

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
 Data File : BM014169.D
 Acq On : 07 Feb 2018 20:07
 Operator : SJ/JU
 Sample : J1161-01
 Misc : LOD 5 PPM
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 08 07:16:05 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 07 17:16:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	70802	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	314268	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	213761	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	563578	20.00	ng	0.00
75) Chrysene-d12	21.17	240	678953	20.00	ng	0.00
86) Perylene-d12	23.34	264	644026	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	556394	136.97	ng	0.00
7) Phenol-d6	6.73	99	758074	131.77	ng	0.00
23) Nitrobenzene-d5	8.70	82	689809	98.04	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	445556	146.89	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1584485	92.53	ng	0.00
78) Terphenyl-d14	19.60	244	3039249	87.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	8176	4.90	ng	# 100
3) Pyridine	3.55	79	18641	4.03	ng	# 80
4) n-Nitrosodimethylamine	3.46	42	13058	4.43	ng	# 41
6) Aniline	6.89	93	33823	4.61	ng	# 98
8) 2-Chlorophenol	7.11	128	21455	4.65	ng	# 78
9) Benzaldehyde	6.72	77	15844	3.83	ng	# 66
10) Phenol	6.76	94	25964	4.57	ng	# 71
11) bis(2-Chloroethyl)ether	6.99	93	22057	4.91	ng	# 96
12) 1,3-Dichlorobenzene	7.43	146	25881	4.48	ng	# 74
13) 1,4-Dichlorobenzene	7.58	146	25492	4.40	ng	# 91
14) 1,2-Dichlorobenzene	7.89	146	26661	4.57	ng	# 91
15) Benzyl Alcohol	7.81	79	19206	3.60	ng	# 75
16) 2,2'-oxybis(1-Chloropropan	8.06	45	20445	4.48	ng	# 83
17) 2-Methylphenol	8.00	107	19544	4.50	ng	# 80
18) Hexachloroethane	8.60	117	10387	4.14	ng	# 81
19) n-Nitroso-di-n-propylamine	8.35	70	19174	3.87	ng	# 80
20) 3+4-Methylphenols	8.33	107	22516	3.58	ng	# 73
22) Acetophenone	8.37	105	39722	4.40	ng	# 77
24) Nitrobenzene	8.74	77	34104	4.71	ng	# 86
25) Isophorone	9.26	82	53686	4.61	ng	# 84
26) 2-Nitrophenol	9.47	139	11657	4.27	ng	# 70
27) 2,4-Dimethylphenol	9.53	122	16431	3.94	ng	# 52
28) bis(2-Chloroethoxy)methane	9.76	93	24073	4.03	ng	# 92
29) 2,4-Dichlorophenol	10.01	162	15805	3.40	ng	# 94
30) 1,2,4-Trichlorobenzene	10.19	180	26266	4.28	ng	# 89
31) Naphthalene	10.36	128	74028	4.30	ng	# 93
32) Benzoic acid	9.69	122	1653	6.59	ng	# 83
33) 4-Chloroaniline	10.52	127	24604	3.44	ng	# 81
34) Hexachlorobutadiene	10.64	225	17876	4.25	ng	# 88
35) Caprolactam	11.30	113	4793	2.88	ng	# 57
36) 4-Chloro-3-methylphenol	11.65	107	20903	3.63	ng	# 92
37) 2-Methylnaphthalene	12.00	142	52934	4.08	ng	# 86
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	32483	4.34	ng	# 100
40) Hexachlorocyclopentadiene	12.34	237	9326	8.13	ng	# 93

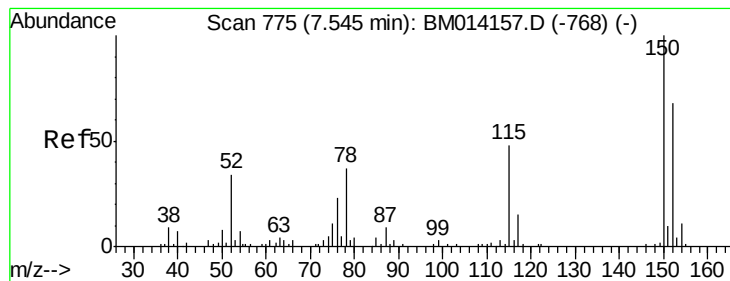
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.63	196	17912	4.07	nq	96
43) 2,4,5-Trichlorophenol	12.72	196	18404	3.79	nq	# 76
45) 1,1'-Biphenyl	13.03	154	83004	4.48	nq	97
46) 2-Chloronaphthalene	13.07	162	66429	4.73	nq	94
47) 2-Nitroaniline	13.30	65	19790	3.83	nq	# 82
48) Acenaphthylene	13.92	152	98739	4.28	nq	96
49) Dimethylphthalate	13.67	163	87420	4.57	nq	# 98
50) 2,6-Dinitrotoluene	13.80	165	17667	4.50	nq	# 65
51) Acenaphthene	14.26	154	63356	4.46	nq	97
52) 3-Nitroaniline	14.15	138	14200	3.50	nq	83
53) 2,4-Dinitrophenol	14.39	184	1655	8.34	nq	# 81
54) Dibenzofuran	14.60	168	96617	4.35	nq	# 81
55) 4-Nitrophenol	14.51	139	5332	7.33	nq	# 81
56) 2,4-Dinitrotoluene	14.61	165	21000	3.47	nq	# 68
57) Fluorene	15.26	166	83025	4.25	nq	96
58) 2,3,4,6-Tetrachlorophenol	14.84	232	17836	3.73	nq	# 100
59) Diethylphthalate	15.04	149	96403	4.54	nq	92
60) 4-Chlorophenyl-phenylether	15.26	204	44523	4.39	nq	92
61) 4-Nitroaniline	15.32	138	11921	2.93	nq	# 29
62) Azobenzene	15.55	77	100550	4.56	nq	80
64) 4,6-Dinitro-2-methylphenol	15.39	198	9141	7.66	nq	92
65) n-Nitrosodiphenylamine	15.48	169	72297	4.06	nq	93
66) 4-Bromophenyl-phenylether	16.16	248	28603	4.33	nq	# 82
67) Hexachlorobenzene	16.26	284	33097	4.56	nq	# 81
68) Atrazine	16.44	200	20361	3.05	nq	95
69) Pentachlorophenol	16.63	266	12963	8.35	nq	89
70) Phenanthrene	17.00	178	148862	4.38	nq	95
71) Anthracene	17.10	178	136390	4.12	nq	97
72) Carbazole	17.38	167	116848	3.75	nq	97
73) Di-n-butylphthalate	17.94	149	156961	3.94	nq	# 95
74) Fluoranthene	19.03	202	173131	4.33	nq	96
77) Pyrene	19.40	202	182722	3.87	nq	96
79) Butylbenzylphthalate	20.31	149	70638	3.33	nq	# 84
80) Benzo(a)anthracene	21.15	228	187744	4.26	nq	99
81) 3,3'-Dichlorobenzidine	21.10	252	55544	3.37	nq	# 92
82) Chrysene	21.20	228	187188	4.37	nq	96
83) Bis(2-ethylhexyl)phthalate	21.09	149	107690	3.48	nq	96
84) Di-n-octyl phthalate	21.95	149	159250	3.71	nq	# 90
85) Indeno(1,2,3-cd)pyrene	25.51	276	165055	4.91	nq	98
87) Benzo(b)fluoranthene	22.70	252	181881	4.07	nq	# 92
88) Benzo(k)fluoranthene	22.74	252	181151	4.26	nq	# 94
89) Benzo(a)pyrene	23.25	252	163549	4.15	nq	98
90) Dibenzo(a,h)anthracene	25.53	278	138348	4.30	nq	94
91) Benzo(g,h,i)perylene	26.19	276	133943	4.45	nq	# 85

