

Data File : BM018611.D
Acq On : 17 Jan 2019 13:24
Operator : JU/SJ
Sample : PB116441BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Quant Time: Jan 18 04:40:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	292065	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1075666	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	539689	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1033288	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	915275	20.00	ng	-0.02
87) Perylene-d12	23.61	264	994399	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	2141861	135.41	ng	-0.02
7) Phenol-d6	6.92	99	2551791	127.02	ng	-0.01
23) Nitrobenzene-d5	8.91	82	1456065	78.47	ng	-0.01
42) 2,4,6-Tribromophenol	15.89	330	900517	131.05	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	3513964	84.96	ng	-0.02
79) Terphenyl-d14	19.77	244	4167478	95.98	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.28	88	217542	33.745	ng	96
3) Pyridine	3.67	79	572859	35.642	ng	95
4) n-Nitrosodimethylamine	3.59	42	277570	41.763	ng	# 95
6) Aniline	7.08	93	670757	29.931	ng	98
8) 2-Chlorophenol	7.31	128	740099	40.063	ng	94
9) Benzaldehyde	6.89	77	189329	13.700	ng	94
10) Phenol	6.95	94	761918	37.322	ng	99
11) bis(2-Chloroethyl)ether	7.17	93	615908	38.396	ng	95
12) 1,3-Dichlorobenzene	7.63	146	832647	37.847	ng	98
13) 1,4-Dichlorobenzene	7.77	146	846083	37.944	ng	100
14) 1,2-Dichlorobenzene	8.09	146	808256	38.227	ng	100
15) Benzyl Alcohol	7.99	79	564872	38.930	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	764879	37.312	ng	96
17) 2-Methylphenol	8.19	107	537337	38.776	ng	99
18) Hexachloroethane	8.80	117	311388	39.166	ng	96
19) n-Nitroso-di-n-propylamine	8.55	70	470279	35.971	ng	93
20) 3+4-Methylphenols	8.52	107	706857	36.951	ng	98
22) Acetophenone	8.57	105	972355	36.542	ng	# 96
24) Nitrobenzene	8.95	77	700216	38.353	ng	95
25) Isophorone	9.47	82	1244914	44.306	ng	97
26) 2-Nitrophenol	9.65	139	392004	44.405	ng	97
27) 2,4-Dimethylphenol	9.71	122	593041	44.818	ng	100
28) bis(2-Chloroethoxy)methane	9.95	93	792710	40.839	ng	99
29) 2,4-Dichlorophenol	10.18	162	645959	40.997	ng	97
30) 1,2,4-Trichlorobenzene	10.39	180	761771	38.951	ng	100
31) Naphthalene	10.58	128	2143529	41.377	ng	99
32) Benzoic acid	9.84	122	232947	29.107	ng	98
33) 4-Chloroaniline	10.70	127	260508	12.769	ng	98
34) Hexachlorobutadiene	10.85	225	488080	39.504	ng	99
35) Caprolactam	11.52	113	155698	29.065	ng	87
36) 4-Chloro-3-methylphenol	11.83	107	588676	35.612	ng	99
37) 2-Methylnaphthalene	12.20	142	1523329	41.619	ng	99
38) 1-Methylnaphthalene	12.42	142	1424079	40.211	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.56	216	806457	42.731	ng	98

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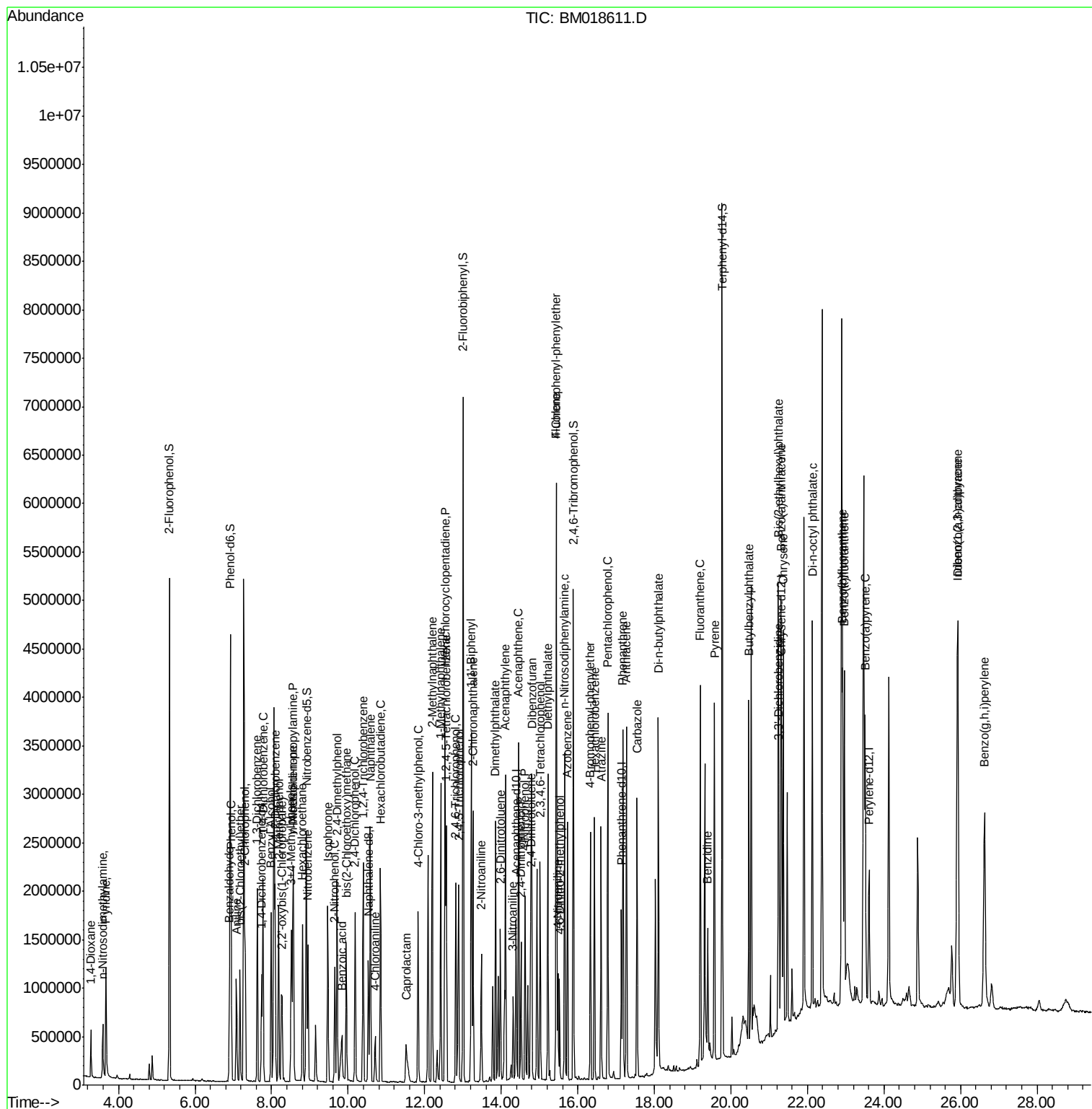
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.53	237	1076468	103.928	ng	99
43) 2,4,6-Trichlorophenol	12.82	196	491869	42.918	ng	98
44) 2,4,5-Trichlorophenol	12.89	196	500688	41.540	ng	96
46) 1,1'-Biphenyl	13.22	154	1866113	39.601	ng	99
47) 2-Chloronaphthalene	13.26	162	1436335	39.307	ng	100
48) 2-Nitroaniline	13.48	65	330064	36.714	ng	89
49) Acenaphthylene	14.11	152	2209381	41.488	ng	100
50) Dimethylphthalate	13.85	163	1680307	37.910	ng	100
51) 2,6-Dinitrotoluene	13.98	165	357426	38.070	ng	89
52) Acenaphthene	14.46	154	1275073	39.133	ng	98
53) 3-Nitroaniline	14.31	138	219673	23.208	ng	97
54) 2,4-Dinitrophenol	14.52	184	310618	62.815	ng	92
55) Dibenzofuran	14.79	168	2006526	37.270	ng	99
56) 4-Nitrophenol	14.63	139	524176	64.103	ng	95
57) 2,4-Dinitrotoluene	14.76	165	474524	35.722	ng	98
58) Fluorene	15.44	166	1571221	39.178	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.02	232	428685	40.125	ng	96
60) Diethylphthalate	15.22	149	1687620	37.716	ng	100
61) 4-Chlorophenyl-phenylether	15.43	204	834176	36.089	ng	99
62) 4-Nitroaniline	15.48	138	312235	30.243	ng	98
63) Azobenzene	15.73	77	1312375	35.974	ng	97
65) 4,6-Dinitro-2-methylphenol	15.53	198	231331	36.571	ng	84
66) n-Nitrosodiphenylamine	15.66	169	1329859	41.491	ng	99
67) 4-Bromophenyl-phenylether	16.33	248	491100	42.471	ng	95
68) Hexachlorobenzene	16.43	284	523426	40.435	ng	98
69) Atrazine	16.61	200	461127	39.796	ng	99
70) Pentachlorophenol	16.79	266	617093	72.789	ng	98
71) Phenanthrene	17.18	178	2216227	40.324	ng	100
72) Anthracene	17.27	178	2253415	42.638	ng	99
73) Carbazole	17.55	167	1842048	33.925	ng	99
74) Di-n-butylphthalate	18.10	149	2623028	44.102	ng	100
75) Fluoranthene	19.20	202	2312602	36.496	ng	97
77) Benzidine	19.40	184	743997	32.921	ng	99
78) Pyrene	19.57	202	2280990	42.044	ng	99
80) Butylbenzylphthalate	20.47	149	1032748	44.611	ng	97
81) Benzo(a)anthracene	21.32	228	2129355	39.491	ng	100
82) 3,3'-Dichlorobenzidine	21.26	252	548673	26.909	ng	99
83) Chrysene	21.37	228	2004927	38.506	ng	99
84) Bis(2-ethylhexyl)phthalate	21.24	149	1527531	45.695	ng	99
85) Di-n-octyl phthalate	22.13	149	2499975	44.464	ng	# 94
86) Indeno(1,2,3-cd)pyrene	25.91	276	2991641	49.827	ng	96
88) Benzo(b)fluoranthene	22.92	252	2244733	39.762	ng	98
89) Benzo(k)fluoranthene	22.97	252	2144803	37.699	ng	98
90) Benzo(a)pyrene	23.51	252	2259843	41.813	ng	# 97
91) Dibenzo(a,h)anthracene	25.93	278	2534914	46.289	ng	98
92) Benzo(g,h,i)perylene	26.63	276	2552501	47.897	ng	96

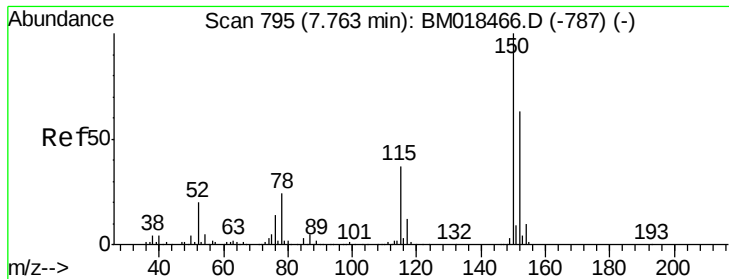
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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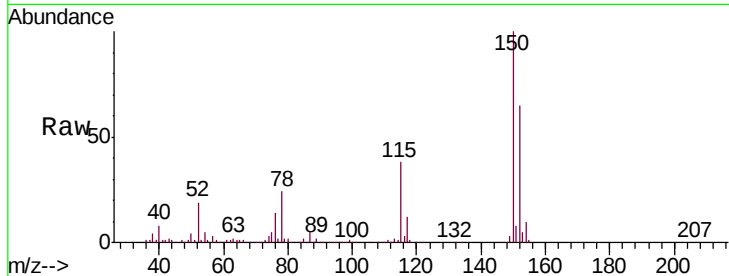


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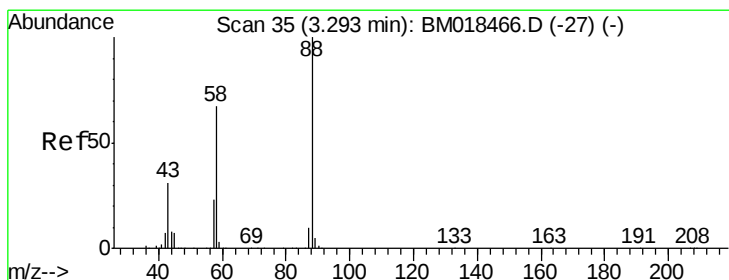
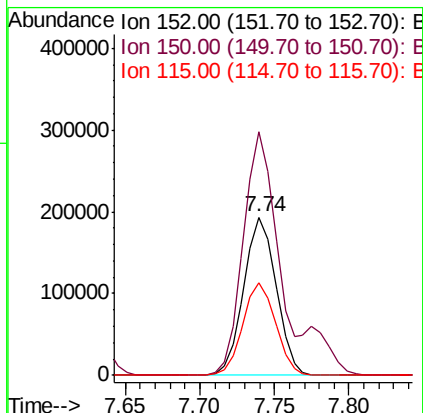
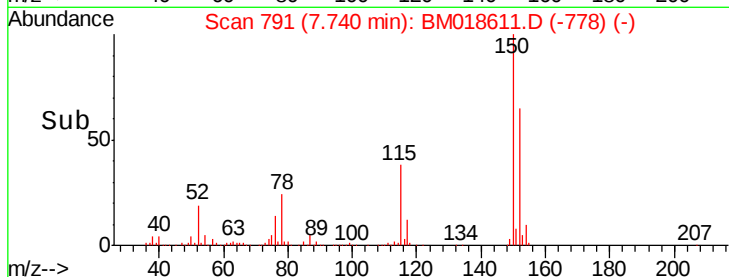
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018611.D
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.9	190.3
115	58.2	45.5	68.3



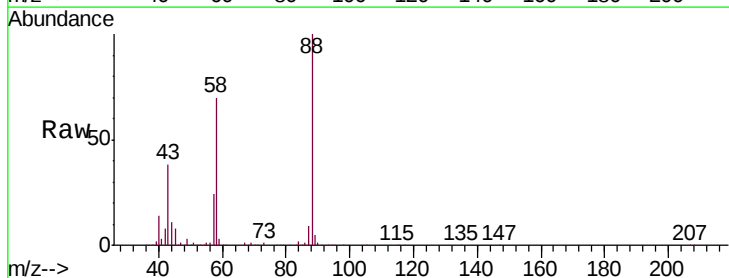
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



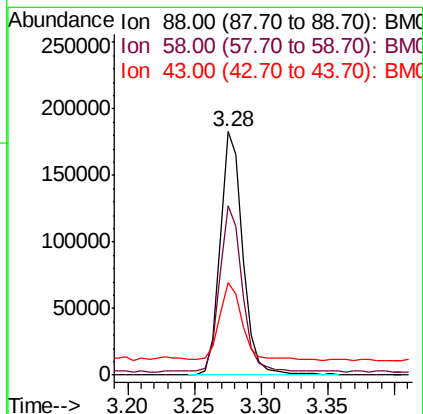
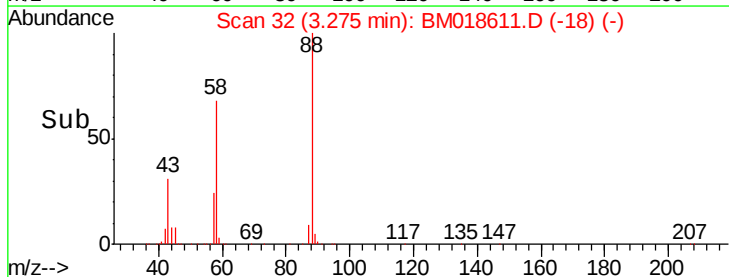
#2

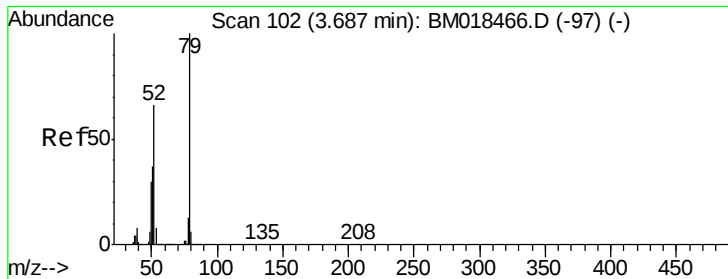
1,4-Dioxane
Concen: 33.745 ng
RT: 3.28 min Scan# 32
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
88	100		
58	68.8	58.4	87.6
43	32.4	26.2	39.4



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





#3

Pyridine

Concen: 35.642 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.04 min

Lab File: BM018611.D

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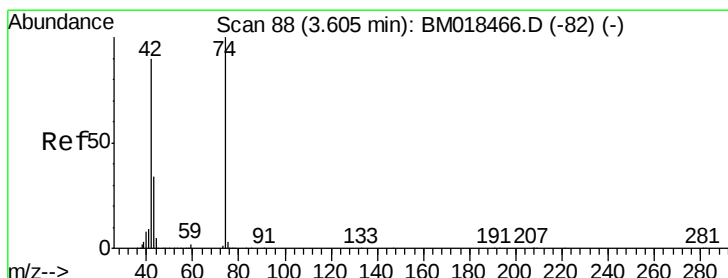
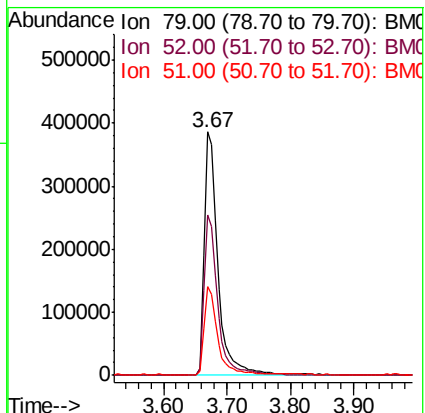
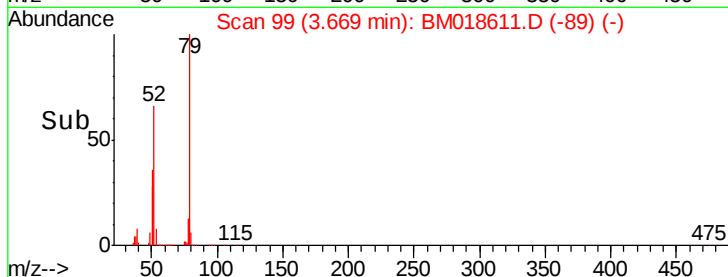
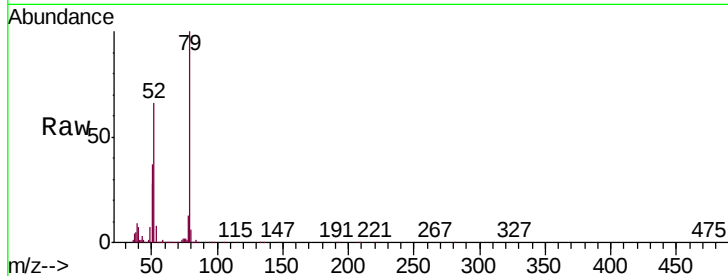
Tgt Ion: 79 Resp: 572859

Ion Ratio Lower Upper

79 100

52 66.0 56.4 84.6

51 36.7 31.0 46.4



#4

n-Nitrosodimethylamine

Concen: 41.763 ng

RT: 3.59 min Scan# 85

Delta R.T. -0.04 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

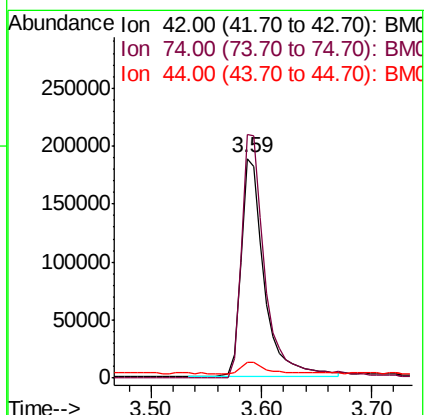
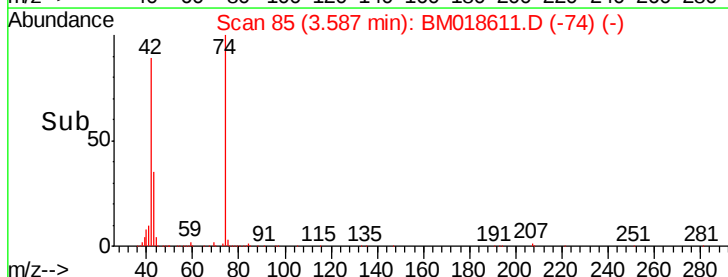
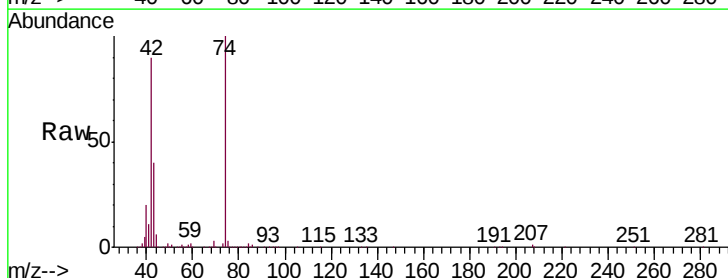
Tgt Ion: 42 Resp: 277570

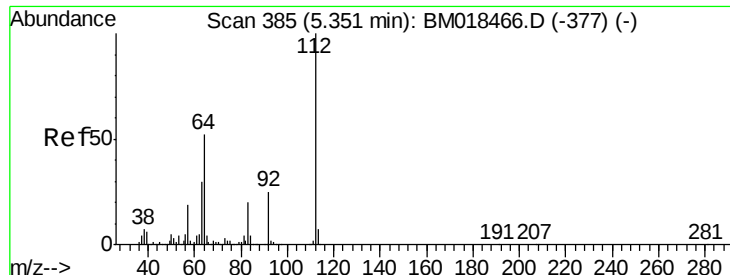
Ion Ratio Lower Upper

42 100

74 111.0 88.6 132.8

44 7.2 16.9 25.3#





#5

2-Fluorophenol

Concen: 135.413 ng

RT: 5.33 min Scan# 382

Delta R.T. -0.02 min

Lab File: BM018611.D

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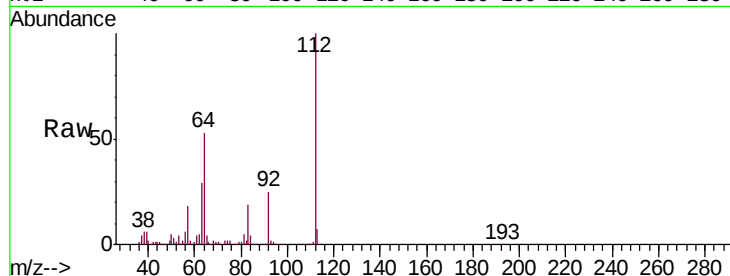
Tgt Ion: 112 Resp: 2141861

Ion Ratio Lower Upper

112 100

64 52.9 46.5 69.7

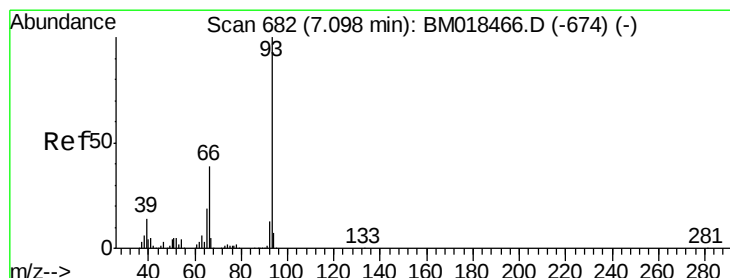
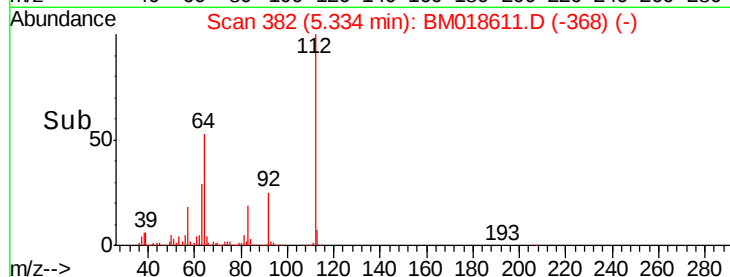
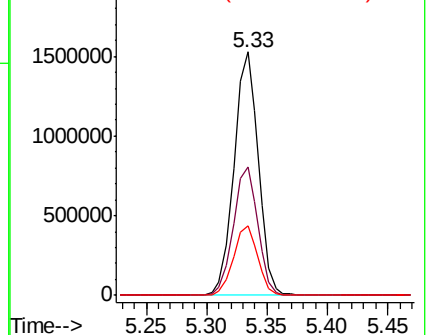
63 28.7 25.2 37.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): B

Ion 63.00 (62.70 to 63.70): B



#6

Aniline

Concen: 29.931 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.03 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

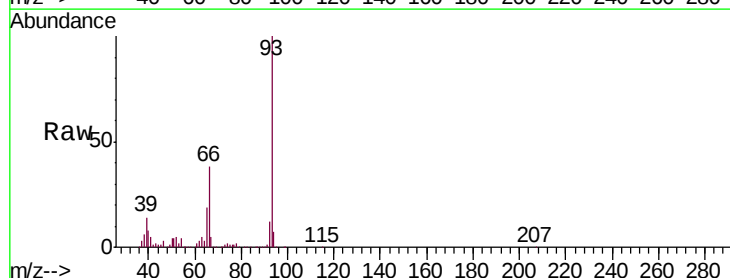
Tgt Ion: 93 Resp: 670757

Ion Ratio Lower Upper

93 100

66 38.1 31.7 47.5

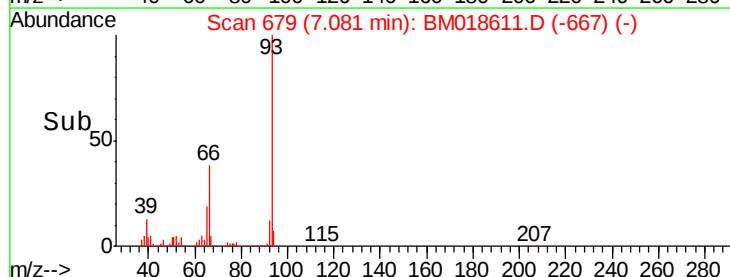
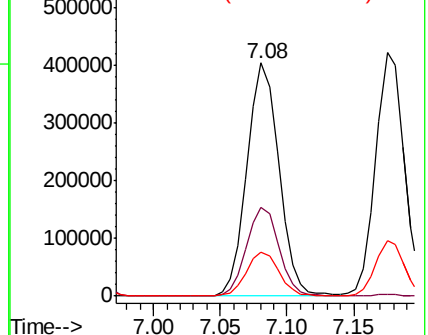
65 18.9 15.9 23.9

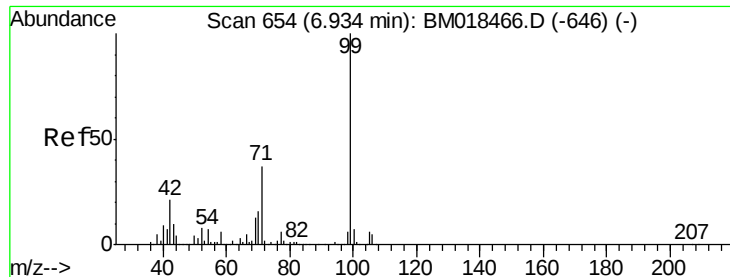


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 127.019 ng

RT: 6.92 min Scan# 652

Delta R.T. -0.01 min

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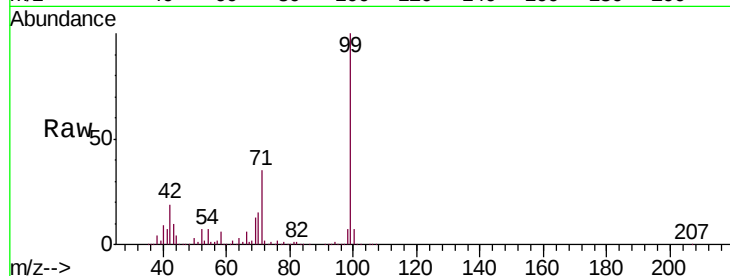
Tgt Ion: 99 Resp: 2551791

Ion Ratio Lower Upper

99 100

42 19.0 17.3 25.9

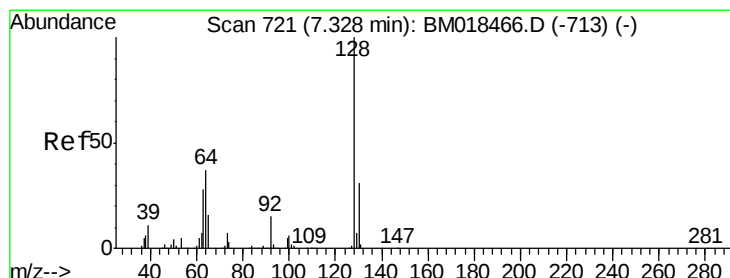
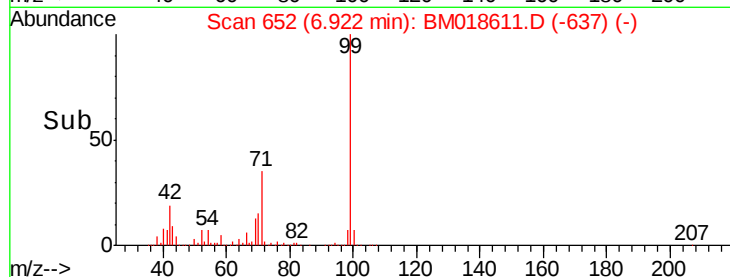
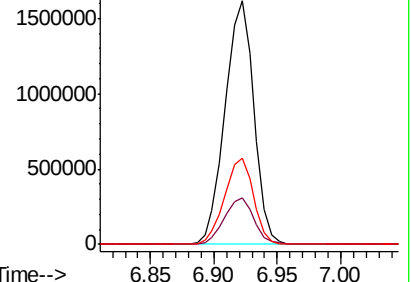
71 35.3 28.0 42.0



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

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

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



#8

2-Chlorophenol

Concen: 40.063 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

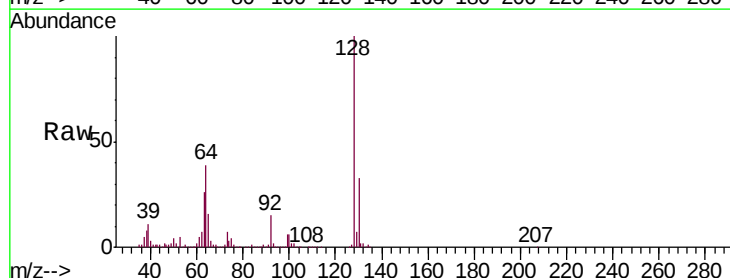
Tgt Ion: 128 Resp: 740099

Ion Ratio Lower Upper

128 100

130 32.8 13.6 53.6

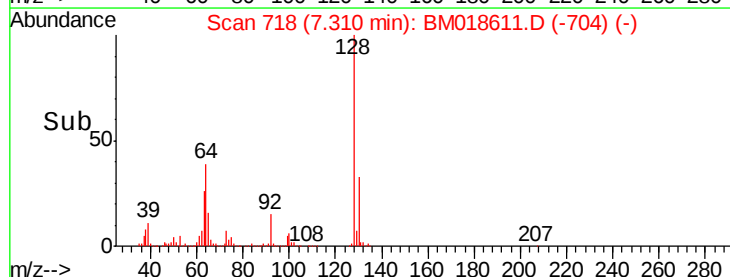
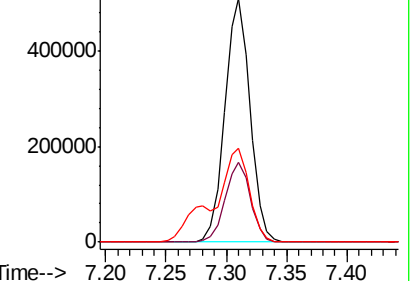
64 38.7 24.8 64.8

