

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012819\
 Data File : BM018669.D
 Acq On : 28 Jan 2019 18:08
 Operator : JU/SJ
 Sample : PB116655BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB116655BS

Quant Time: Jan 29 00:42:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 18 22:01:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	199135	20.00	ng	-0.02
21) Naphthalene-d8	10.52	136	782581	20.00	ng	-0.01
39) Acenaphthene-d10	14.37	164	442729	20.00	ng	-0.01
64) Phenanthrene-d10	17.13	188	1009388	20.00	ng	-0.01
76) Chrysene-d12	21.32	240	1113553	20.00	ng	-0.01
87) Perylene-d12	23.59	264	1131980	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.32	112	1551205	143.84	ng	-0.01
7) Phenol-d6	6.90	99	1928846	140.82	ng	0.00
23) Nitrobenzene-d5	8.89	82	1065998	78.97	ng	-0.01
42) 2,4,6-Tribromophenol	15.87	330	820220	145.50	ng	-0.01
45) 2-Fluorobiphenyl	12.99	172	2646208	77.99	ng	-0.01
79) Terphenyl-d14	19.76	244	4434245	83.94	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.26	88	151874	34.552	ng	99
3) Pyridine	3.66	79	412271	37.621	ng	97
4) n-Nitrosodimethylamine	3.58	42	203154	44.831	ng	# 93
6) Aniline	7.06	93	469884	30.752	ng	99
8) 2-Chlorophenol	7.29	128	524408	41.635	ng	94
9) Benzaldehyde	6.88	77	116910	12.287	ng	98
10) Phenol	6.93	94	575149	41.321	ng	98
11) bis(2-Chloroethyl)ether	7.16	93	418588	38.273	ng	95
12) 1,3-Dichlorobenzene	7.61	146	568165	37.878	ng	99
13) 1,4-Dichlorobenzene	7.76	146	581289	38.235	ng	99
14) 1,2-Dichlorobenzene	8.07	146	559010	38.777	ng	99
15) Benzyl Alcohol	7.97	79	405172	40.954	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.26	45	536781	38.405	ng	95
17) 2-Methylphenol	8.17	107	394144	41.717	ng	97
18) Hexachloroethane	8.79	117	209167	38.586	ng	96
19) n-Nitroso-di-n-propylamine	8.53	70	337689	37.883	ng	94
20) 3+4-Methylphenols	8.50	107	537312	41.196	ng	98
22) Acetophenone	8.55	105	698904	36.102	ng	# 98
24) Nitrobenzene	8.93	77	505550	38.061	ng	96
25) Isophorone	9.45	82	898970	43.976	ng	99
26) 2-Nitrophenol	9.64	139	273521	42.587	ng	98
27) 2,4-Dimethylphenol	9.69	122	448436	46.582	ng	99
28) bis(2-Chloroethoxy)methane	9.93	93	559907	39.649	ng	98
29) 2,4-Dichlorophenol	10.16	162	480479	41.915	ng	100
30) 1,2,4-Trichlorobenzene	10.37	180	540022	37.954	ng	99
31) Naphthalene	10.57	128	1547243	41.053	ng	100
32) Benzoic acid	9.83	122	297409	46.171	ng	98
33) 4-Chloroaniline	10.69	127	303407	20.441	ng	98
34) Hexachlorobutadiene	10.83	225	325982	36.265	ng	98
35) Caprolactam	11.49	113	56358	14.461	ng	90
36) 4-Chloro-3-methylphenol	11.81	107	484170	40.259	ng	99
37) 2-Methylnaphthalene	12.18	142	1134960	42.621	ng	99
38) 1-Methylnaphthalene	12.40	142	1078057	41.841	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	590564	38.145	ng	99

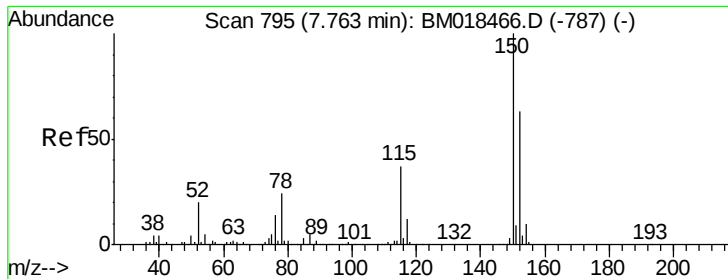
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM012819\
 Data File : BM018669.D
 Acq On : 28 Jan 2019 18:08
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.52	237	656224	77.230	ng	99
43) 2,4,6-Trichlorophenol	12.80	196	391308	41.621	ng	100
44) 2,4,5-Trichlorophenol	12.87	196	422132	42.692	ng	97
46) 1,1'-Biphenyl	13.20	154	1431617	37.034	ng	99
47) 2-Chloronaphthalene	13.25	162	1120668	37.384	ng	99
48) 2-Nitroaniline	13.46	65	295049	40.007	ng	98
49) Acenaphthylene	14.10	152	1808386	41.395	ng	100
50) Dimethylphthalate	13.84	163	1381158	37.986	ng	99
51) 2,6-Dinitrotoluene	13.96	165	301570	39.155	ng	97
52) Acenaphthene	14.44	154	1035279	38.732	ng	99
53) 3-Nitroaniline	14.30	138	208484	26.850	ng	98
54) 2,4-Dinitrophenol	14.50	184	329053	79.018	ng	94
55) Dibenzofuran	14.77	168	1682968	38.107	ng	99
56) 4-Nitrophenol	14.61	139	553632	82.533	ng	96
57) 2,4-Dinitrotoluene	14.75	165	424500	38.954	ng	98
58) Fluorene	15.43	166	1353400	41.137	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.00	232	382850	43.683	ng	97
60) Diethylphthalate	15.20	149	1400587	38.157	ng	100
61) 4-Chlorophenyl-phenylether	15.42	204	696396	36.726	ng	99
62) 4-Nitroaniline	15.47	138	291599	34.430	ng	98
63) Azobenzene	15.72	77	1157898	38.691	ng	97
65) 4,6-Dinitro-2-methylphenol	15.52	198	217421	35.390	ng	89
66) n-Nitrosodiphenylamine	15.64	169	1187536	37.927	ng	100
67) 4-Bromophenyl-phenylether	16.32	248	421651	37.329	ng	98
68) Hexachlorobenzene	16.42	284	470631	37.218	ng	99
69) Atrazine	16.60	200	429630	37.955	ng	99
70) Pentachlorophenol	16.77	266	609267	73.568	ng	98
71) Phenanthrene	17.17	178	2190209	40.794	ng	100
72) Anthracene	17.26	178	2213685	42.878	ng	100
73) Carbazole	17.54	167	2014218	37.974	ng	99
74) Di-n-butylphthalate	18.09	149	2402546	41.351	ng	99
75) Fluoranthene	19.19	202	2630734	42.500	ng	98
77) Benzidine	19.39	184	1400398	50.932	ng	100
78) Pyrene	19.56	202	2734872	41.434	ng	100
80) Butylbenzylphthalate	20.46	149	1173967	41.681	ng	98
81) Benzo(a)anthracene	21.30	228	2723119	41.510	ng	99
82) 3,3'-Dichlorobenzidine	21.24	252	731706	29.496	ng	99
83) Chrysene	21.36	228	2568784	40.550	ng	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	1690095	41.555	ng	100
85) Di-n-octyl phthalate	22.12	149	2957174	43.230	ng	# 95
86) Indeno(1,2,3-cd)pyrene	25.89	276	3120011	42.713	ng	97
88) Benzo(b)fluoranthene	22.90	252	2696961	41.966	ng	99
89) Benzo(k)fluoranthene	22.95	252	2661366	41.093	ng	99
90) Benzo(a)pyrene	23.49	252	2639520	42.902	ng	98
91) Dibenzo(a,h)anthracene	25.90	278	2623143	42.078	ng	98
92) Benzo(g,h,i)perylene	26.60	276	2563876	42.263	ng	98

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

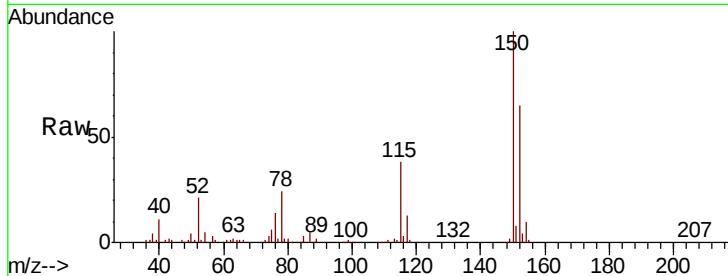


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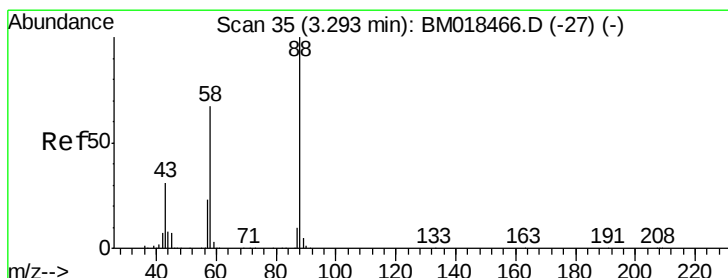
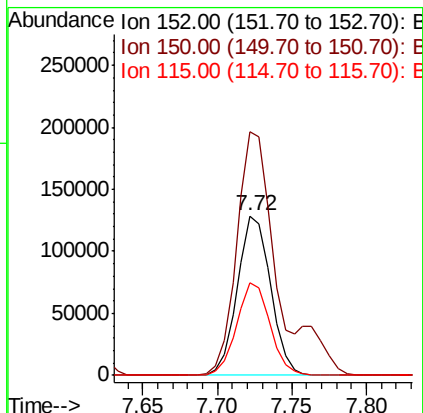
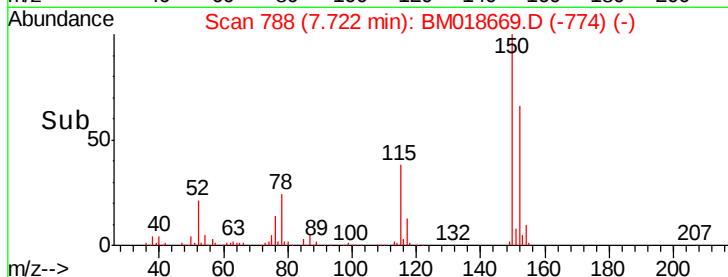
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tgt Ion:152 Resp: 199135
Ion Ratio Lower Upper
152 100
150 152.8 126.9 190.3
115 57.8 45.5 68.3



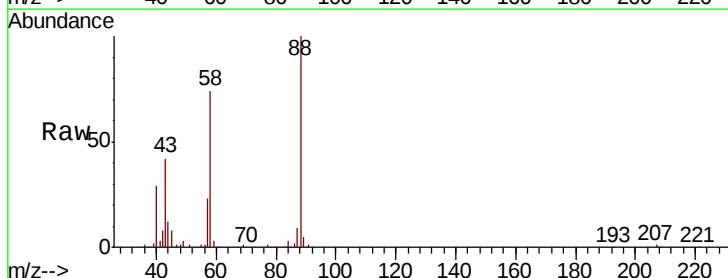
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



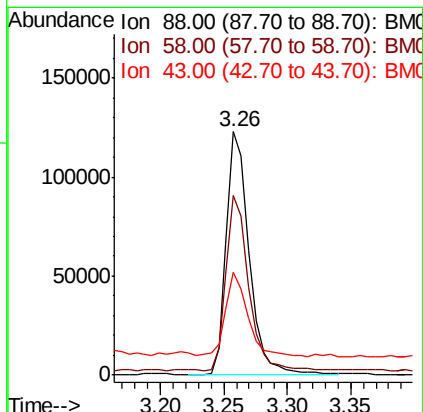
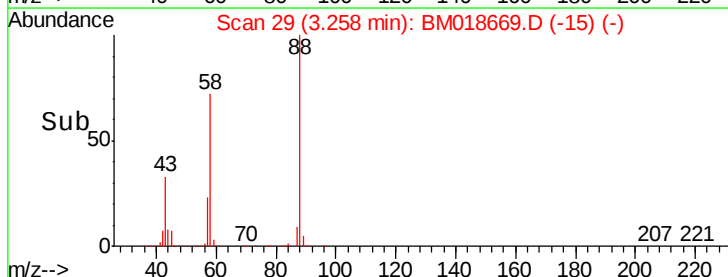
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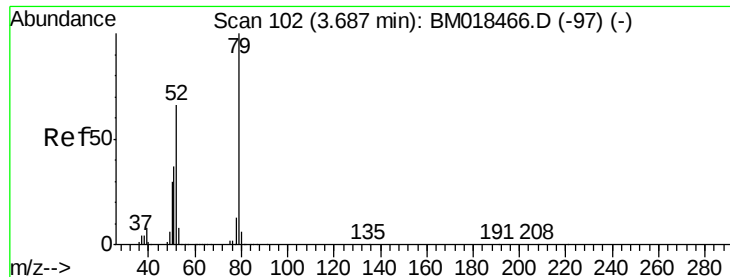
1,4-Dioxane
Concen: 34.552 ng
RT: 3.26 min Scan# 29
Delta R.T. -0.02 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion: 88 Resp: 151874
Ion Ratio Lower Upper
88 100
58 72.5 58.4 87.6
43 33.4 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: 37.621 ng

RT: 3.66 min Scan# 97

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

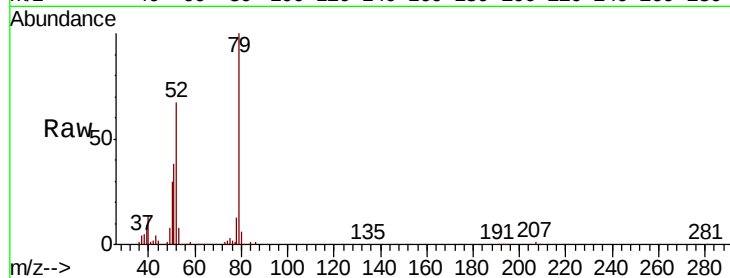
Tgt Ion: 79 Resp: 412271

Ion Ratio Lower Upper

79 100

52 67.4 56.4 84.6

51 37.8 31.0 46.4



Abundance Ion 79.00 (78.70 to 79.70): BM018466.D (-97) (-)

Ion 52.00 (51.70 to 52.70): BM018466.D (-97) (-)

Ion 51.00 (50.70 to 51.70): BM018466.D (-97) (-)

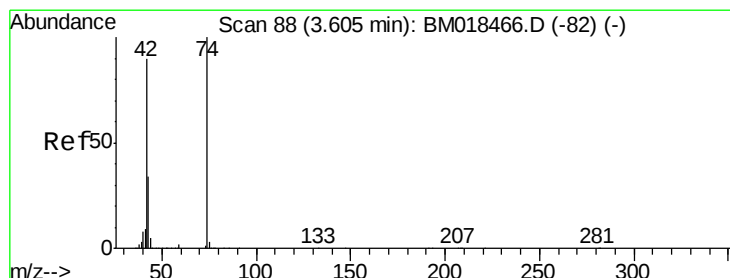
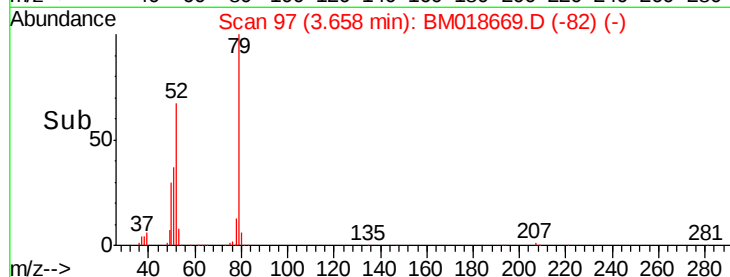
3.66

200000

100000

0

Time-->



#4

n-Nitrosodimethylamine

Concen: 44.831 ng

RT: 3.58 min Scan# 83

Delta R.T. -0.02 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

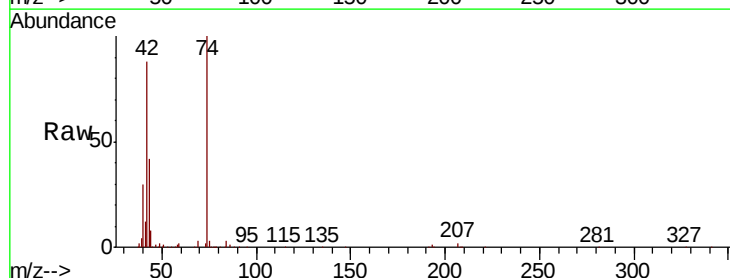
Tgt Ion: 42 Resp: 203154

Ion Ratio Lower Upper

42 100

74 113.7 88.6 132.8

44 8.8 16.9 25.3#



Abundance Ion 42.00 (41.70 to 42.70): BM018466.D (-82) (-)

Ion 74.00 (73.70 to 74.70): BM018466.D (-82) (-)

Ion 44.00 (43.70 to 44.70): BM018466.D (-82) (-)

3.58

200000

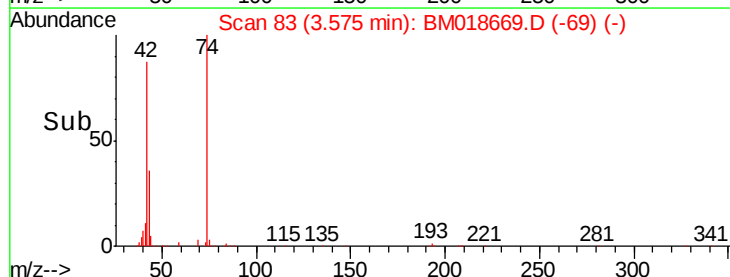
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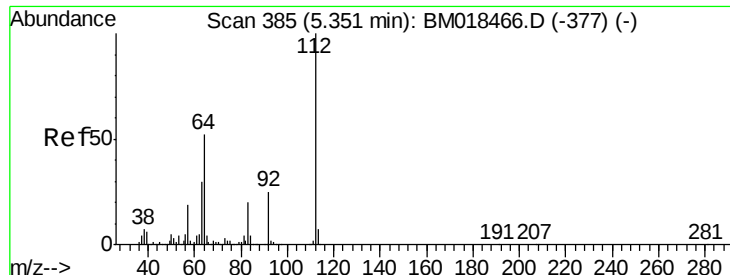
100000

50000

0

Time-->





#5

2-Fluorophenol

Concen: 143.836 ng

RT: 5.32 min Scan# 379

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

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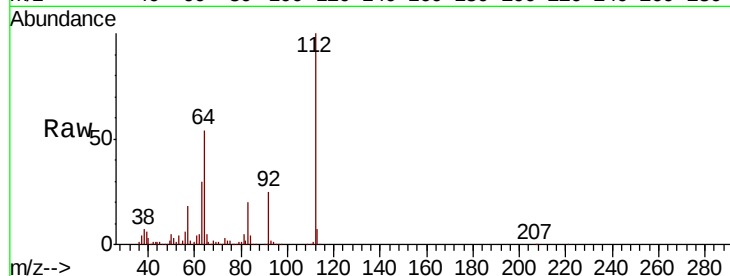
Tgt Ion: 112 Resp: 1551205

Ion Ratio Lower Upper

112 100

64 54.0 46.5 69.7

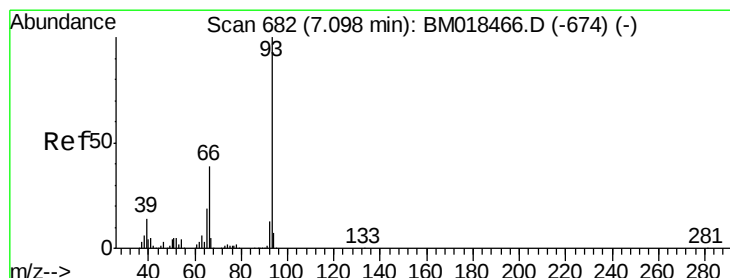
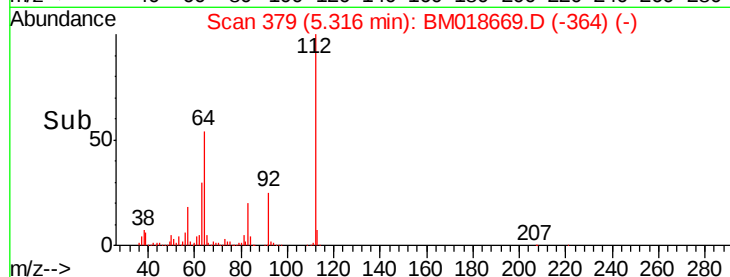
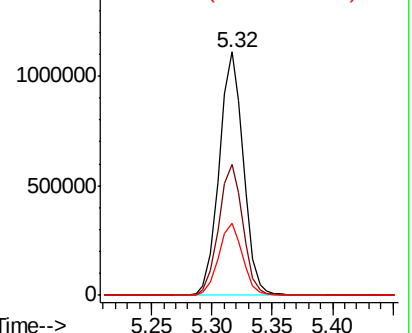
63 29.7 25.2 37.8



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: 30.752 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.02 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

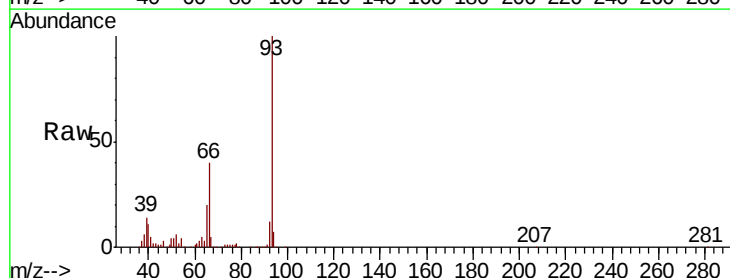
Tgt Ion: 93 Resp: 469884

Ion Ratio Lower Upper

93 100

66 40.2 31.7 47.5

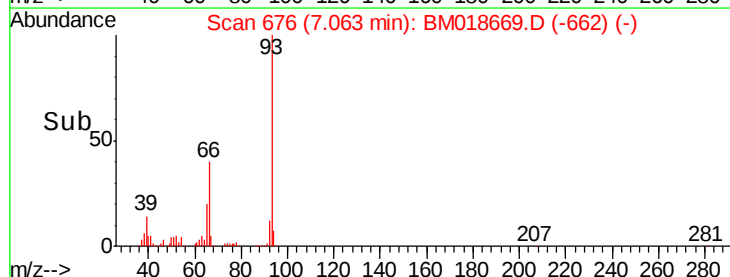
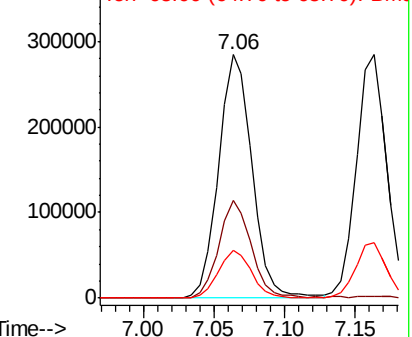
65 19.8 15.9 23.9

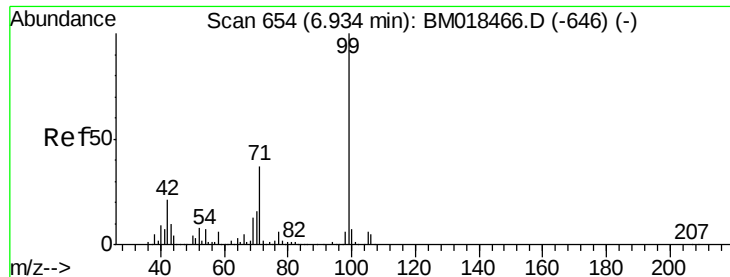


Abundance Ion 93.00 (92.70 to 93.70): B

Ion 66.00 (65.70 to 66.70): B

Ion 65.00 (64.70 to 65.70): B





#7

Phenol-d6

Concen: 140.816 ng

RT: 6.90 min Scan# 649

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

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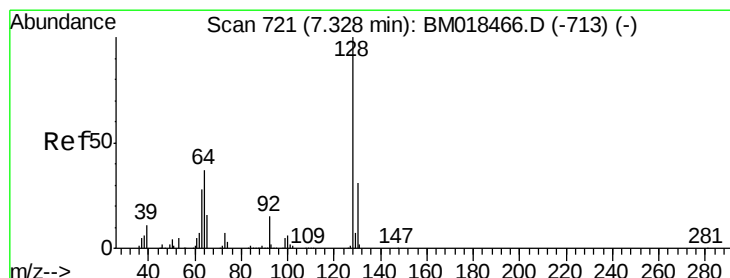
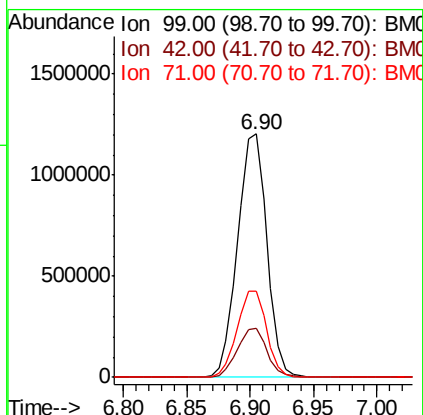
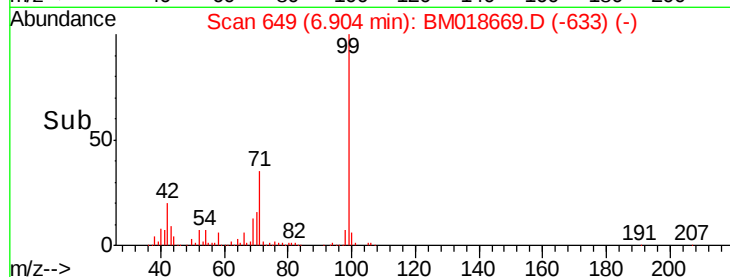
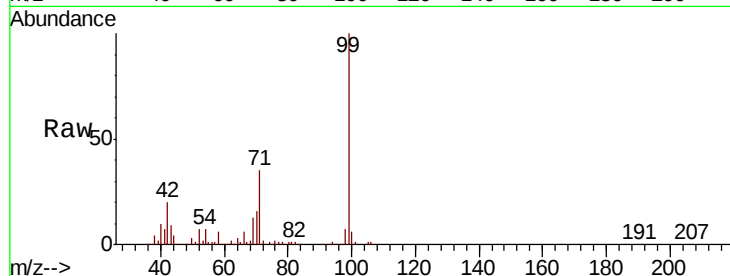
Tgt Ion: 99 Resp: 1928846

Ion Ratio Lower Upper

99 100

42 19.9 17.3 25.9

71 35.1 28.0 42.0



#8

2-Chlorophenol

Concen: 41.635 ng

RT: 7.29 min Scan# 715

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

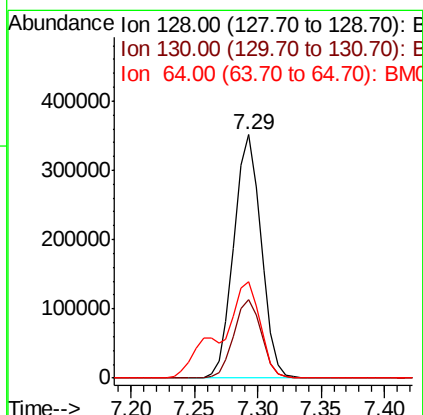
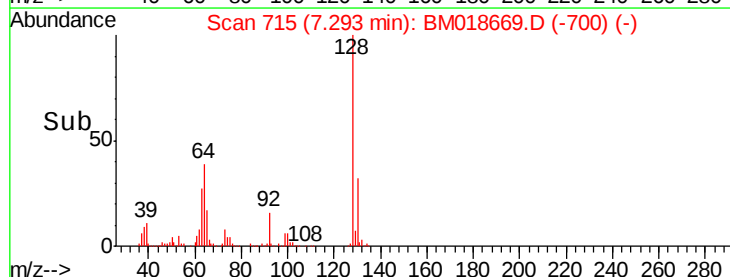
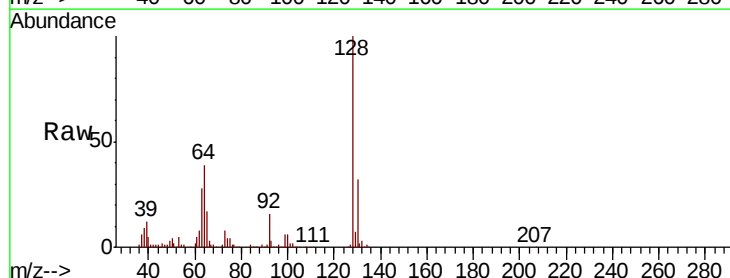
Tgt Ion: 128 Resp: 524408

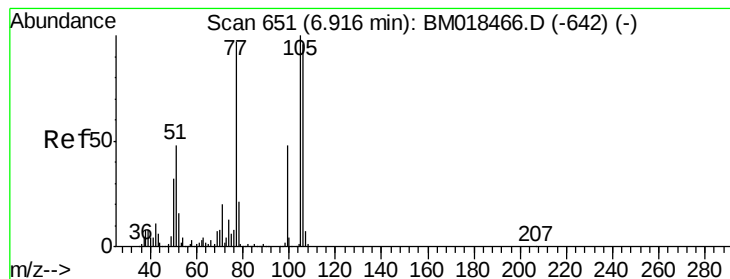
Ion Ratio Lower Upper

128 100

130 32.4 13.6 53.6

64 39.4 24.8 64.8





#9

Benzaldehyde

Concen: 12.287 ng

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

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ClientSampleId :

PB116655BS

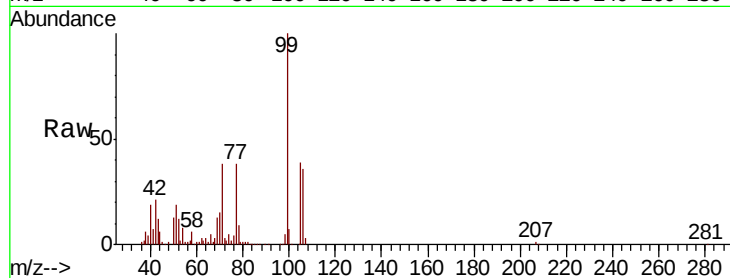
Tgt Ion: 77 Resp: 116910

Ion Ratio Lower Upper

77 100

105 102.9 79.7 119.7

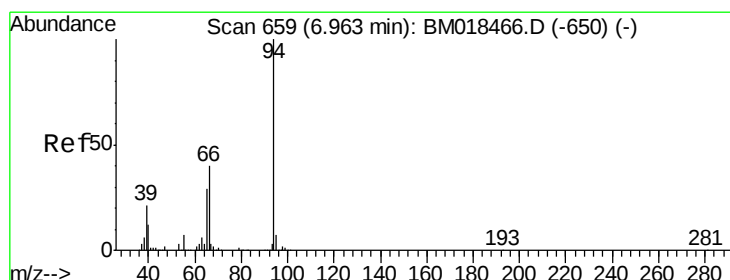
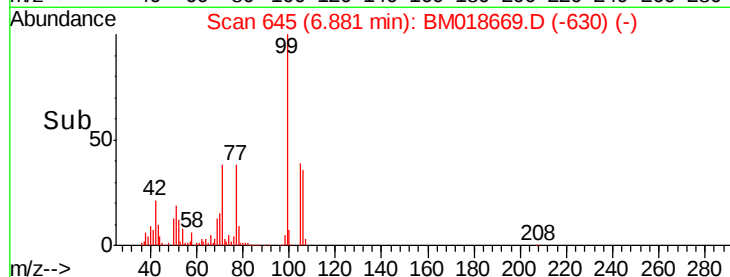
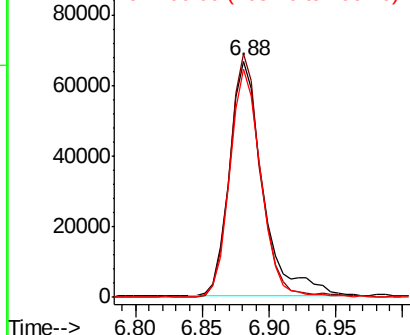
106 96.4 75.2 115.2



