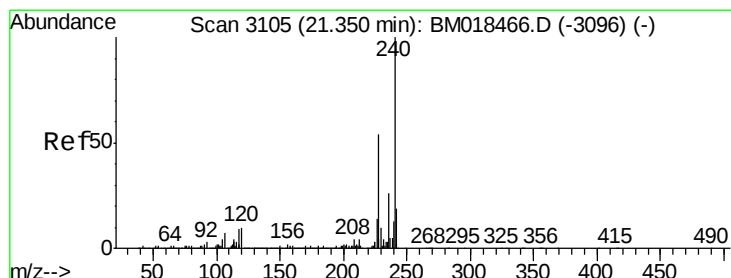
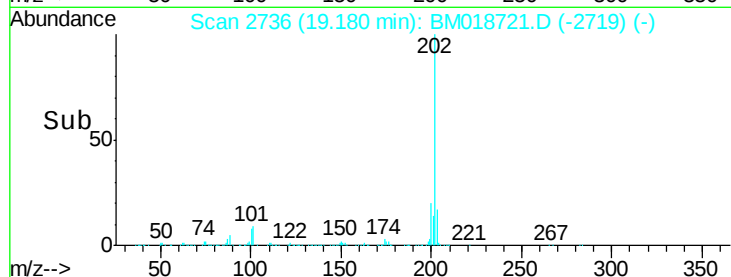
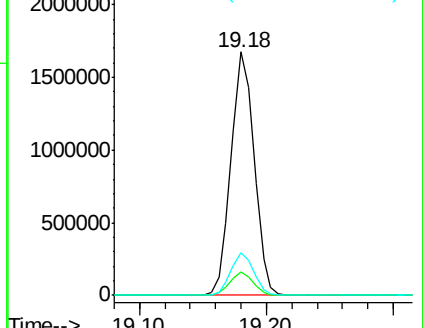
203 17.3 0.0 37.4



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: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

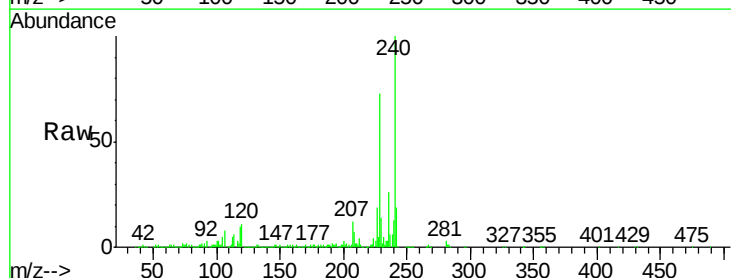
Tgt Ion:240 Resp: 784095

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

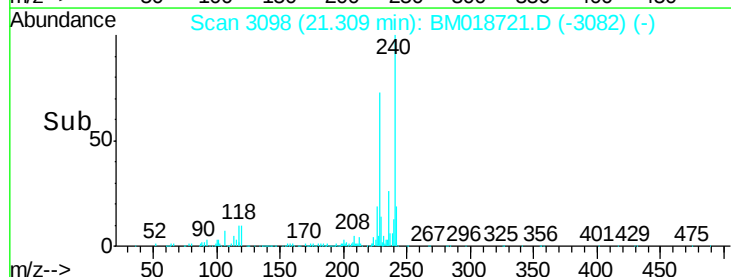
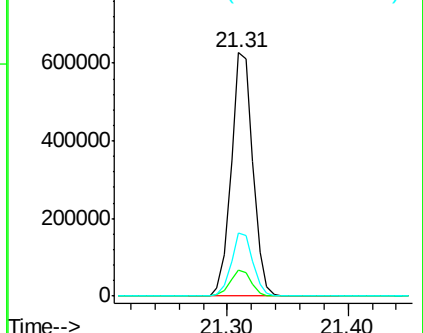
236 25.9 20.7 31.1

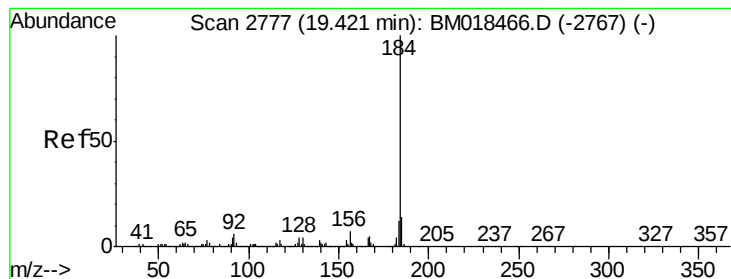


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 44.470 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