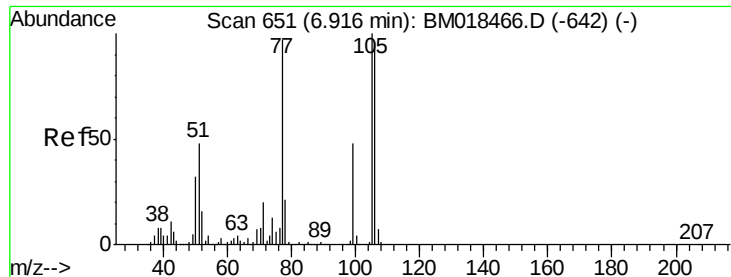


Abundance Ion 128.00 (127.70 to 128.70): BM018466.D (-713) (-)

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

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





#9

Benzaldehyde

Concen: 13.700 ng

RT: 6.89 min Scan# 647

Delta R.T. -0.02 min

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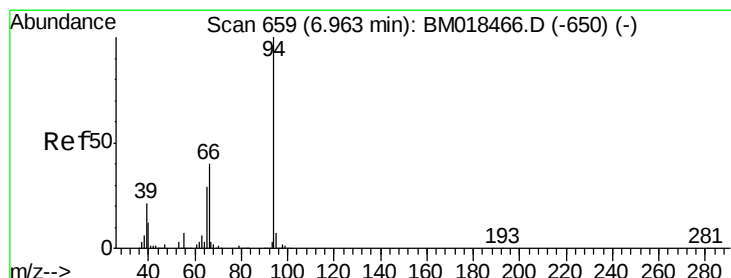
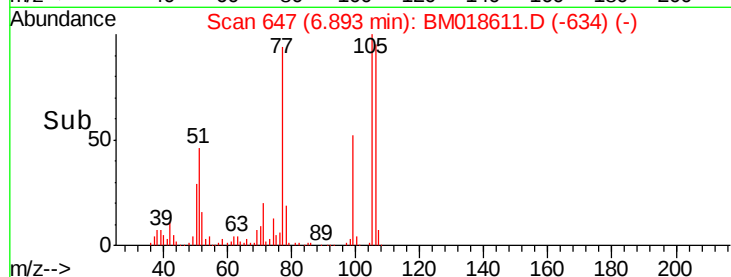
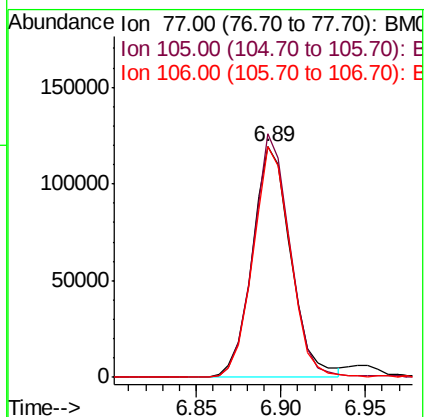
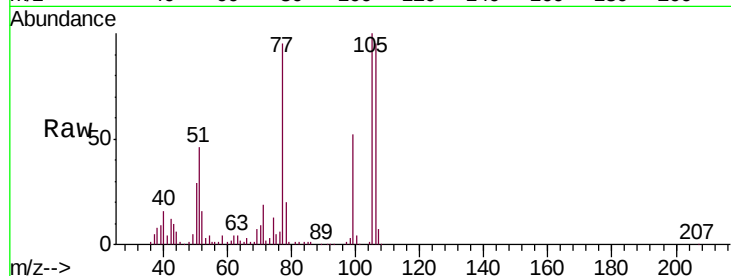
Tgt Ion: 77 Resp: 189329

Ion Ratio Lower Upper

77 100

105 105.7 79.7 119.7

106 100.3 75.2 115.2



#10

Phenol

Concen: 37.322 ng

RT: 6.95 min Scan# 656

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

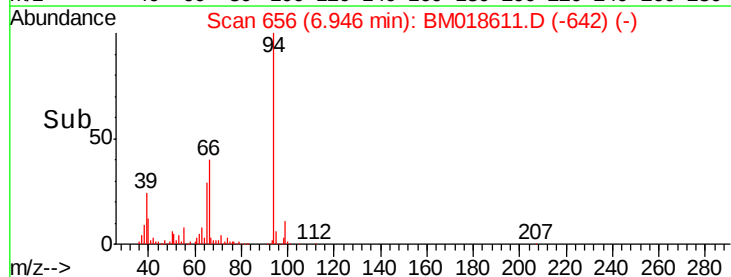
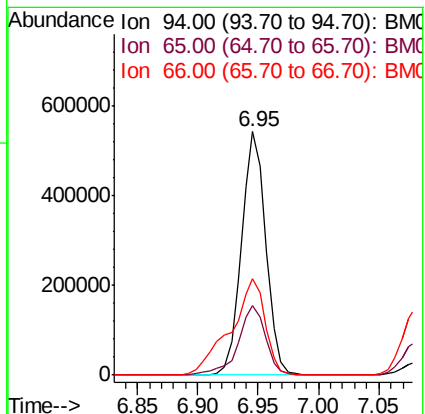
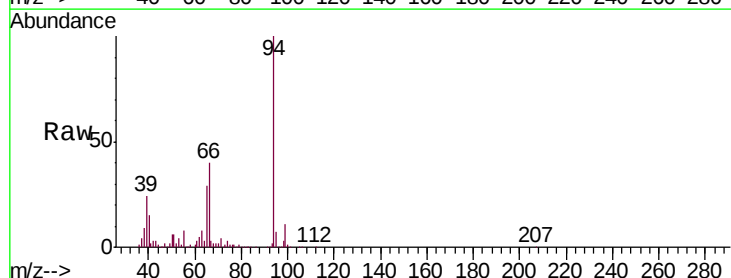
Tgt Ion: 94 Resp: 761918

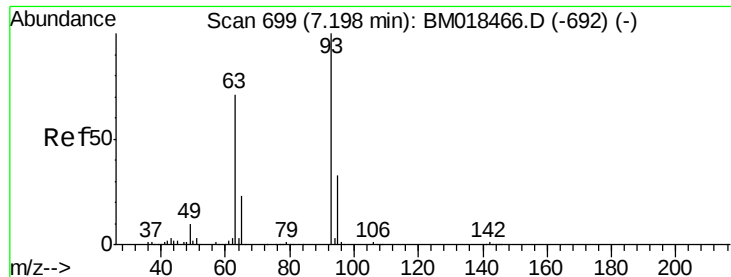
Ion Ratio Lower Upper

94 100

65 28.8 9.4 49.4

66 39.8 19.1 59.1

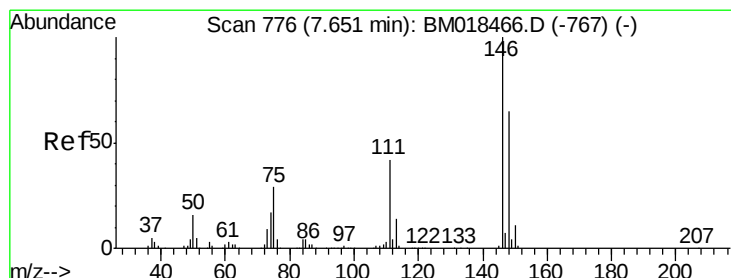
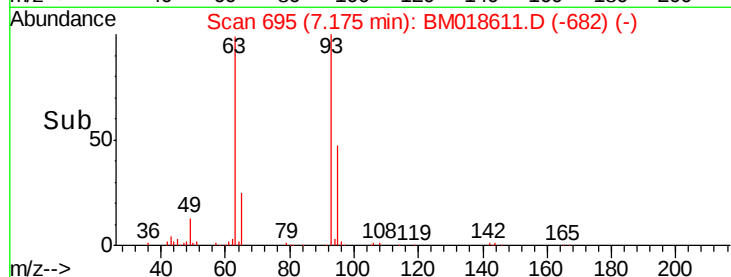
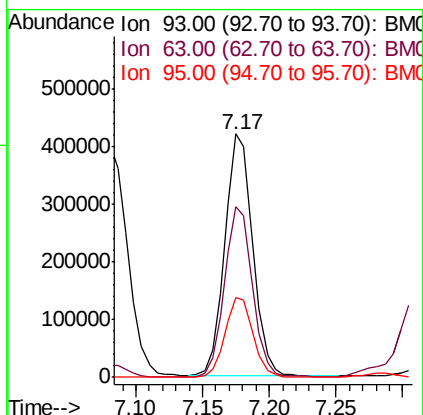
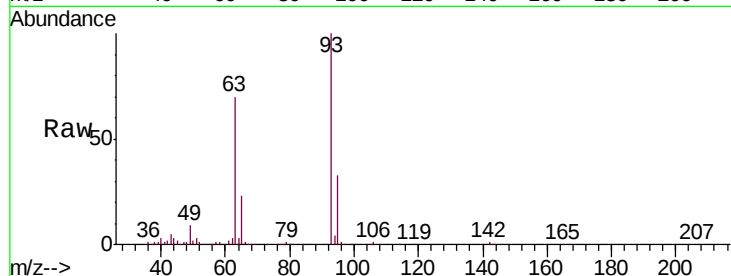




#11
bis(2-Chloroethyl)ether
Concen: 38.396 ng
RT: 7.17 min Scan# 695
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

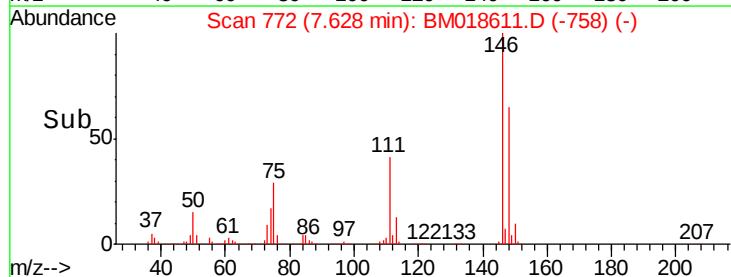
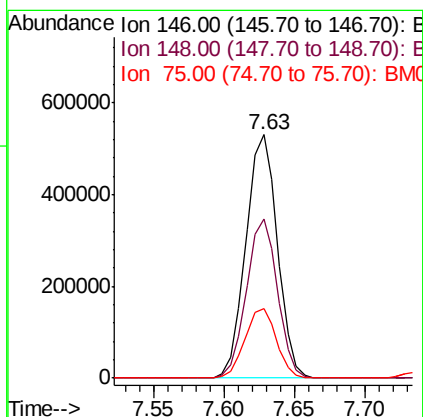
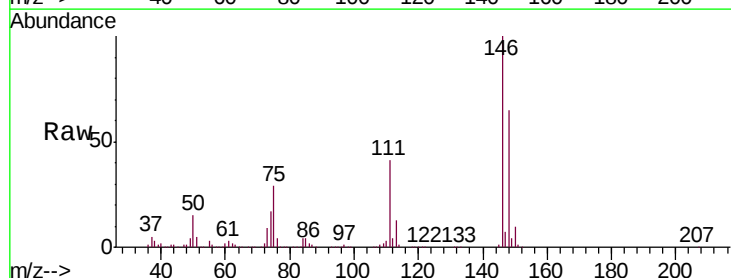
Instrument :
BNA_M
ClientSampleId :
PB116441BS

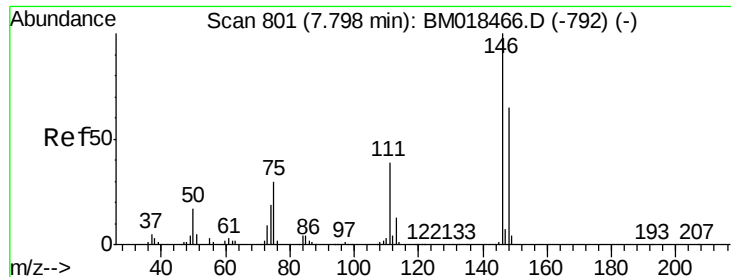
Tgt Ion: 93 Resp: 615908
Ion Ratio Lower Upper
93 100
63 70.3 56.4 96.4
95 32.7 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 37.847 ng
RT: 7.63 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion: 146 Resp: 832647
Ion Ratio Lower Upper
146 100
148 65.1 50.5 75.7
75 28.6 23.0 34.6

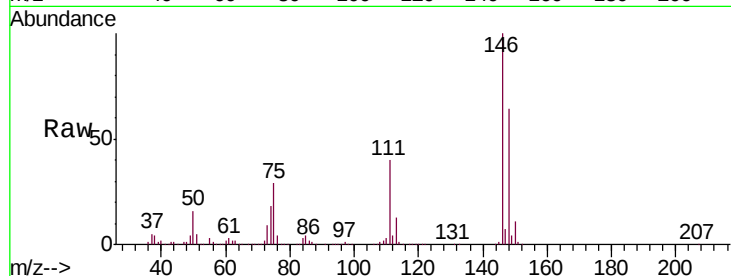




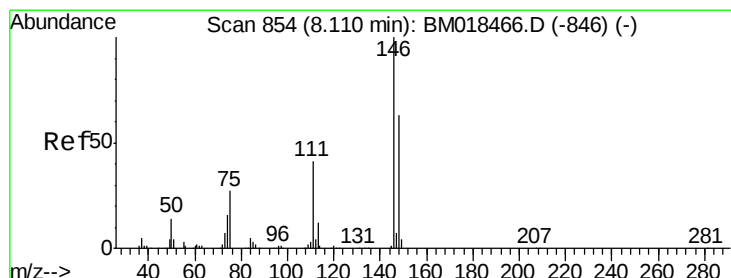
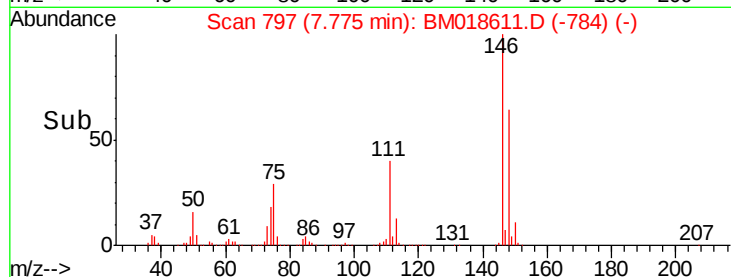
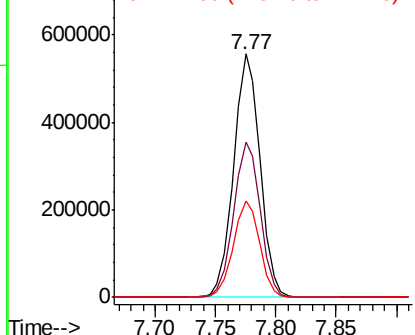
#13
 1,4-Dichlorobenzene
 Concen: 37.944 ng
 RT: 7.77 min Scan# 797
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Instrument :
 BNA_M
 ClientSampleId :
 PB116441BS

Tgt Ion:146 Resp: 846083
 Ion Ratio Lower Upper
 146 100
 148 63.7 50.8 76.2
 111 39.9 32.2 48.2

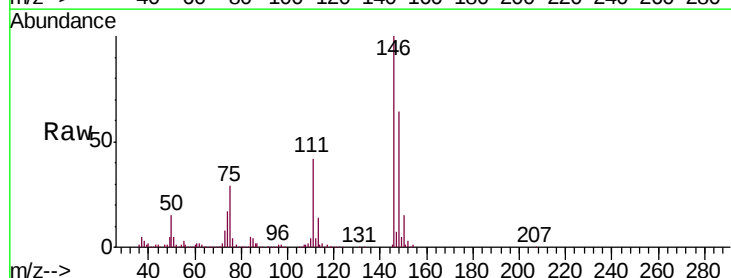


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

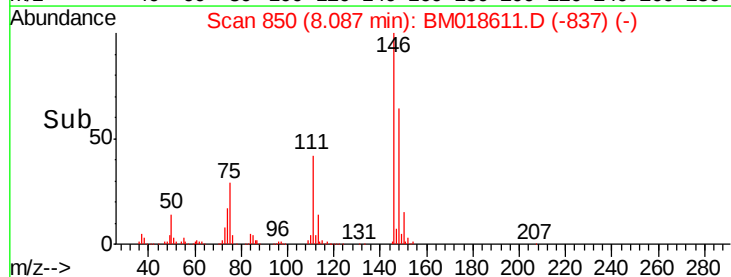
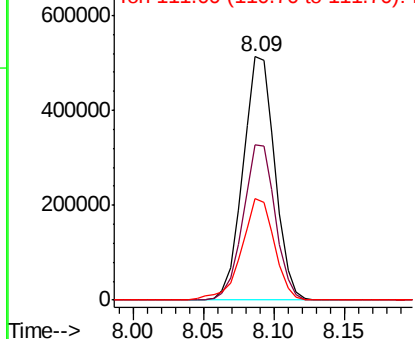


#14
 1,2-Dichlorobenzene
 Concen: 38.227 ng
 RT: 8.09 min Scan# 850
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Tgt Ion:146 Resp: 808256
 Ion Ratio Lower Upper
 146 100
 148 63.8 51.0 76.6
 111 41.6 33.8 50.6



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 38.930 ng

RT: 7.99 min Scan# 833

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

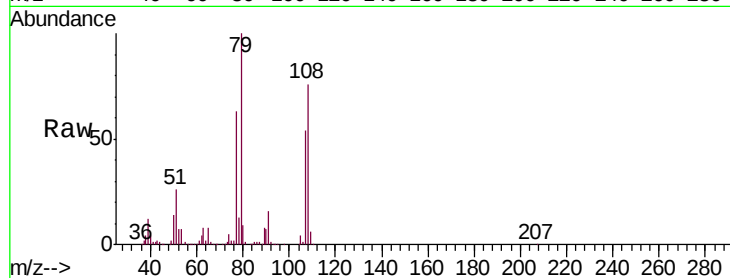
Tgt Ion: 79 Resp: 564872

Ion Ratio Lower Upper

79 100

108 76.0 60.4 90.6

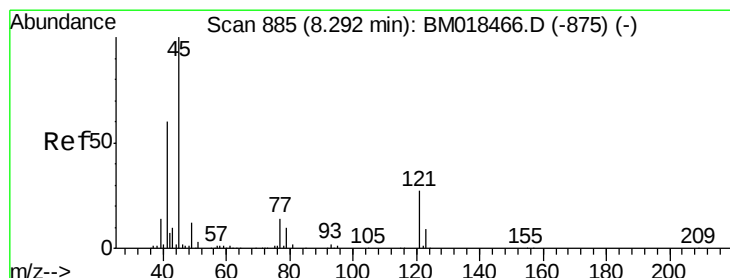
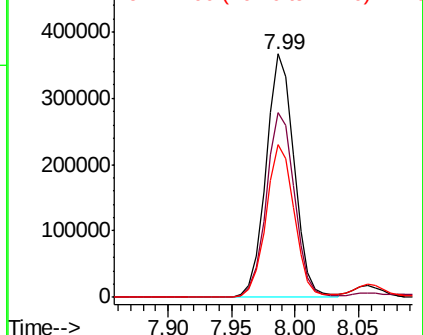
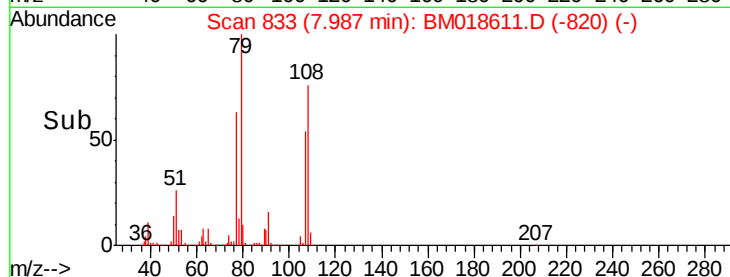
77 62.9 53.4 80.2



Abundance Ion 79.00 (78.70 to 79.70): BM018611.D (-820) (-)

Ion 108.00 (107.70 to 108.70): BM018611.D (-820) (-)

Ion 77.00 (76.70 to 77.70): BM018611.D (-820) (-)



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.312 ng

RT: 8.26 min Scan# 879

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

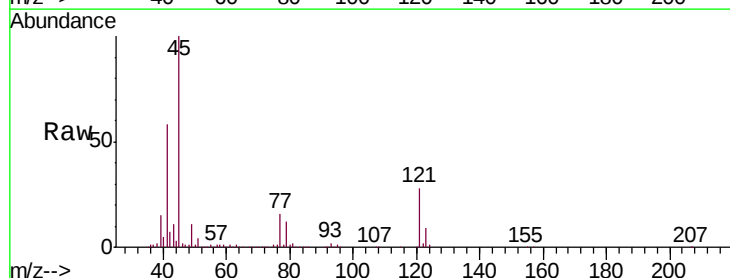
Tgt Ion: 45 Resp: 764879

Ion Ratio Lower Upper

45 100

77 15.9 0.0 33.4

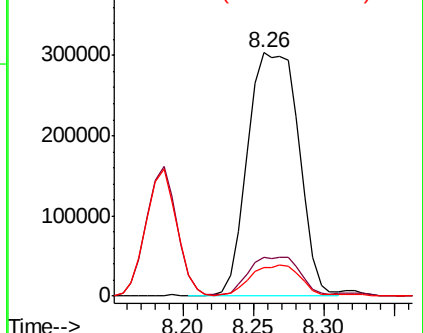
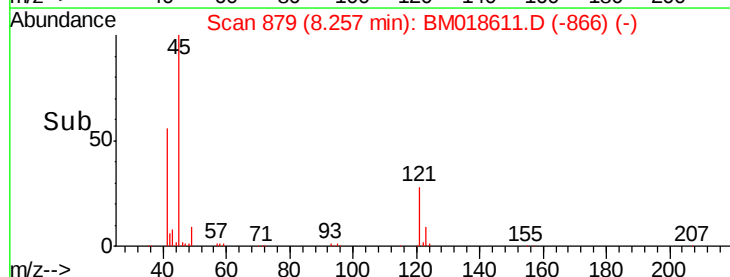
79 11.5 0.0 31.1

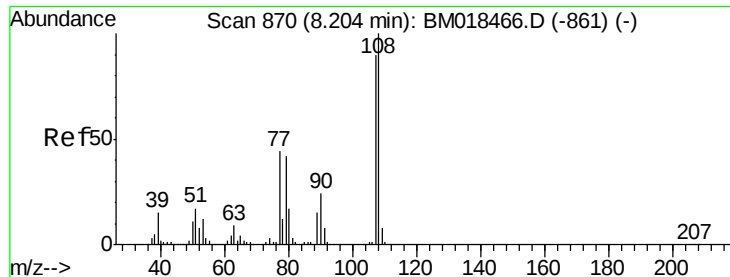


Abundance Ion 45.00 (44.70 to 45.70): BM018611.D (-866) (-)

Ion 77.00 (76.70 to 77.70): BM018611.D (-866) (-)

Ion 79.00 (78.70 to 79.70): BM018611.D (-866) (-)

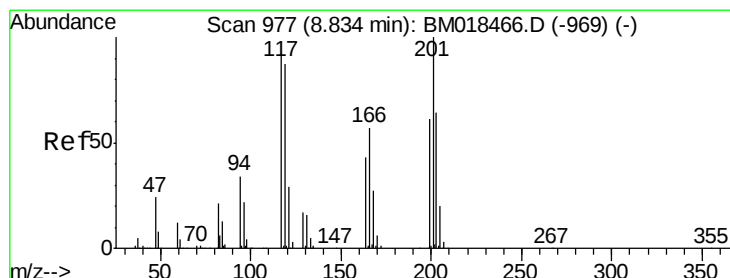
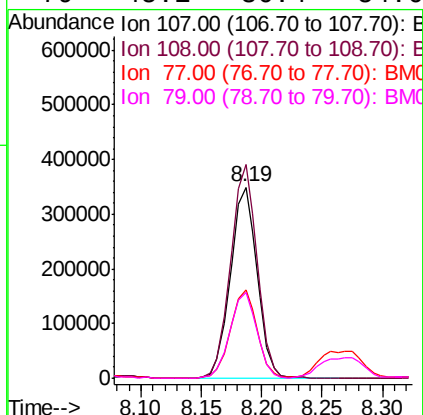
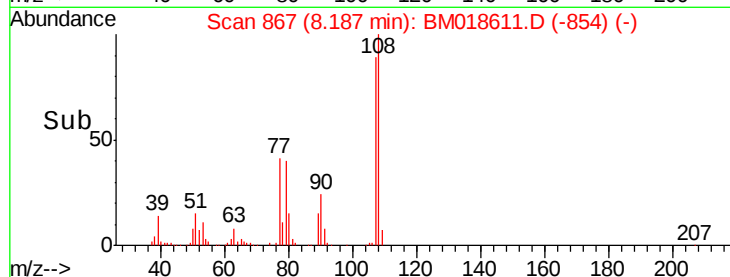
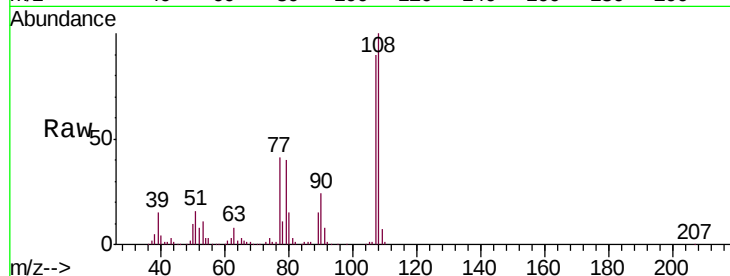




#17
2-Methylphenol
Concen: 38.776 ng
RT: 8.19 min Scan# 867
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

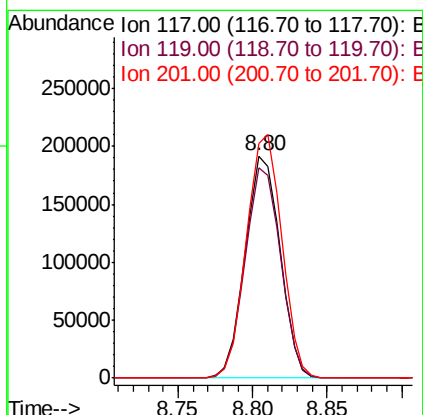
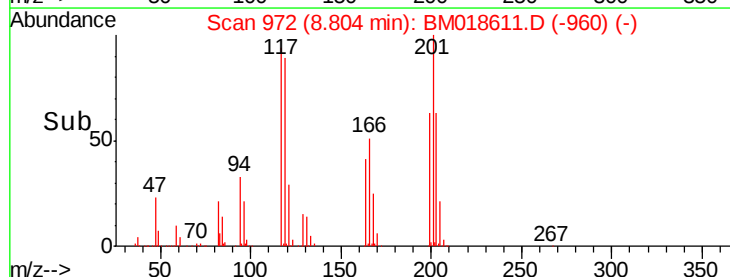
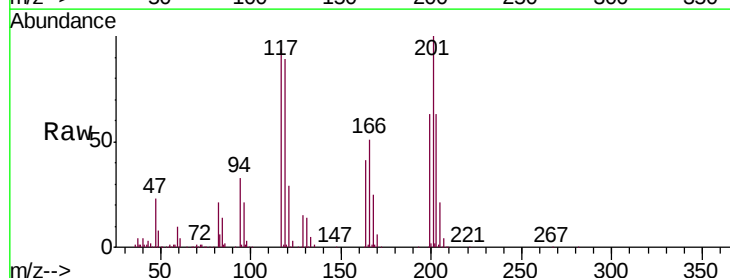
Instrument :
BNA_M
ClientSampleId :
PB116441BS

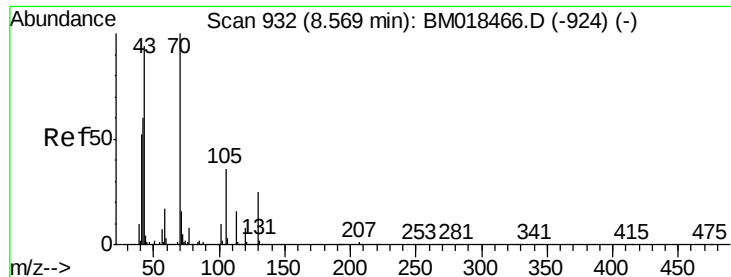
Tgt Ion	Ratio	Lower	Upper
107	100		
108	111.7	87.5	131.3
77	46.2	37.3	55.9
79	45.1	36.4	54.6



#18
Hexachloroethane
Concen: 39.166 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.03 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.5	78.3	117.5
201	105.9	81.4	122.0

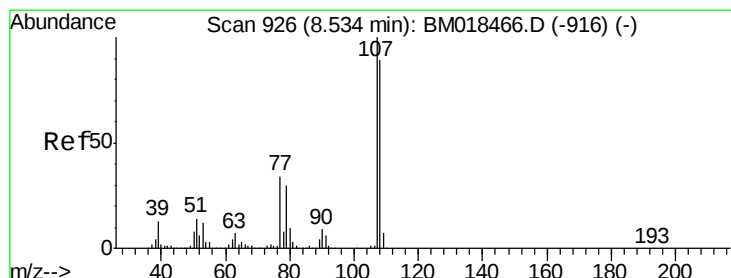
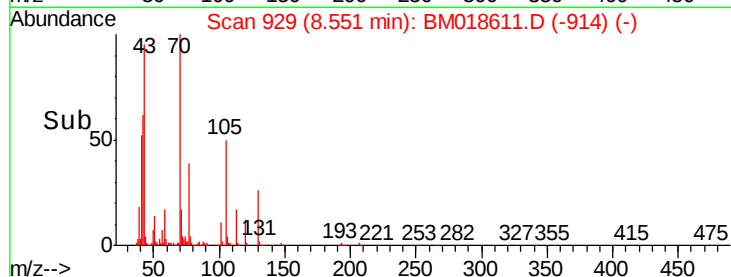
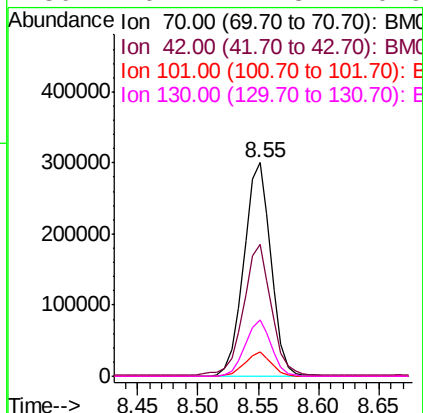
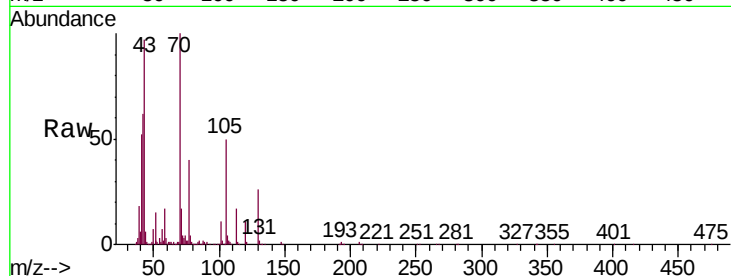




#19
n-Nitroso-di-n-propylamine
Concen: 35.971 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

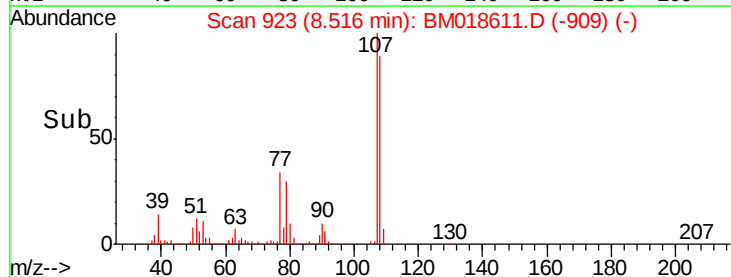
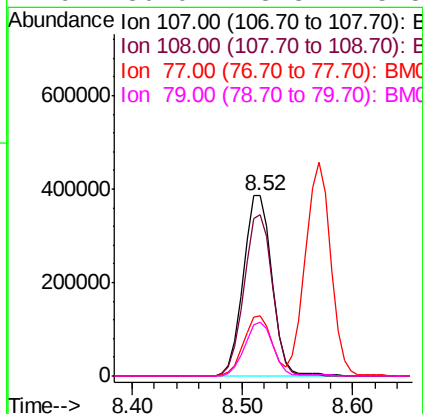
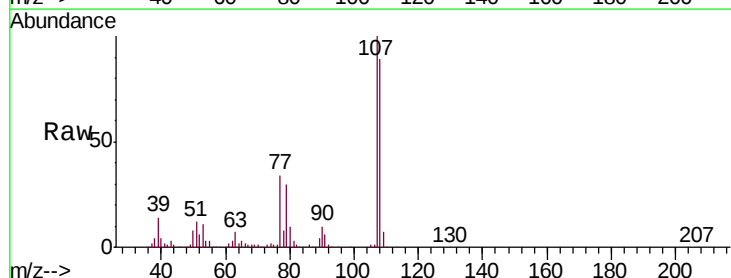
Instrument :
BNA_M
ClientSampleId :
PB116441BS

