

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020419\
 Data File : BM018720.D
 Acq On : 04 Feb 2019 15:59
 Operator : JU/SJ
 Sample : PB116792BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116792BS

Quant Time: Feb 04 16:42:04 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	219875	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	813951	20.00	ng	0.00
39) Acenaphthene-d10	14.37	164	418501	20.00	ng	0.00
64) Phenanthrene-d10	17.12	188	832823	20.00	ng	0.00
76) Chrysene-d12	21.31	240	787070	20.00	ng	0.00
87) Perylene-d12	23.57	264	807859	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	1573347	132.13	ng	0.00
7) Phenol-d6	6.89	99	1934954	127.94	ng	0.00
23) Nitrobenzene-d5	8.89	82	1116735	79.54	ng	0.00
42) 2,4,6-Tribromophenol	15.87	330	661255	124.09	ng	0.00
45) 2-Fluorobiphenyl	12.99	172	2590268	80.76	ng	0.00
79) Terphenyl-d14	19.75	244	3310862	88.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.26	88	252306	51.987	ng	97
3) Pyridine	3.66	79	490436	40.532	ng	98
4) n-Nitrosodimethylamine	3.57	42	233209	46.609	ng	# 93
6) Aniline	7.06	93	572567	33.938	ng	99
8) 2-Chlorophenol	7.29	128	587019	42.210	ng	95
9) Benzaldehyde	6.87	77	110674	10.392	ng	97
10) Phenol	6.92	94	637535	41.483	ng	99
11) bis(2-Chloroethyl)ether	7.16	93	474758	39.314	ng	96
12) 1,3-Dichlorobenzene	7.60	146	652452	39.394	ng	100
13) 1,4-Dichlorobenzene	7.75	146	664482	39.584	ng	100
14) 1,2-Dichlorobenzene	8.07	146	633658	39.809	ng	97
15) Benzyl Alcohol	7.97	79	436586	39.967	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.25	45	622916	40.364	ng	96
17) 2-Methylphenol	8.16	107	436390	41.831	ng	98
18) Hexachloroethane	8.78	117	233562	39.022	ng	97
19) n-Nitroso-di-n-propylamine	8.53	70	362177	36.797	ng	93
20) 3+4-Methylphenols	8.49	107	578338	40.159	ng	98
22) Acetophenone	8.55	105	761312	37.810	ng	# 97
24) Nitrobenzene	8.93	77	555198	40.188	ng	96
25) Isophorone	9.45	82	945337	44.462	ng	98
26) 2-Nitrophenol	9.63	139	294779	44.128	ng	97
27) 2,4-Dimethylphenol	9.69	122	474455	47.386	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	602868	41.045	ng	99
29) 2,4-Dichlorophenol	10.16	162	501792	42.087	ng	98
30) 1,2,4-Trichlorobenzene	10.37	180	585086	39.536	ng	99
31) Naphthalene	10.56	128	1681746	42.902	ng	99
32) Benzoic acid	9.82	122	287301	43.346	ng	98
33) 4-Chloroaniline	10.68	127	263388	17.061	ng	98
34) Hexachlorobutadiene	10.82	225	353052	37.763	ng	99
35) Caprolactam	11.49	113	122872	30.312	ng	93
36) 4-Chloro-3-methylphenol	11.80	107	484640	38.745	ng	98
37) 2-Methylnaphthalene	12.17	142	1191660	43.026	ng	100
38) 1-Methylnaphthalene	12.40	142	1121233	41.840	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.54	216	603794	41.257	ng	99

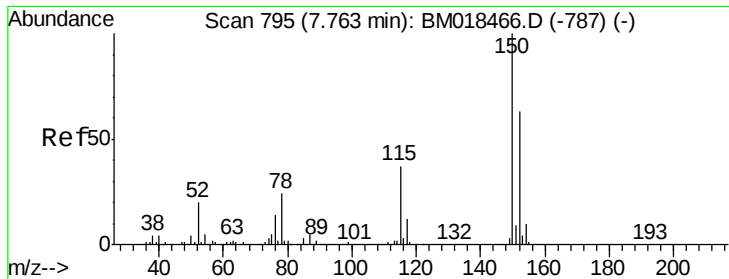
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020419\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	761935	94.862	ng	99
43) 2,4,6-Trichlorophenol	12.79	196	383343	43.135	ng	98
44) 2,4,5-Trichlorophenol	12.86	196	405429	43.377	ng	98
46) 1,1'-Biphenyl	13.20	154	1454926	39.816	ng	99
47) 2-Chloronaphthalene	13.24	162	1131573	39.934	ng	99
48) 2-Nitroaniline	13.46	65	277585	39.818	ng	93
49) Acenaphthylene	14.09	152	1757925	42.570	ng	99
50) Dimethylphthalate	13.83	163	1325667	38.570	ng	99
51) 2,6-Dinitrotoluene	13.96	165	289018	39.698	ng	96
52) Acenaphthene	14.43	154	1013849	40.126	ng	98
53) 3-Nitroaniline	14.29	138	178972	24.384	ng	97
54) 2,4-Dinitrophenol	14.50	184	294341	75.161	ng	92
55) Dibenzofuran	14.77	168	1611391	38.598	ng	99
56) 4-Nitrophenol	14.60	139	471655	74.383	ng	95
57) 2,4-Dinitrotoluene	14.74	165	382552	37.137	ng	99
58) Fluorene	15.42	166	1271874	40.897	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	348985	42.124	ng	97
60) Diethylphthalate	15.20	149	1295108	37.326	ng	100
61) 4-Chlorophenyl-phenylether	15.42	204	652494	36.403	ng	98
62) 4-Nitroaniline	15.46	138	254325	31.767	ng	94
63) Azobenzene	15.71	77	1077865	38.102	ng	97
65) 4,6-Dinitro-2-methylphenol	15.51	198	201330	39.059	ng	86
66) n-Nitrosodiphenylamine	15.63	169	1091917	42.267	ng	99
67) 4-Bromophenyl-phenylether	16.31	248	375553	40.296	ng	98
68) Hexachlorobenzene	16.42	284	418441	40.106	ng	99
69) Atrazine	16.59	200	371815	39.812	ng	99
70) Pentachlorophenol	16.77	266	509599	74.579	ng	99
71) Phenanthrene	17.16	178	1902596	42.950	ng	99
72) Anthracene	17.25	178	1927553	45.251	ng	99
73) Carbazole	17.53	167	1685836	38.521	ng	99
74) Di-n-butylphthalate	18.09	149	1991027	41.534	ng	99
75) Fluoranthene	19.18	202	2077436	40.677	ng	99
77) Benzidine	19.38	184	875167	45.033	ng	99
78) Pyrene	19.54	202	2119624	45.433	ng	100
80) Butylbenzylphthalate	20.45	149	871484	43.777	ng	94
81) Benzo(a)anthracene	21.30	228	2010319	43.356	ng	100
82) 3,3'-Dichlorobenzidine	21.24	252	568338	32.414	ng	99
83) Chrysene	21.35	228	1900457	42.445	ng	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1218346	42.382	ng	100
85) Di-n-octyl phthalate	22.10	149	2067131	42.754	ng	95
86) Indeno(1,2,3-cd)pyrene	25.87	276	2482661	48.085	ng	98
88) Benzo(b)fluoranthene	22.89	252	2007070	43.761	ng	99
89) Benzo(k)fluoranthene	22.94	252	1908952	41.301	ng	99
90) Benzo(a)pyrene	23.47	252	1945504	44.308	ng	98
91) Dibenzo(a,h)anthracene	25.88	278	2080162	46.756	ng	99
92) Benzo(g,h,i)perylene	26.57	276	2109314	48.720	ng	98

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

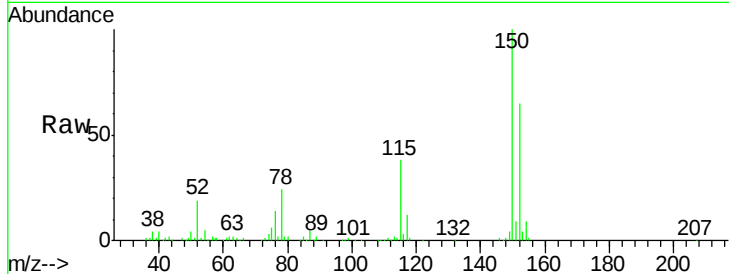


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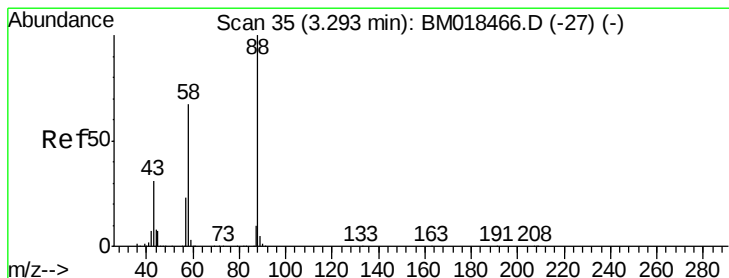
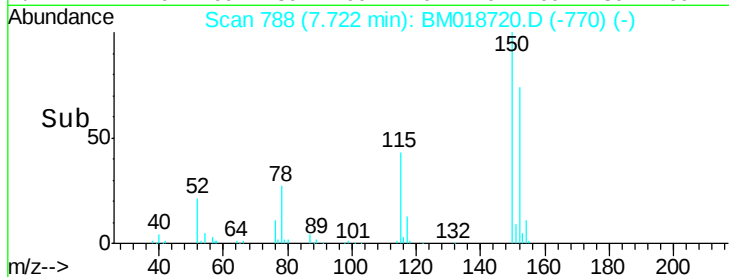
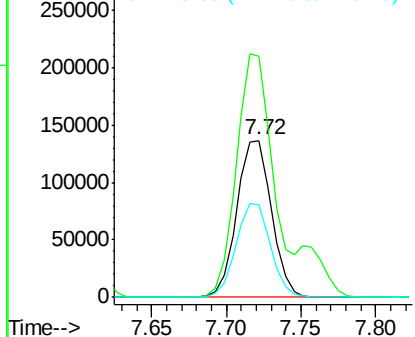
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.01 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tgt Ion:152 Resp: 219875
Ion Ratio Lower Upper
152 100
150 154.2 126.9 190.3
115 58.7 45.5 68.3



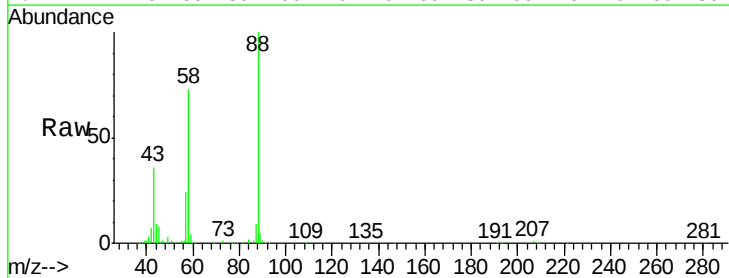
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



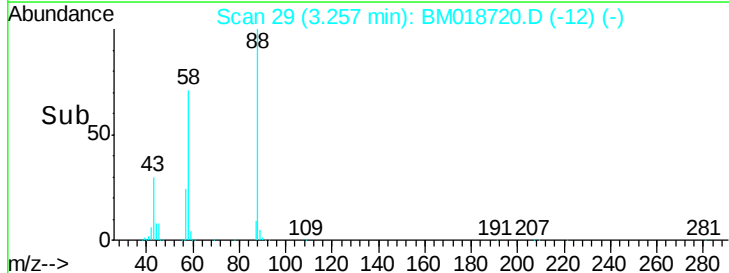
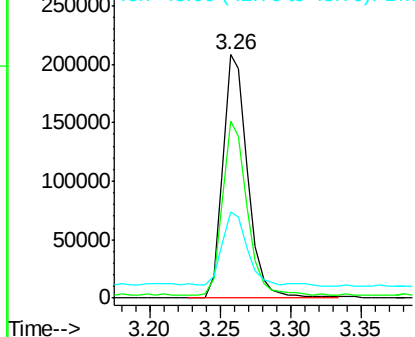
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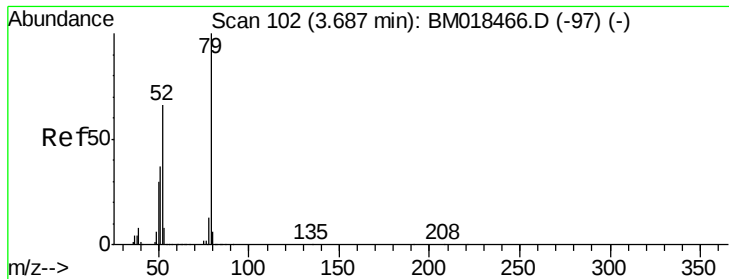
1,4-Dioxane
Concen: 51.987 ng
RT: 3.26 min Scan# 29
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion: 88 Resp: 252306
Ion Ratio Lower Upper
88 100
58 70.6 58.4 87.6
43 31.6 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: 40.532 ng

RT: 3.66 min Scan# 97

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

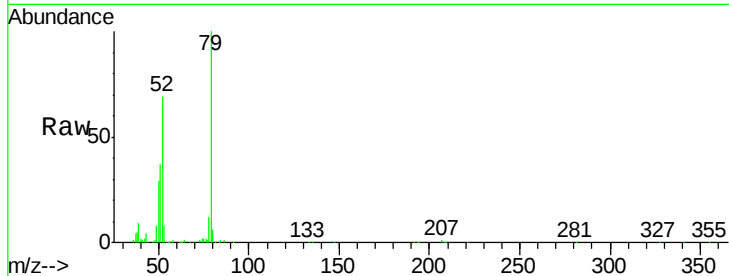
Tgt Ion: 79 Resp: 490436

Ion Ratio Lower Upper

79 100

52 69.4 56.4 84.6

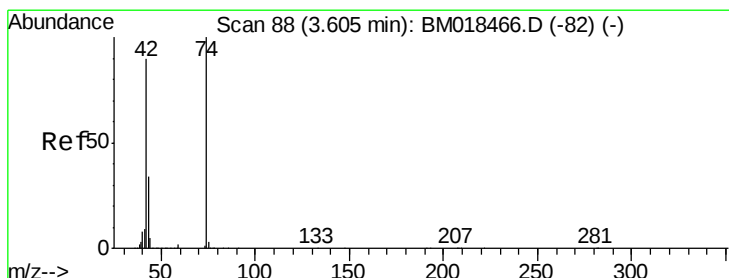
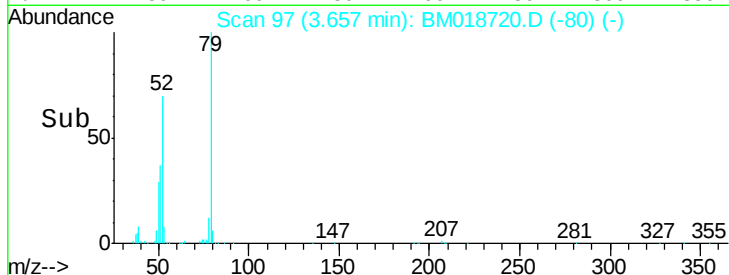
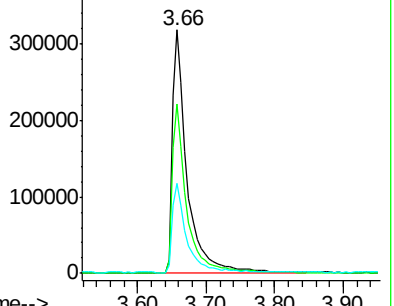
51 37.0 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018720.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM018720.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM018720.D (-97) (-)



#4

n-Nitrosodimethylamine

Concen: 46.609 ng

RT: 3.57 min Scan# 83

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

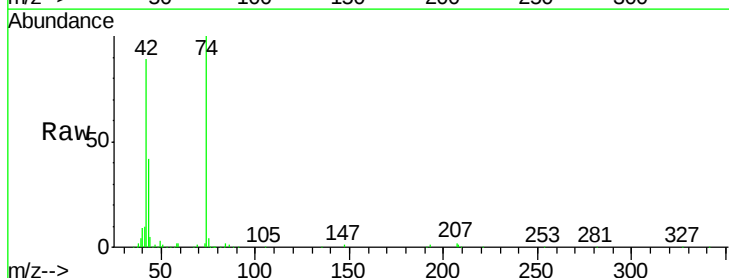
Tgt Ion: 42 Resp: 233209

Ion Ratio Lower Upper

42 100

74 112.8 88.6 132.8

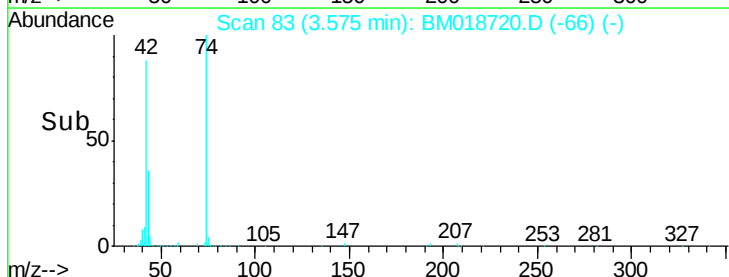
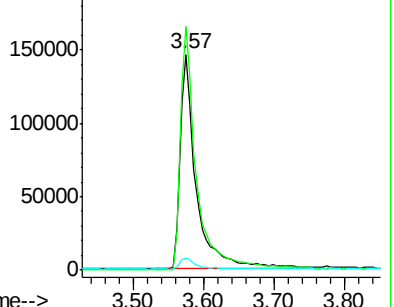
44 5.7 16.9 25.3#

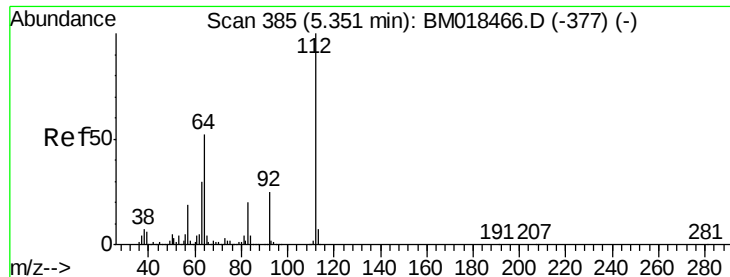


Abundance Ion 42.00 (41.70 to 42.70): BM018720.D (-80) (-)

Ion 74.00 (73.70 to 74.70): BM018720.D (-80) (-)

Ion 44.00 (43.70 to 44.70): BM018720.D (-80) (-)





#5

2-Fluorophenol

Concen: 132.128 ng

RT: 5.31 min Scan# 378

Delta R.T. 0.01 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

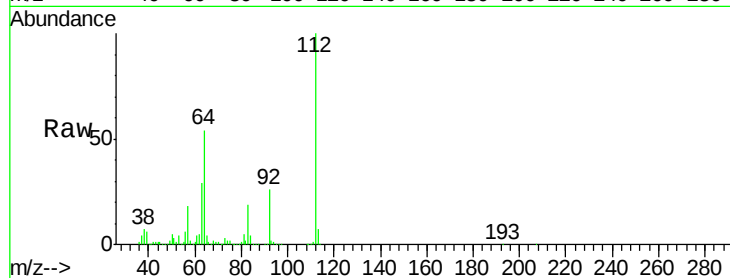
Tgt Ion: 112 Resp: 1573347

Ion Ratio Lower Upper

112 100

64 54.1 46.5 69.7

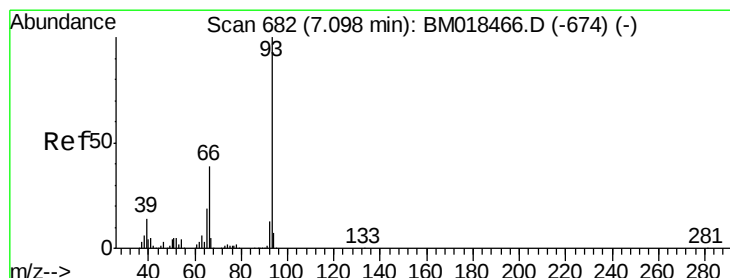
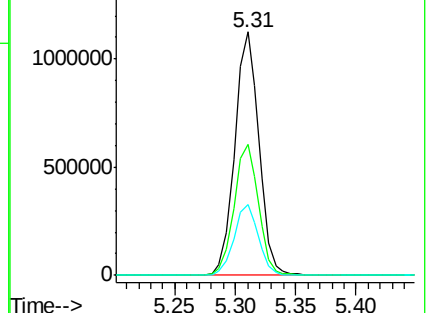
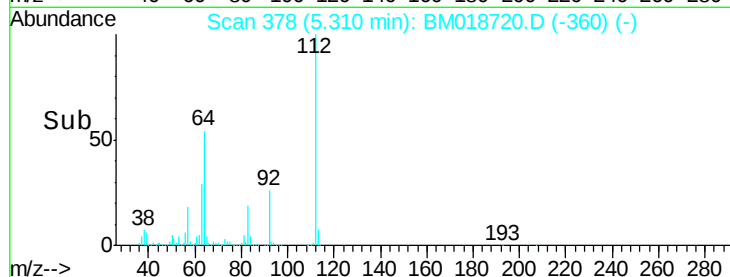
63 29.2 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 33.938 ng

RT: 7.06 min Scan# 675

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

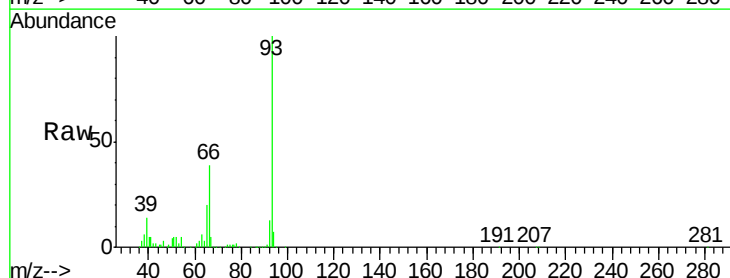
Tgt Ion: 93 Resp: 572567

Ion Ratio Lower Upper

93 100

66 39.1 31.7 47.5

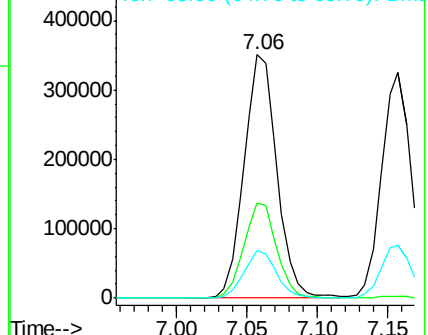
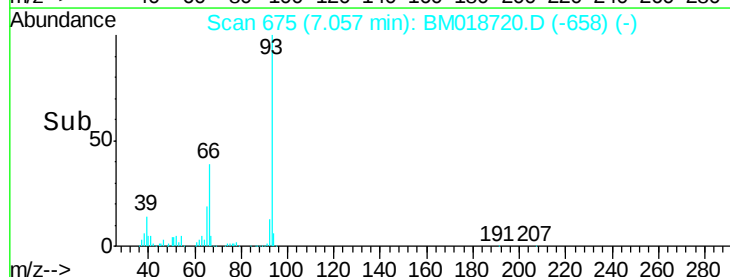
65 19.7 15.9 23.9

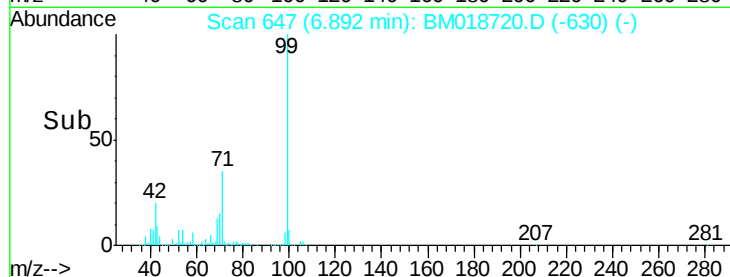
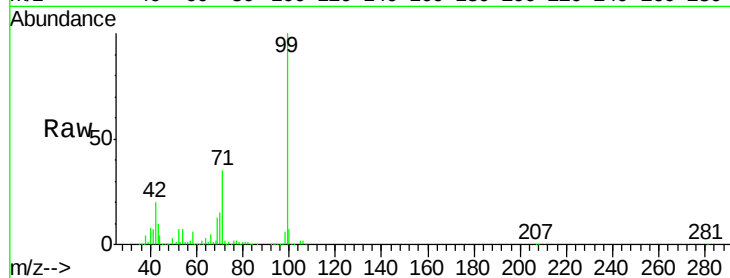
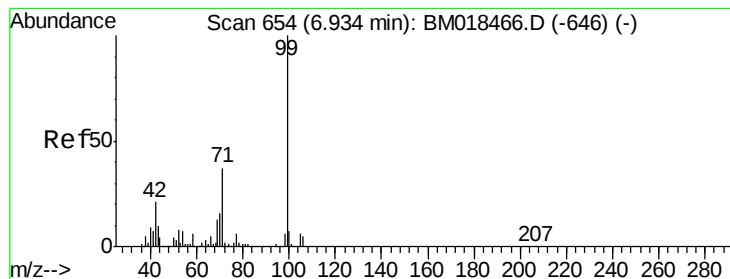


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 127.937 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

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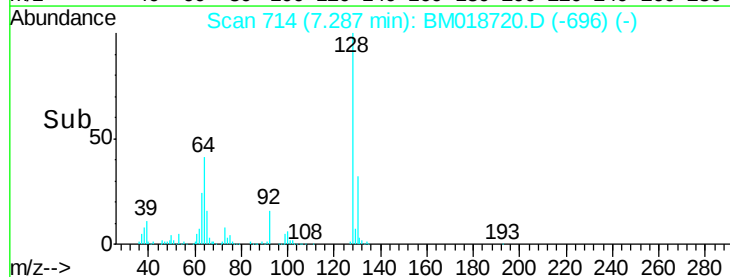
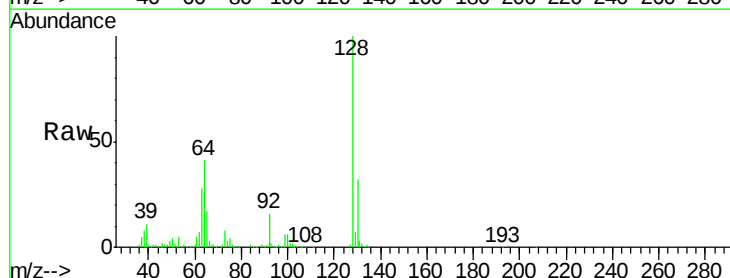
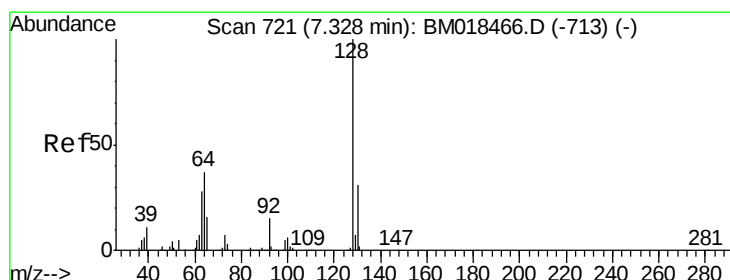
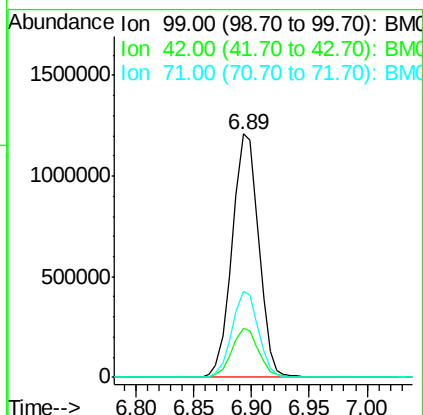
Tgt Ion: 99 Resp: 1934954

Ion Ratio Lower Upper

99 100

42 19.9 17.3 25.9

71 35.2 28.0 42.0



#8

2-Chlorophenol

Concen: 42.210 ng

RT: 7.29 min Scan# 714

Delta R.T. 0.01 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

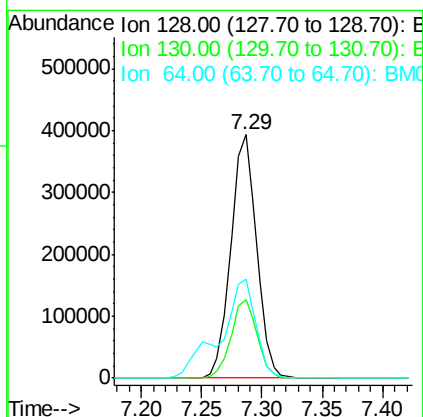
Tgt Ion: 128 Resp: 587019

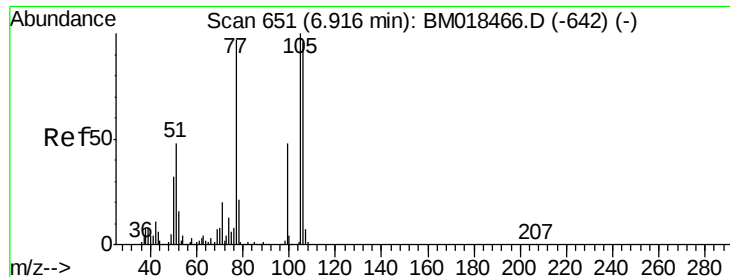
Ion Ratio Lower Upper

128 100

130 32.2 13.6 53.6

64 40.7 24.8 64.8





#9

Benzaldehyde

Concen: 10.392 ng

RT: 6.87 min Scan# 644

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

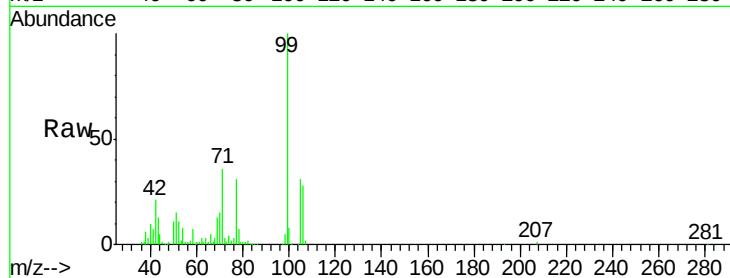
Tgt Ion: 77 Resp: 110674

Ion Ratio Lower Upper

77 100

105 101.7 79.7 119.7

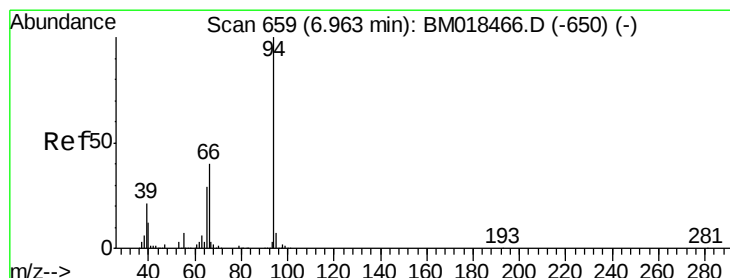
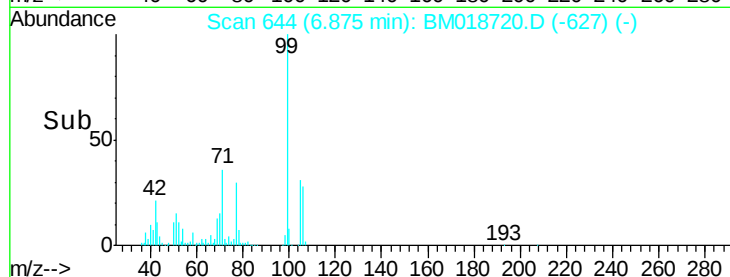
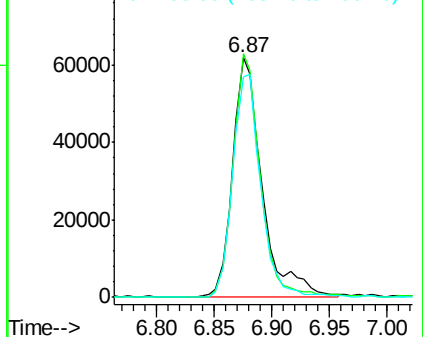
106 92.2 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018720.D (-627) (-)