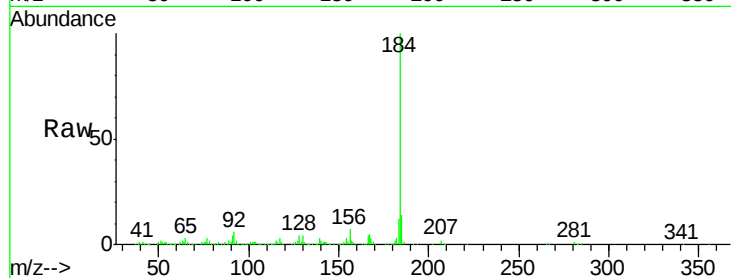
Tgt Ion:184 Resp: 860965

Ion Ratio Lower Upper

184 100

185 13.9 11.4 17.0

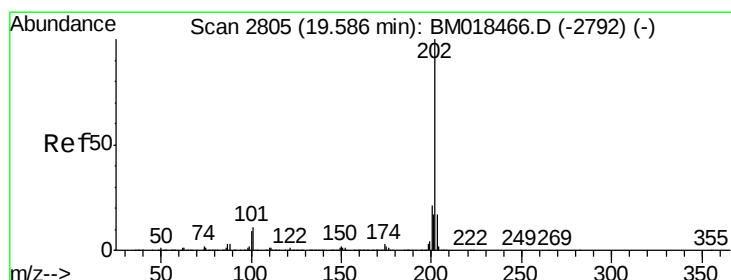
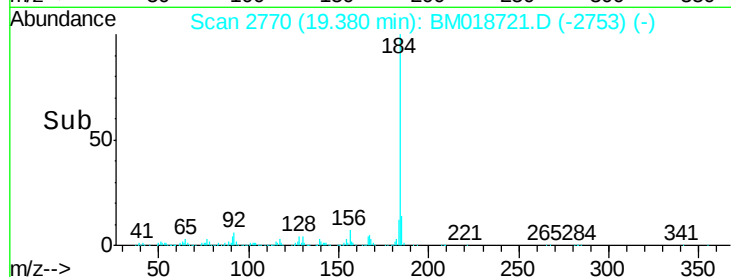
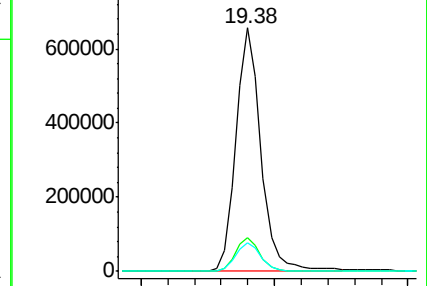
183 11.9 9.5 14.3



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: 46.284 ng

RT: 19.54 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

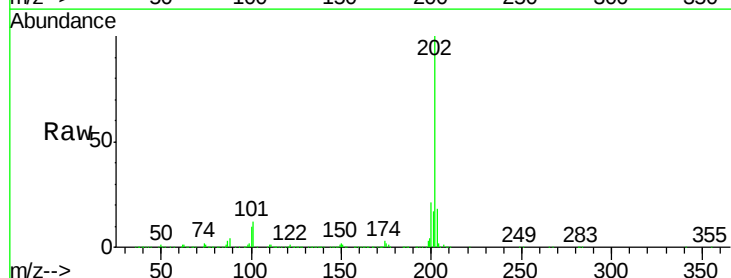
Tgt Ion:202 Resp: 2151129

Ion Ratio Lower Upper

202 100

200 20.8 16.6 24.8

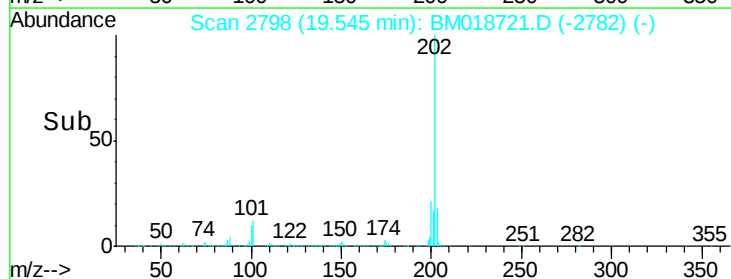
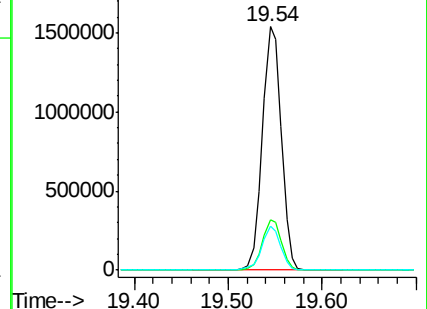
203 17.8 13.8 20.8

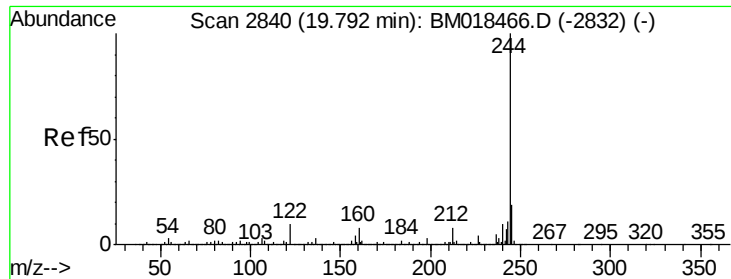


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 90.299 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

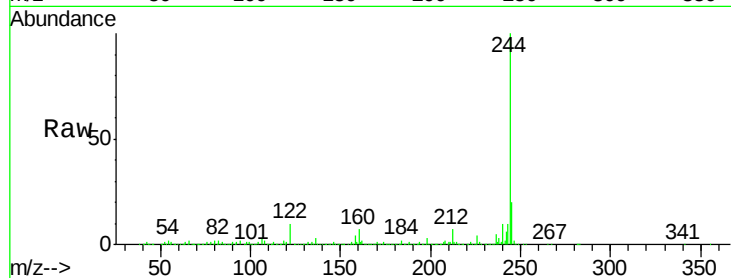
Tgt Ion:244 Resp: 3358719

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

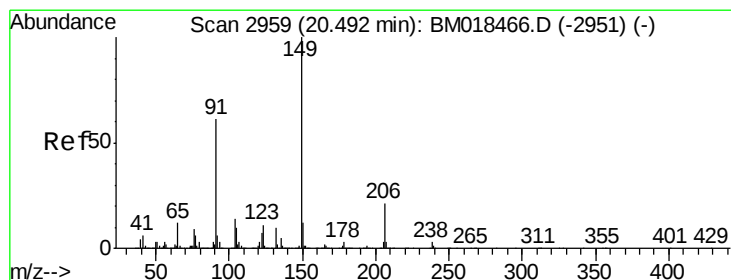
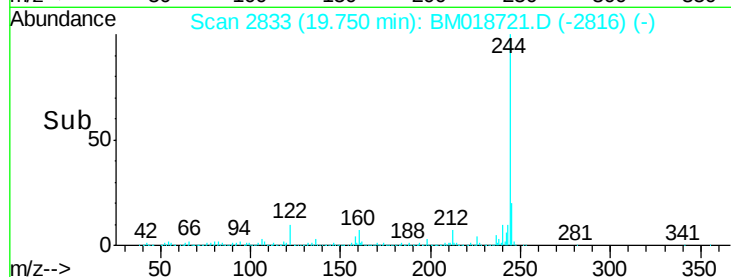
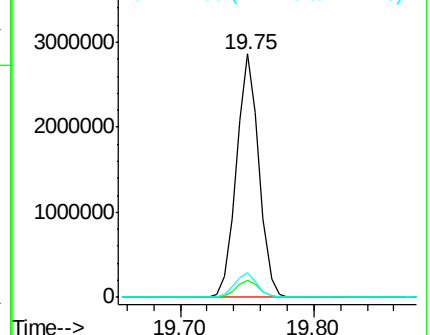
122 10.0 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.387 ng