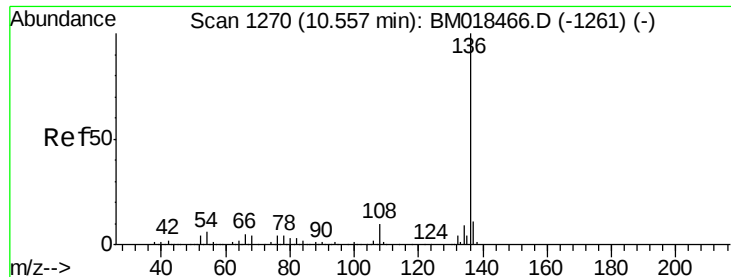
Tgt Ion:	70	Resp:	470279
Ion	Ratio	Lower	Upper
70	100		
42	62.0	54.0	81.0
101	11.3	8.1	12.1
130	26.1	17.8	26.6



#20
3+4-Methylphenols
Concen: 36.951 ng
RT: 8.52 min Scan# 923
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion:	107	Resp:	706857
Ion	Ratio	Lower	Upper
107	100		
108	89.3	66.8	106.8
77	33.6	13.3	53.3
79	30.0	8.8	48.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.53 min Scan# 1266

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

Tgt Ion:136 Resp: 1075666

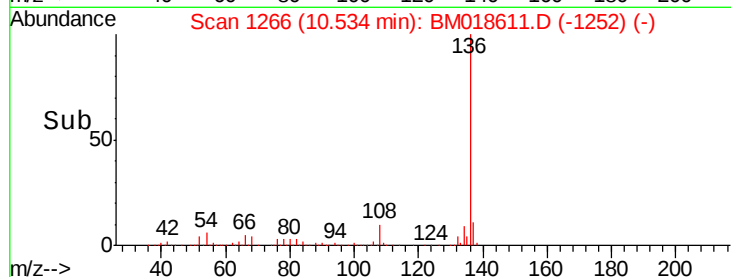
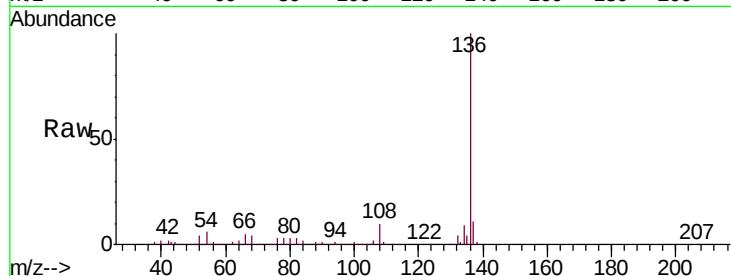
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.0 6.0 9.0

68 4.0 4.5 6.7#

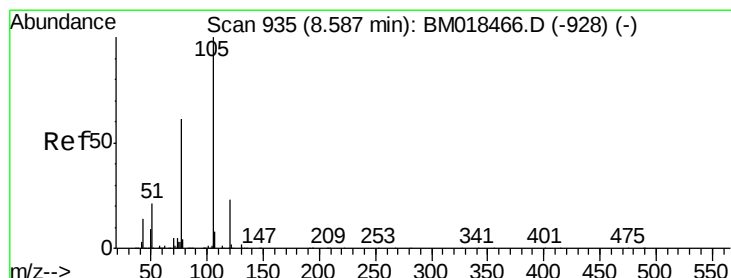
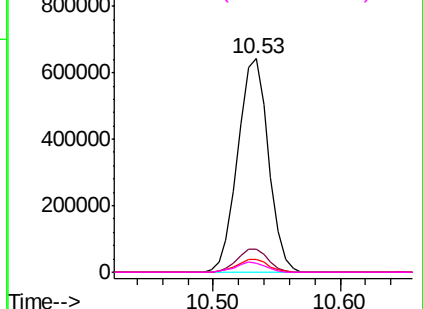


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.542 ng

RT: 8.57 min Scan# 932

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Tgt Ion:105 Resp: 972355

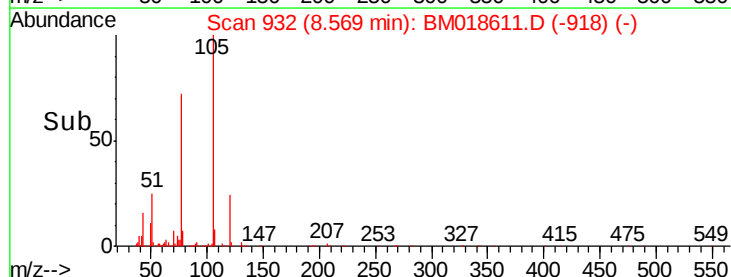
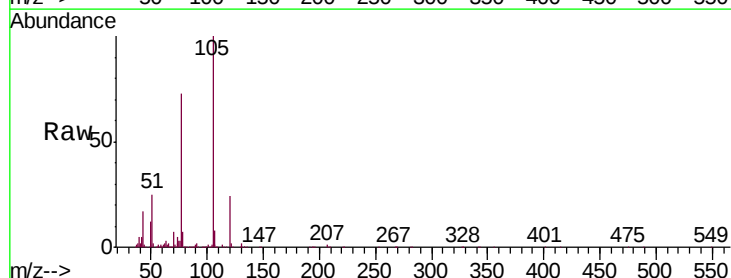
Ion Ratio Lower Upper

105 100

71 1.1 1.7 2.5#

51 25.3 22.6 34.0

120 23.6 18.3 27.5

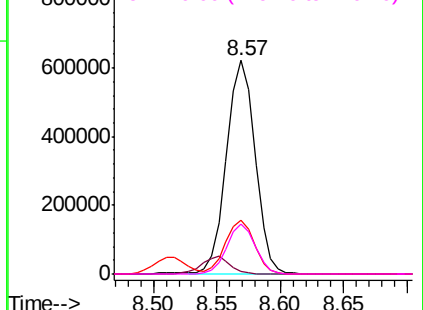


Abundance Ion 105.00 (104.70 to 105.70): E

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

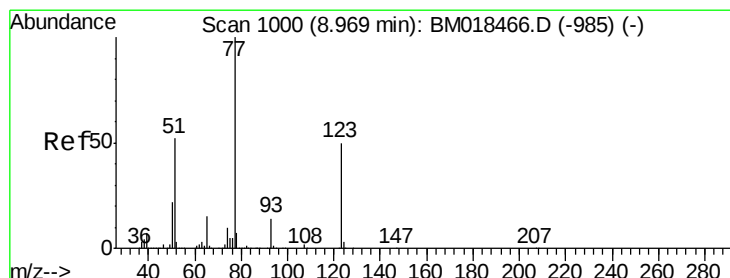
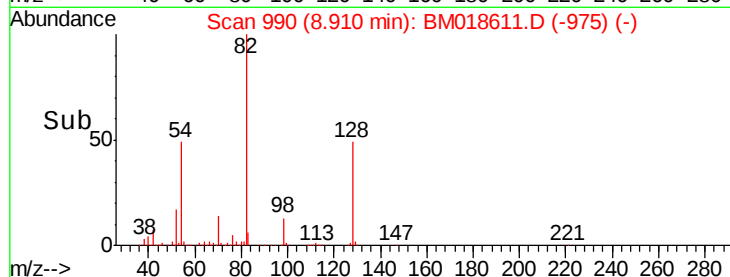
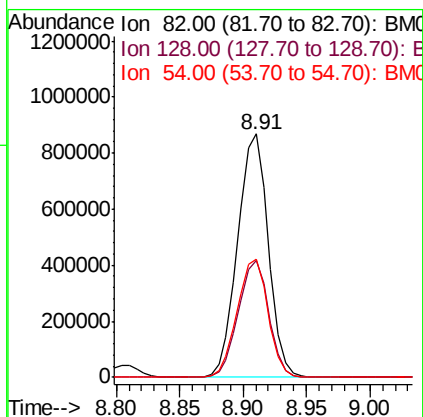
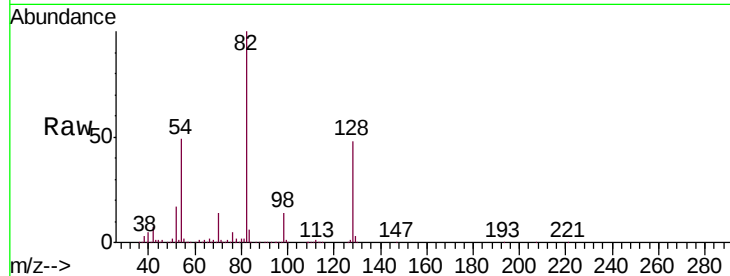




#23
 Nitrobenzene-d5
 Concen: 78.472 ng
 RT: 8.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

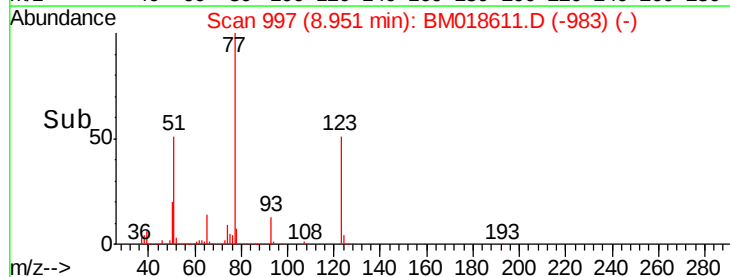
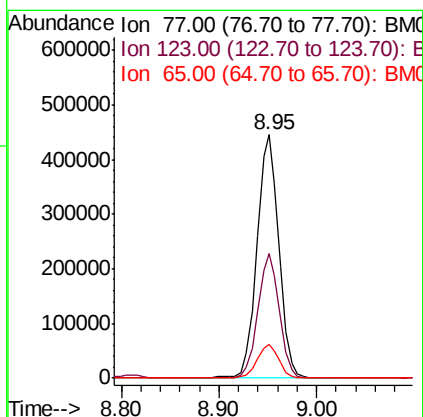
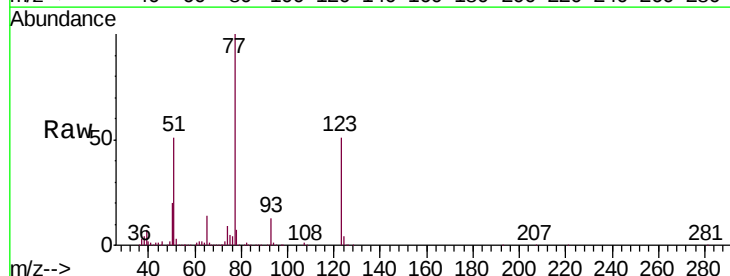
Instrument :
 BNA_M
 ClientSampleId :
 PB116441BS

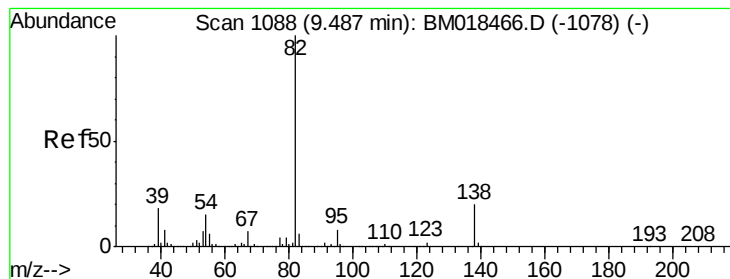
Tgt Ion: 82 Resp: 1456065
 Ion Ratio Lower Upper
 82 100
 128 47.9 36.3 54.5
 54 48.5 41.7 62.5



#24
 Nitrobenzene
 Concen: 38.353 ng
 RT: 8.95 min Scan# 997
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Tgt Ion: 77 Resp: 700216
 Ion Ratio Lower Upper
 77 100
 123 51.1 37.7 56.5
 65 14.0 11.0 16.6





#25

Isophorone

Concen: 44.306 ng

RT: 9.47 min Scan# 1085

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

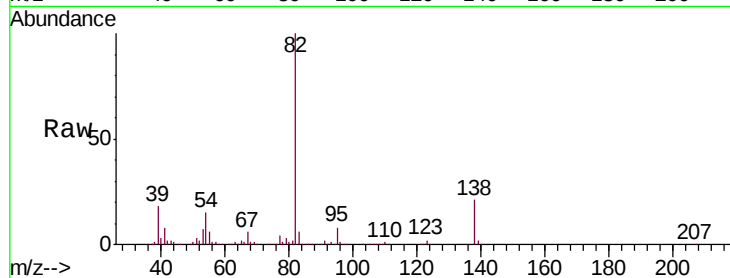
Tgt Ion: 82 Resp: 1244914

Ion Ratio Lower Upper

82 100

95 8.1 6.1 9.1

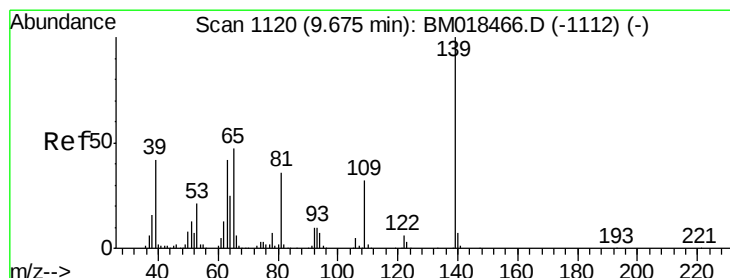
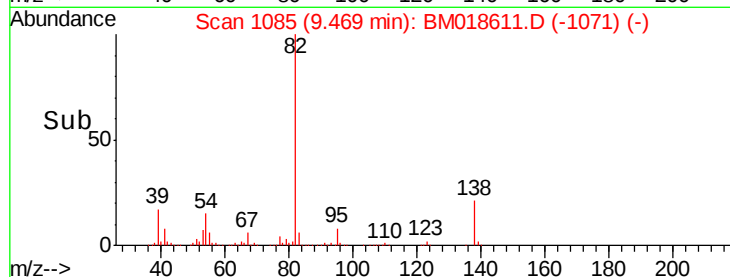
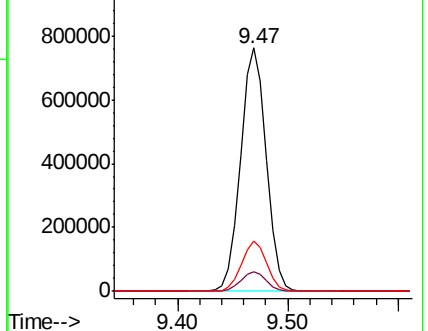
138 20.8 15.1 22.7



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

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

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



#26

2-Nitrophenol

Concen: 44.405 ng

RT: 9.65 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

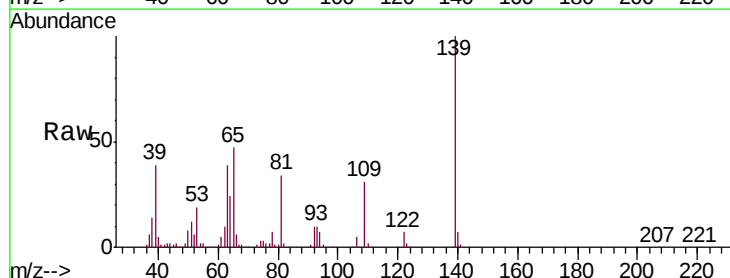
Tgt Ion: 139 Resp: 392004

Ion Ratio Lower Upper

139 100

109 30.7 23.4 35.2

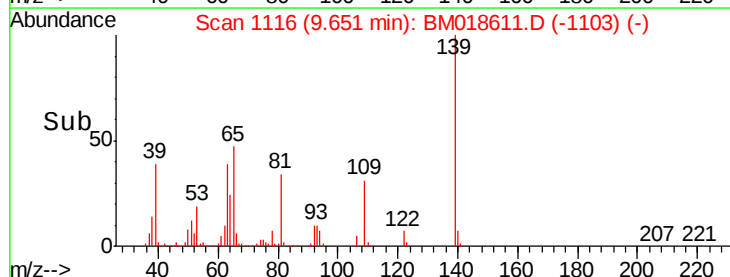
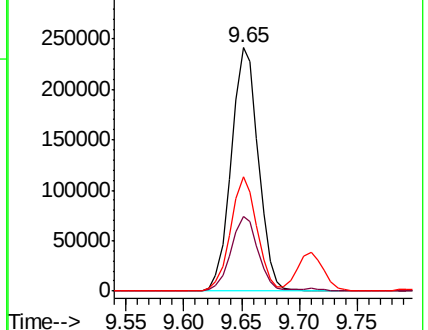
65 47.1 39.4 59.2



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

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

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

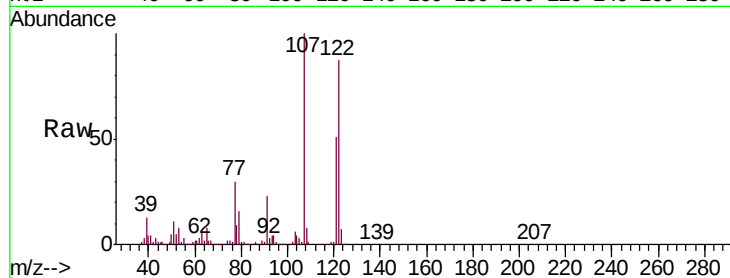




#27
2,4-Dimethylphenol
Concen: 44.818 ng
RT: 9.71 min Scan# 1126
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	115.0	91.9	137.9
121	59.1	47.5	71.3

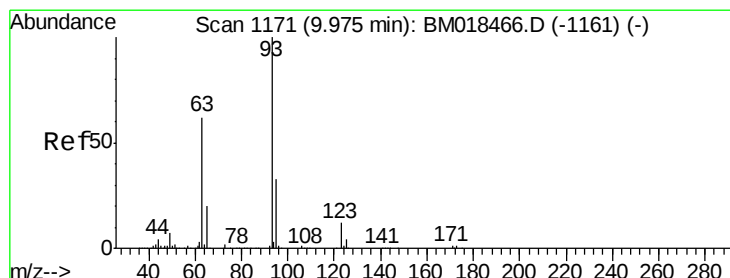
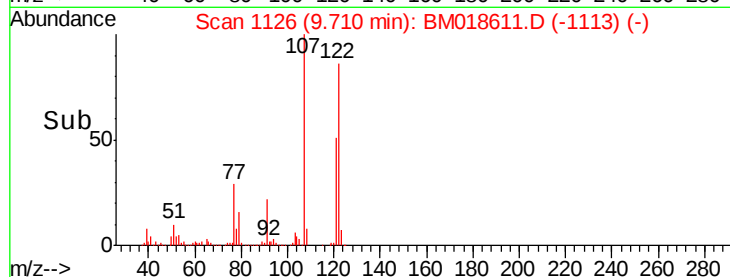
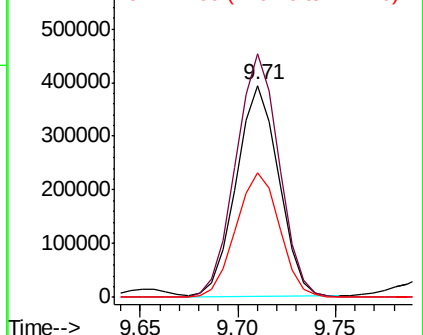


Abundance

Ion 122.00 (121.70 to 122.70): E

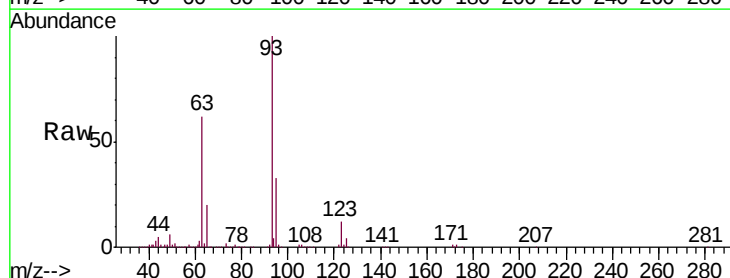
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 40.839 ng
RT: 9.95 min Scan# 1167
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.7	26.6	39.8
123	12.3	9.9	14.9

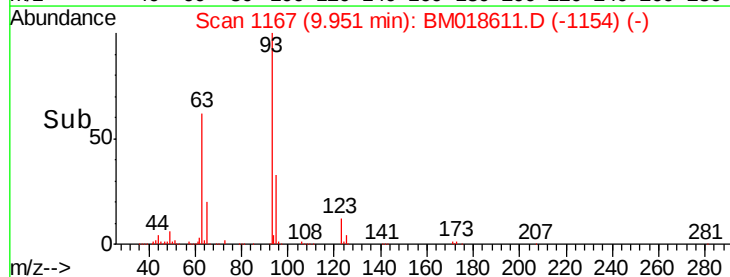
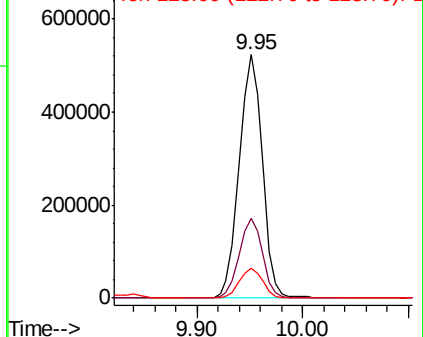


Abundance

Ion 93.00 (92.70 to 93.70): BM0

Ion 95.00 (94.70 to 95.70): BM0

Ion 123.00 (122.70 to 123.70): E

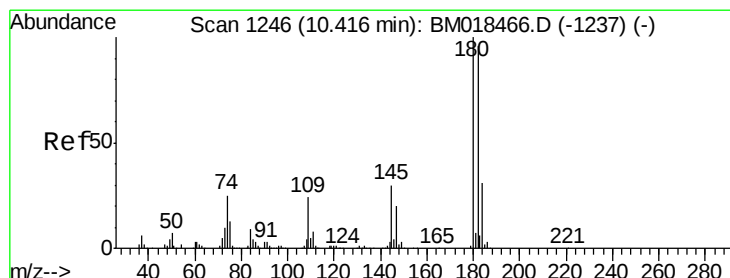
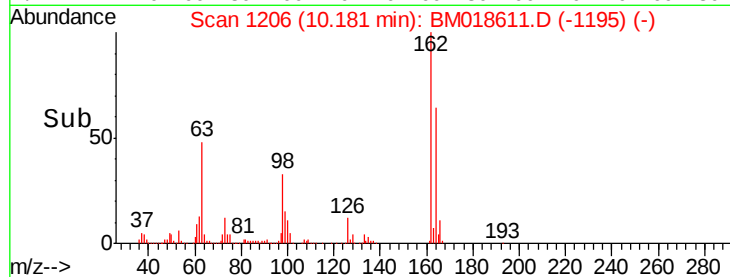
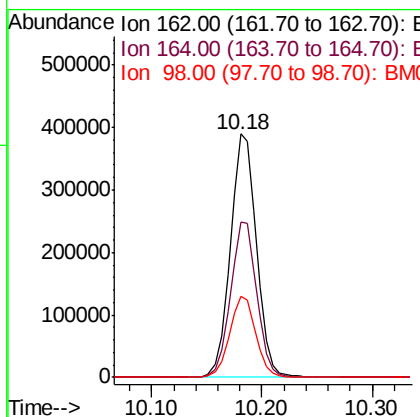
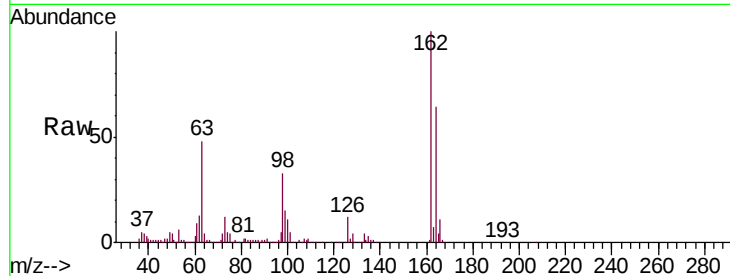




#29
 2,4-Dichlorophenol
 Concen: 40.997 ng
 RT: 10.18 min Scan# 1206
 Delta R.T. -0.04 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

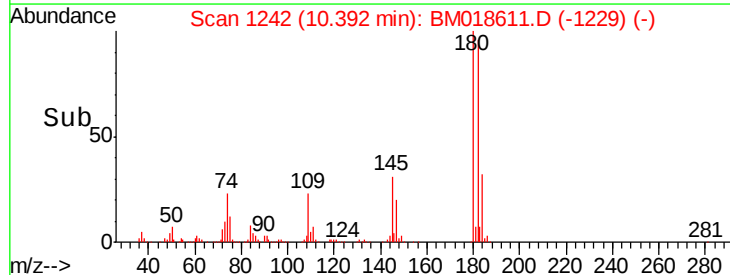
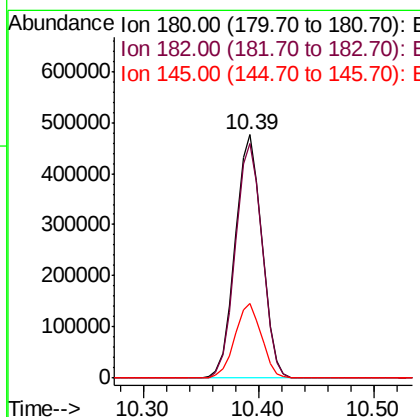
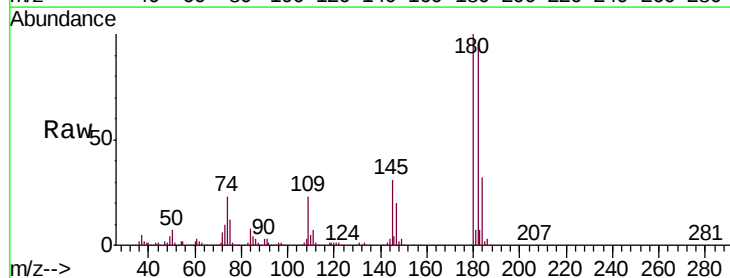
Instrument :
 BNA_M
 ClientSampleId :
 PB116441BS

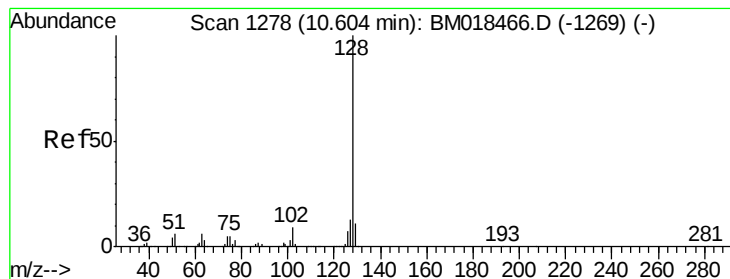
Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.6	45.6	85.6
98	33.3	14.7	54.7



#30
 1,2,4-Trichlorobenzene
 Concen: 38.951 ng
 RT: 10.39 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.5	77.4	116.2
145	30.7	24.6	37.0





#31

Naphthalene

Concen: 41.377 ng

RT: 10.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

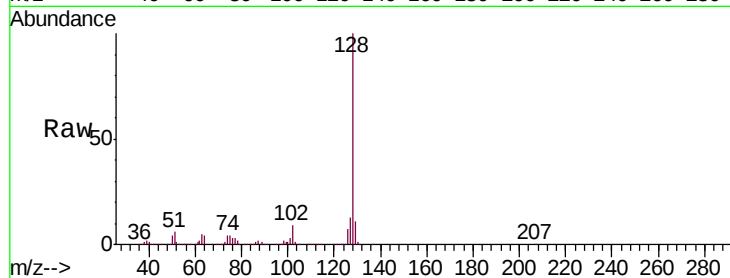
Tgt Ion:128 Resp: 2143529

Ion Ratio Lower Upper

128 100

129 11.0 8.7 13.1

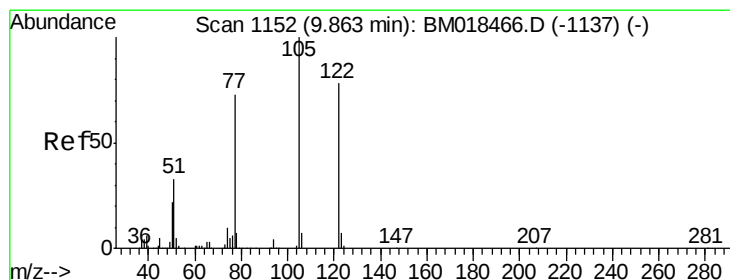
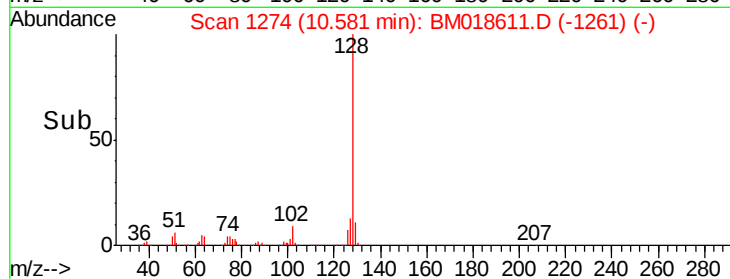
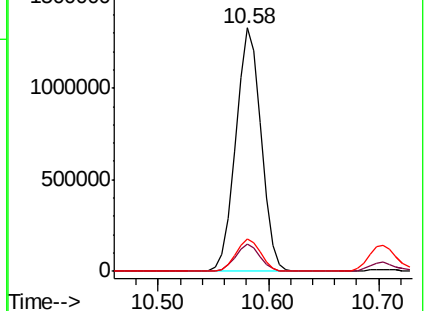
127 13.1 10.8 16.2



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: 29.107 ng

RT: 9.84 min Scan# 1148

Delta R.T. -0.06 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

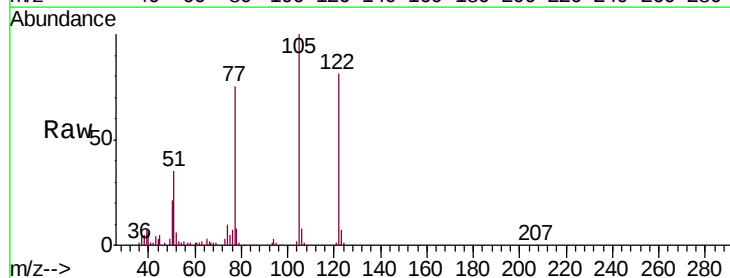
Tgt Ion:122 Resp: 232947

Ion Ratio Lower Upper

122 100

105 123.8 100.4 140.4

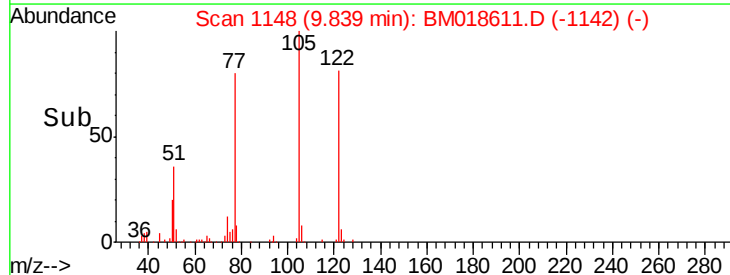
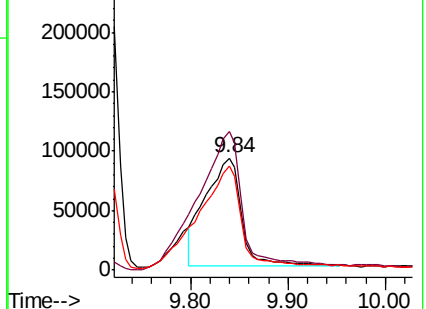
77 93.1 71.7 111.7