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.55 min Scan# 775

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampleId :

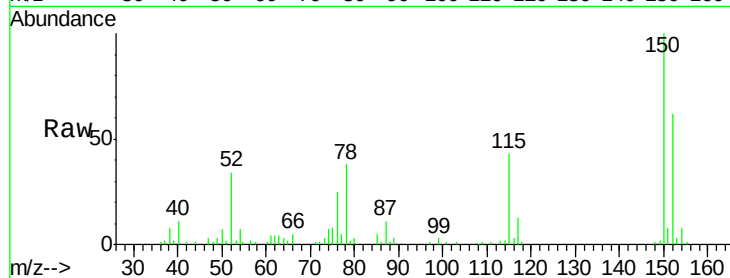
Tot Ion:152 Resp: 70802

Ion Ratio Lower Upper

152 100

150 162.5 119.5 179.3

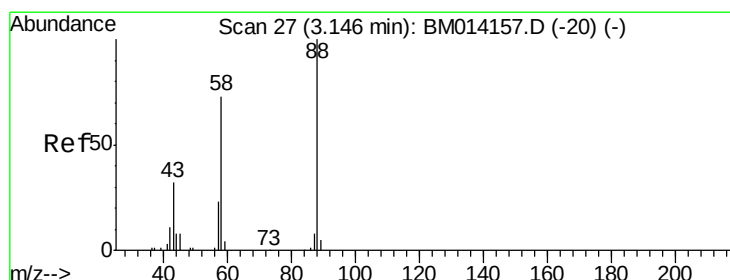
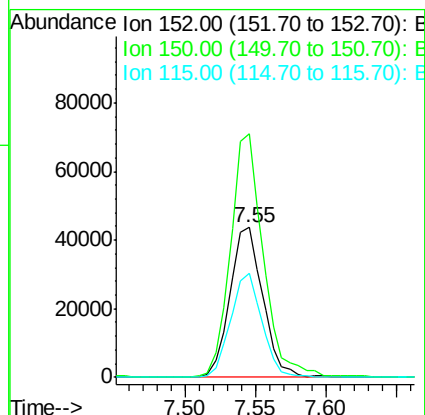
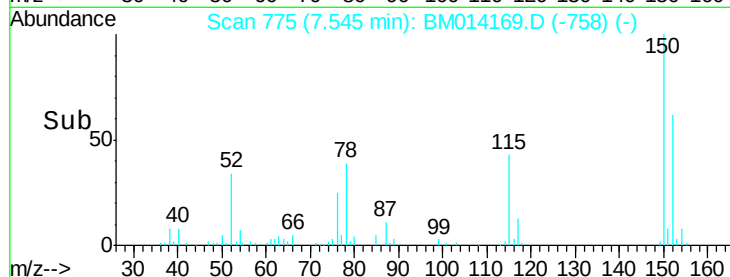
115 69.6 43.0 64.4#