RT: 20.45 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

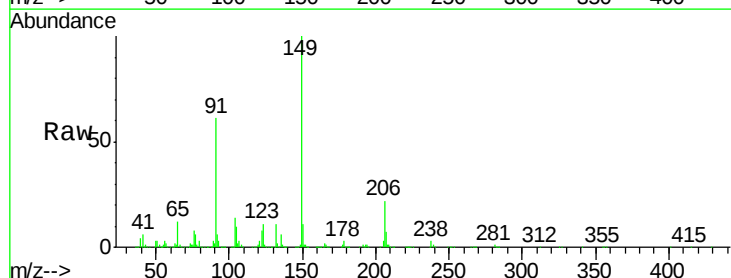
Tgt Ion:149 Resp: 880297

Ion Ratio Lower Upper

149 100

91 61.0 53.1 79.7

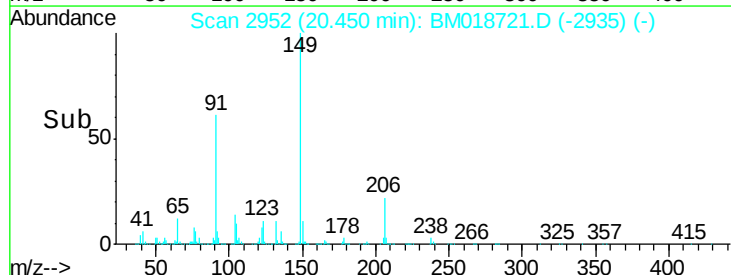
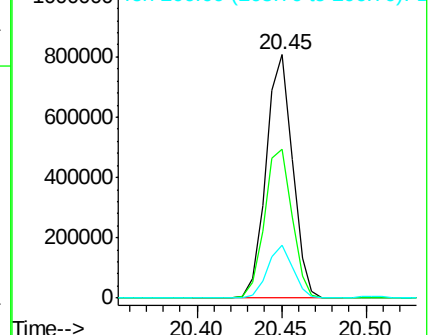
206 21.8 16.2 24.4

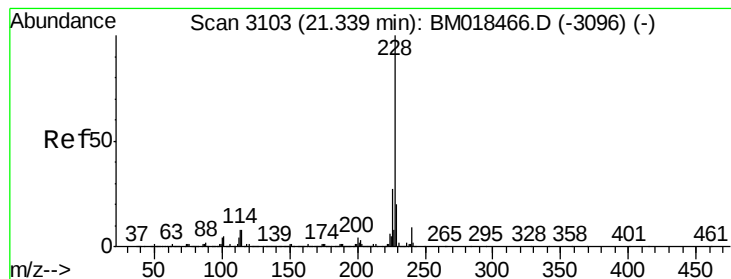


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 43.498 ng

RT: 21.30 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

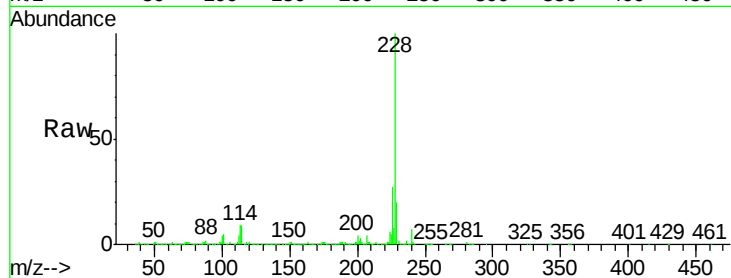
Tgt Ion:228 Resp: 2009258

Ion Ratio Lower Upper

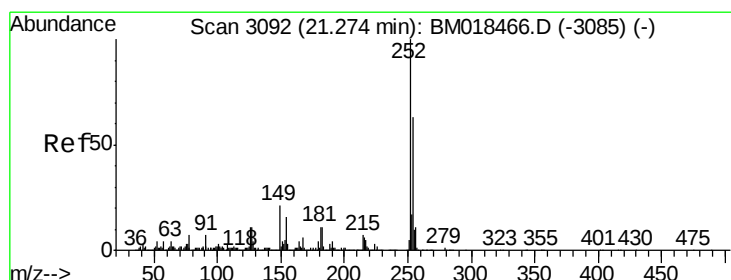
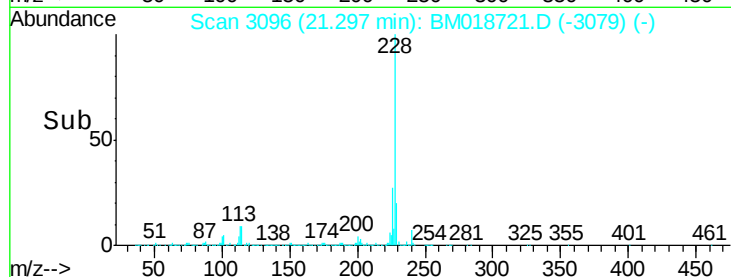
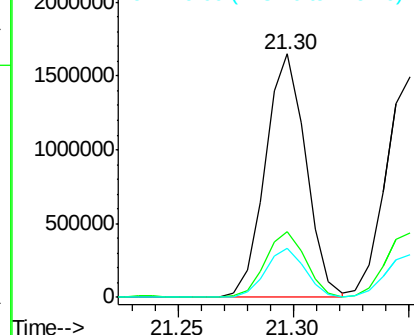
228 100