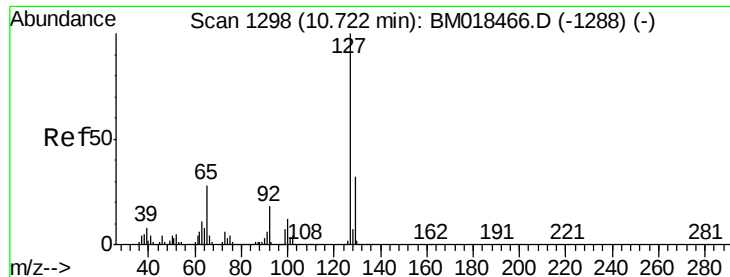


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

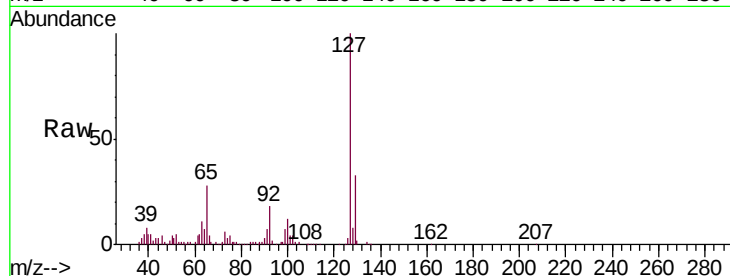




#33
4-Chloroaniline
Concen: 12.769 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.03 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tgt Ion:	127	Resp:	260508
Ion	Ratio	Lower	Upper
127	100		
129	33.1	25.9	38.9
65	27.8	23.4	35.2
92	17.8	14.5	21.7



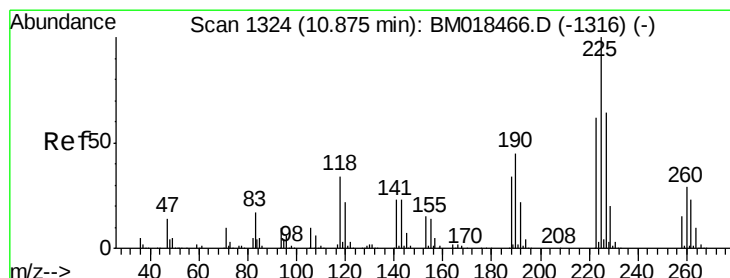
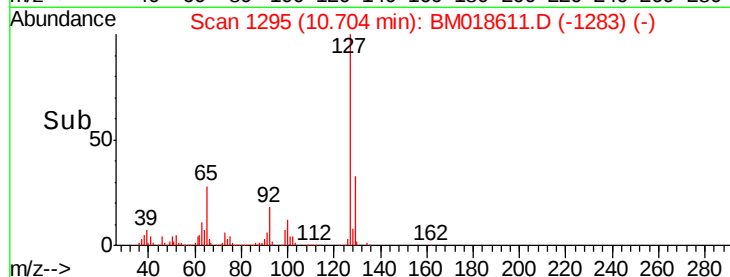
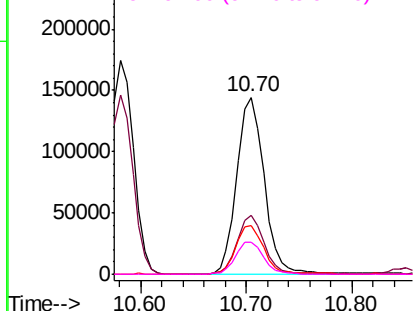
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

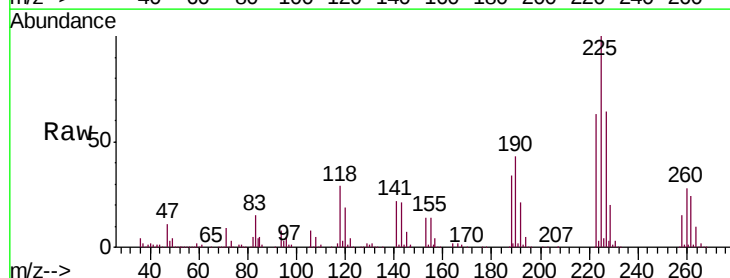
Ion 65.00 (64.70 to 65.70): BM0

Ion 92.00 (91.70 to 92.70): BM0



#34
Hexachlorobutadiene
Concen: 39.504 ng
RT: 10.85 min Scan# 1320
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion:	225	Resp:	488080
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.8	76.2
227	64.1	50.4	75.6

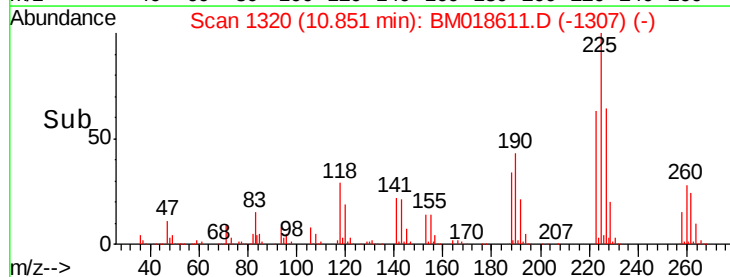
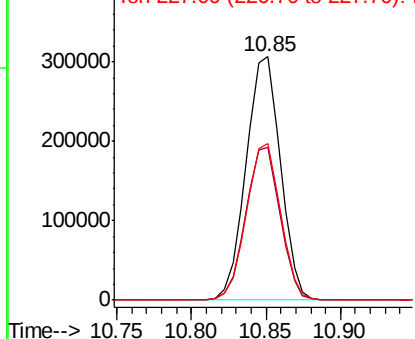


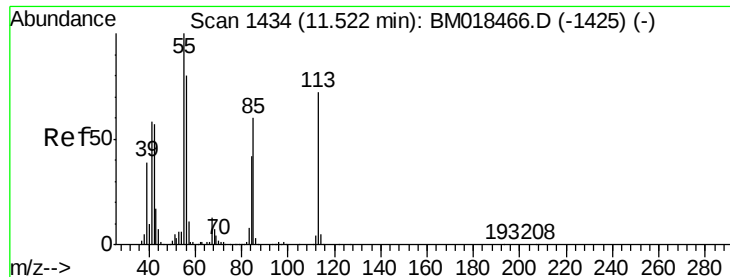
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 29.065 ng

RT: 11.52 min Scan# 1433

Delta R.T. -0.03 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

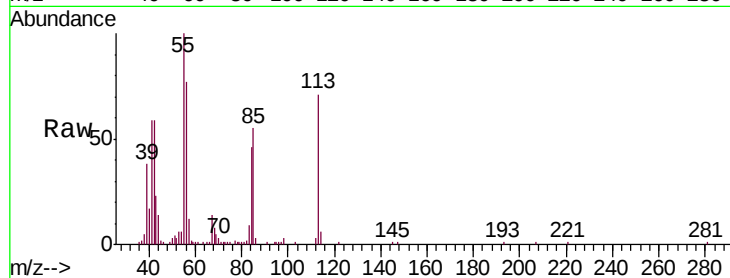
Tgt Ion:113 Resp: 155698

Ion Ratio Lower Upper

113 100

55 141.8 139.3 179.3

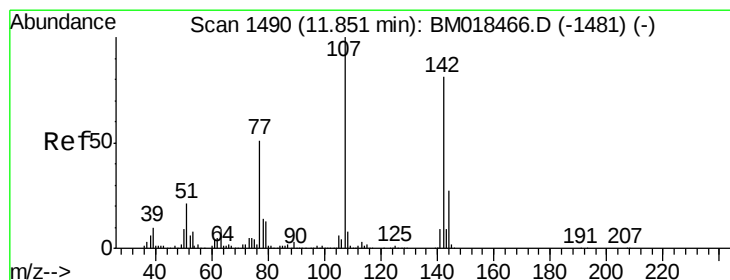
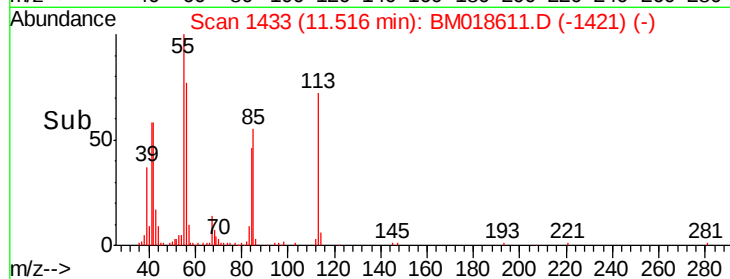
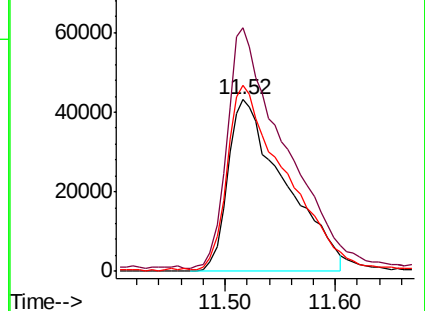
56 108.6 101.4 141.4



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM

Ion 56.00 (55.70 to 56.70): BM



#36

4-Chloro-3-methylphenol

Concen: 35.612 ng

RT: 11.83 min Scan# 1486

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

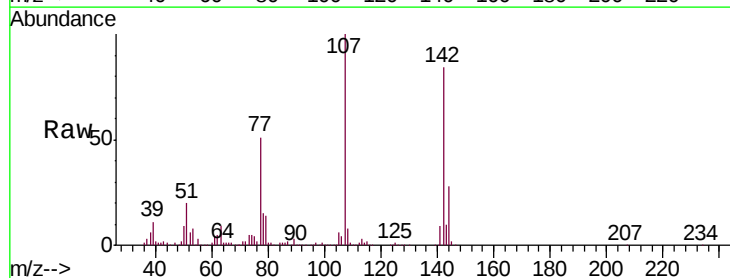
Tgt Ion:107 Resp: 588676

Ion Ratio Lower Upper

107 100

144 27.6 21.9 32.9

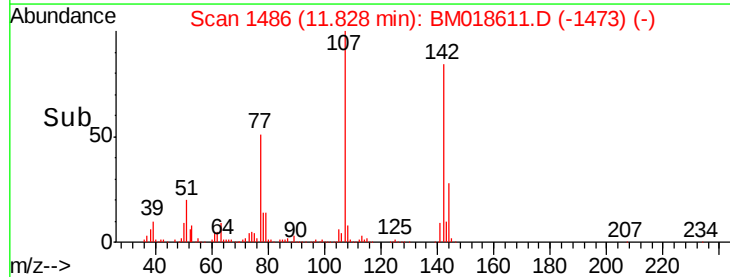
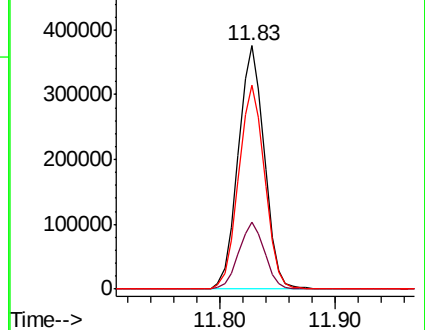
142 83.7 67.9 101.9

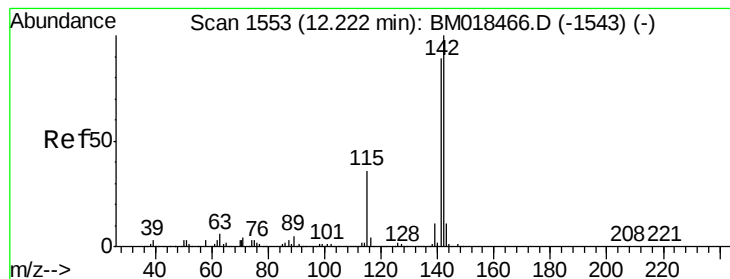


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.619 ng

RT: 12.20 min Scan# 1549

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

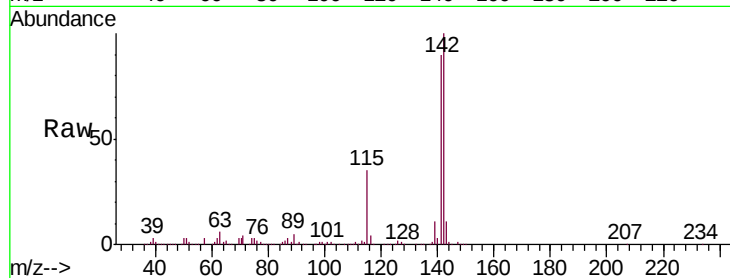
Tgt Ion:142 Resp: 1523329

Ion Ratio Lower Upper

142 100

141 90.1 71.4 107.2

115 34.8 28.0 42.0

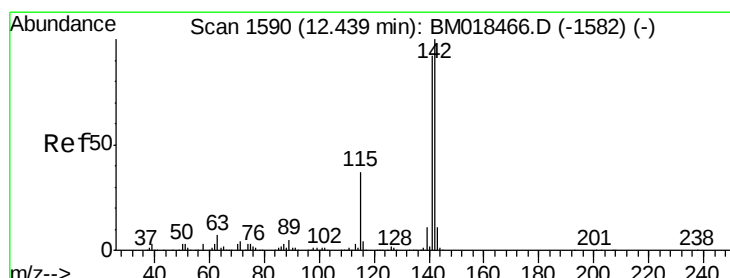
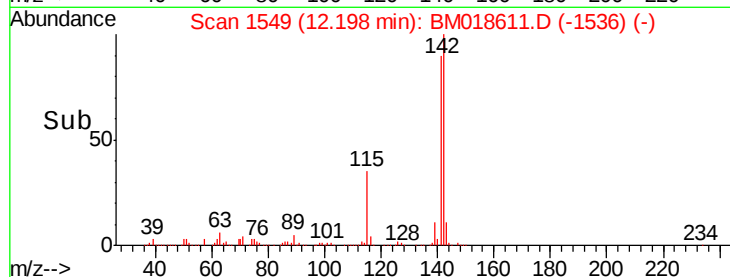
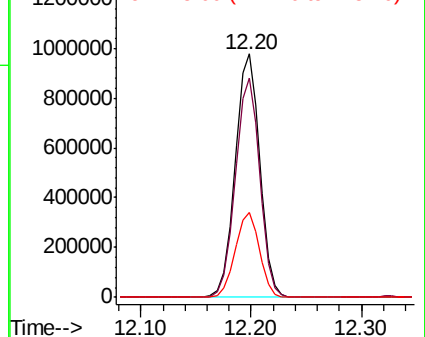


Abundance

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: 40.211 ng

RT: 12.42 min Scan# 1586

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

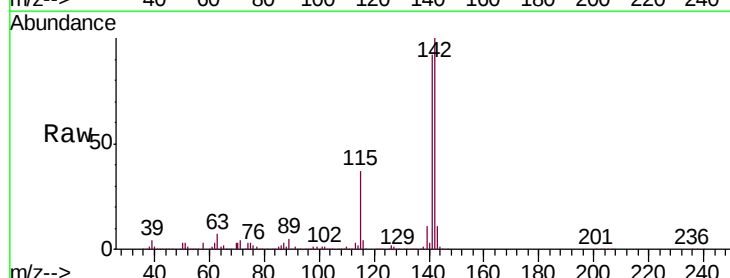
Tgt Ion:142 Resp: 1424079

Ion Ratio Lower Upper

142 100

141 92.3 75.6 113.4

116 3.9 3.0 4.6

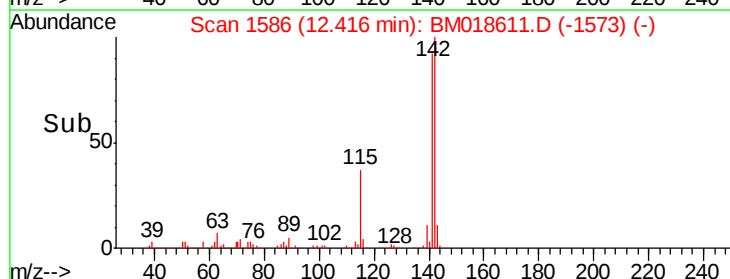
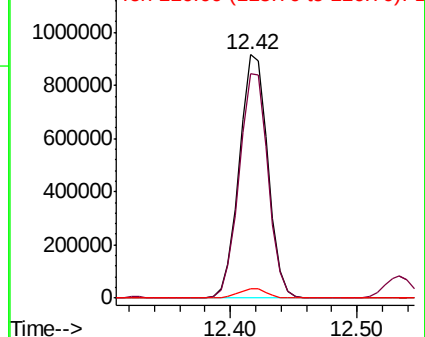


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.39 min Scan# 1921

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

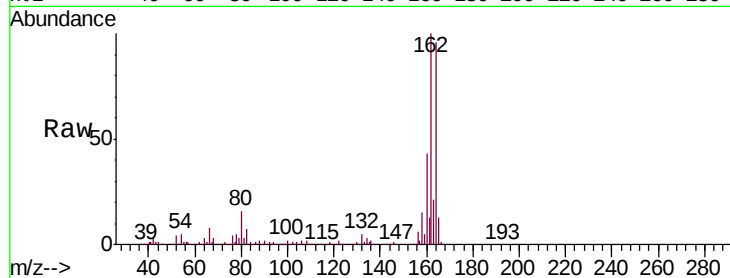
Tgt Ion:164 Resp: 539689

Ion Ratio Lower Upper

164 100

162 103.7 83.0 124.4

160 45.1 37.1 55.7

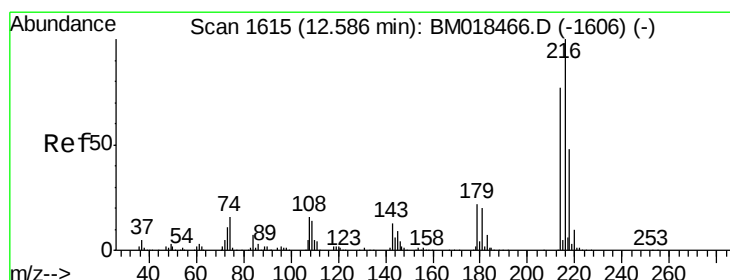
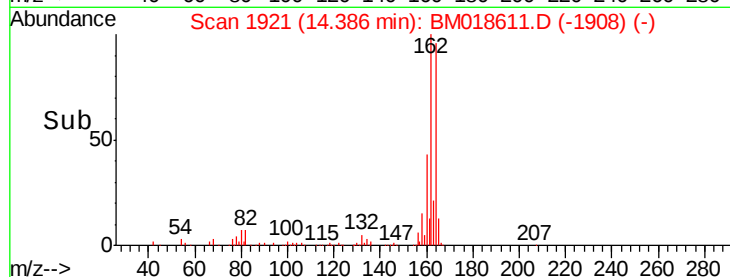
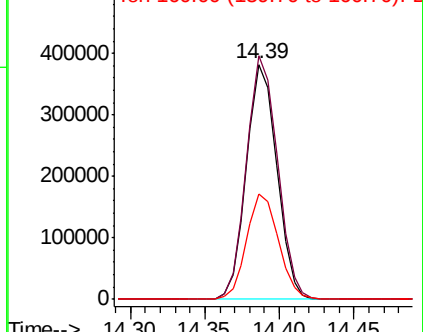


Abundance

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: 42.731 ng

RT: 12.56 min Scan# 1611

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Tgt Ion:216 Resp: 806457

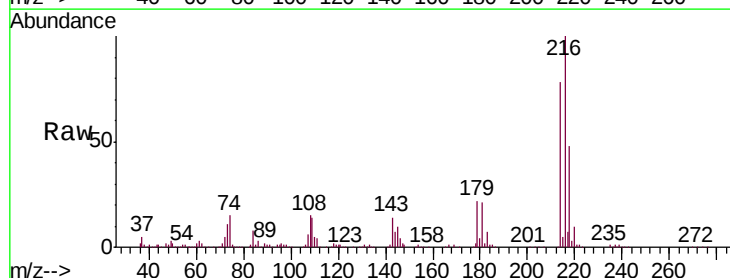
Ion Ratio Lower Upper

216 100

214 77.4 63.4 95.0

179 21.5 17.9 26.9

108 19.6 15.8 23.6



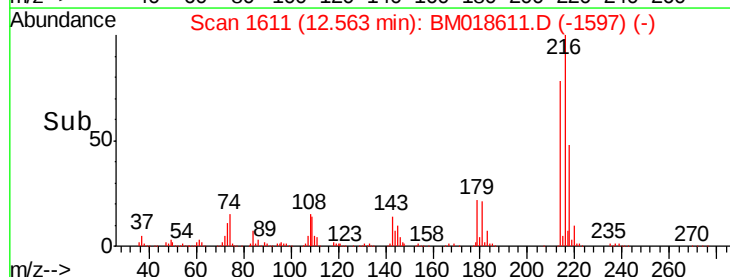
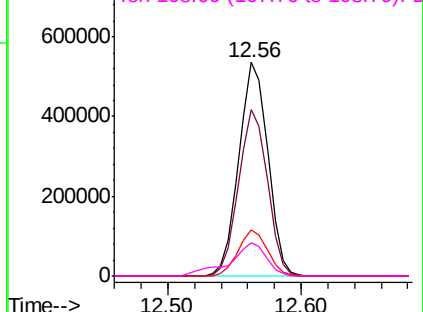
Abundance

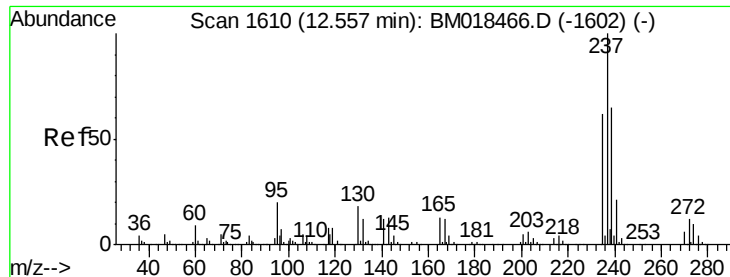
Ion 216.00 (215.70 to 216.70): E

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: 103.928 ng

RT: 12.53 min Scan# 1606

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

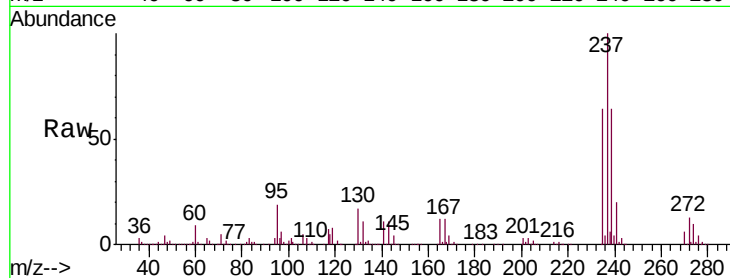
Tgt Ion:237 Resp: 1076468

Ion Ratio Lower Upper

237 100

235 63.5 42.8 82.8

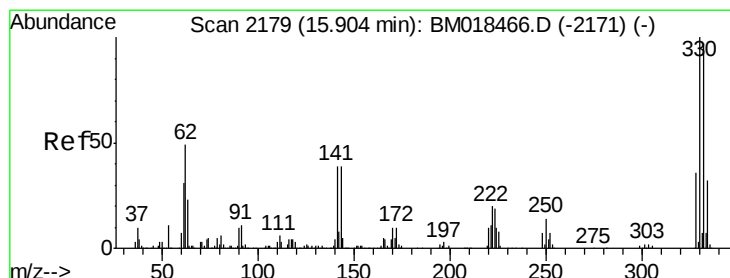
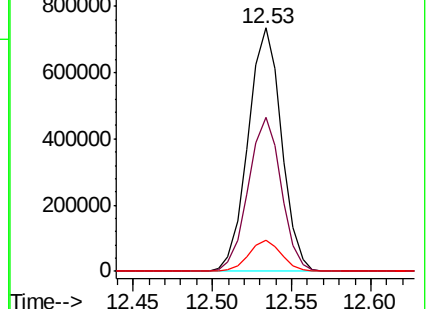
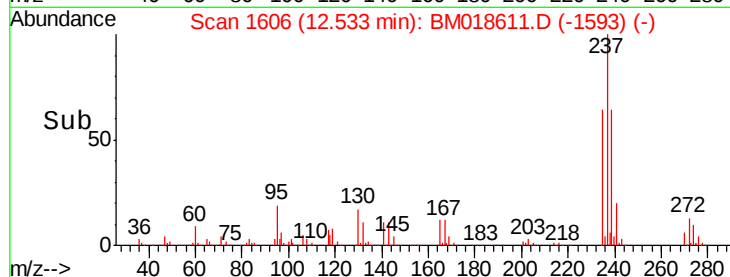
272 12.6 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 131.046 ng

RT: 15.89 min Scan# 2176

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

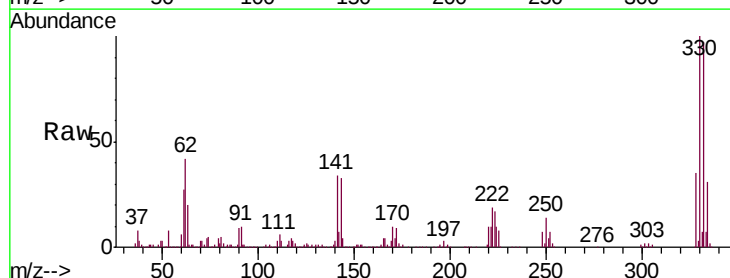
Tgt Ion:330 Resp: 900517

Ion Ratio Lower Upper

330 100

332 96.8 77.6 116.4

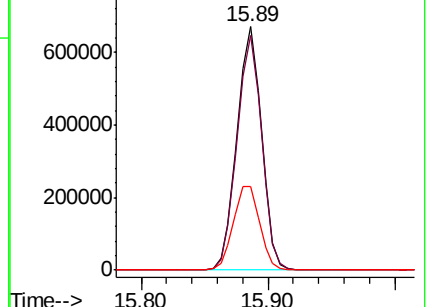
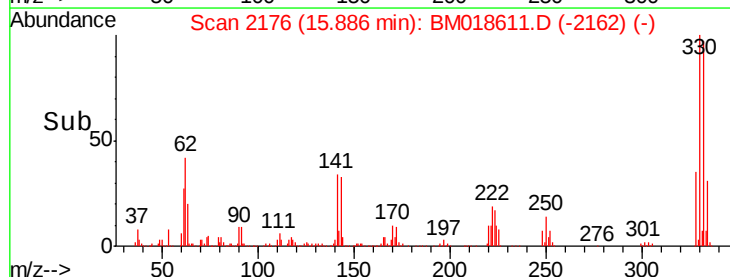
141 36.9 31.7 47.5

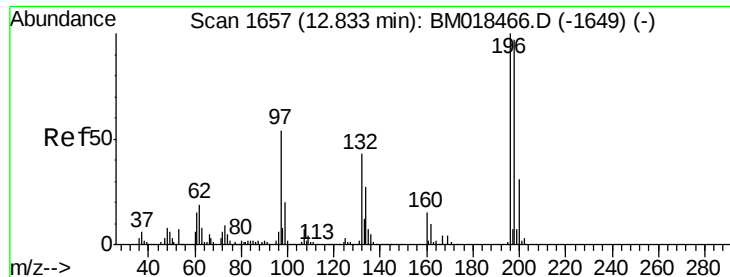


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

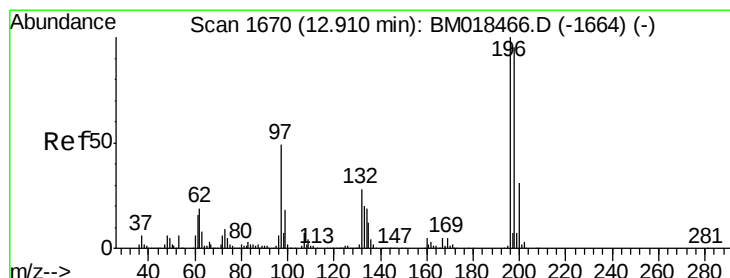
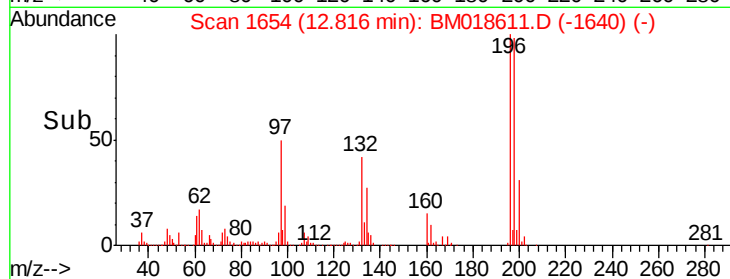
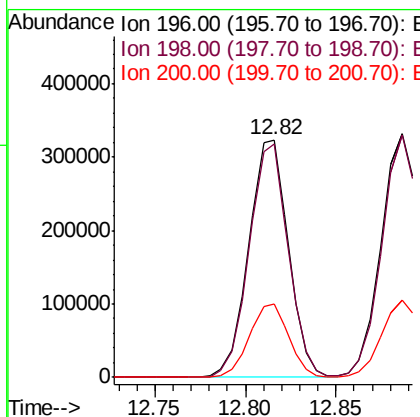
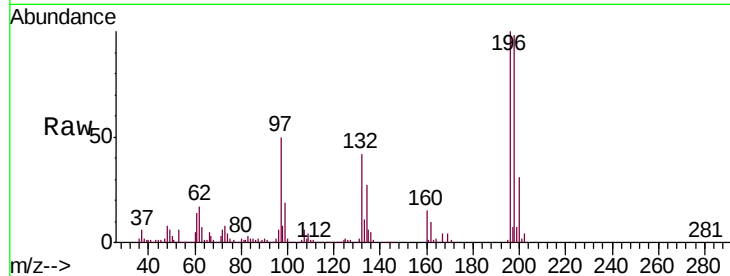




#43
 2,4,6-Trichlorophenol
 Concen: 42.918 ng
 RT: 12.82 min Scan# 1654
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

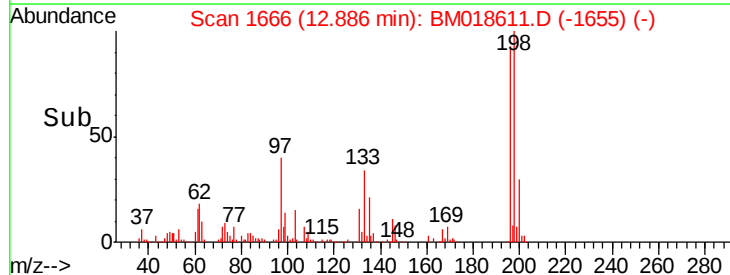
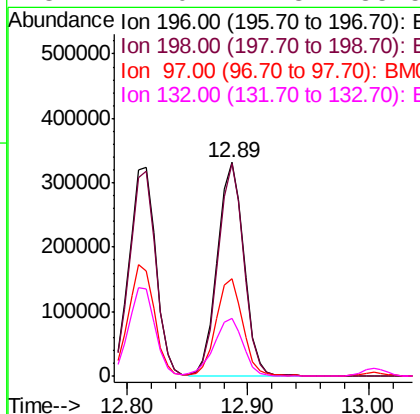
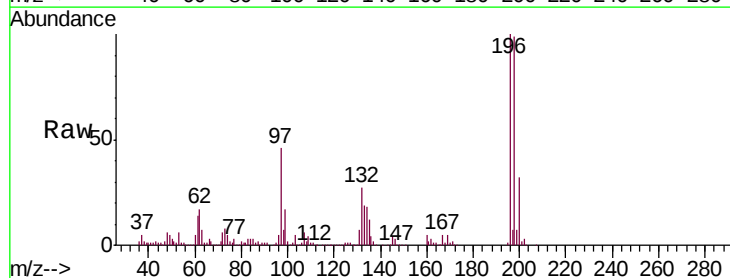
Instrument :
 BNA_M
 ClientSampleId :
 PB116441BS

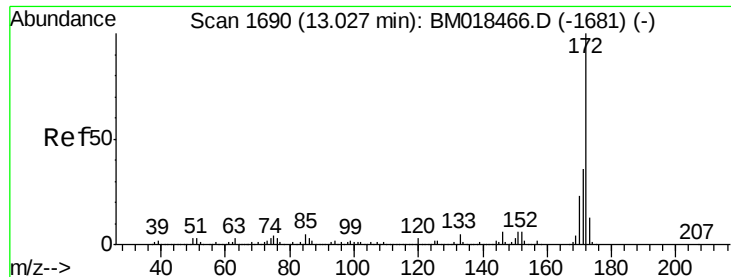
Tgt Ion:196 Resp: 491869
 Ion Ratio Lower Upper
 196 100
 198 98.0 76.6 115.0
 200 31.1 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 41.540 ng
 RT: 12.89 min Scan# 1666
 Delta R.T. -0.04 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Tgt Ion:196 Resp: 500688
 Ion Ratio Lower Upper
 196 100
 198 99.4 76.7 115.1
 97 45.7 39.2 58.8
 132 27.0 22.3 33.5