Abundance Ion 77.00 (76.70 to 77.70): BM018669.D (-630) (-)

Ion 105.00 (104.70 to 105.70): BM018669.D (-630) (-)

Ion 106.00 (105.70 to 106.70): BM018669.D (-630) (-)



#10

Phenol

Concen: 41.321 ng

RT: 6.93 min Scan# 653

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

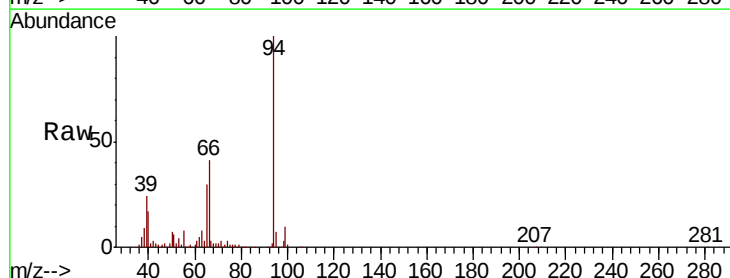
Tgt Ion: 94 Resp: 575149

Ion Ratio Lower Upper

94 100

65 29.5 9.4 49.4

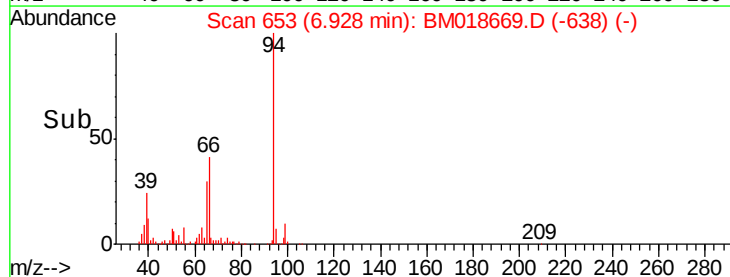
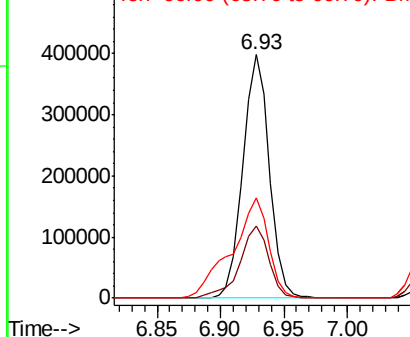
66 41.1 19.1 59.1

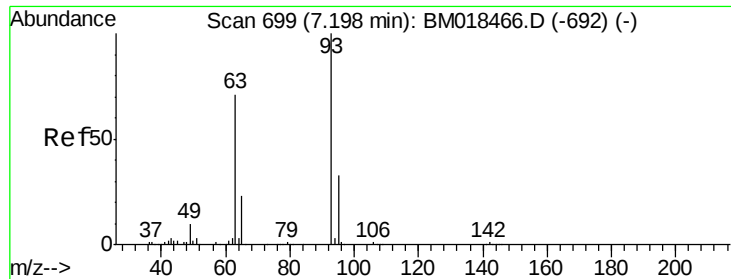


Abundance Ion 94.00 (93.70 to 94.70): BM018669.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM018669.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM018669.D (-638) (-)

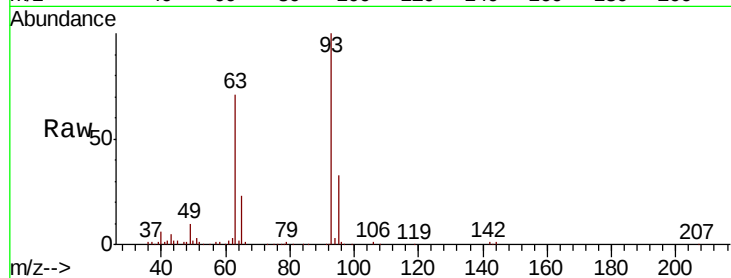




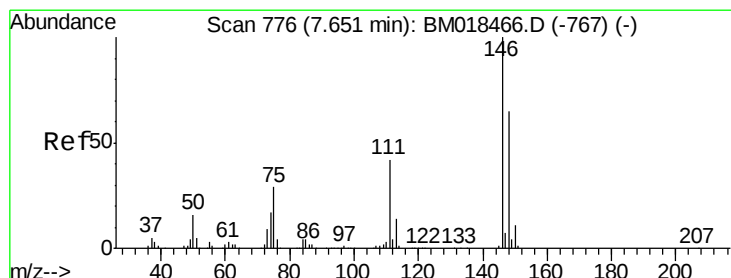
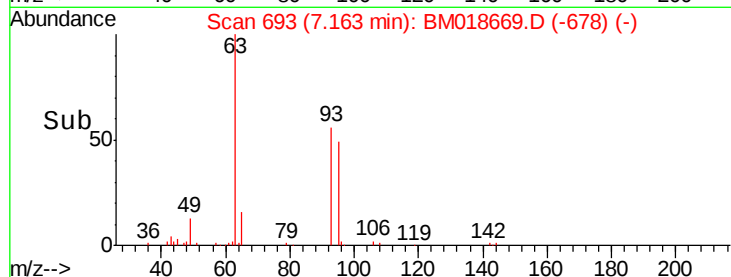
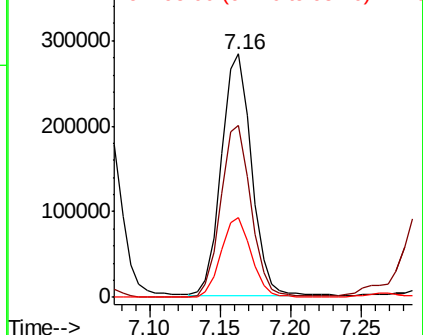
#11
bis(2-Chloroethyl)ether
Concen: 38.273 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tgt Ion: 93 Resp: 418588
Ion Ratio Lower Upper
93 100
63 70.6 56.4 96.4
95 32.8 12.7 52.7

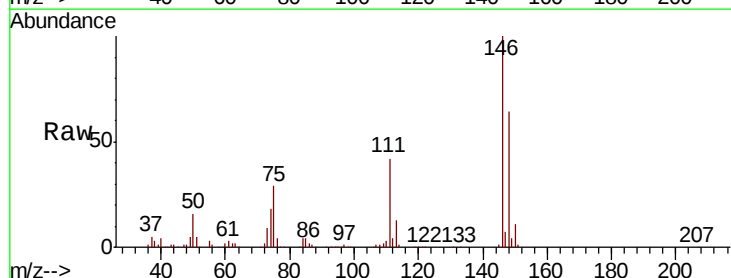


Abundance Ion 93.00 (92.70 to 93.70): BM018466.D (-692) (-)
Ion 63.00 (62.70 to 63.70): BM018466.D (-692) (-)
Ion 95.00 (94.70 to 95.70): BM018466.D (-692) (-)

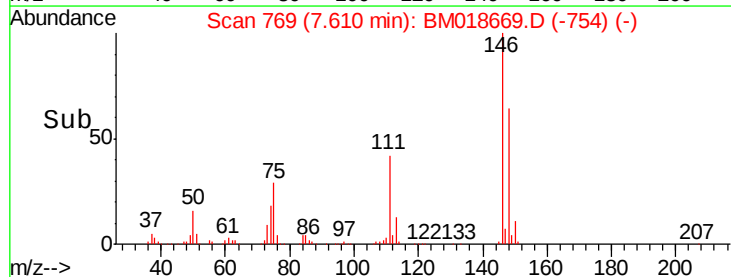
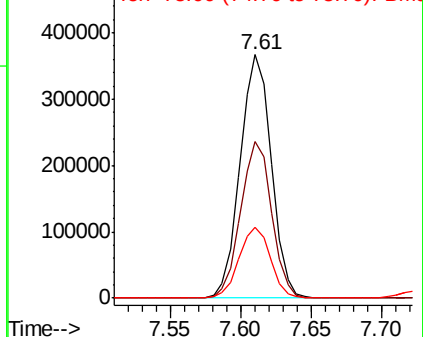


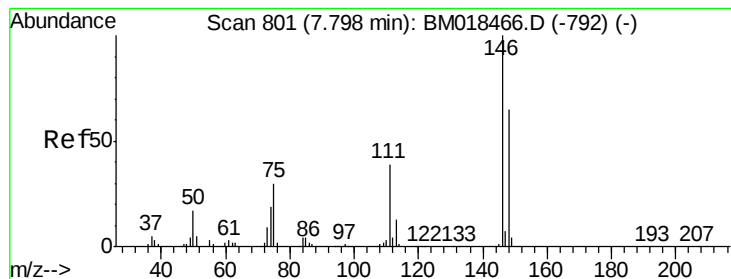
#12
1,3-Dichlorobenzene
Concen: 37.878 ng
RT: 7.61 min Scan# 769
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion: 146 Resp: 568165
Ion Ratio Lower Upper
146 100
148 64.5 50.5 75.7
75 29.2 23.0 34.6



Abundance Ion 146.00 (145.70 to 146.70): BM018466.D (-767) (-)
Ion 148.00 (147.70 to 148.70): BM018466.D (-767) (-)
Ion 75.00 (74.70 to 75.70): BM018466.D (-767) (-)





#13

1,4-Dichlorobenzene

Concen: 38.235 ng

RT: 7.76 min Scan# 794

Delta R.T. -0.02 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

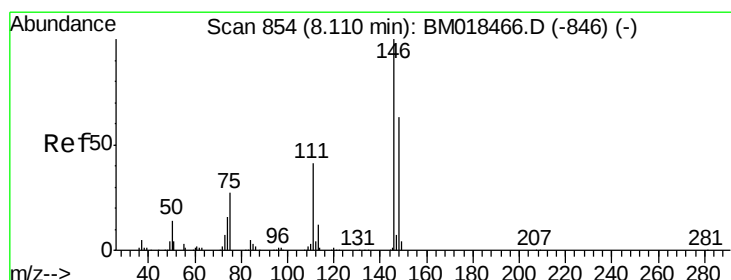
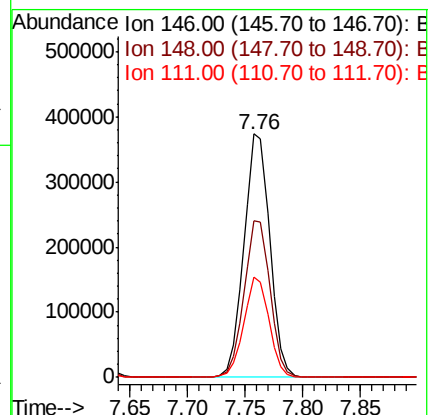
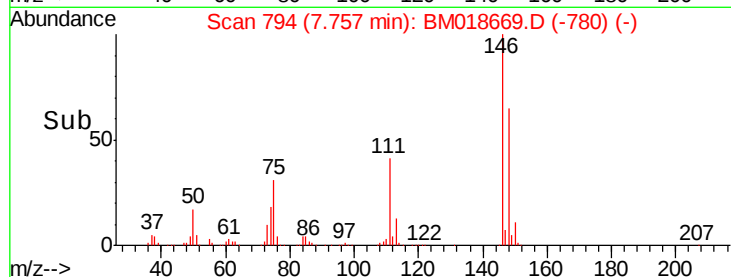
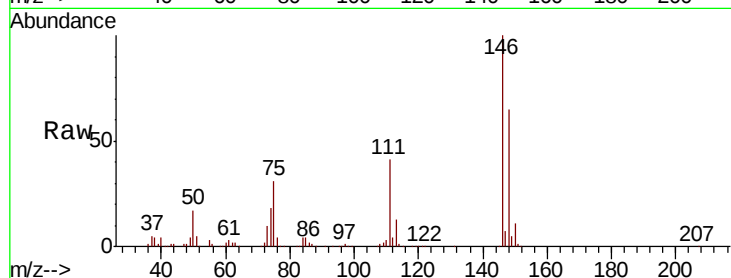
Tgt Ion:146 Resp: 581289

Ion Ratio Lower Upper

146 100

148 64.6 50.8 76.2

111 41.1 32.2 48.2



#14

1,2-Dichlorobenzene

Concen: 38.777 ng

RT: 8.07 min Scan# 848

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

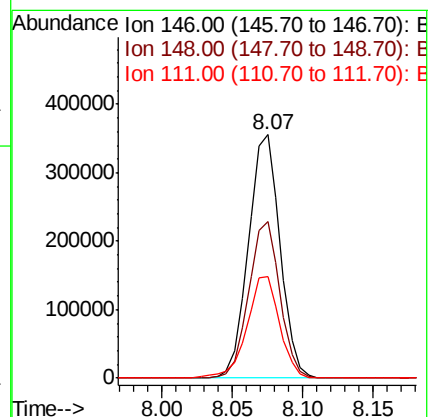
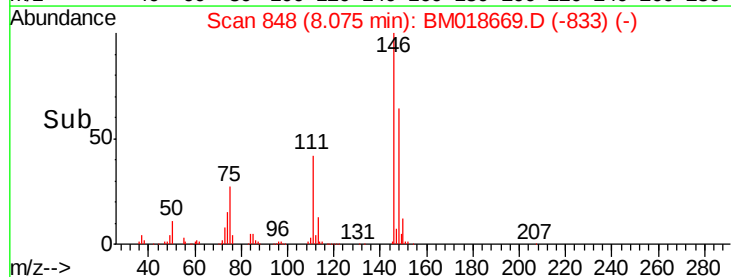
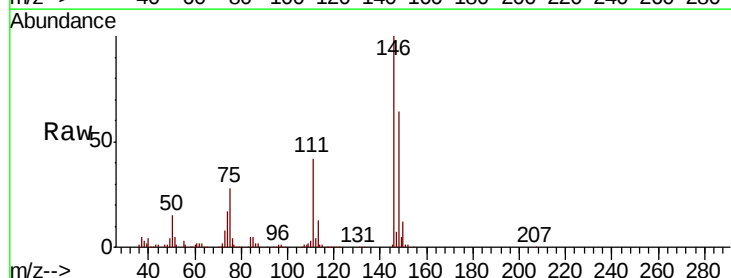
Tgt Ion:146 Resp: 559010

Ion Ratio Lower Upper

146 100

148 64.5 51.0 76.6

111 41.7 33.8 50.6





#15

Benzyl Alcohol

Concen: 40.954 ng

RT: 7.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

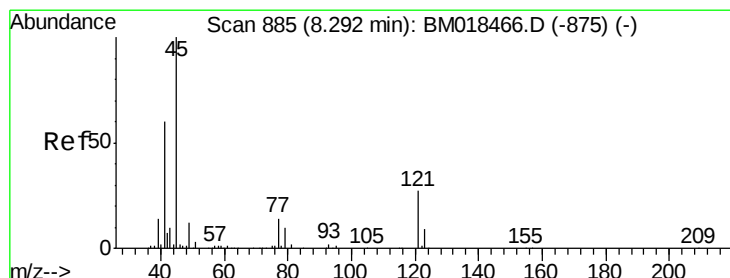
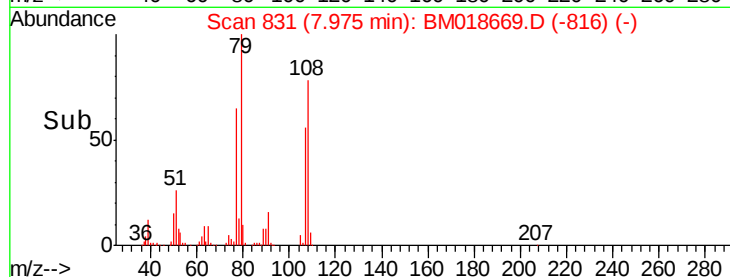
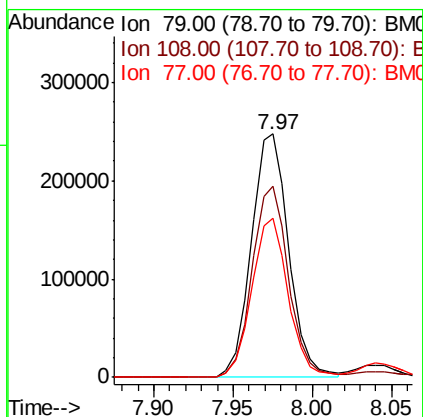
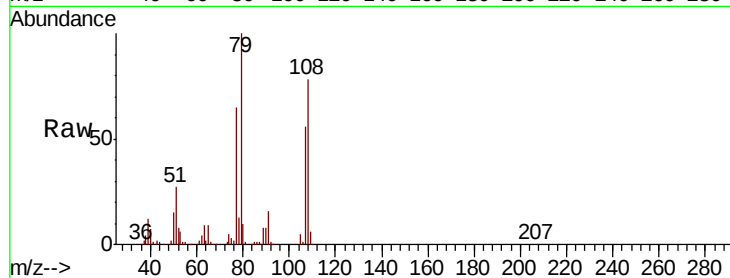
Tgt Ion: 79 Resp: 405172

Ion Ratio Lower Upper

79 100

108 78.4 60.4 90.6

77 65.3 53.4 80.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.405 ng

RT: 8.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

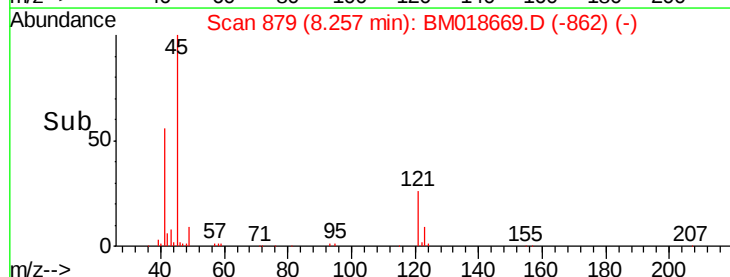
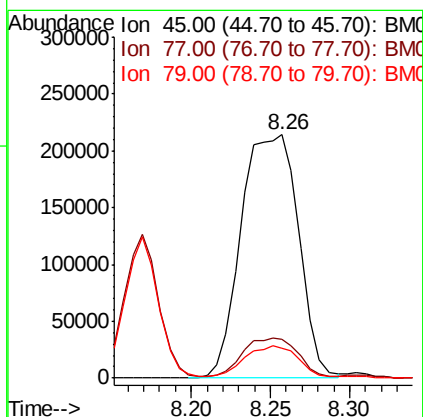
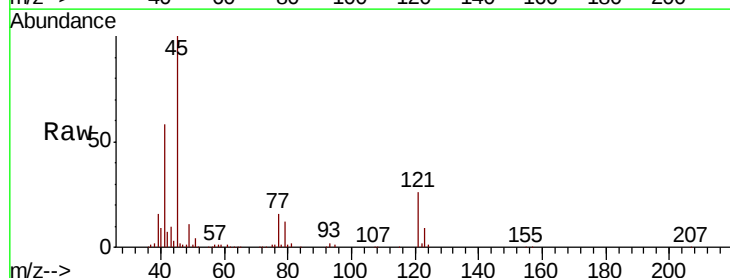
Tgt Ion: 45 Resp: 536781

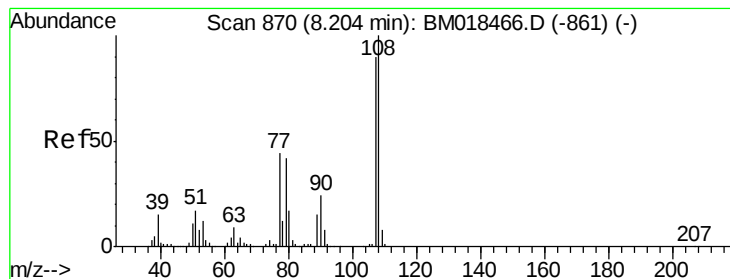
Ion Ratio Lower Upper

45 100

77 15.8 0.0 33.4

79 12.3 0.0 31.1





#17

2-Methylphenol

Concen: 41.717 ng

RT: 8.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

Tgt Ion:107 Resp: 394144

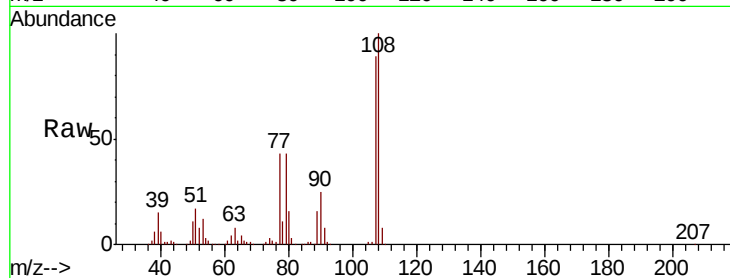
Ion Ratio Lower Upper

107 100

108 112.7 87.5 131.3

77 48.8 37.3 55.9

79 48.0 36.4 54.6



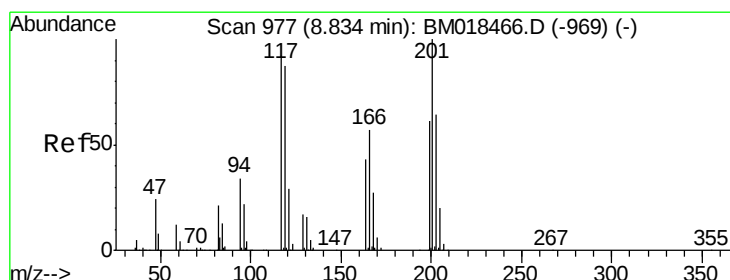
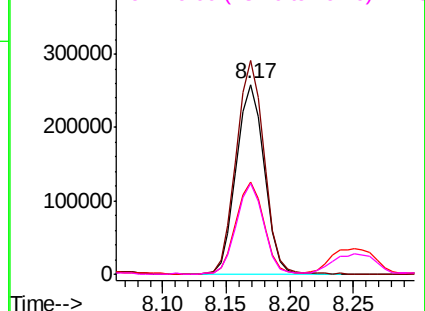
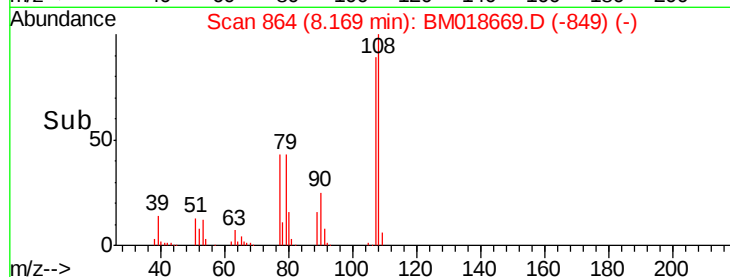
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 79.00 (78.70 to 79.70): BM



#18

Hexachloroethane

Concen: 38.586 ng

RT: 8.79 min Scan# 970

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

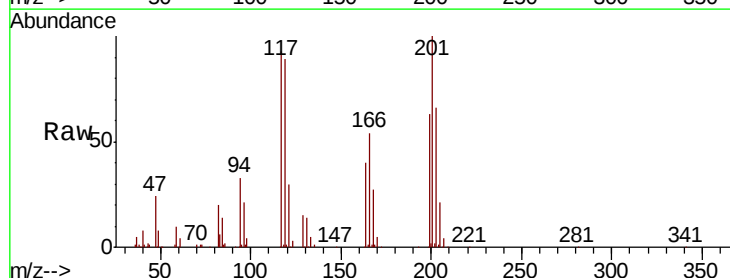
Tgt Ion:117 Resp: 209167

Ion Ratio Lower Upper

117 100

119 95.5 78.3 117.5

201 107.7 81.4 122.0

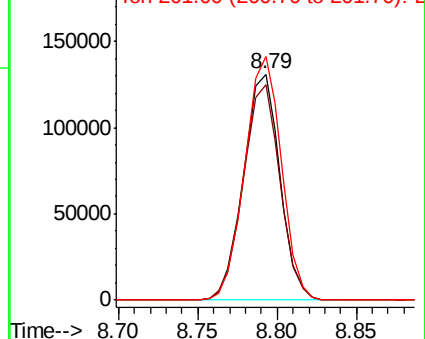
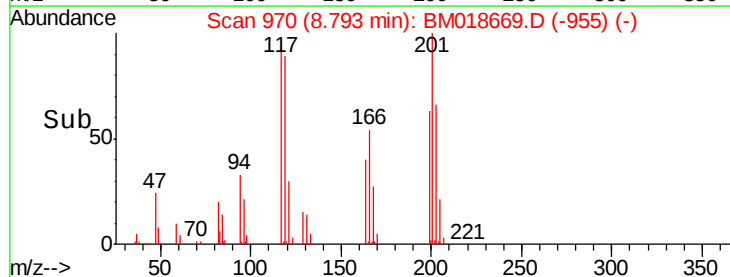


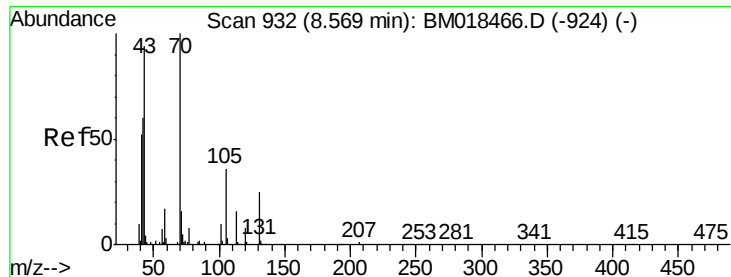
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

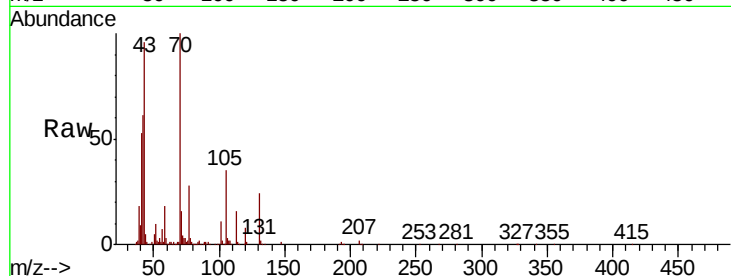




#19
n-Nitroso-di-n-propylamine
Concen: 37.883 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tgt Ion:	70	Resp:	337689
Ion	Ratio	Lower	Upper
70	100		
42	61.1	54.0	81.0
101	10.6	8.1	12.1
130	24.3	17.8	26.6



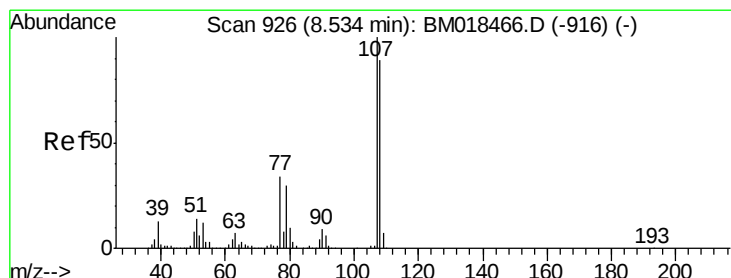
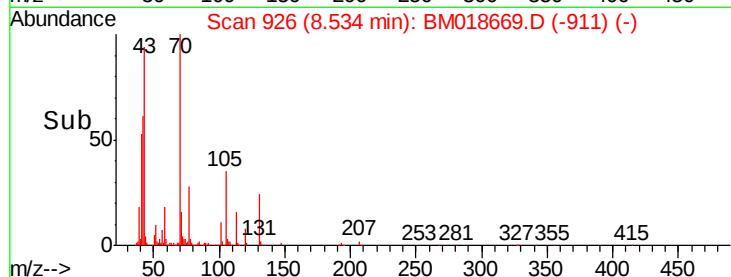
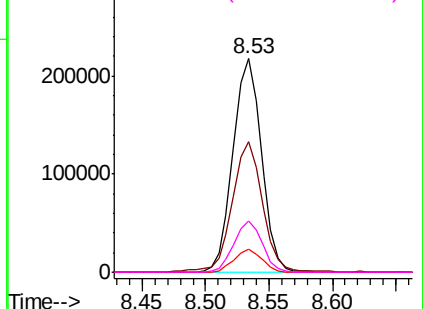
Abundance

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

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

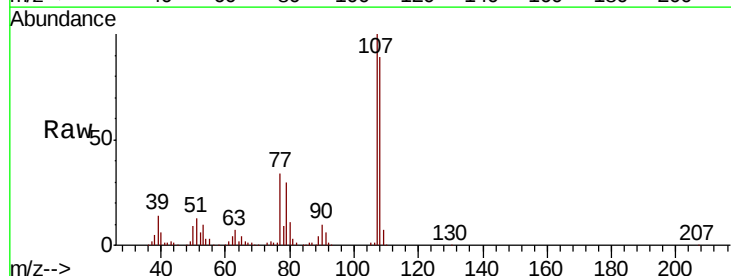
Ion 101.00 (100.70 to 101.70): BM018466.D (-924) (-)

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



#20
3+4-Methylphenols
Concen: 41.196 ng
RT: 8.50 min Scan# 920
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion:	107	Resp:	537312
Ion	Ratio	Lower	Upper
107	100		
108	89.3	66.8	106.8
77	34.1	13.3	53.3
79	30.2	8.8	48.8



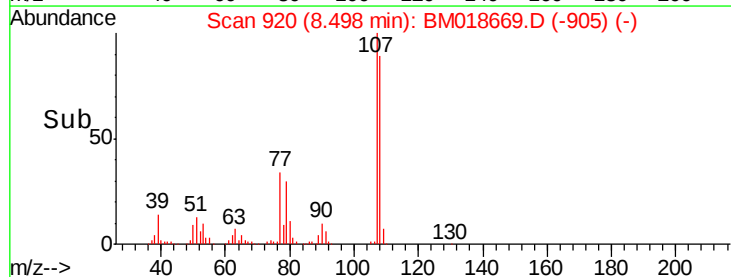
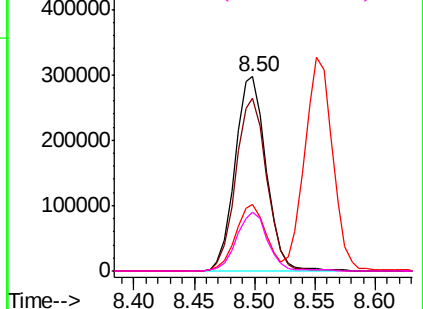
Abundance

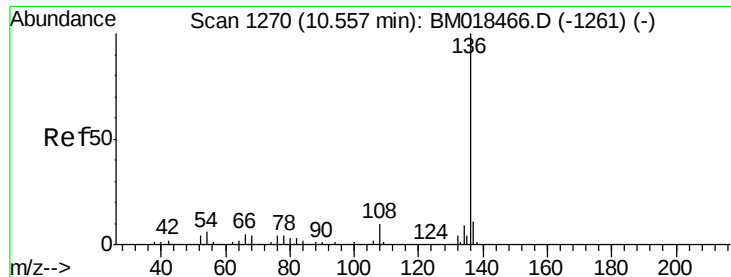
Ion 107.00 (106.70 to 107.70): BM018466.D (-916) (-)