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 4.90 ng

RT: 3.15 min Scan# 28

Delta R.T. 0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

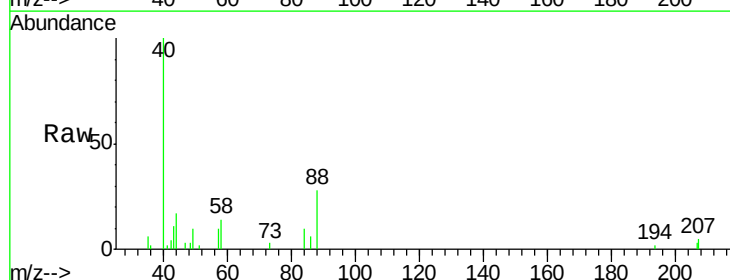
Tgt Ion: 88 Resp: 8176

Ion Ratio Lower Upper

88 100

58 55.3 0.0 0.0#

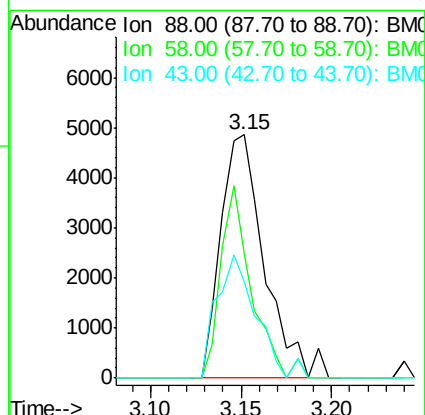
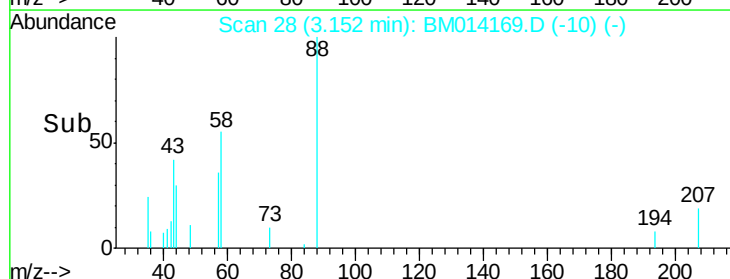
43 44.0 0.0 0.0#

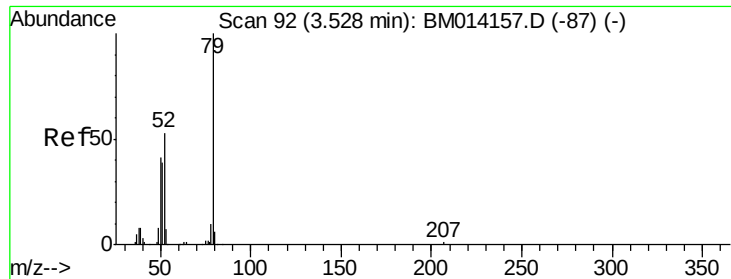


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0

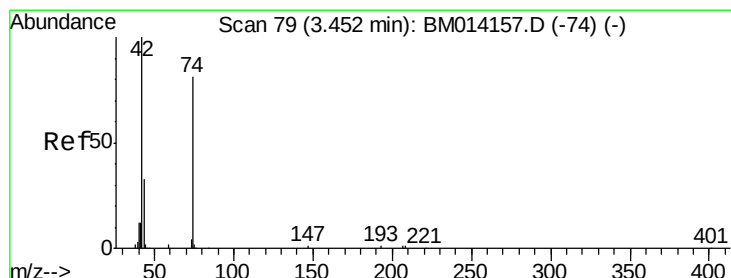
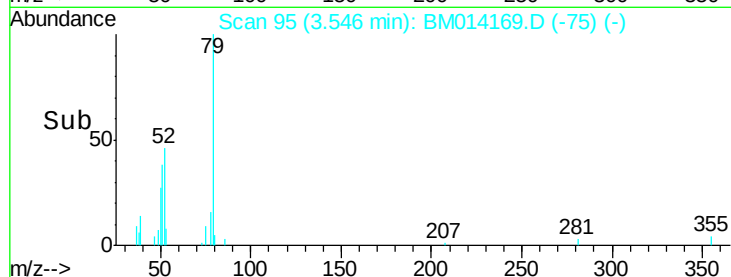
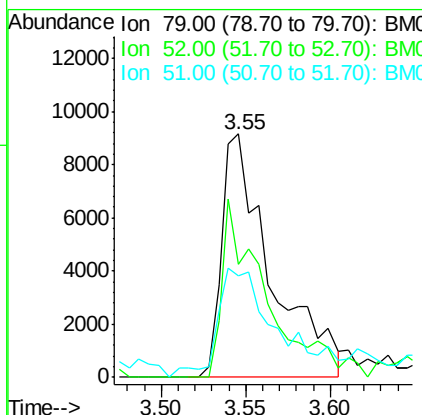
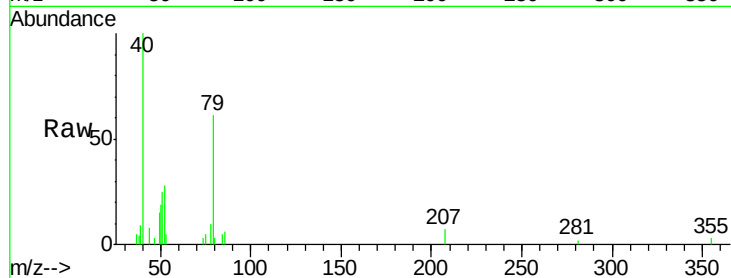




#3
 Pvridine
 Concen: 4.03 ng
 RT: 3.55 min Scan# 95
 Delta R.T. 0.02 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

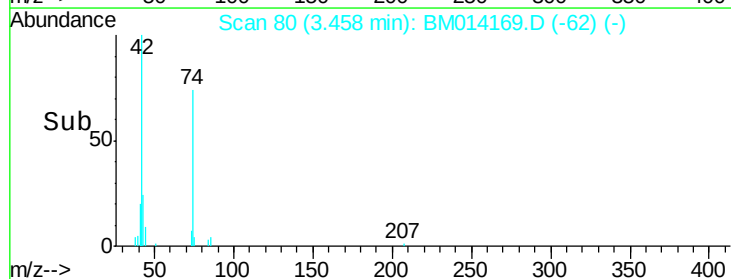
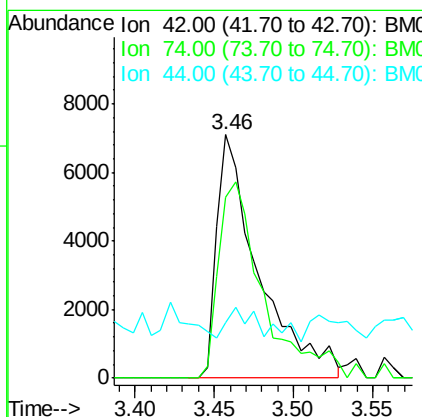
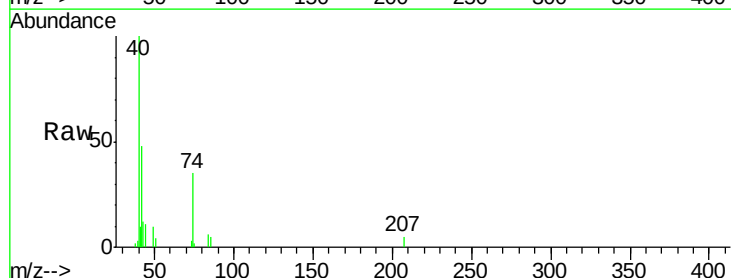
Instrument :
 BNA_M
 ClientSampleId :