Ion 105.00 (104.70 to 105.70): BM018720.D (-627) (-)

Ion 106.00 (105.70 to 106.70): BM018720.D (-627) (-)



#10

Phenol

Concen: 41.483 ng

RT: 6.92 min Scan# 652

Delta R.T. 0.01 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

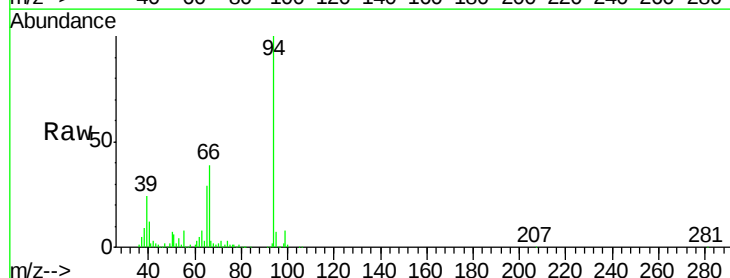
Tgt Ion: 94 Resp: 637535

Ion Ratio Lower Upper

94 100

65 28.9 9.4 49.4

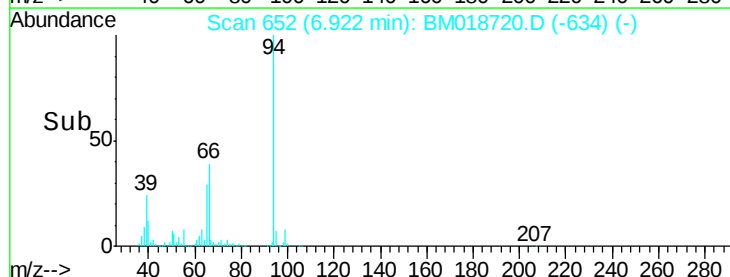
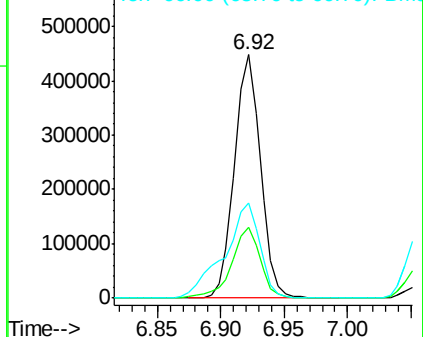
66 38.9 19.1 59.1

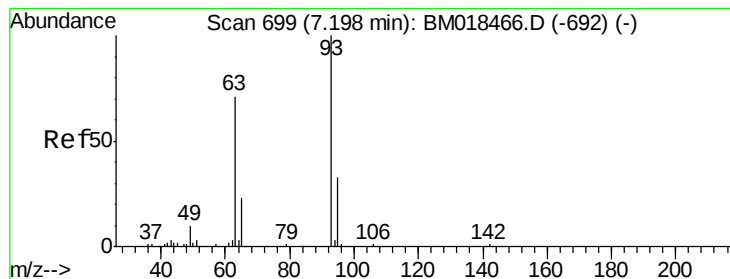


Abundance Ion 94.00 (93.70 to 94.70): BM018720.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM018720.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM018720.D (-634) (-)





#11

bis(2-Chloroethyl)ether

Concen: 39.314 ng

RT: 7.16 min Scan# 692

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

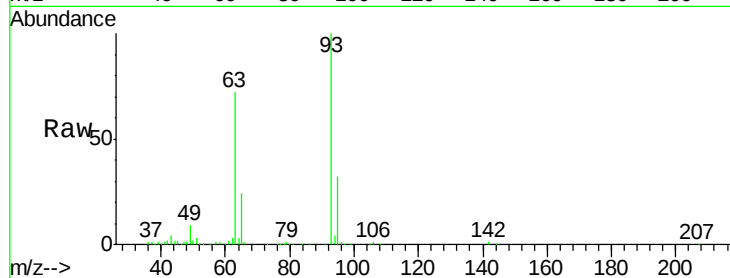
Tgt Ion: 93 Resp: 474758

Ion Ratio Lower Upper

93 100

63 72.4 56.4 96.4

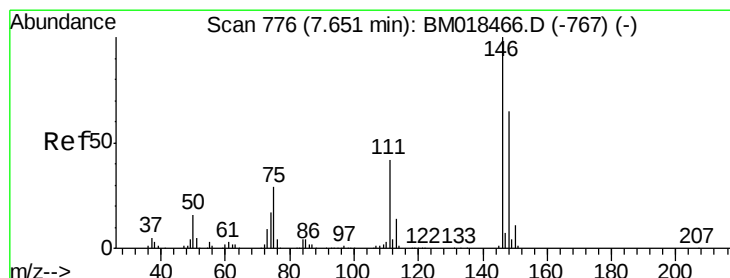
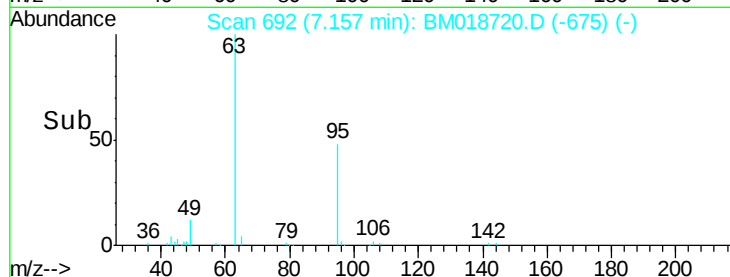
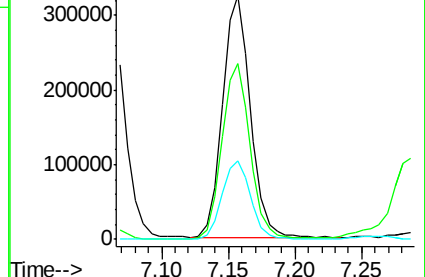
95 32.1 12.7 52.7



Abundance Ion 93.00 (92.70 to 93.70): BM018466.D (-692) (-)

Ion 63.00 (62.70 to 63.70): BM018466.D (-692) (-)

Ion 95.00 (94.70 to 95.70): BM018466.D (-692) (-)



#12

1,3-Dichlorobenzene

Concen: 39.394 ng

RT: 7.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

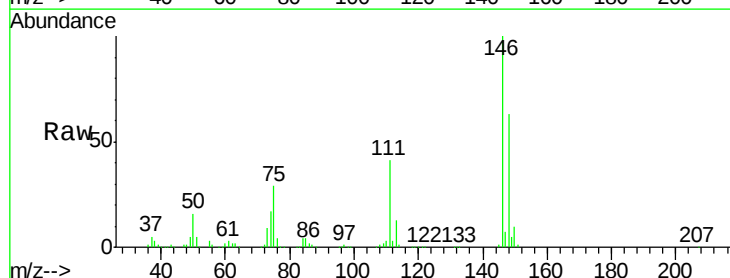
Tgt Ion: 146 Resp: 652452

Ion Ratio Lower Upper

146 100

148 63.2 50.5 75.7

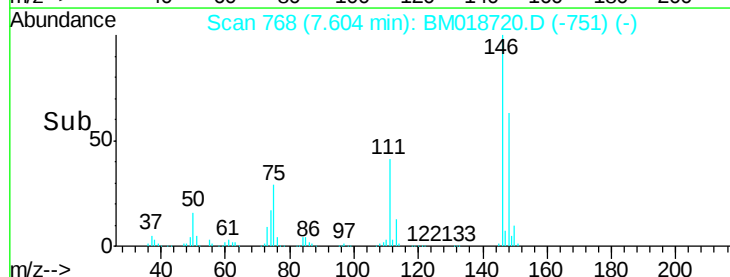
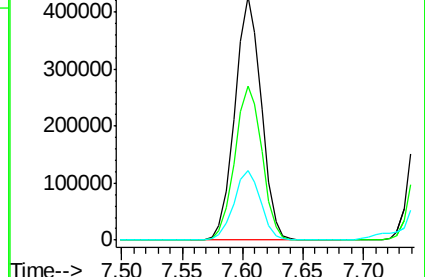
75 28.6 23.0 34.6

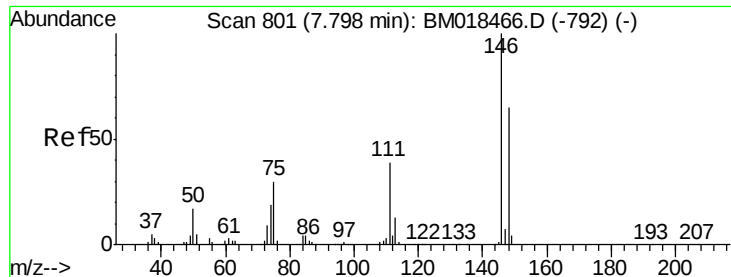


Abundance Ion 146.00 (145.70 to 146.70): BM018466.D (-767) (-)

Ion 148.00 (147.70 to 148.70): BM018466.D (-767) (-)

Ion 75.00 (74.70 to 75.70): BM018466.D (-767) (-)

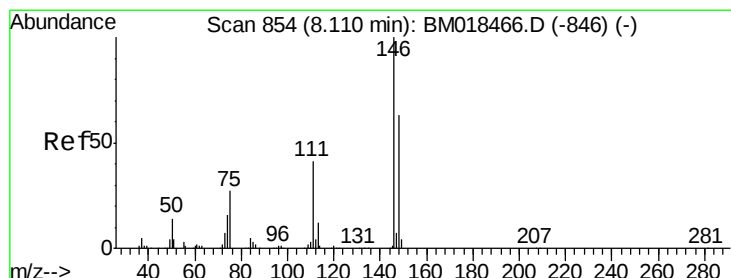
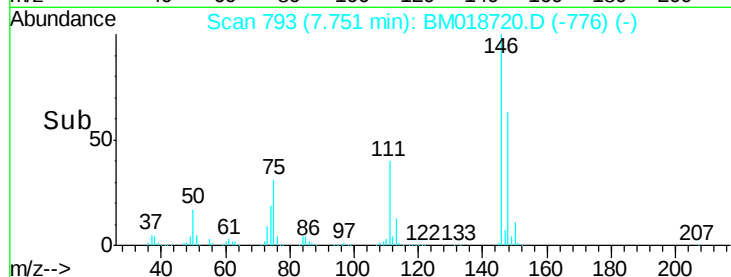
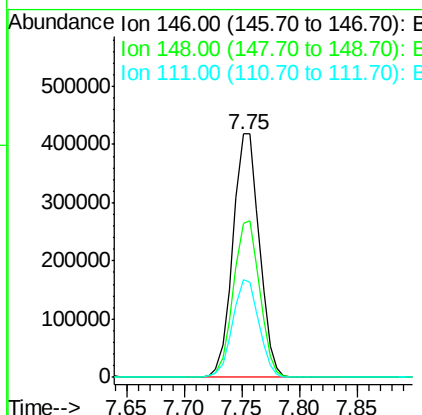
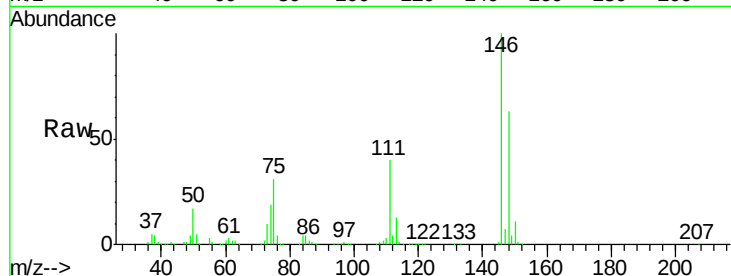




#13
 1,4-Dichlorobenzene
 Concen: 39.584 ng
 RT: 7.75 min Scan# 793
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

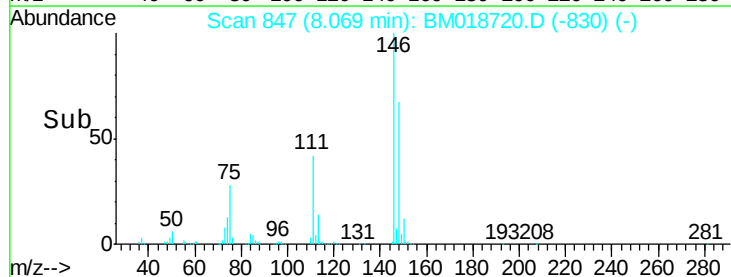
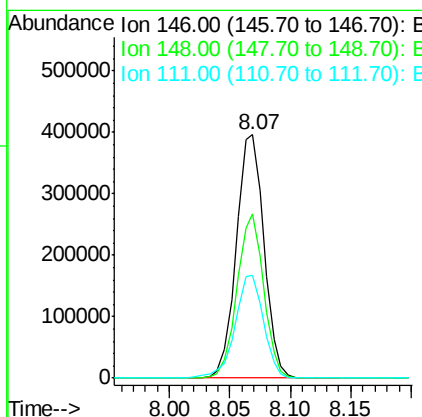
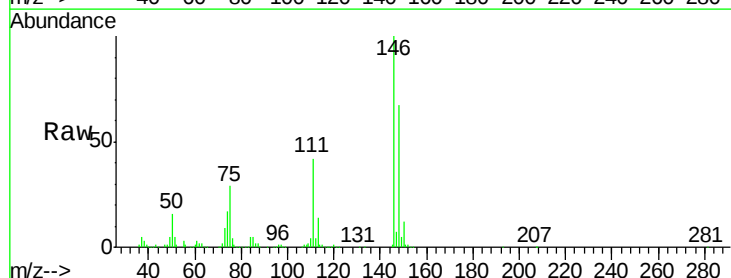
Instrument :
 BNA_M
 ClientSampleId :
 PB116792BS

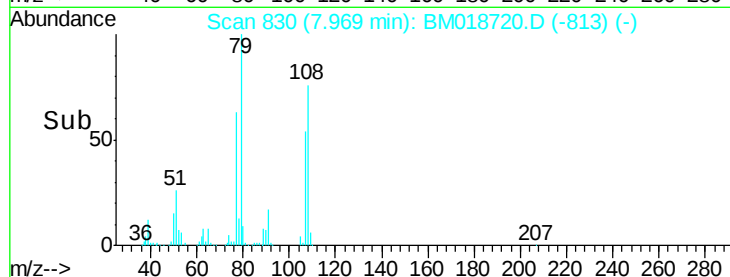
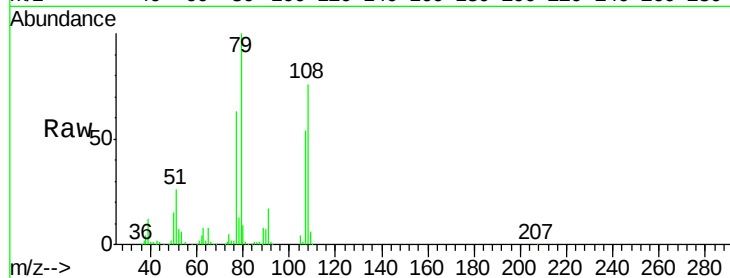
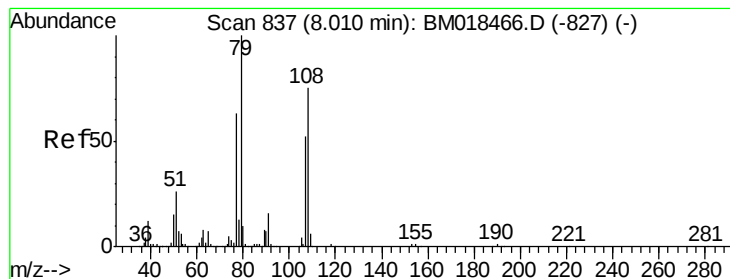
Tgt Ion:146 Resp: 664482
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.8 76.2
 111 40.1 32.2 48.2



#14
 1,2-Dichlorobenzene
 Concen: 39.809 ng
 RT: 8.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Tgt Ion:146 Resp: 633658
 Ion Ratio Lower Upper
 146 100
 148 67.3 51.0 76.6
 111 42.1 33.8 50.6





#15

Benzyl Alcohol

Concen: 39.967 ng

RT: 7.97 min Scan# 830

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

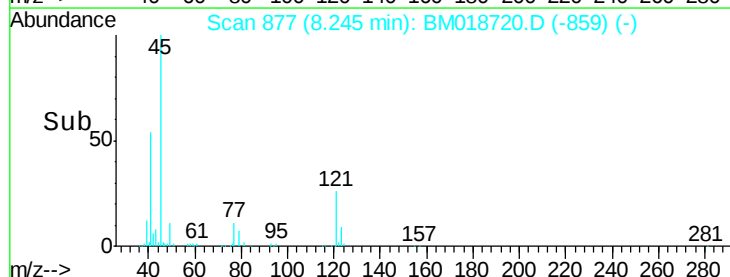
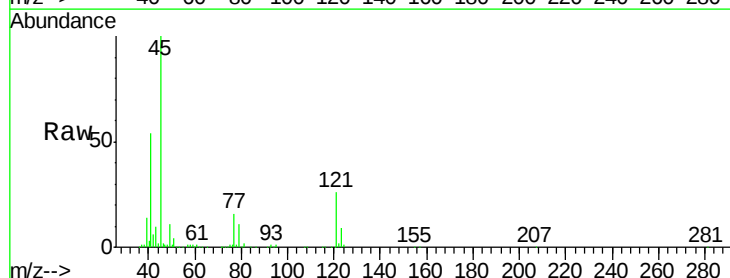
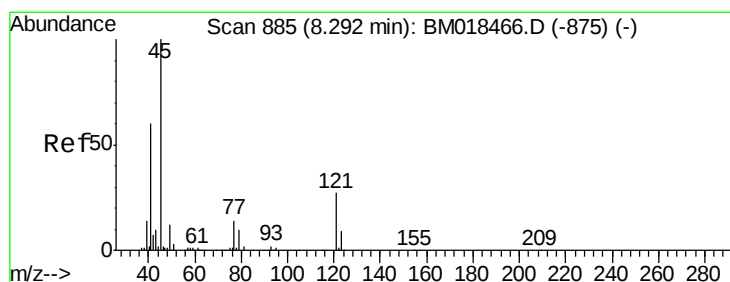
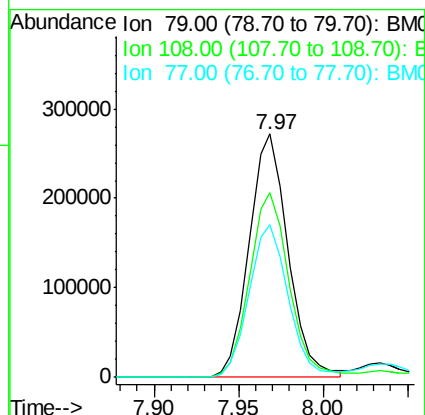
Tgt Ion: 79 Resp: 436586

Ion Ratio Lower Upper

79 100

108 75.9 60.4 90.6

77 62.9 53.4 80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 40.364 ng

RT: 8.25 min Scan# 877

Delta R.T. 0.01 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

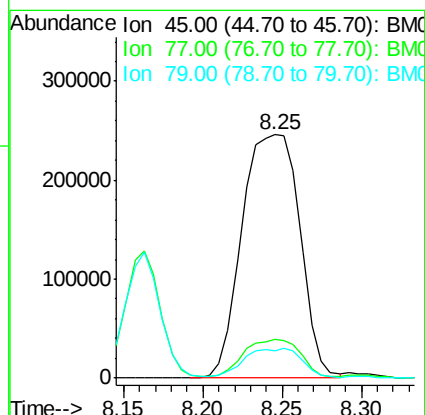
Tgt Ion: 45 Resp: 622916

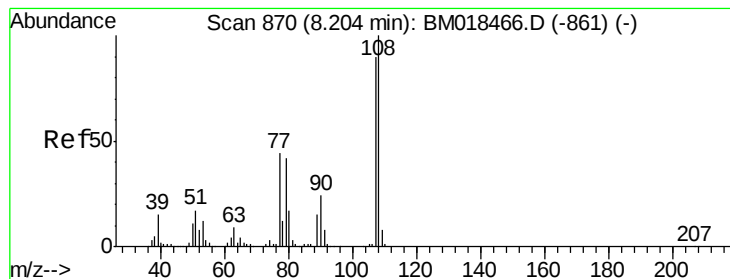
Ion Ratio Lower Upper

45 100

77 15.9 0.0 33.4

79 11.3 0.0 31.1





#17

2-Methylphenol

Concen: 41.831 ng

RT: 8.16 min Scan# 863

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

Tgt Ion:107 Resp: 436390

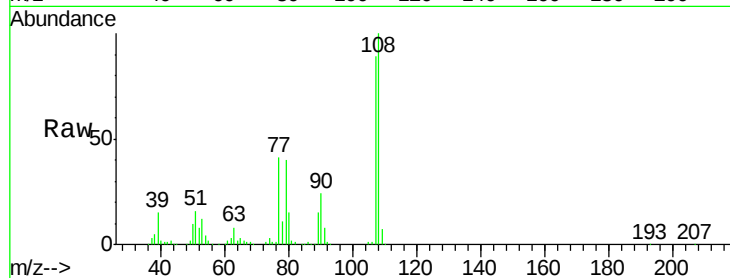
Ion Ratio Lower Upper

107 100

108 112.1 87.5 131.3

77 45.4 37.3 55.9

79 44.9 36.4 54.6

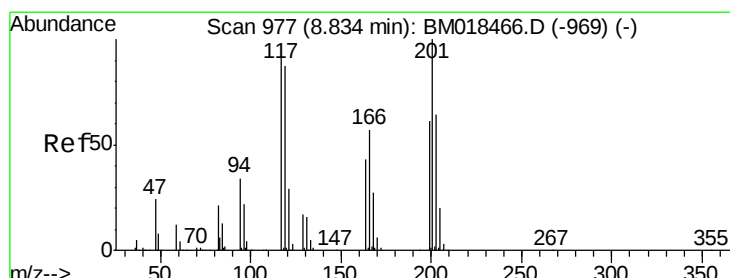
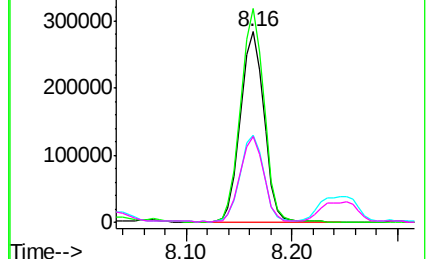
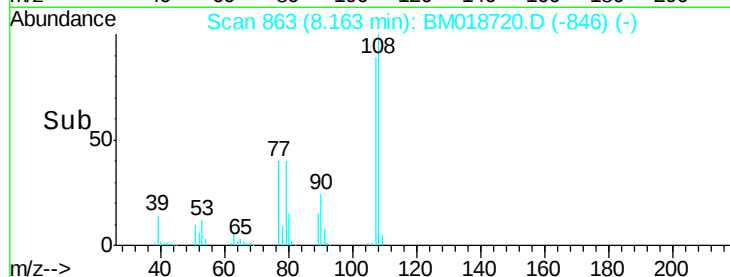


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 39.022 ng

RT: 8.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

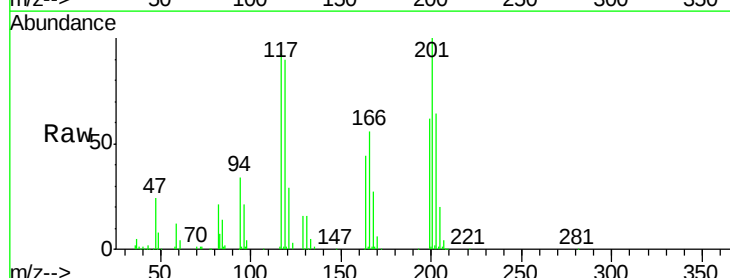
Tgt Ion:117 Resp: 233562

Ion Ratio Lower Upper

117 100

119 96.3 78.3 117.5

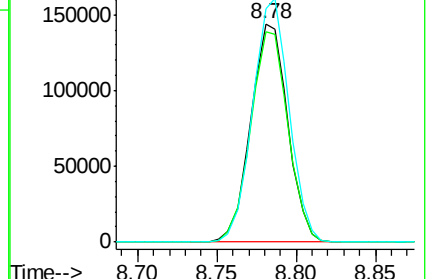
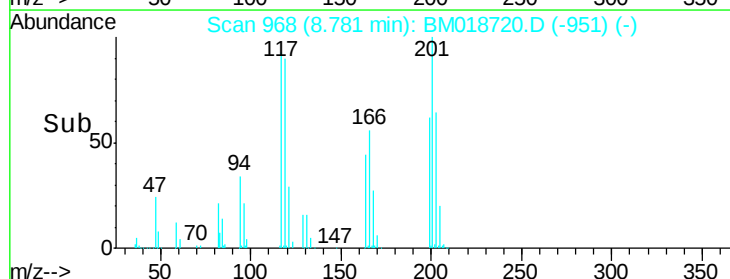
201 107.0 81.4 122.0

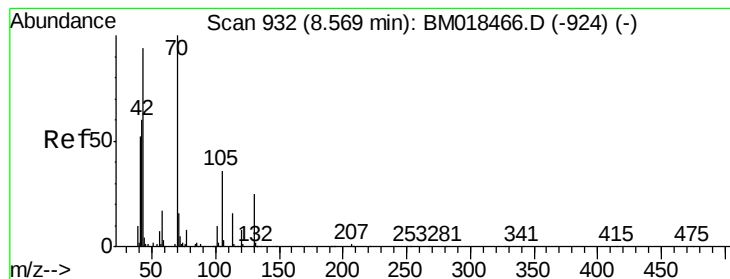


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 36.797 ng

RT: 8.53 min Scan# 925

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

Tgt Ion: 70 Resp: 362177

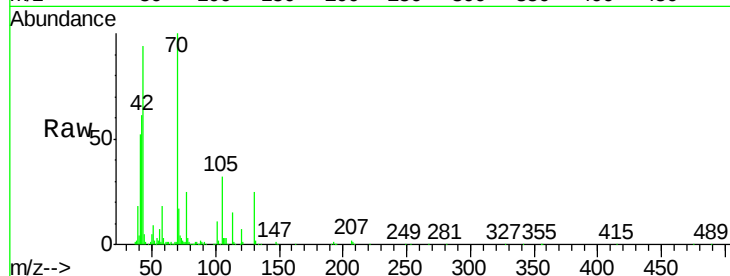
Ion Ratio Lower Upper

70 100

42 60.8 54.0 81.0

101 10.7 8.1 12.1

130 24.8 17.8 26.6

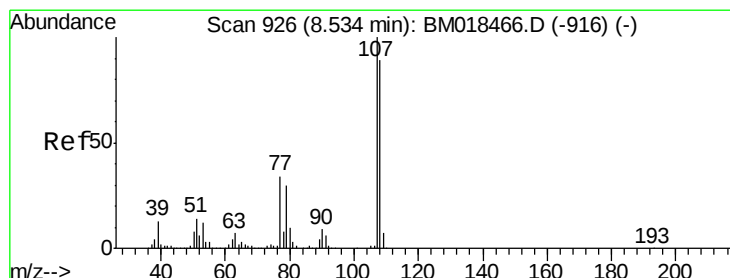
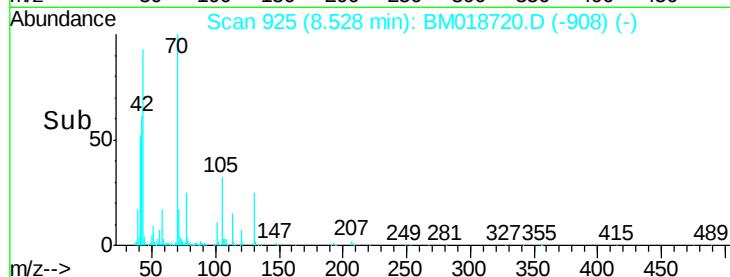
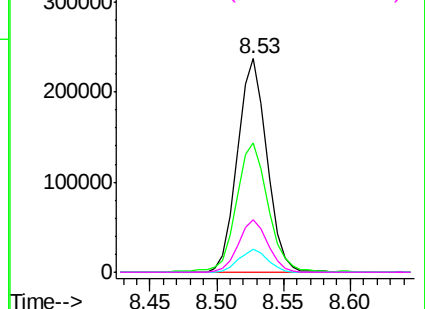


Abundance Ion 70.00 (69.70 to 70.70): BM0

Ion 42.00 (41.70 to 42.70): BM0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 40.159 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Tgt Ion: 107 Resp: 578338

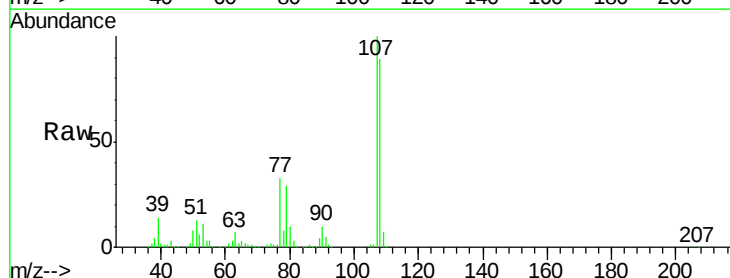
Ion Ratio Lower Upper

107 100

108 88.6 66.8 106.8

77 32.9 13.3 53.3

79 29.5 8.8 48.8

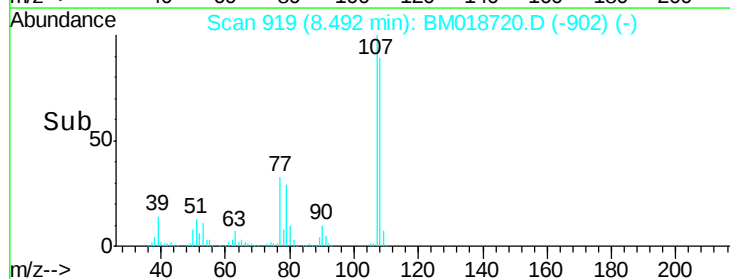
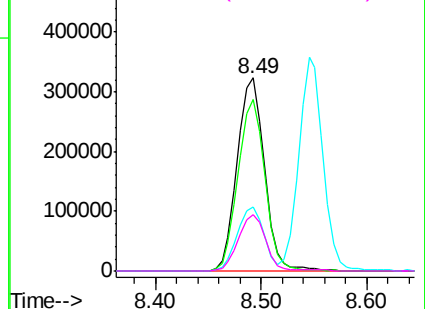


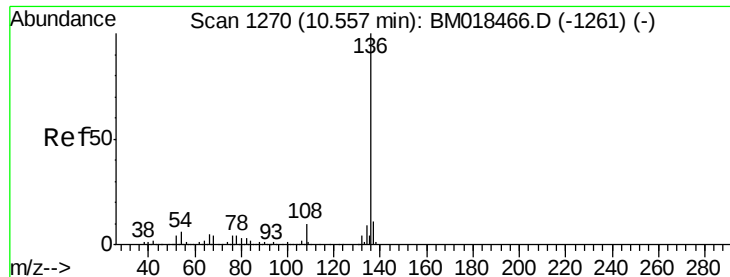
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0