226 27.2 21.8 32.6

229 20.1 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 31.942 ng

RT: 21.24 min Scan# 3086

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

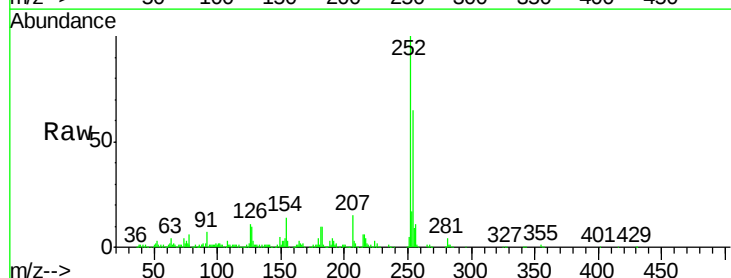
Tgt Ion:252 Resp: 557940

Ion Ratio Lower Upper

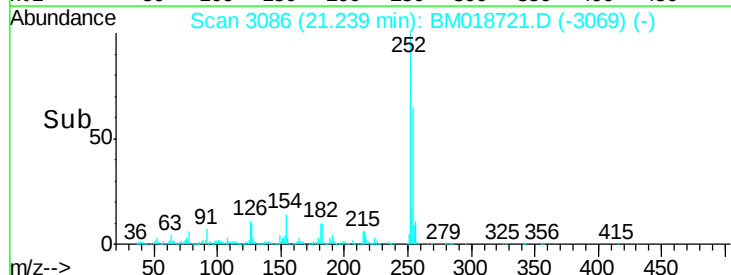
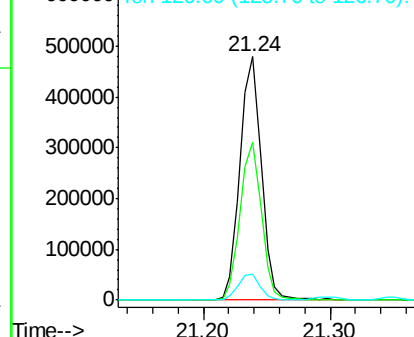
252 100

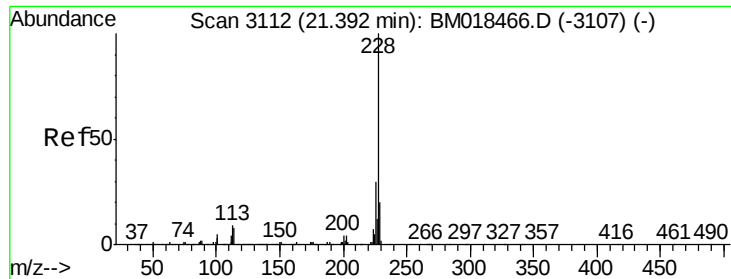
254 64.8 51.4 77.0

126 10.6 8.7 13.1



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 42.831 ng

RT: 21.35 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

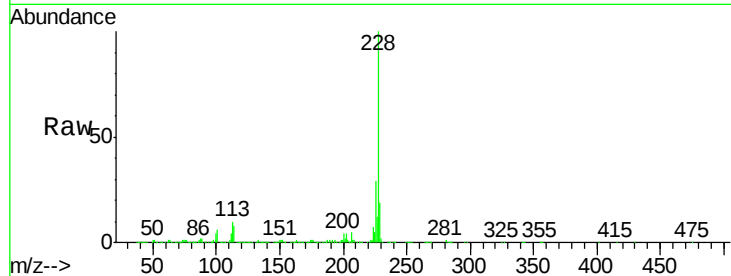
Tgt Ion:228 Resp: 1910507

Ion Ratio Lower Upper

228 100

226 29.3 24.2 36.2

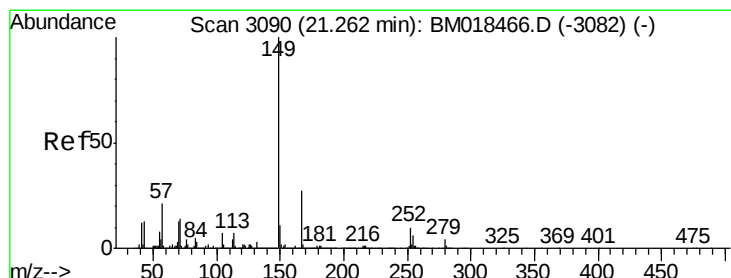
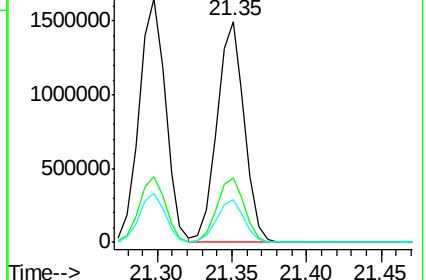
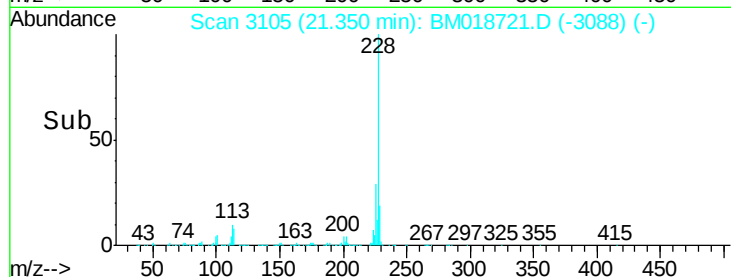
229 19.5 15.6 23.4