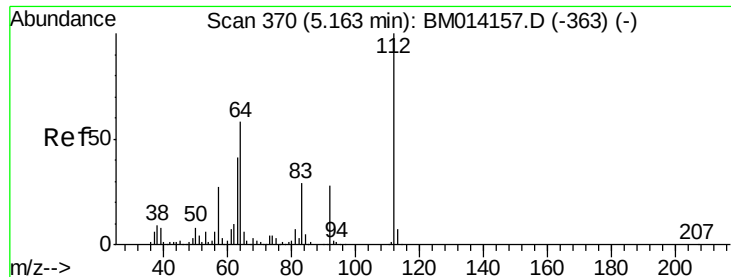
Tot Ion: 79 Resp: 18641
 Ion Ratio Lower Upper
 79 100
 52 46.5 51.1 76.7#
 51 41.6 26.1 39.1#



#4
 n-Nitrosodimethylamine
 Concen: 4.43 ng
 RT: 3.46 min Scan# 80
 Delta R.T. 0.01 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Tgt Ion: 42 Resp: 13058
 Ion Ratio Lower Upper
 42 100
 74 74.1 119.3 178.9#
 44 22.8 5.4 8.2#





#5

2-Fluorophenol

Concen: 136.97 ng

RT: 5.16 min Scan# 370

Delta R.T. 0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampled :

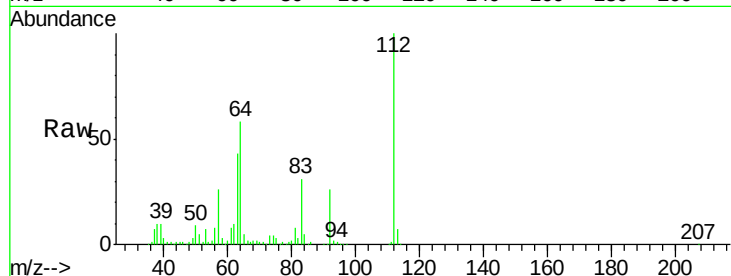
Tot Ion:112 Resp: 556394

Ion Ratio Lower Upper

112 100

64 58.1 38.6 57.8#

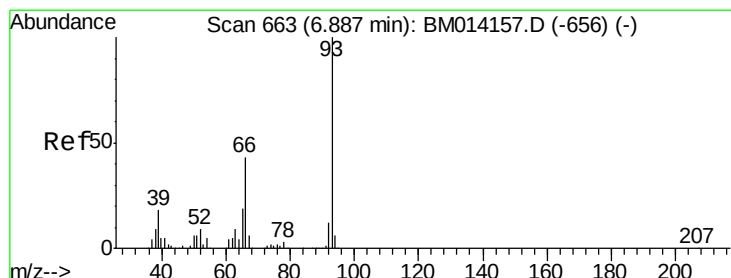
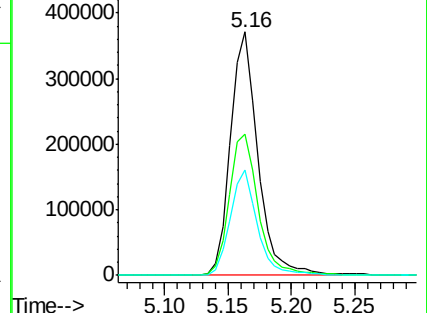
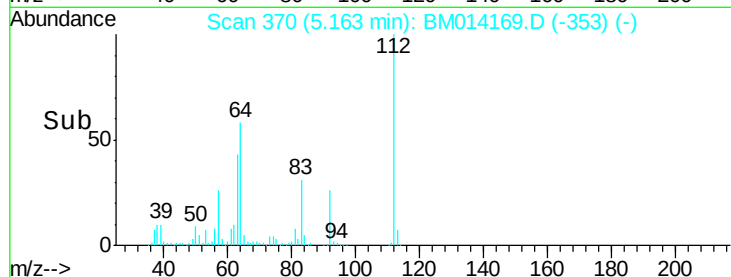
63 43.4 19.3 28.9#