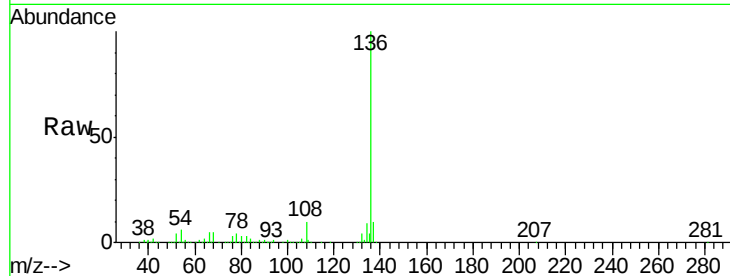




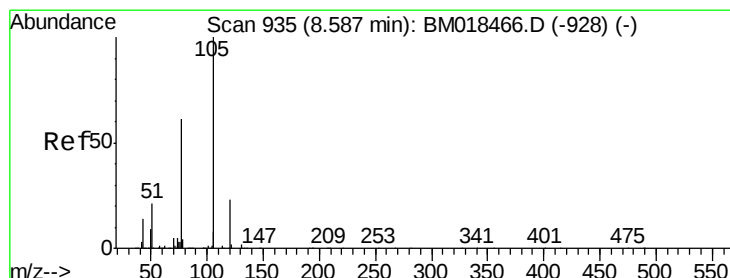
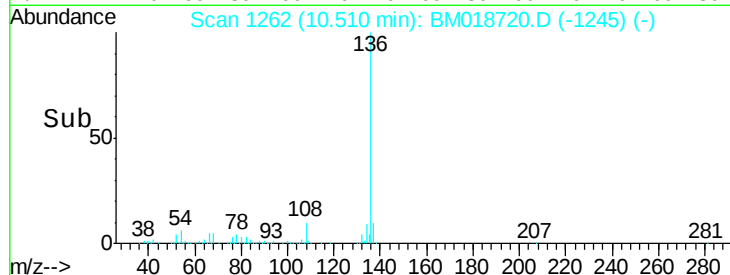
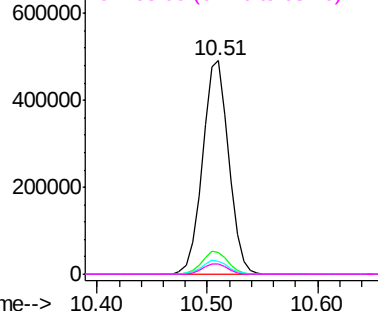
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tgt Ion:	136	Resp:	813951
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.5	12.7
54	6.2	6.0	9.0
68	4.7	4.5	6.7

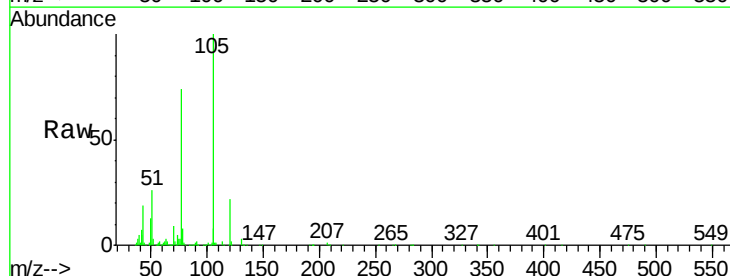


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM
Ion 68.00 (67.70 to 68.70): BM

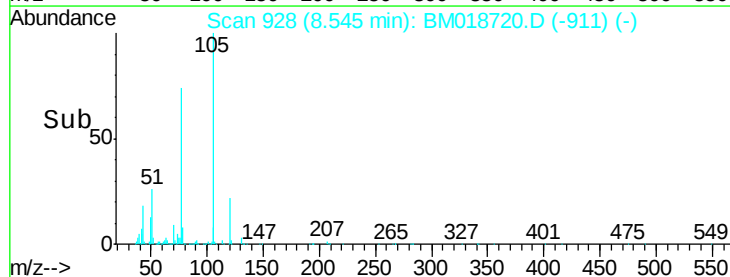
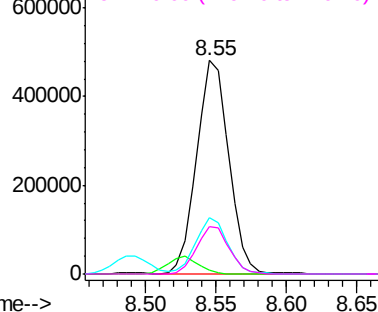


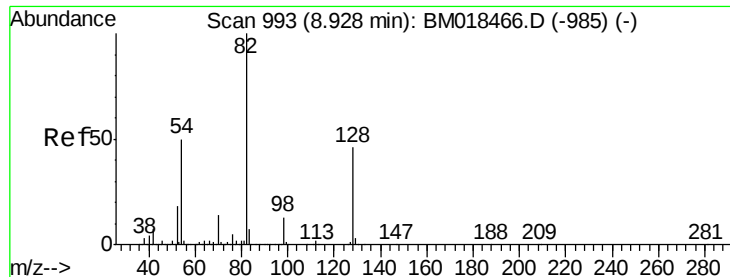
#22
Acetophenone
Concen: 37.810 ng
RT: 8.55 min Scan# 928
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion:	105	Resp:	761312
Ion	Ratio	Lower	Upper
105	100		
71	1.6	1.7	2.5#
51	26.4	22.6	34.0
120	22.3	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

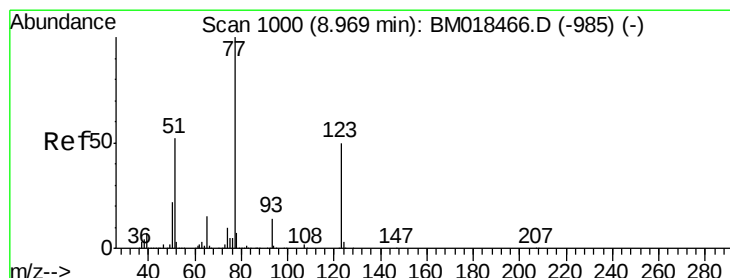
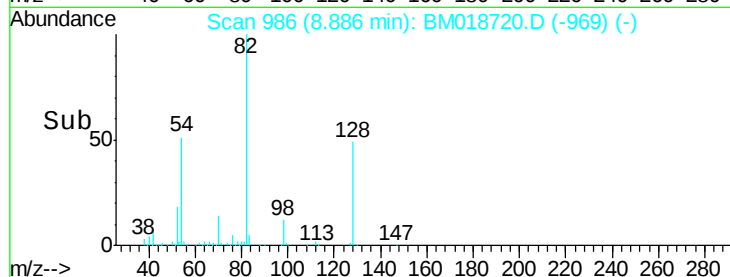
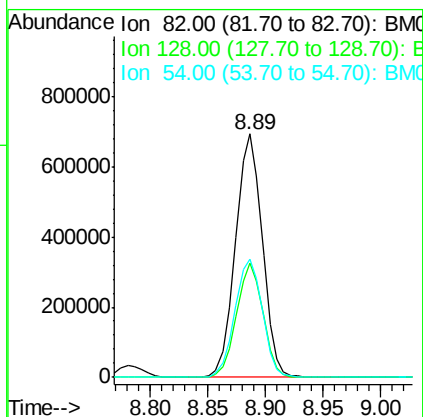
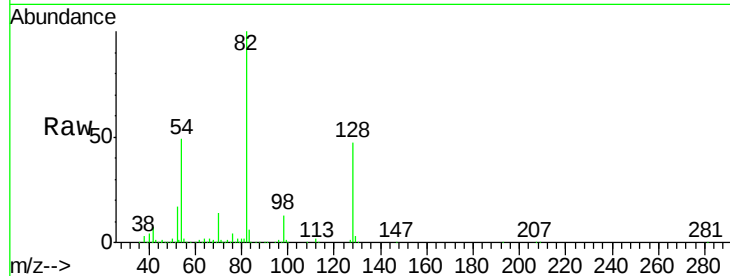




#23
 Nitrobenzene-d5
 Concen: 79.536 ng
 RT: 8.89 min Scan# 986
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

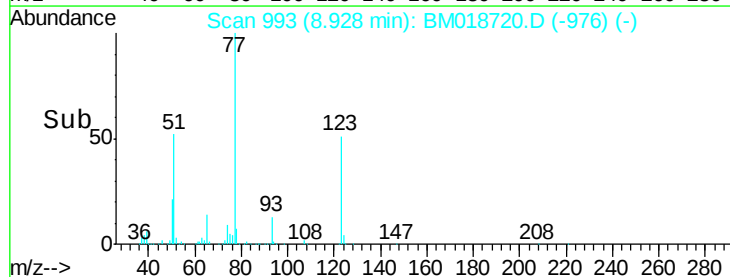
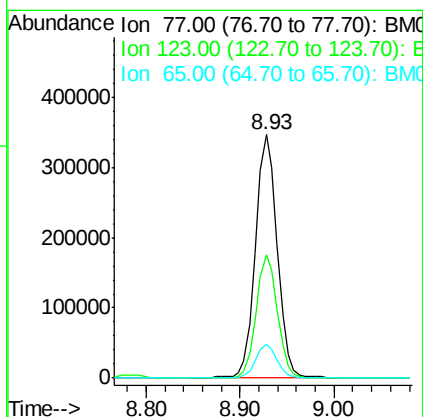
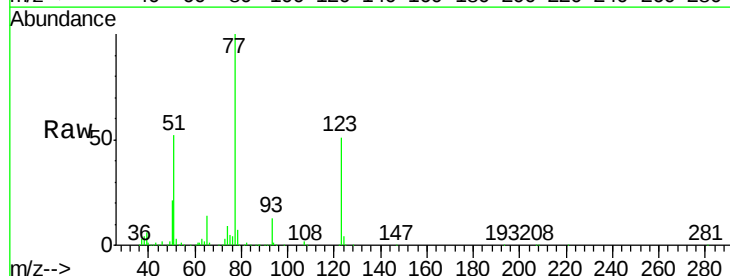
Instrument :
 BNA_M
 ClientSampleId :
 PB116792BS

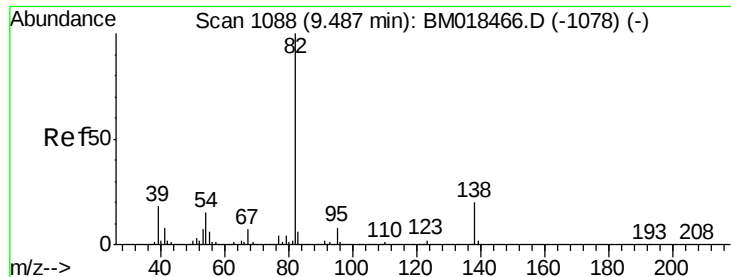
Tgt Ion: 82 Resp: 1116735
 Ion Ratio Lower Upper
 82 100
 128 46.9 36.3 54.5
 54 48.6 41.7 62.5



#24
 Nitrobenzene
 Concen: 40.188 ng
 RT: 8.93 min Scan# 993
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Tgt Ion: 77 Resp: 555198
 Ion Ratio Lower Upper
 77 100
 123 50.6 37.7 56.5
 65 14.0 11.0 16.6

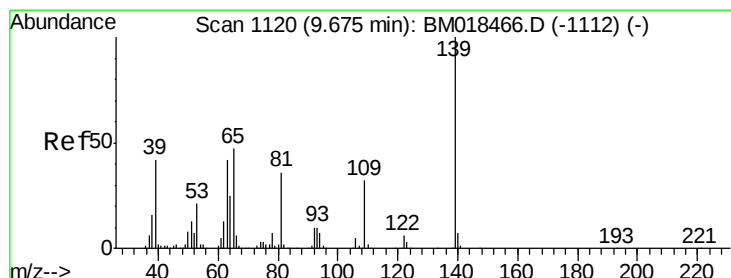
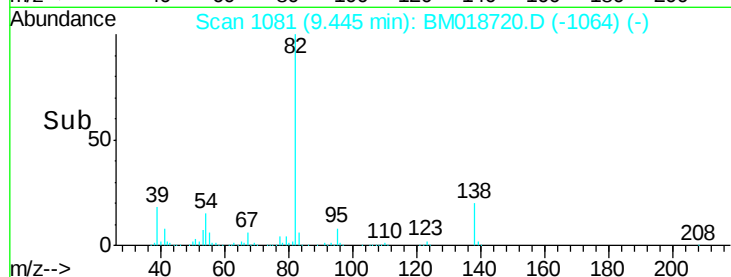
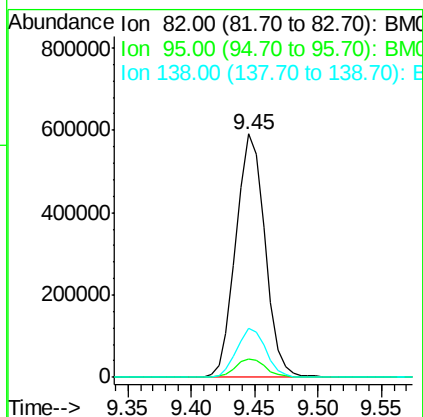
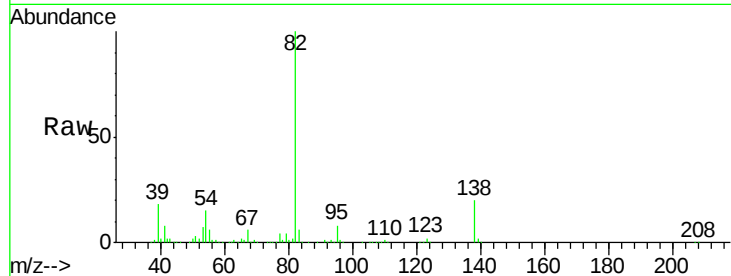




#25
Isophorone
Concen: 44.462 ng
RT: 9.45 min Scan# 1081
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

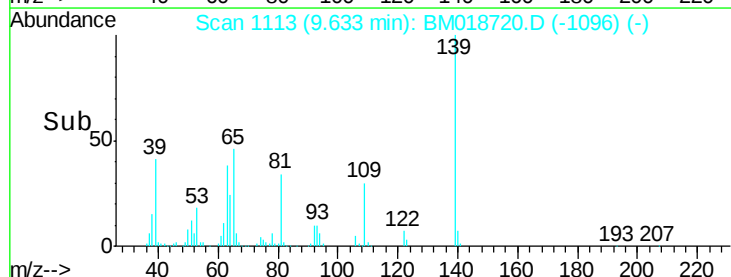
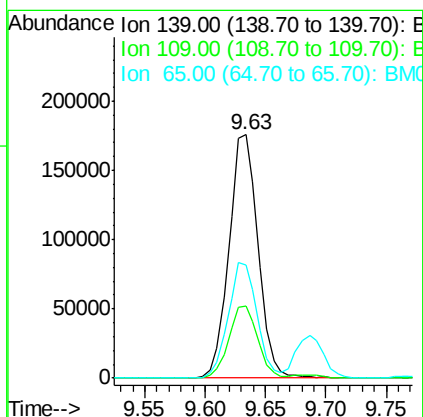
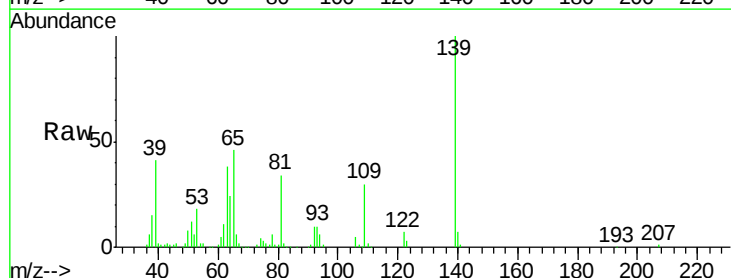
Instrument :
BNA_M
ClientSampleId :
PB116792BS

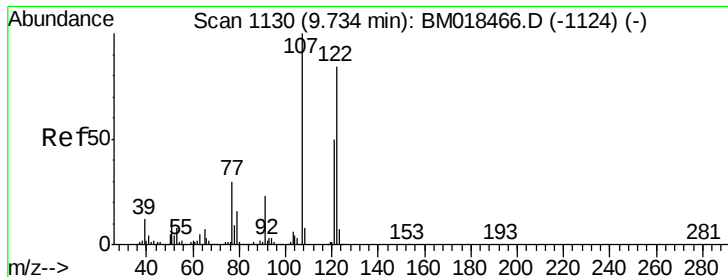
Tgt Ion: 82 Resp: 945337
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 20.1 15.1 22.7



#26
2-Nitrophenol
Concen: 44.128 ng
RT: 9.63 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion: 139 Resp: 294779
Ion Ratio Lower Upper
139 100
109 29.7 23.4 35.2
65 46.2 39.4 59.2

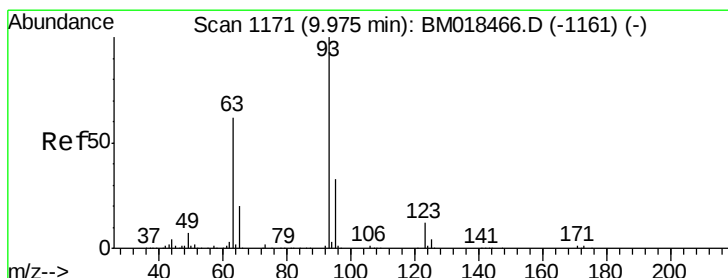
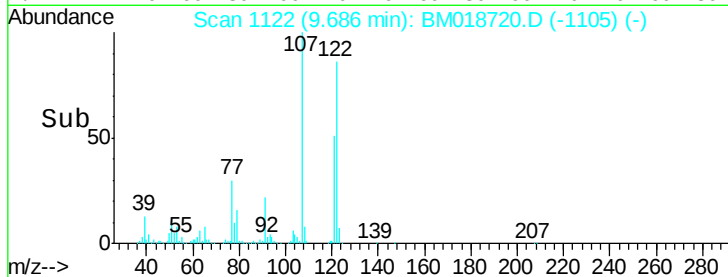
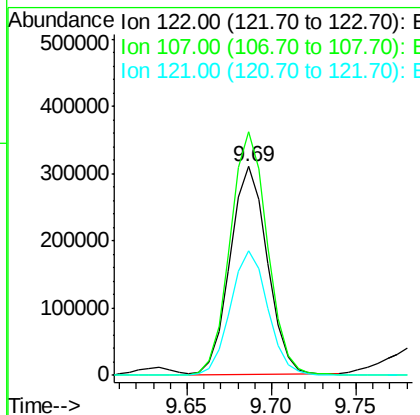
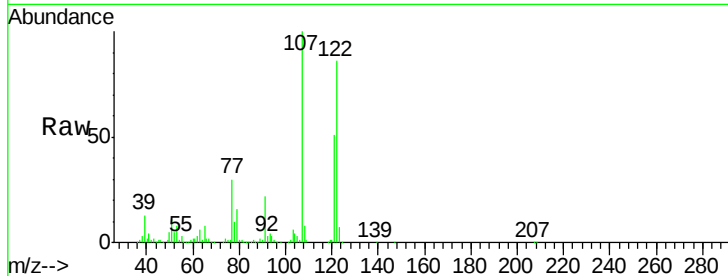




#27
 2,4-Dimethylphenol
 Concen: 47.386 ng
 RT: 9.69 min Scan# 1122
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

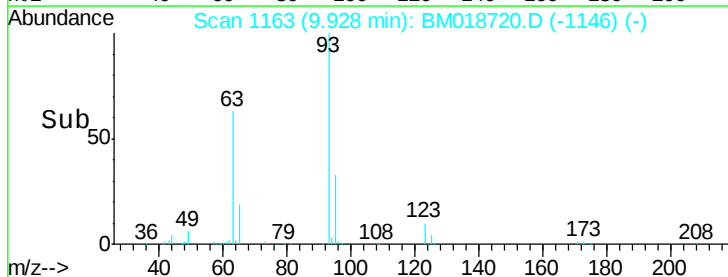
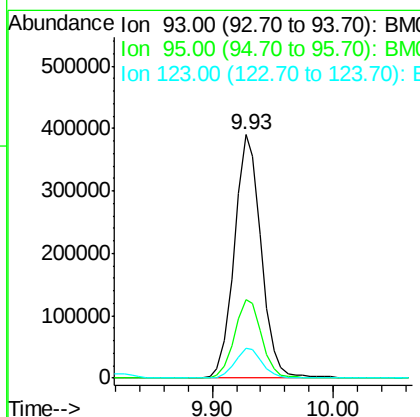
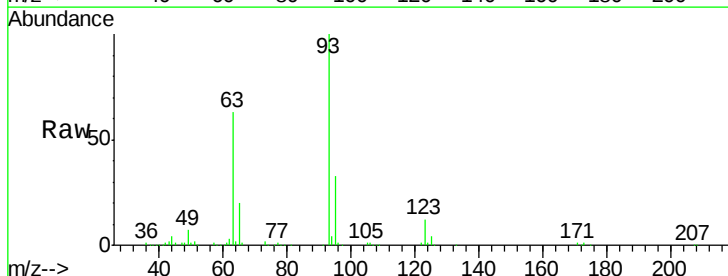
Instrument :
 BNA_M
 ClientSampleId :
 PB116792BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.6	91.9	137.9
121	59.6	47.5	71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 41.045 ng
 RT: 9.93 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.6	39.8
123	12.1	9.9	14.9

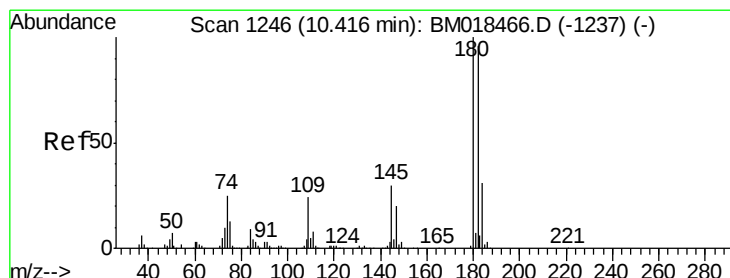
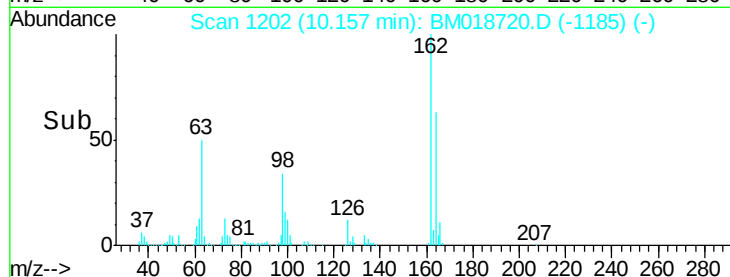
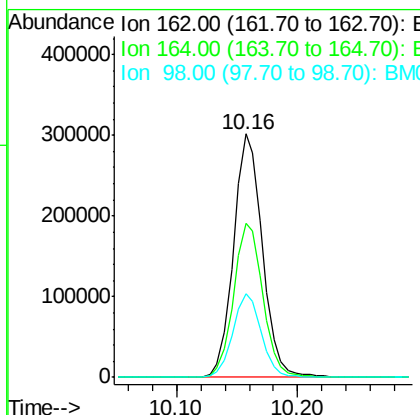
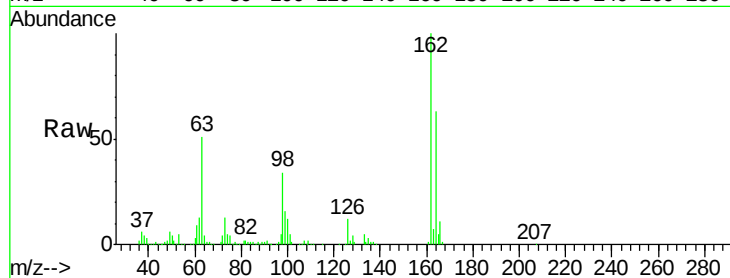




#29
 2,4-Dichlorophenol
 Concen: 42.087 ng
 RT: 10.16 min Scan# 1202
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

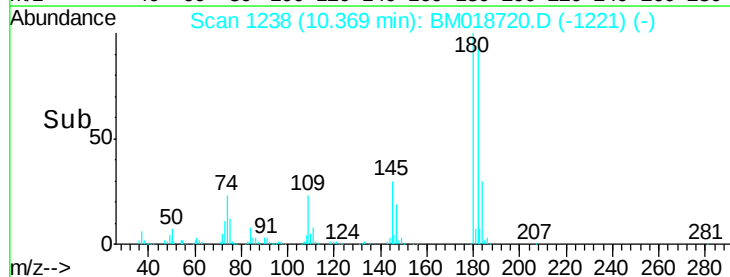
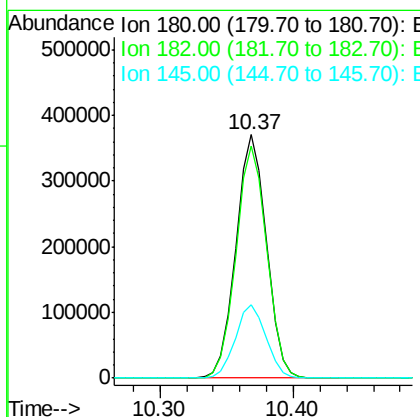
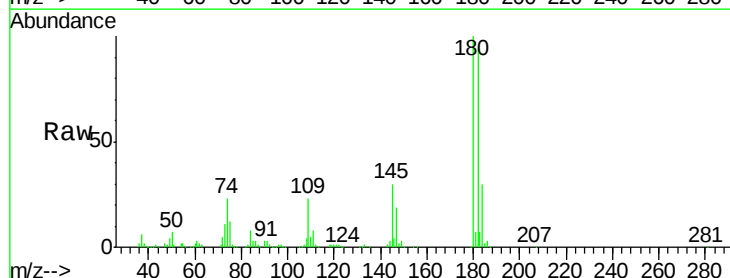
Instrument :
 BNA_M
 ClientSampleId :
 PB116792BS

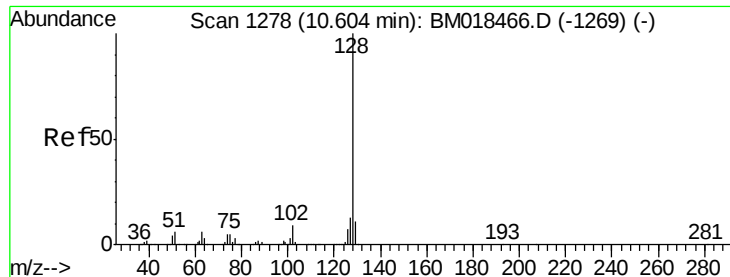
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.4	45.6	85.6
98	34.2	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 39.536 ng
 RT: 10.37 min Scan# 1238
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	77.4	116.2
145	30.2	24.6	37.0

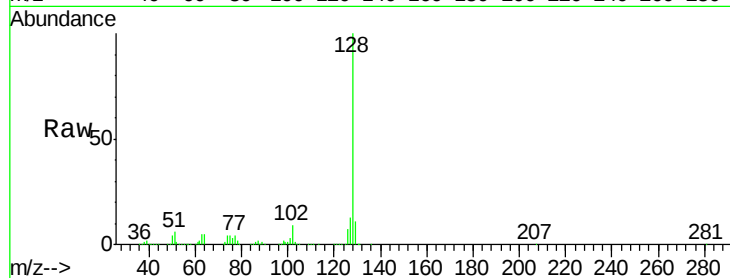




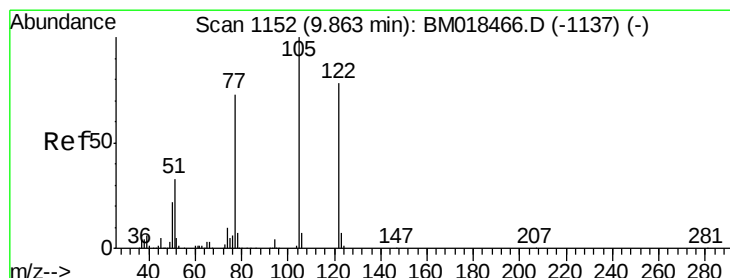
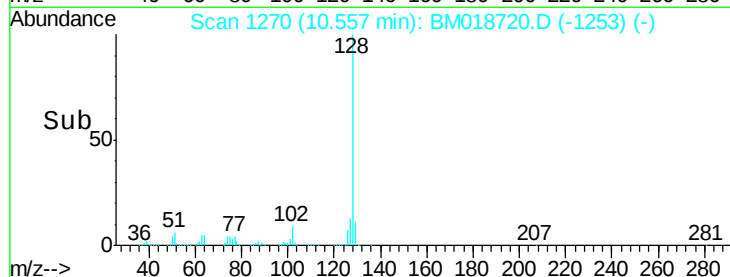
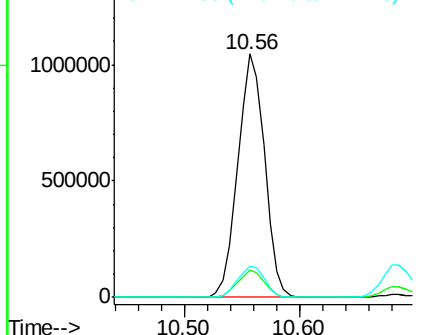
#31
Naphthalene
Concen: 42.902 ng
RT: 10.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tgt Ion:128 Resp: 1681746
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.8 16.2

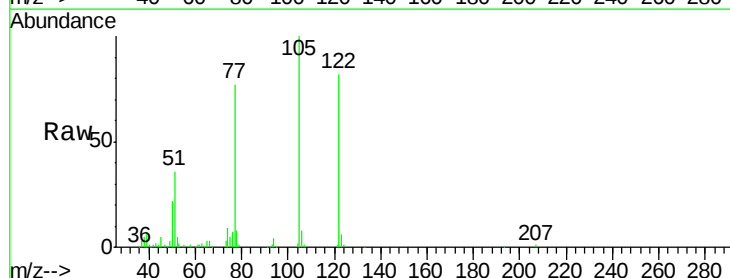


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

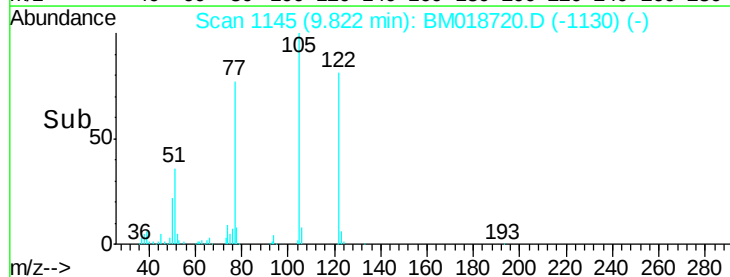
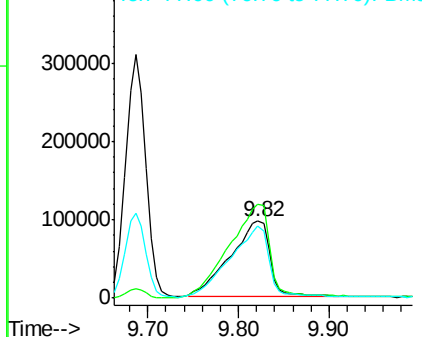


#32
Benzoic acid
Concen: 43.346 ng
RT: 9.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion:122 Resp: 287301
Ion Ratio Lower Upper
122 100
105 121.8 100.4 140.4
77 94.0 71.7 111.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): E