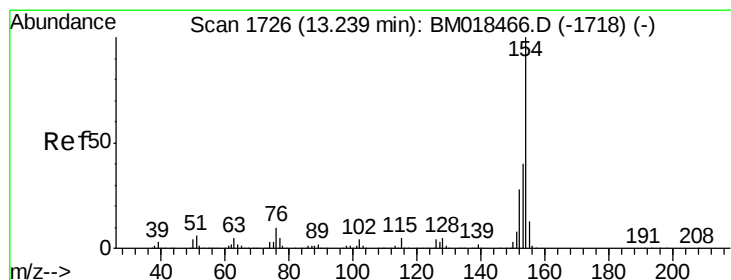
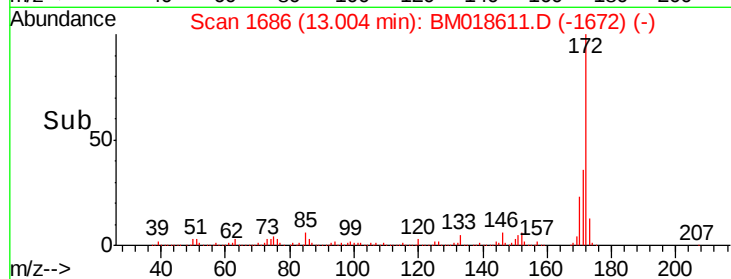
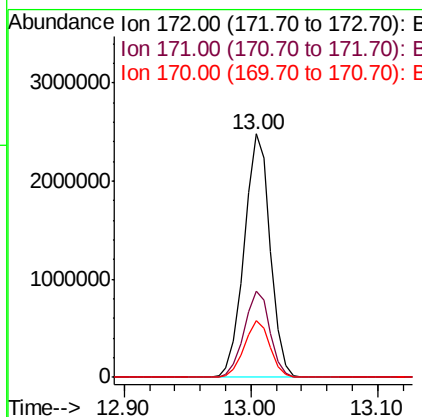
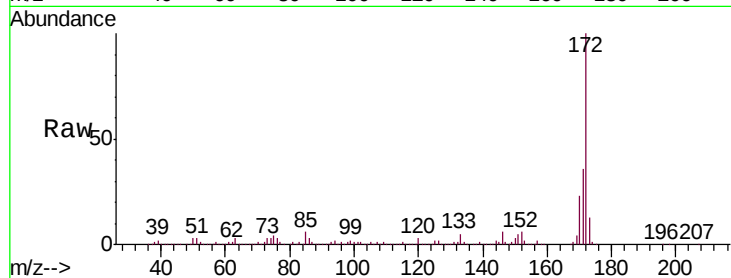




#45
 2-Fluorobiphenyl
 Concen: 84.961 ng
 RT: 13.00 min Scan# 1686
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

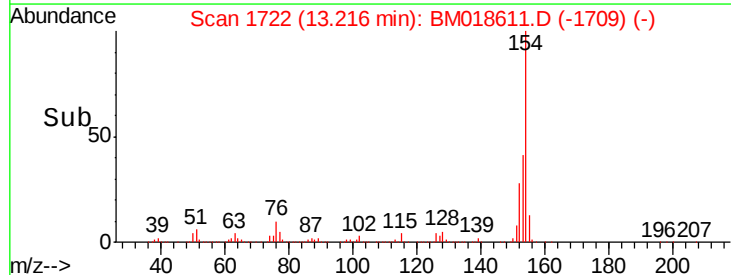
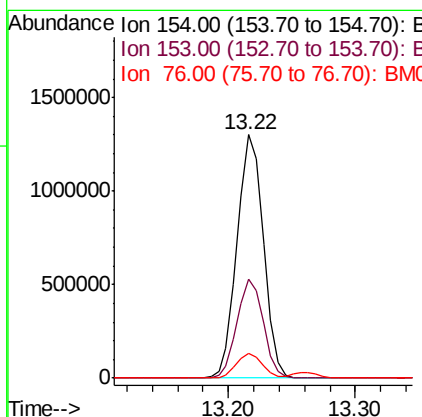
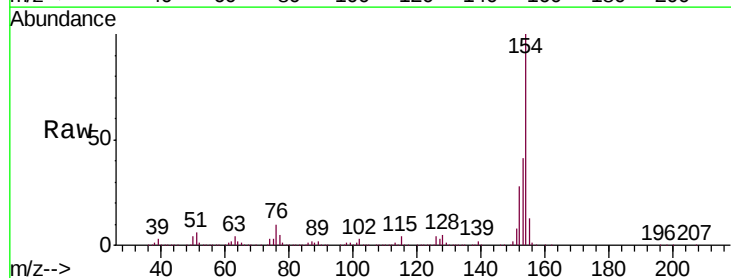
Instrument :
 BNA_M
 ClientSampleId :
 PB116441BS

Tgt Ion:172 Resp: 3513964
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.2 42.4
 170 23.2 18.9 28.3



#46
 1,1'-Biphenyl
 Concen: 39.601 ng
 RT: 13.22 min Scan# 1722
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Tgt Ion:154 Resp: 1866113
 Ion Ratio Lower Upper
 154 100
 153 40.9 20.5 60.5
 76 10.3 0.0 31.9

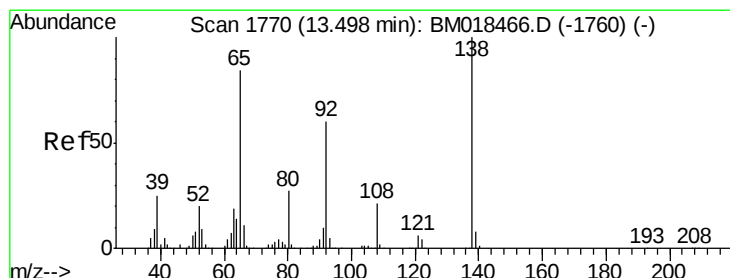
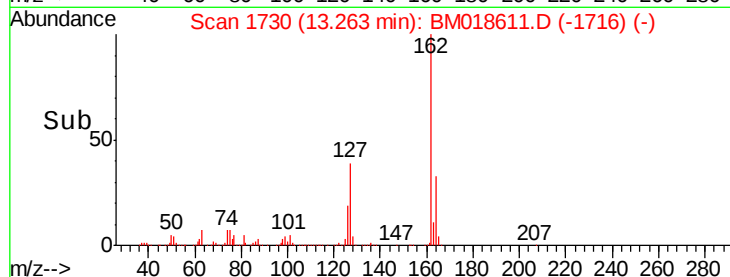
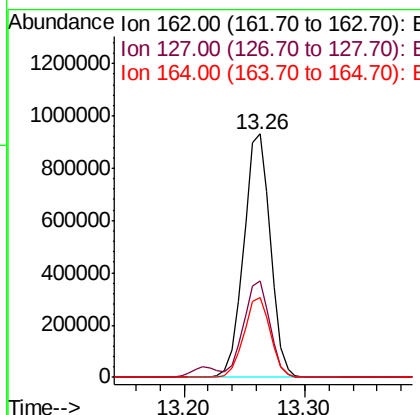
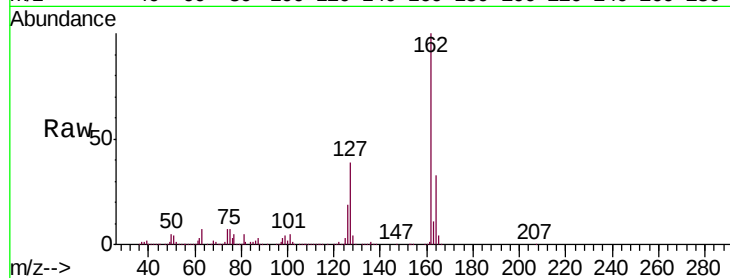




#47
 2-Chloronaphthalene
 Concen: 39.307 ng
 RT: 13.26 min Scan# 1730
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

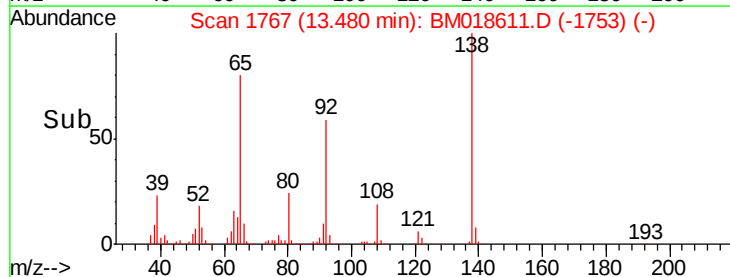
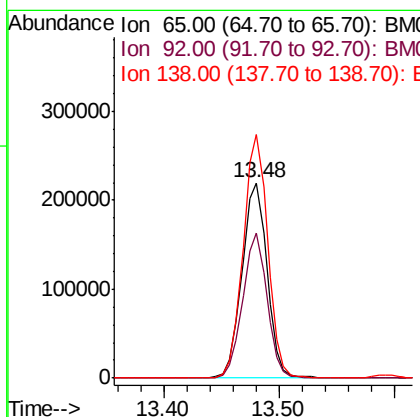
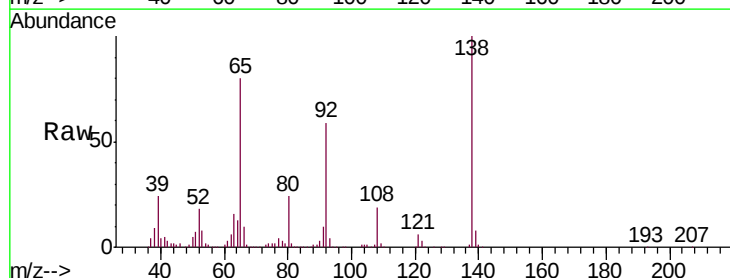
Instrument :
 BNA_M
 ClientSampleId :
 PB116441BS

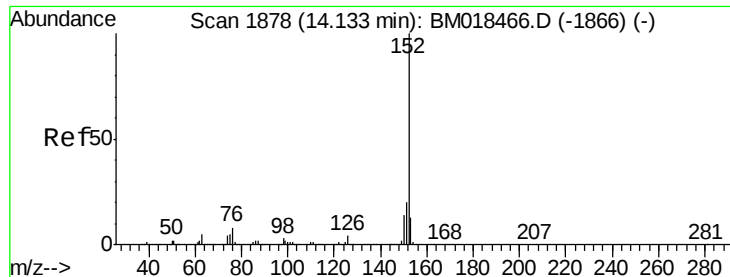
Tgt Ion: 162 Resp: 1436335
 Ion Ratio Lower Upper
 162 100
 127 39.5 31.4 47.0
 164 32.8 26.2 39.4



#48
 2-Nitroaniline
 Concen: 36.714 ng
 RT: 13.48 min Scan# 1767
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Tgt Ion: 65 Resp: 330064
 Ion Ratio Lower Upper
 65 100
 92 74.0 53.4 80.2
 138 124.5 88.9 133.3





#49

Acenaphthylene

Concen: 41.488 ng

RT: 14.11 min Scan# 1874

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

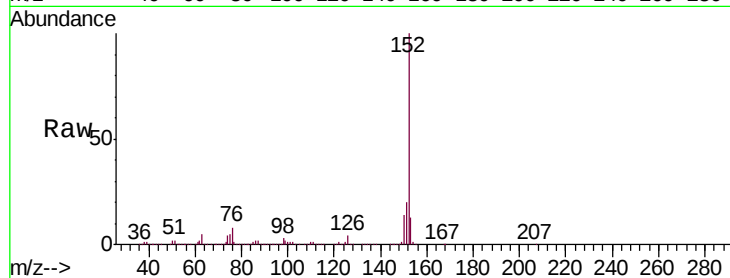
Tgt Ion:152 Resp: 2209381

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

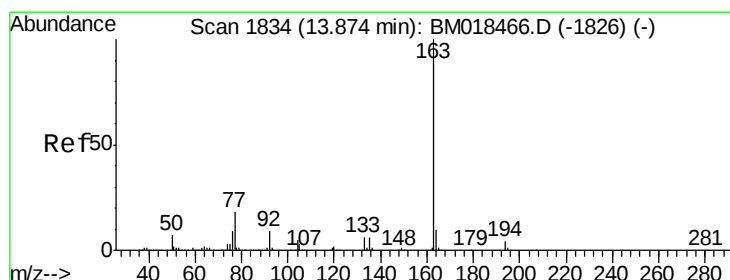
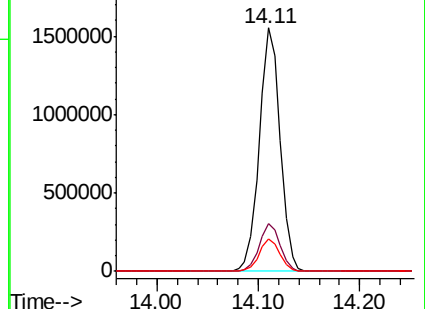
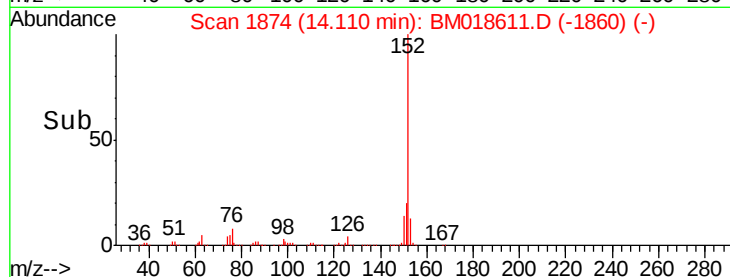
153 13.1 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.910 ng

RT: 13.85 min Scan# 1830

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

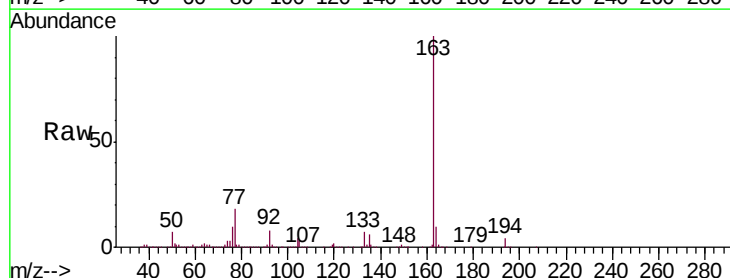
Tgt Ion:163 Resp: 1680307

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

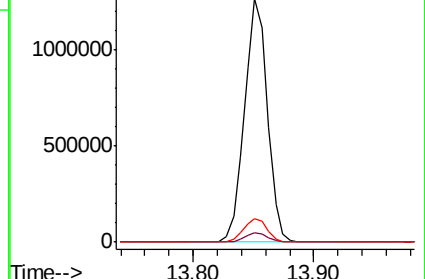
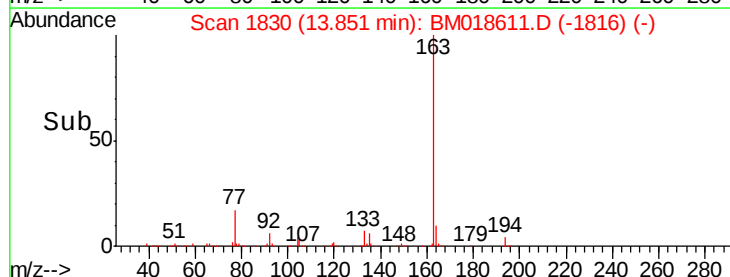
164 9.8 7.8 11.8

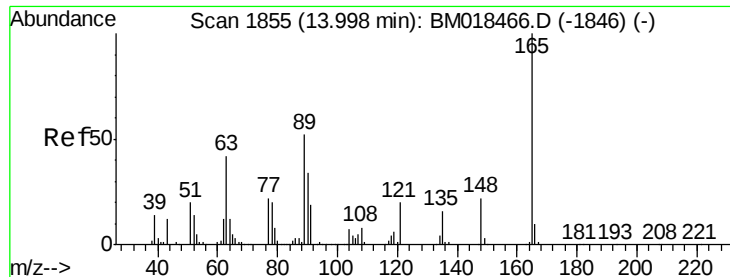


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

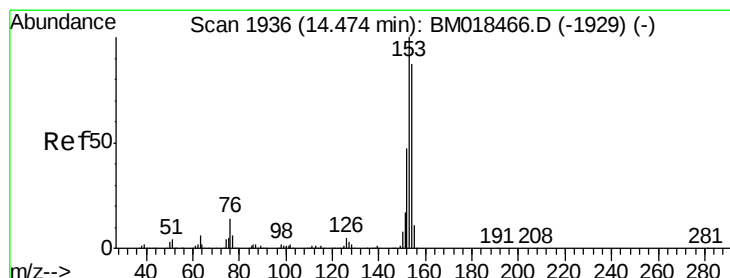
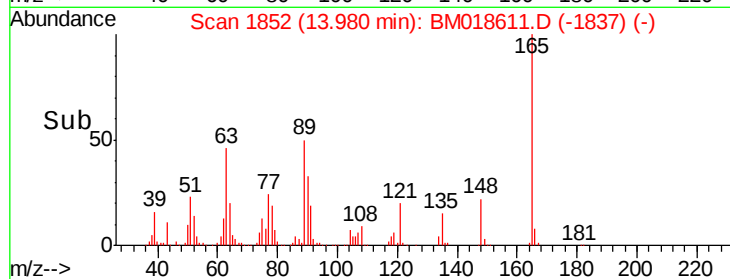
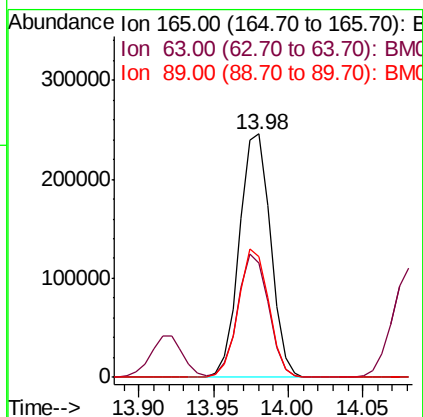
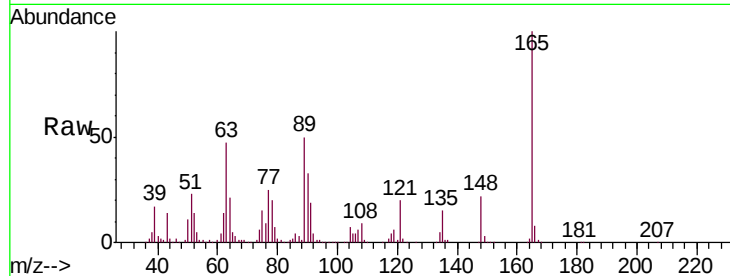




#51
2,6-Dinitrotoluene
Concen: 38.070 ng
RT: 13.98 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

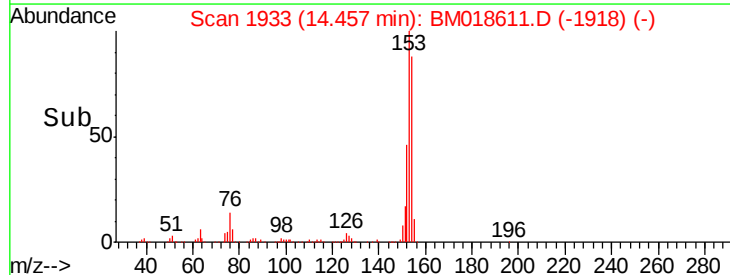
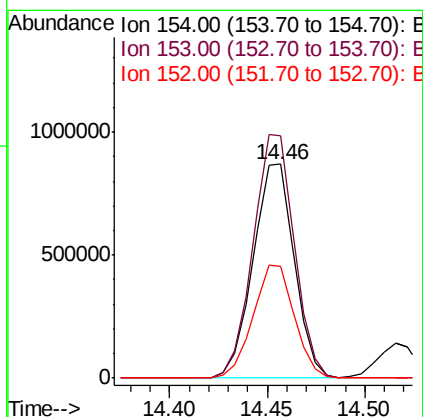
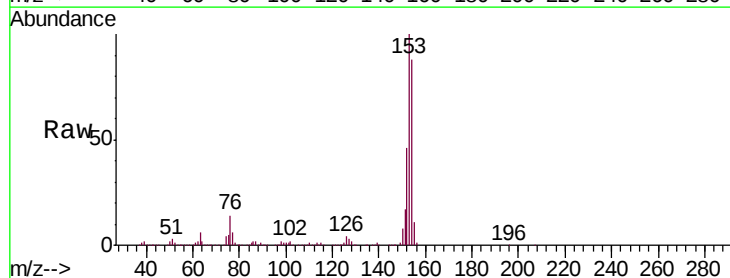
Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tgt Ion	Ratio	Lower	Upper
165	100		
63	47.0	45.6	68.4
89	49.8	44.6	66.8



#52
Acenaphthene
Concen: 39.133 ng
RT: 14.46 min Scan# 1933
Delta R.T. -0.01 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.2	92.3	138.5
152	52.5	43.8	65.6

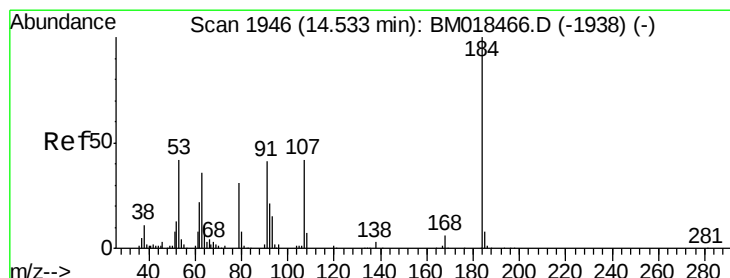
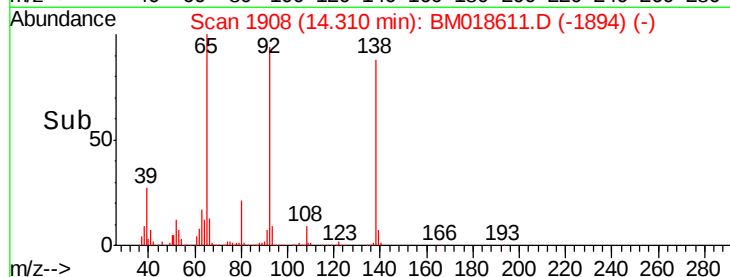
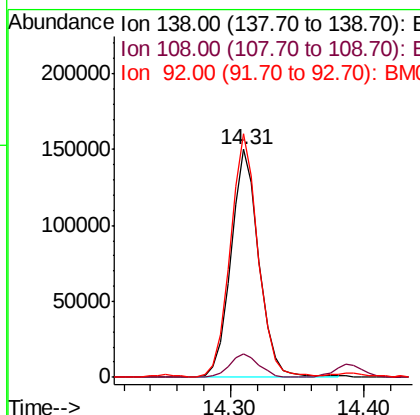
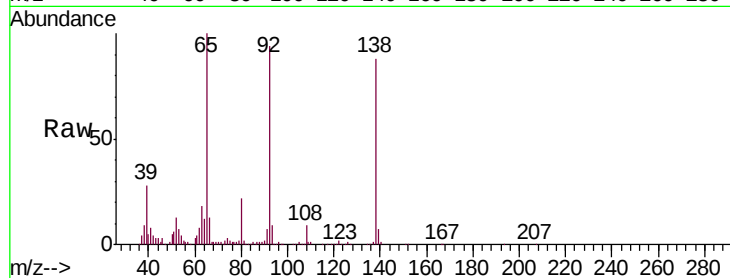




#53
3-Nitroaniline
Concen: 23.208 ng
RT: 14.31 min Scan# 1908
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

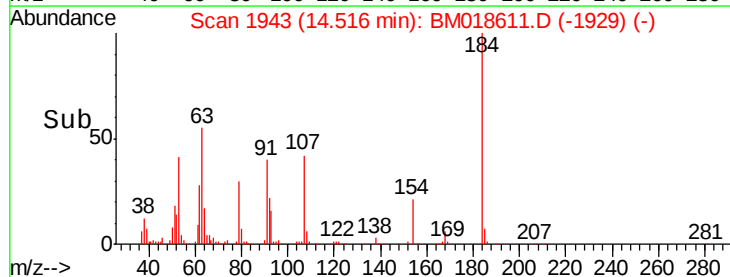
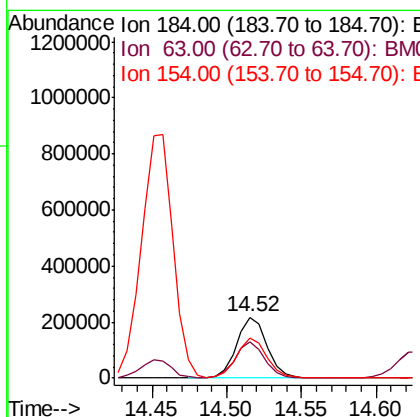
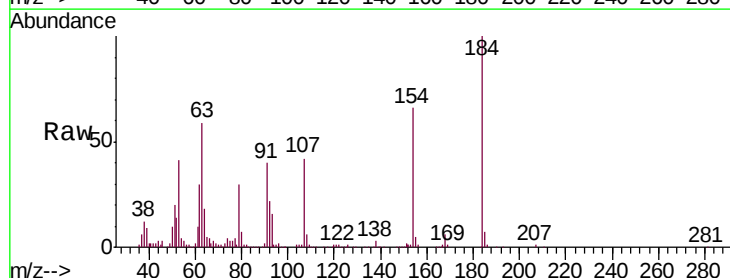
Instrument :
BNA_M
ClientSampleId :
PB116441BS

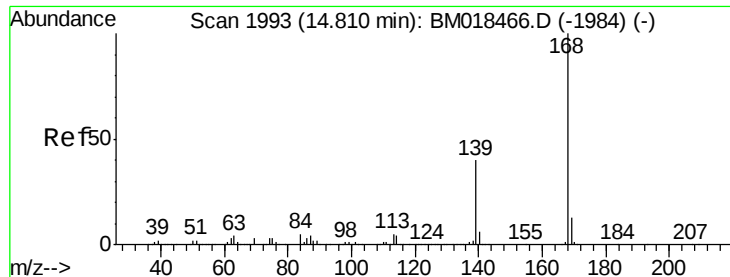
Tgt Ion:138 Resp: 219673
Ion Ratio Lower Upper
138 100
108 10.5 9.1 13.7
92 107.0 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 62.815 ng
RT: 14.52 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion:184 Resp: 310618
Ion Ratio Lower Upper
184 100
63 59.3 55.9 83.9
154 66.0 54.2 81.4

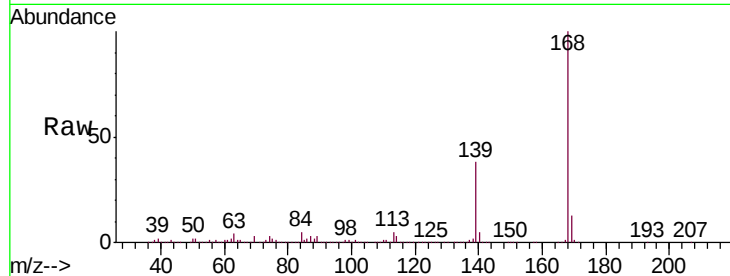




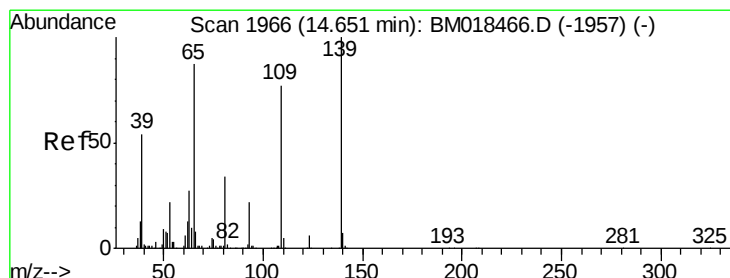
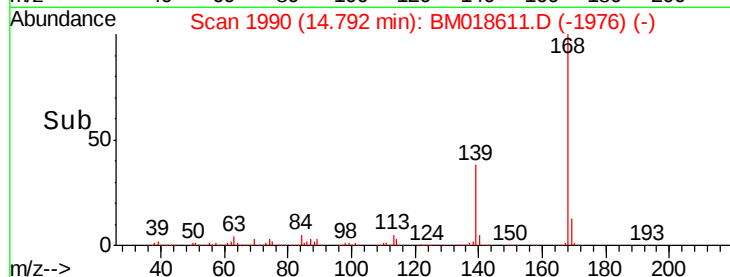
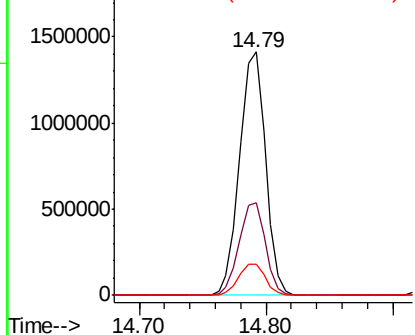
#55
Dibenzofuran
Concen: 37.270 ng
RT: 14.79 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tgt Ion:168 Resp: 2006526
Ion Ratio Lower Upper
168 100
139 38.2 30.3 45.5
169 13.0 10.6 16.0

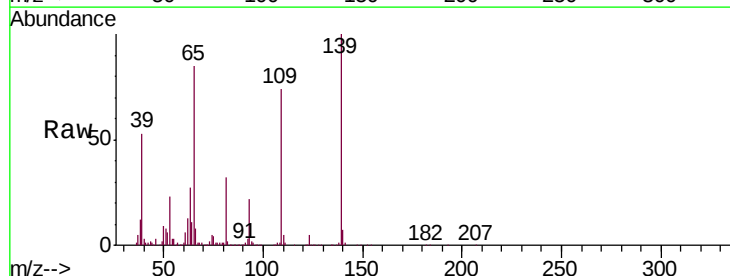


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

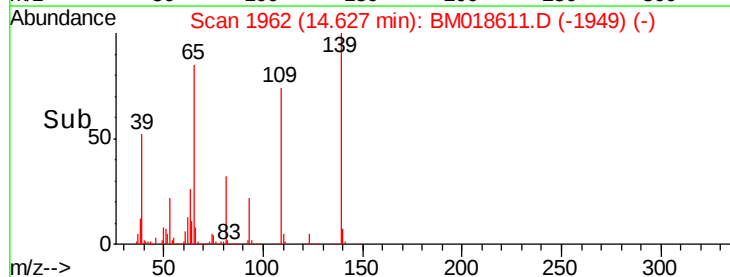
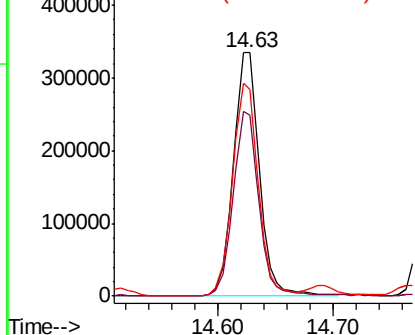


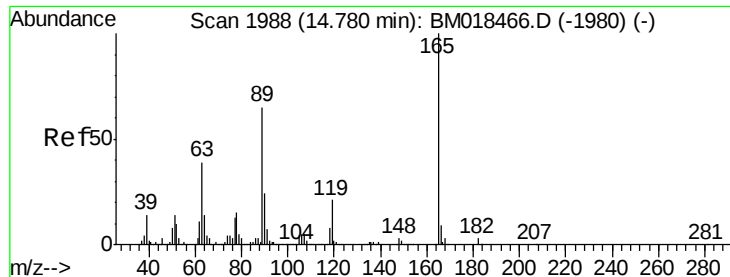
#56
4-Nitrophenol
Concen: 64.103 ng
RT: 14.63 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion:139 Resp: 524176
Ion Ratio Lower Upper
139 100
109 74.3 51.7 91.7
65 85.0 71.4 111.4