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BM0

Ion 63.00 (62.70 to 63.70): BM0



#6

Aniline

Concen: 4.61 ng

RT: 6.89 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

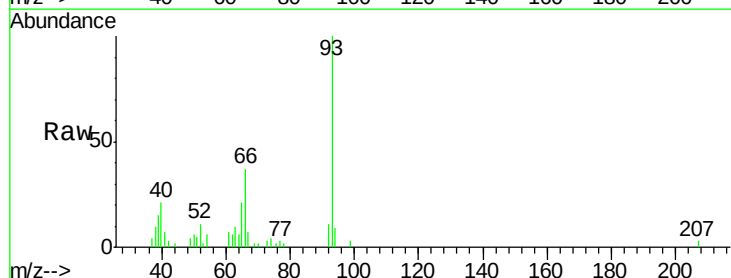
Tgt Ion: 93 Resp: 33823

Ion Ratio Lower Upper

93 100

66 37.1 30.8 46.2

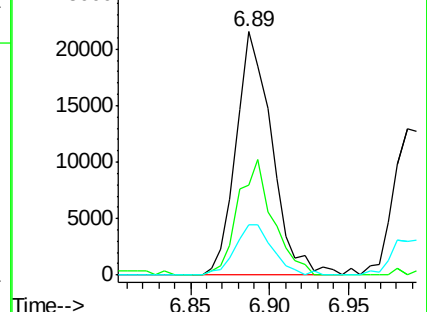
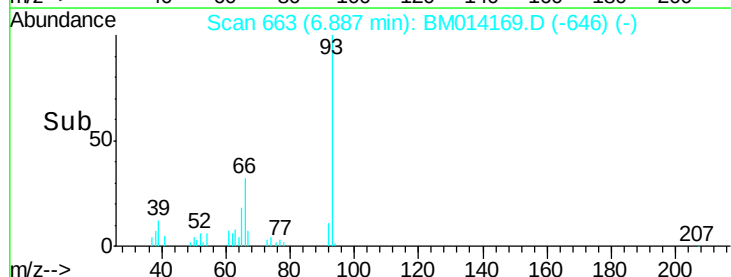
65 20.7 16.0 24.0

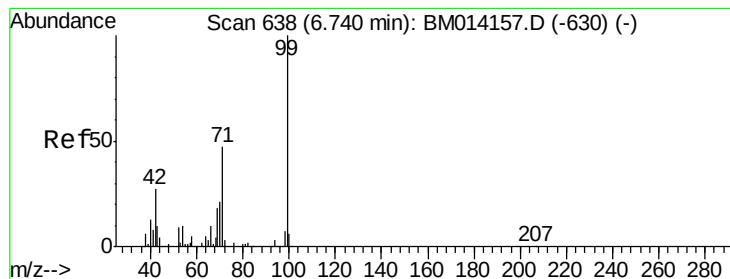


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 131.77 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampleId :

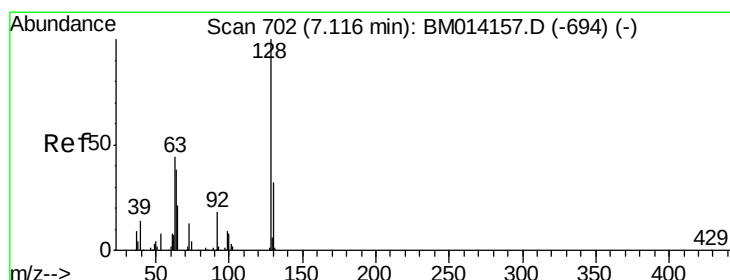
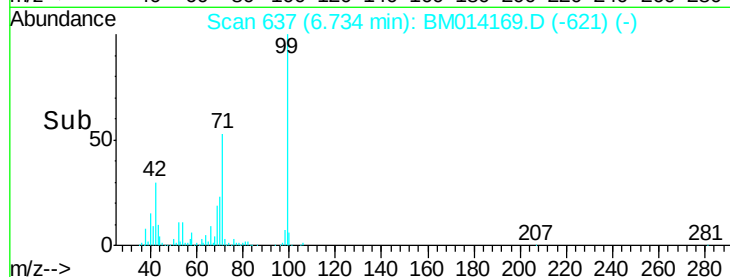
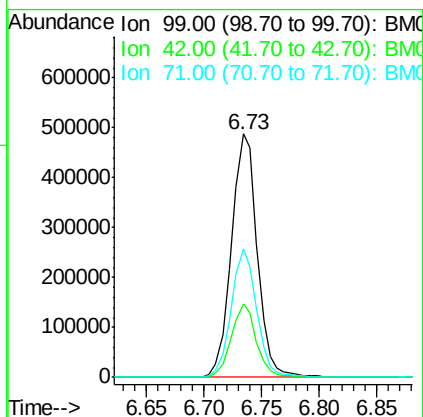
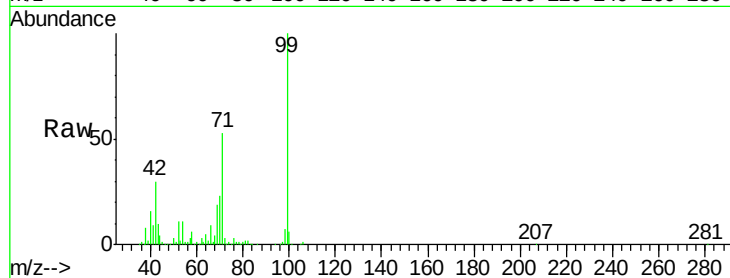
Tot Ion: 99 Resp: 758074

Ion Ratio Lower Upper

99 100

42 30.3 11.0 16.4#

71 52.7 23.4 35.2#



#8

2-Chlorophenol

Concen: 4.65 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

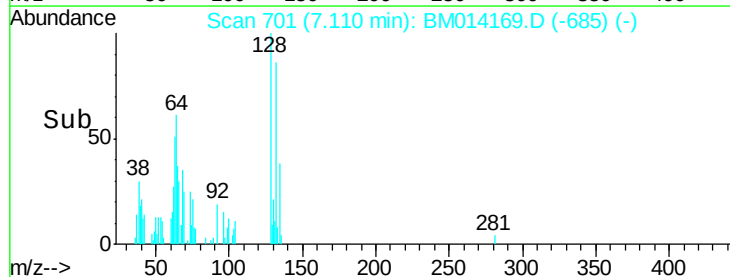
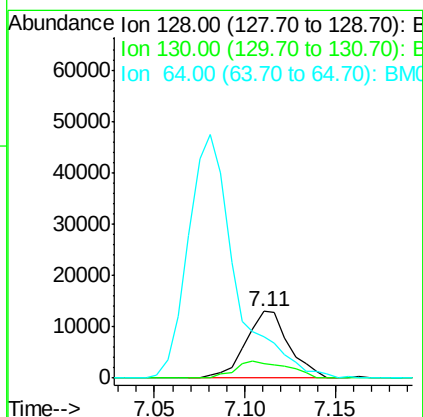
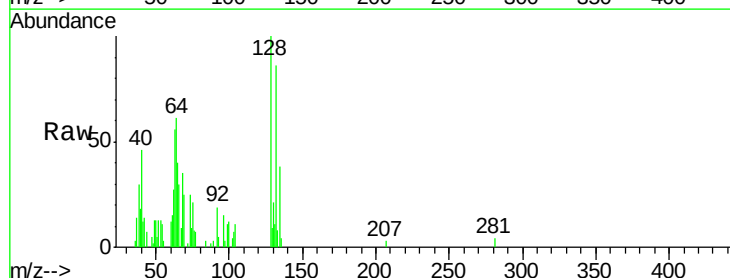
Tgt Ion: 128 Resp: 21455