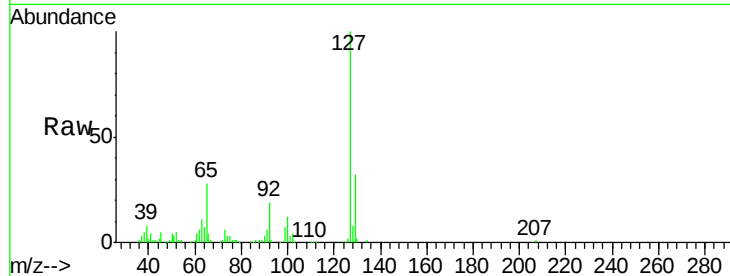




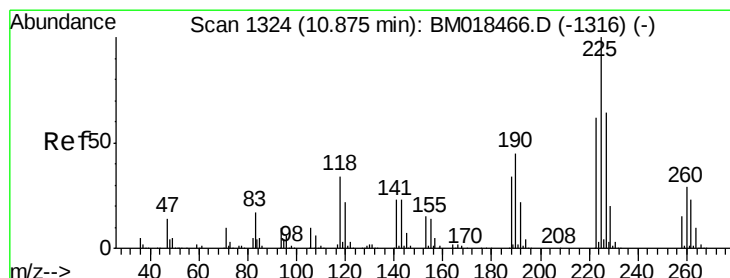
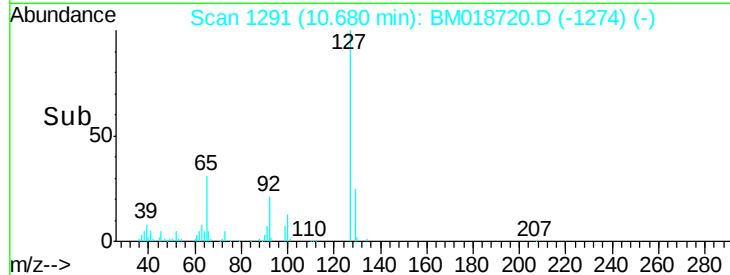
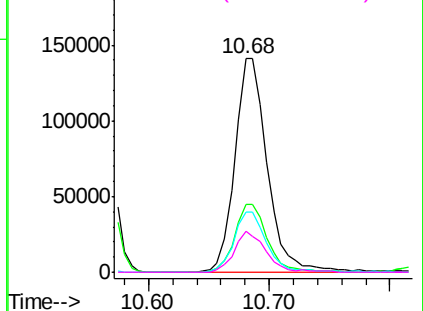
#33
4-Chloroaniline
Concen: 17.061 ng
RT: 10.68 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tgt Ion:	127	Resp:	263388
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.9	38.9
65	28.1	23.4	35.2
92	19.1	14.5	21.7

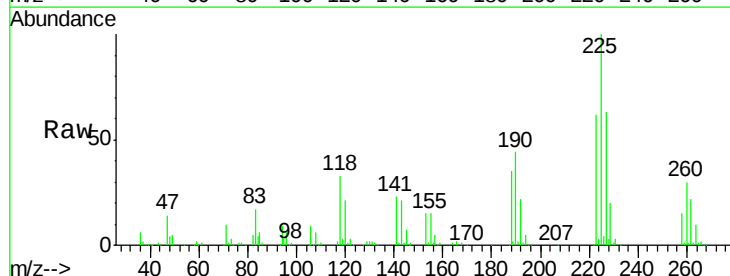


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

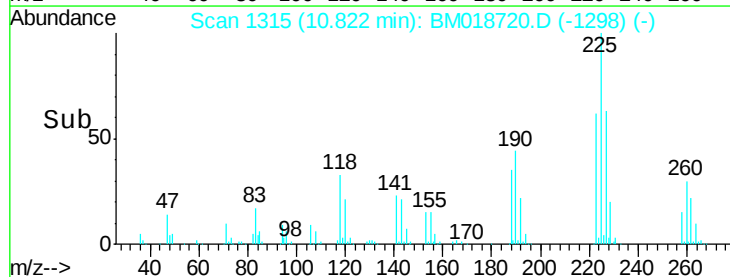
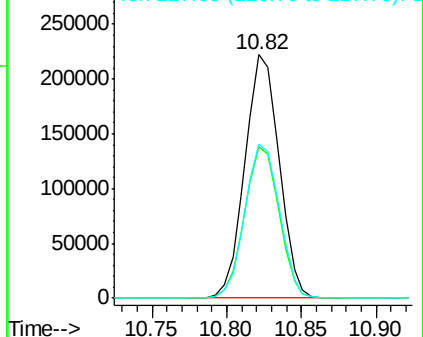


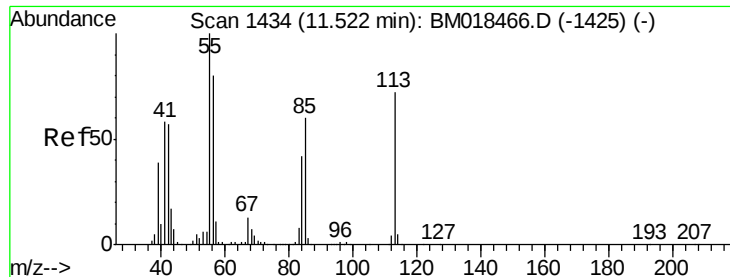
#34
Hexachlorobutadiene
Concen: 37.763 ng
RT: 10.82 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion:	225	Resp:	353052
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.8	76.2
227	63.4	50.4	75.6



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

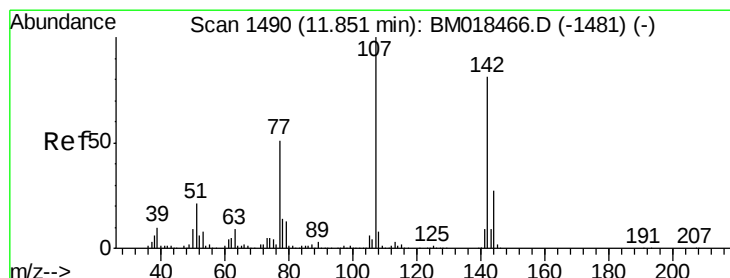
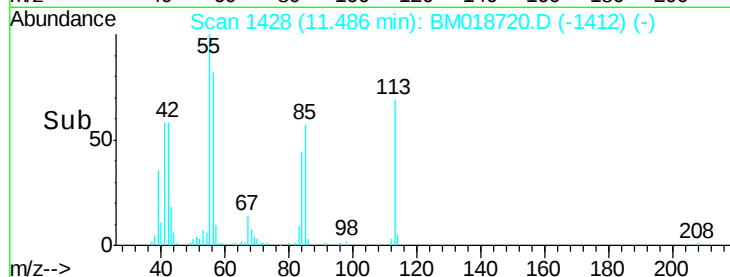
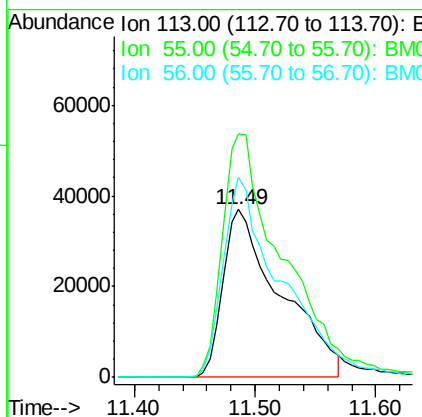
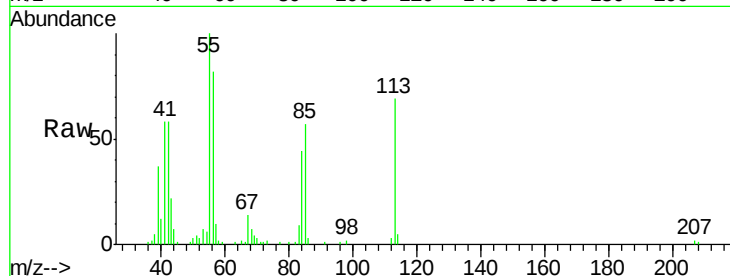




#35
 Caprolactam
 Concen: 30.312 ng
 RT: 11.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

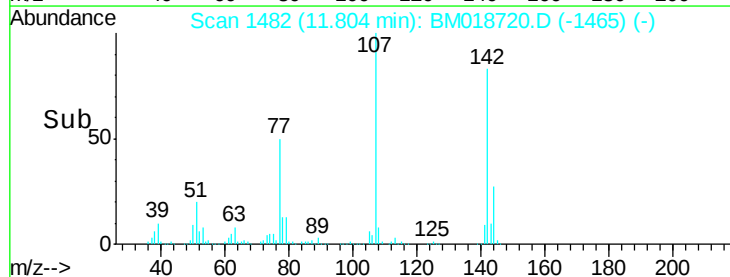
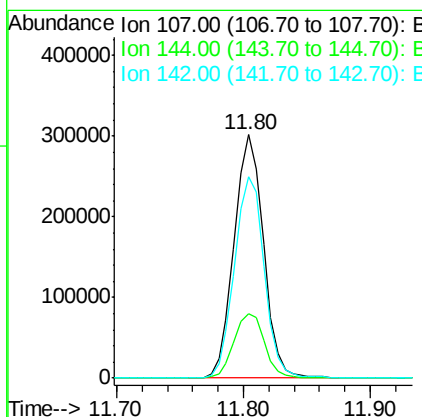
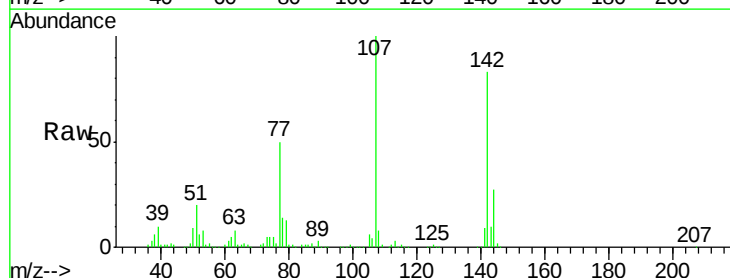
Instrument :
 BNA_M
 ClientSampleId :
 PB116792BS

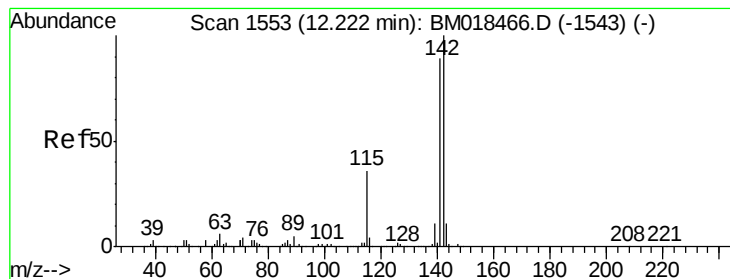
Tgt Ion:113 Resp: 122872
 Ion Ratio Lower Upper
 113 100
 55 145.1 139.3 179.3
 56 119.2 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 38.745 ng
 RT: 11.80 min Scan# 1482
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Tgt Ion:107 Resp: 484640
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.9 32.9
 142 82.7 67.9 101.9





#37

2-Methylnaphthalene

Concen: 43.026 ng

RT: 12.17 min Scan# 1545

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

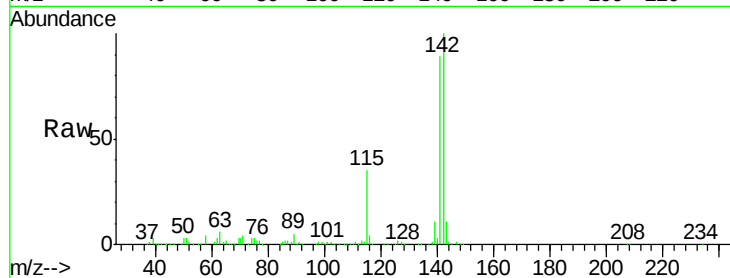
Tgt Ion:142 Resp: 1191660

Ion Ratio Lower Upper

142 100

141 89.4 71.4 107.2

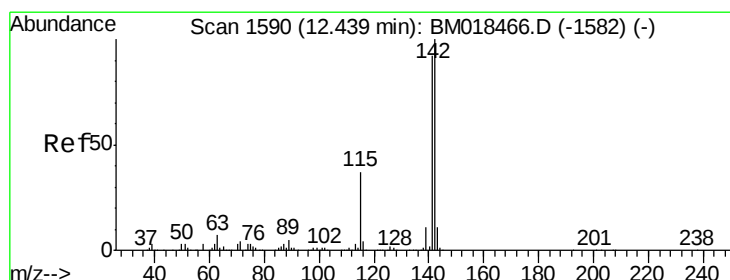
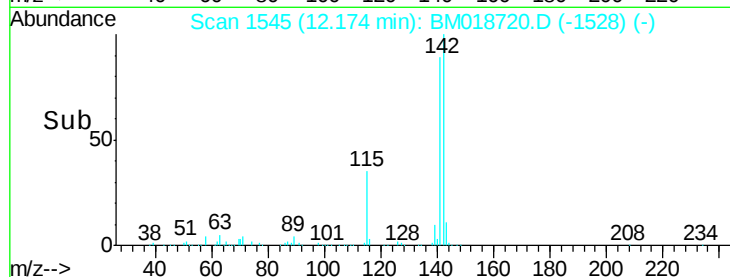
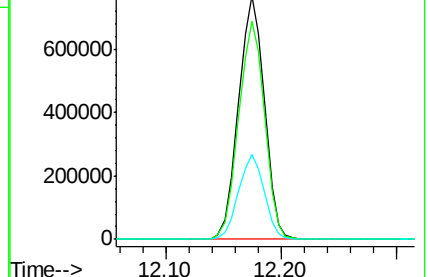
115 34.8 28.0 42.0



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: 41.840 ng

RT: 12.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

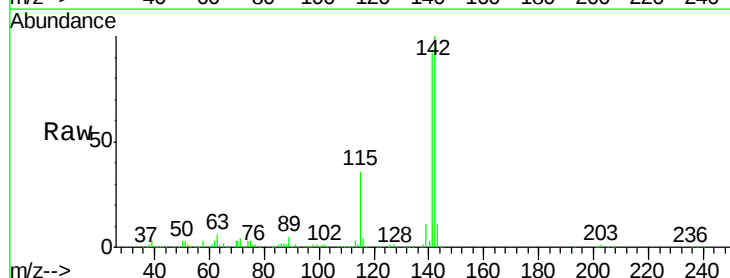
Tgt Ion:142 Resp: 1121233

Ion Ratio Lower Upper

142 100

141 92.3 75.6 113.4

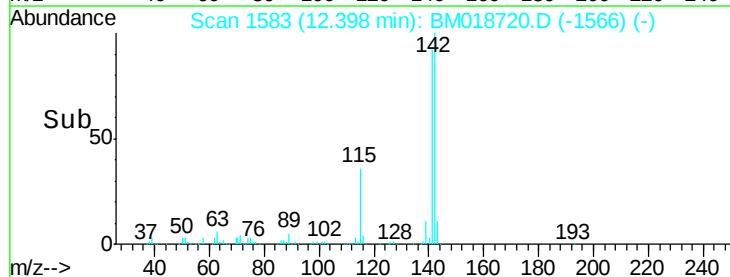
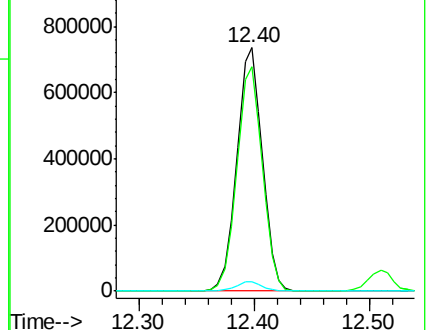
116 3.7 3.0 4.6



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: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

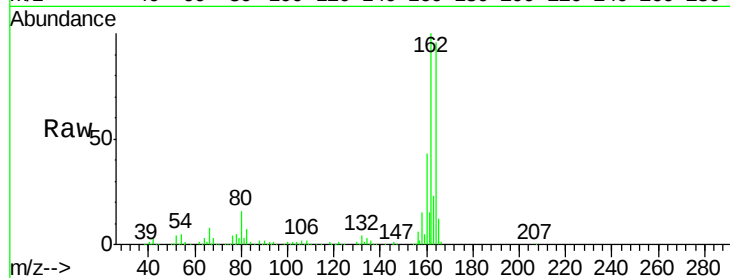
Tgt Ion:164 Resp: 418501

Ion Ratio Lower Upper

164 100

162 103.8 83.0 124.4

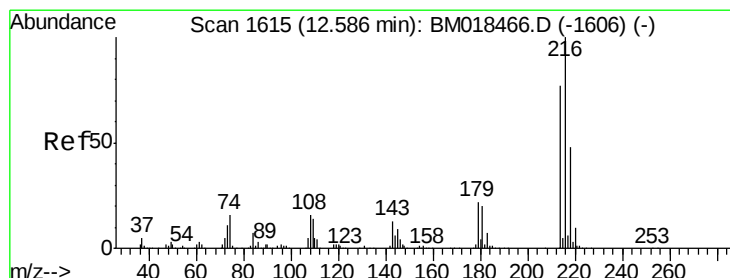
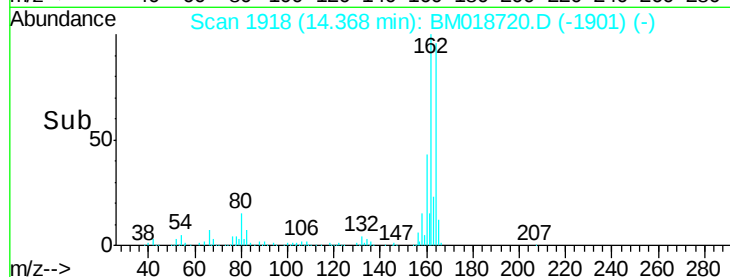
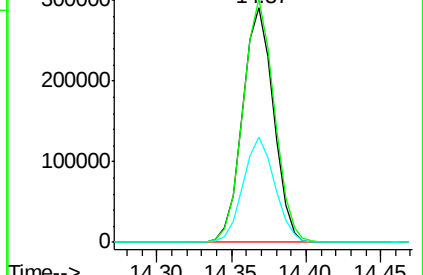
160 44.7 37.1 55.7



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: 41.257 ng

RT: 12.54 min Scan# 1607

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Tgt Ion:216 Resp: 603794

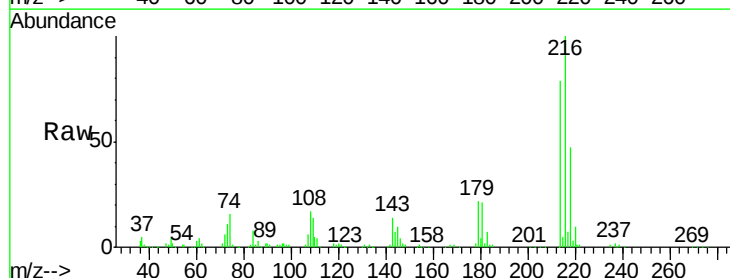
Ion Ratio Lower Upper

216 100

214 78.5 63.4 95.0

179 21.6 17.9 26.9

108 19.8 15.8 23.6

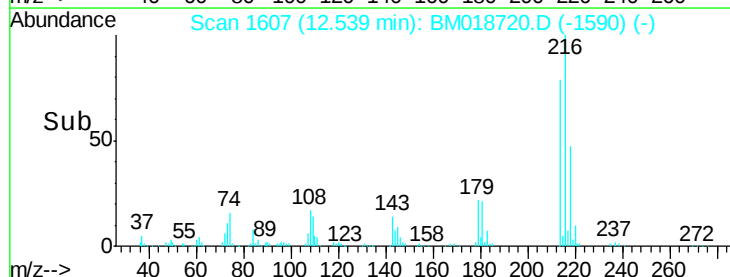
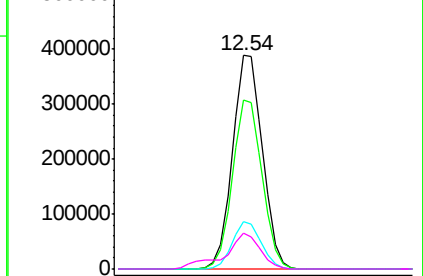


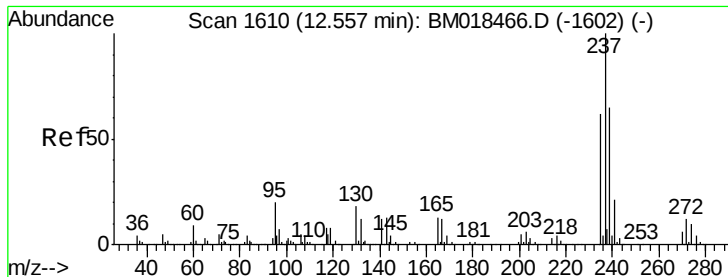
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 94.862 ng

RT: 12.51 min Scan# 1602

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

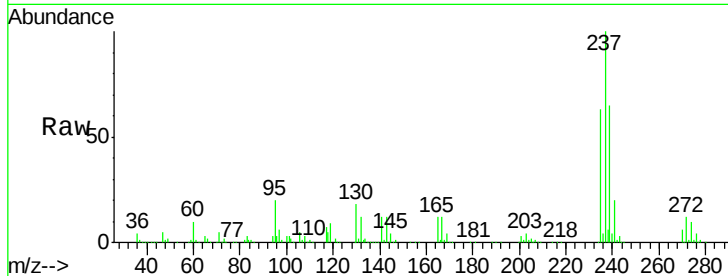
Instrument :

BNA_M

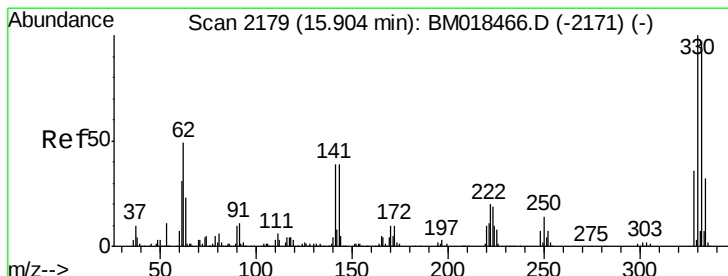
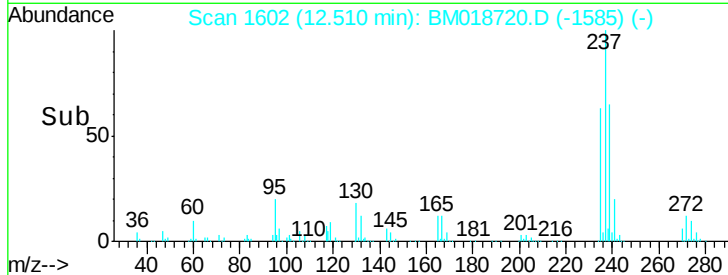
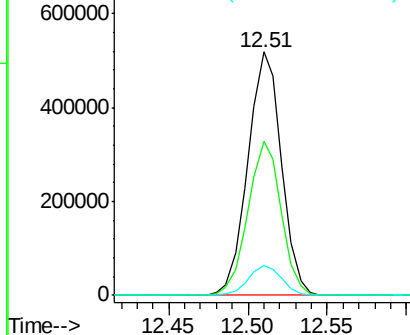
ClientSampleId :

PB116792BS

Tgt Ion:	237	Resp:	761935
Ion	Ratio	Lower	Upper
237	100		
235	63.1	42.8	82.8
272	12.3	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: 124.093 ng

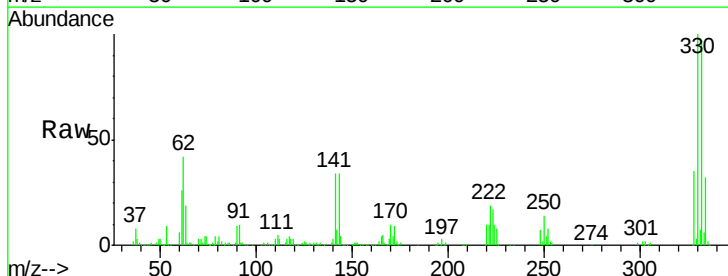
RT: 15.87 min Scan# 2173

Delta R.T. 0.01 min

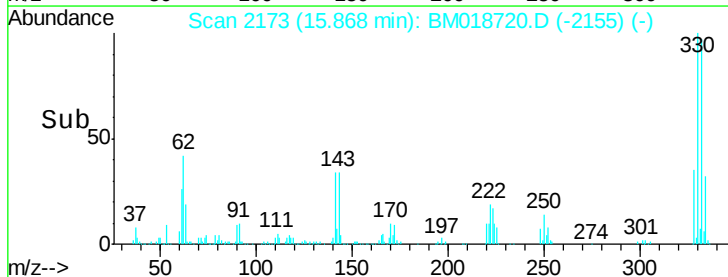
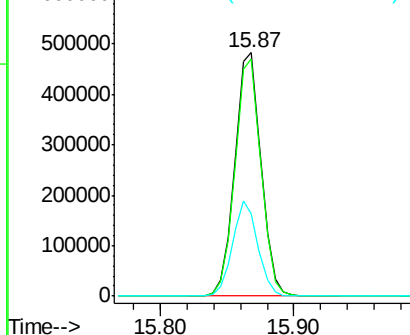
Lab File: BM018720.D

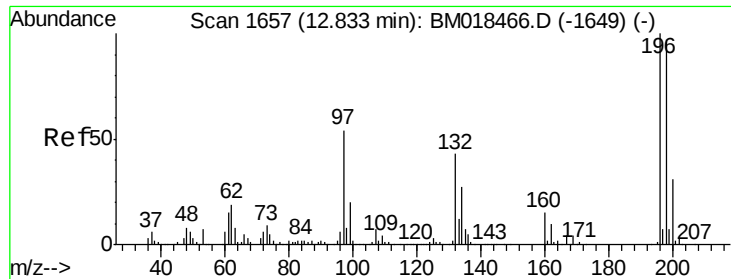
Acq: 04 Feb 2019 15:59

Tgt Ion:	330	Resp:	661255
Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.6	116.4
141	37.6	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

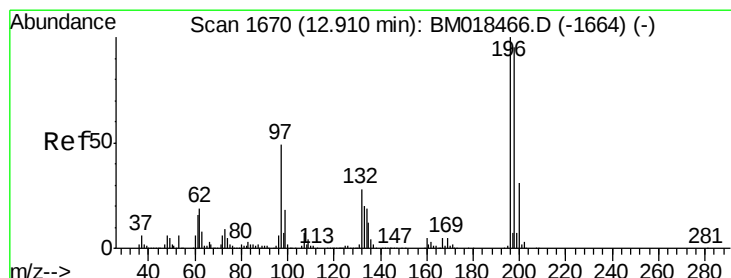
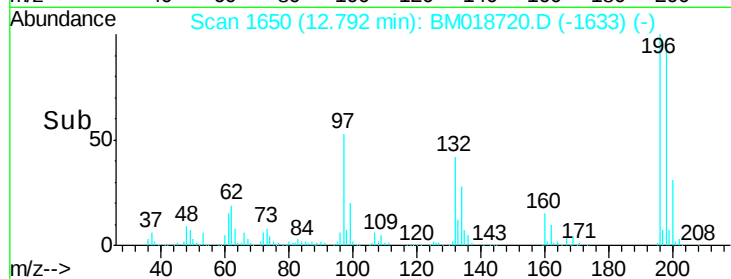
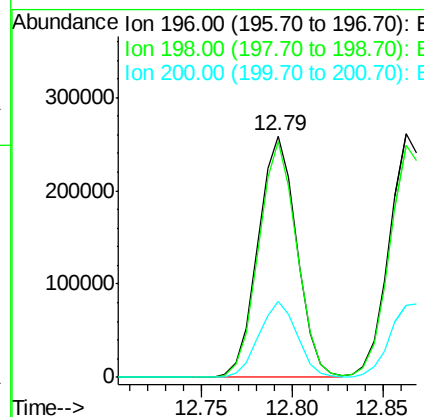
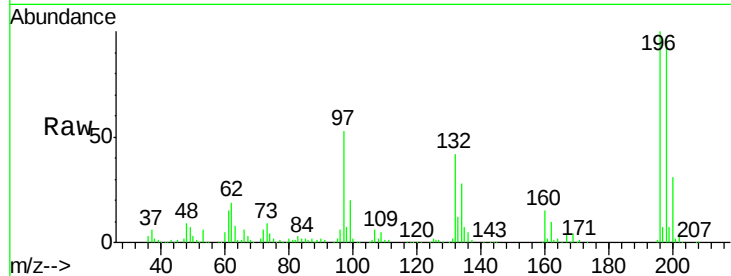




#43
 2,4,6-Trichlorophenol
 Concen: 43.135 ng
 RT: 12.79 min Scan# 1650
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

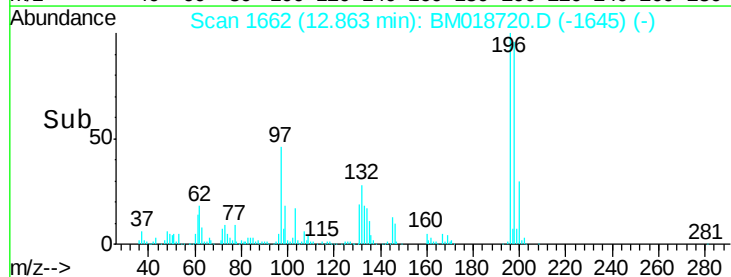
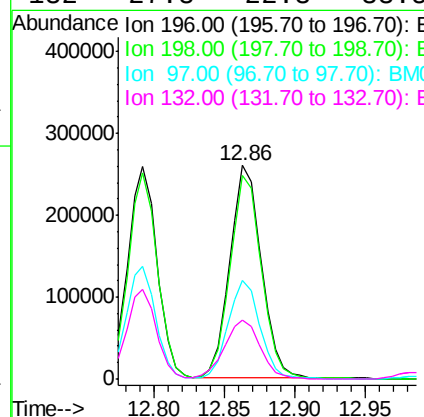
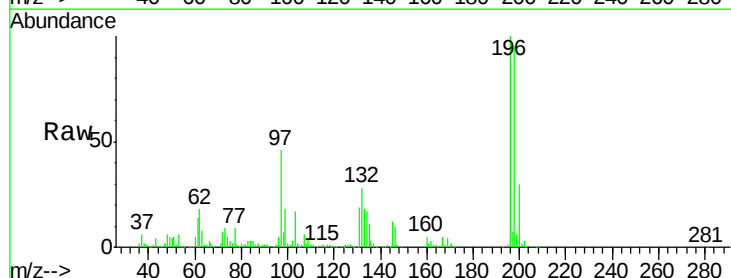
Instrument :
 BNA_M
 ClientSampleId :
 PB116792BS

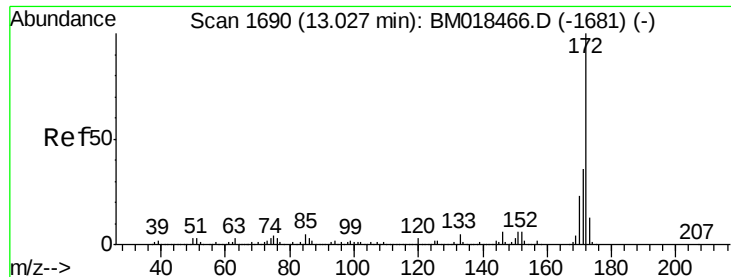
Tgt Ion:196 Resp: 383343
 Ion Ratio Lower Upper
 196 100
 198 97.5 76.6 115.0
 200 31.3 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 43.377 ng
 RT: 12.86 min Scan# 1662
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Tgt Ion:196 Resp: 405429
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.7 115.1
 97 45.9 39.2 58.8
 132 27.8 22.3 33.5