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: 42.635 ng

RT: 21.22 min Scan# 3083

Delta R.T. 0.01 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

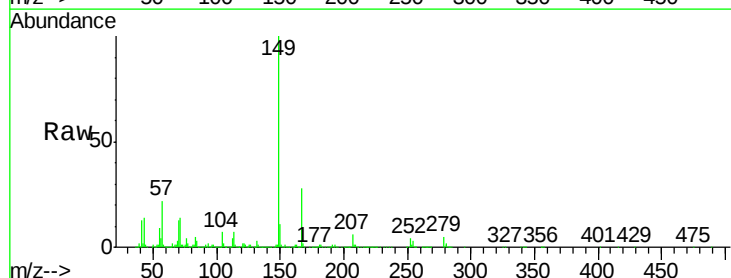
Tgt Ion:149 Resp: 1220967

Ion Ratio Lower Upper

149 100

167 27.9 21.6 32.4

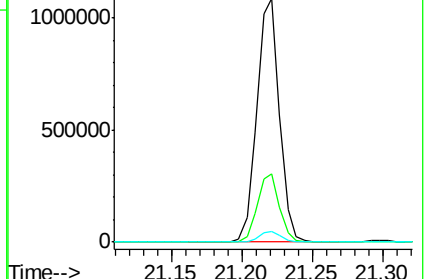
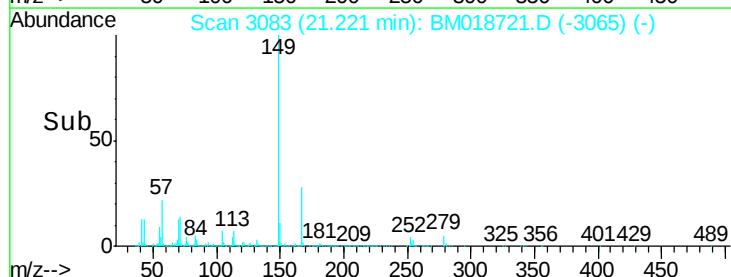
279 4.6 3.3 4.9

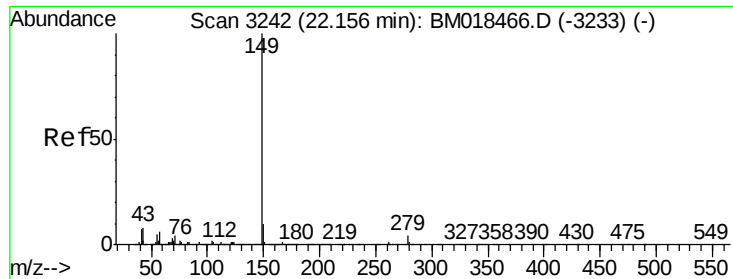


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

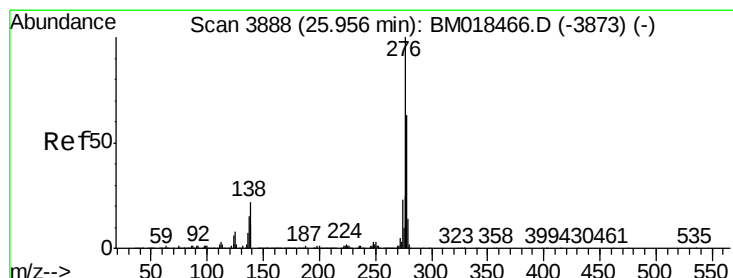
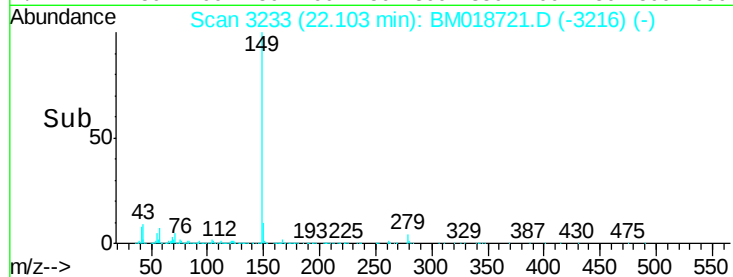
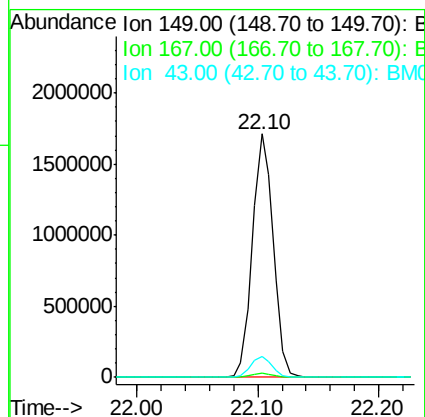
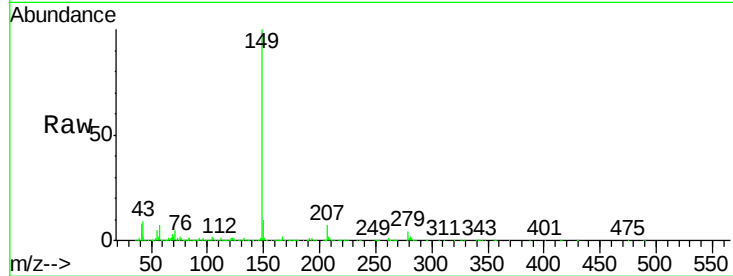




#85
Di-n-octyl phthalate
Concen: 42.745 ng
RT: 22.10 min Scan# 3233
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