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

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

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

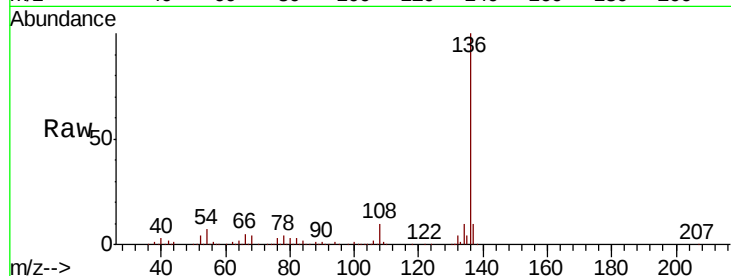




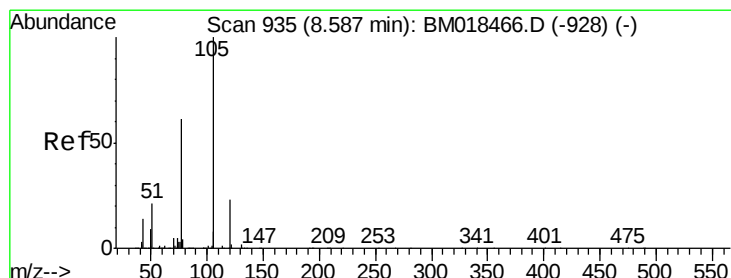
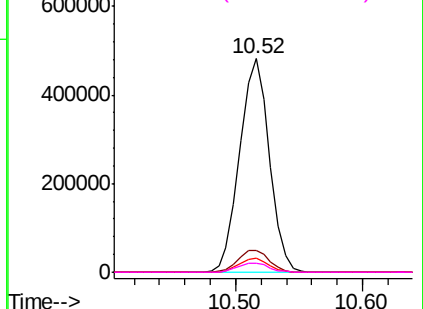
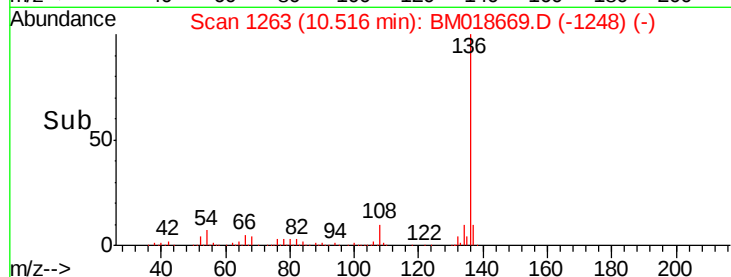
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.52 min Scan# 1263
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tgt Ion:	136	Resp:	782581
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.9	6.0	9.0
68	4.3	4.5	6.7#

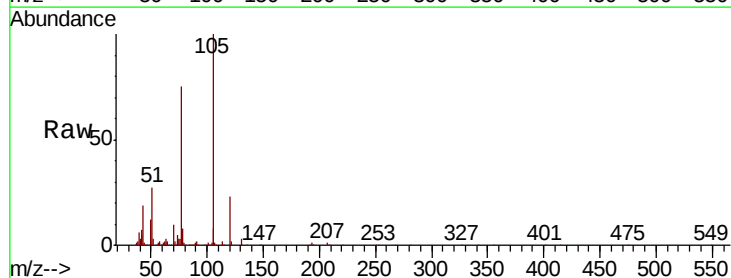


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

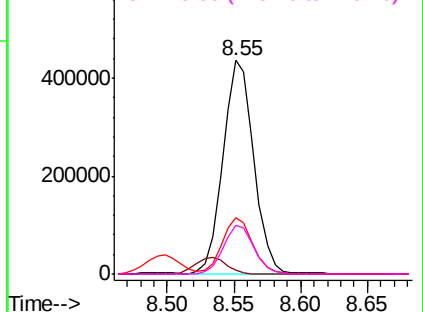
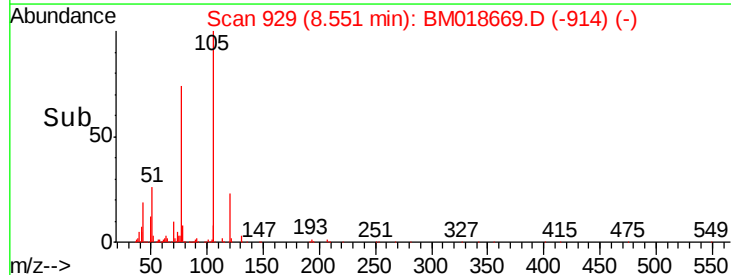


#22
Acetophenone
Concen: 36.102 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion:	105	Resp:	698904
Ion	Ratio	Lower	Upper
105	100		
71	1.7	1.7	2.5#
51	26.7	22.6	34.0
120	23.0	18.3	27.5



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

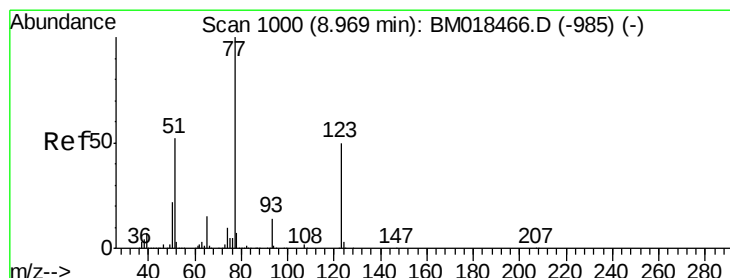
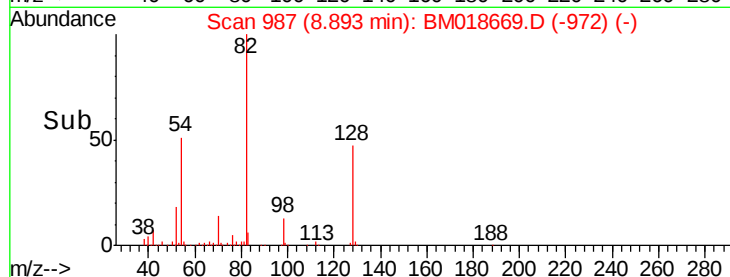
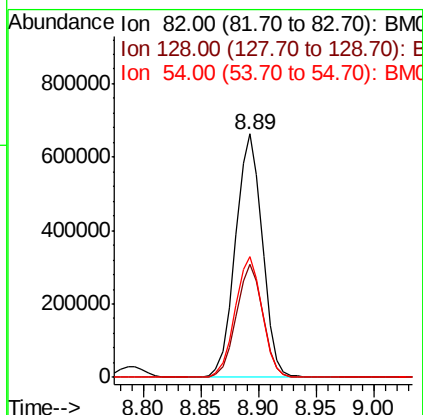
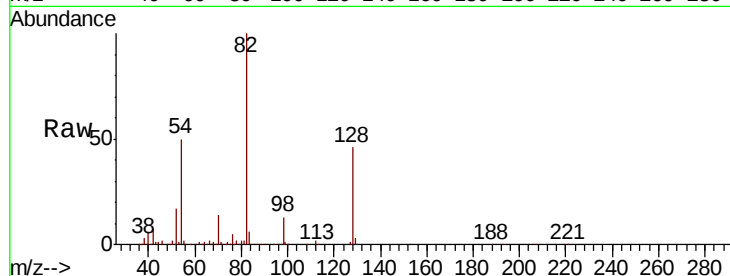




#23
 Nitrobenzene-d5
 Concen: 78.966 ng
 RT: 8.89 min Scan# 987
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

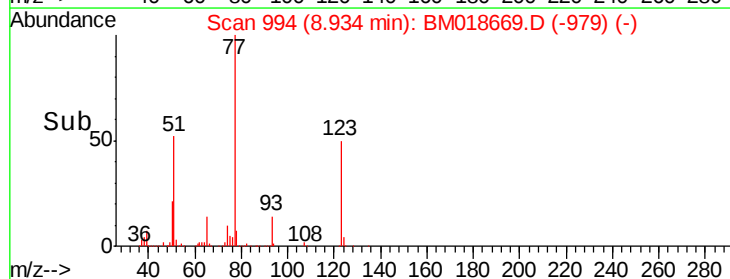
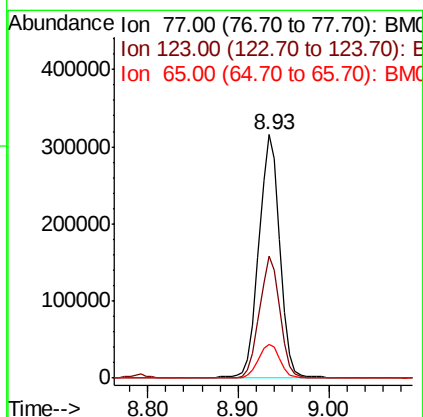
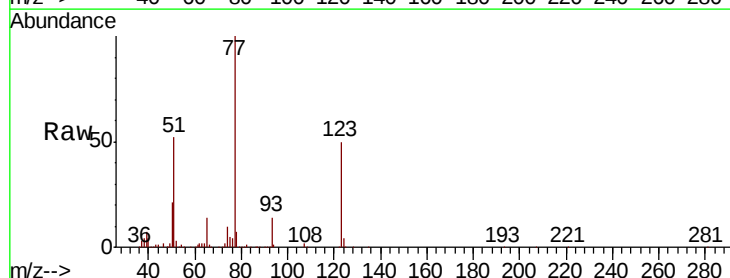
Instrument :
 BNA_M
 ClientSampleId :
 PB116655BS

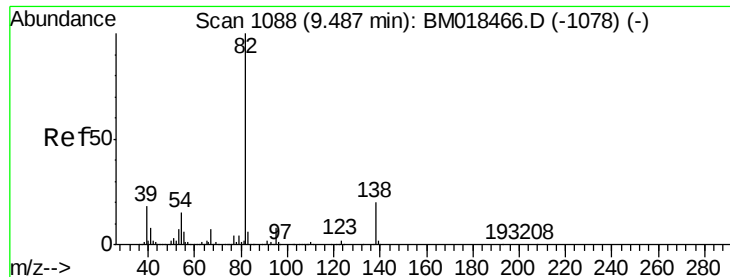
Tgt Ion: 82 Resp: 1065998
 Ion Ratio Lower Upper
 82 100
 128 46.4 36.3 54.5
 54 49.6 41.7 62.5



#24
 Nitrobenzene
 Concen: 38.061 ng
 RT: 8.93 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Tgt Ion: 77 Resp: 505550
 Ion Ratio Lower Upper
 77 100
 123 50.2 37.7 56.5
 65 13.8 11.0 16.6

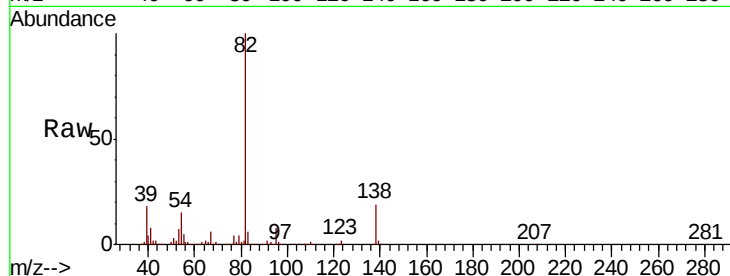




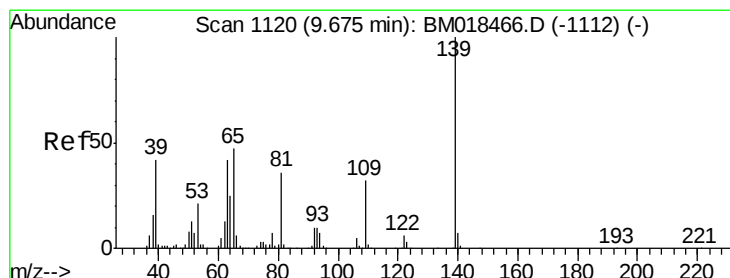
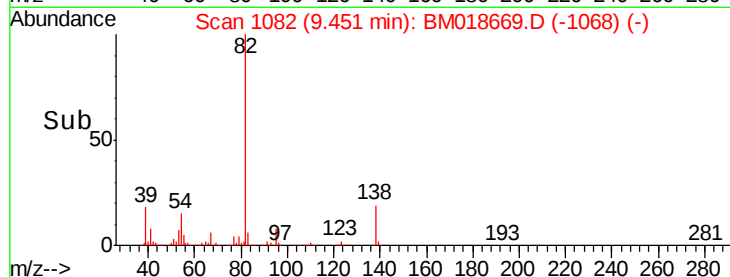
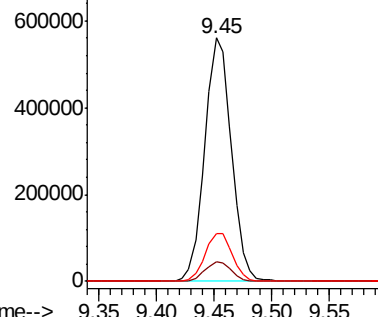
#25
Isophorone
Concen: 43.976 ng
RT: 9.45 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tgt Ion: 82 Resp: 898970
Ion Ratio Lower Upper
82 100
95 8.1 6.1 9.1
138 19.4 15.1 22.7

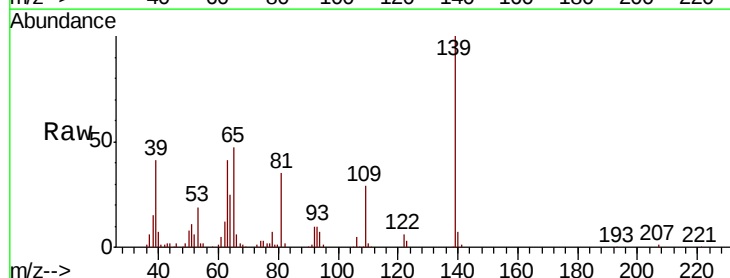


Abundance Ion 82.00 (81.70 to 82.70): BM0
Ion 95.00 (94.70 to 95.70): BM0
Ion 138.00 (137.70 to 138.70): E

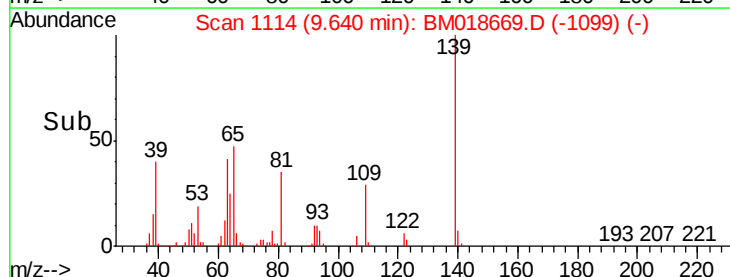
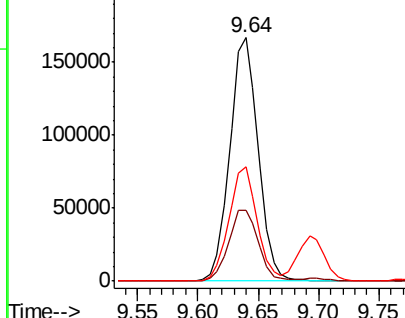


#26
2-Nitrophenol
Concen: 42.587 ng
RT: 9.64 min Scan# 1114
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion: 139 Resp: 273521
Ion Ratio Lower Upper
139 100
109 29.3 23.4 35.2
65 46.9 39.4 59.2



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): BM0

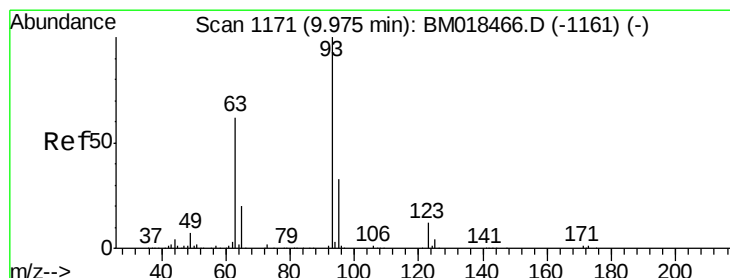
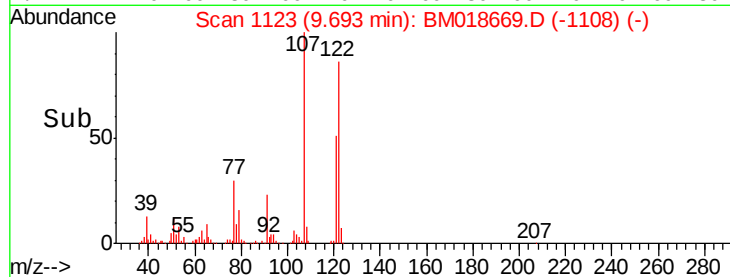
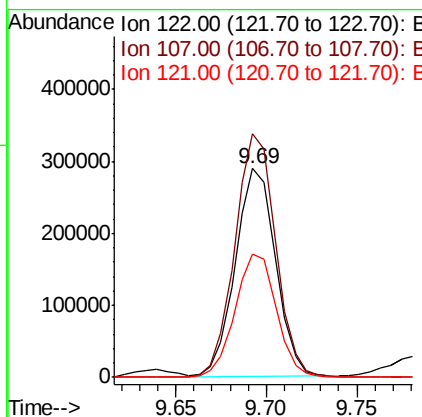
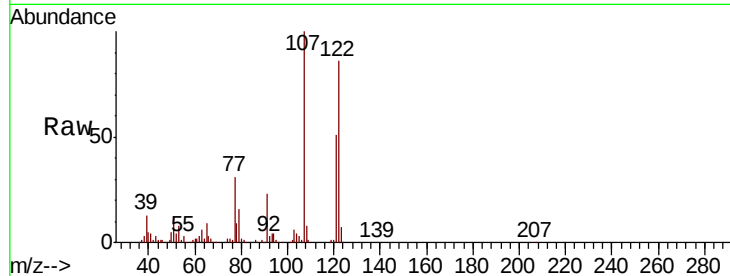




#27
 2,4-Dimethylphenol
 Concen: 46.582 ng
 RT: 9.69 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

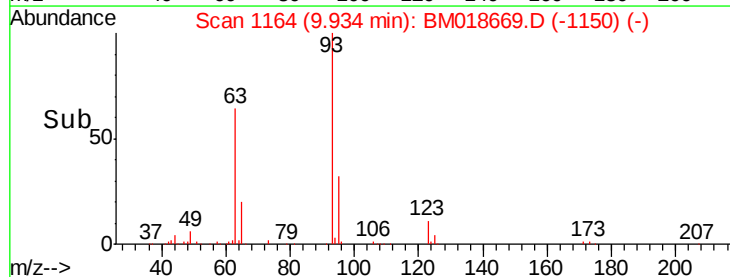
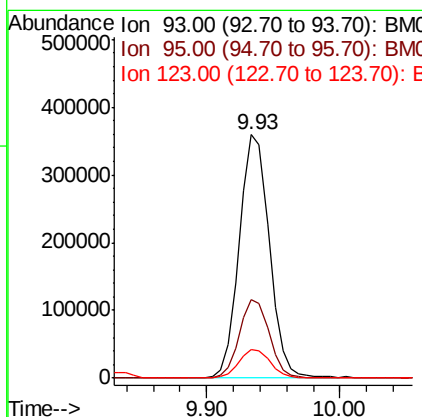
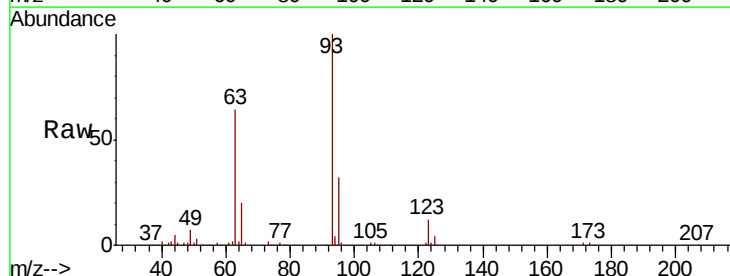
Instrument :
 BNA_M
 ClientSampleId :
 PB116655BS

Tgt Ion	Ratio	Lower	Upper
122	100		
107	116.7	91.9	137.9
121	59.3	47.5	71.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 39.649 ng
 RT: 9.93 min Scan# 1164
 Delta R.T. -0.02 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	26.6	39.8
123	11.7	9.9	14.9

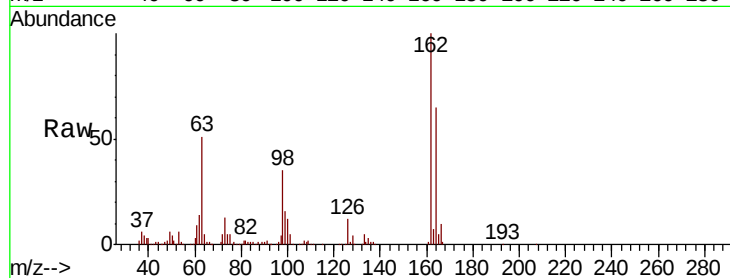




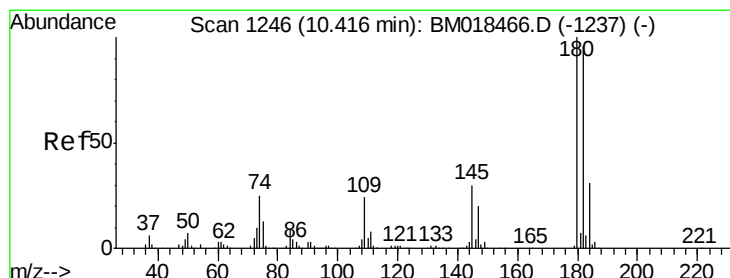
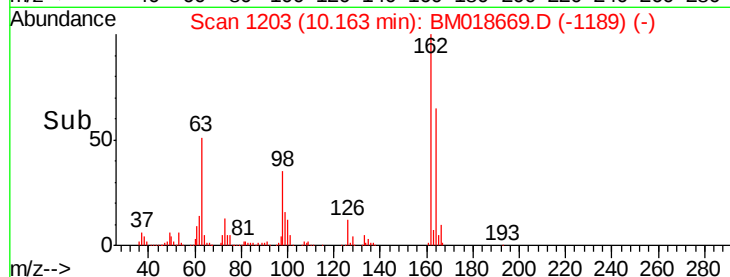
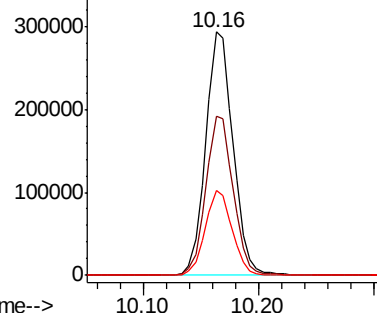
#29
 2,4-Dichlorophenol
 Concen: 41.915 ng
 RT: 10.16 min Scan# 1203
 Delta R.T. -0.02 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Instrument :
 BNA_M
 ClientSampleId :
 PB116655BS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	65.2	45.6	85.6
98	34.7	14.7	54.7

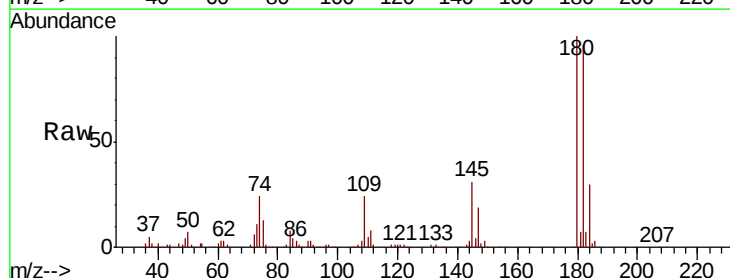


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BM

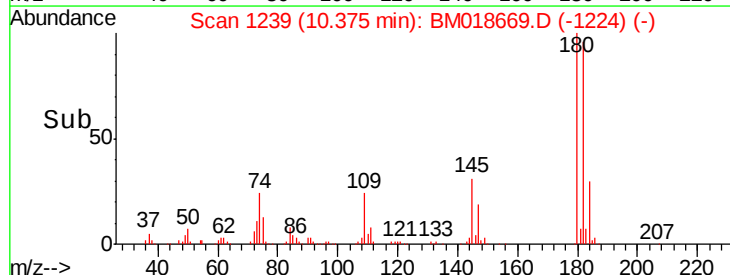
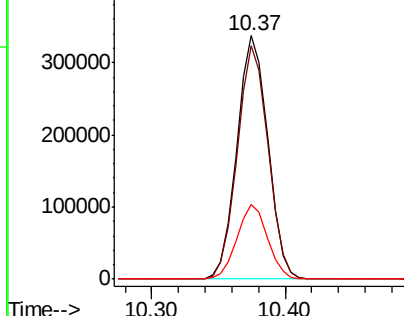


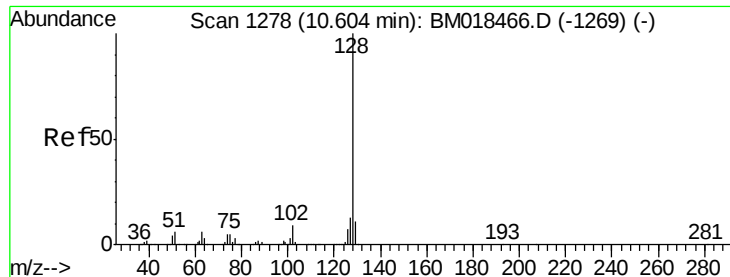
#30
 1,2,4-Trichlorobenzene
 Concen: 37.954 ng
 RT: 10.37 min Scan# 1239
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	77.4	116.2
145	30.5	24.6	37.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

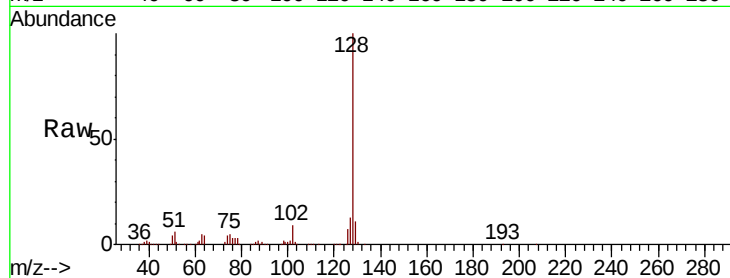




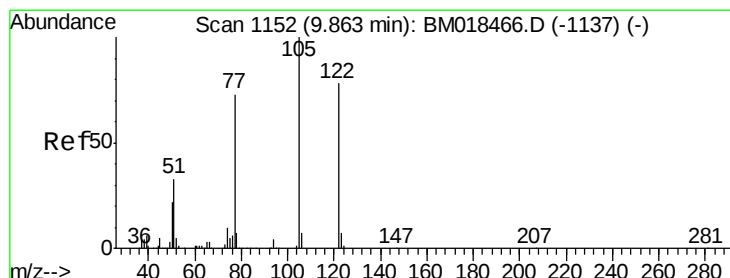
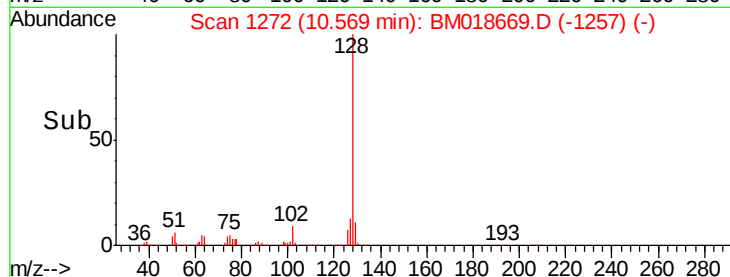
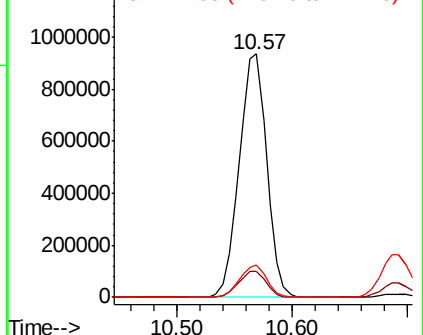
#31
Naphthalene
Concen: 41.053 ng
RT: 10.57 min Scan# 1272
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tgt Ion:128 Resp: 1547243
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.3 10.8 16.2

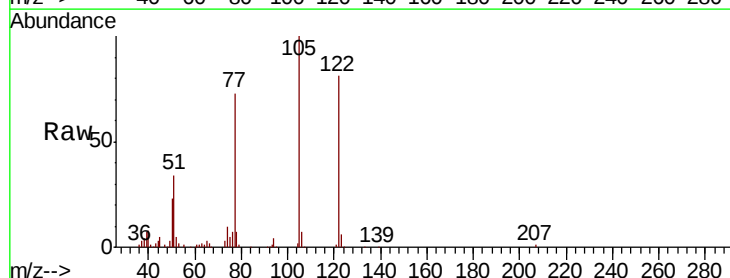


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

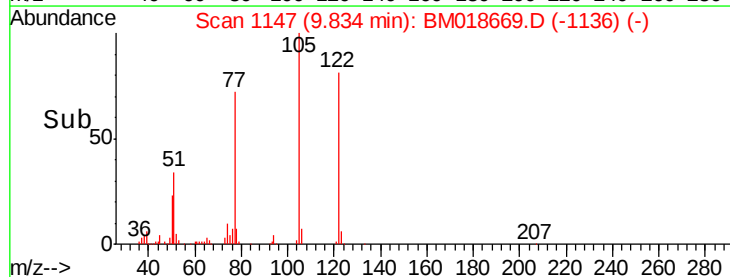
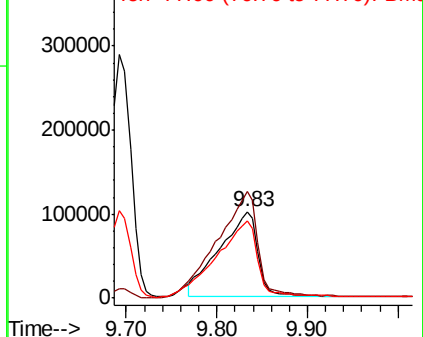


#32
Benzoic acid
Concen: 46.171 ng
RT: 9.83 min Scan# 1147
Delta R.T. -0.04 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion:122 Resp: 297409
Ion Ratio Lower Upper
122 100
105 123.0 100.4 140.4
77 89.9 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

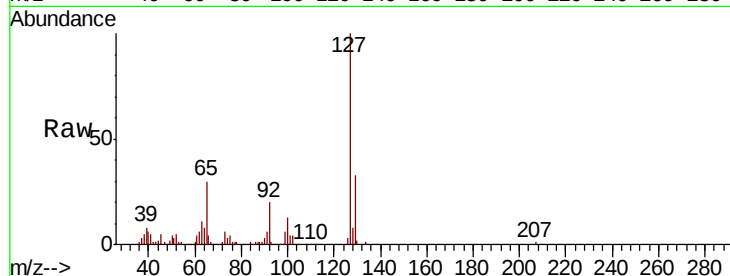




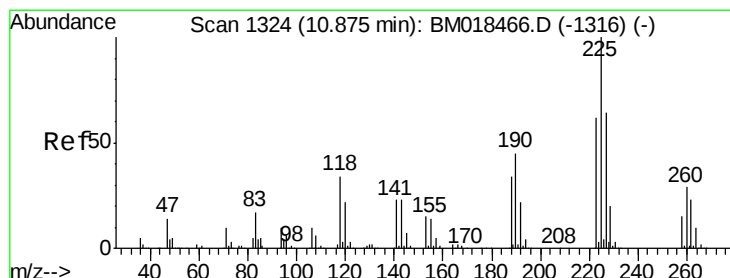
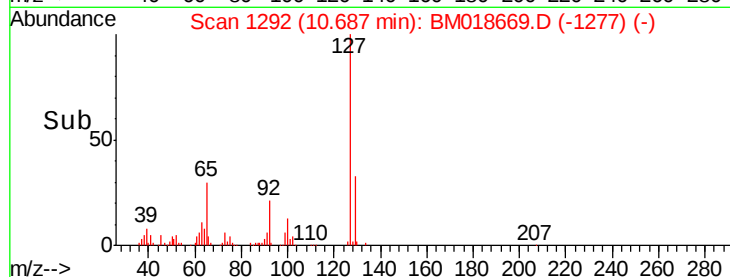
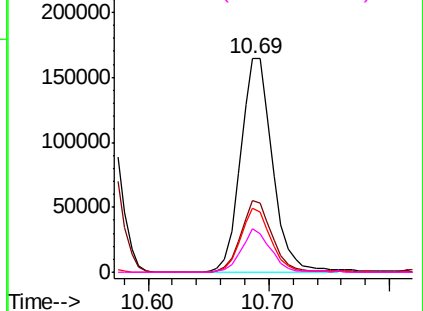
#33
4-Chloroaniline
Concen: 20.441 ng
RT: 10.69 min Scan# 1292
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tgt Ion:	127	Resp:	303407
Ion	Ratio	Lower	Upper
127	100		
129	33.3	25.9	38.9
65	30.1	23.4	35.2
92	20.4	14.5	21.7