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

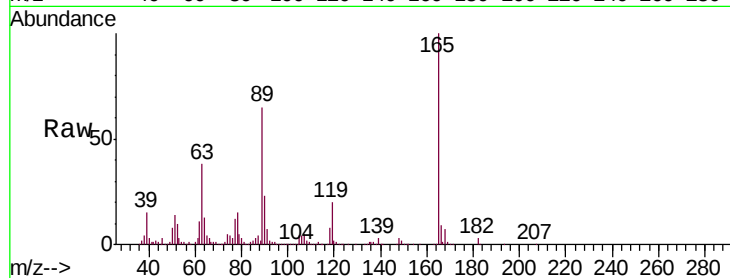




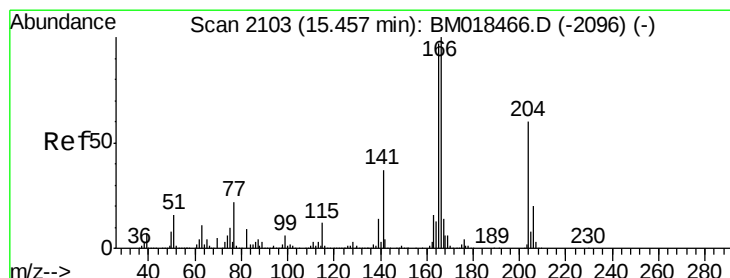
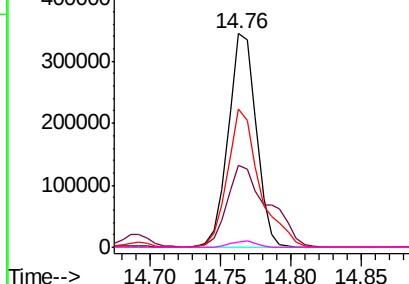
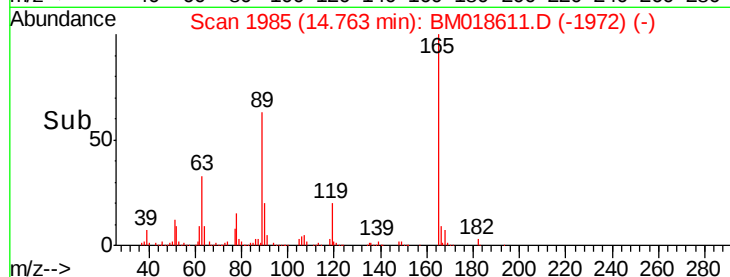
#57
2,4-Dinitrotoluene
Concen: 35.722 ng
RT: 14.76 min Scan# 1985
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tgt Ion:165 Resp: 474524
Ion Ratio Lower Upper
165 100
63 38.2 32.2 48.2
89 64.7 52.1 78.1
182 2.7 2.5 3.7

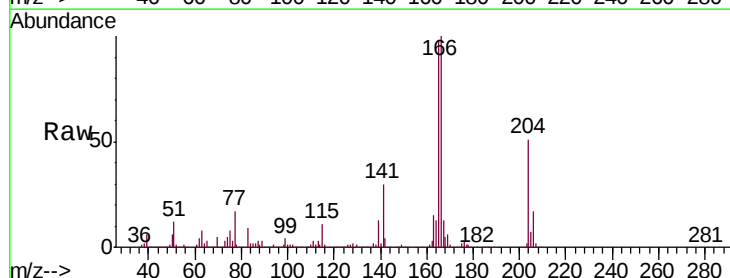


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM
Ion 89.00 (88.70 to 89.70): BM
Ion 182.00 (181.70 to 182.70): E

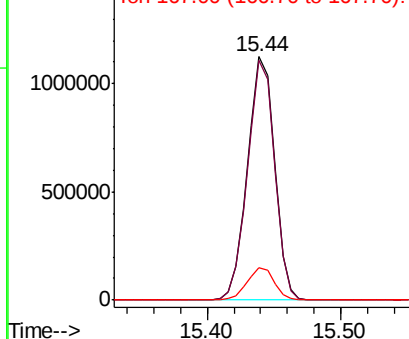
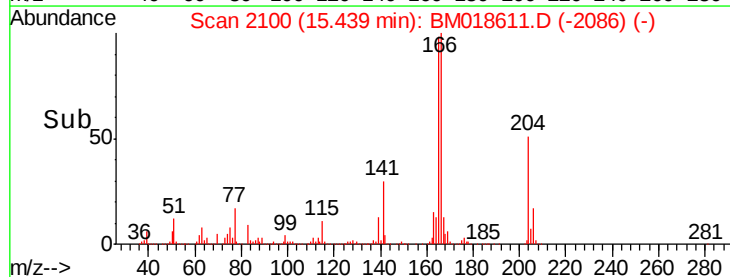


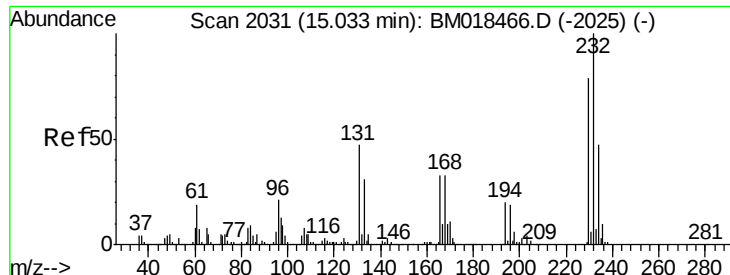
#58
Fluorene
Concen: 39.178 ng
RT: 15.44 min Scan# 2100
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion:166 Resp: 1571221
Ion Ratio Lower Upper
166 100
165 98.4 78.3 117.5
167 13.3 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

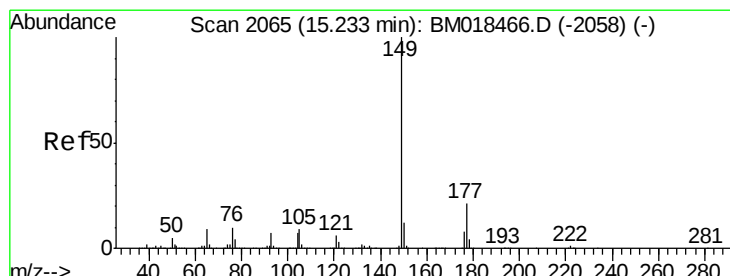
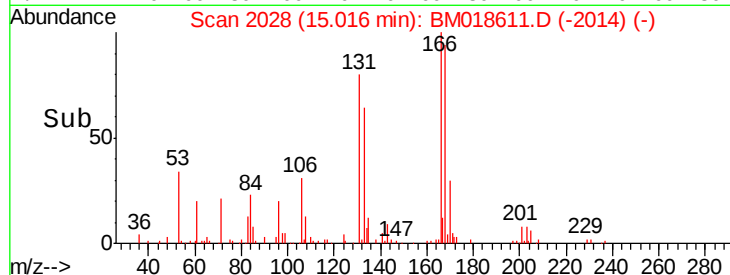
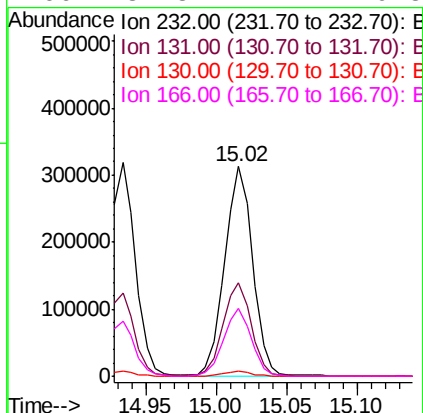
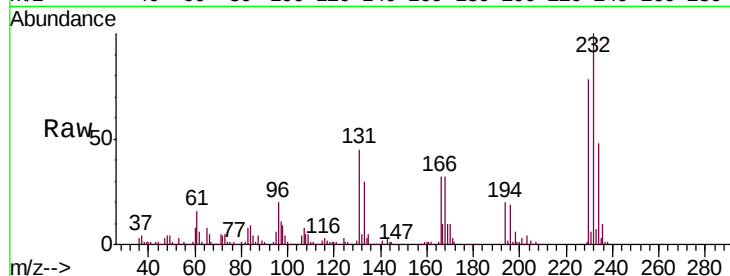




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.125 ng
RT: 15.02 min Scan# 2028
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

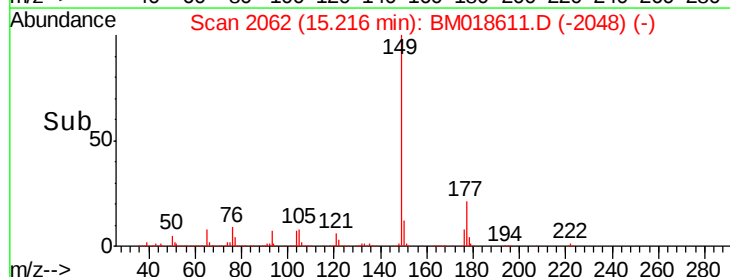
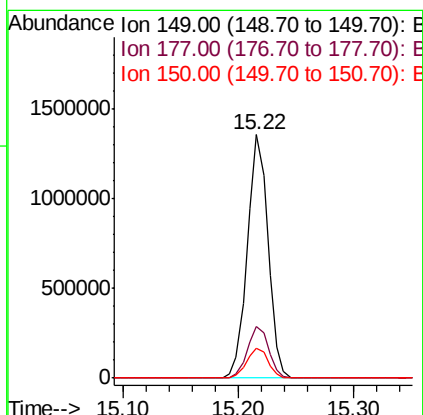
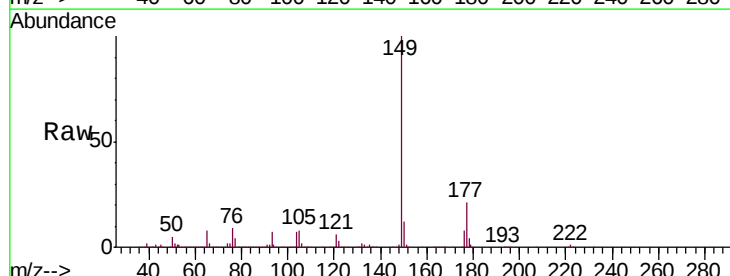
Instrument :
BNA_M
ClientSampleId :
PB116441BS

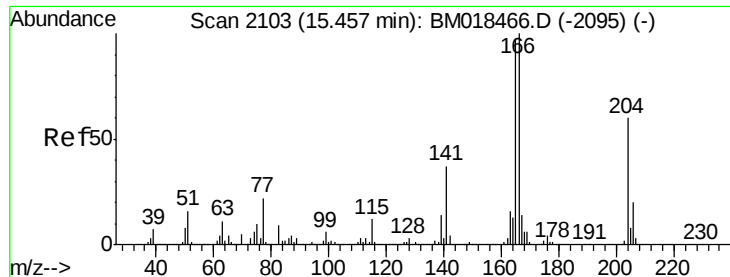
Tgt Ion:	232	Resp:	428685
Ion	Ratio	Lower	Upper
232	100		
131	44.8	38.6	57.8
130	2.5	2.2	3.4
166	31.8	27.2	40.8



#60
Diethylphthalate
Concen: 37.716 ng
RT: 15.22 min Scan# 2062
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion:	149	Resp:	1687620
Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.1	25.7
150	12.5	9.8	14.6

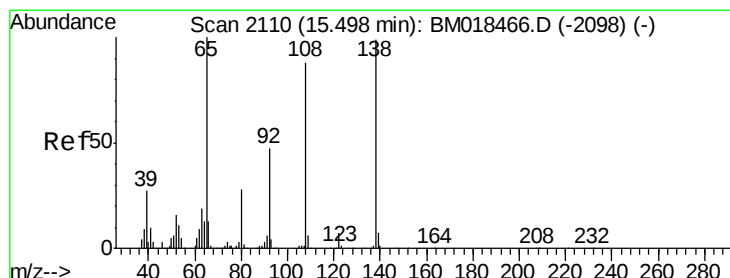
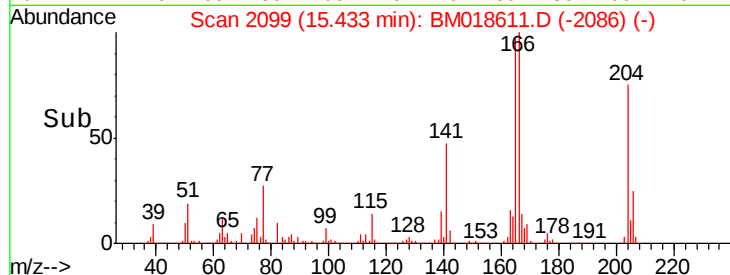
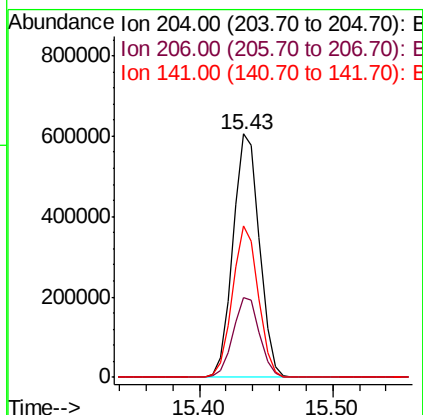
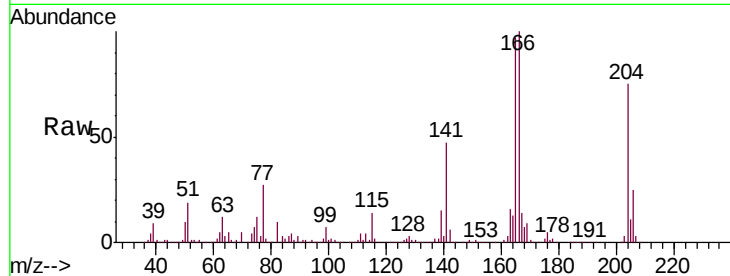




#61
 4-Chlorophenyl-phenylether
 Concen: 36.089 ng
 RT: 15.43 min Scan# 2099
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

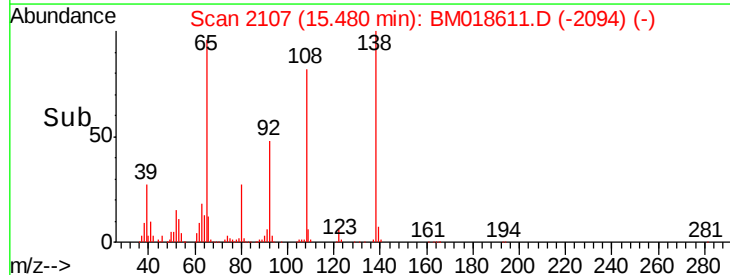
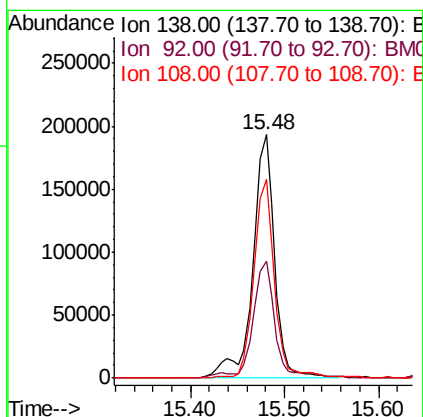
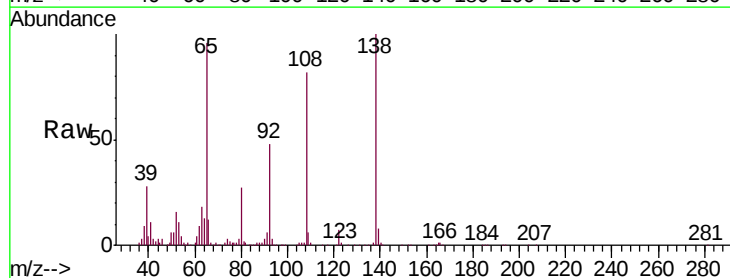
Instrument :
 BNA_M
 ClientSampleId :
 PB116441BS

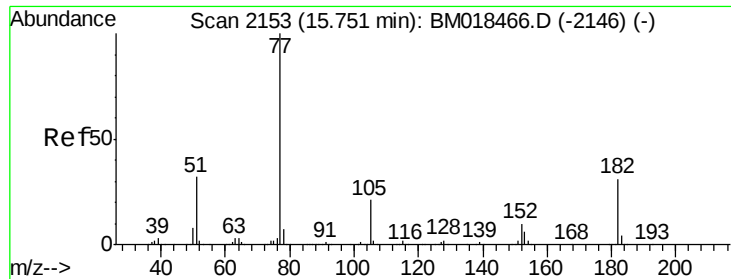
Tgt Ion:204 Resp: 834176
 Ion Ratio Lower Upper
 204 100
 206 32.9 25.8 38.6
 141 62.0 49.5 74.3



#62
 4-Nitroaniline
 Concen: 30.243 ng
 RT: 15.48 min Scan# 2107
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Tgt Ion:138 Resp: 312235
 Ion Ratio Lower Upper
 138 100
 92 47.9 29.0 69.0
 108 81.8 63.9 103.9





#63

Azobenzene

Concen: 35.974 ng

RT: 15.73 min Scan# 2149

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

Tgt Ion: 77 Resp: 1312375

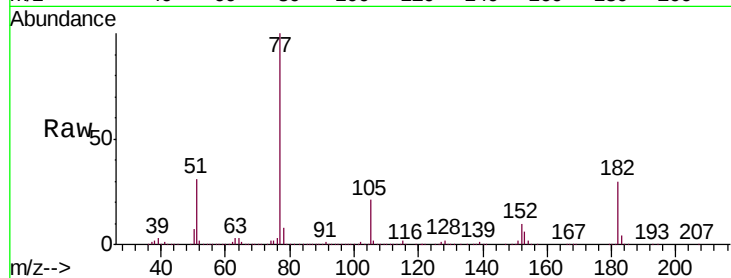
Ion Ratio Lower Upper

77 100

182 29.7 7.4 47.4

105 21.4 0.0 39.6

51 31.0 12.0 52.0

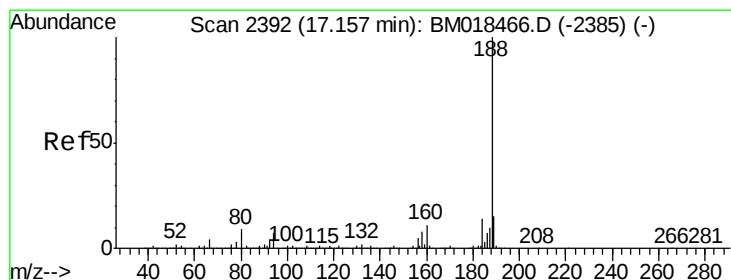
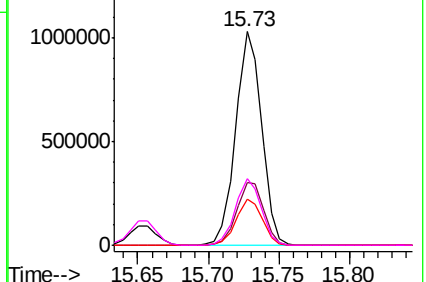
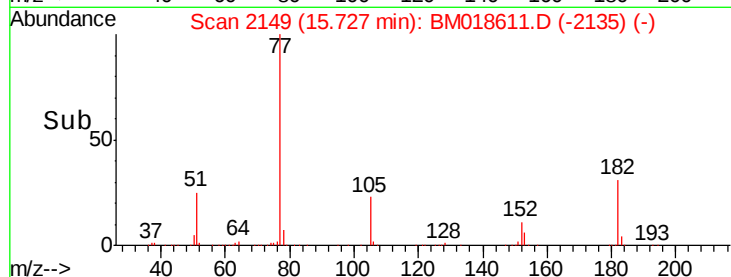


Abundance Ion 77.00 (76.70 to 77.70): BM018611.D (-2135) (-)

Ion 182.00 (181.70 to 182.70): BM018611.D (-2135) (-)

Ion 105.00 (104.70 to 105.70): BM018611.D (-2135) (-)

Ion 51.00 (50.70 to 51.70): BM018611.D (-2135) (-)



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.14 min Scan# 2389

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

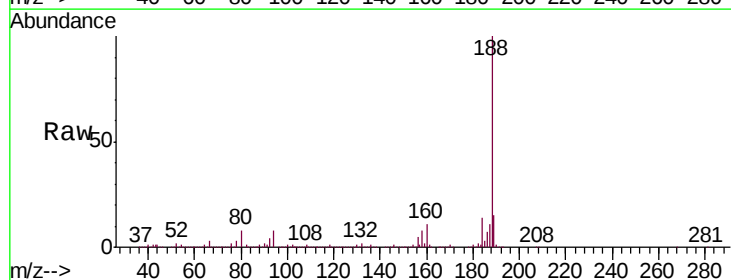
Tgt Ion: 188 Resp: 1033288

Ion Ratio Lower Upper

188 100

94 8.0 7.1 10.7

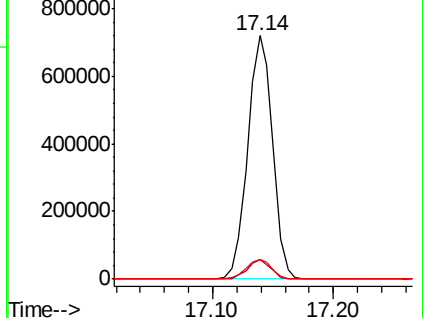
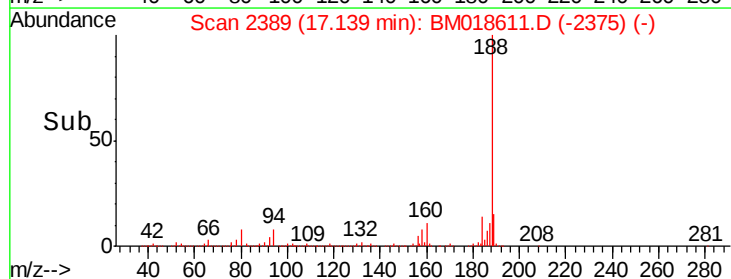
80 8.0 7.6 11.4

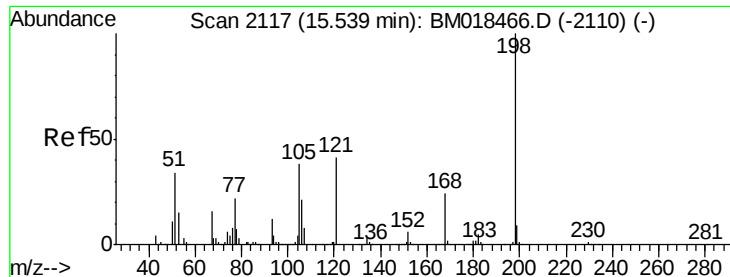


Abundance Ion 188.00 (187.70 to 188.70): BM018611.D (-2375) (-)

Ion 94.00 (93.70 to 94.70): BM018611.D (-2375) (-)

Ion 80.00 (79.70 to 80.70): BM018611.D (-2375) (-)

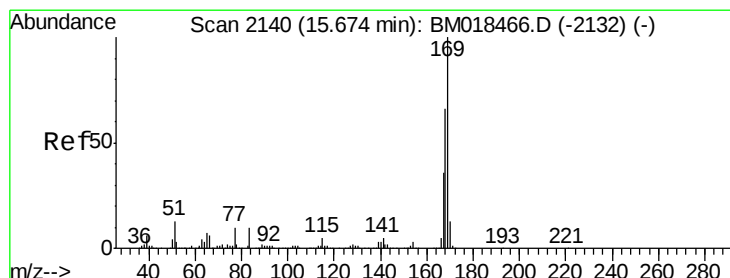
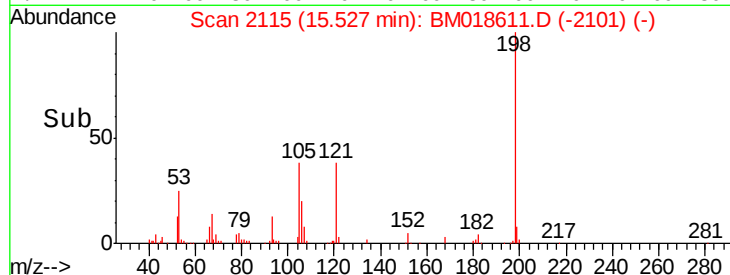
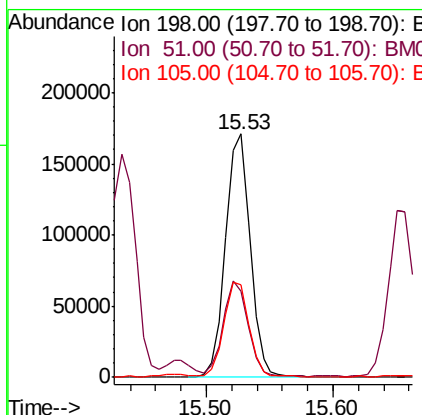
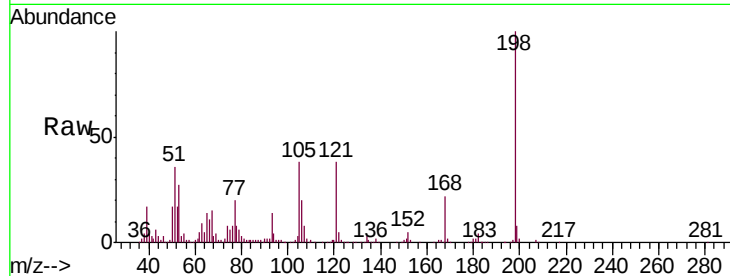




#65
 4,6-Dinitro-2-methylphenol
 Concen: 36.571 ng
 RT: 15.53 min Scan# 2115
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

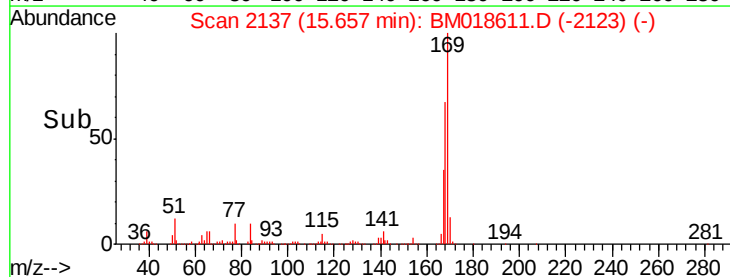
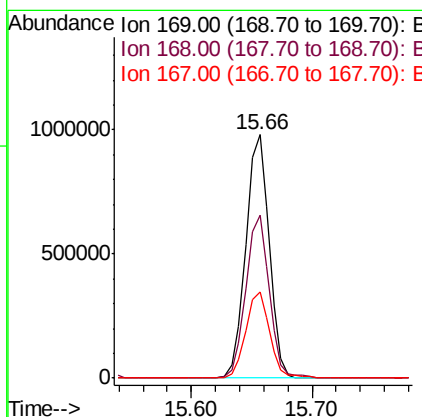
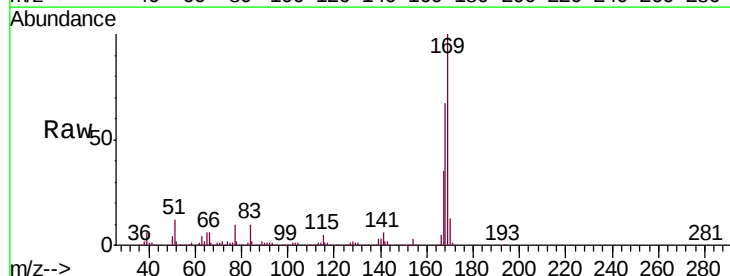
Instrument :
 BNA_M
 ClientSampleId :
 PB116441BS

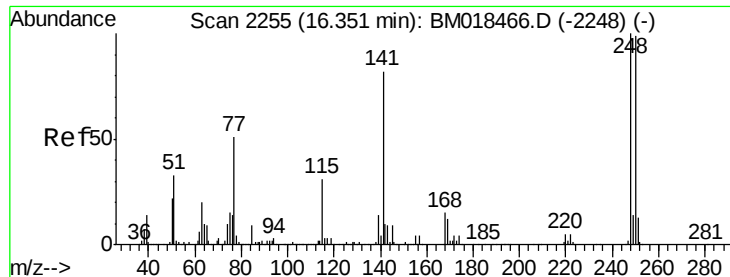
Tgt Ion	Ratio	Lower	Upper
198	100		
51	35.6	29.6	69.6
105	38.1	25.5	65.5



#66
 n-Nitrosodiphenylamine
 Concen: 41.491 ng
 RT: 15.66 min Scan# 2137
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.7	54.1	81.1
167	35.3	28.6	42.8

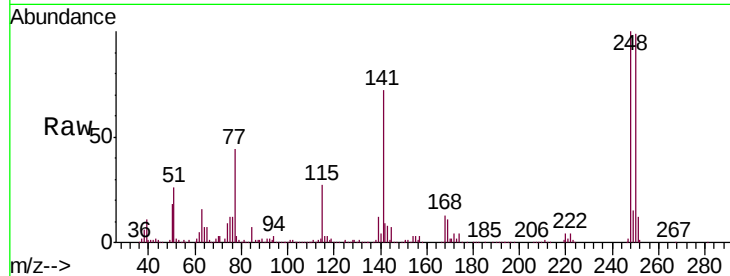




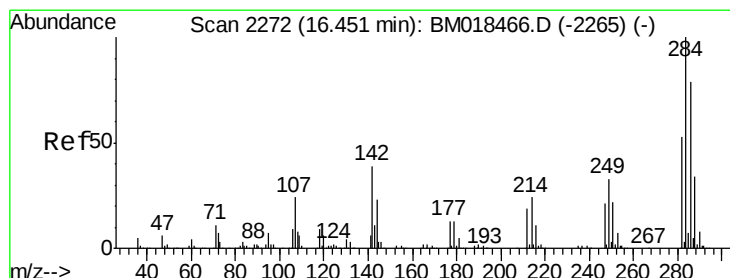
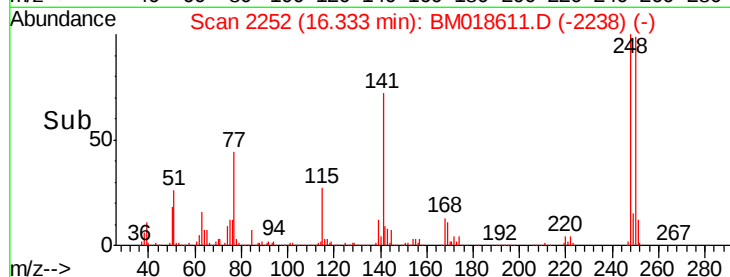
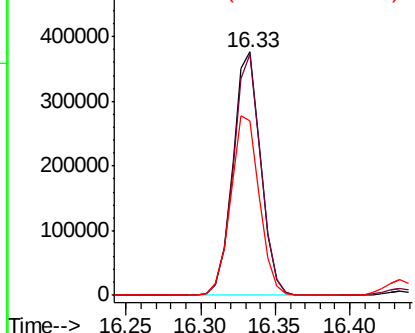
#67
4-Bromophenyl-phenylether
Concen: 42.471 ng
RT: 16.33 min Scan# 2252
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Instrument :
BNA_M
ClientSampleId :
PB116441BS

Tgt Ion:248 Resp: 491100
Ion Ratio Lower Upper
248 100
250 98.8 76.0 114.0
141 71.5 61.5 92.3

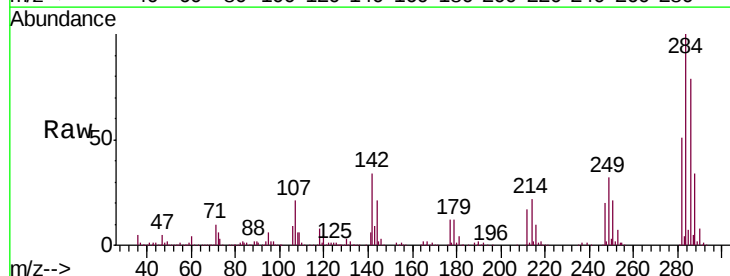


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

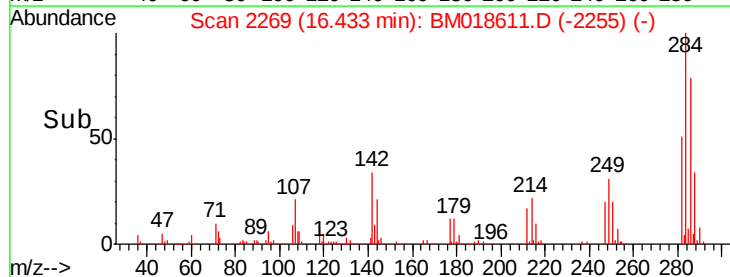
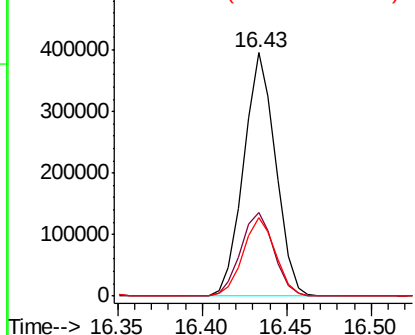