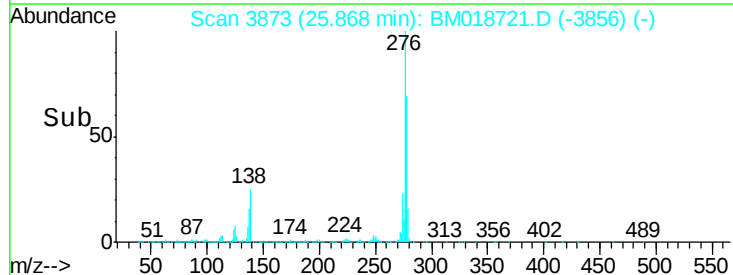
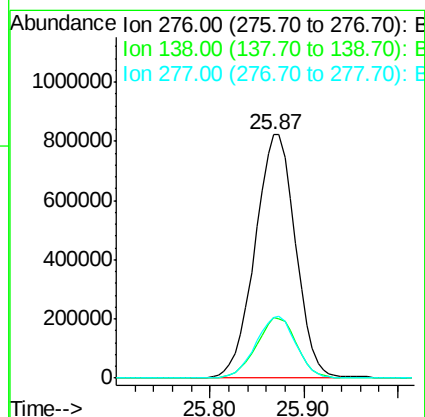
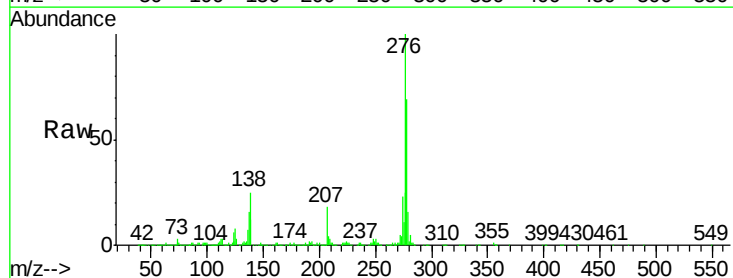
Instrument :
BNA_M
ClientSampleId :
PB116792BSD

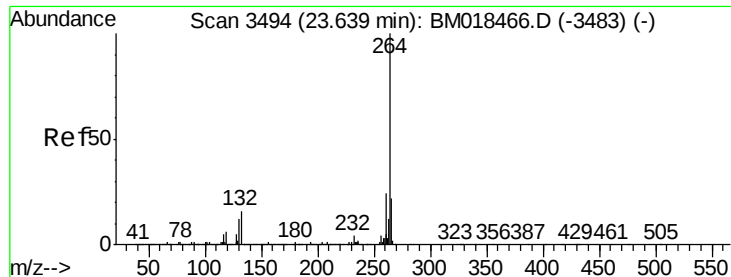
Tgt Ion:149 Resp: 2058876
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.7 8.6 12.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.767 ng
RT: 25.87 min Scan# 3873
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Tgt Ion:276 Resp: 2456911
Ion Ratio Lower Upper
276 100
138 24.9 21.5 32.3
277 25.1 20.2 30.2



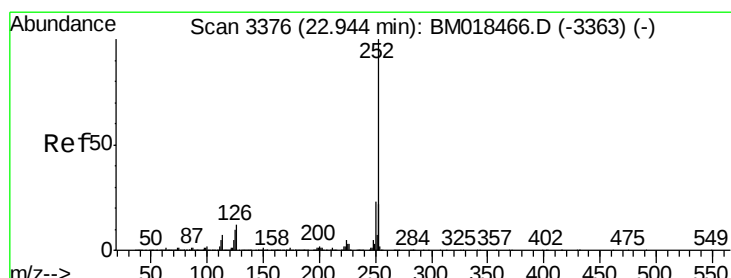
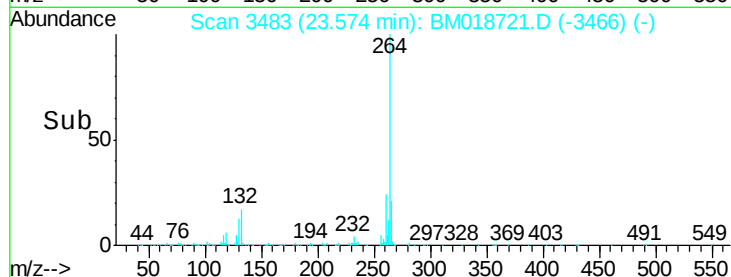
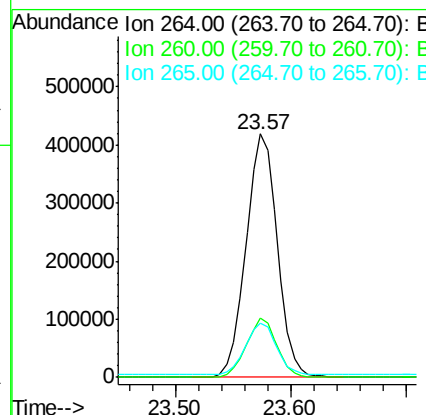
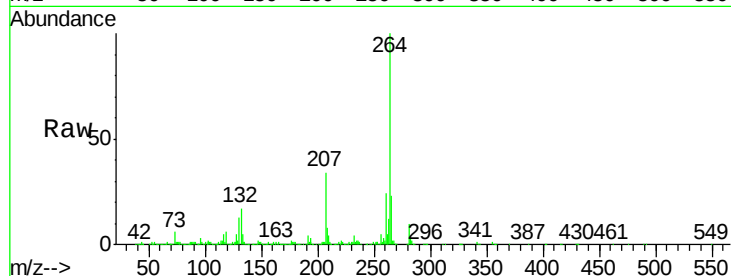


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3483
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Instrument :
BNA_M
ClientSampleId :
PB116792BSD