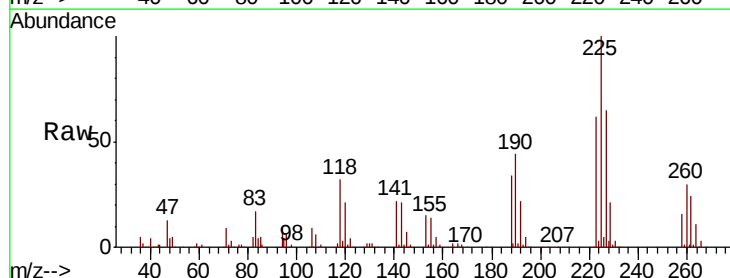


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM
Ion 92.00 (91.70 to 92.70): BM

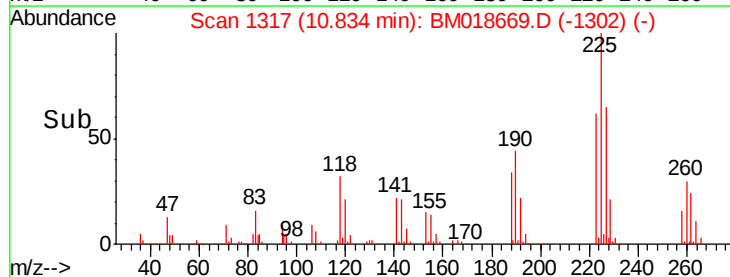
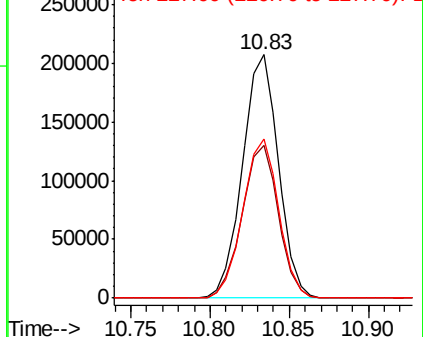


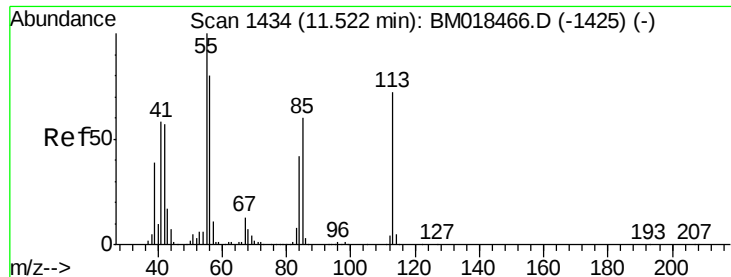
#34
Hexachlorobutadiene
Concen: 36.265 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion:	225	Resp:	325982
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.8	76.2
227	65.3	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

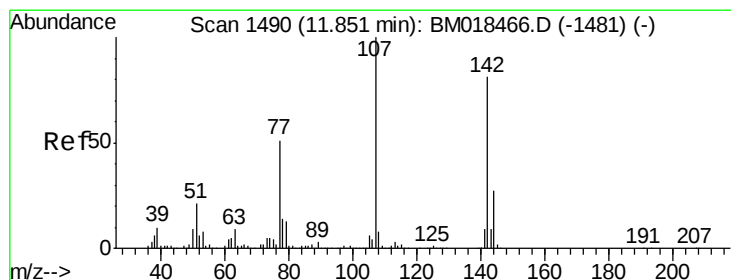
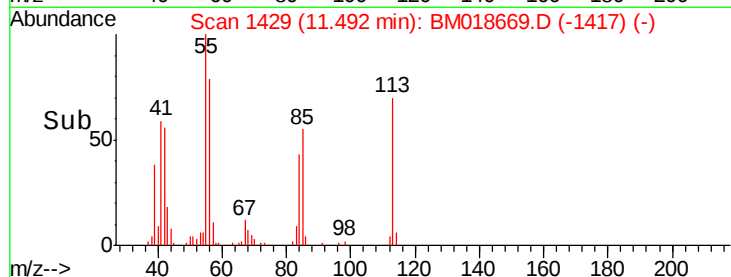
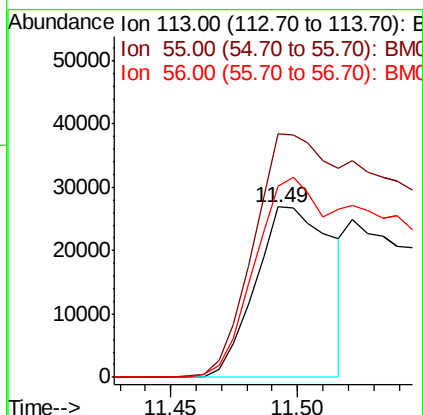
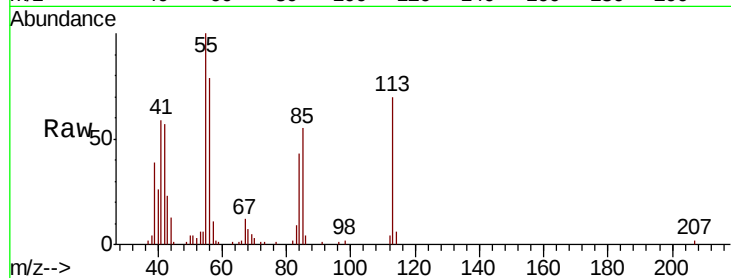




#35
 Caprolactam
 Concen: 14.461 ng
 RT: 11.49 min Scan# 1429
 Delta R.T. -0.03 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

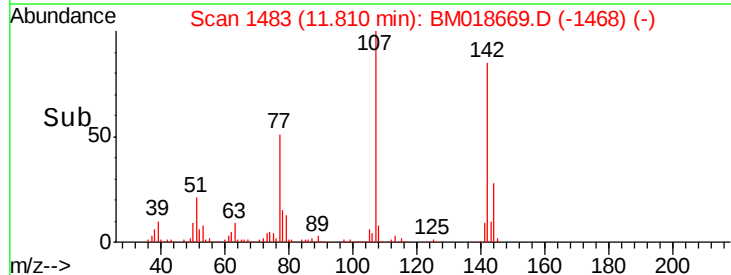
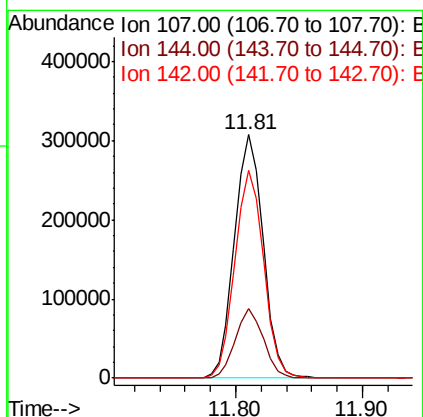
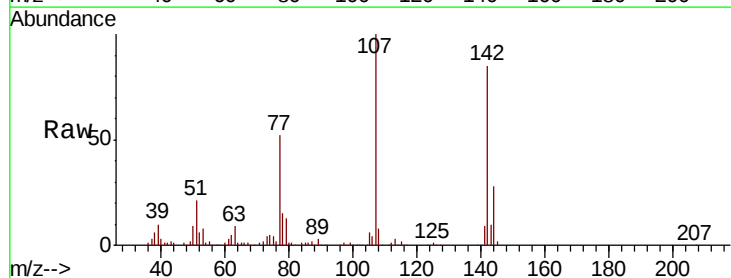
Instrument :
 BNA_M
 ClientSampleId :
 PB116655BS

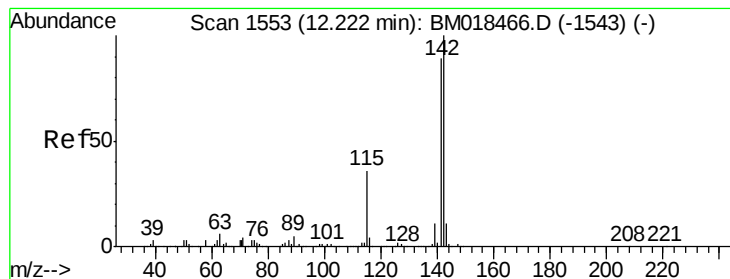
Tgt Ion:113 Resp: 56358
 Ion Ratio Lower Upper
 113 100
 55 143.1 139.3 179.3
 56 112.6 101.4 141.4



#36
 4-Chloro-3-methylphenol
 Concen: 40.259 ng
 RT: 11.81 min Scan# 1483
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Tgt Ion:107 Resp: 484170
 Ion Ratio Lower Upper
 107 100
 144 28.3 21.9 32.9
 142 85.3 67.9 101.9

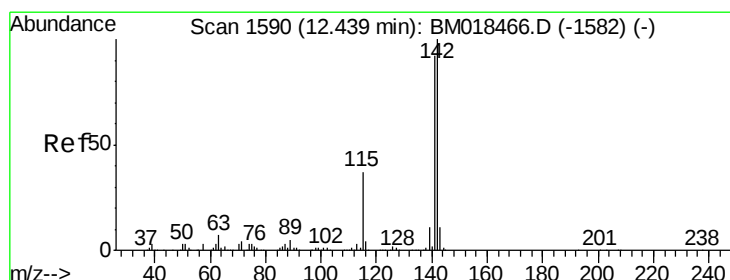
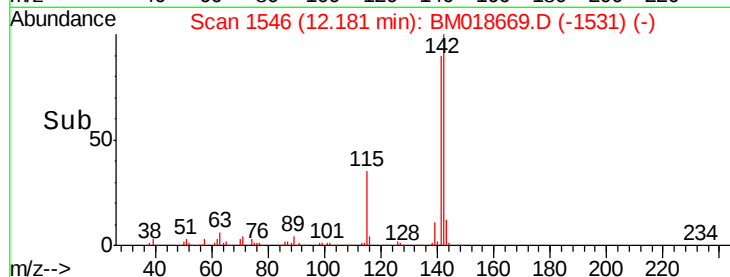
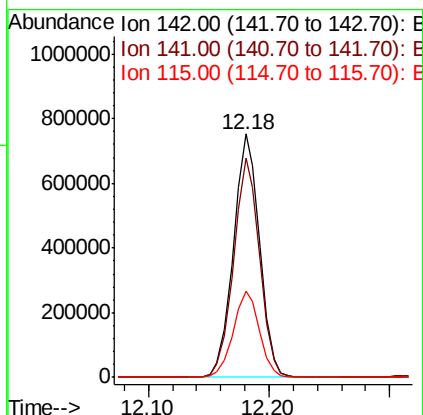
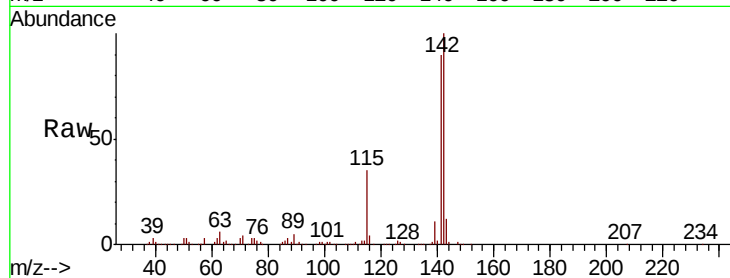




#37
 2-Methylnaphthalene
 Concen: 42.621 ng
 RT: 12.18 min Scan# 1546
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

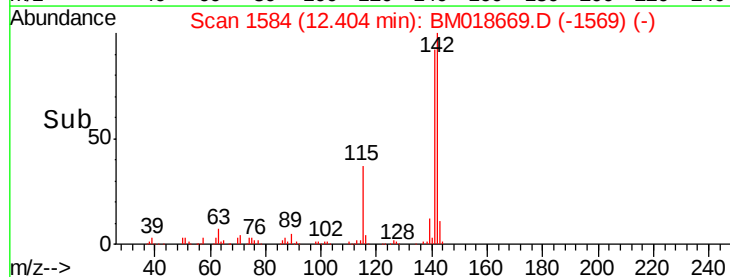
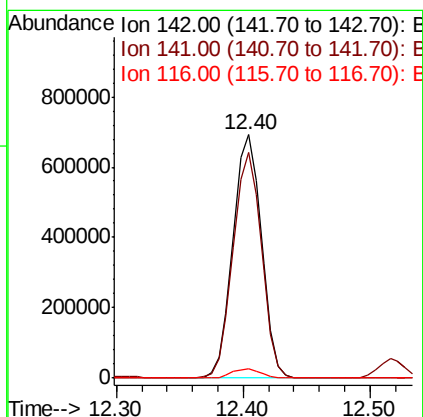
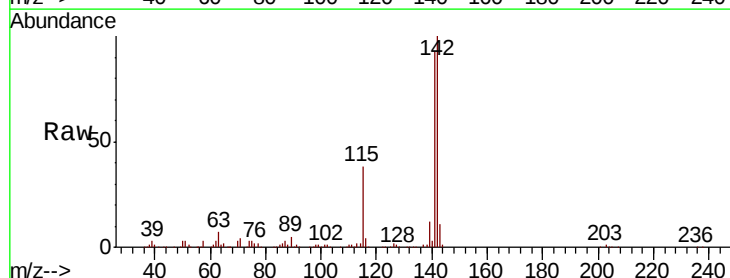
Instrument :
 BNA_M
 ClientSampleId :
 PB116655BS

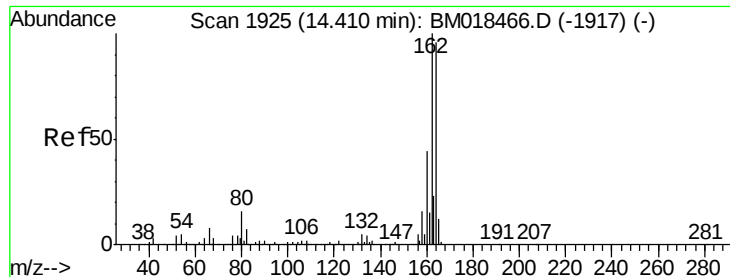
Tgt Ion:142 Resp: 1134960
 Ion Ratio Lower Upper
 142 100
 141 90.2 71.4 107.2
 115 35.4 28.0 42.0



#38
 1-Methylnaphthalene
 Concen: 41.841 ng
 RT: 12.40 min Scan# 1584
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Tgt Ion:142 Resp: 1078057
 Ion Ratio Lower Upper
 142 100
 141 92.8 75.6 113.4
 116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.37 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

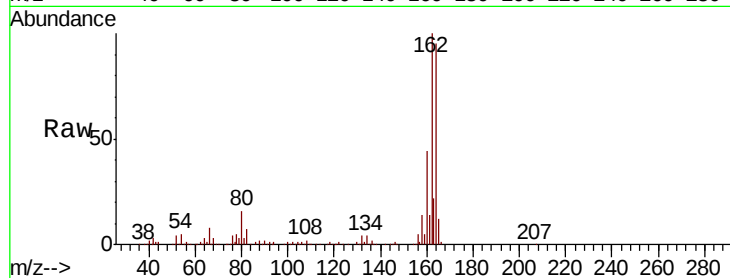
Tgt Ion:164 Resp: 442729

Ion Ratio Lower Upper

164 100

162 105.7 83.0 124.4

160 46.1 37.1 55.7

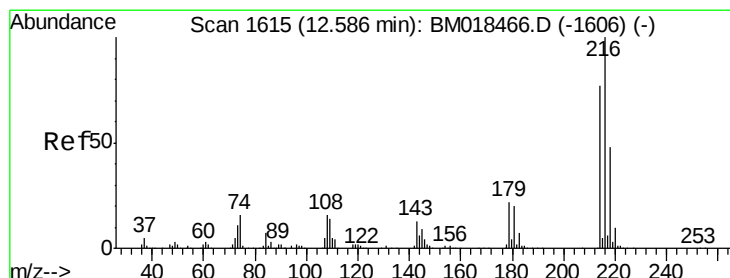
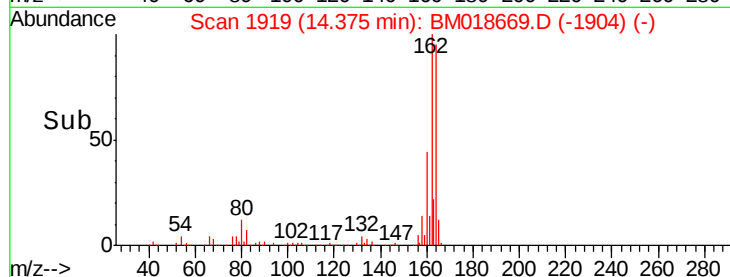
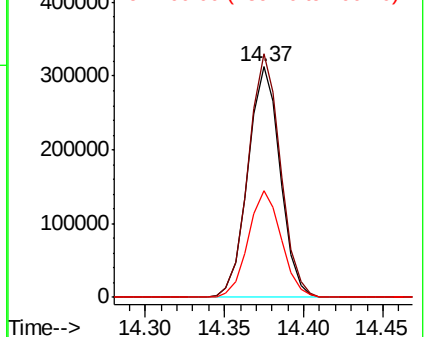


Abundance

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: 38.145 ng

RT: 12.55 min Scan# 1609

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Tgt Ion:216 Resp: 590564

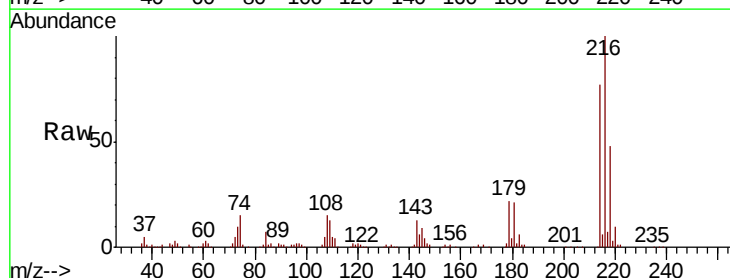
Ion Ratio Lower Upper

216 100

214 77.6 63.4 95.0

179 22.1 17.9 26.9

108 19.5 15.8 23.6



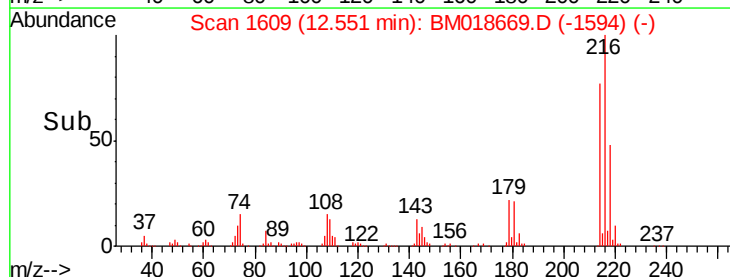
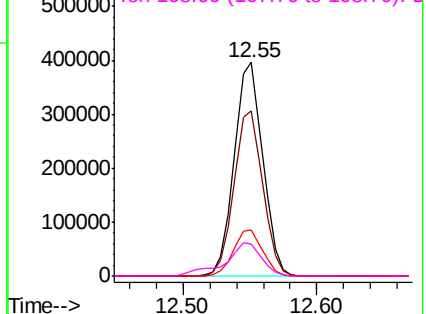
Abundance

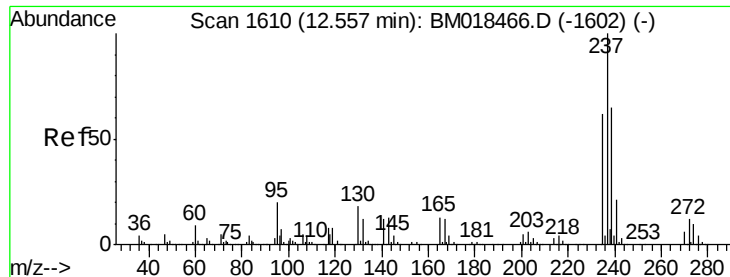
Ion 216.00 (215.70 to 216.70): E

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: 77.230 ng

RT: 12.52 min Scan# 1603

Delta R.T. -0.02 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

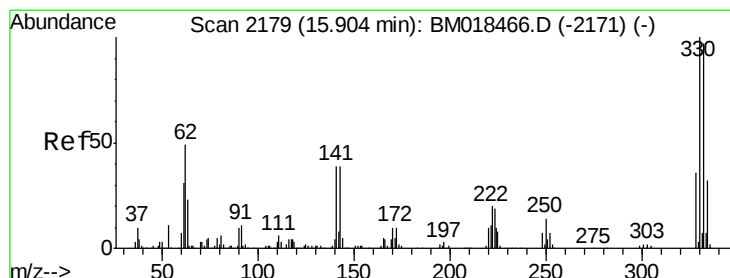
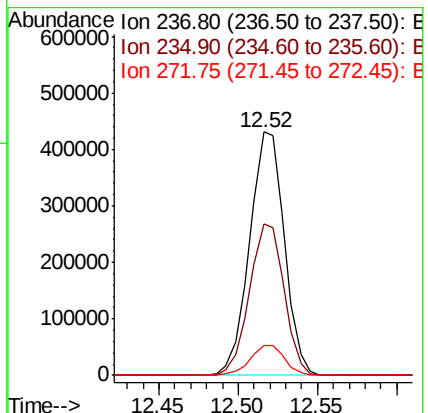
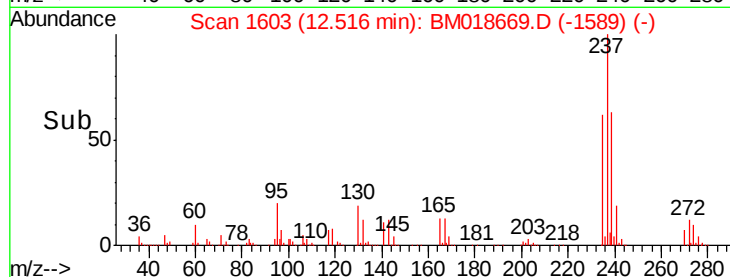
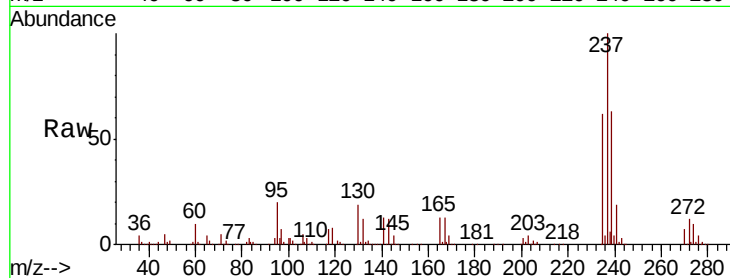
Tgt Ion:237 Resp: 656224

Ion Ratio Lower Upper

237 100

235 62.4 42.8 82.8

272 12.0 0.0 31.9



#42

2,4,6-Tribromophenol

Concen: 145.502 ng

RT: 15.87 min Scan# 2174

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

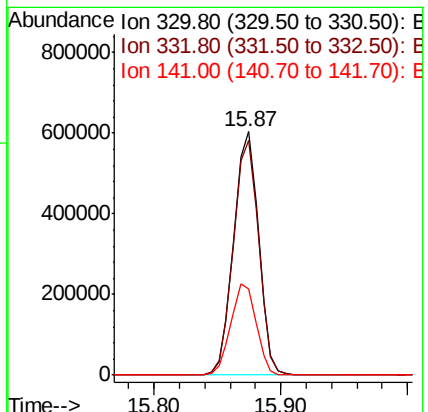
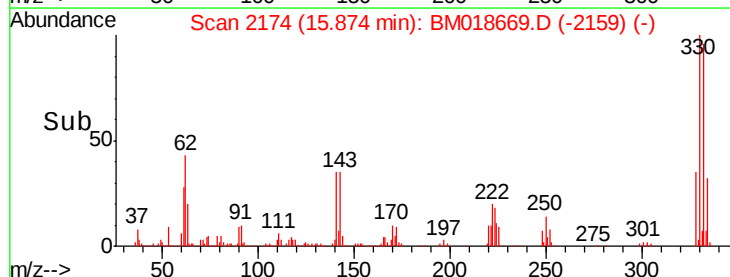
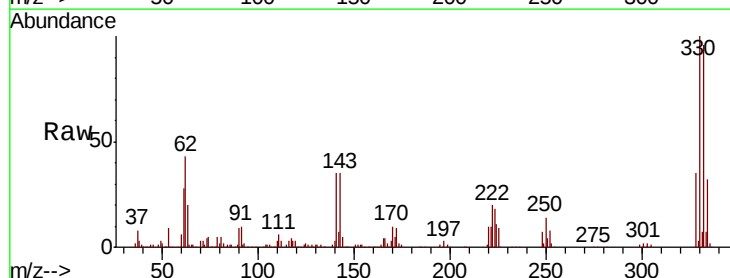
Tgt Ion:330 Resp: 820220

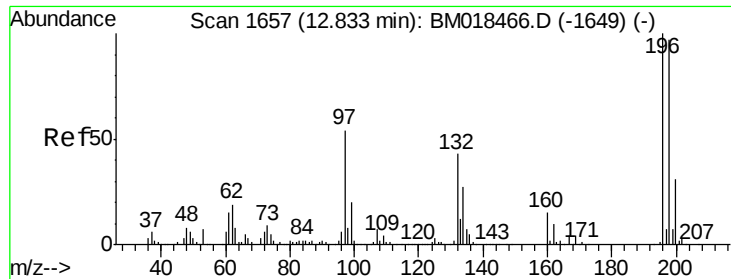
Ion Ratio Lower Upper

330 100

332 97.3 77.6 116.4

141 38.2 31.7 47.5

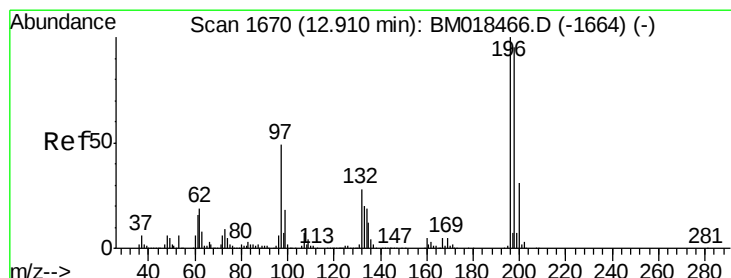
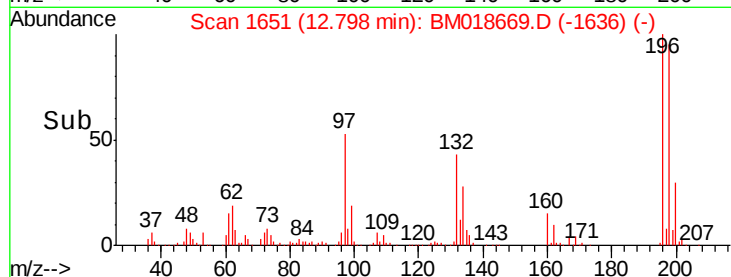
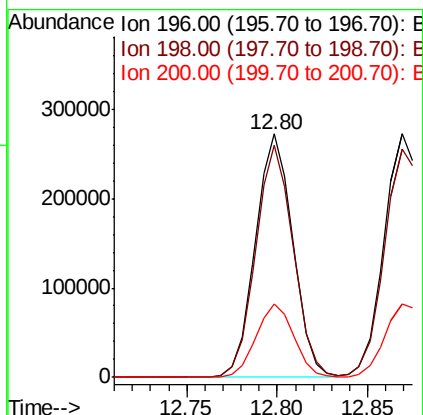
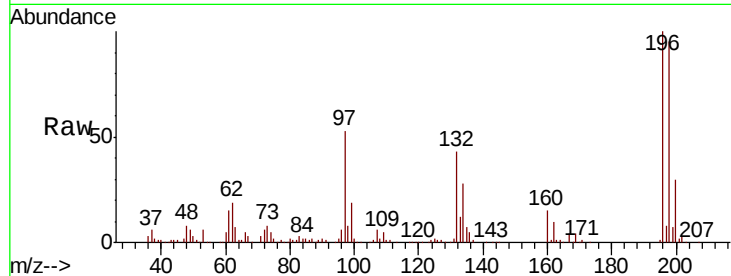




#43
 2,4,6-Trichlorophenol
 Concen: 41.621 ng
 RT: 12.80 min Scan# 1651
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

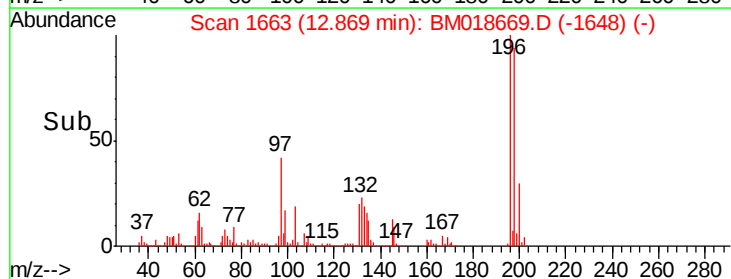
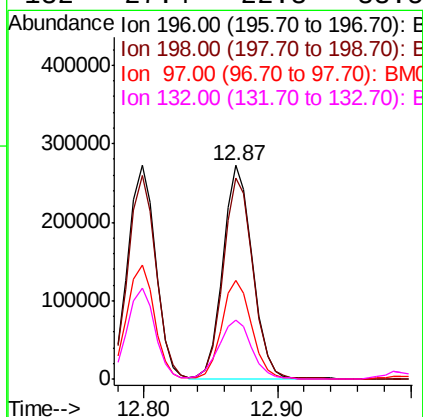
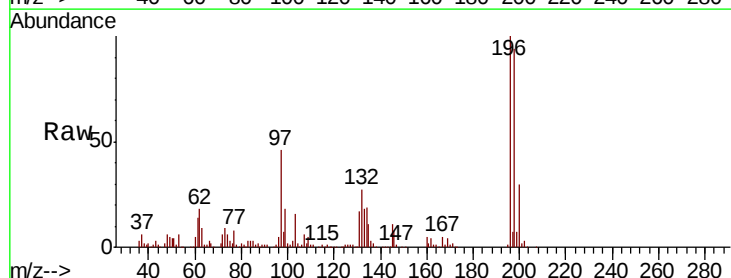
Instrument :
 BNA_M
 ClientSampleId :
 PB116655BS

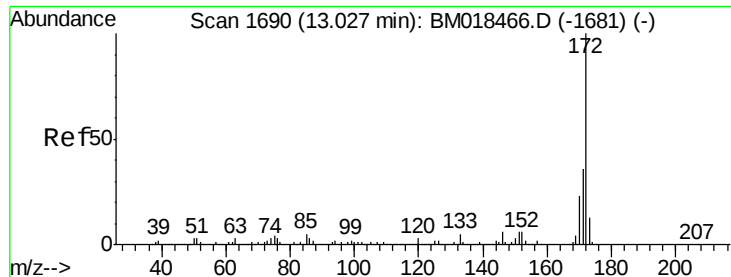
Tgt Ion:196 Resp: 391308
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.6 115.0
 200 30.2 24.2 36.4



#44
 2,4,5-Trichlorophenol
 Concen: 42.692 ng
 RT: 12.87 min Scan# 1663
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Tgt Ion:196 Resp: 422132
 Ion Ratio Lower Upper
 196 100
 198 93.8 76.7 115.1
 97 46.1 39.2 58.8
 132 27.4 22.3 33.5