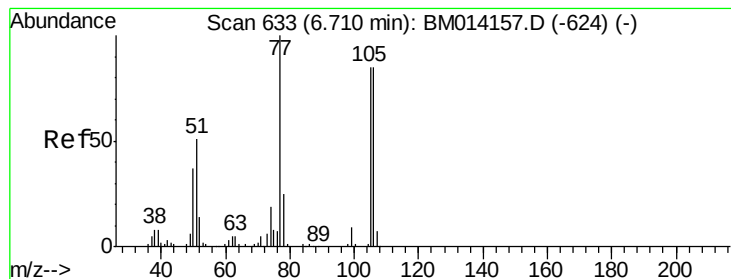
Ion Ratio Lower Upper

128 100

130 21.5 12.0 52.0

64 61.2 24.9 64.9





#9

Benzaldehyde

Concen: 3.83 ng

RT: 6.72 min Scan# 634

Delta R.T. 0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampled :

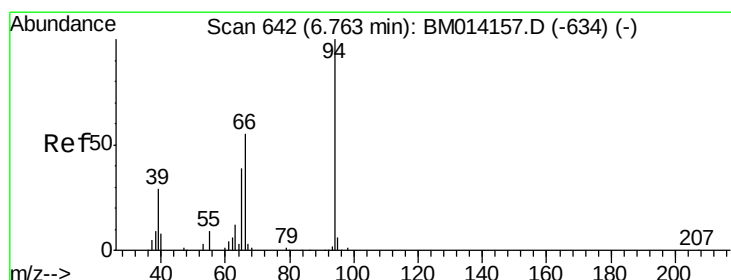
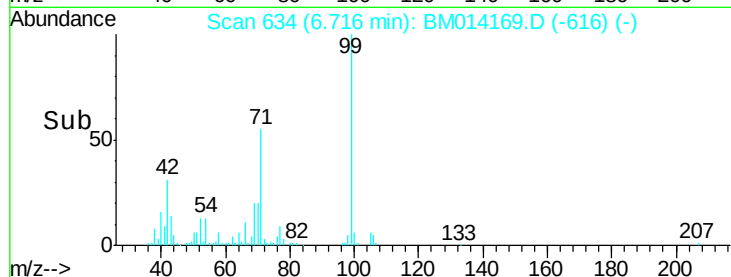
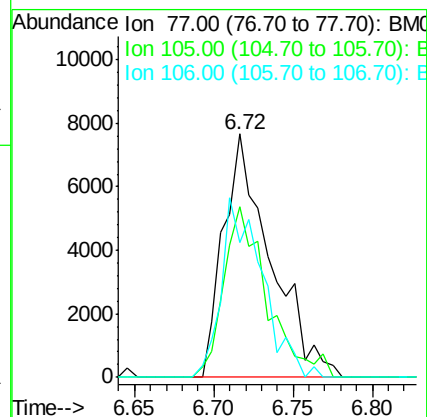
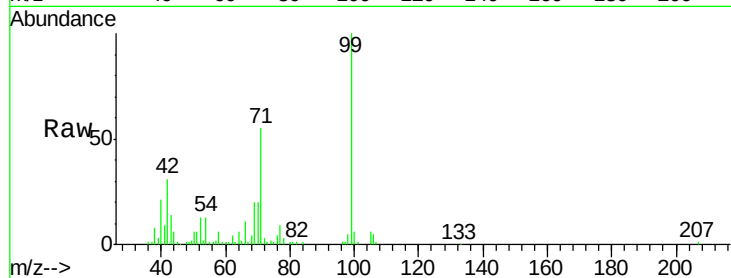
Tot Ion: 77 Resp: 15844

Ion Ratio Lower Upper

77 100

105 70.3 78.8 118.8#

106 55.2 73.7 113.7#



#10

Phenol

Concen: 4.57 ng

RT: 6.76 min Scan# 642

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

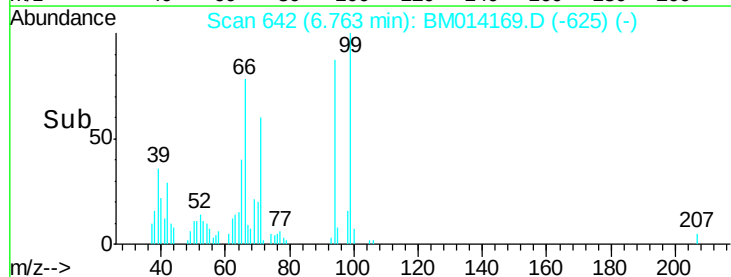
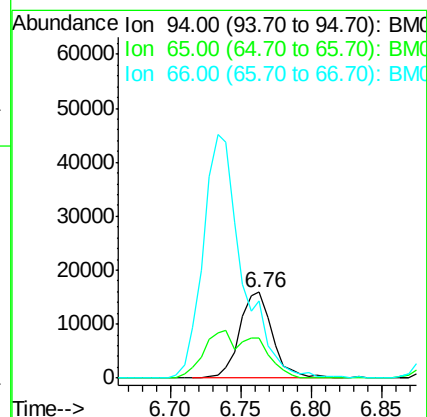
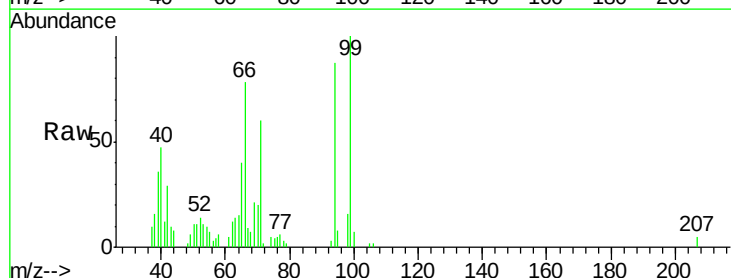
Tgt Ion: 94 Resp: 25964