Tgt Ion: 264 Resp: 790798

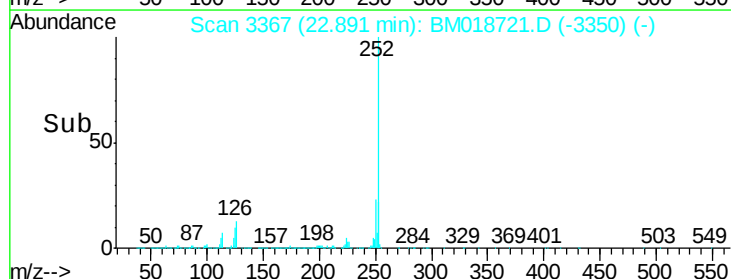
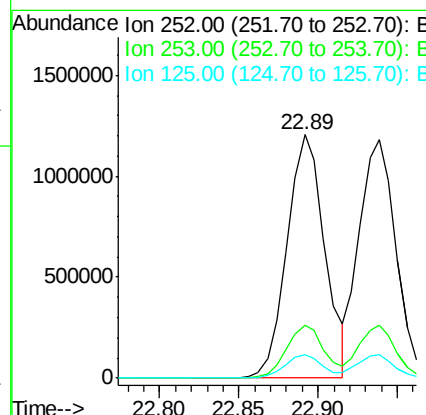
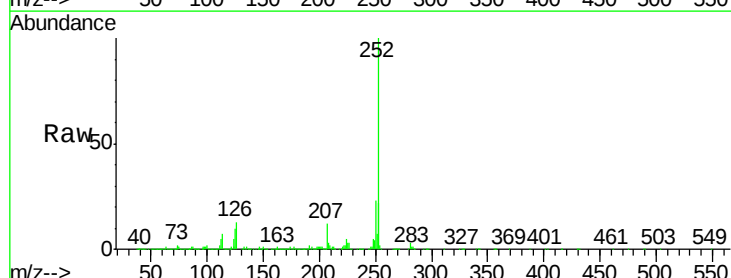
Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.9	28.3
265	22.5	16.8	25.2

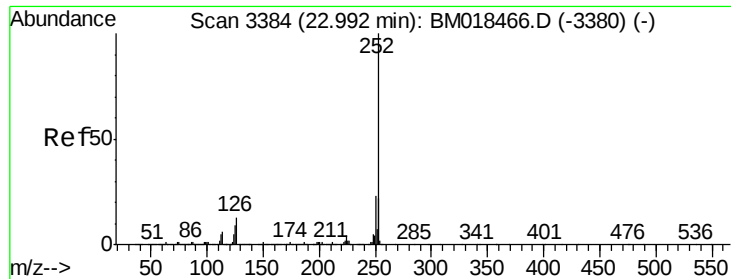


#88
Benzo(b)fluoranthene
Concen: 44.259 ng
RT: 22.89 min Scan# 3367
Delta R.T. 0.00 min
Lab File: BM018721.D
Acq: 04 Feb 2019 16:36

Tgt Ion: 252 Resp: 1987034

Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.6	26.4
125	9.8	8.5	12.7





#89

Benzo(k)fluoranthene

Concen: 42.096 ng

RT: 22.94 min Scan# 3375

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

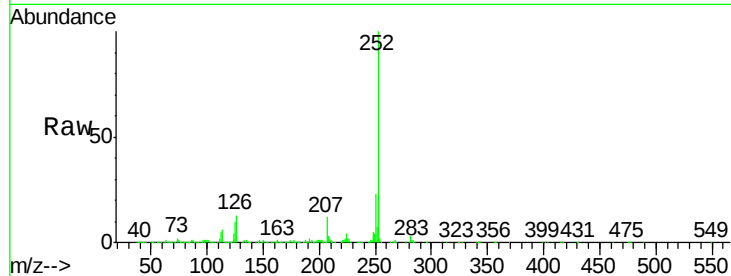
Tgt Ion:252 Resp: 1904601

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

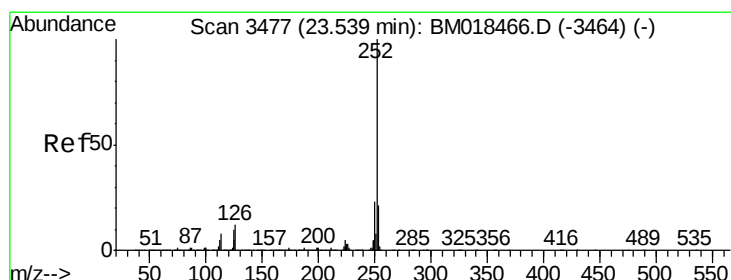
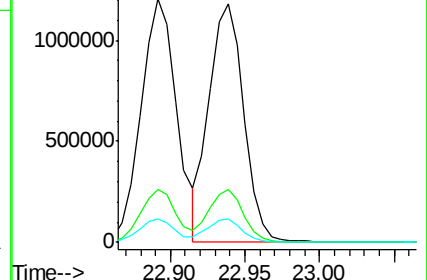
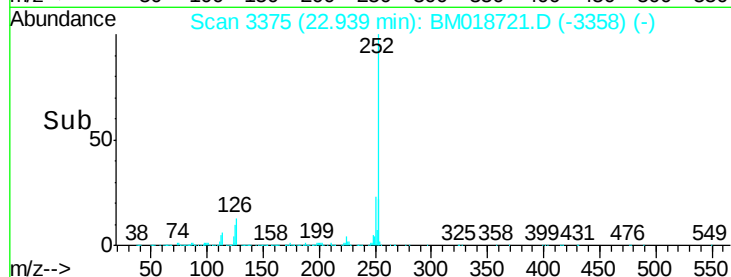
125 9.6 8.6 12.8