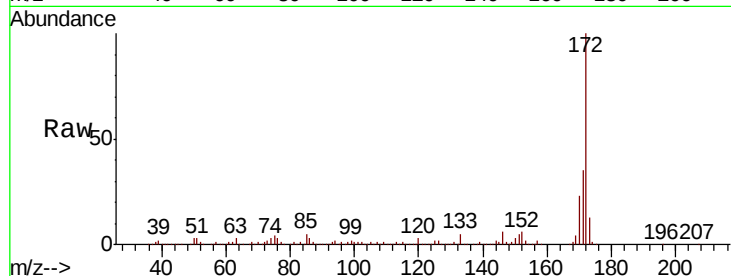




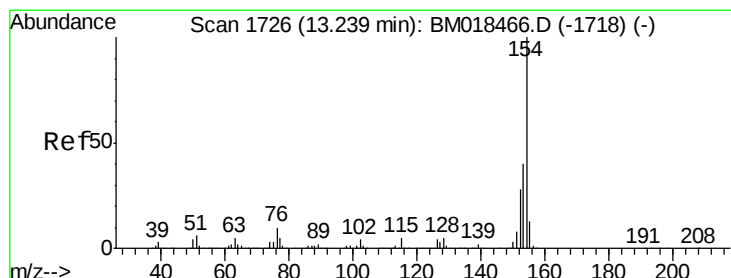
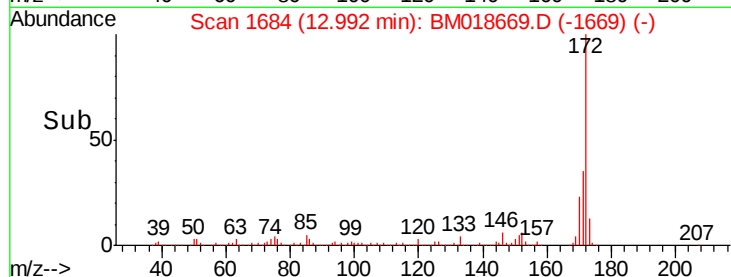
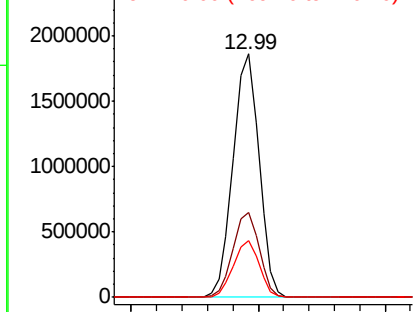
#45
2-Fluorobiphenyl
Concen: 77.992 ng
RT: 12.99 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tgt Ion:172 Resp: 2646208
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.2 18.9 28.3

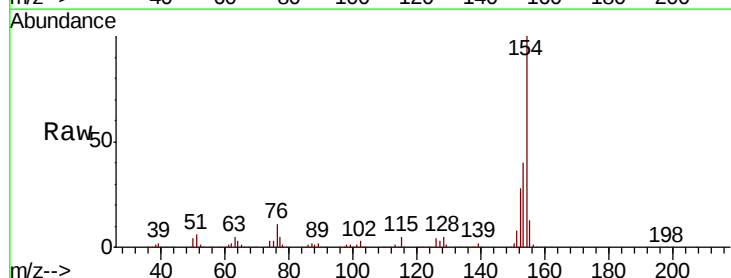


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

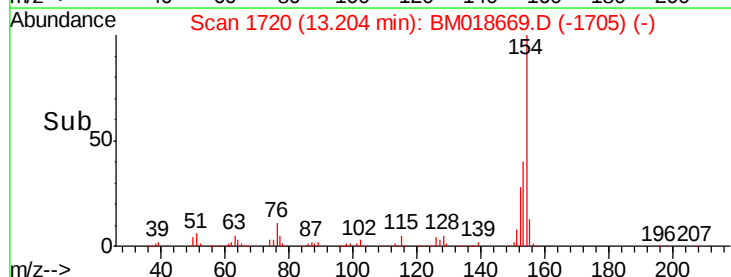
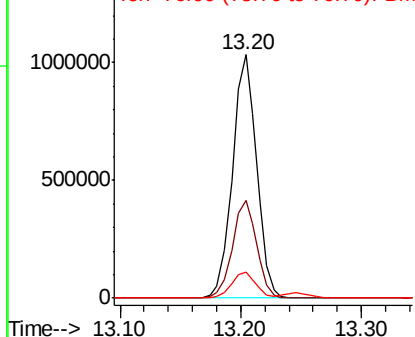


#46
1,1'-Biphenyl
Concen: 37.034 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion:154 Resp: 1431617
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 10.6 0.0 31.9



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BM

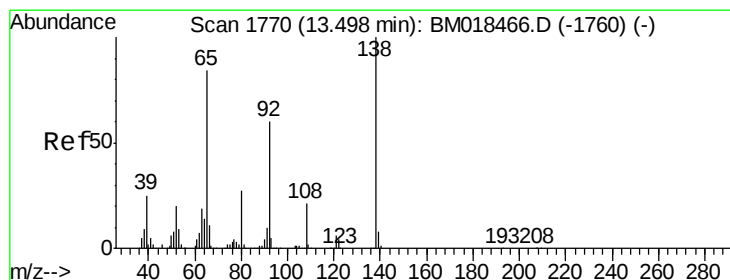
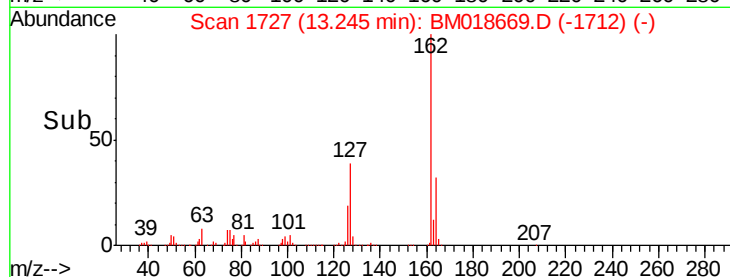
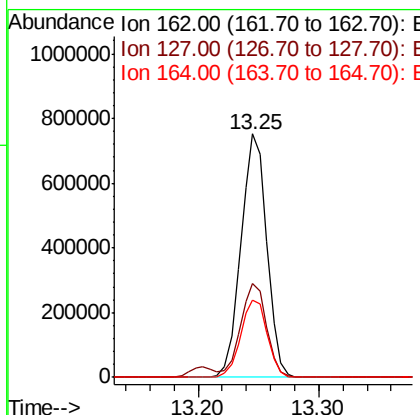
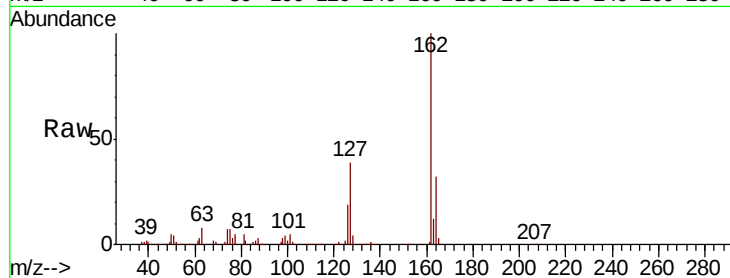




#47
 2-Chloronaphthalene
 Concen: 37.384 ng
 RT: 13.25 min Scan# 1727
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

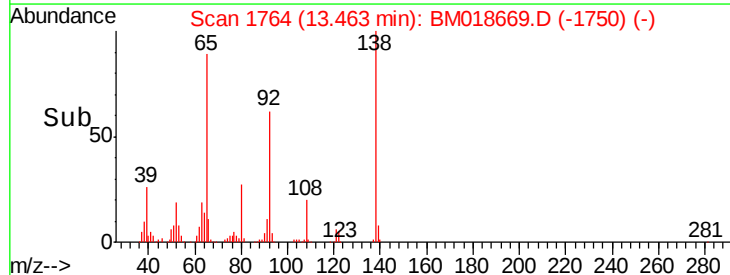
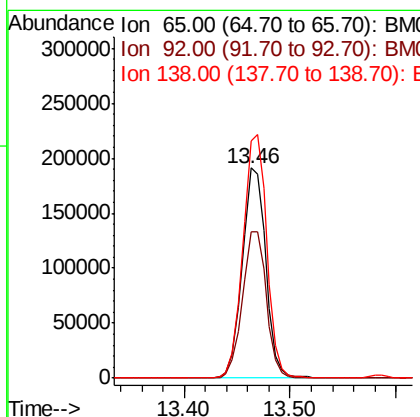
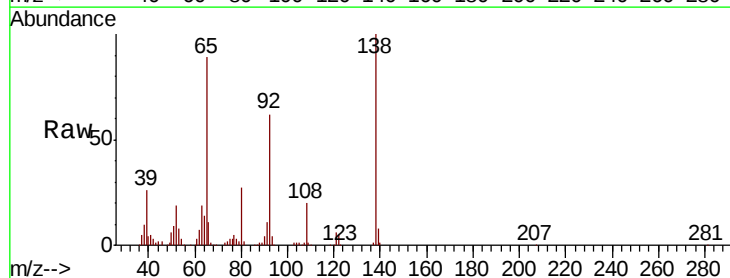
Instrument :
 BNA_M
 ClientSampleId :
 PB116655BS

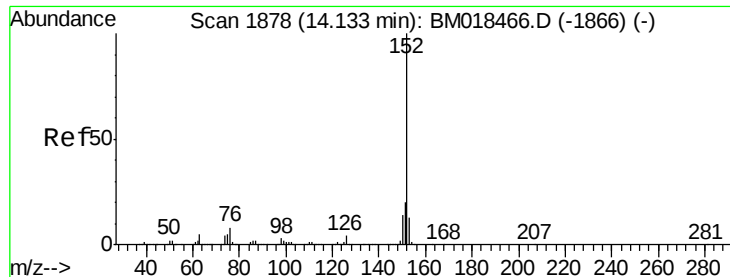
Tgt Ion: 162 Resp: 1120668
 Ion Ratio Lower Upper
 162 100
 127 38.6 31.4 47.0
 164 31.8 26.2 39.4



#48
 2-Nitroaniline
 Concen: 40.007 ng
 RT: 13.46 min Scan# 1764
 Delta R.T. -0.02 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Tgt Ion: 65 Resp: 295049
 Ion Ratio Lower Upper
 65 100
 92 69.6 53.4 80.2
 138 112.9 88.9 133.3





#49

Acenaphthylene

Concen: 41.395 ng

RT: 14.10 min Scan# 1872

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

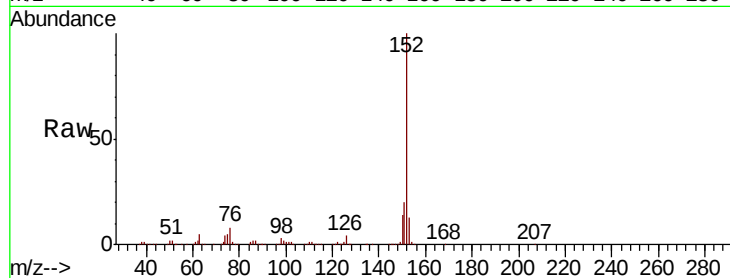
Tgt Ion:152 Resp: 1808386

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

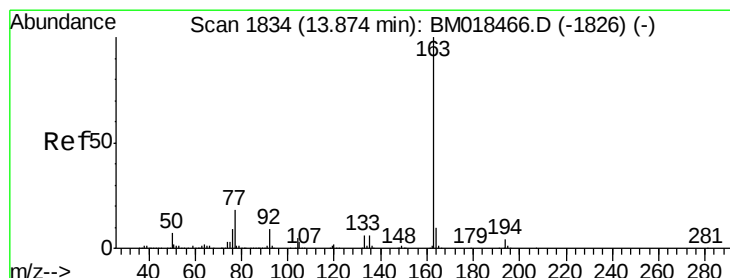
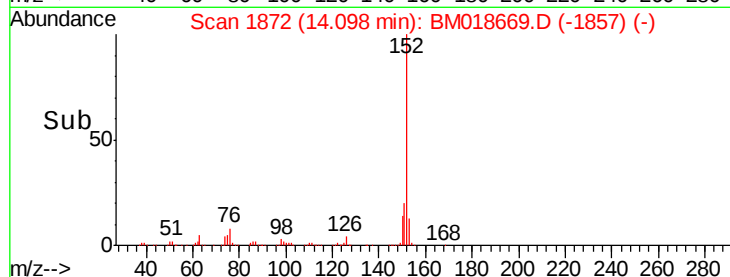
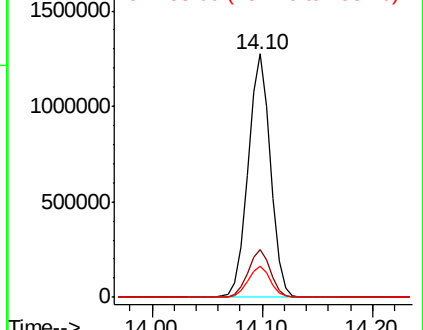
153 13.0 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 37.986 ng

RT: 13.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

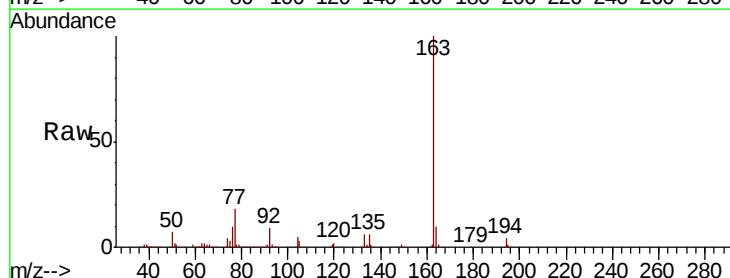
Tgt Ion:163 Resp: 1381158

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

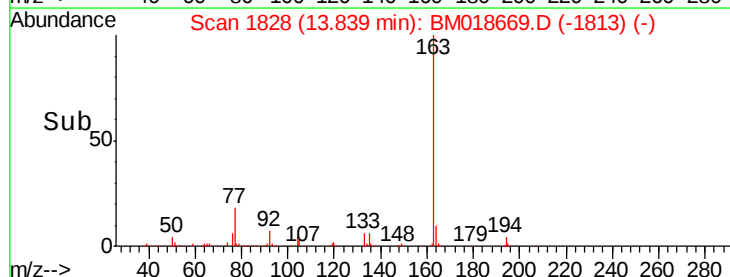
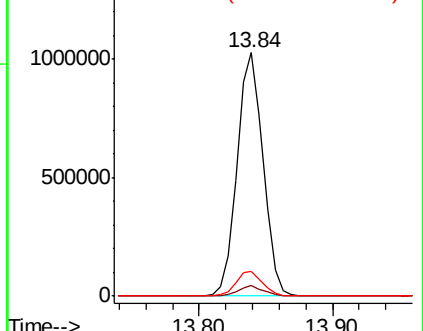
164 10.3 7.8 11.8

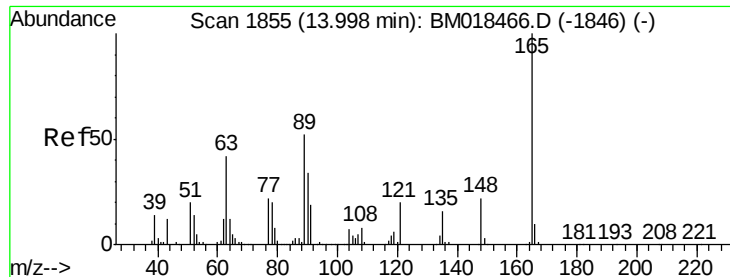


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

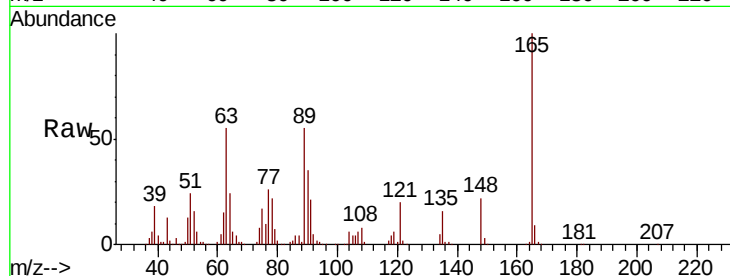




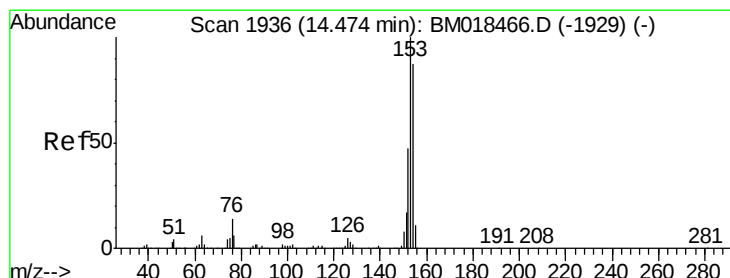
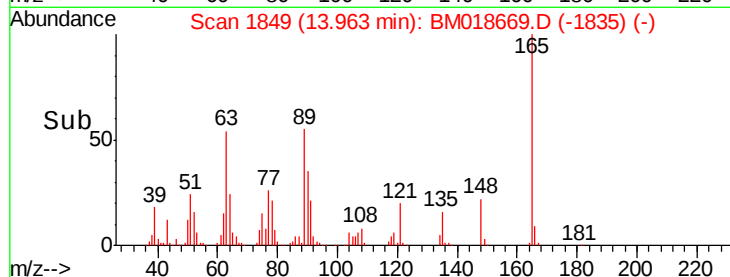
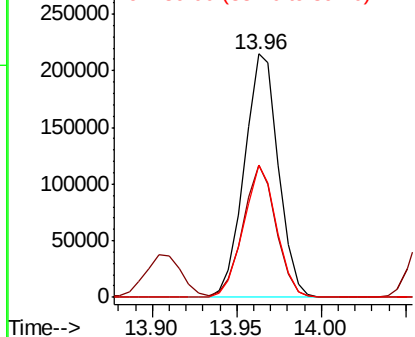
#51
2,6-Dinitrotoluene
Concen: 39.155 ng
RT: 13.96 min Scan# 1849
Delta R.T. -0.02 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tgt Ion:165 Resp: 301570
Ion Ratio Lower Upper
165 100
63 54.5 45.6 68.4
89 54.5 44.6 66.8

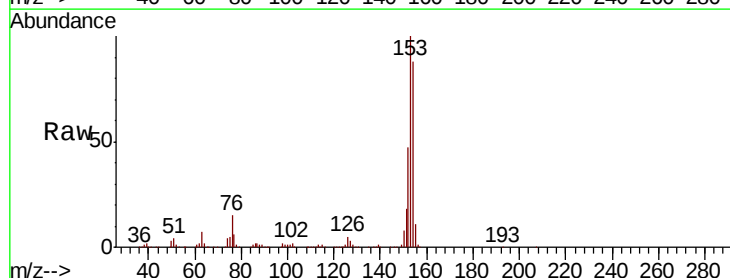


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BM018466.D (-1846) (-)
Ion 89.00 (88.70 to 89.70): BM018466.D (-1846) (-)

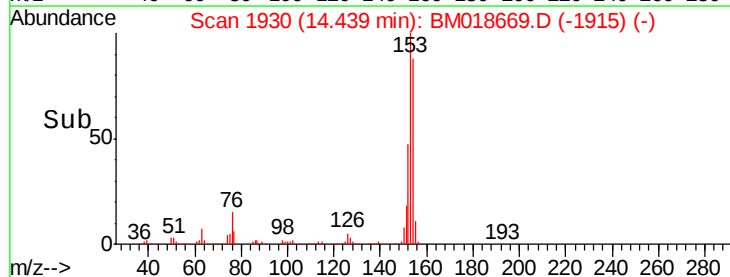
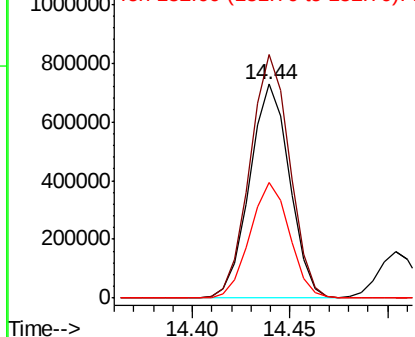


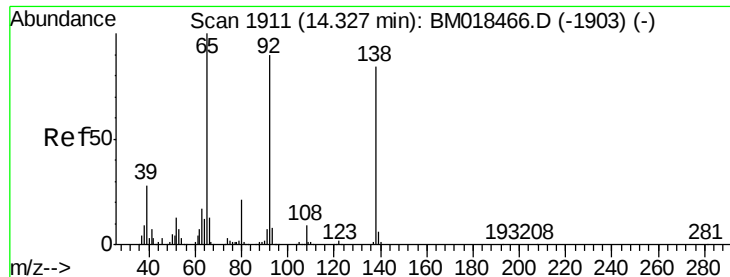
#52
Acenaphthene
Concen: 38.732 ng
RT: 14.44 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion:154 Resp: 1035279
Ion Ratio Lower Upper
154 100
153 113.8 92.3 138.5
152 53.8 43.8 65.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

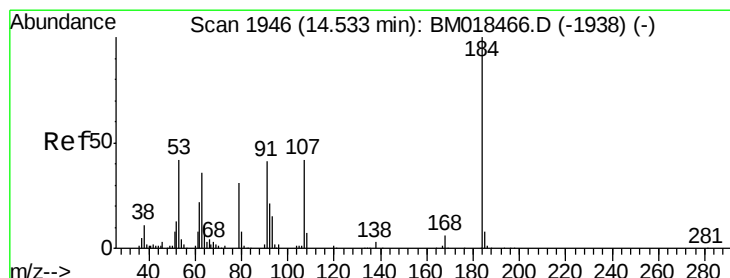
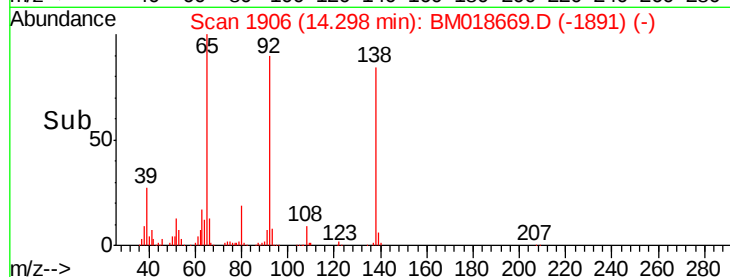
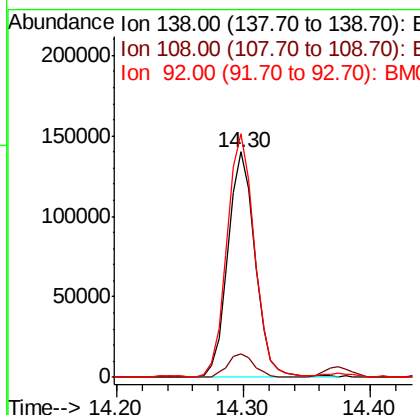
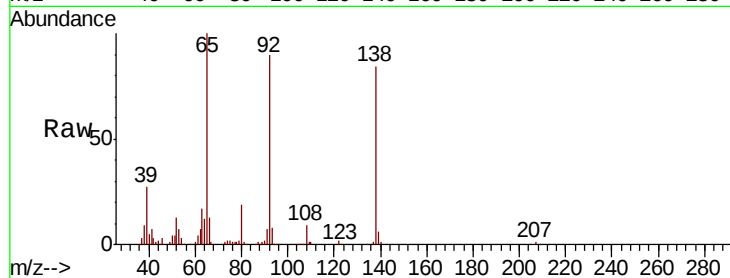




#53
3-Nitroaniline
Concen: 26.850 ng
RT: 14.30 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

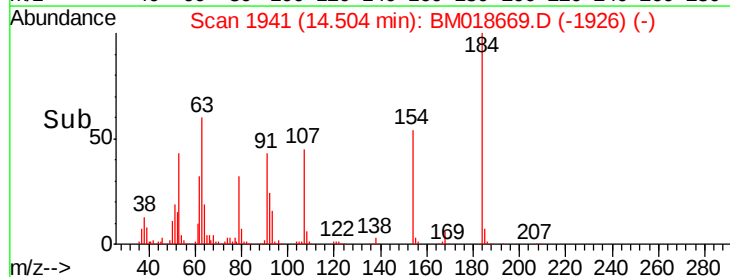
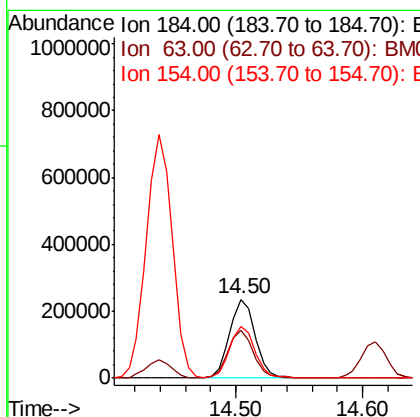
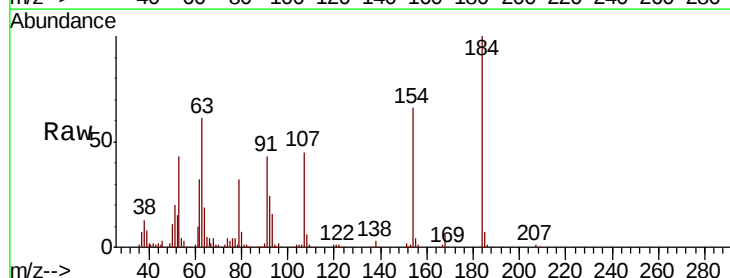
Instrument :
BNA_M
ClientSampleId :
PB116655BS

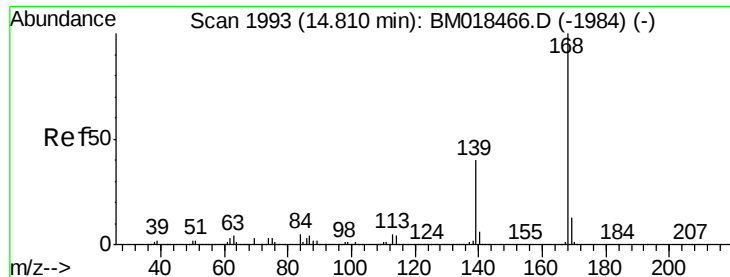
Tgt Ion:138 Resp: 208484
Ion Ratio Lower Upper
138 100
108 10.2 9.1 13.7
92 108.0 88.2 132.2



#54
2,4-Dinitrophenol
Concen: 79.018 ng
RT: 14.50 min Scan# 1941
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion:184 Resp: 329053
Ion Ratio Lower Upper
184 100
63 60.9 55.9 83.9
154 66.3 54.2 81.4

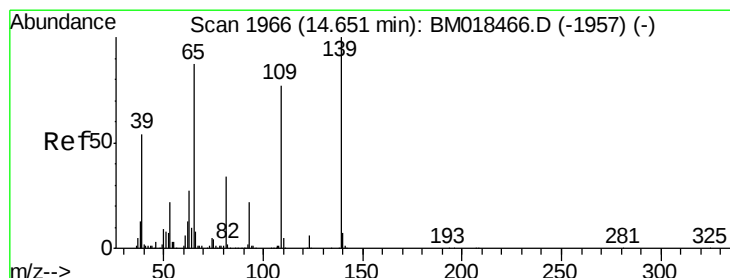
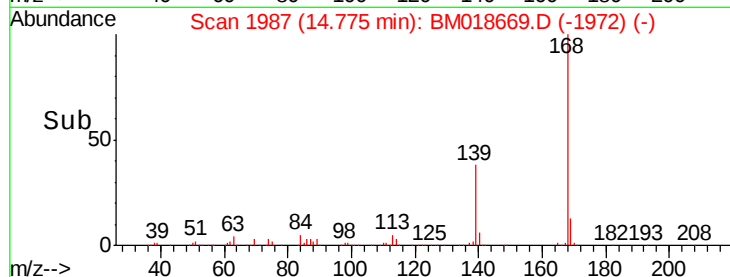
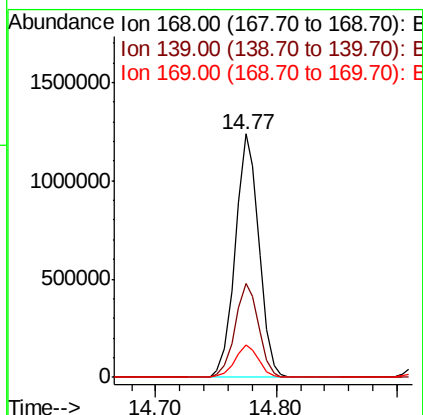
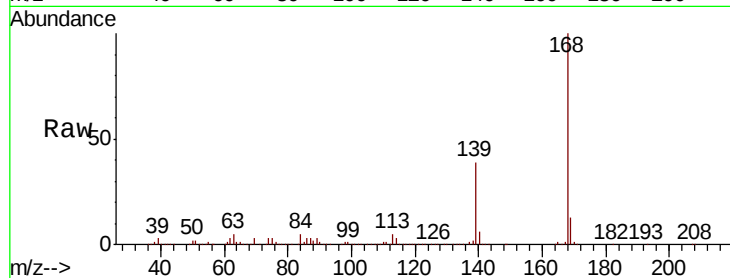




#55
Dibenzofuran
Concen: 38.107 ng
RT: 14.77 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

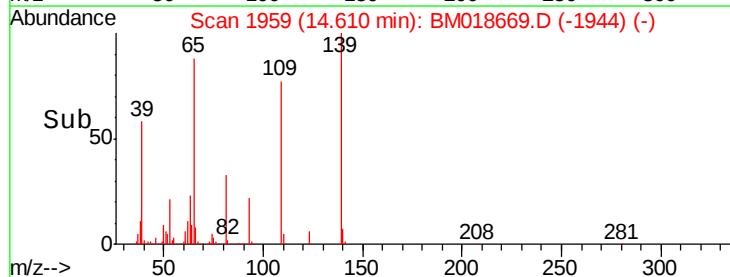
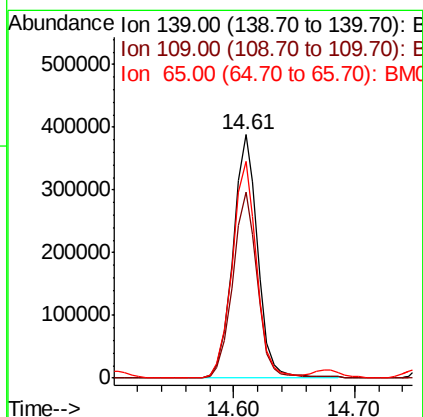
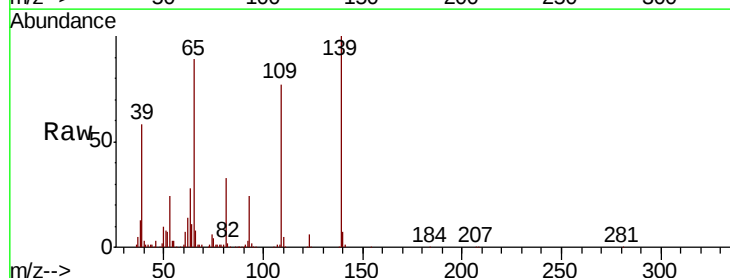
Instrument :
BNA_M
ClientSampleId :
PB116655BS

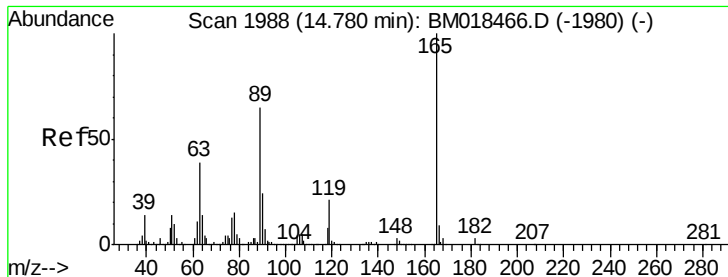
Tgt Ion:168 Resp: 1682968
Ion Ratio Lower Upper
168 100
139 38.5 30.3 45.5
169 13.3 10.6 16.0



#56
4-Nitrophenol
Concen: 82.533 ng
RT: 14.61 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion:139 Resp: 553632
Ion Ratio Lower Upper
139 100
109 76.5 51.7 91.7
65 88.8 71.4 111.4