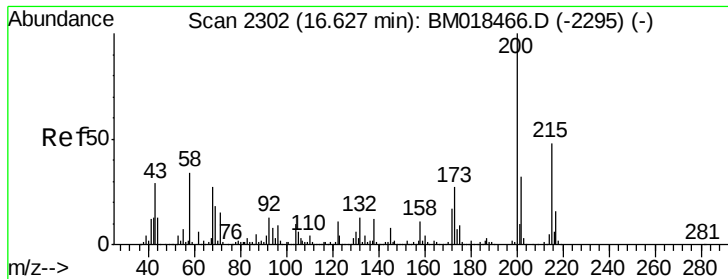
#68
Hexachlorobenzene
Concen: 40.435 ng
RT: 16.43 min Scan# 2269
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion:284 Resp: 523426
Ion Ratio Lower Upper
284 100
142 34.4 29.2 43.8
249 32.3 26.1 39.1



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.796 ng

RT: 16.61 min Scan# 2299

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

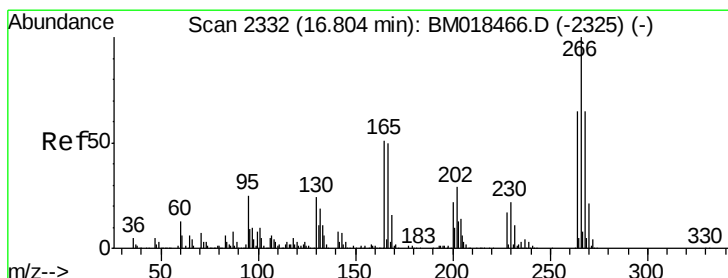
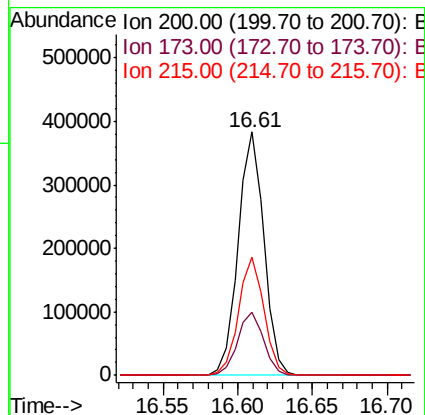
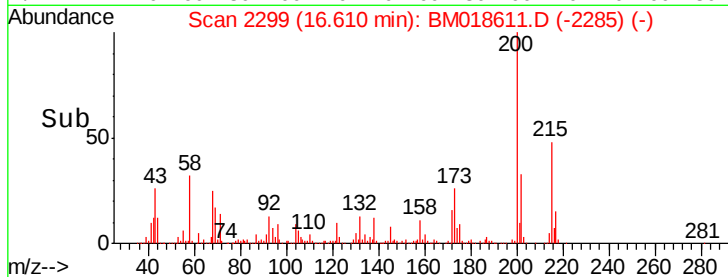
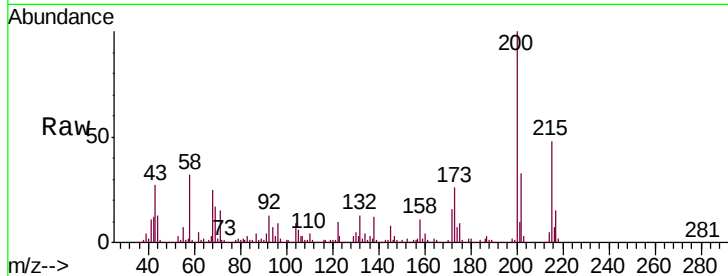
Tgt Ion:200 Resp: 461127

Ion Ratio Lower Upper

200 100

173 26.1 7.2 47.2

215 48.5 28.3 68.3



#70

Pentachlorophenol

Concen: 72.789 ng

RT: 16.79 min Scan# 2329

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

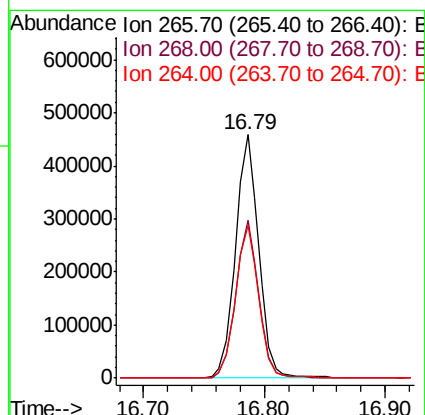
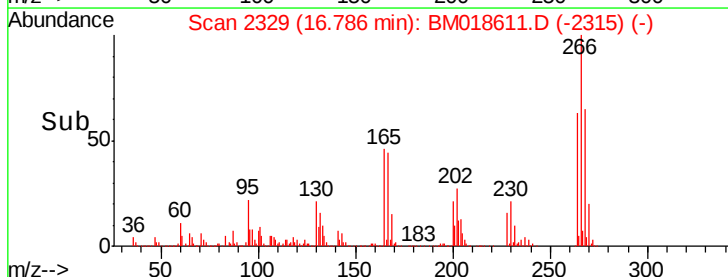
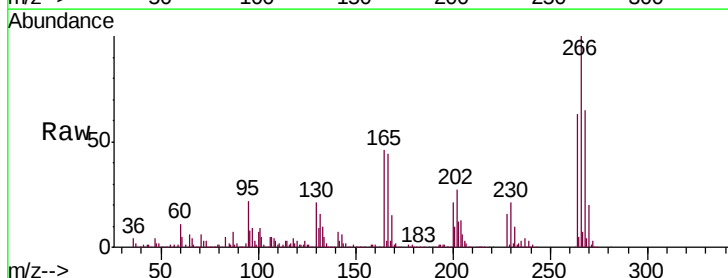
Tgt Ion:266 Resp: 617093

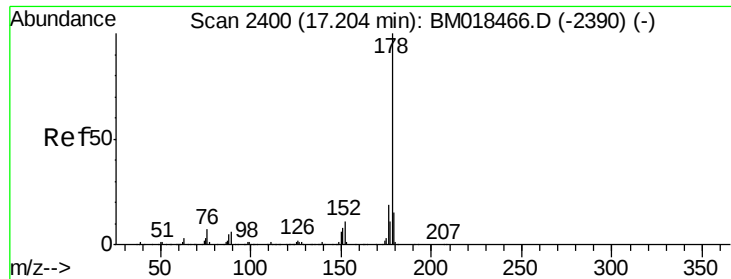
Ion Ratio Lower Upper

266 100

268 64.7 49.8 74.6

264 62.7 50.1 75.1

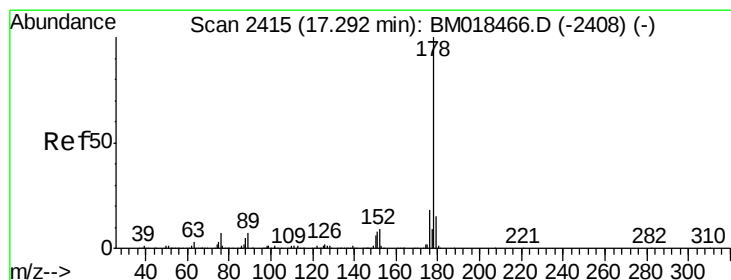
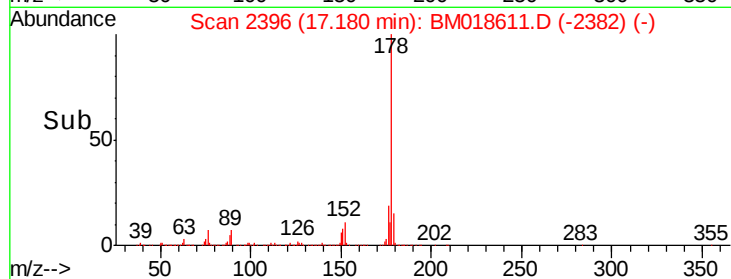
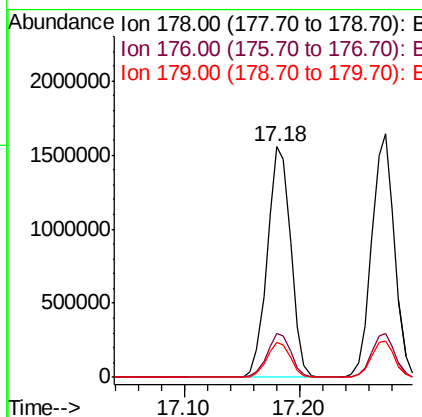
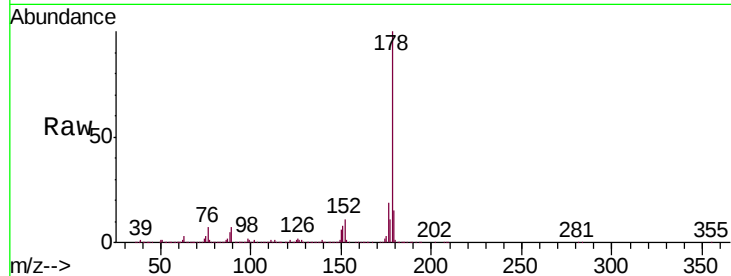




#71
Phenanthrene
Concen: 40.324 ng
RT: 17.18 min Scan# 2396
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

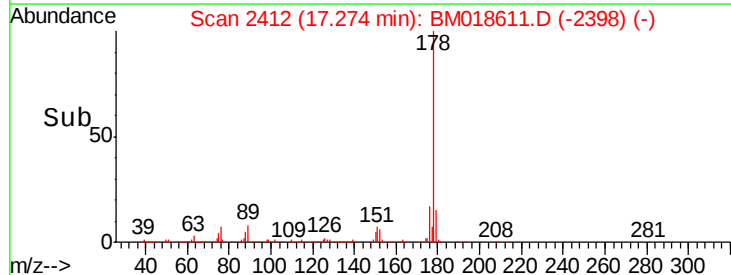
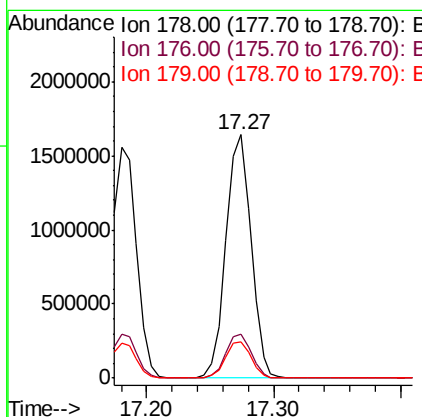
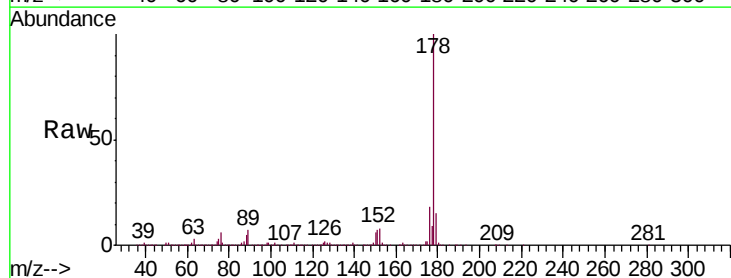
Instrument :
BNA_M
ClientSampleId :
PB116441BS

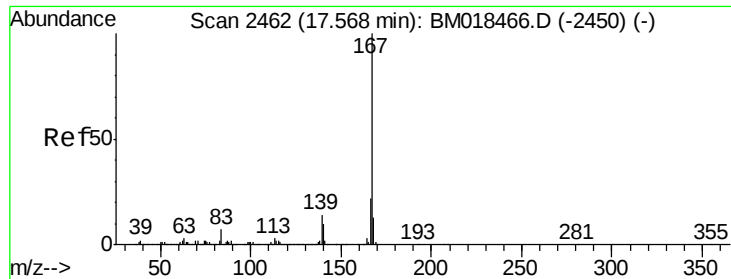
Tgt Ion:178 Resp: 2216227
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.4 12.2 18.4



#72
Anthracene
Concen: 42.638 ng
RT: 17.27 min Scan# 2412
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion:178 Resp: 2253415
Ion Ratio Lower Upper
178 100
176 18.2 14.7 22.1
179 15.1 12.2 18.4

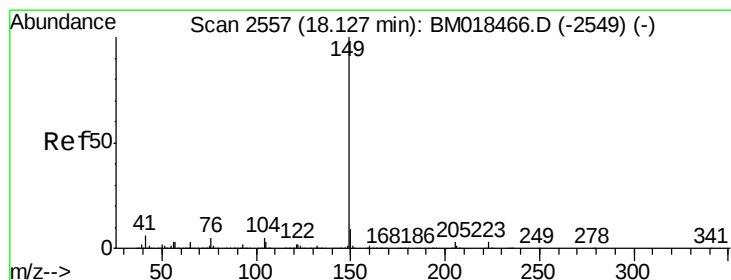
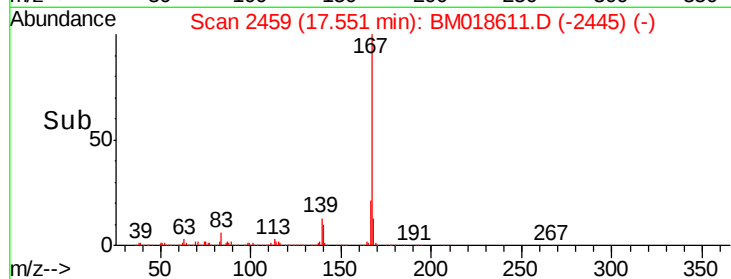
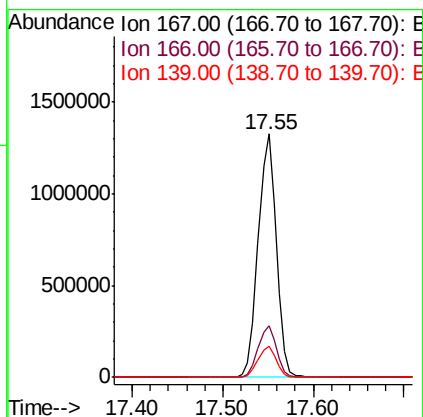
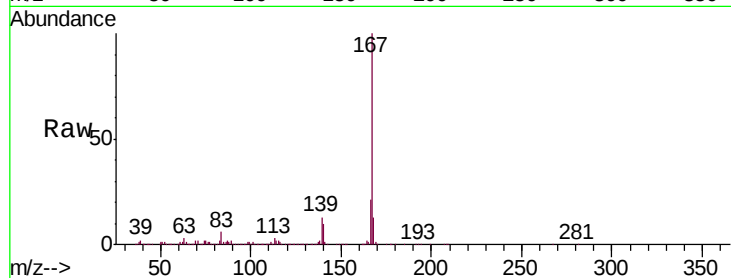




#73
 Carbazole
 Concen: 33.925 ng
 RT: 17.55 min Scan# 2459
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

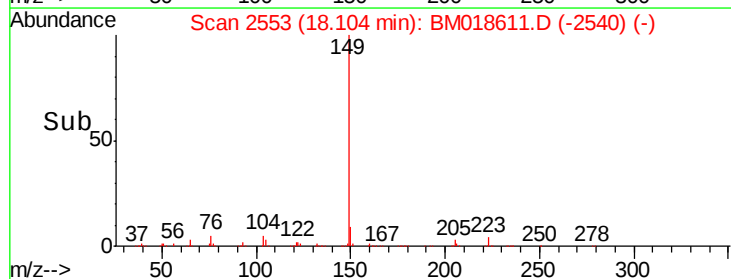
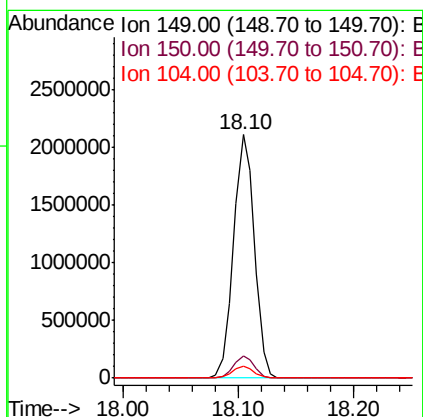
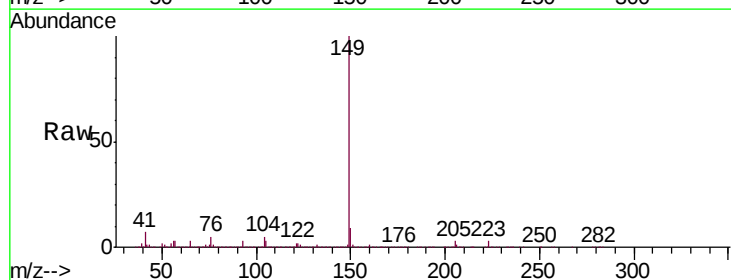
Instrument :
 BNA_M
 ClientSampleId :
 PB116441BS

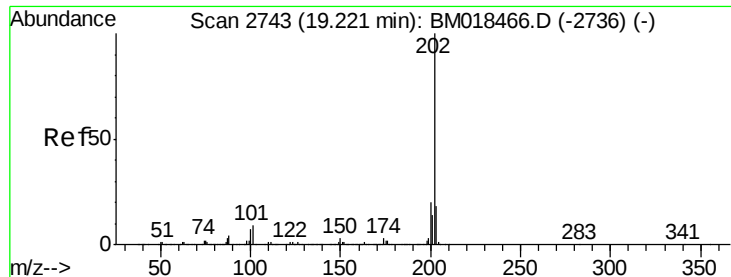
Tgt Ion:167 Resp: 1842048
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.2
 139 12.8 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 44.102 ng
 RT: 18.10 min Scan# 2553
 Delta R.T. -0.02 min
 Lab File: BM018611.D
 Acq: 17 Jan 2019 13:24

Tgt Ion:149 Resp: 2623028
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 4.9 4.2 6.4





#75

Fluoranthene

Concen: 36.496 ng

RT: 19.20 min Scan# 2740

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

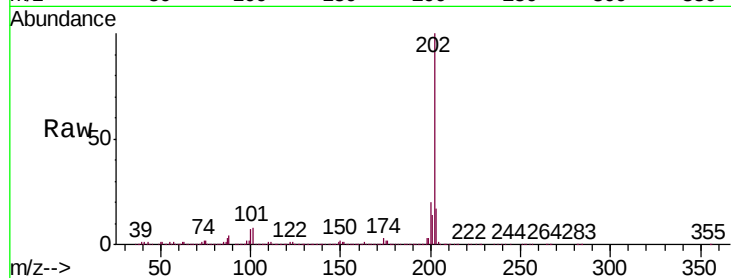
Tgt Ion:202 Resp: 2312602

Ion Ratio Lower Upper

202 100

101 8.5 0.0 30.9

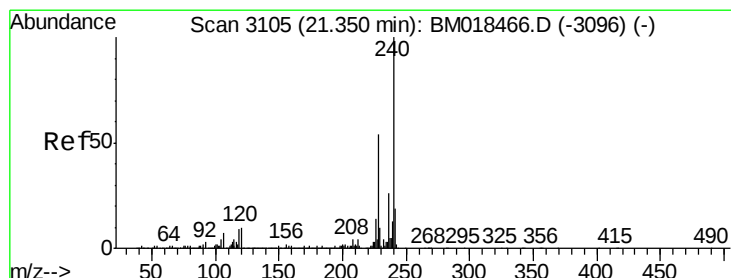
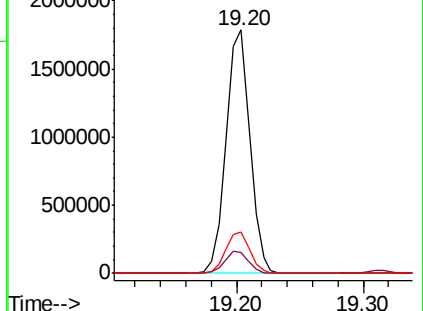
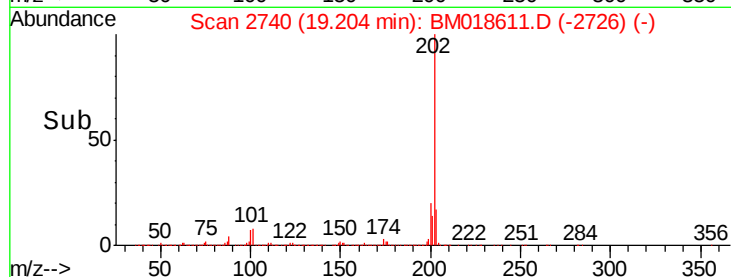
203 17.1 0.0 37.4



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: 21.33 min Scan# 3102

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

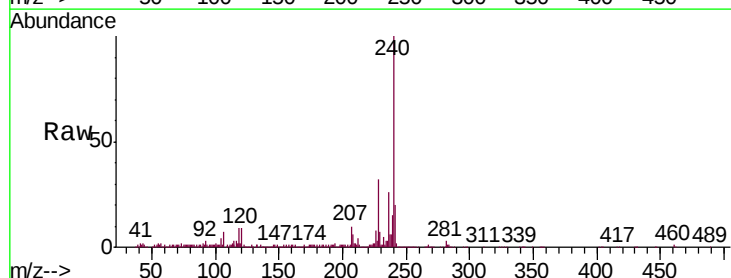
Tgt Ion:240 Resp: 915275

Ion Ratio Lower Upper

240 100

120 9.3 8.4 12.6

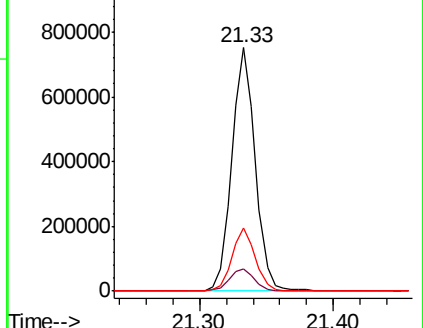
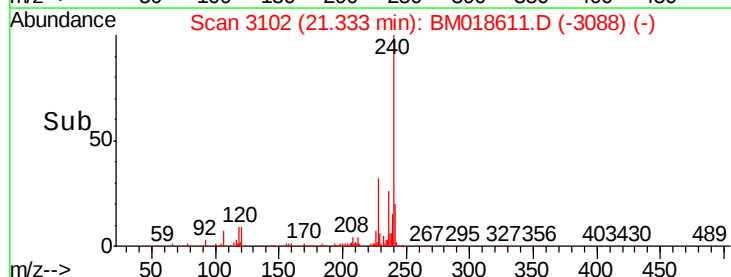
236 25.9 20.7 31.1

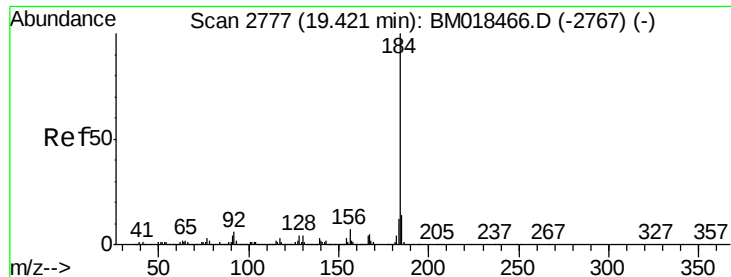


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 32.921 ng

RT: 19.40 min Scan# 2773

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

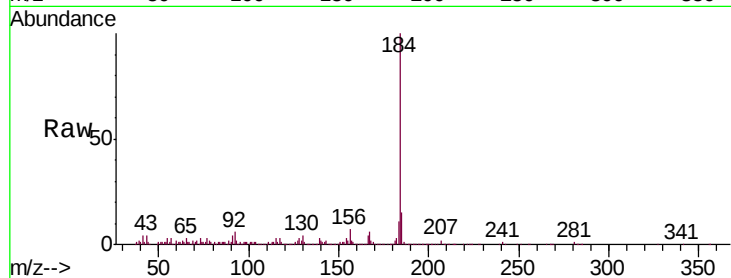
Tgt Ion:184 Resp: 743997

Ion Ratio Lower Upper

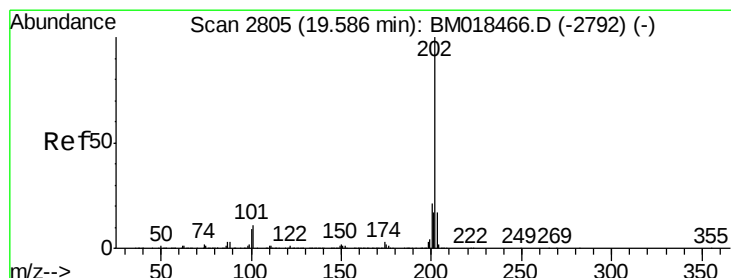
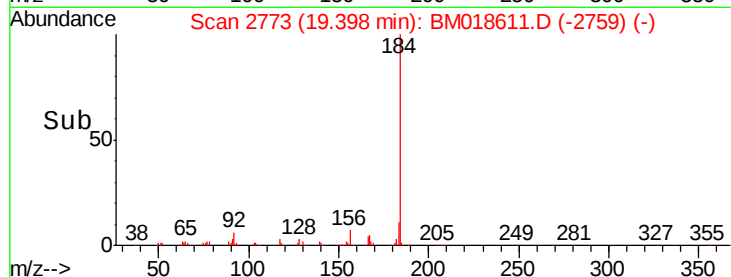
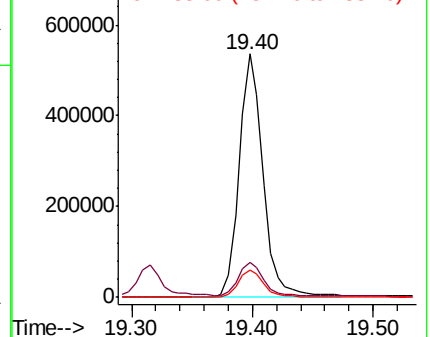
184 100

185 14.6 11.4 17.0

183 11.4 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: 42.044 ng

RT: 19.57 min Scan# 2802

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

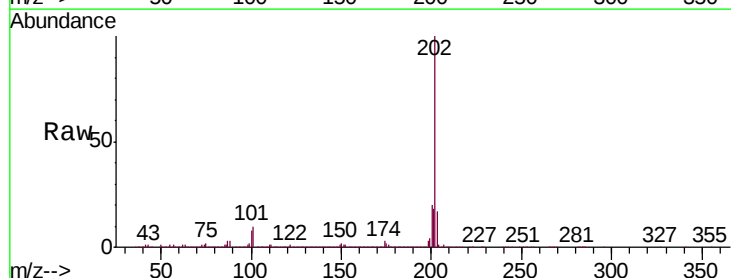
Tgt Ion:202 Resp: 2280990

Ion Ratio Lower Upper

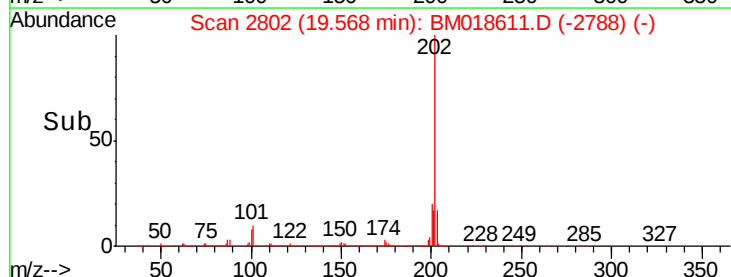
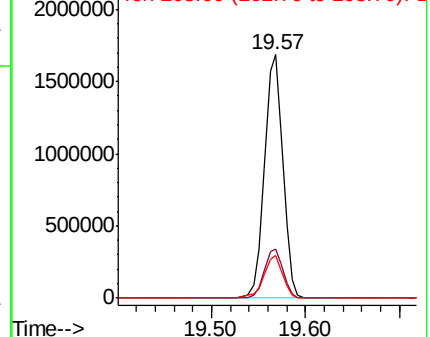
202 100

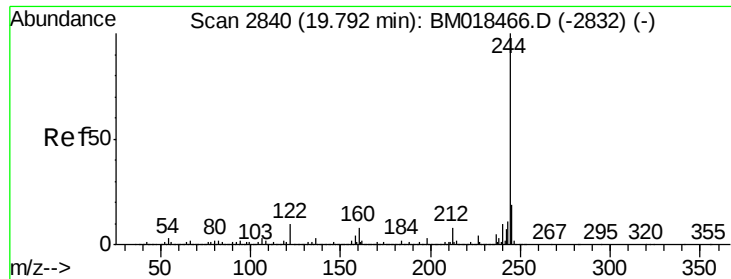
200 20.3 16.6 24.8

203 17.4 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: 95.984 ng

RT: 19.77 min Scan# 2836

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

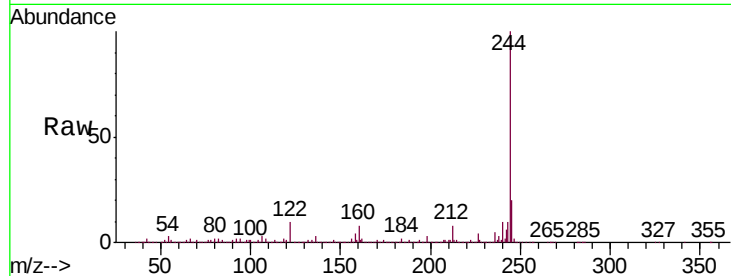
Tgt Ion:244 Resp: 4167478

Ion Ratio Lower Upper

244 100

212 7.8 5.9 8.9

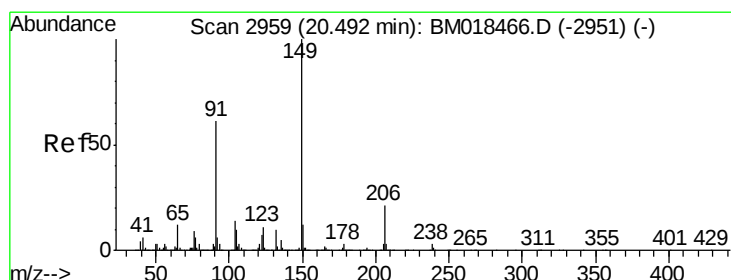
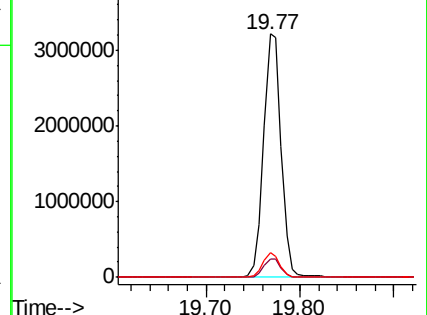
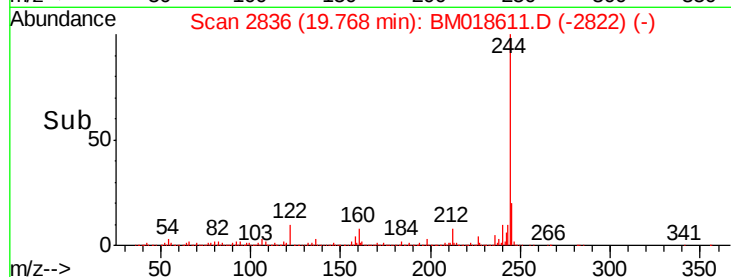
122 10.3 9.0 13.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 44.611 ng

RT: 20.47 min Scan# 2955

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

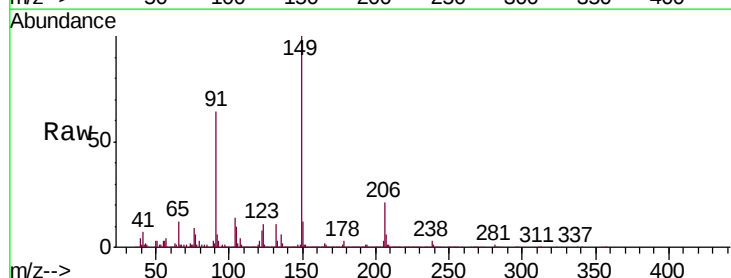
Tgt Ion:149 Resp: 1032748

Ion Ratio Lower Upper

149 100

91 63.6 53.1 79.7

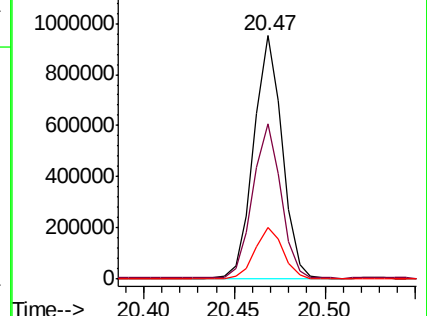
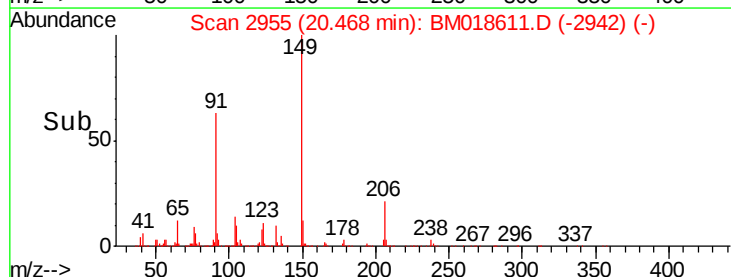
206 21.0 16.2 24.4