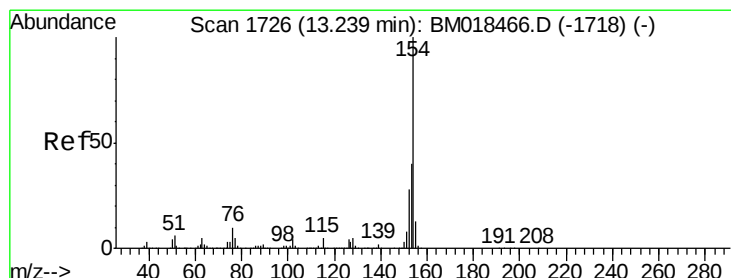
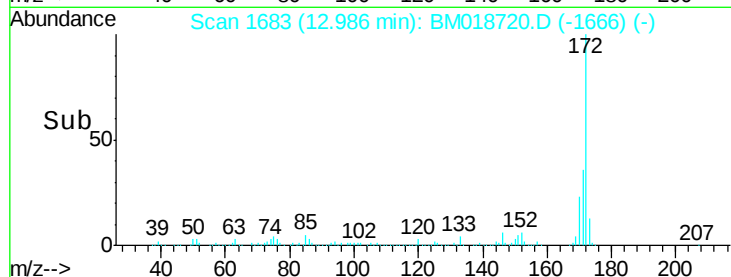
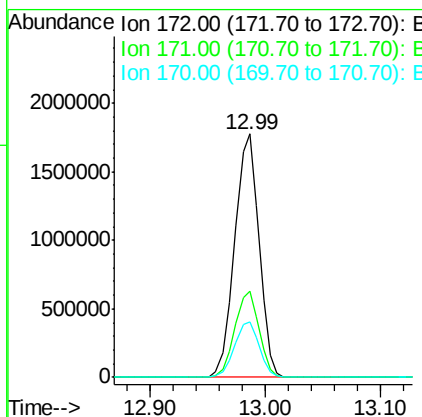
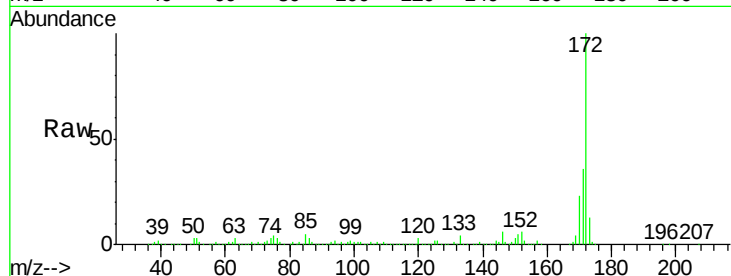




#45
 2-Fluorobiphenyl
 Concen: 80.763 ng
 RT: 12.99 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

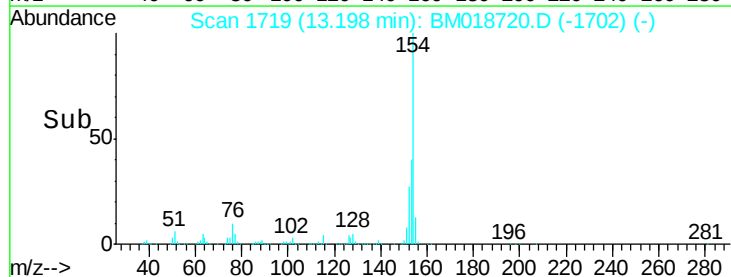
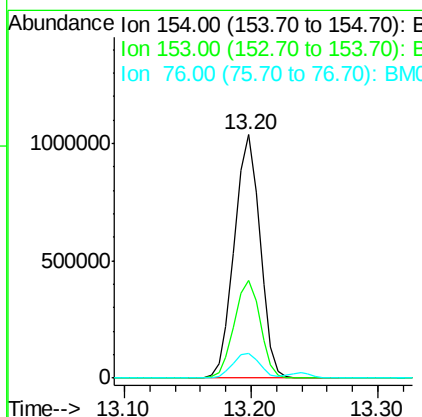
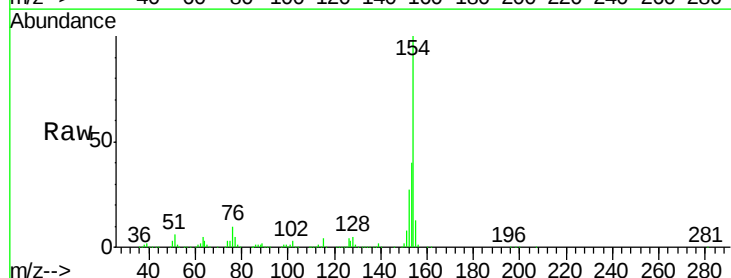
Instrument :
 BNA_M
 ClientSampleId :
 PB116792BS

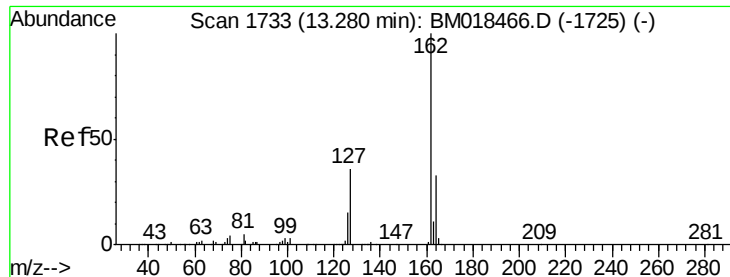
Tgt Ion:172 Resp: 2590268
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.2 42.4
 170 23.0 18.9 28.3



#46
 1,1'-Biphenyl
 Concen: 39.816 ng
 RT: 13.20 min Scan# 1719
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Tgt Ion:154 Resp: 1454926
 Ion Ratio Lower Upper
 154 100
 153 40.3 20.5 60.5
 76 10.4 0.0 31.9

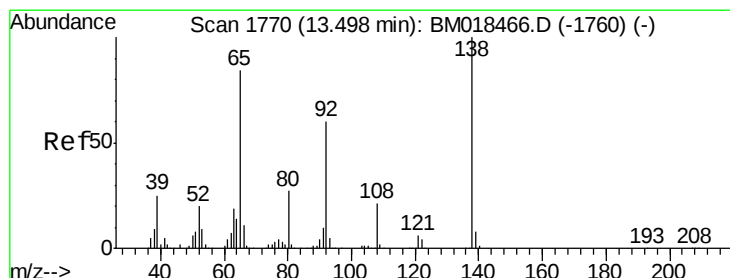
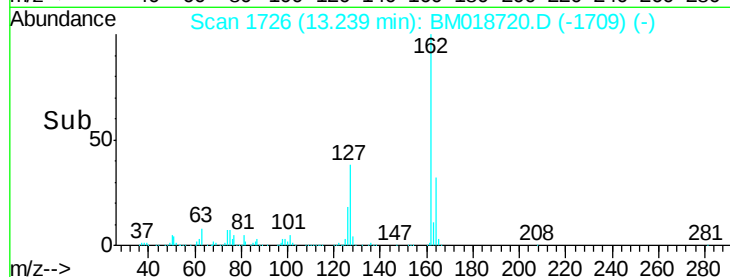
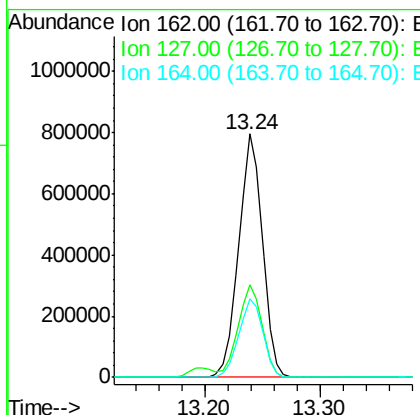
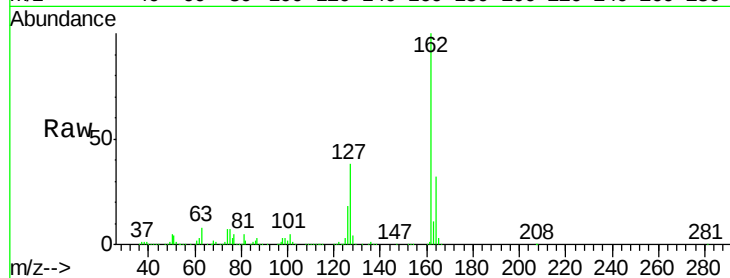




#47
 2-Chloronaphthalene
 Concen: 39.934 ng
 RT: 13.24 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

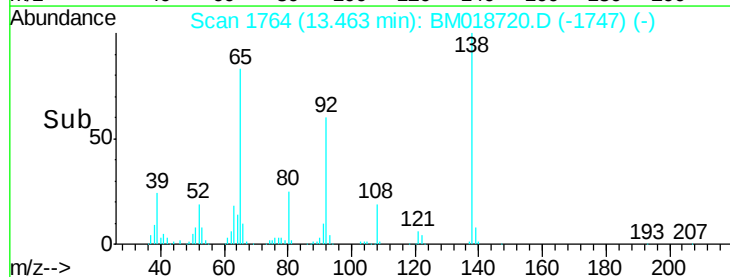
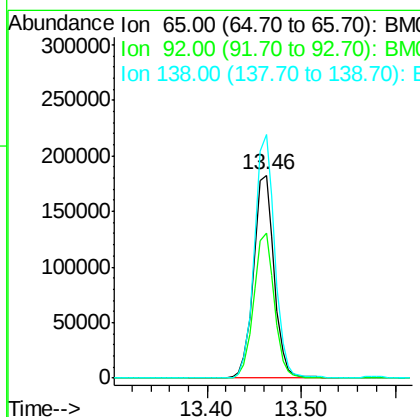
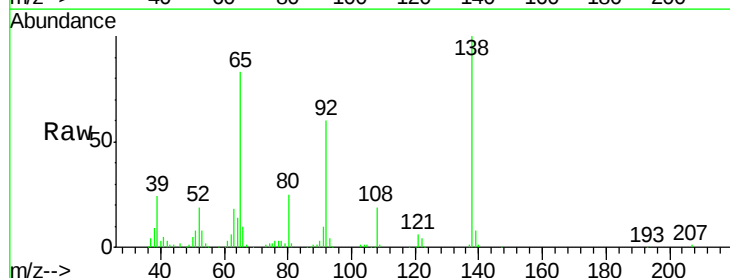
Instrument :
 BNA_M
 ClientSampleId :
 PB116792BS

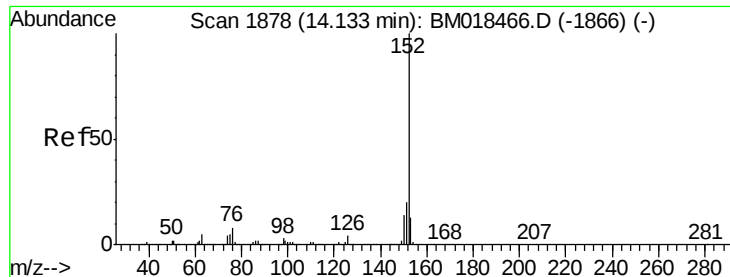
Tgt Ion: 162 Resp: 1131573
 Ion Ratio Lower Upper
 162 100
 127 38.0 31.4 47.0
 164 32.4 26.2 39.4



#48
 2-Nitroaniline
 Concen: 39.818 ng
 RT: 13.46 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Tgt Ion: 65 Resp: 277585
 Ion Ratio Lower Upper
 65 100
 92 71.4 53.4 80.2
 138 119.8 88.9 133.3





#49

Acenaphthylene

Concen: 42.570 ng

RT: 14.09 min Scan# 1871

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

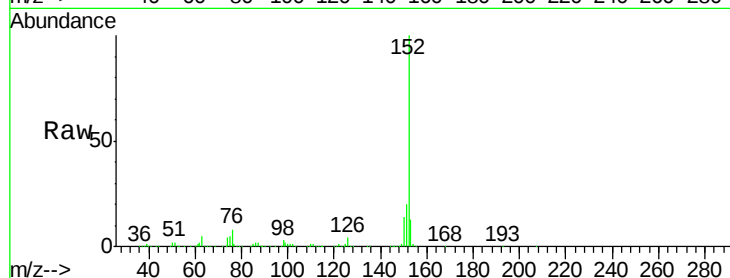
Tgt Ion:152 Resp: 1757925

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

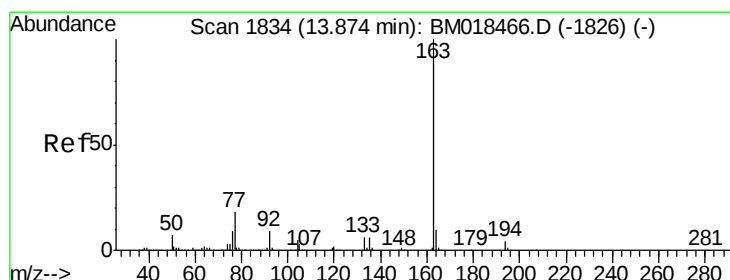
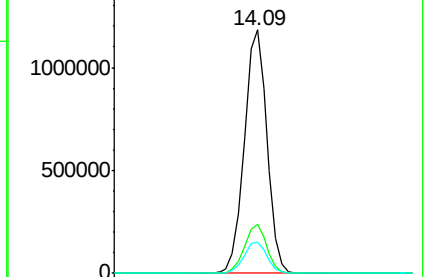
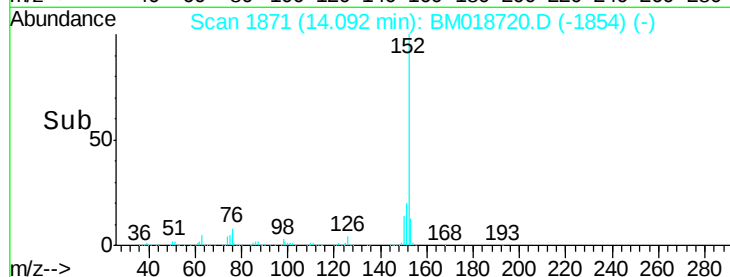
153 12.6 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.570 ng

RT: 13.83 min Scan# 1827

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

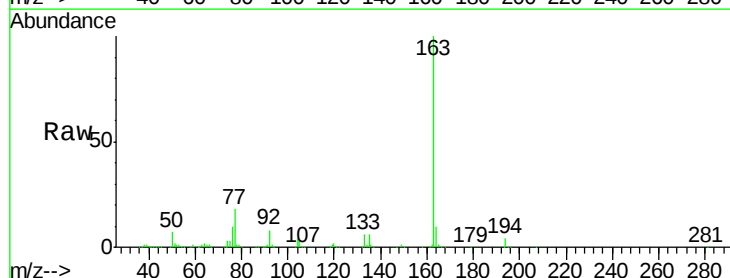
Tgt Ion:163 Resp: 1325667

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

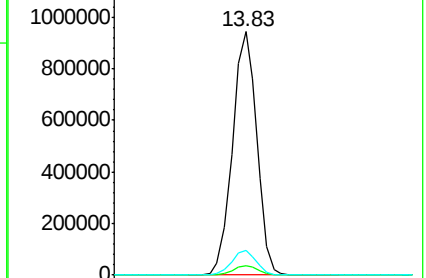
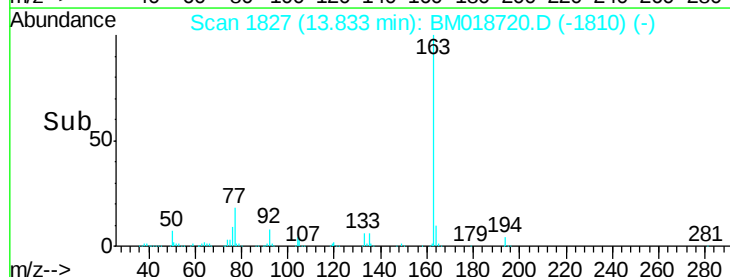
164 10.1 7.8 11.8

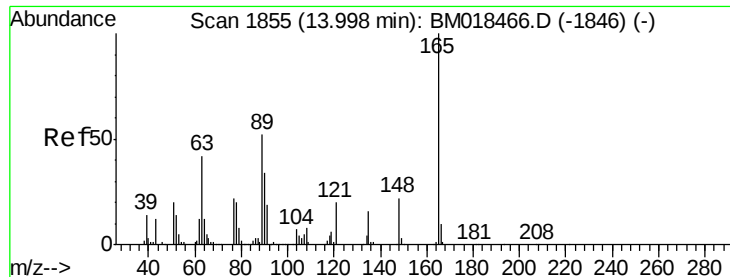


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.698 ng

RT: 13.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

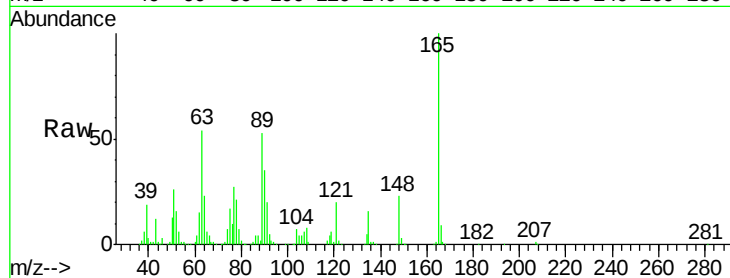
Tgt Ion:165 Resp: 289018

Ion Ratio Lower Upper

165 100

63 54.2 45.6 68.4

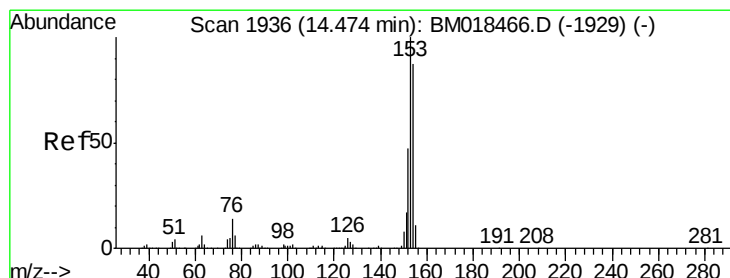
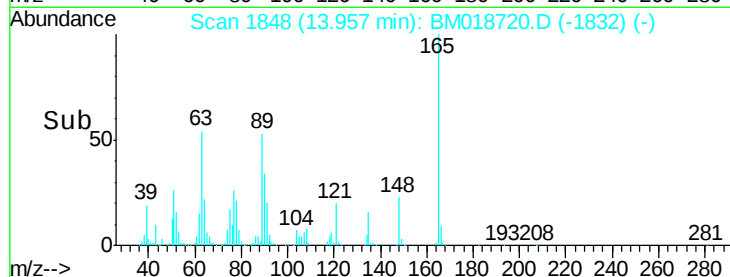
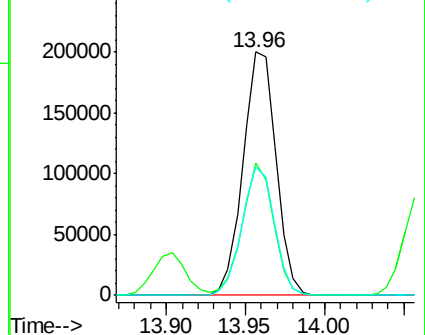
89 53.0 44.6 66.8



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0



#52

Acenaphthene

Concen: 40.126 ng

RT: 14.43 min Scan# 1929

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

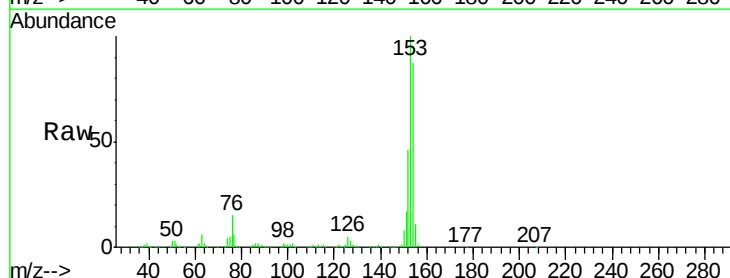
Tgt Ion:154 Resp: 1013849

Ion Ratio Lower Upper

154 100

153 114.3 92.3 138.5

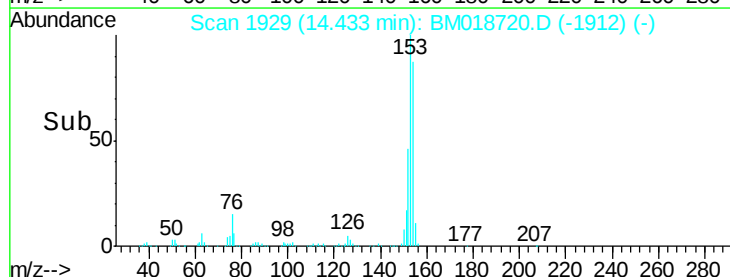
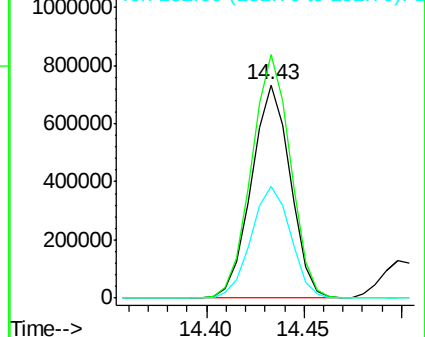
152 52.7 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

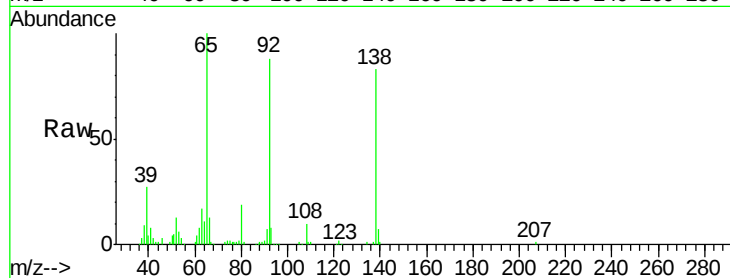




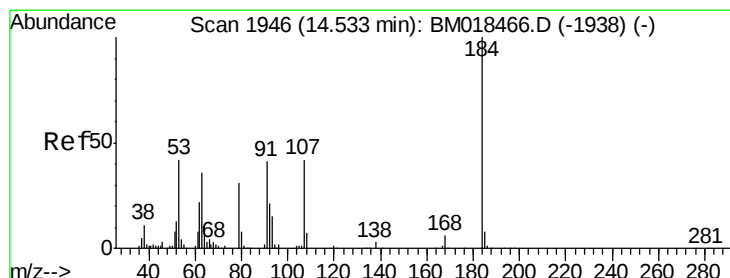
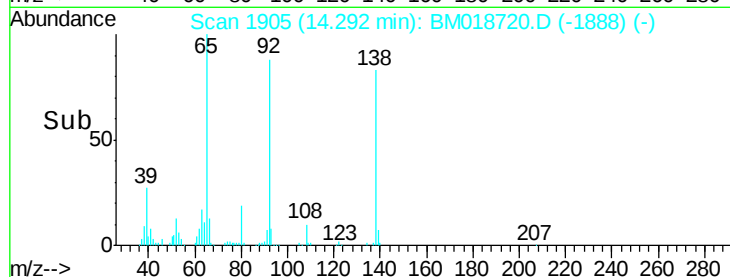
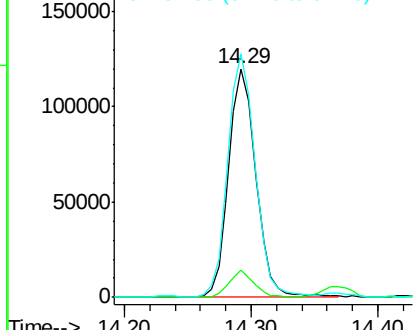
#53
3-Nitroaniline
Concen: 24.384 ng
RT: 14.29 min Scan# 1905
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tgt Ion:138 Resp: 178972
Ion Ratio Lower Upper
138 100
108 11.7 9.1 13.7
92 106.5 88.2 132.2

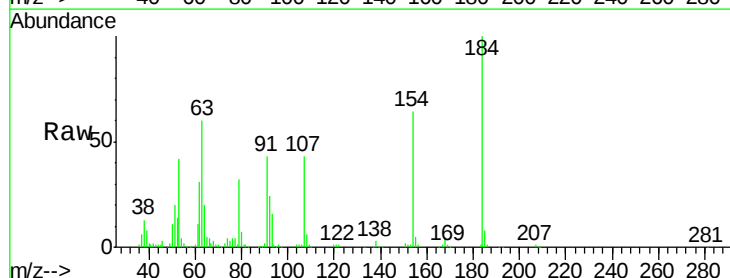


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BM

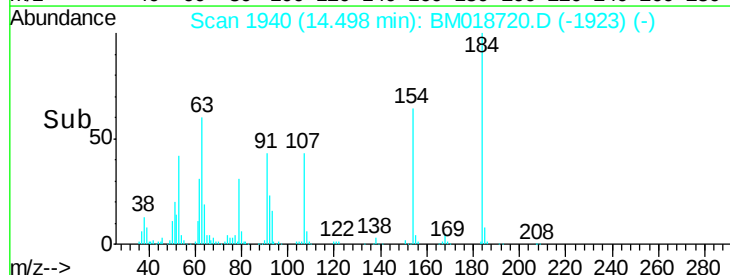
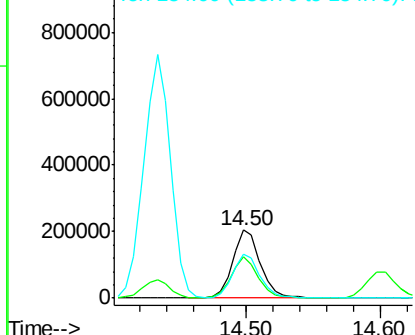


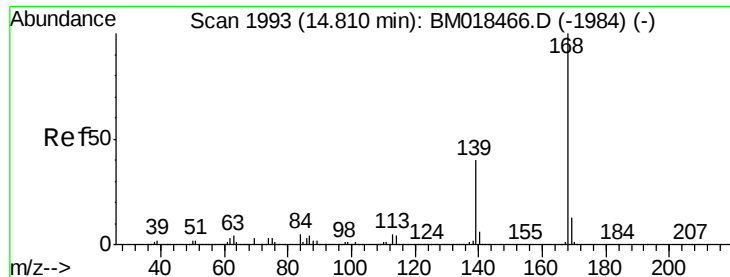
#54
2,4-Dinitrophenol
Concen: 75.161 ng
RT: 14.50 min Scan# 1940
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion:184 Resp: 294341
Ion Ratio Lower Upper
184 100
63 60.1 55.9 83.9
154 64.0 54.2 81.4



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 38.598 ng

RT: 14.77 min Scan# 1986

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

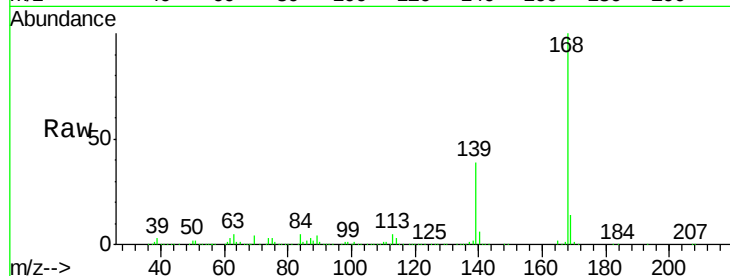
Tgt Ion:168 Resp: 1611391

Ion Ratio Lower Upper

168 100

139 38.8 30.3 45.5

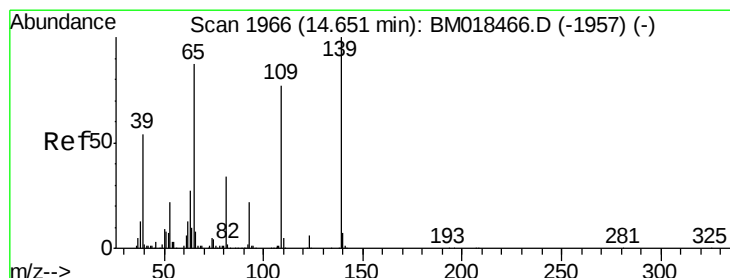
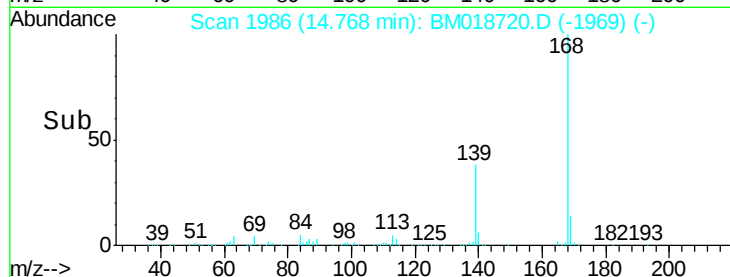
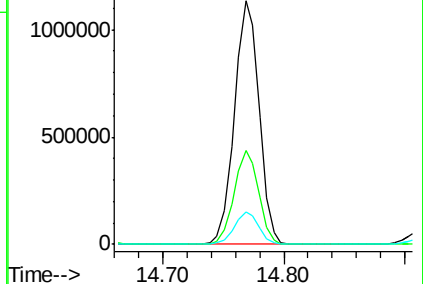
169 13.5 10.6 16.0



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: 74.383 ng

RT: 14.60 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

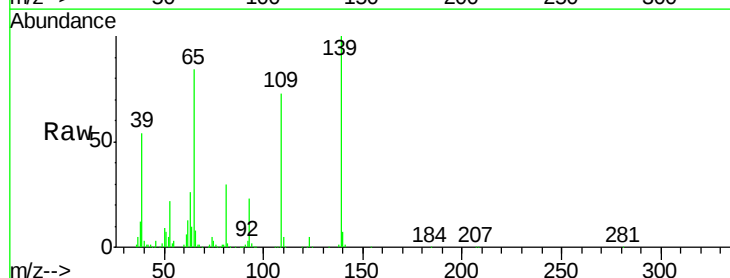
Tgt Ion:139 Resp: 471655

Ion Ratio Lower Upper

139 100

109 72.5 51.7 91.7

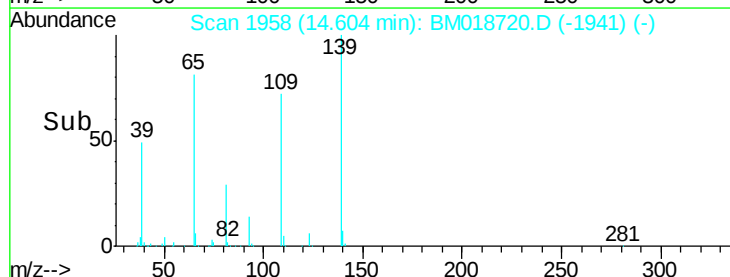
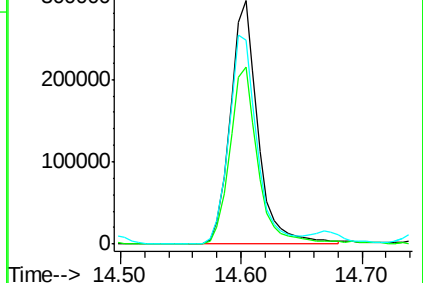
65 83.8 71.4 111.4