#57

2,4-Dinitrotoluene

Concen: 38.954 ng

RT: 14.75 min Scan# 1983

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

Tgt Ion:165 Resp: 424500

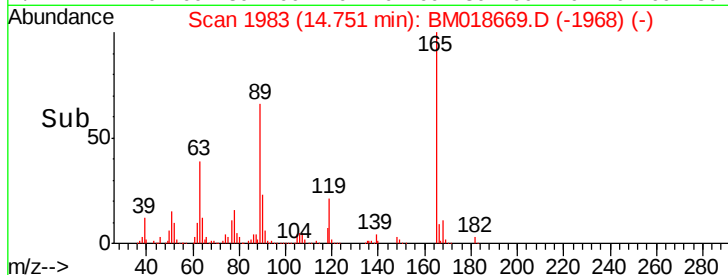
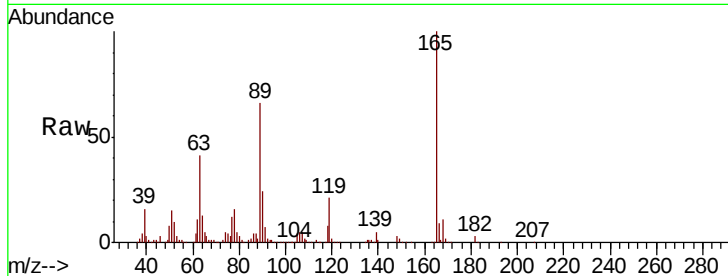
Ion Ratio Lower Upper

165 100

63 41.3 32.2 48.2

89 66.3 52.1 78.1

182 3.1 2.5 3.7

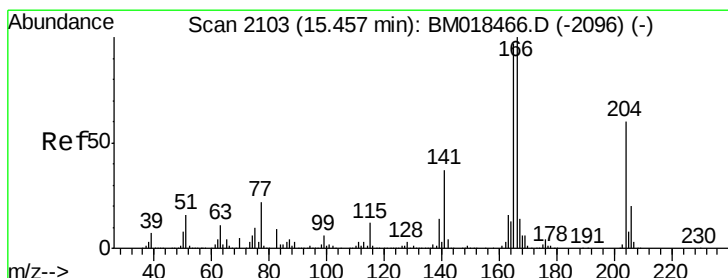
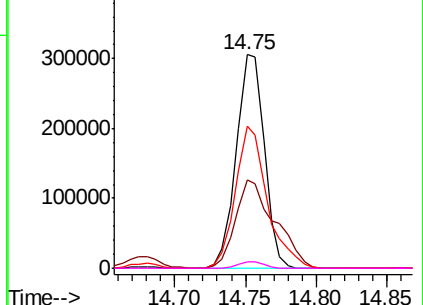


Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.137 ng

RT: 15.43 min Scan# 2098

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

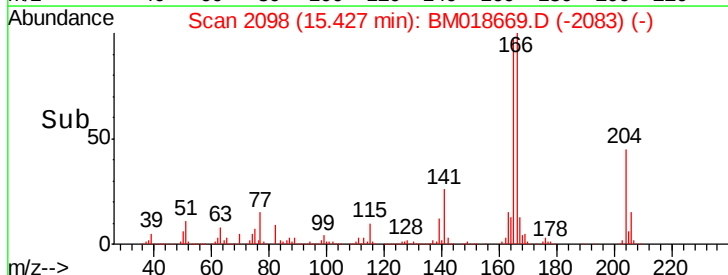
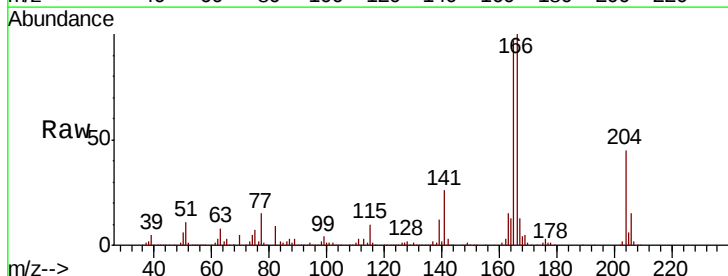
Tgt Ion:166 Resp: 1353400

Ion Ratio Lower Upper

166 100

165 96.8 78.3 117.5

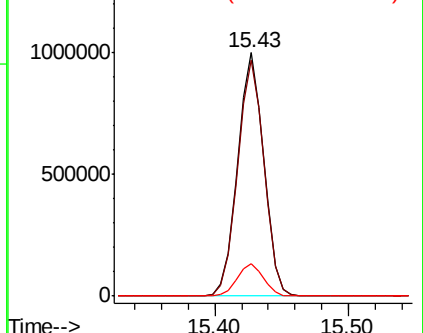
167 13.4 10.9 16.3

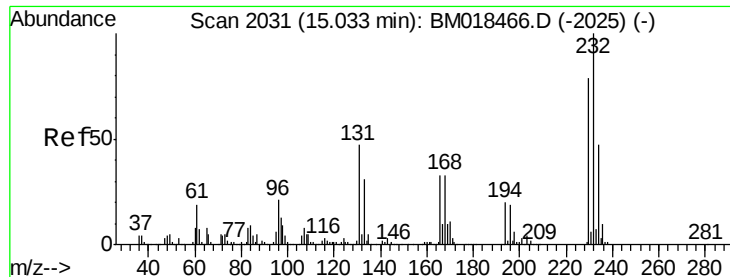


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

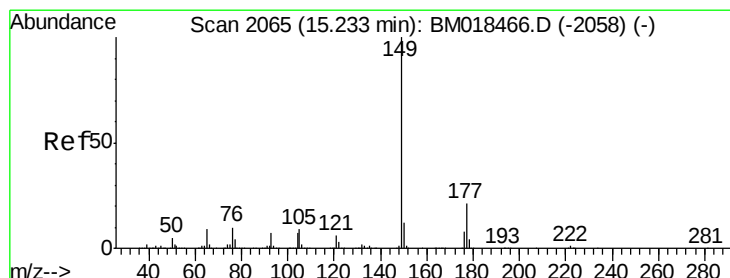
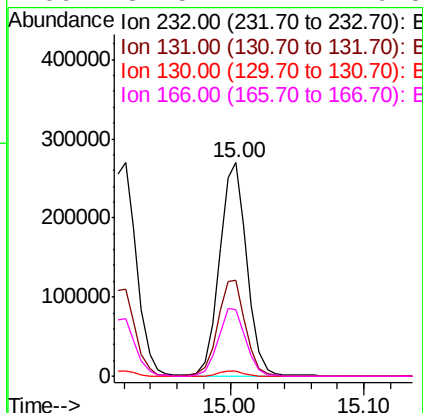
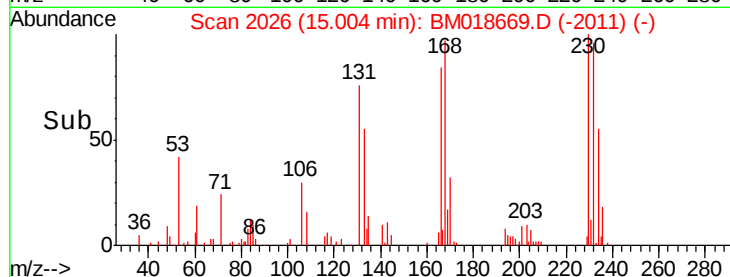
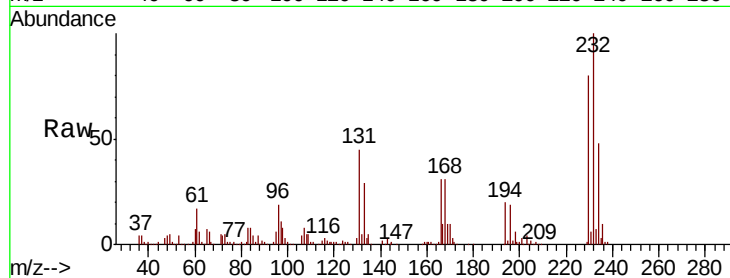




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.683 ng
RT: 15.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

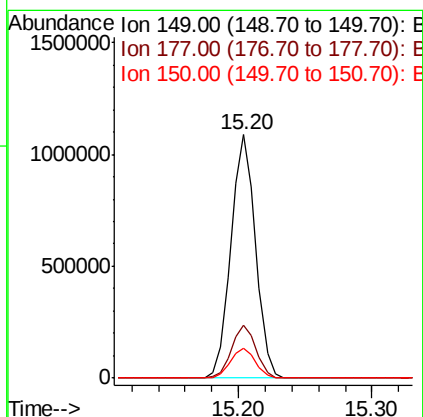
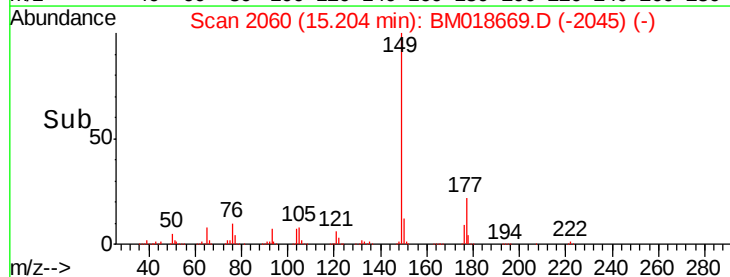
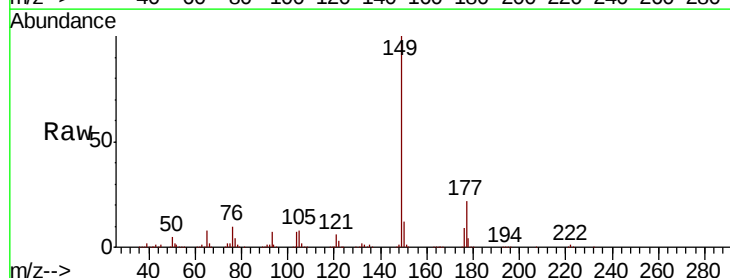
Instrument :
BNA_M
ClientSampleId :
PB116655BS

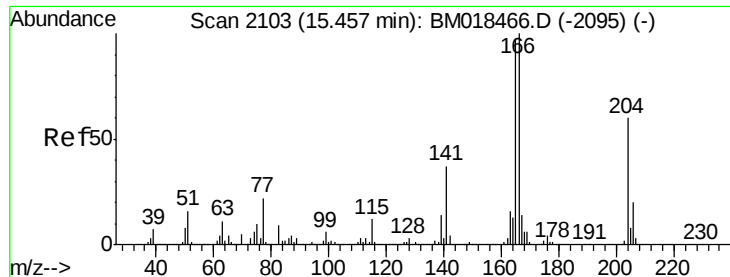
Tgt Ion	Ratio	Lower	Upper
232	100		
131	45.8	38.6	57.8
130	2.4	2.2	3.4
166	32.5	27.2	40.8



#60
Diethylphthalate
Concen: 38.157 ng
RT: 15.20 min Scan# 2060
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.1	25.7
150	12.3	9.8	14.6

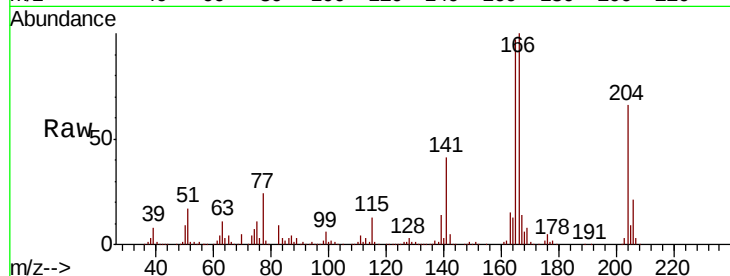




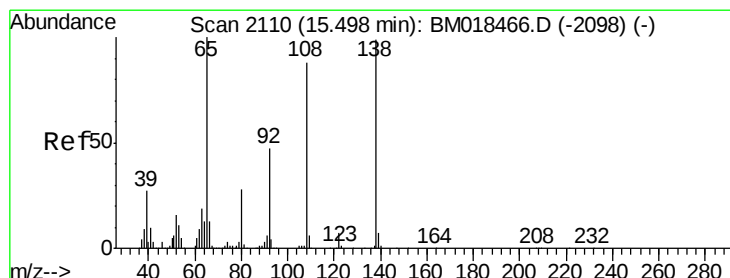
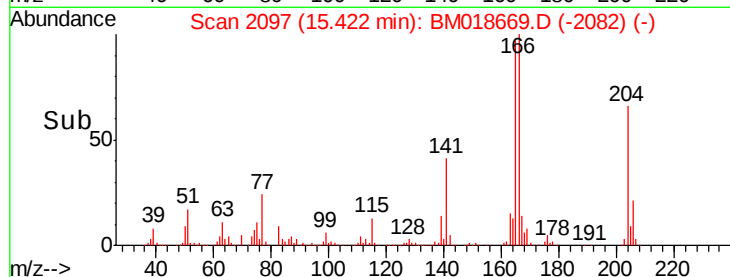
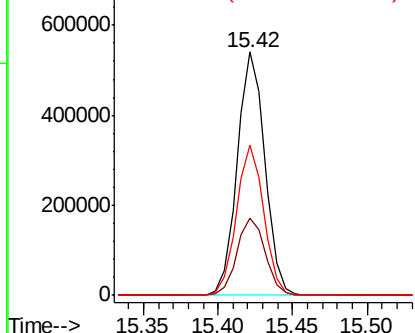
#61
4-Chlorophenyl-phenylether
Concen: 36.726 ng
RT: 15.42 min Scan# 2097
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tgt Ion:204 Resp: 696396
Ion Ratio Lower Upper
204 100
206 31.9 25.8 38.6
141 61.5 49.5 74.3

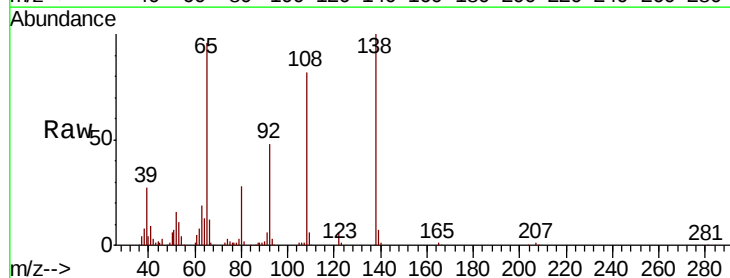


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

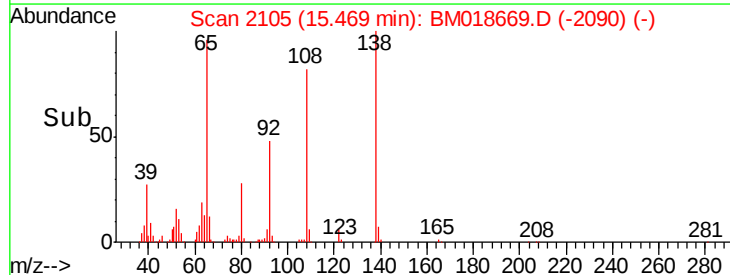
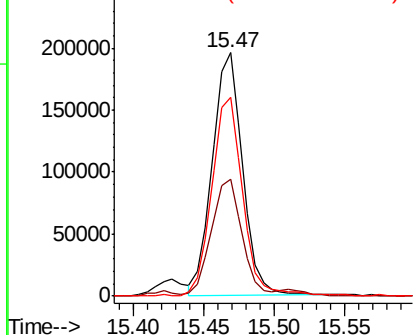


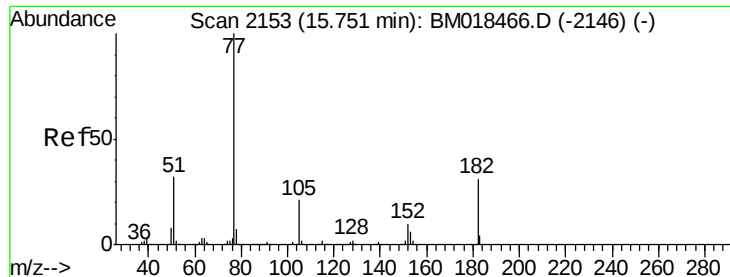
#62
4-Nitroaniline
Concen: 34.430 ng
RT: 15.47 min Scan# 2105
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion:138 Resp: 291599
Ion Ratio Lower Upper
138 100
92 48.1 29.0 69.0
108 81.7 63.9 103.9



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BM0
Ion 108.00 (107.70 to 108.70): E

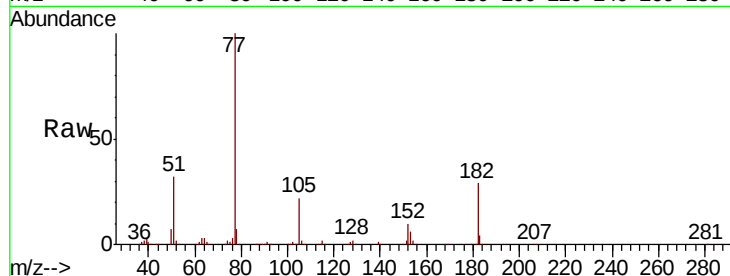




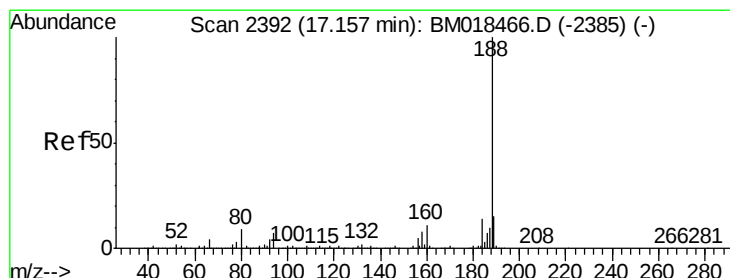
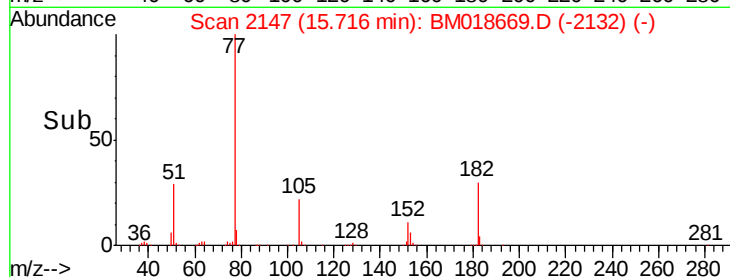
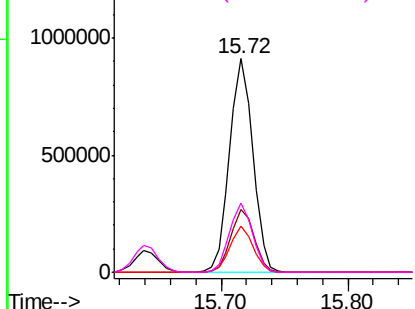
#63
Azobenzene
Concen: 38.691 ng
RT: 15.72 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tgt Ion: 77 Resp: 1157898
Ion Ratio Lower Upper
77 100
182 29.3 7.4 47.4
105 21.6 0.0 39.6
51 32.3 12.0 52.0

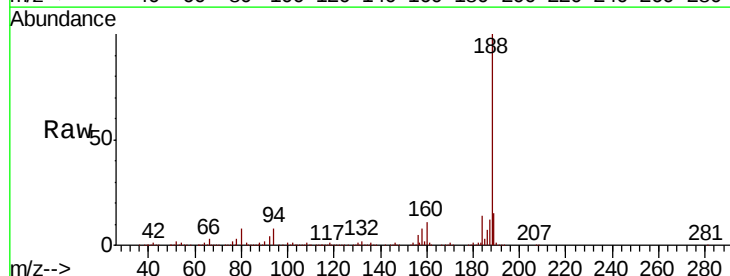


Abundance Ion 77.00 (76.70 to 77.70): BM018466.D (-2146) (-)
Ion 182.00 (181.70 to 182.70): BM018466.D (-2146) (-)
Ion 105.00 (104.70 to 105.70): BM018466.D (-2146) (-)
Ion 51.00 (50.70 to 51.70): BM018466.D (-2146) (-)

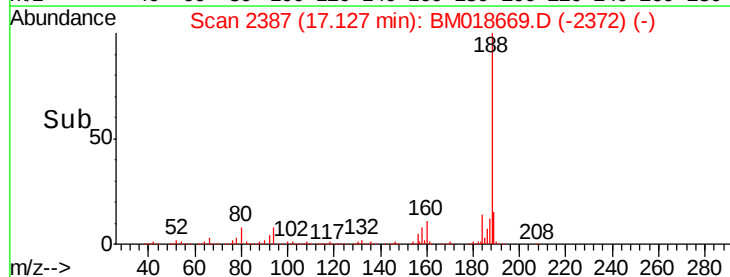
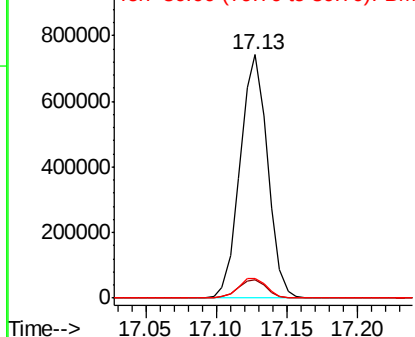


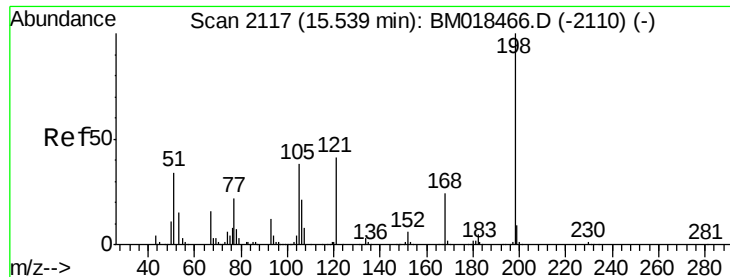
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.13 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion: 188 Resp: 1009388
Ion Ratio Lower Upper
188 100
94 7.5 7.1 10.7
80 8.1 7.6 11.4



Abundance Ion 188.00 (187.70 to 188.70): BM018466.D (-2385) (-)
Ion 94.00 (93.70 to 94.70): BM018466.D (-2385) (-)
Ion 80.00 (79.70 to 80.70): BM018466.D (-2385) (-)

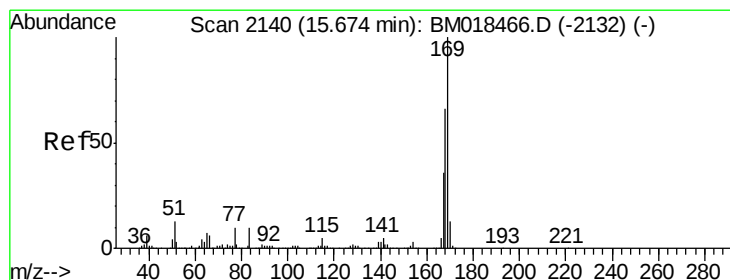
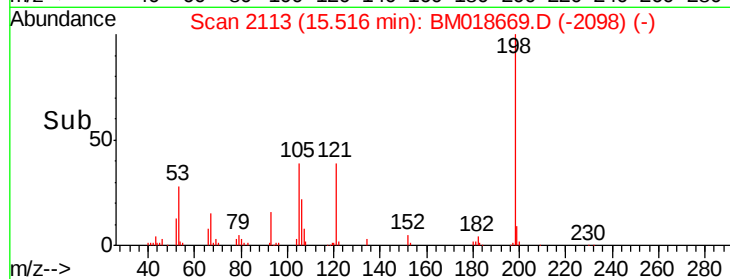
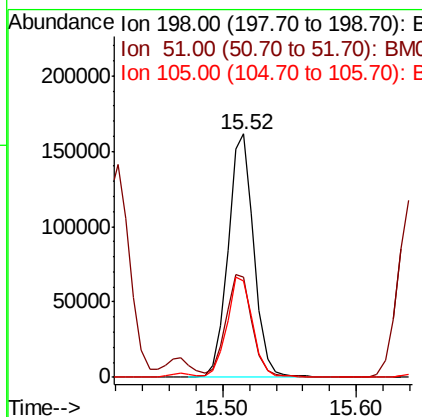
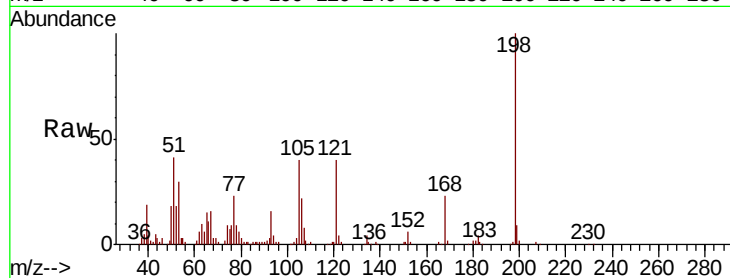




#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.390 ng
 RT: 15.52 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

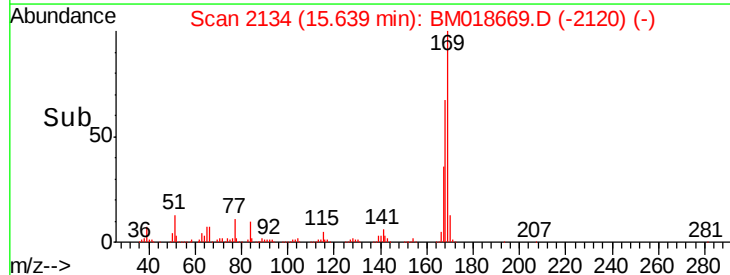
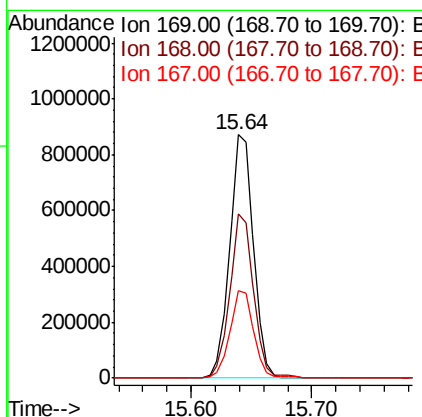
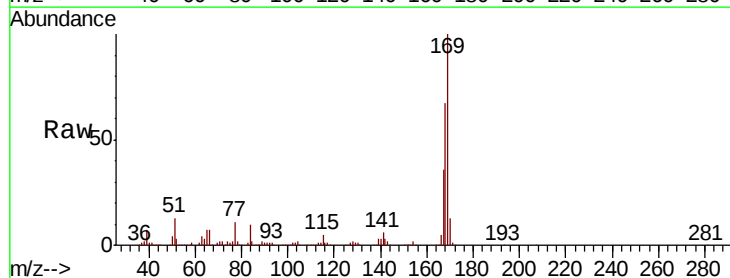
Instrument :
 BNA_M
 ClientSampleId :
 PB116655BS

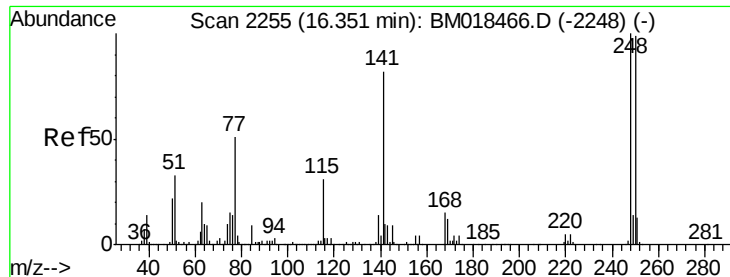
Tgt Ion:198 Resp: 217421
 Ion Ratio Lower Upper
 198 100
 51 41.0 29.6 69.6
 105 39.5 25.5 65.5



#66
 n-Nitrosodiphenylamine
 Concen: 37.927 ng
 RT: 15.64 min Scan# 2134
 Delta R.T. -0.02 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Tgt Ion:169 Resp: 1187536
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.1 81.1
 167 35.9 28.6 42.8

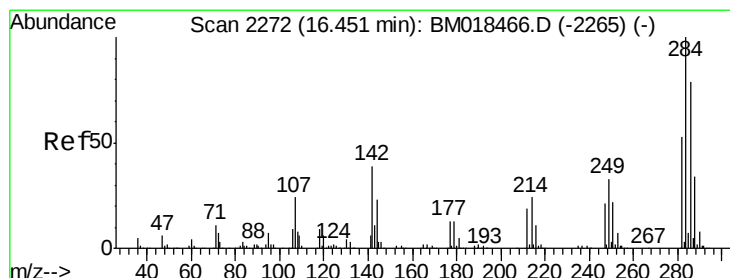
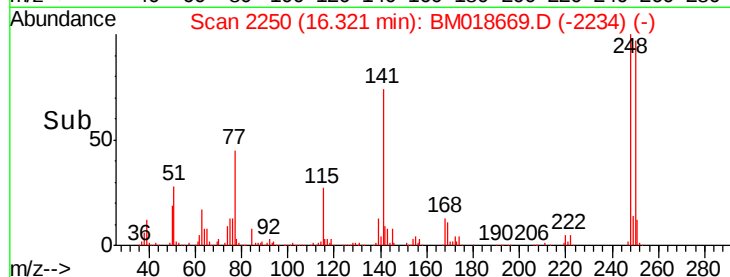
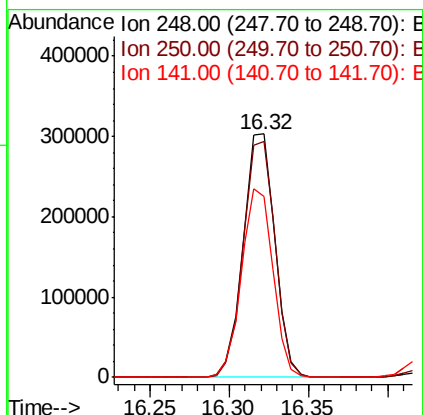
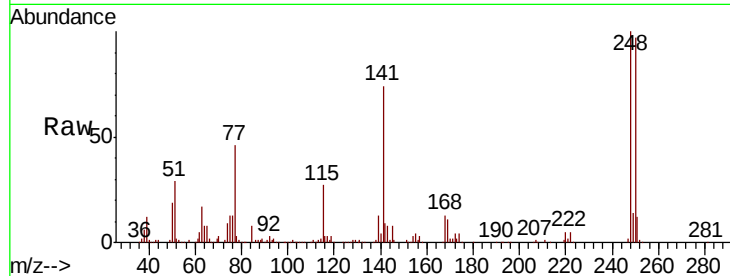




#67
 4-Bromophenyl-phenylether
 Concen: 37.329 ng
 RT: 16.32 min Scan# 2250
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

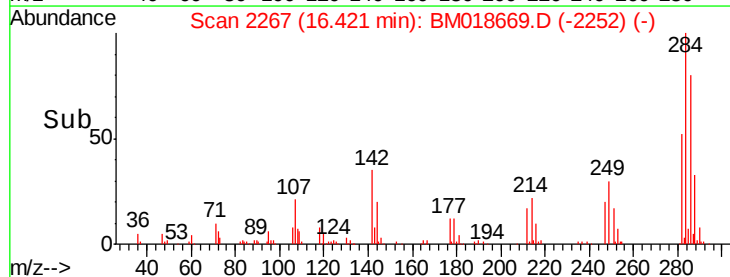
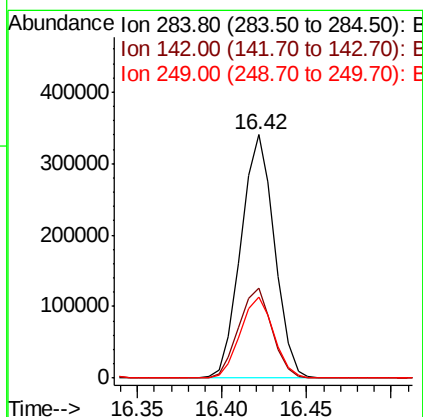
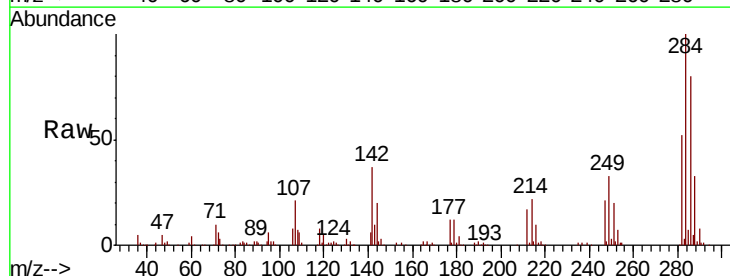
Instrument :
 BNA_M
 ClientSampleId :
 PB116655BS