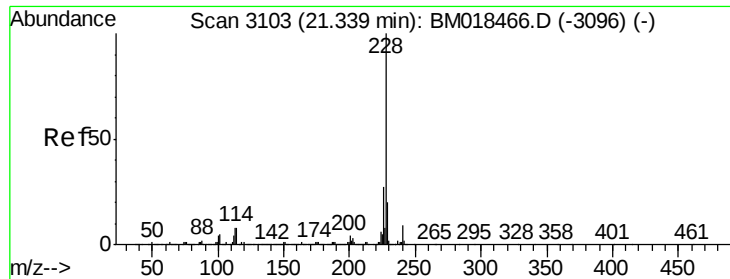


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.491 ng

RT: 21.32 min Scan# 3099

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

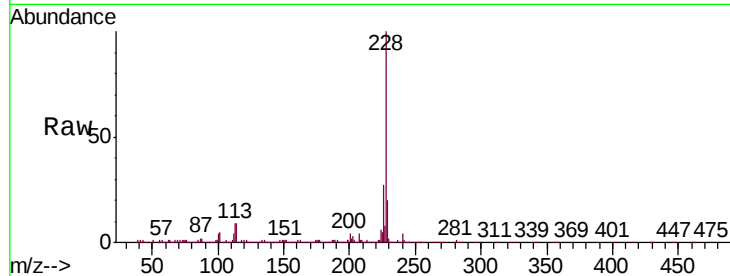
Tgt Ion:228 Resp: 2129355

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.6

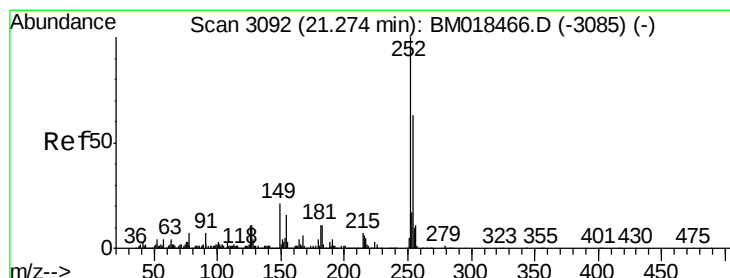
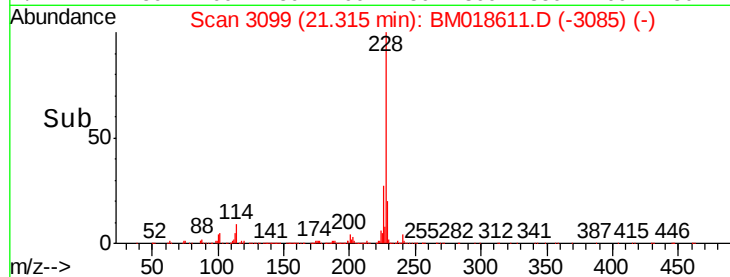
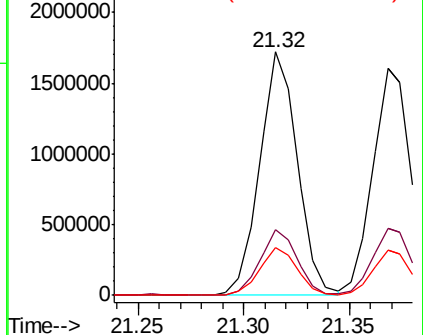
229 19.7 15.8 23.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.909 ng

RT: 21.26 min Scan# 3089

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

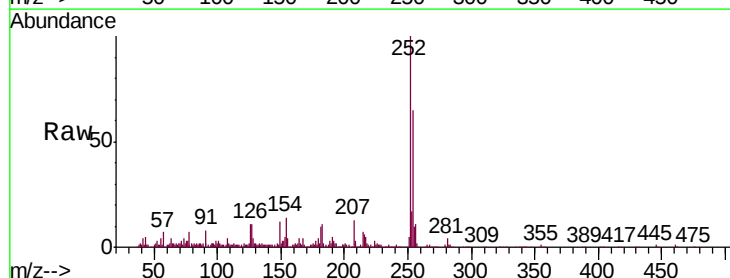
Tgt Ion:252 Resp: 548673

Ion Ratio Lower Upper

252 100

254 65.0 51.4 77.0

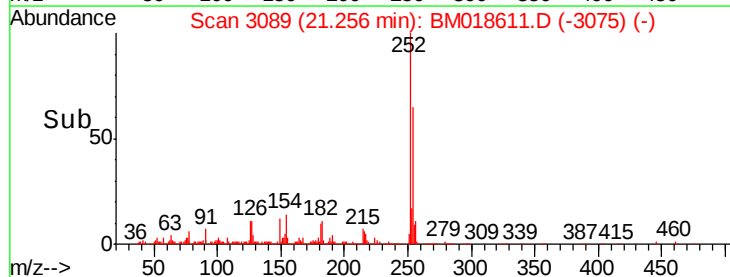
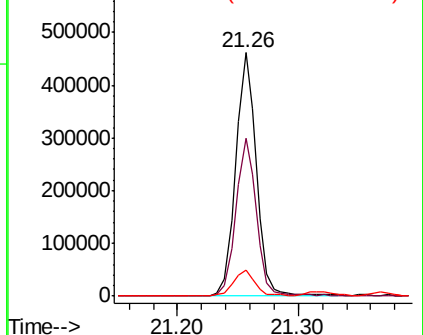
126 10.8 8.7 13.1

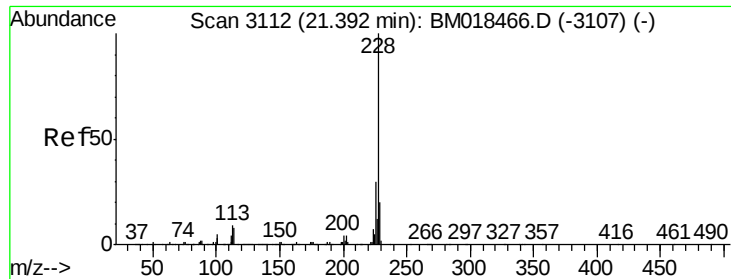


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.506 ng

RT: 21.37 min Scan# 3108

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

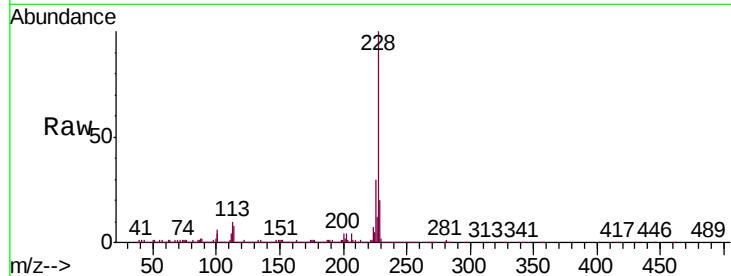
Tgt Ion:228 Resp: 2004927

Ion Ratio Lower Upper

228 100

226 29.8 24.2 36.2

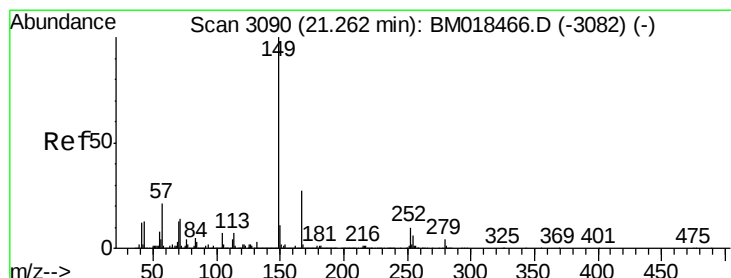
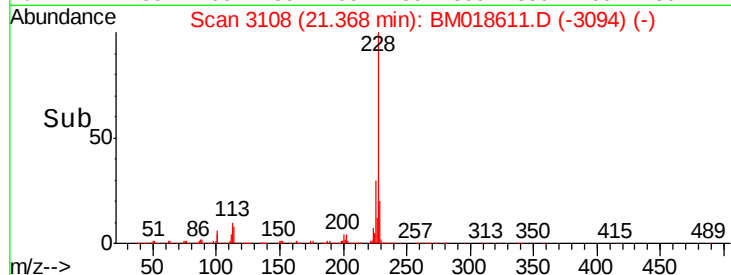
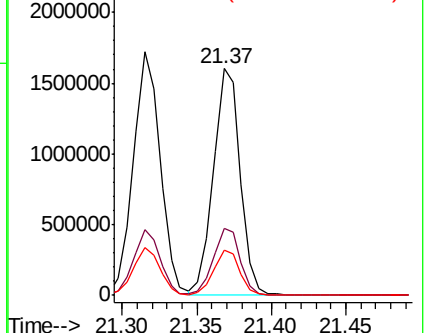
229 19.9 15.6 23.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.695 ng

RT: 21.24 min Scan# 3086

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

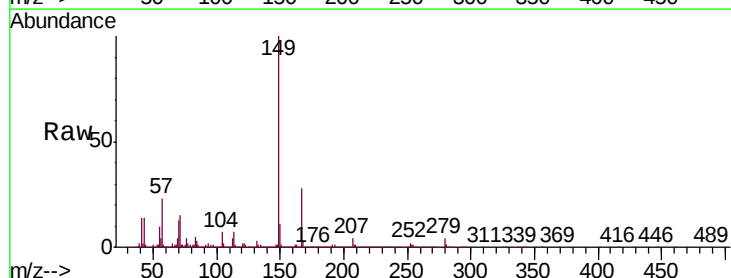
Tgt Ion:149 Resp: 1527531

Ion Ratio Lower Upper

149 100

167 27.6 21.6 32.4

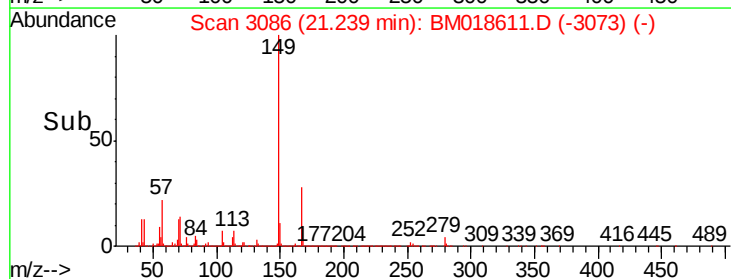
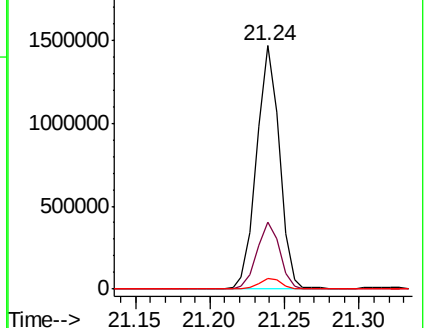
279 4.1 3.3 4.9

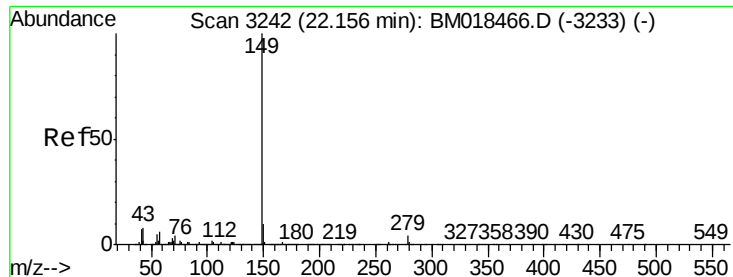


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 44.464 ng

RT: 22.13 min Scan# 3237

Delta R.T. -0.03 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

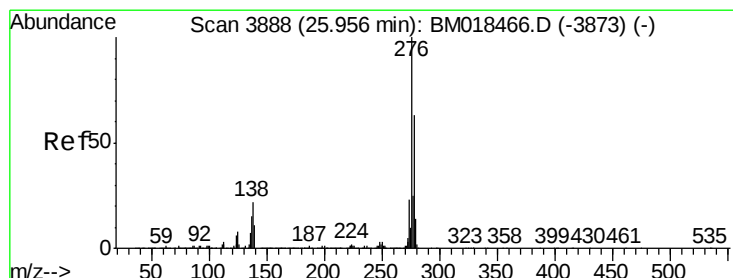
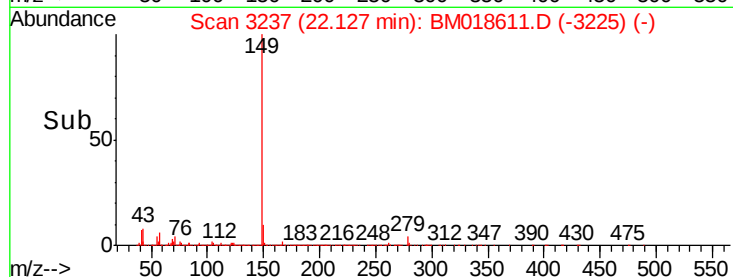
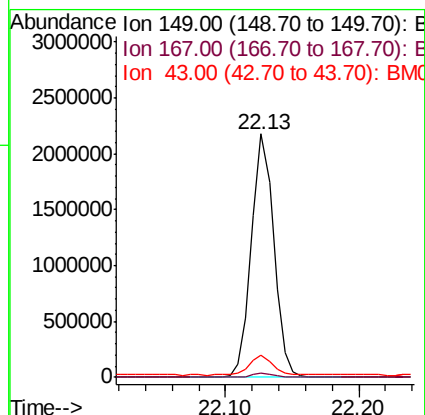
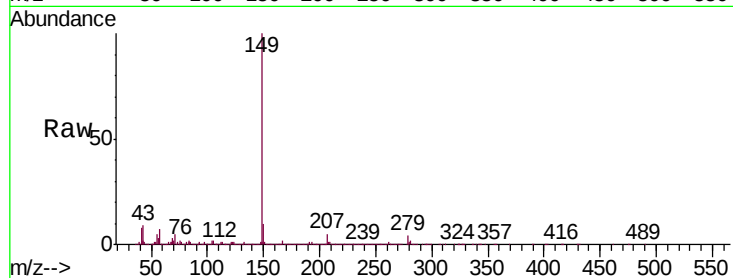
Tgt Ion:149 Resp: 2499975

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.2 8.6 12.8#



#86

Indeno(1,2,3-cd)pyrene

Concen: 49.827 ng

RT: 25.91 min Scan# 3881

Delta R.T. -0.03 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

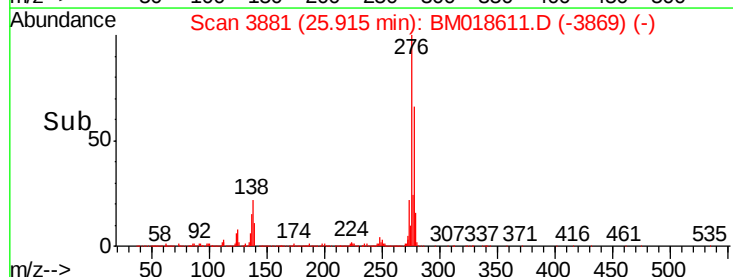
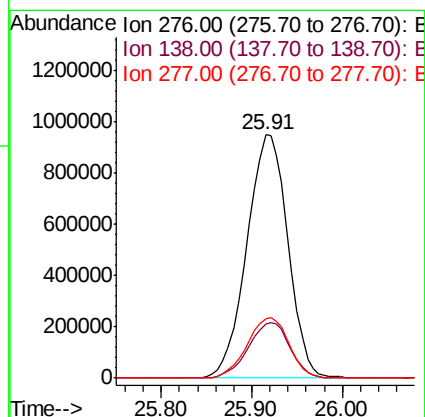
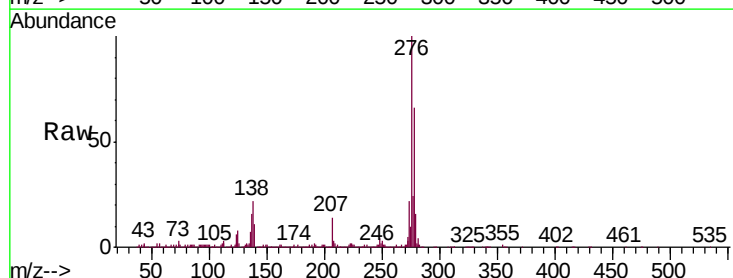
Tgt Ion:276 Resp: 2991641

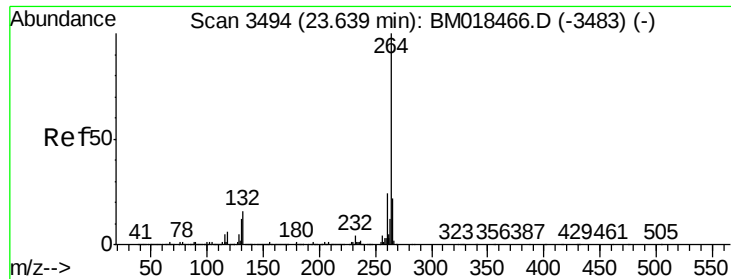
Ion Ratio Lower Upper

276 100

138 23.0 21.5 32.3

277 25.3 20.2 30.2





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.61 min Scan# 3489

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

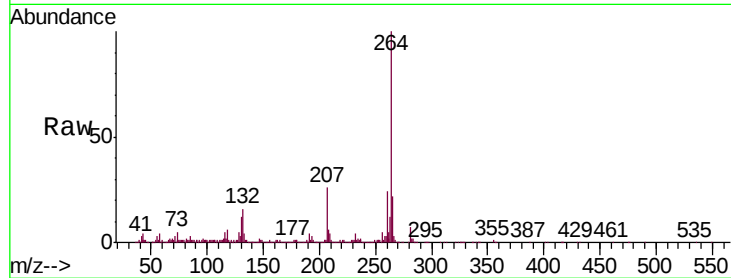
Tgt Ion:264 Resp: 994399

Ion Ratio Lower Upper

264 100

260 23.6 18.9 28.3

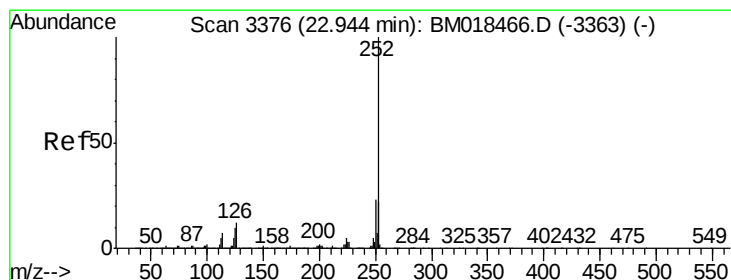
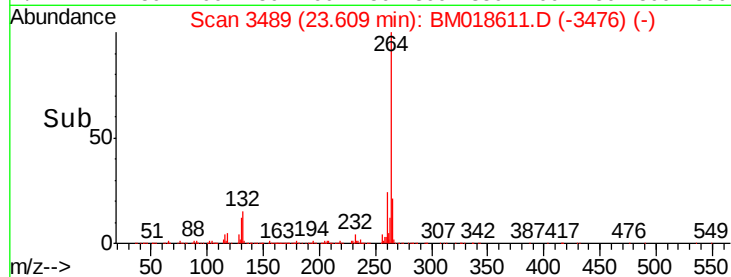
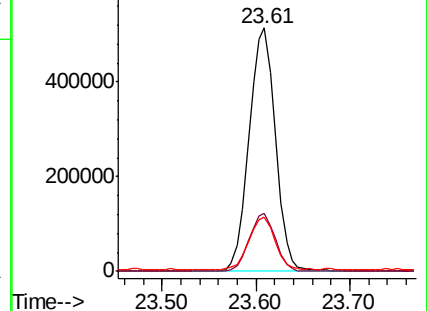
265 22.1 16.8 25.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.762 ng

RT: 22.92 min Scan# 3372

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

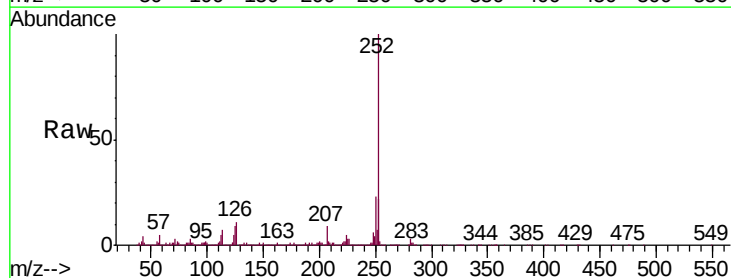
Tgt Ion:252 Resp: 2244733

Ion Ratio Lower Upper

252 100

253 21.7 17.6 26.4

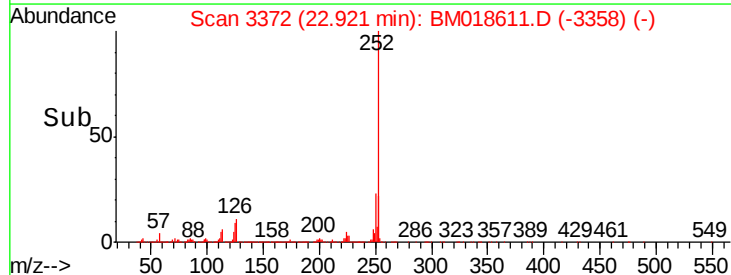
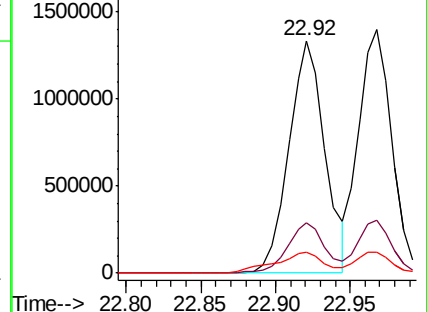
125 9.2 8.5 12.7

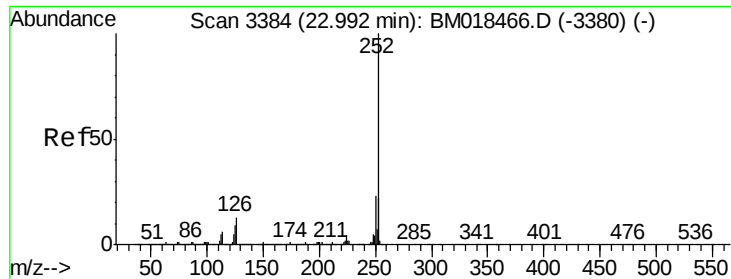


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

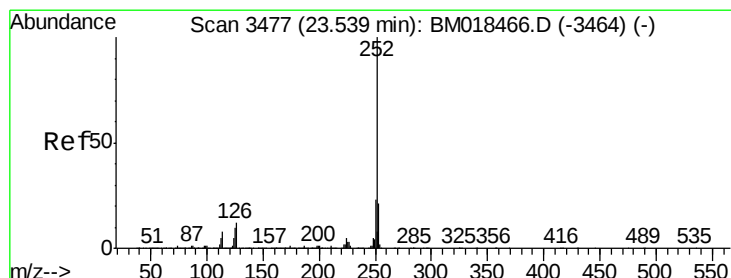
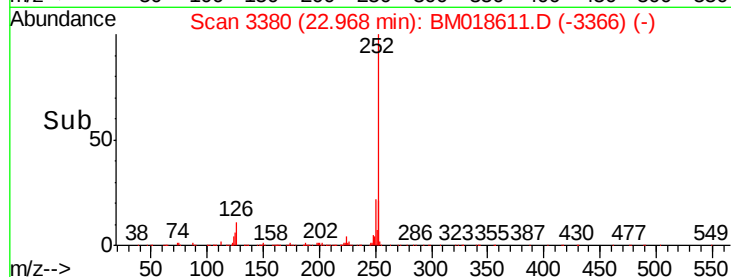
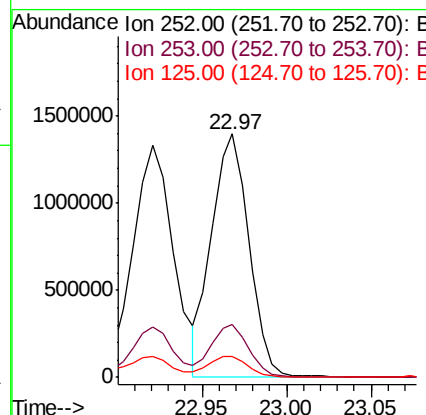
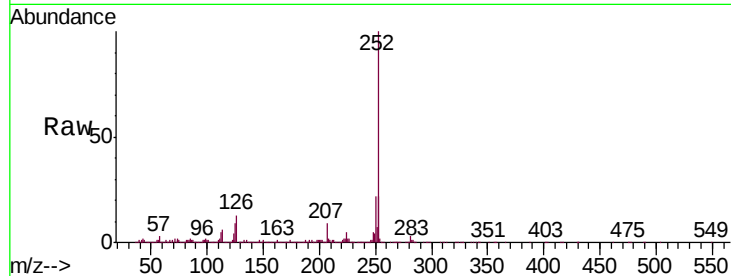




#89
Benzo(k)fluoranthene
Concen: 37.699 ng
RT: 22.97 min Scan# 3380
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

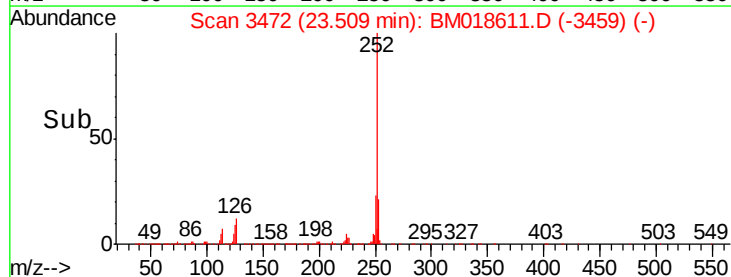
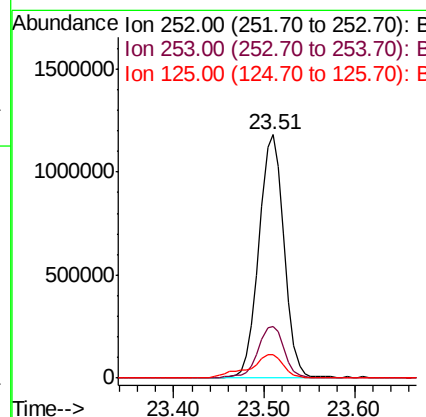
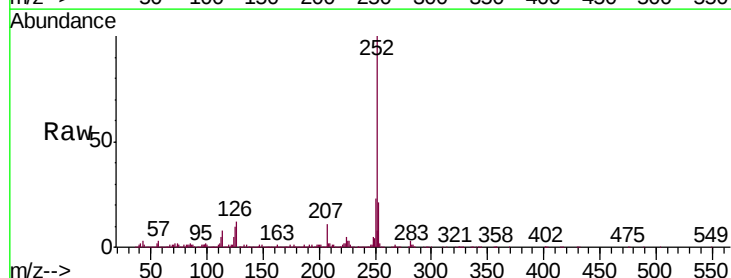
Instrument :
BNA_M
ClientSampleId :
PB116441BS

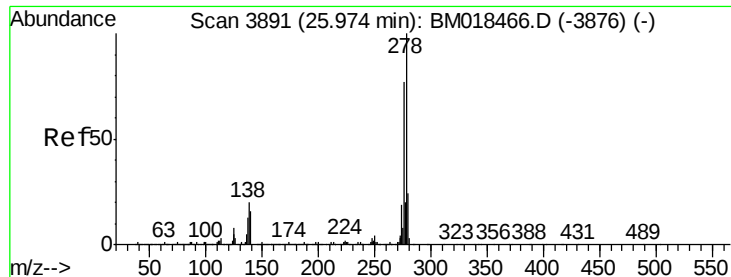
Tgt Ion:252 Resp: 2144803
Ion Ratio Lower Upper
252 100
253 21.8 17.4 26.0
125 8.7 8.6 12.8



#90
Benzo(a)pyrene
Concen: 41.813 ng
RT: 23.51 min Scan# 3472
Delta R.T. -0.02 min
Lab File: BM018611.D
Acq: 17 Jan 2019 13:24

Tgt Ion:252 Resp: 2259843
Ion Ratio Lower Upper
252 100
253 21.2 17.5 26.3
125 9.6 9.7 14.5#





#91

Dibenzo(a,h)anthracene

Concen: 46.289 ng

RT: 25.93 min Scan# 3884

Delta R.T. -0.03 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

Instrument :

BNA_M

ClientSampleId :

PB116441BS

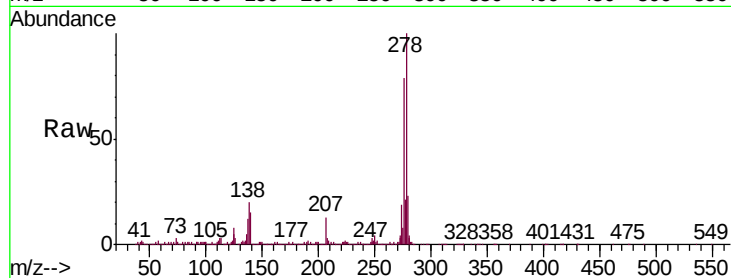
Tgt Ion:278 Resp: 2534914

Ion Ratio Lower Upper

278 100

139 15.0 13.2 19.8

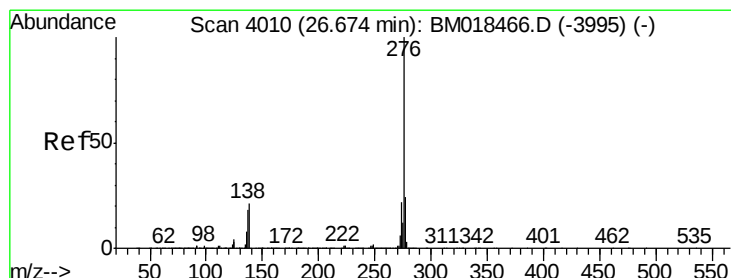
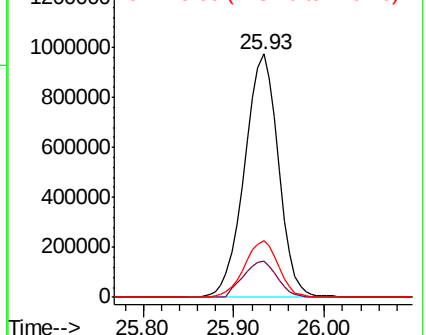
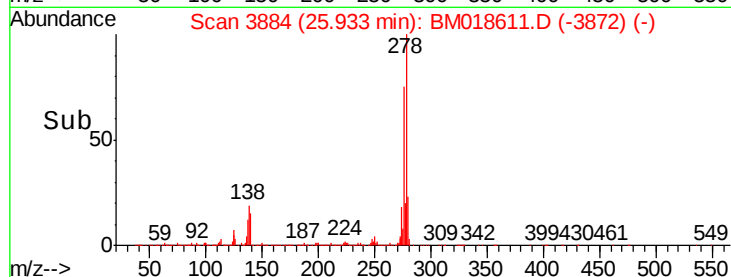
279 23.5 19.0 28.4



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: 47.897 ng

RT: 26.63 min Scan# 4003

Delta R.T. -0.02 min

Lab File: BM018611.D

Acq: 17 Jan 2019 13:24

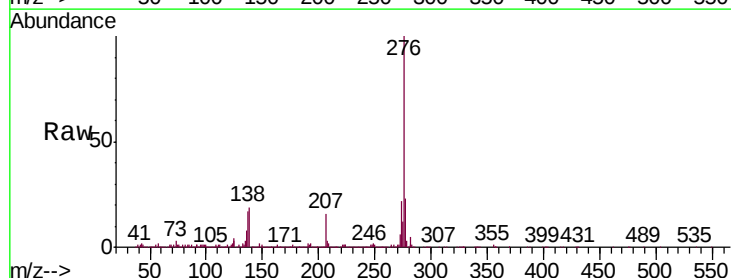
Tgt Ion:276 Resp: 2552501

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.4

138 19.2 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