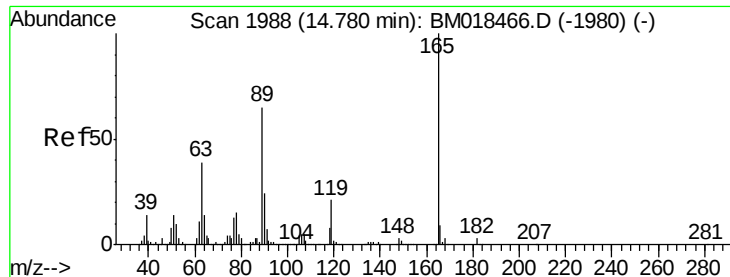


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

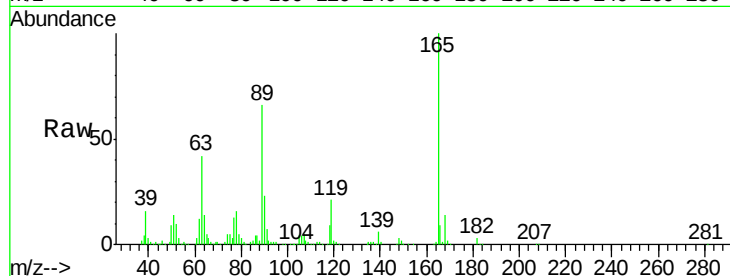




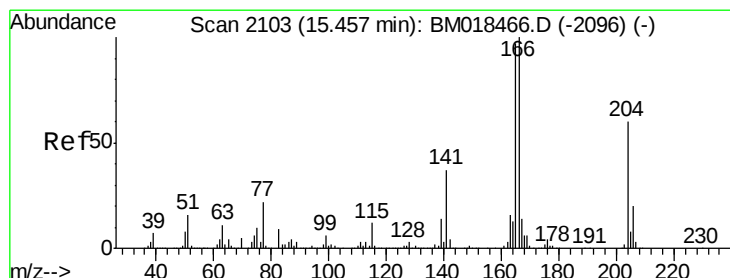
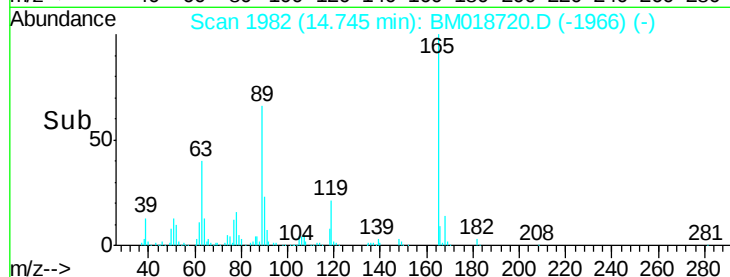
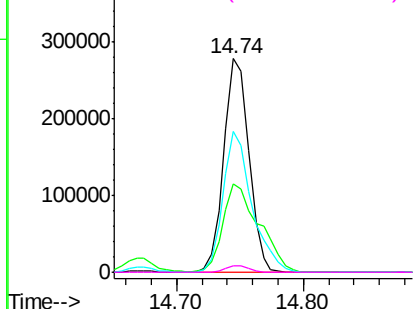
#57
2,4-Dinitrotoluene
Concen: 37.137 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.01 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tgt Ion:165 Resp: 382552
Ion Ratio Lower Upper
165 100
63 41.5 32.2 48.2
89 65.8 52.1 78.1
182 3.0 2.5 3.7

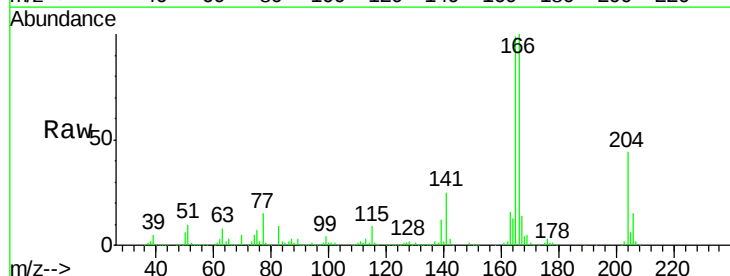


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM0
Ion 89.00 (88.70 to 89.70): BM0
Ion 182.00 (181.70 to 182.70): E

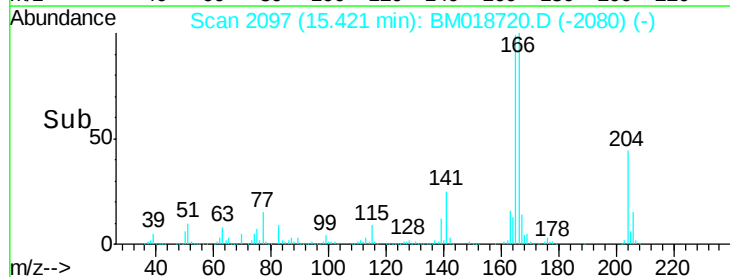
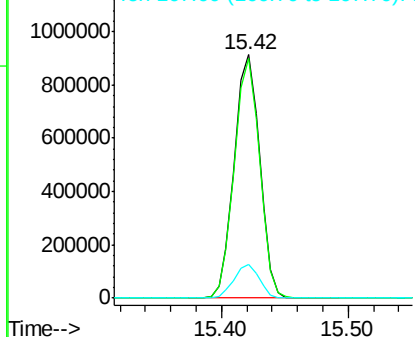


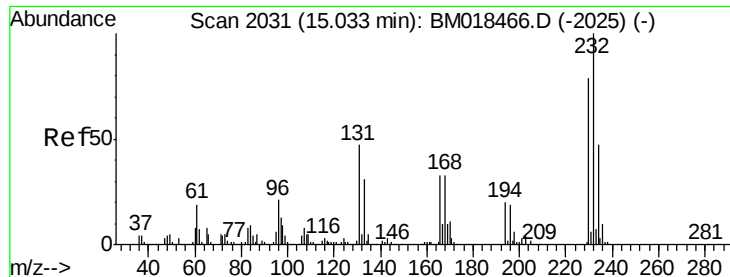
#58
Fluorene
Concen: 40.897 ng
RT: 15.42 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion:166 Resp: 1271874
Ion Ratio Lower Upper
166 100
165 98.6 78.3 117.5
167 13.7 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

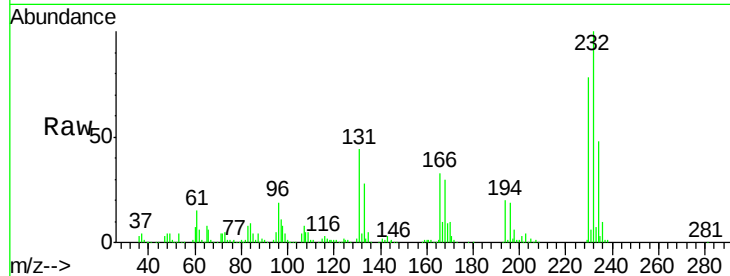




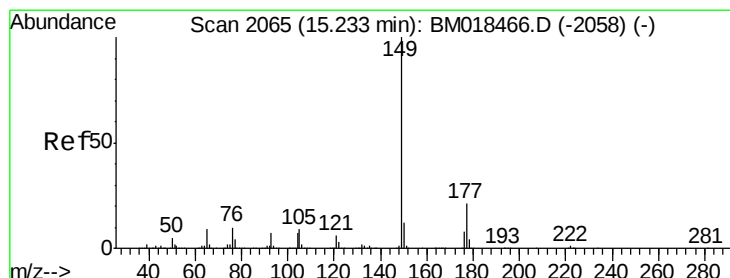
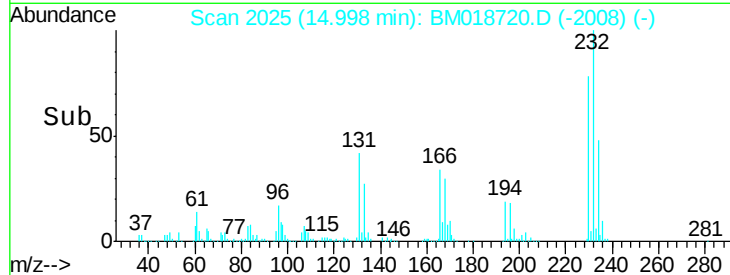
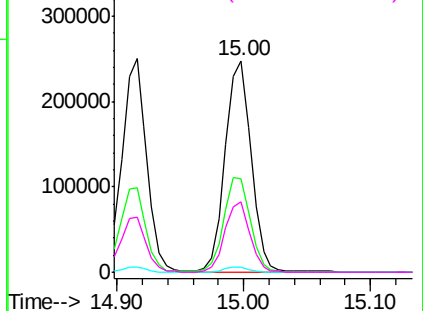
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.124 ng
 RT: 15.00 min Scan# 2025
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Instrument :
 BNA_M
 ClientSampleId :
 PB116792BS

Tgt Ion:	232	Resp:	348985
Ion	Ratio	Lower	Upper
232	100		
131	45.7	38.6	57.8
130	2.4	2.2	3.4
166	32.8	27.2	40.8

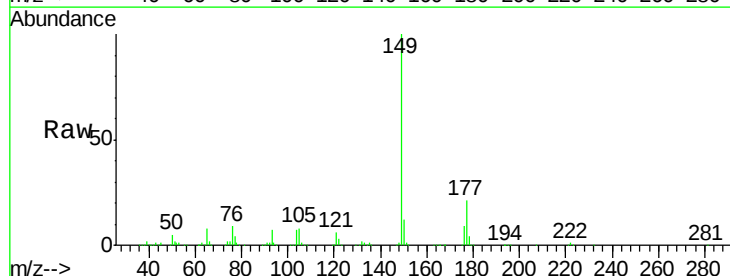


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

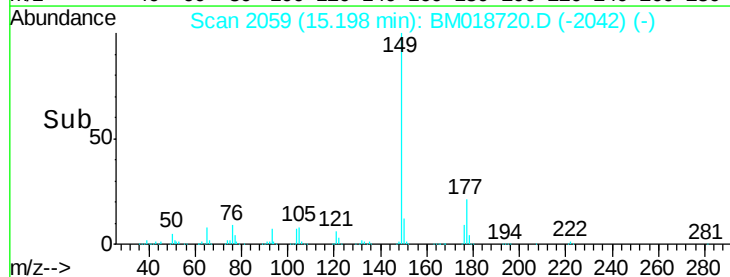
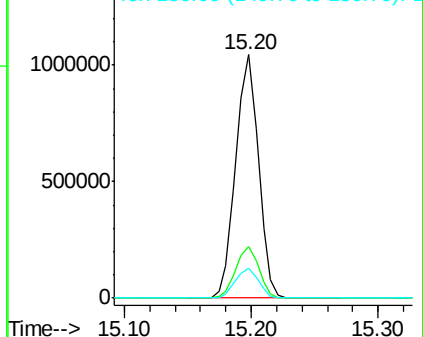


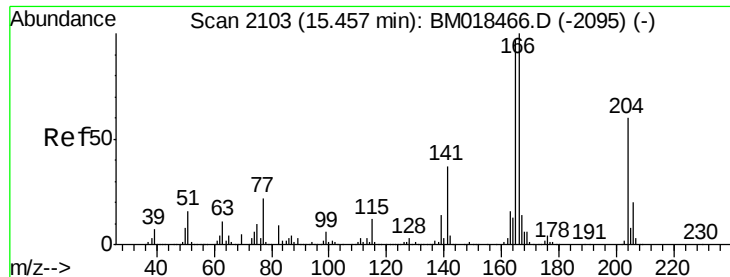
#60
 Diethylphthalate
 Concen: 37.326 ng
 RT: 15.20 min Scan# 2059
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Tgt Ion:	149	Resp:	1295108
Ion	Ratio	Lower	Upper
149	100		
177	21.3	17.1	25.7
150	12.2	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

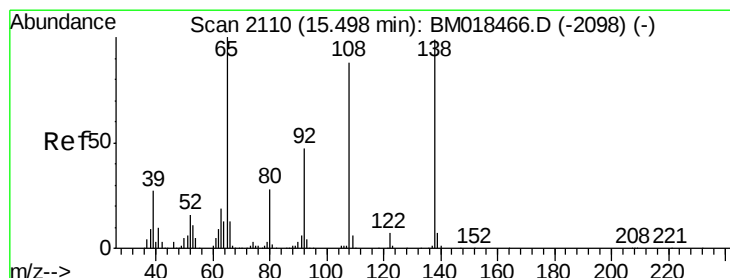
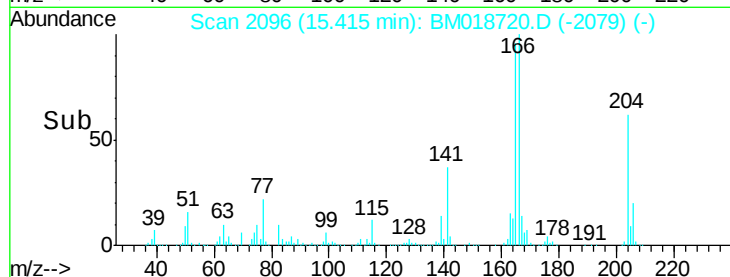
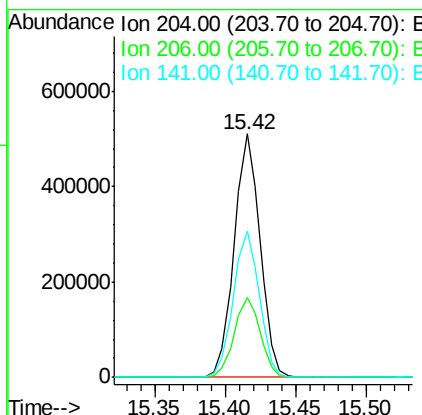
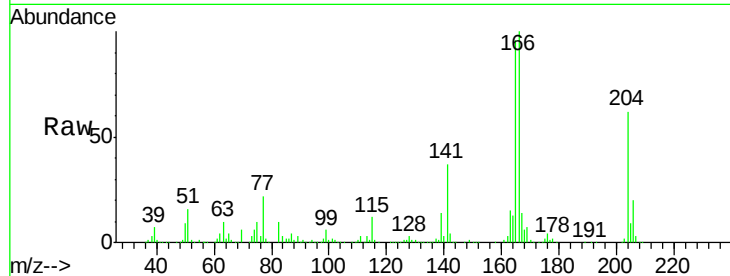




#61
4-Chlorophenyl-phenylether
Concen: 36.403 ng
RT: 15.42 min Scan# 2096
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

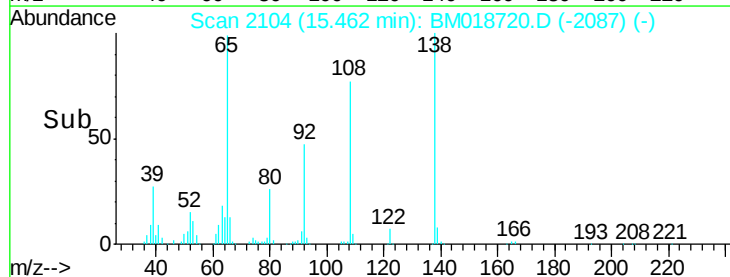
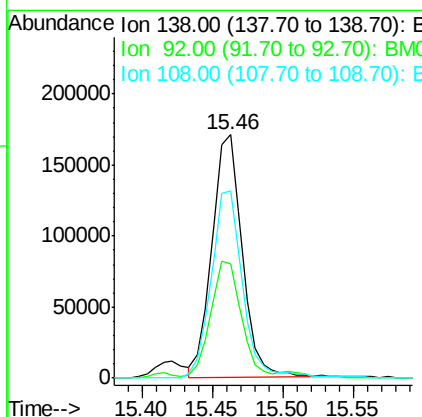
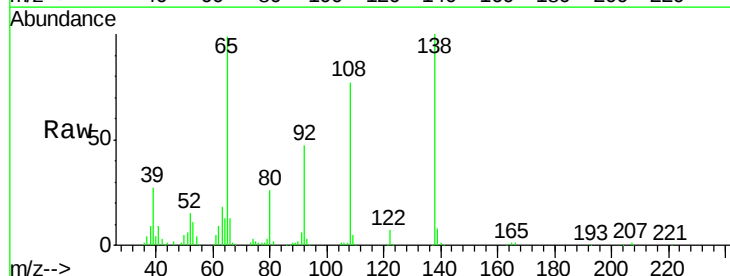
Instrument :
BNA_M
ClientSampleId :
PB116792BS

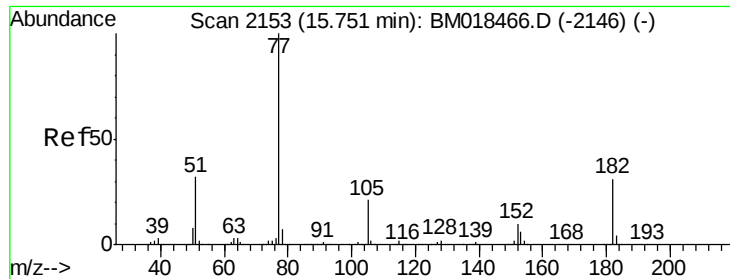
Tgt Ion:204 Resp: 652494
Ion Ratio Lower Upper
204 100
206 32.9 25.8 38.6
141 59.9 49.5 74.3



#62
4-Nitroaniline
Concen: 31.767 ng
RT: 15.46 min Scan# 2104
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion:138 Resp: 254325
Ion Ratio Lower Upper
138 100
92 47.0 29.0 69.0
108 77.0 63.9 103.9





#63

Azobenzene

Concen: 38.102 ng

RT: 15.71 min Scan# 2146

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

Tgt Ion: 77 Resp: 1077865

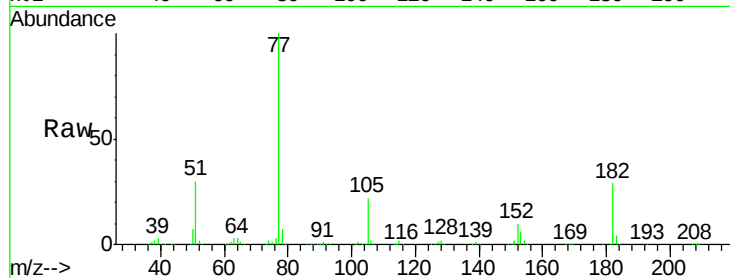
Ion Ratio Lower Upper

77 100

182 29.3 7.4 47.4

105 21.6 0.0 39.6

51 30.5 12.0 52.0



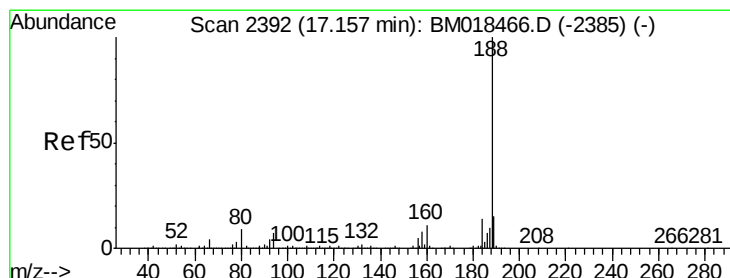
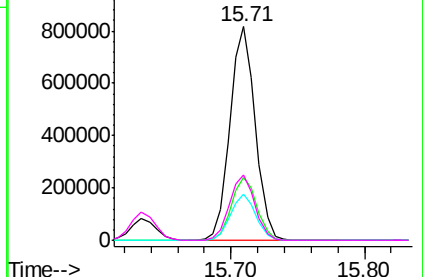
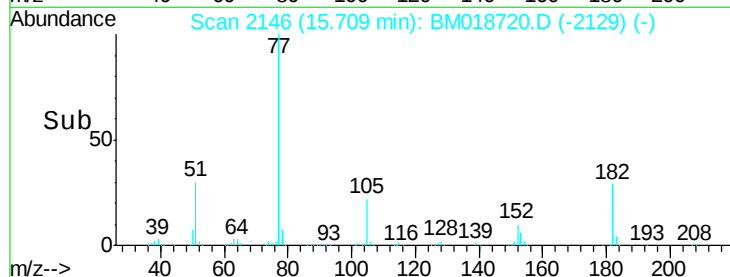
Abundance Ion 77.00 (76.70 to 77.70): BM018720.D (-2146) (-)

Ion 182.00 (181.70 to 182.70): BM018720.D (-2146) (-)

Ion 105.00 (104.70 to 105.70): BM018720.D (-2146) (-)

Ion 51.00 (50.70 to 51.70): BM018720.D (-2146) (-)

Time-->



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.12 min Scan# 2386

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

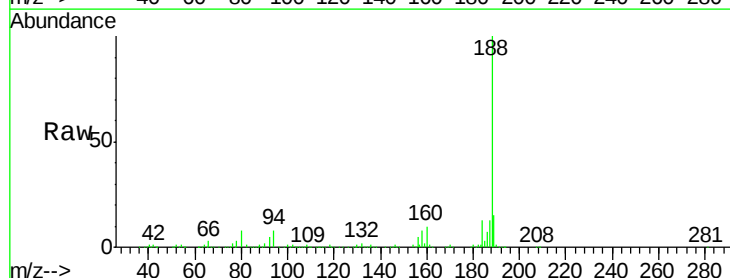
Tgt Ion: 188 Resp: 832823

Ion Ratio Lower Upper

188 100

94 7.6 7.1 10.7

80 8.2 7.6 11.4

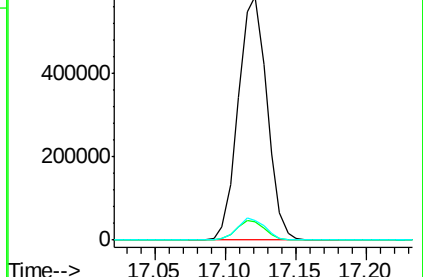
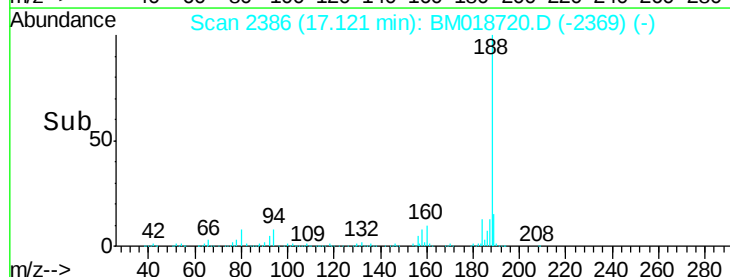


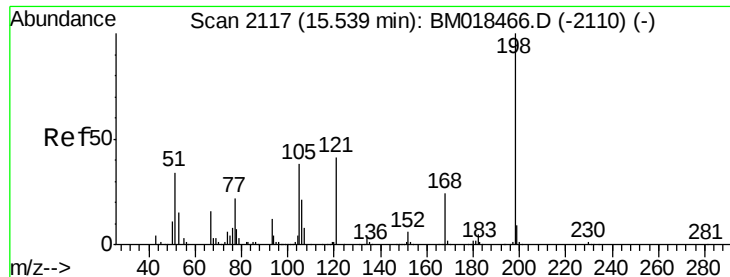
Abundance Ion 188.00 (187.70 to 188.70): BM018720.D (-2385) (-)

Ion 94.00 (93.70 to 94.70): BM018720.D (-2385) (-)

Ion 80.00 (79.70 to 80.70): BM018720.D (-2385) (-)

Time-->





#65

4,6-Dinitro-2-methylphenol

Concen: 39.059 ng

RT: 15.51 min Scan# 2112

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

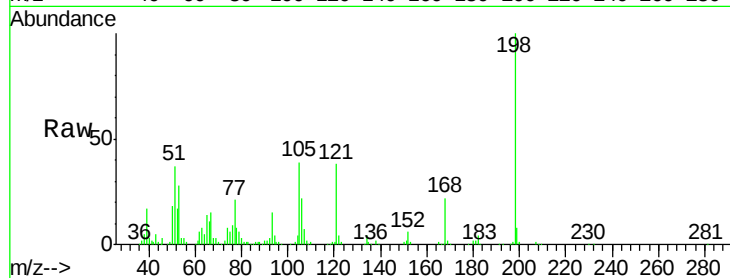
Tgt Ion:198 Resp: 201330

Ion Ratio Lower Upper

198 100

51 37.1 29.6 69.6

105 39.5 25.5 65.5



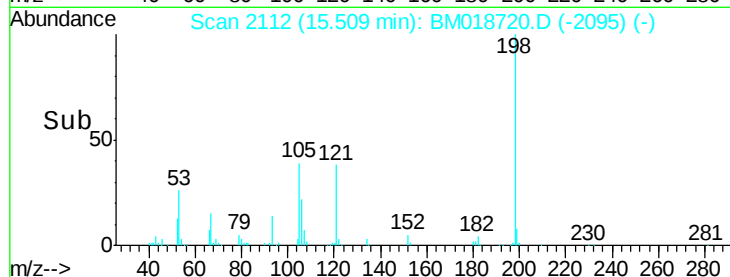
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM018720.D (-2095) (-)

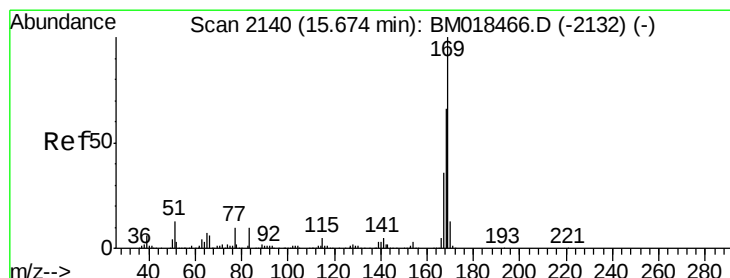
Ion 105.00 (104.70 to 105.70): E

15.51

15.50 15.60



Time-->



#66

n-Nitrosodiphenylamine

Concen: 42.267 ng

RT: 15.63 min Scan# 2133

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

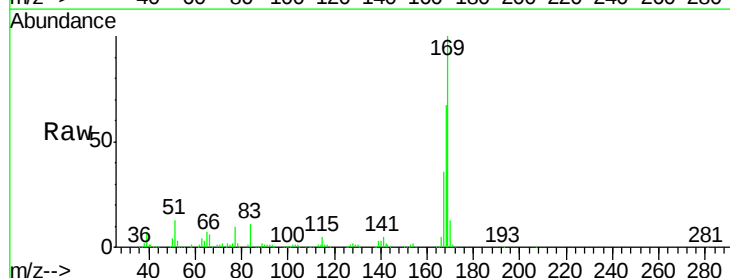
Tgt Ion:169 Resp: 1091917

Ion Ratio Lower Upper

169 100

168 67.0 54.1 81.1

167 36.2 28.6 42.8



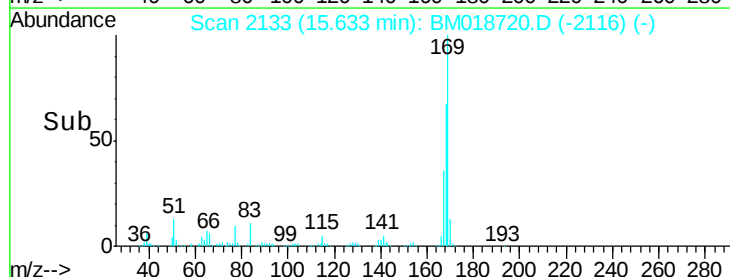
Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

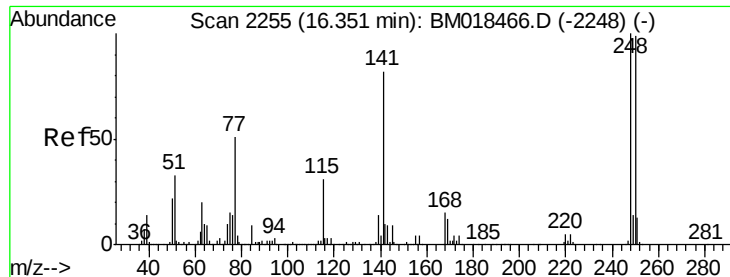
Ion 167.00 (166.70 to 167.70): E

15.63

15.60 15.70



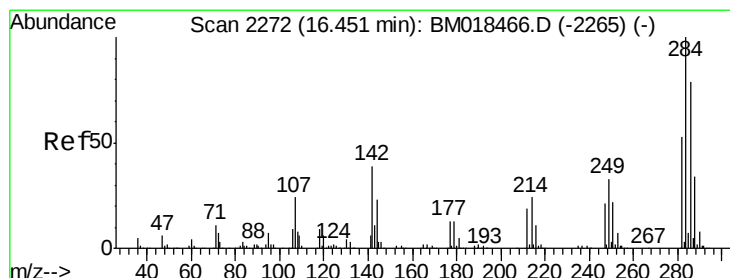
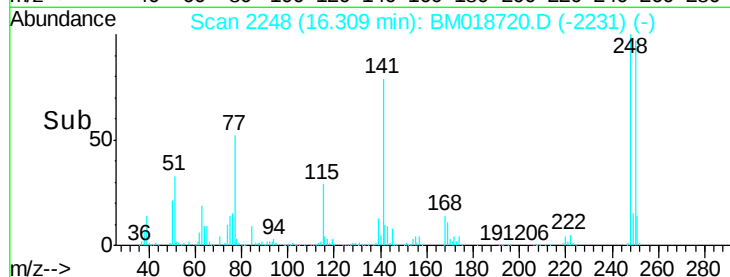
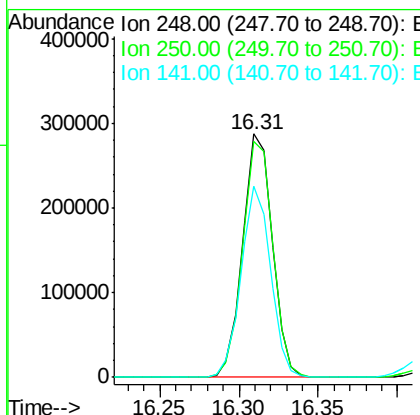
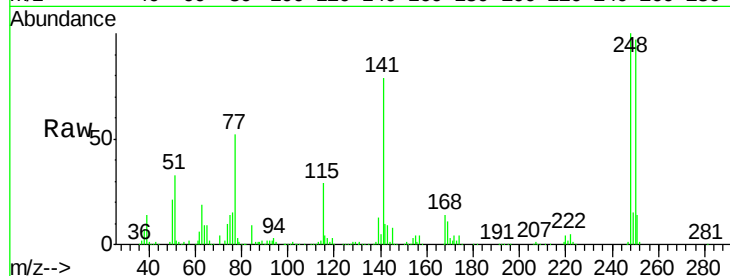
Time-->



#67
4-Bromophenyl-phenylether
Concen: 40.296 ng
RT: 16.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

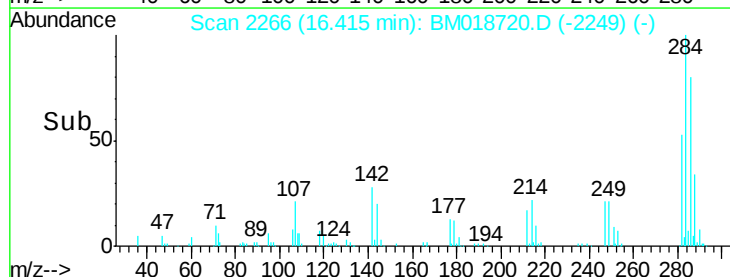
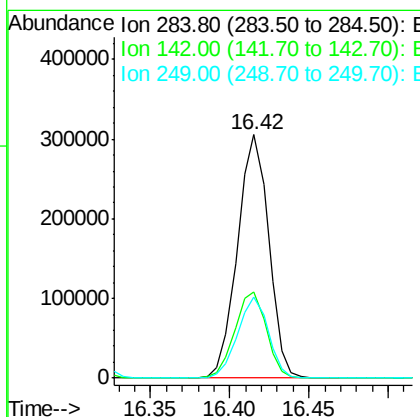
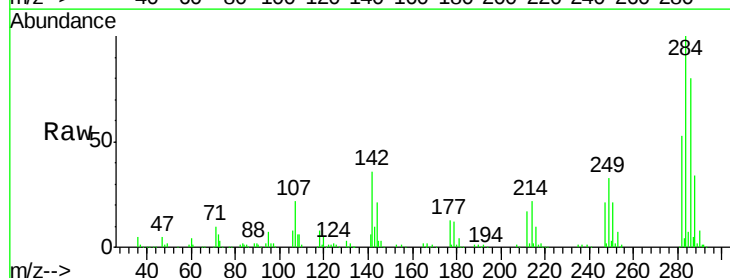
Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tgt Ion:248 Resp: 375553
Ion Ratio Lower Upper
248 100
250 96.9 76.0 114.0
141 78.5 61.5 92.3



#68
Hexachlorobenzene
Concen: 40.106 ng
RT: 16.42 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion:284 Resp: 418441
Ion Ratio Lower Upper
284 100
142 35.6 29.2 43.8
249 33.4 26.1 39.1