Tgt Ion: 248 Resp: 421651
 Ion Ratio Lower Upper
 248 100
 250 97.1 76.0 114.0
 141 74.4 61.5 92.3



#68
 Hexachlorobenzene
 Concen: 37.218 ng
 RT: 16.42 min Scan# 2267
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Tgt Ion: 284 Resp: 470631
 Ion Ratio Lower Upper
 284 100
 142 37.0 29.2 43.8
 249 33.3 26.1 39.1





#69

Atrazine

Concen: 37.955 ng

RT: 16.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

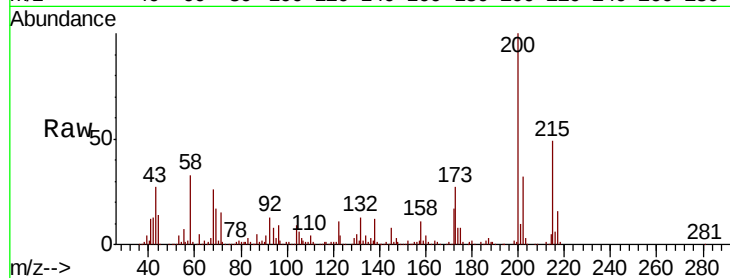
Tgt Ion:200 Resp: 429630

Ion Ratio Lower Upper

200 100

173 27.1 7.2 47.2

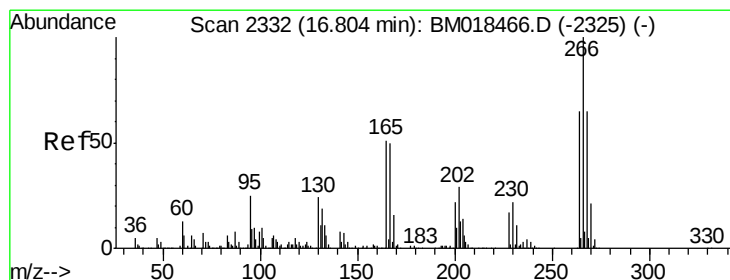
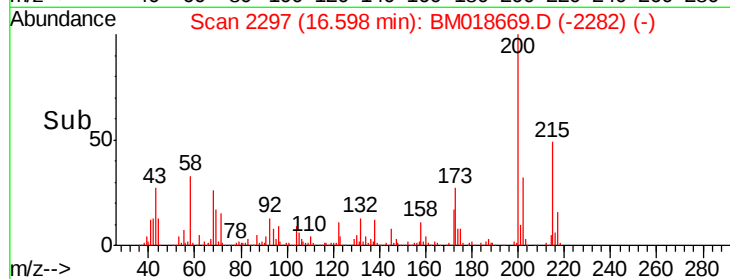
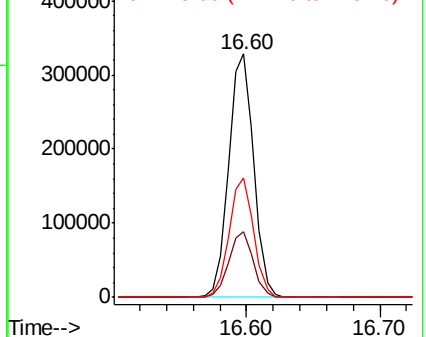
215 49.3 28.3 68.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 73.568 ng

RT: 16.77 min Scan# 2327

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

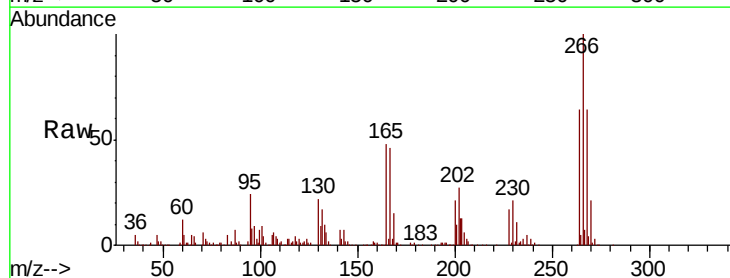
Tgt Ion:266 Resp: 609267

Ion Ratio Lower Upper

266 100

268 64.1 49.8 74.6

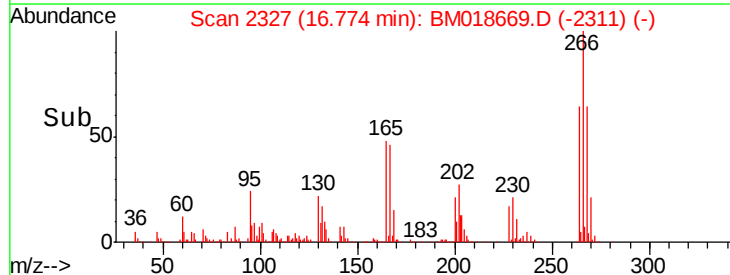
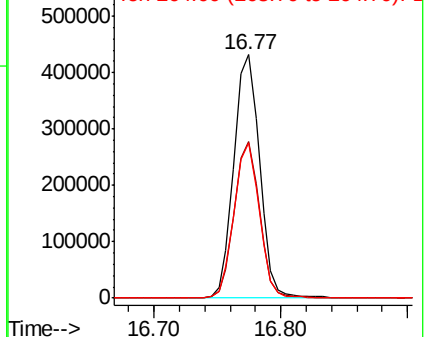
264 64.0 50.1 75.1

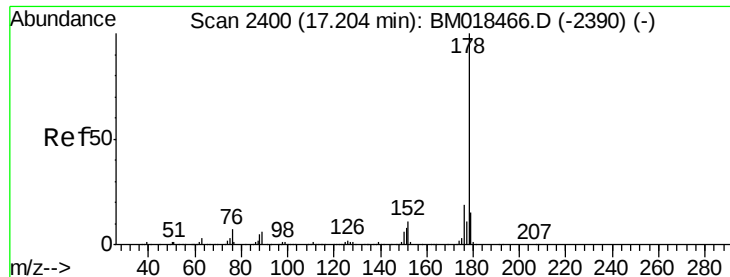


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 40.794 ng

RT: 17.17 min Scan# 2394

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

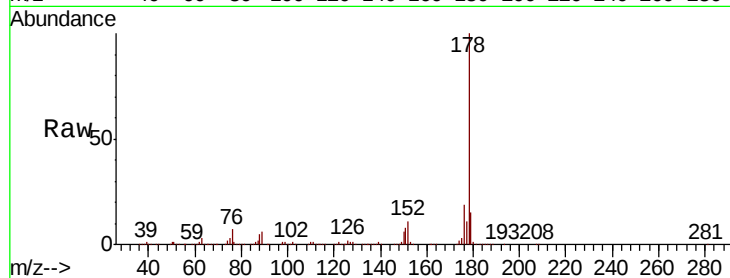
Tgt Ion:178 Resp: 2190209

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.0

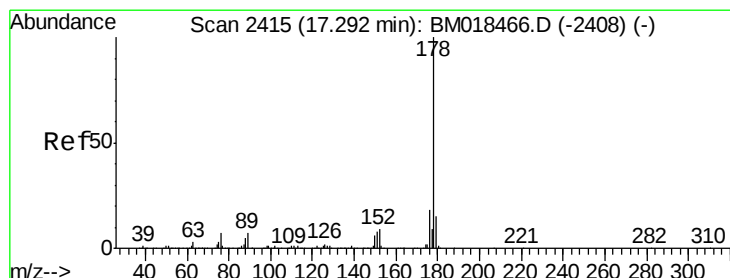
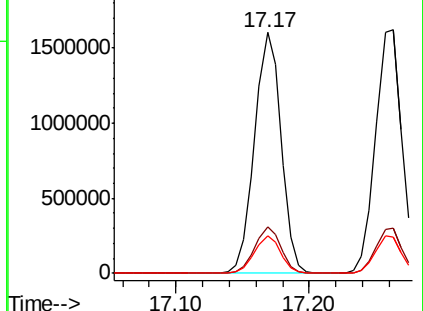
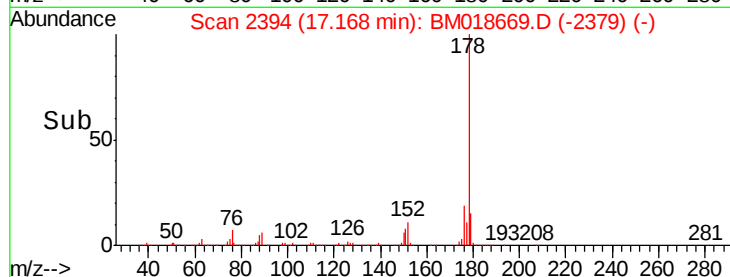
179 15.5 12.2 18.4



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 42.878 ng

RT: 17.26 min Scan# 2410

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

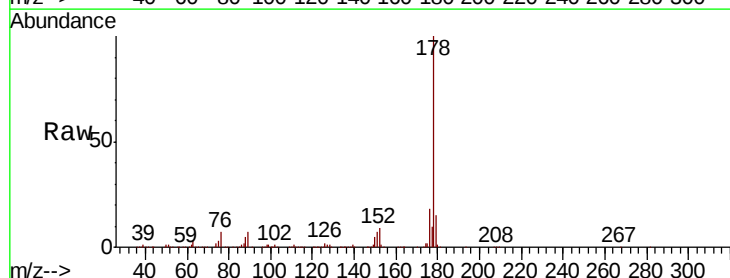
Tgt Ion:178 Resp: 2213685

Ion Ratio Lower Upper

178 100

176 18.4 14.7 22.1

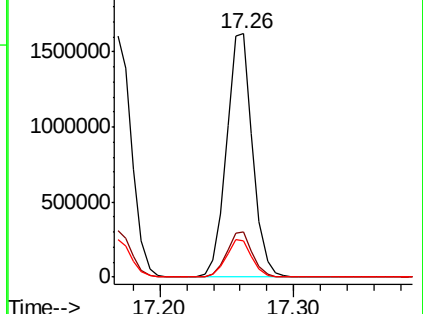
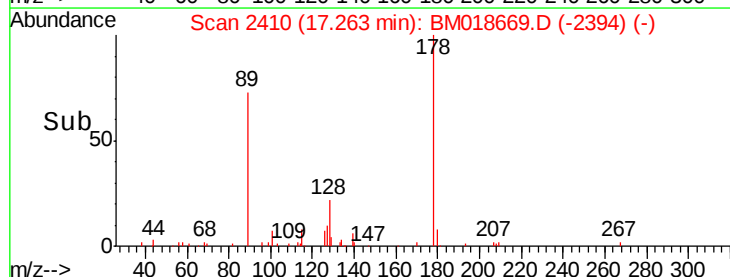
179 15.0 12.2 18.4

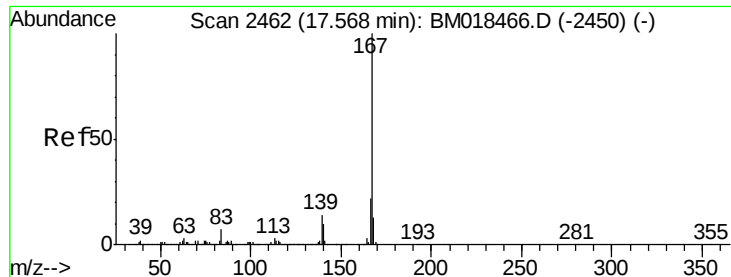


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

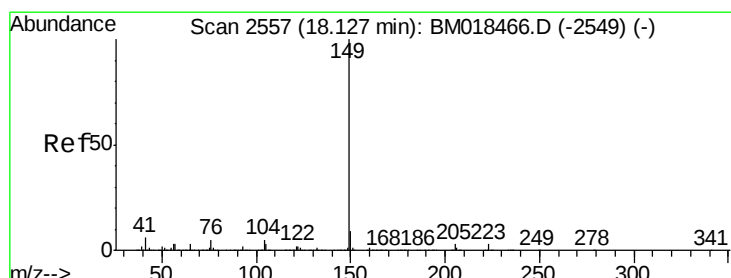
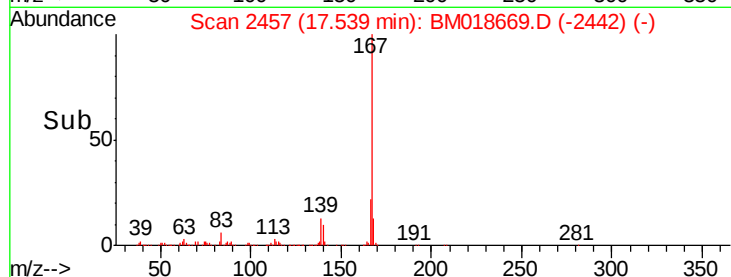
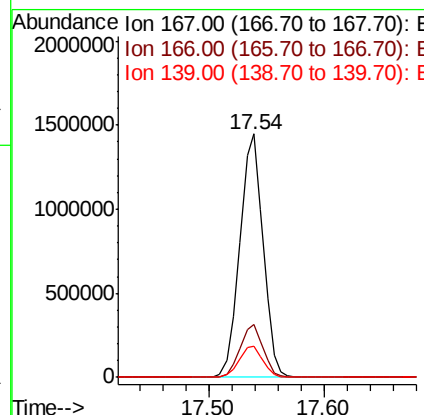
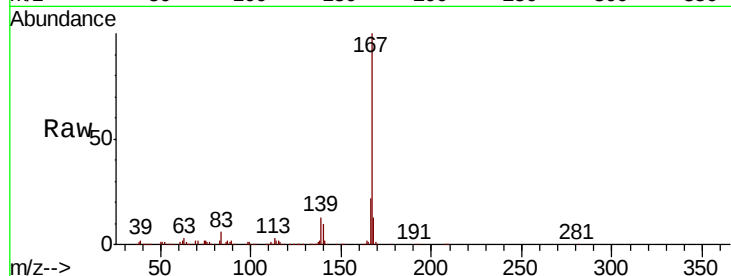




#73
 Carbazole
 Concen: 37.974 ng
 RT: 17.54 min Scan# 2457
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

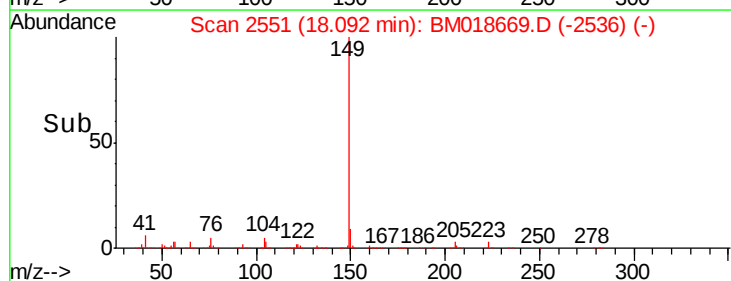
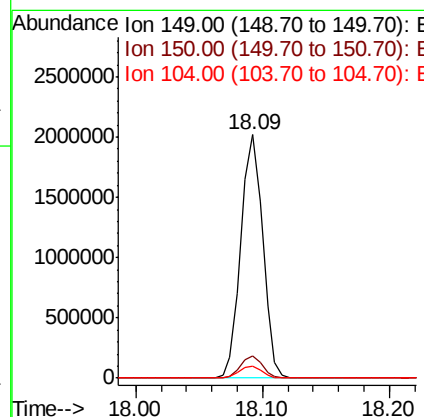
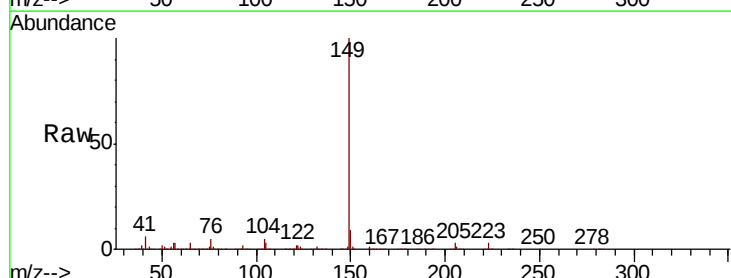
Instrument :
 BNA_M
 ClientSampleId :
 PB116655BS

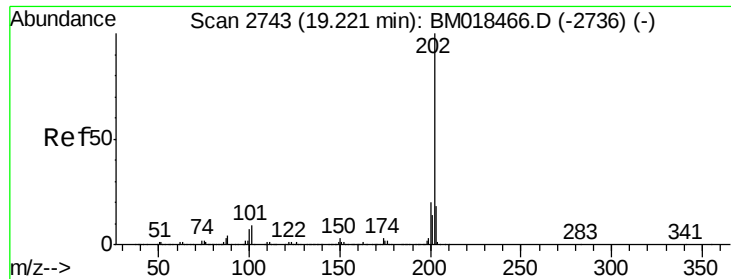
Tgt Ion:167 Resp: 2014218
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 12.9 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 41.351 ng
 RT: 18.09 min Scan# 2551
 Delta R.T. -0.01 min
 Lab File: BM018669.D
 Acq: 28 Jan 2019 18:08

Tgt Ion:149 Resp: 2402546
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 4.9 4.2 6.4





#75

Fluoranthene

Concen: 42.500 ng

RT: 19.19 min Scan# 2738

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

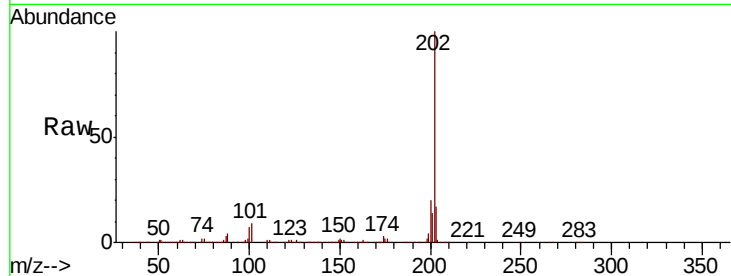
Tgt Ion:202 Resp: 2630734

Ion Ratio Lower Upper

202 100

101 9.0 0.0 30.9

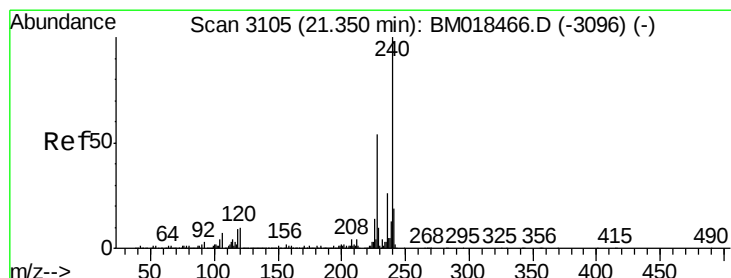
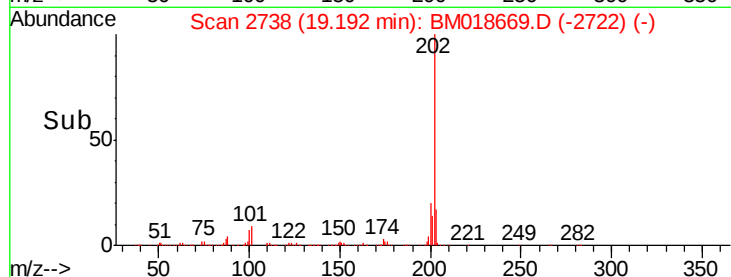
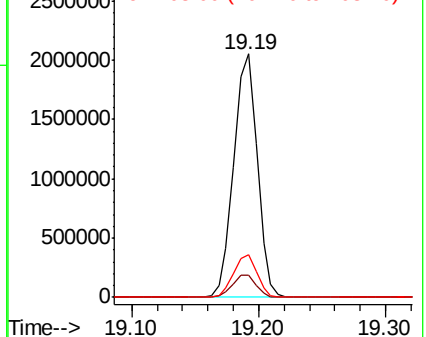
203 17.3 0.0 37.4



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.32 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

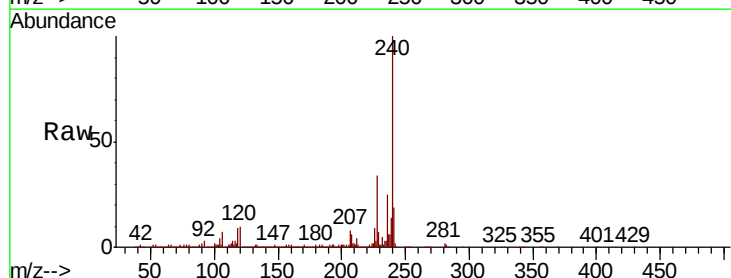
Tgt Ion:240 Resp: 1113553

Ion Ratio Lower Upper

240 100

120 9.8 8.4 12.6

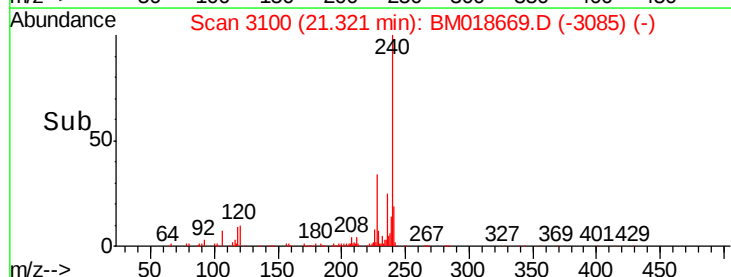
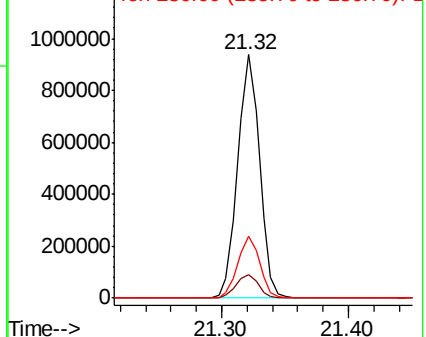
236 25.4 20.7 31.1

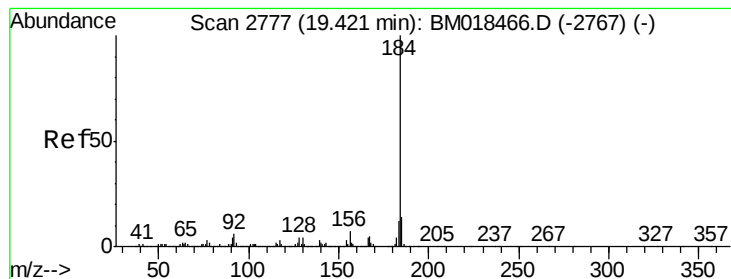


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.932 ng

RT: 19.39 min Scan# 2771

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

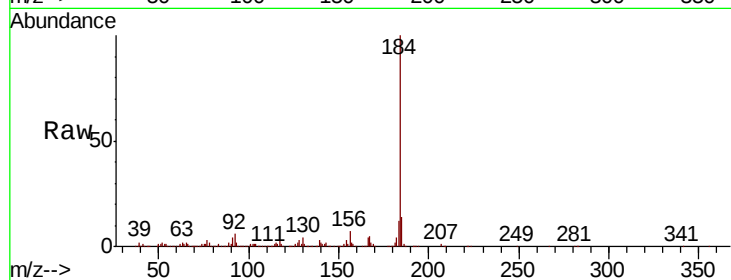
Tgt Ion:184 Resp: 1400398

Ion Ratio Lower Upper

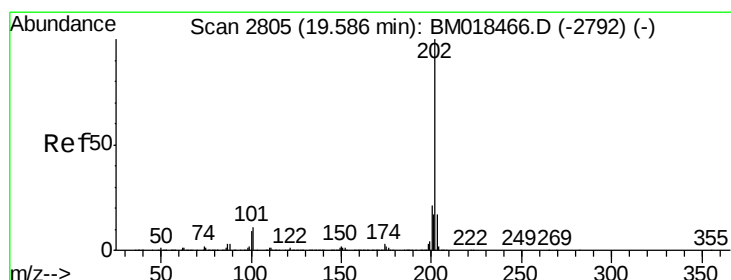
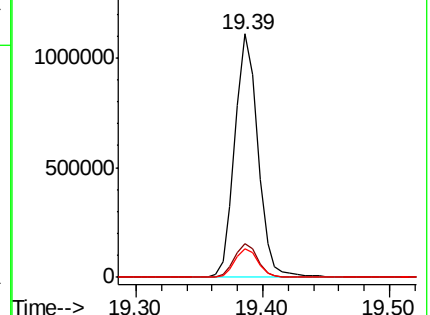
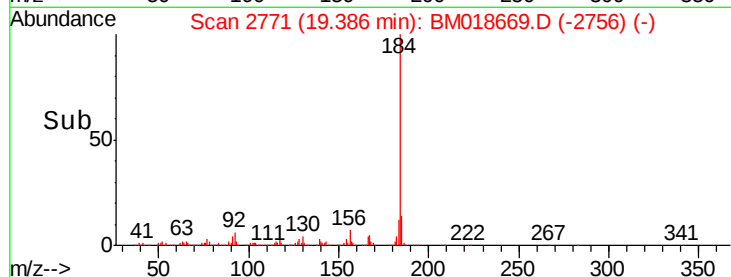
184 100

185 14.0 11.4 17.0

183 12.0 9.5 14.3



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



#78

Pyrene

Concen: 41.434 ng

RT: 19.56 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

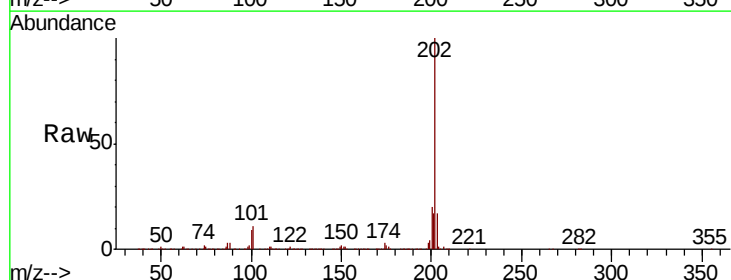
Tgt Ion:202 Resp: 2734872

Ion Ratio Lower Upper

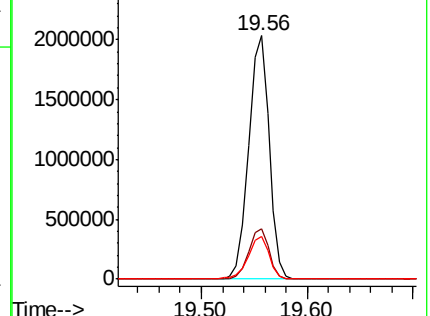
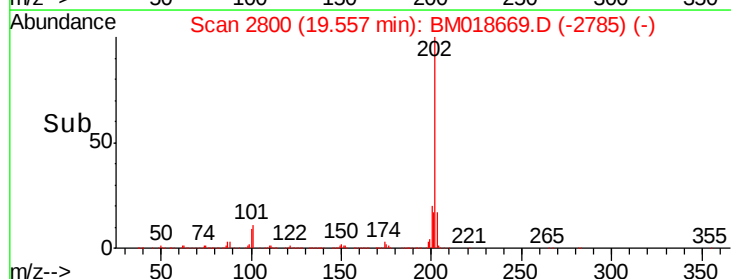
202 100

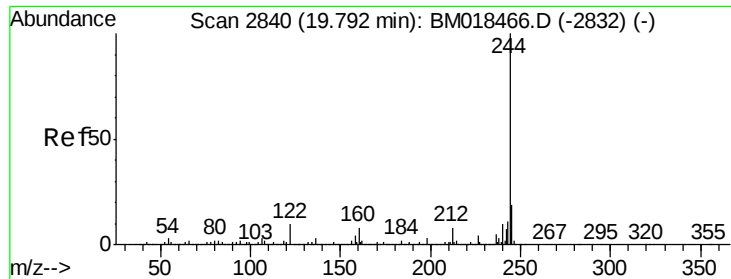
200 20.5 16.6 24.8

203 17.3 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: 83.943 ng

RT: 19.76 min Scan# 2834

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

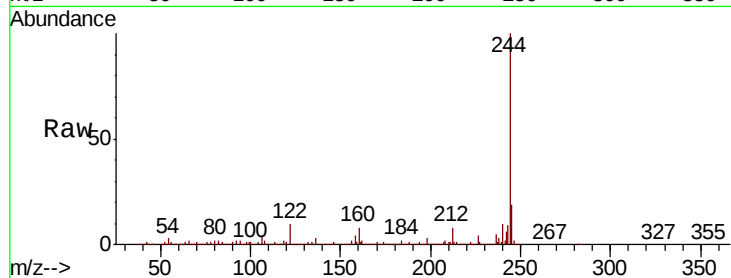
Tgt Ion:244 Resp: 4434245

Ion Ratio Lower Upper

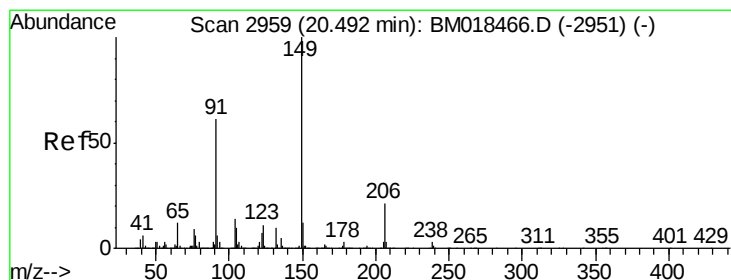
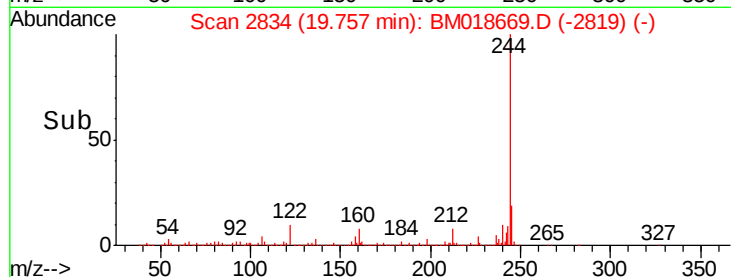
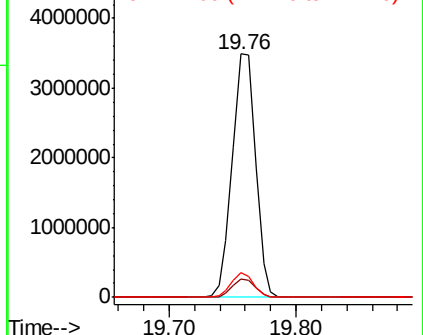
244 100

212 7.5 5.9 8.9

122 10.4 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: 41.681 ng

RT: 20.46 min Scan# 2953

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

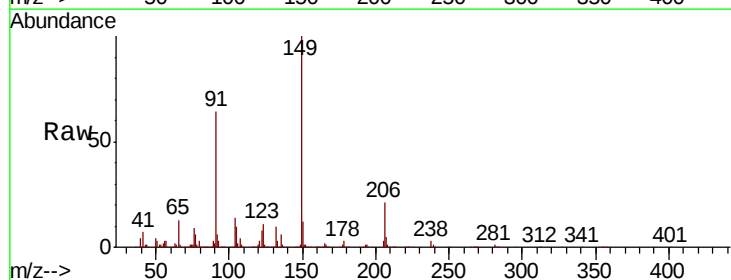
Tgt Ion:149 Resp: 1173967

Ion Ratio Lower Upper

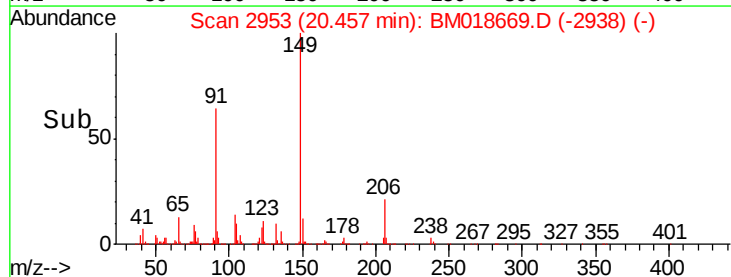
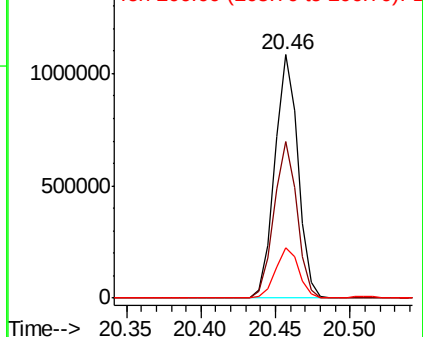
149 100