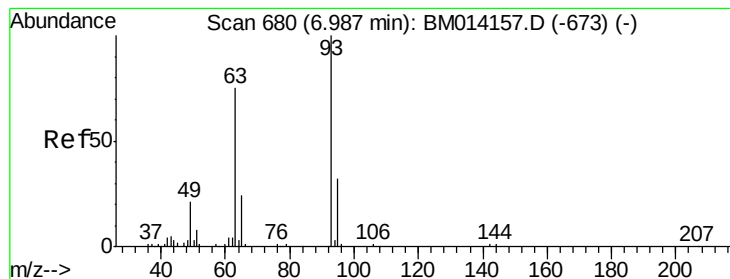
Ion Ratio Lower Upper

94 100

65 46.2 18.8 58.8

66 90.1 39.9 79.9#





#11

bis(2-Chloroethyl)ether

Concen: 4.91 ng

RT: 6.99 min Scan# 680

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampled :

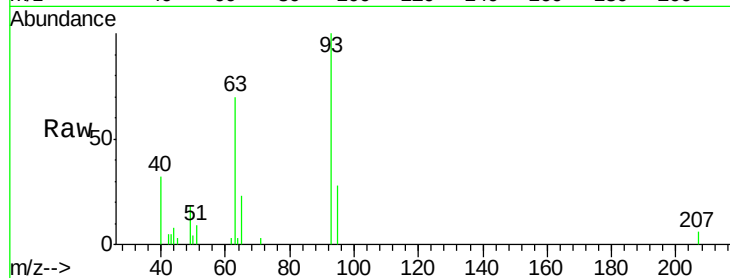
Tot Ion: 93 Resp: 22057

Ion	Ratio	Lower	Upper
93	100		
63	70.4	49.5	89.5
95	27.7	13.5	53.5

93 100

63 70.4 49.5 89.5

95 27.7 13.5 53.5

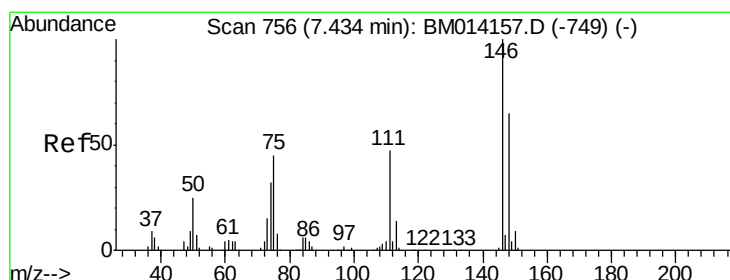
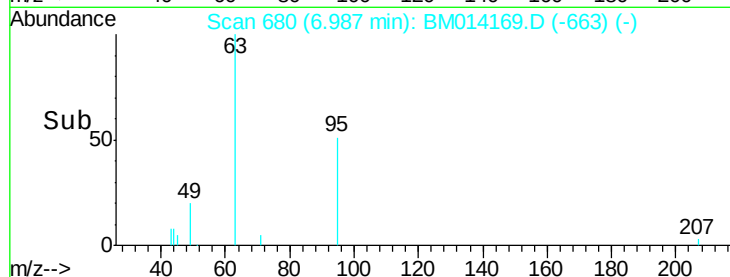
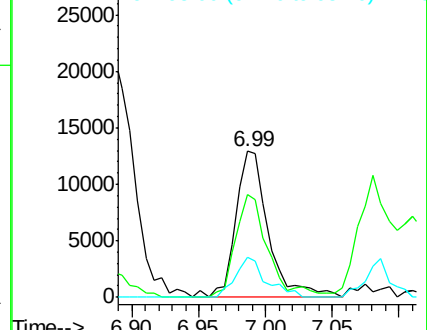


Abundance

Ion 93.00 (92.70 to 93.70): BM014157.D (-673) (-)

Ion 63.00 (62.70 to 63.70): BM014157.D (-673) (-)

Ion 95.00 (94.70 to 95.70): BM014157.D (-673) (-)