#69

Atrazine

Concen: 39.812 ng

RT: 16.59 min Scan# 2296

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

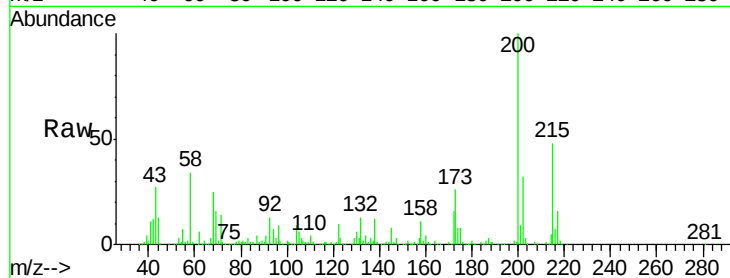
Tgt Ion:200 Resp: 371815

Ion Ratio Lower Upper

200 100

173 25.9 7.2 47.2

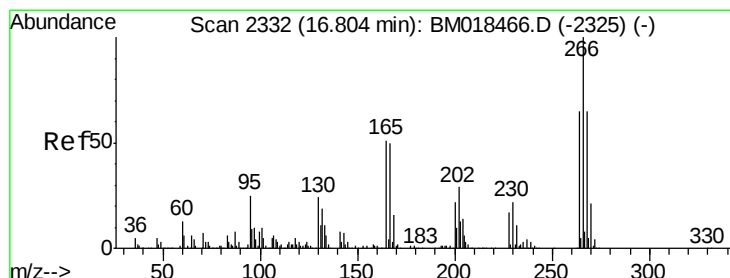
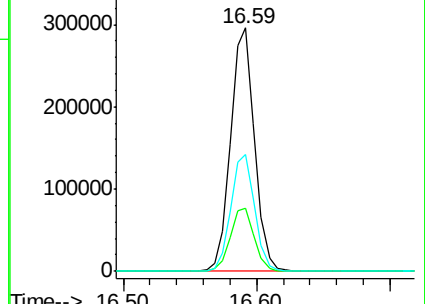
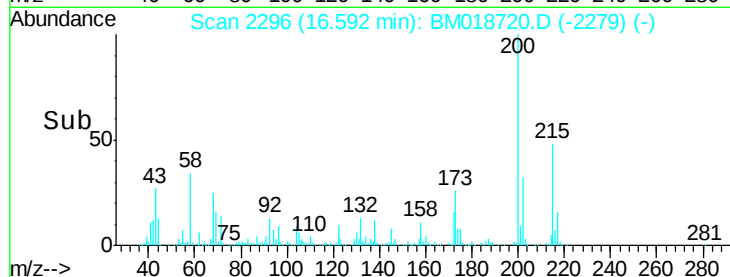
215 47.9 28.3 68.3



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: 74.579 ng

RT: 16.77 min Scan# 2326

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

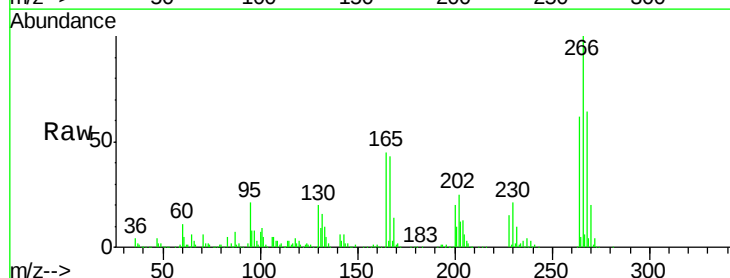
Tgt Ion:266 Resp: 509599

Ion Ratio Lower Upper

266 100

268 63.9 49.8 74.6

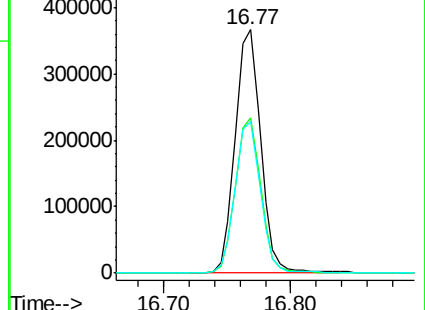
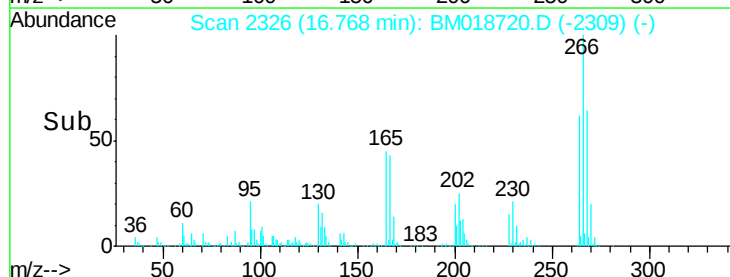
264 62.1 50.1 75.1

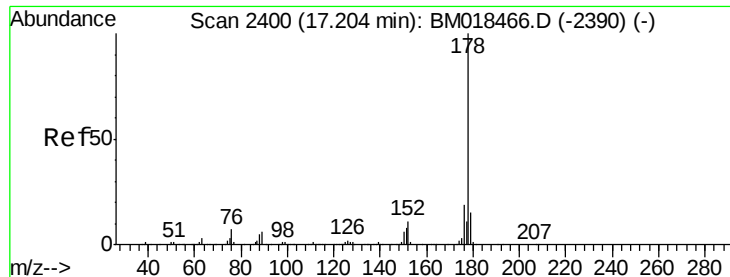


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

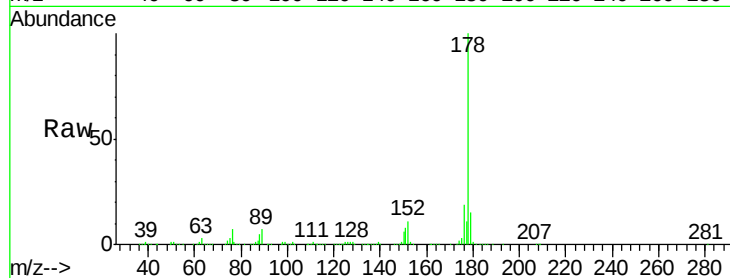




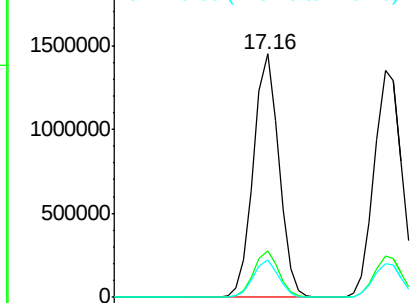
#71
Phenanthrene
Concen: 42.950 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

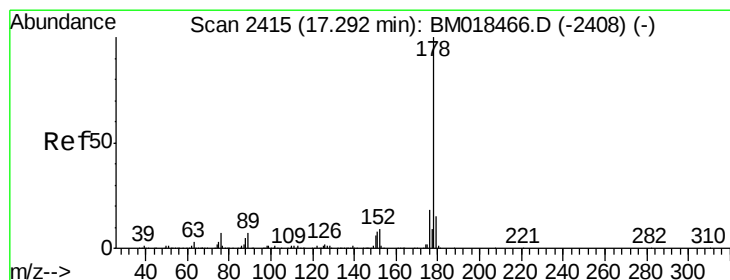
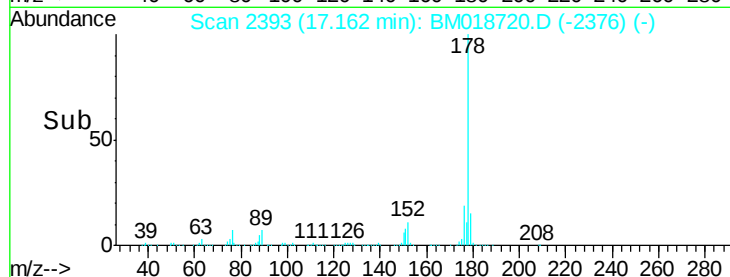
Tgt Ion:178 Resp: 1902596
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.4 12.2 18.4



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

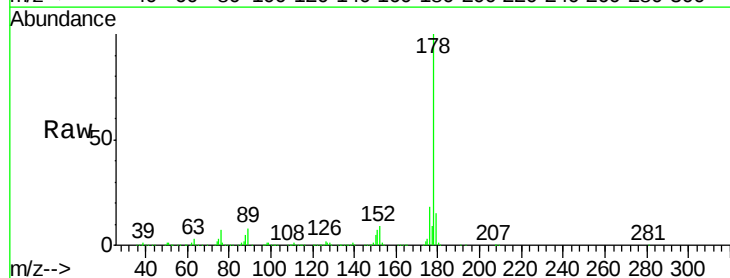


Time-->

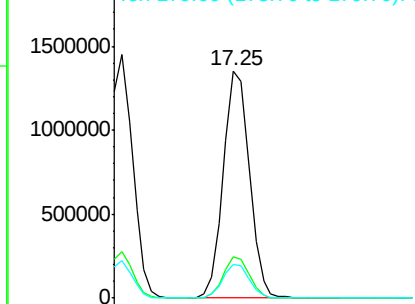


#72
Anthracene
Concen: 45.251 ng
RT: 17.25 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

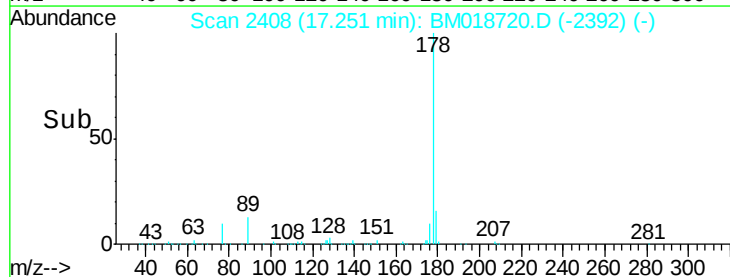
Tgt Ion:178 Resp: 1927553
Ion Ratio Lower Upper
178 100
176 18.0 14.7 22.1
179 15.1 12.2 18.4

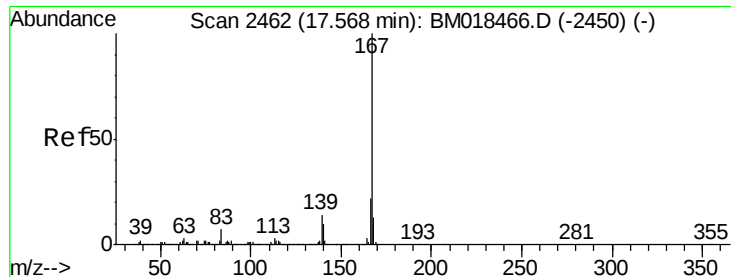


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



Time-->

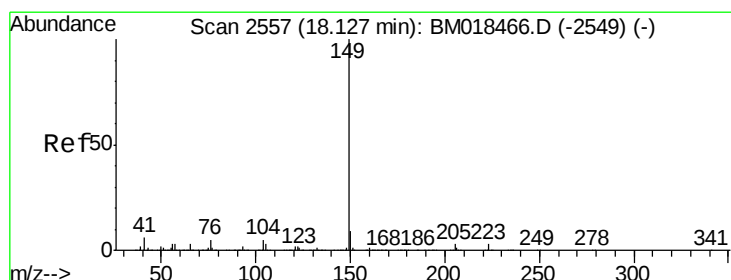
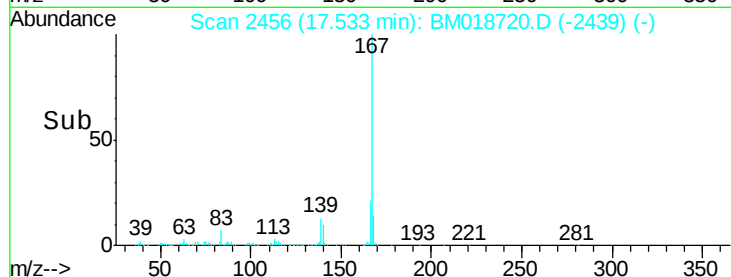
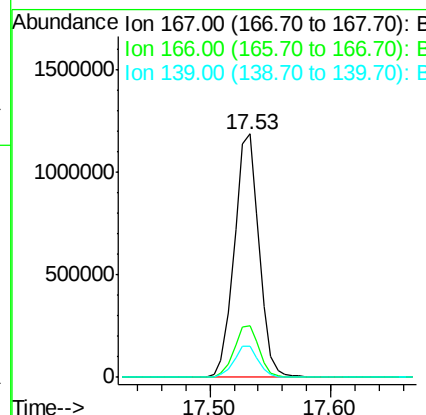
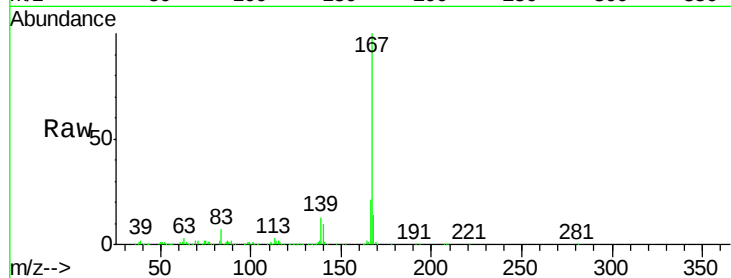




#73
 Carbazole
 Concen: 38.521 ng
 RT: 17.53 min Scan# 2456
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

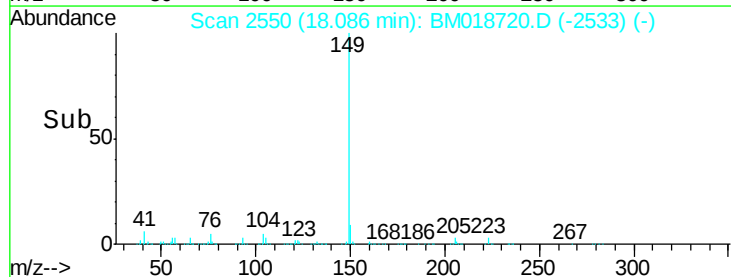
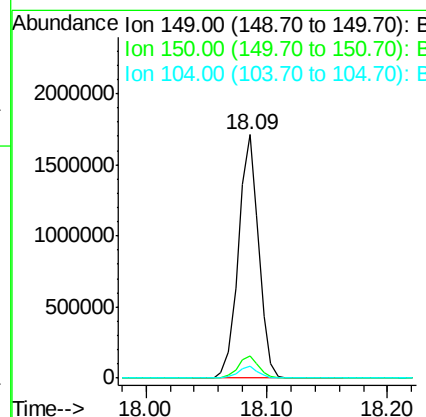
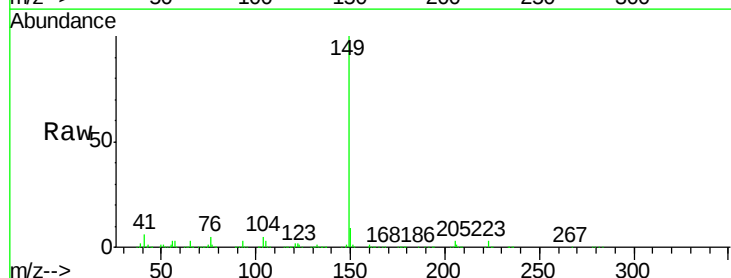
Instrument :
 BNA_M
 ClientSampleId :
 PB116792BS

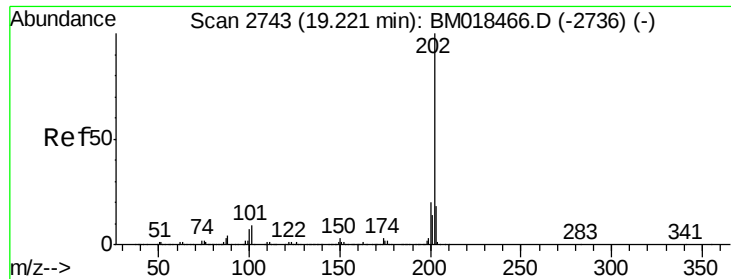
Tgt Ion:167 Resp: 1685836
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.2
 139 12.8 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 41.534 ng
 RT: 18.09 min Scan# 2550
 Delta R.T. 0.00 min
 Lab File: BM018720.D
 Acq: 04 Feb 2019 15:59

Tgt Ion:149 Resp: 1991027
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.7 4.2 6.4





#75

Fluoranthene

Concen: 40.677 ng

RT: 19.18 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

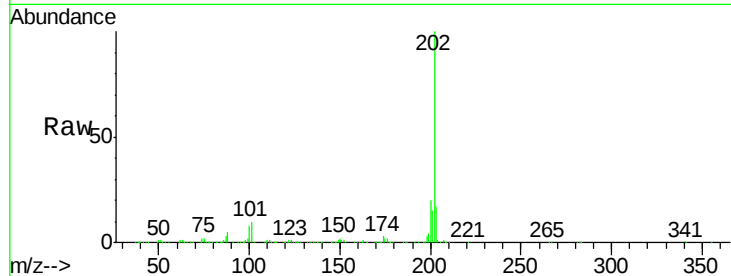
Tgt Ion:202 Resp: 2077436

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.9

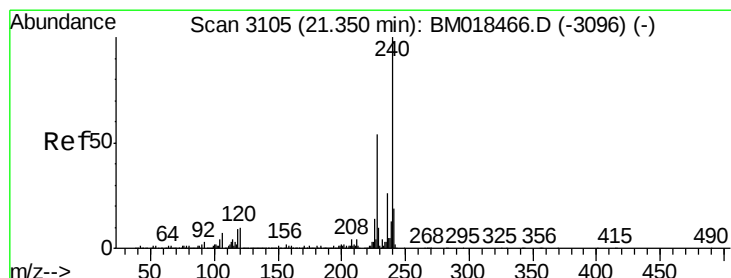
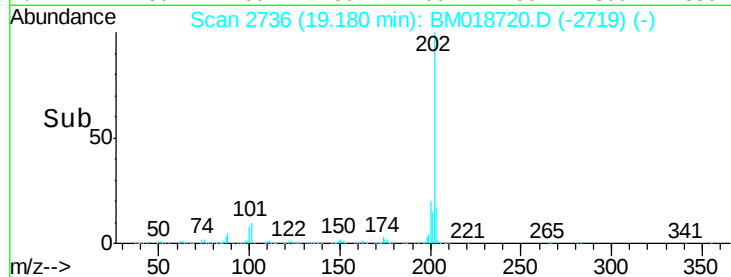
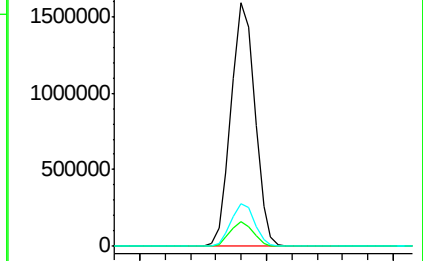
203 17.4 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.31 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

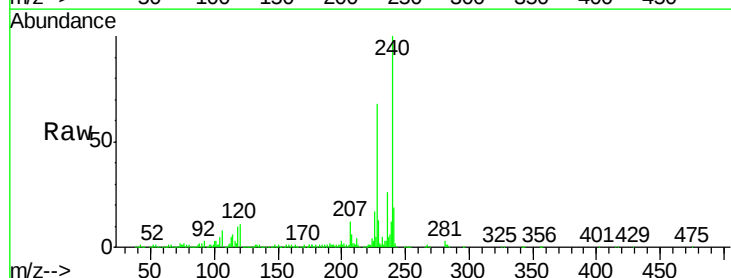
Tgt Ion:240 Resp: 787070

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

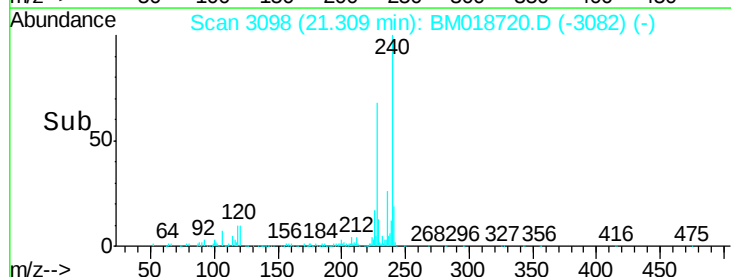
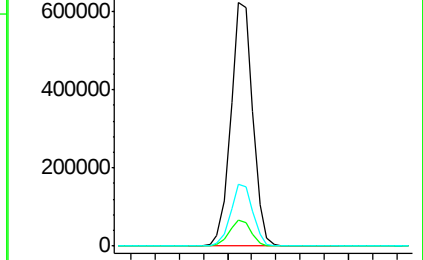
236 25.6 20.7 31.1

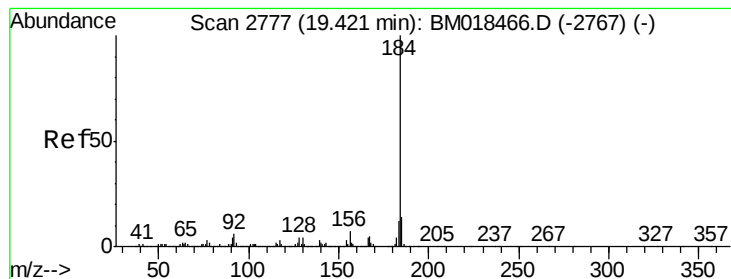


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 45.033 ng

RT: 19.38 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

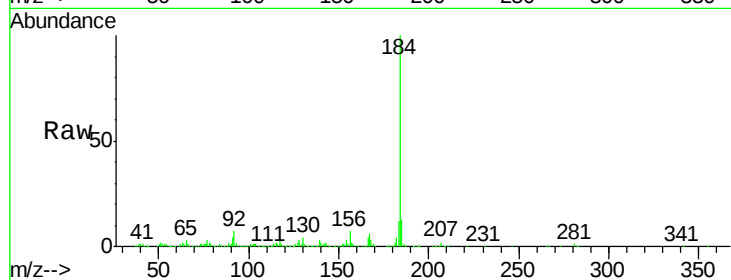
Tgt Ion:184 Resp: 875167

Ion Ratio Lower Upper

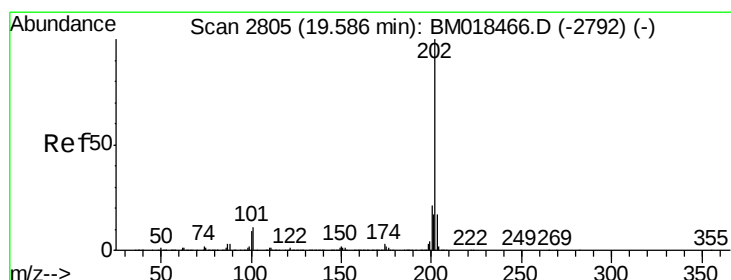
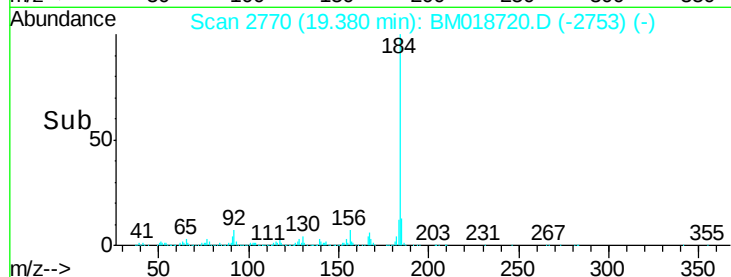
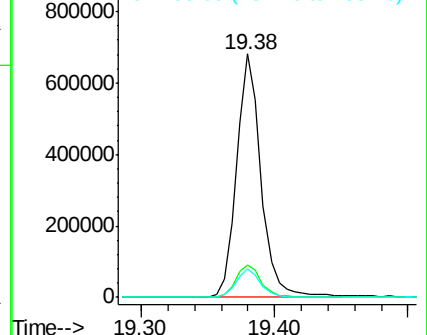
184 100

185 13.3 11.4 17.0

183 12.0 9.5 14.3



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 45.433 ng

RT: 19.54 min Scan# 2798

Delta R.T. -0.01 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

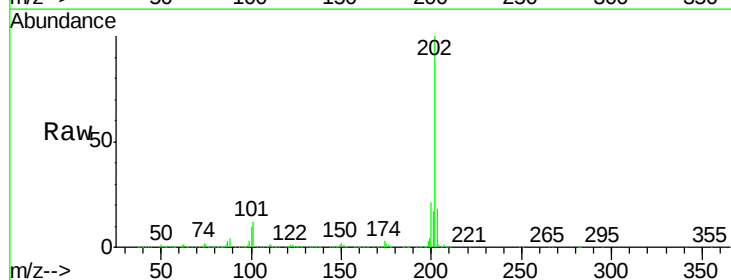
Tgt Ion:202 Resp: 2119624

Ion Ratio Lower Upper

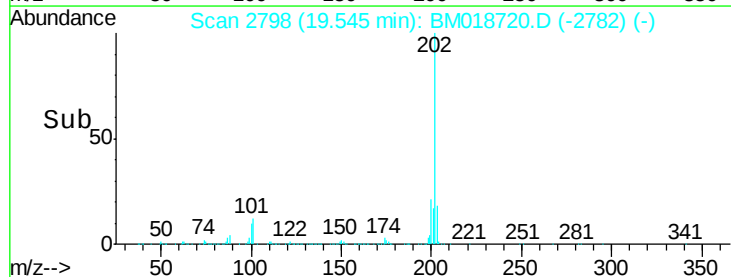
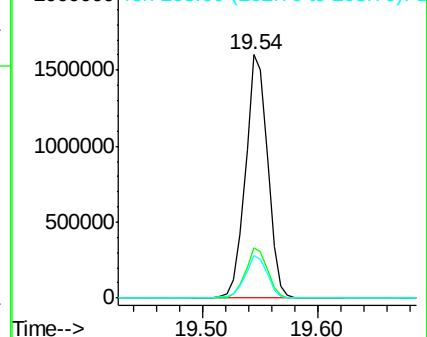
202 100

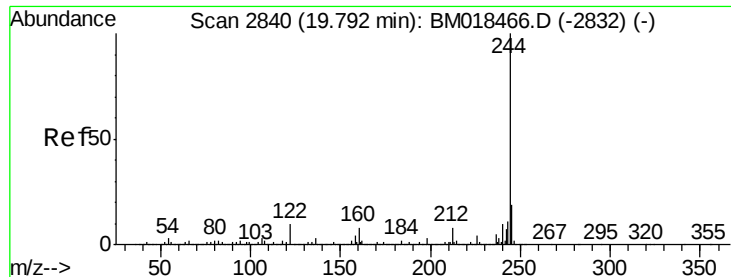
200 20.6 16.6 24.8

203 17.6 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: 88.676 ng

RT: 19.75 min Scan# 2833

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

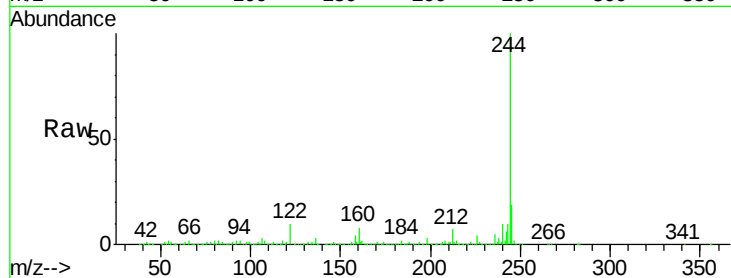
Tgt Ion:244 Resp: 3310862

Ion Ratio Lower Upper

244 100

212 7.5 5.9 8.9

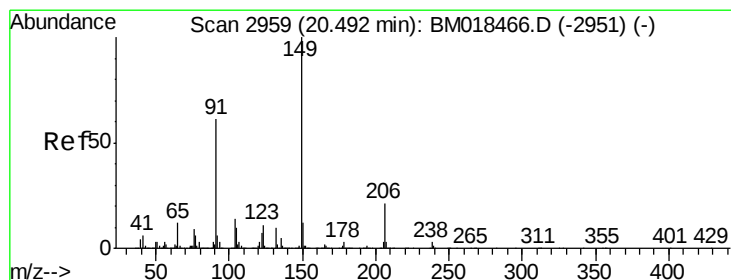
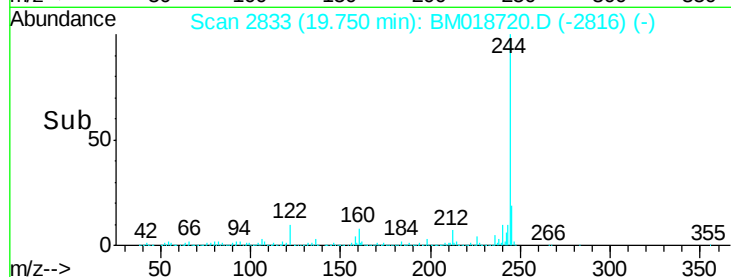
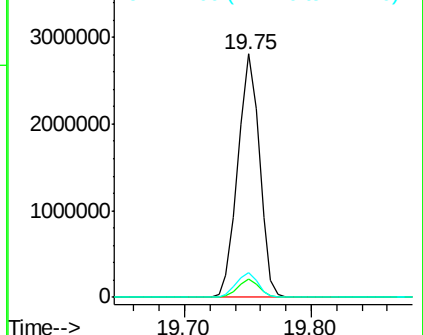
122 10.2 9.0 13.4



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: 43.777 ng

RT: 20.45 min Scan# 2952

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

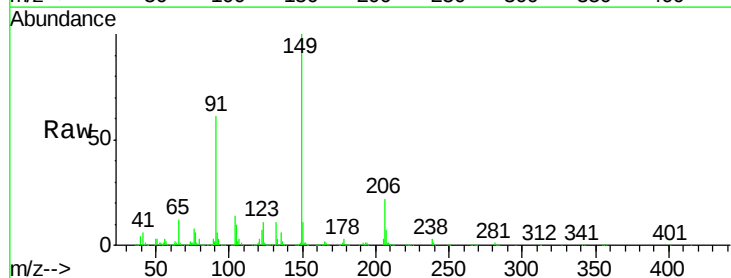
Tgt Ion:149 Resp: 871484

Ion Ratio Lower Upper

149 100

91 61.2 53.1 79.7

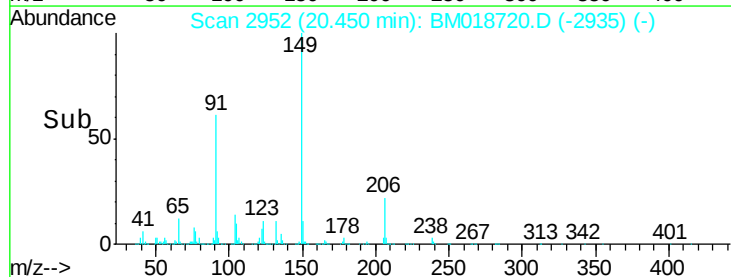
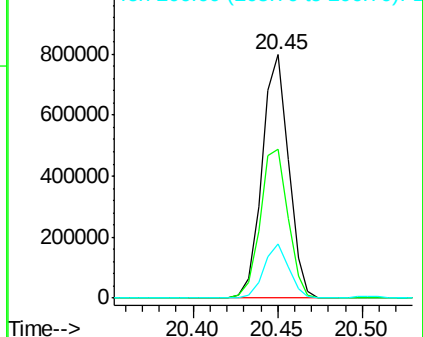
206 22.1 16.2 24.4