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: 44.958 ng

RT: 23.47 min Scan# 3466

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

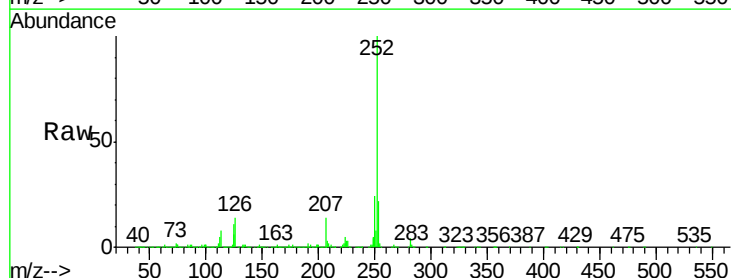
Tgt Ion:252 Resp: 1932338

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

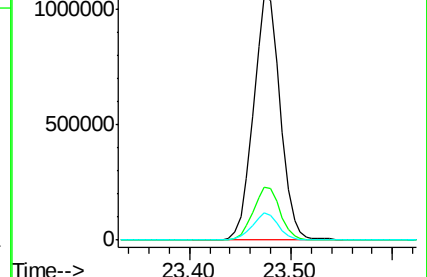
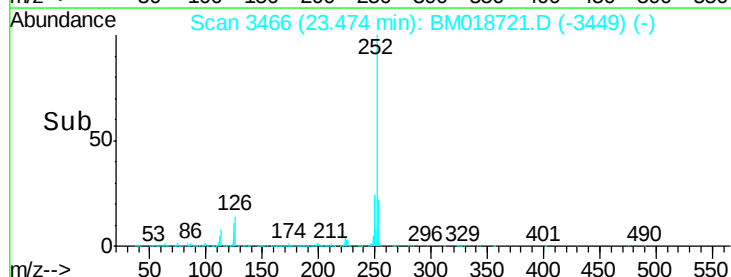
125 11.2 9.7 14.5

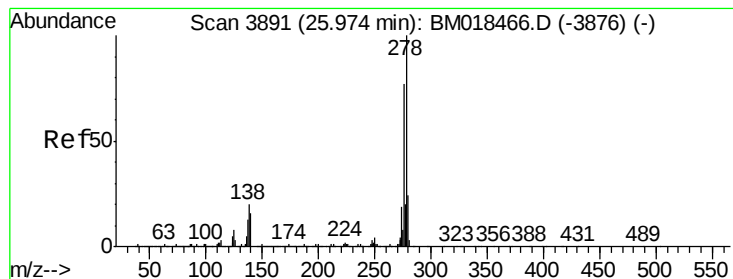


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 47.503 ng

RT: 25.88 min Scan# 3875

Delta R.T. 0.00 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

Instrument :

BNA_M

ClientSampleId :

PB116792BSD

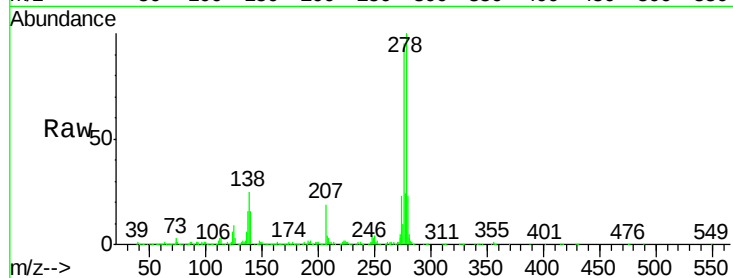
Tgt Ion:278 Resp: 2068752

Ion Ratio Lower Upper

278 100

139 15.7 13.2 19.8

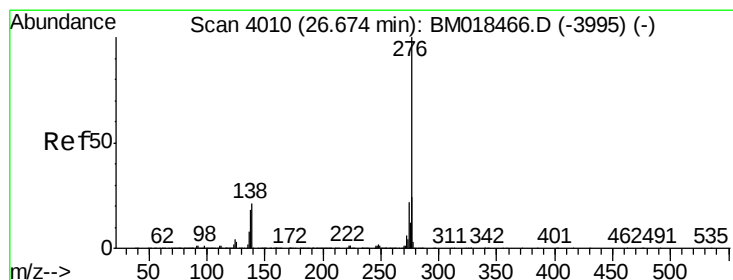
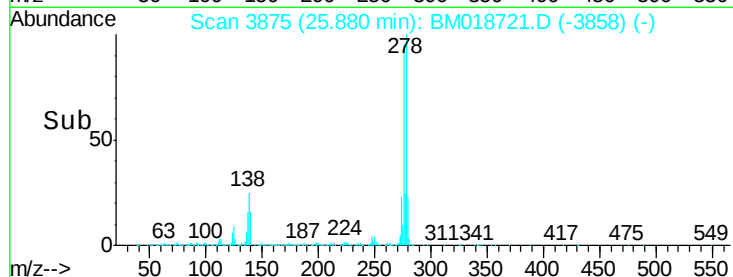
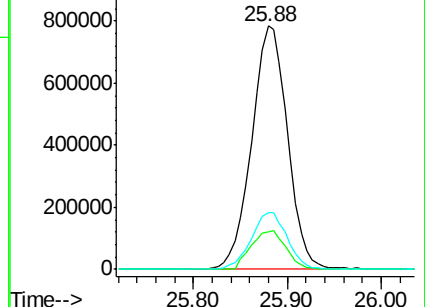
279 23.4 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 48.888 ng

RT: 26.57 min Scan# 3993

Delta R.T. -0.01 min

Lab File: BM018721.D

Acq: 04 Feb 2019 16:36

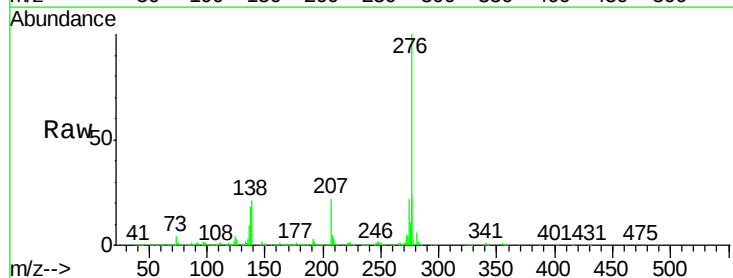
Tgt Ion:276 Resp: 2071874

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 21.0 18.1 27.1



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