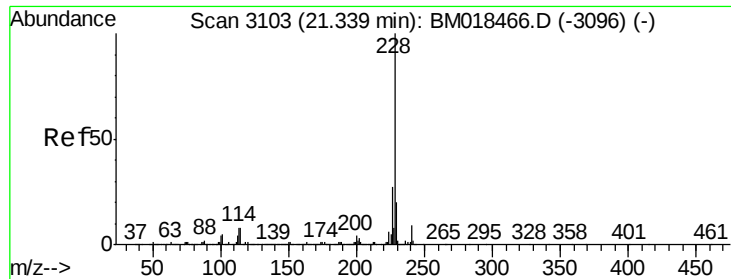
91 64.3 53.1 79.7

206 20.8 16.2 24.4



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E

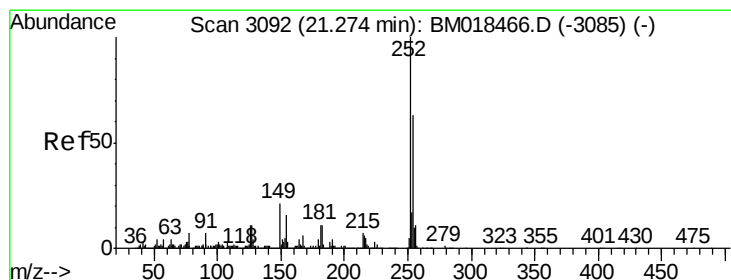
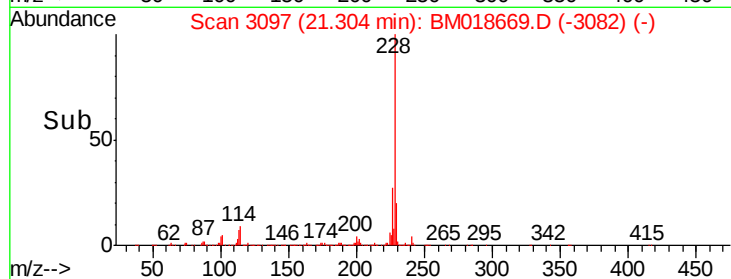
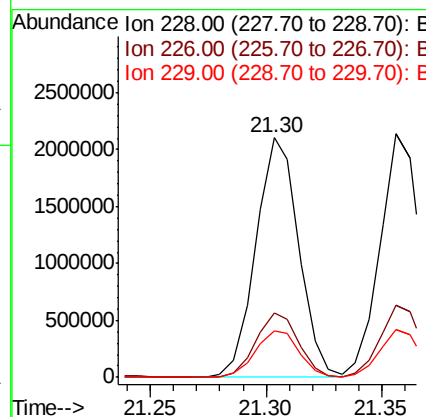
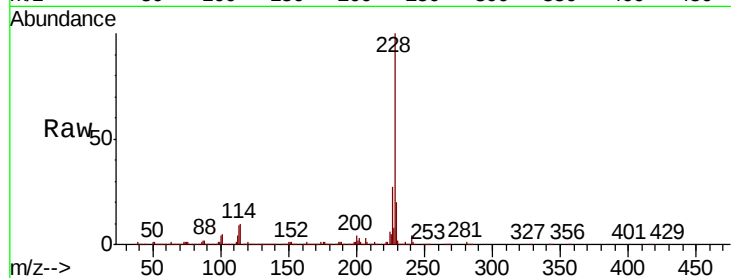




#81
Benzo(a)anthracene
Concen: 41.510 ng
RT: 21.30 min Scan# 3097
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

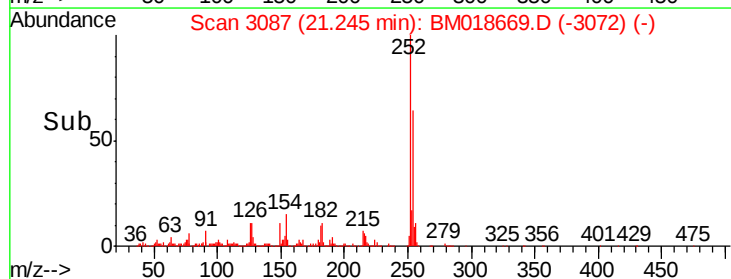
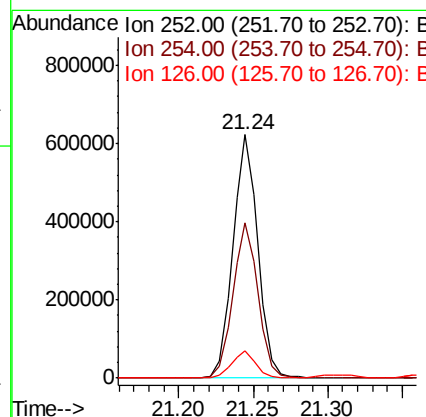
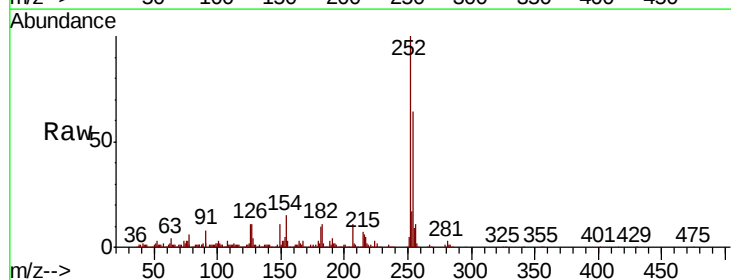
Instrument :
BNA_M
ClientSampleId :
PB116655BS

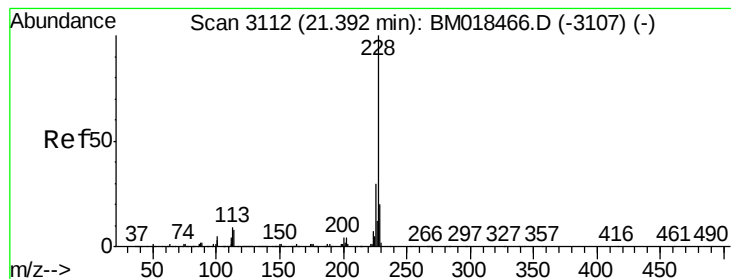
Tgt Ion:228 Resp: 2723119
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.6
229 19.7 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 29.496 ng
RT: 21.24 min Scan# 3087
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion:252 Resp: 731706
Ion Ratio Lower Upper
252 100
254 63.6 51.4 77.0
126 11.3 8.7 13.1





#83

Chrysene

Concen: 40.550 ng

RT: 21.36 min Scan# 3106

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

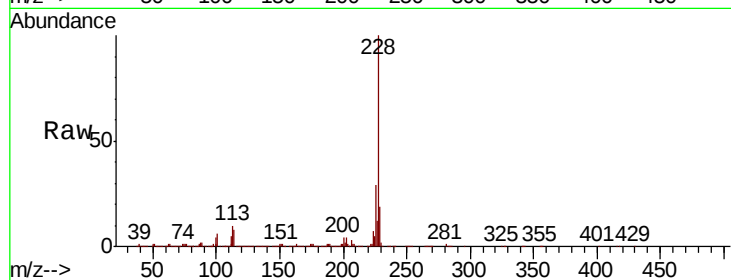
Tgt Ion:228 Resp: 2568784

Ion Ratio Lower Upper

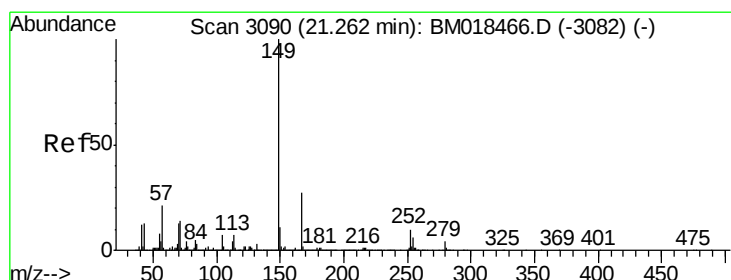
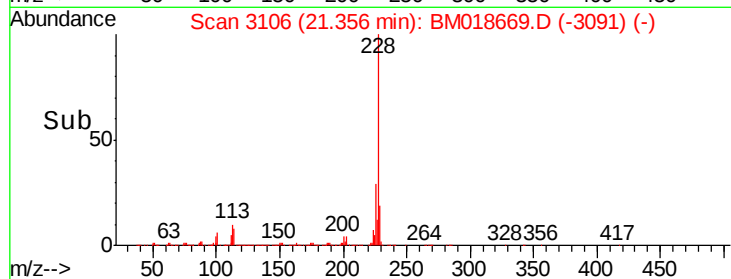
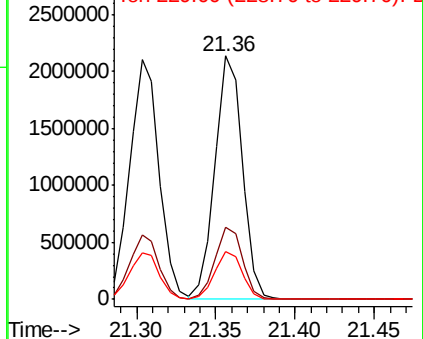
228 100

226 29.4 24.2 36.2

229 19.5 15.6 23.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.555 ng

RT: 21.23 min Scan# 3084

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

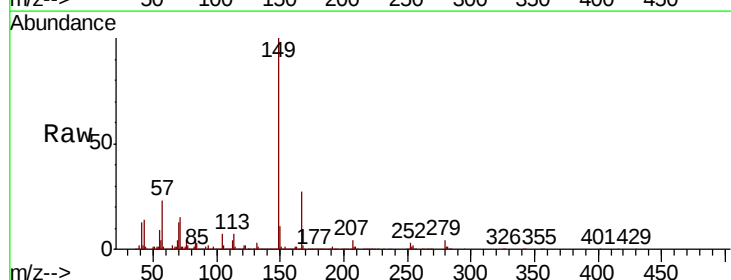
Tgt Ion:149 Resp: 1690095

Ion Ratio Lower Upper

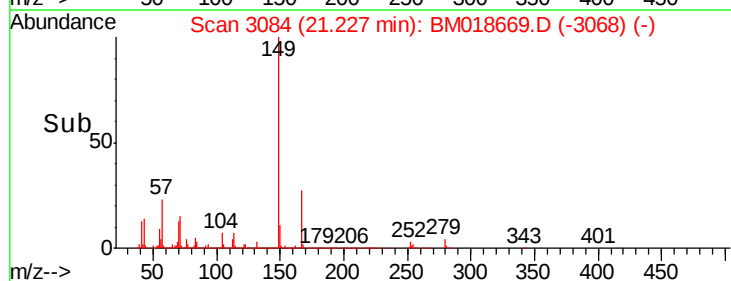
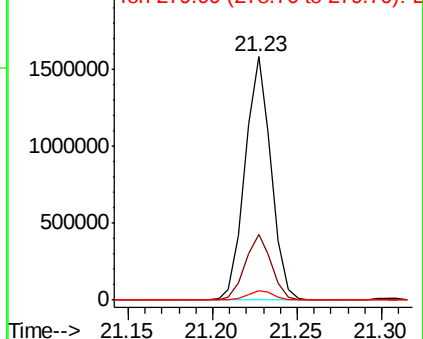
149 100

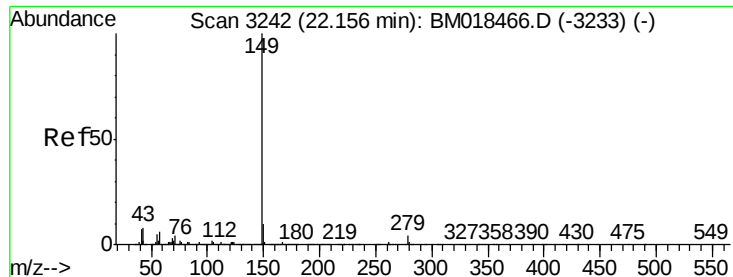
167 27.1 21.6 32.4

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: 43.230 ng

RT: 22.12 min Scan# 3235

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

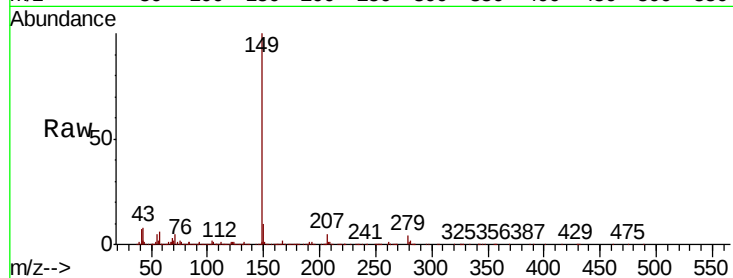
Tgt Ion:149 Resp: 2957174

Ion Ratio Lower Upper

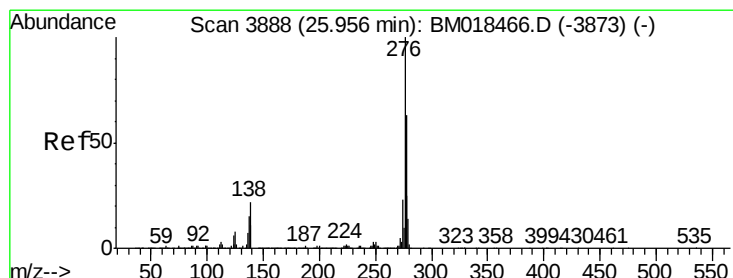
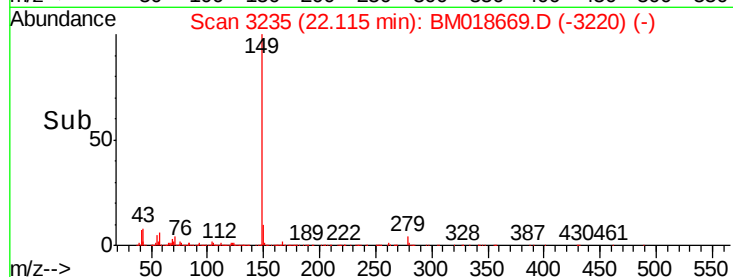
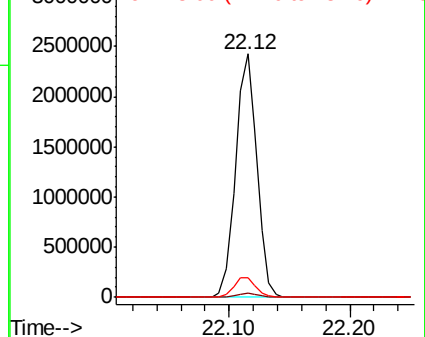
149 100

167 1.6 1.3 1.9

43 8.4 8.6 12.8#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BM



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.713 ng

RT: 25.89 min Scan# 3876

Delta R.T. -0.02 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

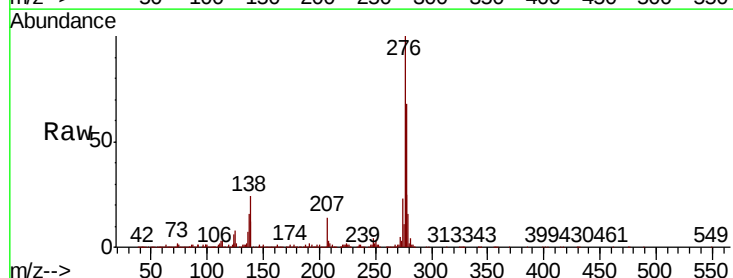
Tgt Ion:276 Resp: 3120011

Ion Ratio Lower Upper

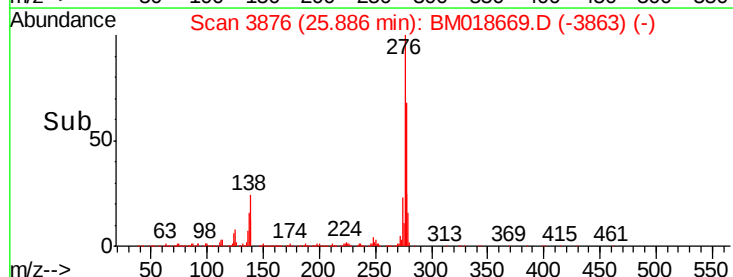
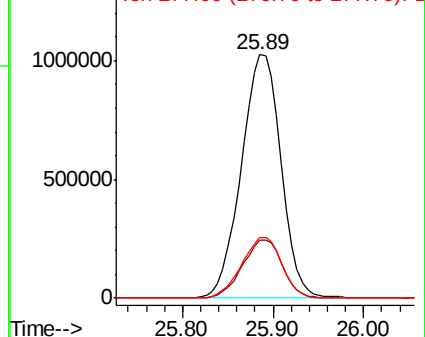
276 100

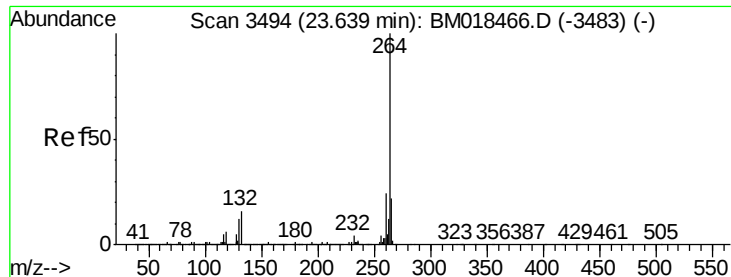
138 24.2 21.5 32.3

277 25.2 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 23.59 min Scan# 3485

Delta R.T. -0.02 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

Instrument :

BNA_M

ClientSampleId :

PB116655BS

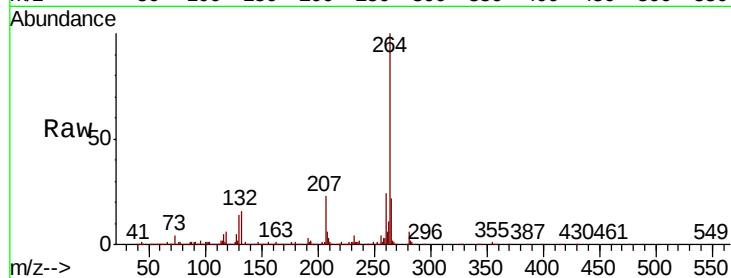
Tgt Ion:264 Resp: 1131980

Ion Ratio Lower Upper

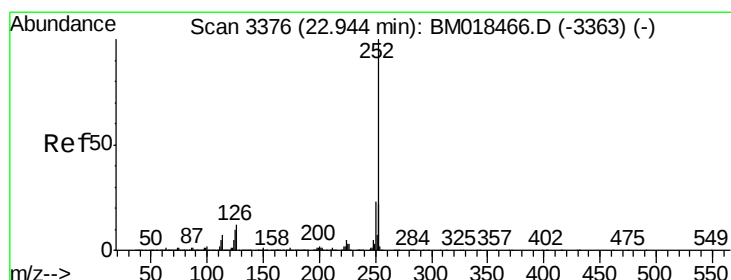
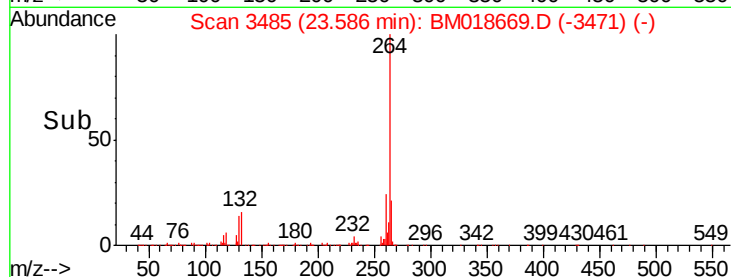
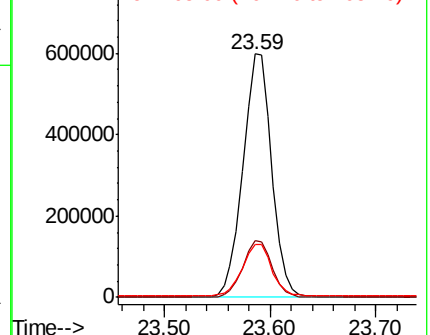
264 100

260 23.5 18.9 28.3

265 21.9 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: 41.966 ng

RT: 22.90 min Scan# 3369

Delta R.T. -0.01 min

Lab File: BM018669.D

Acq: 28 Jan 2019 18:08

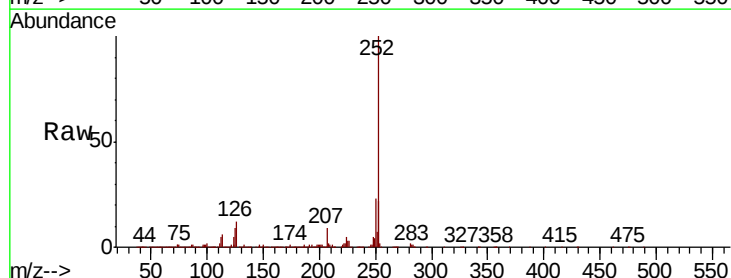
Tgt Ion:252 Resp: 2696961

Ion Ratio Lower Upper

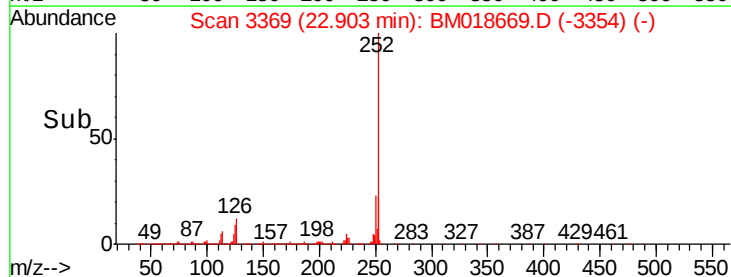
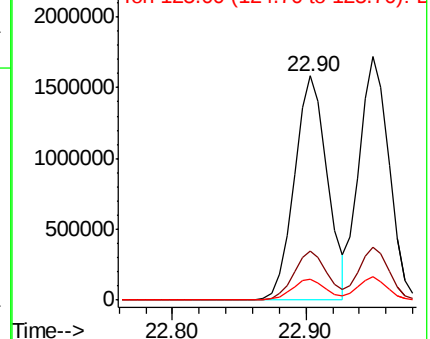
252 100

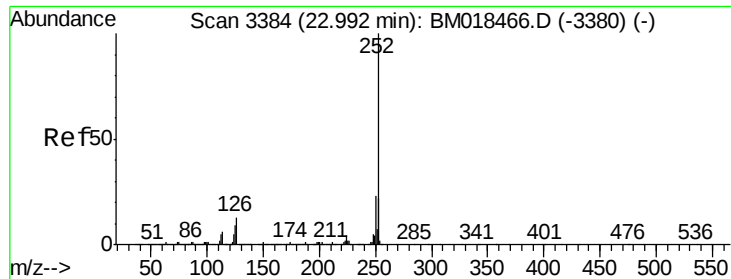
253 22.1 17.6 26.4

125 9.3 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

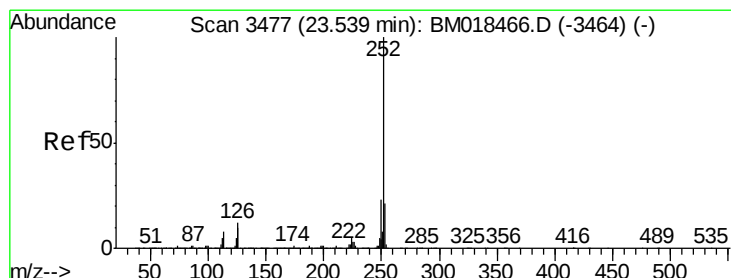
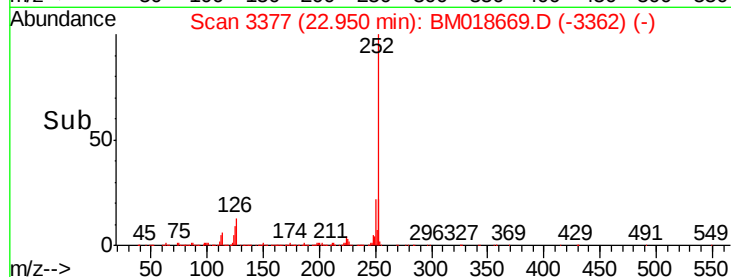
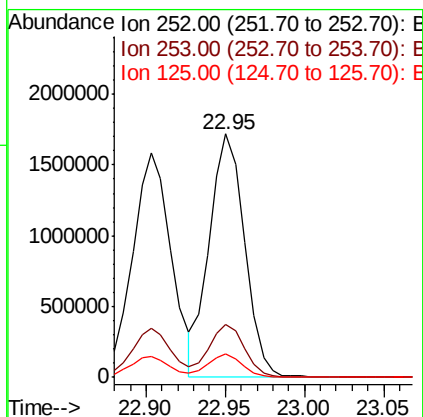
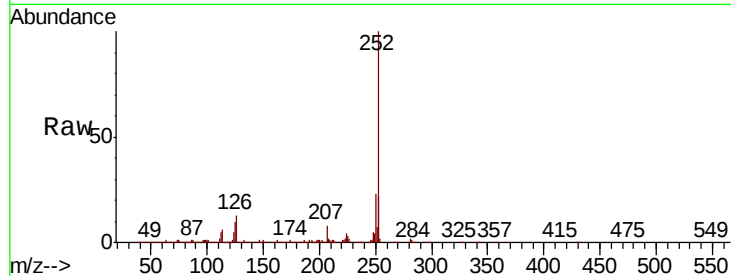




#89
Benzo(k)fluoranthene
Concen: 41.093 ng
RT: 22.95 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

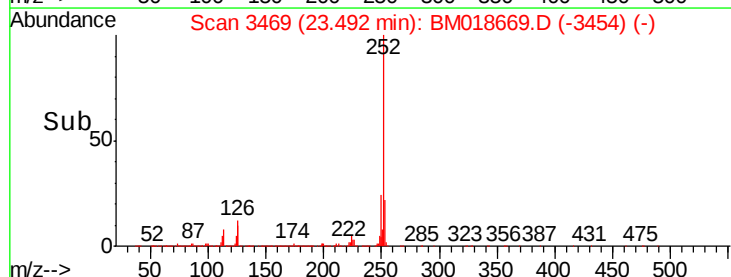
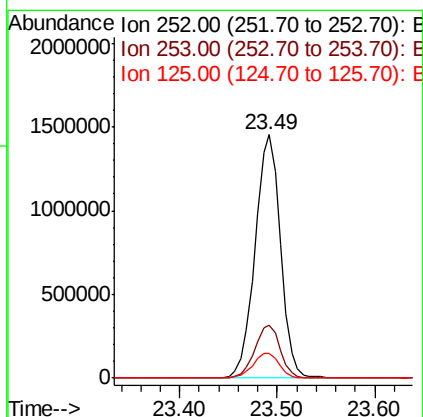
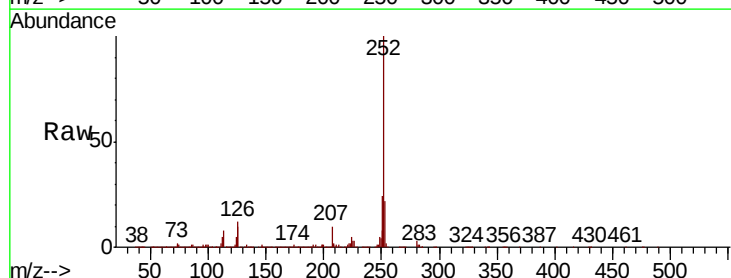
Instrument :
BNA_M
ClientSampleId :
PB116655BS

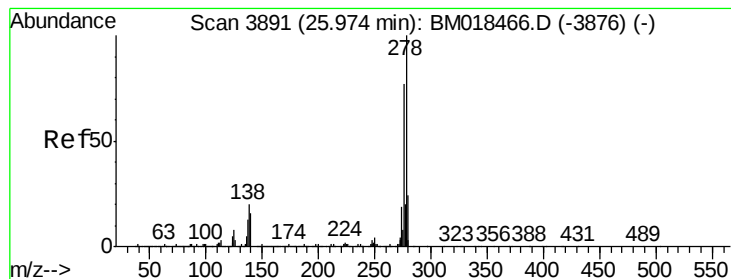
Tgt Ion:252 Resp: 2661366
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.6 8.6 12.8



#90
Benzo(a)pyrene
Concen: 42.902 ng
RT: 23.49 min Scan# 3469
Delta R.T. -0.01 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion:252 Resp: 2639520
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.0 9.7 14.5



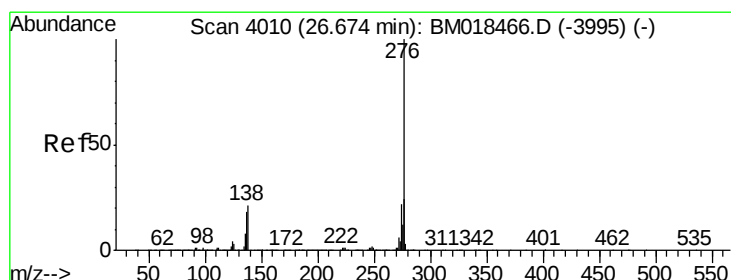
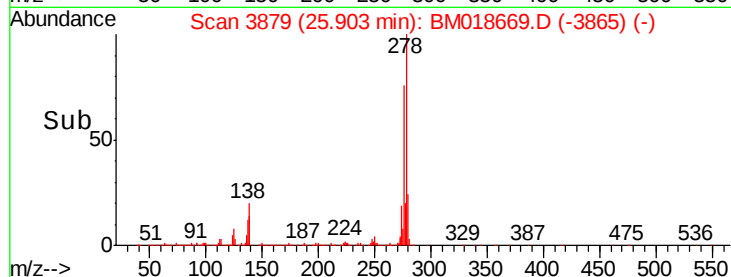
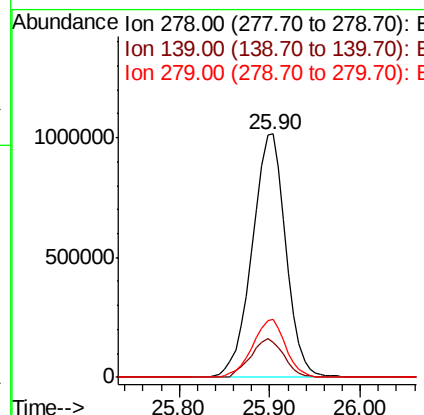
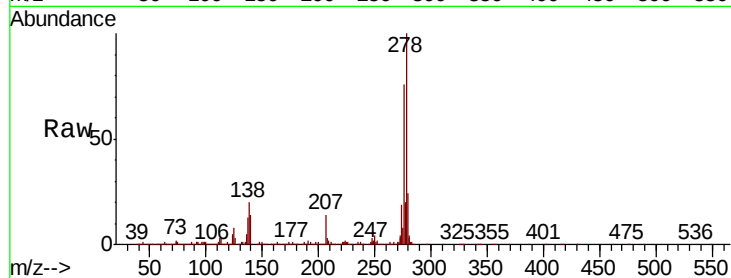


#91
Dibenzo(a,h)anthracene
Concen: 42.078 ng
RT: 25.90 min Scan# 3879
Delta R.T. -0.02 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Instrument :
BNA_M
ClientSampleId :
PB116655BS

Tgt Ion:278 Resp: 2623143

Ion	Ratio	Lower	Upper
278	100		
139	14.4	13.2	19.8
279	23.6	19.0	28.4



#92
Benzo(g,h,i)perylene
Concen: 42.263 ng
RT: 26.60 min Scan# 3997
Delta R.T. -0.02 min
Lab File: BM018669.D
Acq: 28 Jan 2019 18:08

Tgt Ion:276 Resp: 2563876

Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	20.6	18.1	27.1