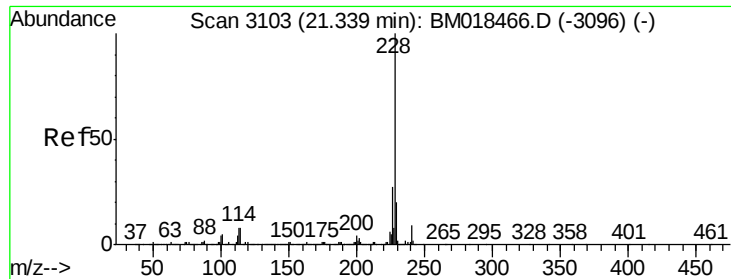


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

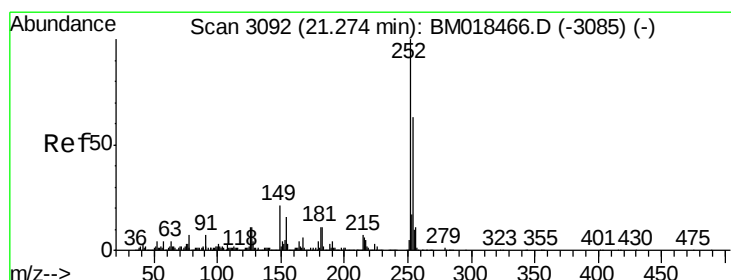
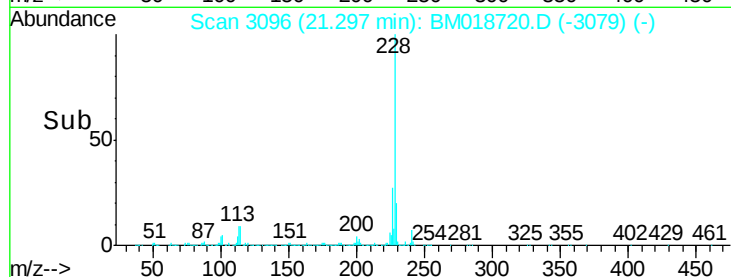
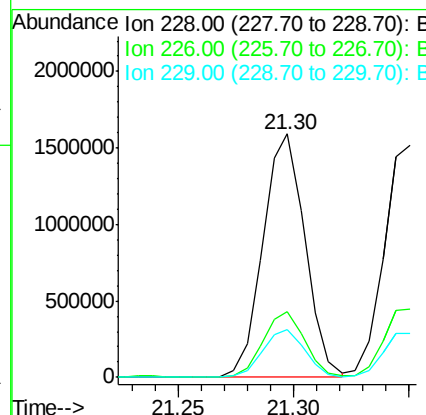
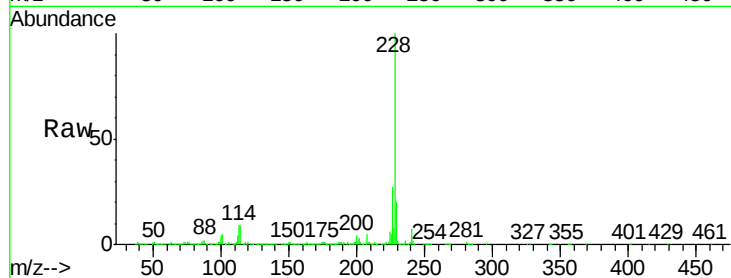




#81
Benzo(a)anthracene
Concen: 43.356 ng
RT: 21.30 min Scan# 3096
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

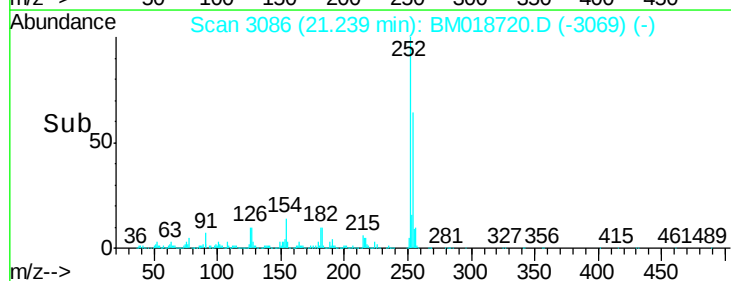
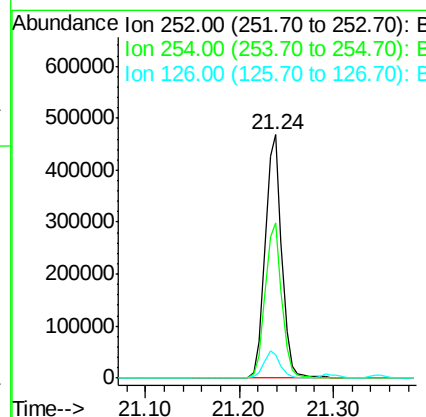
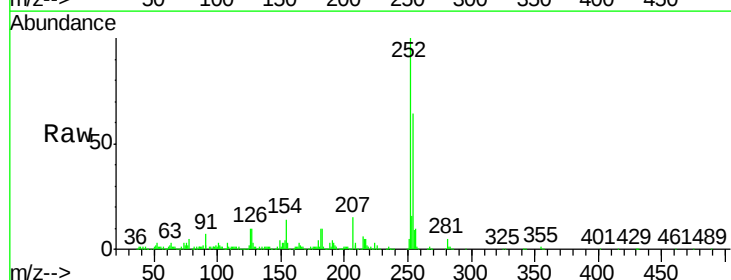
Instrument :
BNA_M
ClientSampleId :
PB116792BS

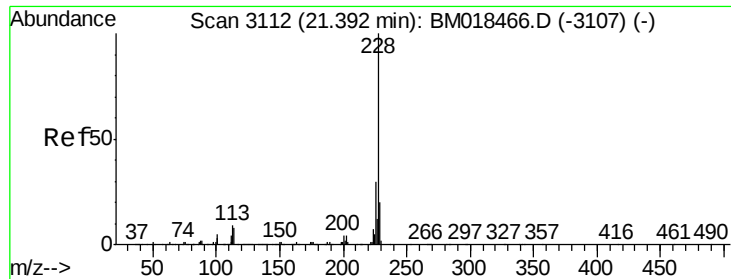
Tgt Ion:228 Resp: 2010319
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.6
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 32.414 ng
RT: 21.24 min Scan# 3086
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion:252 Resp: 568338
Ion Ratio Lower Upper
252 100
254 63.8 51.4 77.0
126 9.7 8.7 13.1





#83

Chrysene

Concen: 42.445 ng

RT: 21.35 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

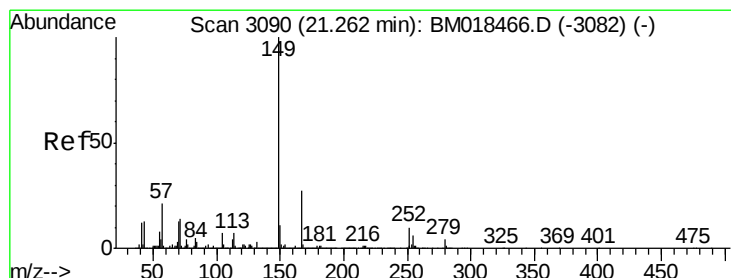
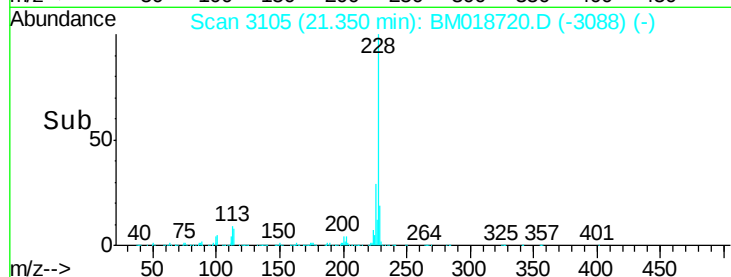
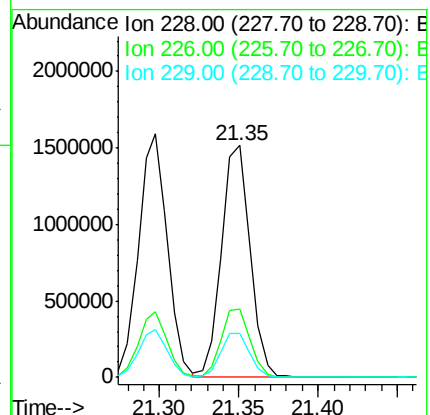
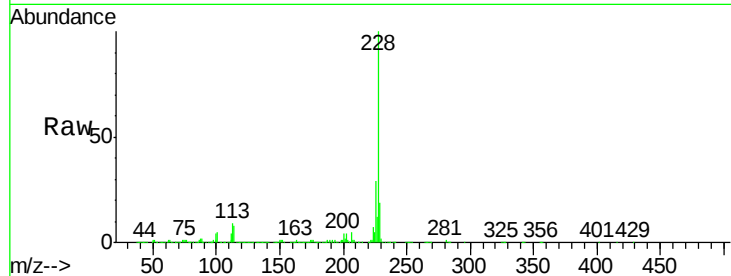
Tgt Ion:228 Resp: 1900457

Ion Ratio Lower Upper

228 100

226 29.4 24.2 36.2

229 19.2 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.382 ng

RT: 21.22 min Scan# 3083

Delta R.T. 0.01 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

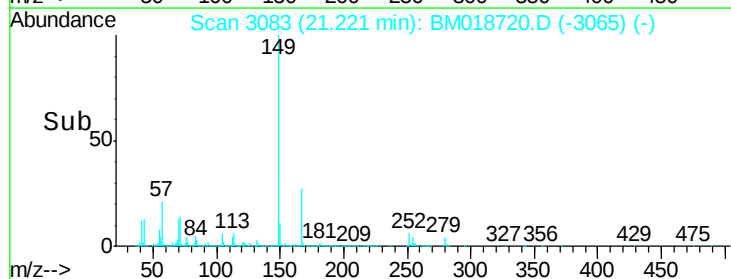
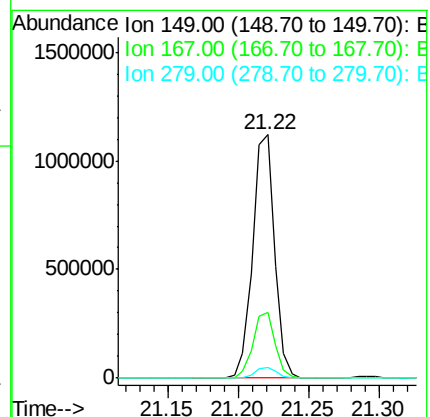
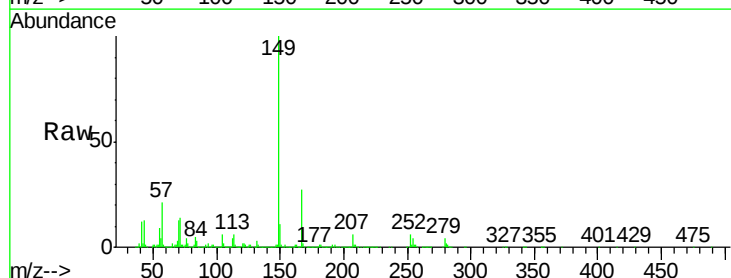
Tgt Ion:149 Resp: 1218346

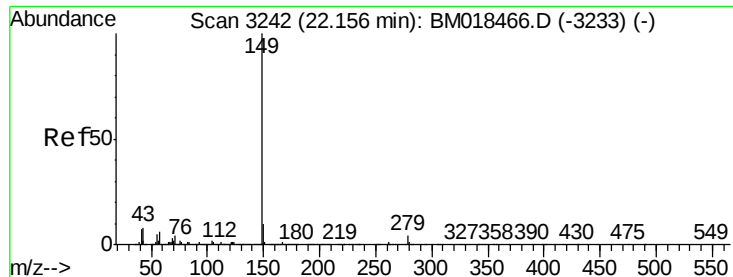
Ion Ratio Lower Upper

149 100

167 27.2 21.6 32.4

279 4.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.754 ng

RT: 22.10 min Scan# 3233

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

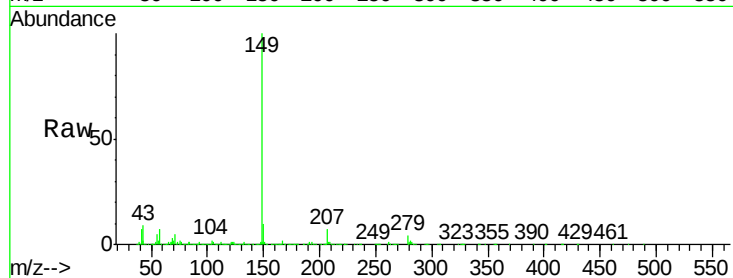
Tgt Ion:149 Resp: 2067131

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

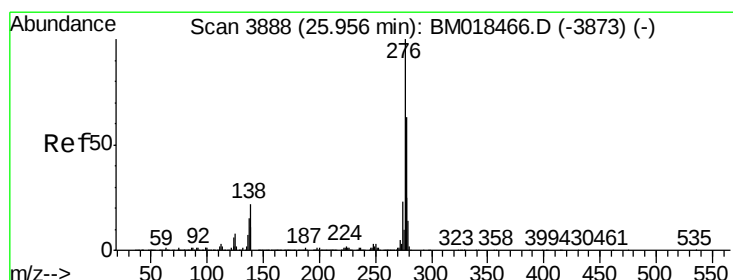
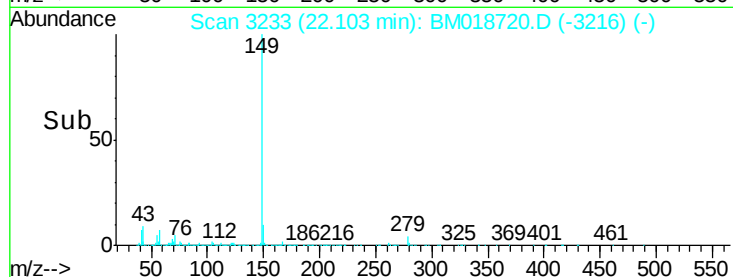
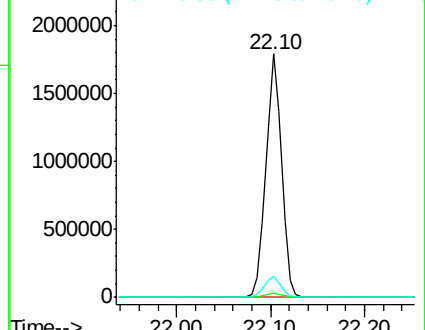
43 8.7 8.6 12.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 48.085 ng

RT: 25.87 min Scan# 3873

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

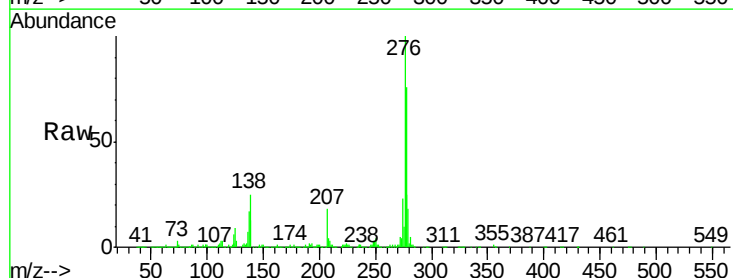
Tgt Ion:276 Resp: 2482661

Ion Ratio Lower Upper

276 100

138 24.6 21.5 32.3

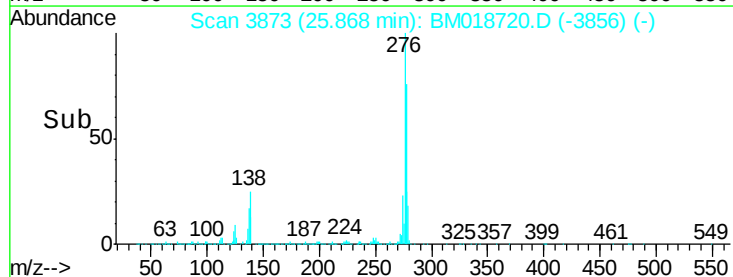
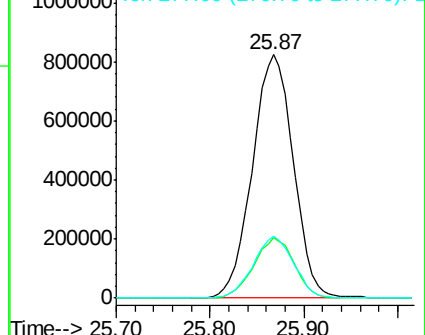
277 25.2 20.2 30.2

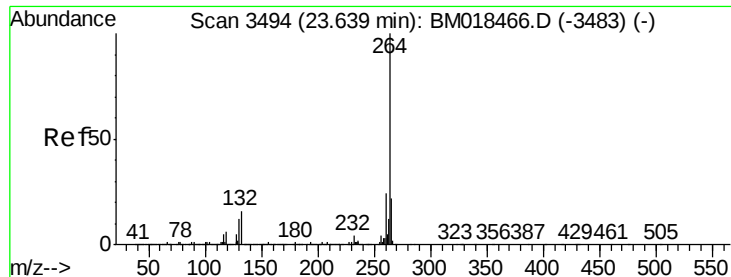


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



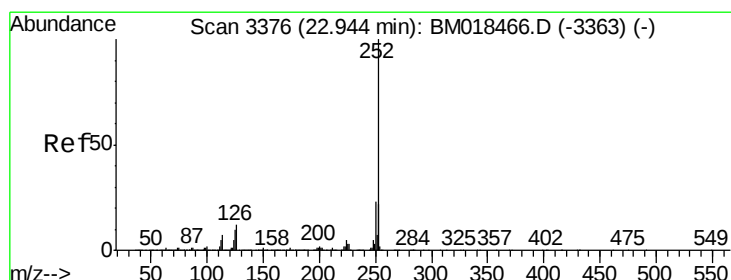
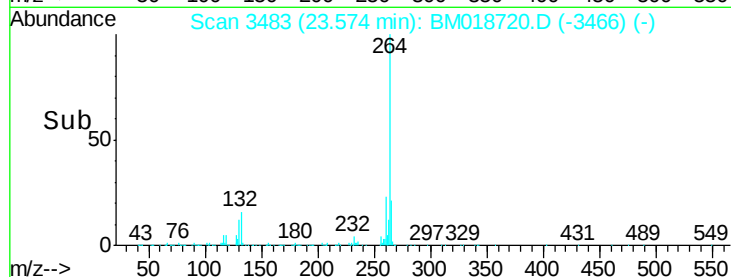
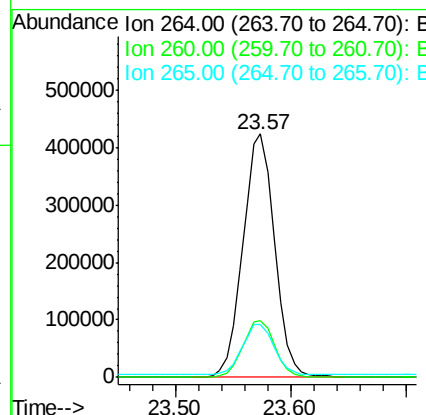
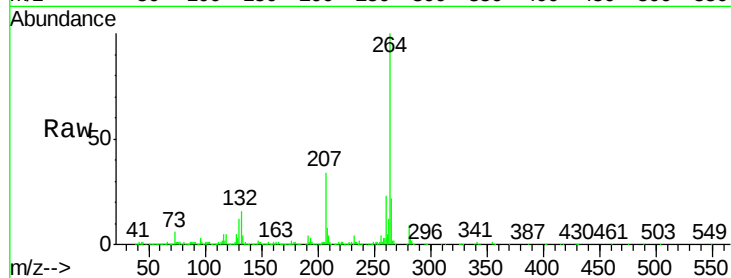


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3483
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Instrument :
BNA_M
ClientSampleId :
PB116792BS

Tgt Ion: 264 Resp: 807859

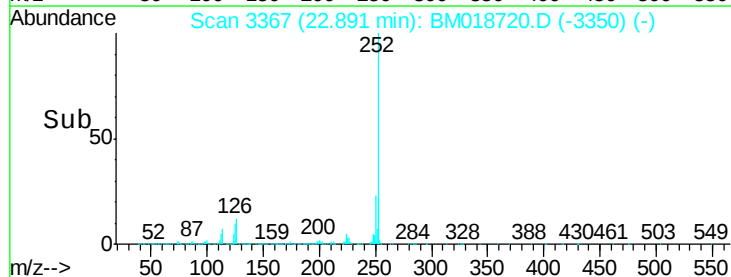
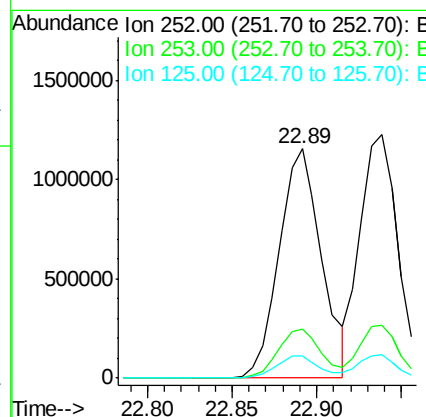
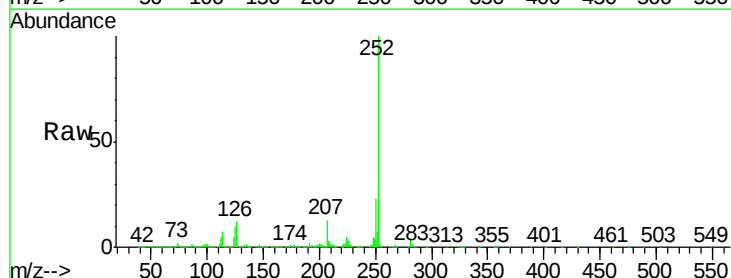
Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	21.6	16.8	25.2

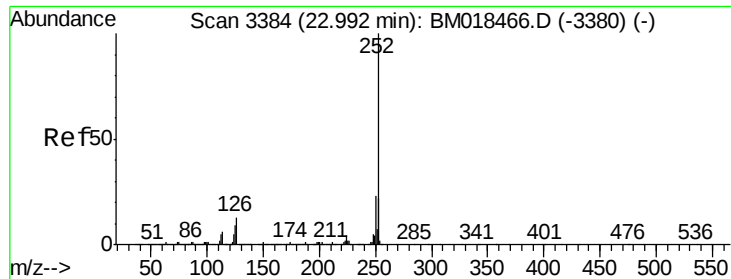


#88
Benzo(b)fluoranthene
Concen: 43.761 ng
RT: 22.89 min Scan# 3367
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion: 252 Resp: 2007070

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.6	26.4
125	9.9	8.5	12.7

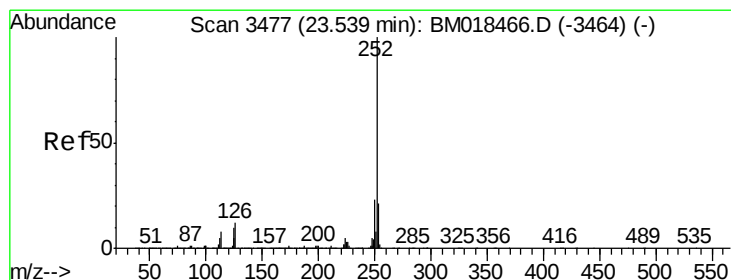
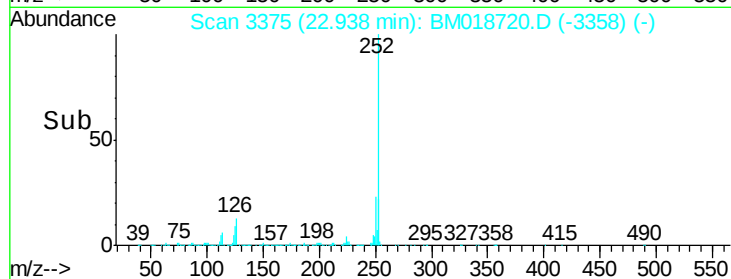
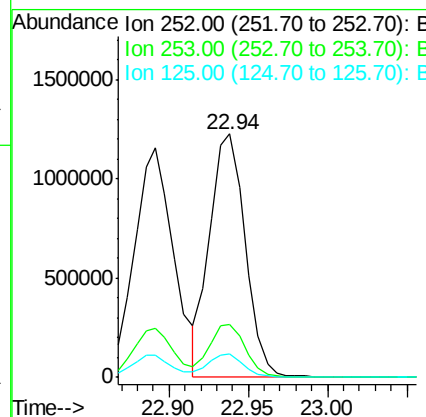
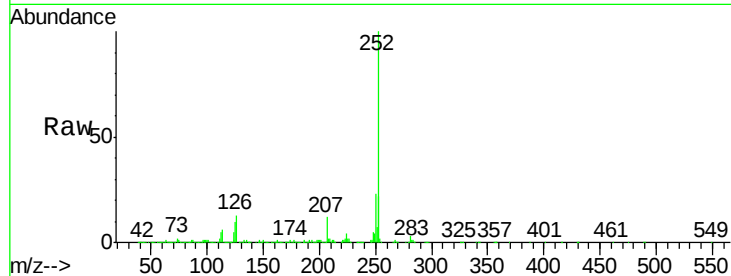




#89
Benzo(k)fluoranthene
Concen: 41.301 ng
RT: 22.94 min Scan# 3375
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

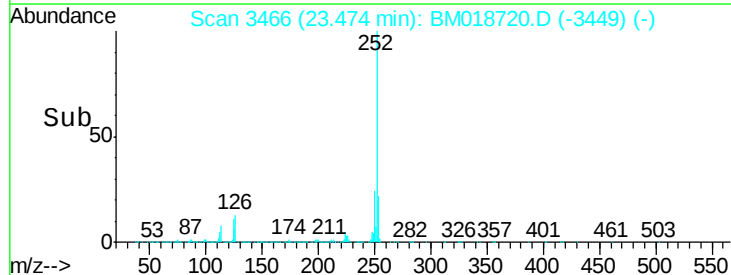
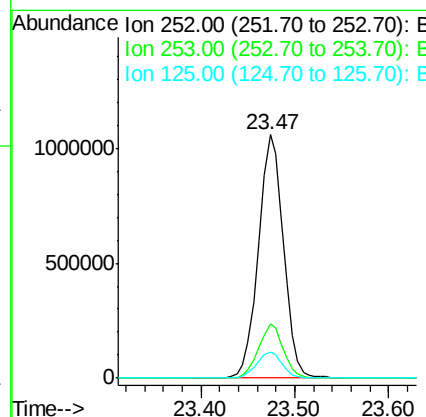
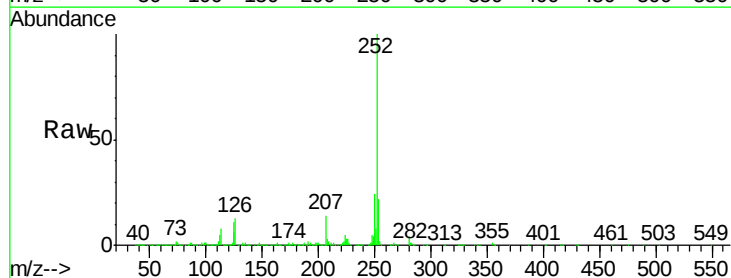
Instrument :
BNA_M
ClientSampleId :
PB116792BS

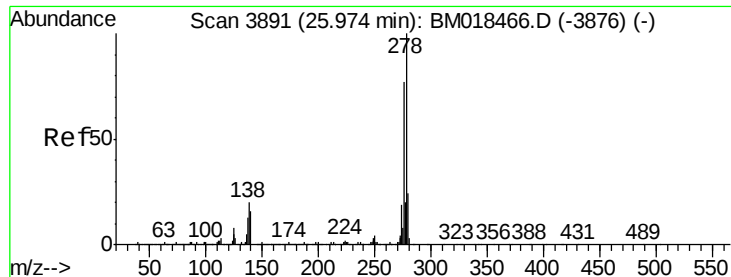
Tgt Ion:252 Resp: 1908952
Ion Ratio Lower Upper
252 100
253 21.7 17.4 26.0
125 9.6 8.6 12.8



#90
Benzo(a)pyrene
Concen: 44.308 ng
RT: 23.47 min Scan# 3466
Delta R.T. 0.00 min
Lab File: BM018720.D
Acq: 04 Feb 2019 15:59

Tgt Ion:252 Resp: 1945504
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.8 9.7 14.5





#91

Dibenzo(a,h)anthracene

Concen: 46.756 ng

RT: 25.88 min Scan# 3875

Delta R.T. 0.00 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

Instrument :

BNA_M

ClientSampleId :

PB116792BS

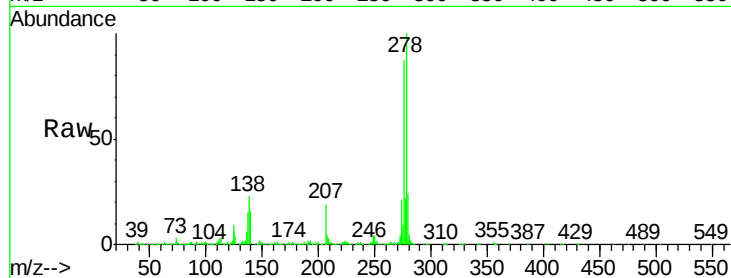
Tgt Ion:278 Resp: 2080162

Ion Ratio Lower Upper

278 100

139 16.3 13.2 19.8

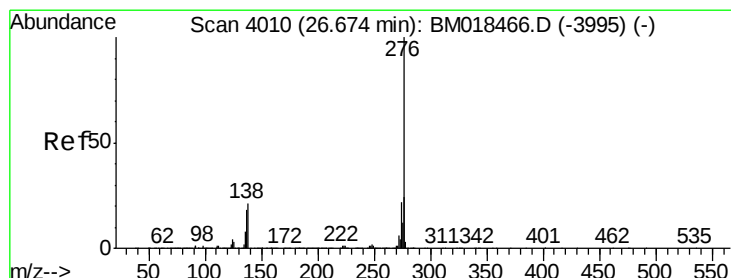
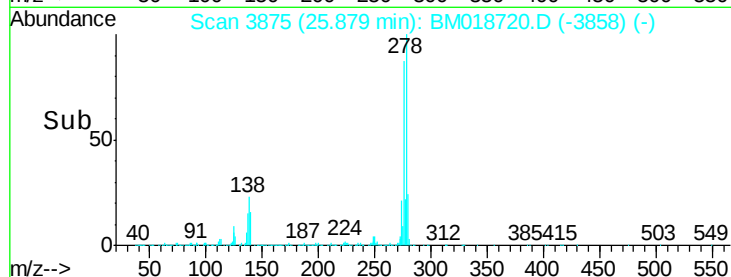
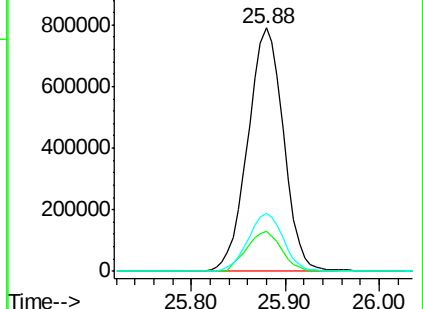
279 24.0 19.0 28.4



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: 48.720 ng

RT: 26.57 min Scan# 3993

Delta R.T. -0.01 min

Lab File: BM018720.D

Acq: 04 Feb 2019 15:59

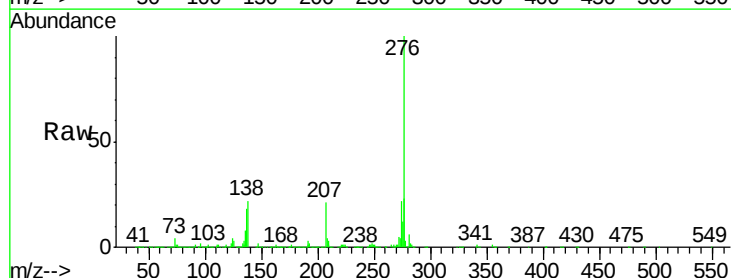
Tgt Ion:276 Resp: 2109314

Ion Ratio Lower Upper

276 100

277 22.8 19.0 28.4

138 21.8 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