#12

1,3-Dichlorobenzene

Concen: 4.48 ng

RT: 7.43 min Scan# 756

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

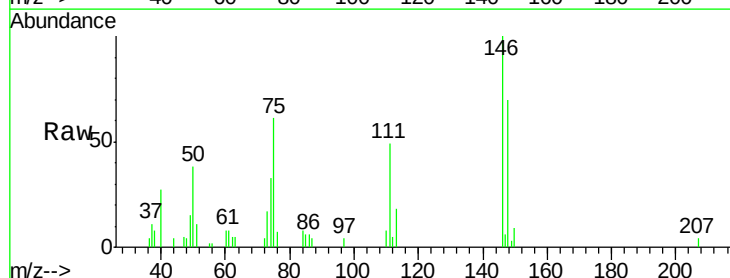
Tgt Ion: 146 Resp: 25881

Ion	Ratio	Lower	Upper
146	100		
148	70.2	50.9	76.3
75	61.1	21.4	32.2

146 100

148 70.2 50.9 76.3

75 61.1 21.4 32.2

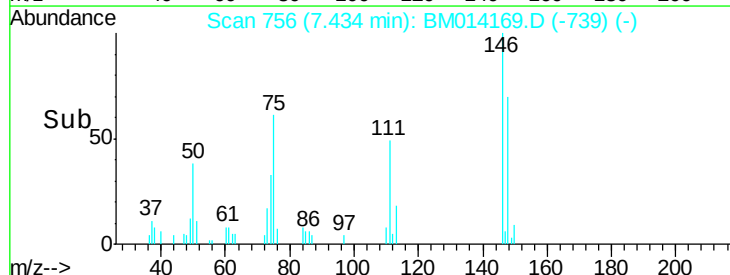
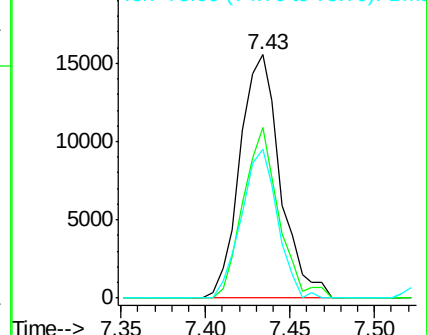


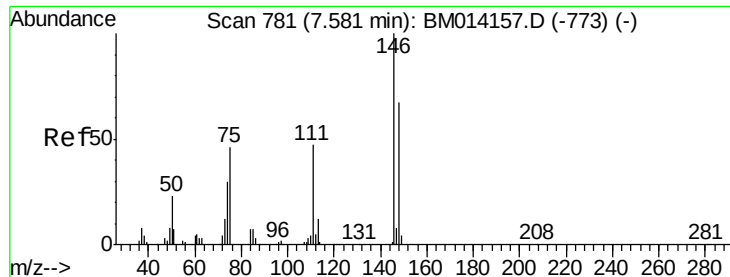
Abundance

Ion 146.00 (145.70 to 146.70): BM014157.D (-749) (-)

Ion 148.00 (147.70 to 148.70): BM014157.D (-749) (-)

Ion 75.00 (74.70 to 75.70): BM014157.D (-749) (-)

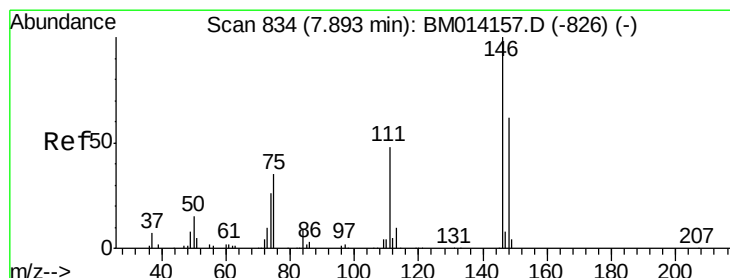
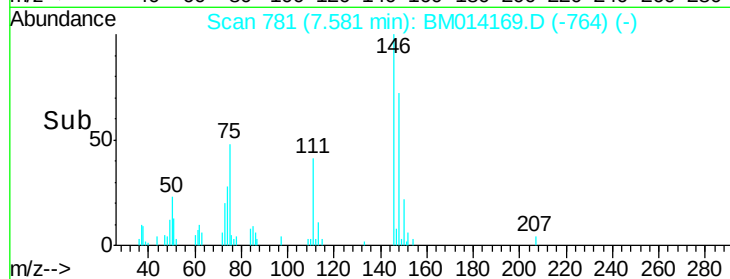
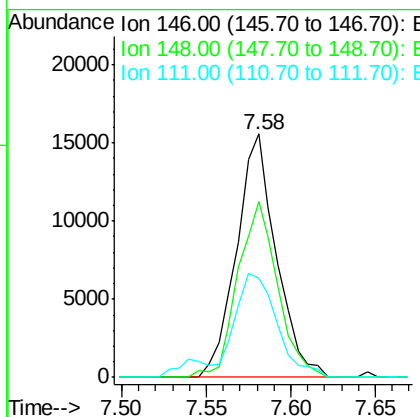
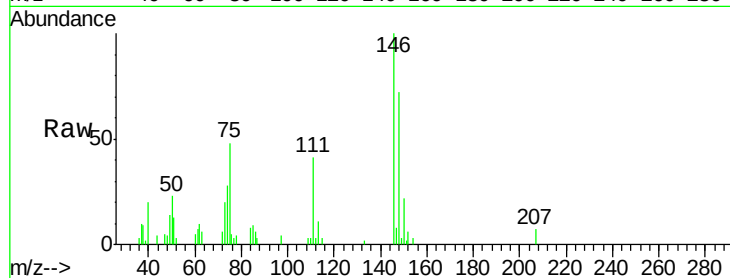




#13
 1,4-Dichlorobenzene
 Concen: 4.40 ng
 RT: 7.58 min Scan# 781
 Delta R.T. -0.00 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

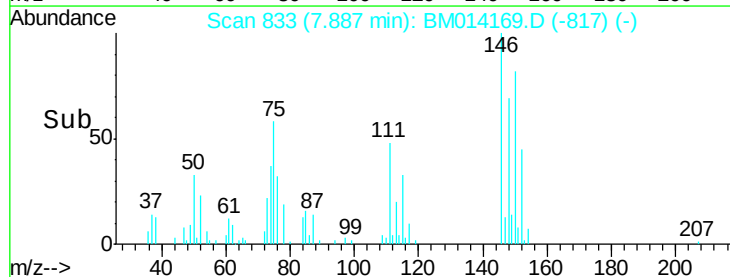
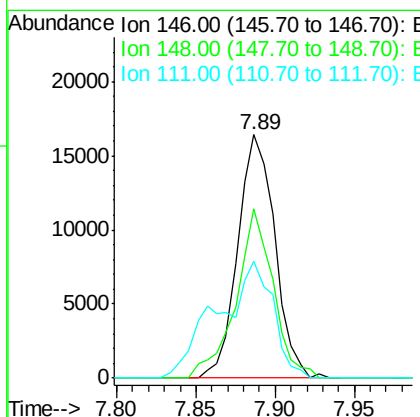
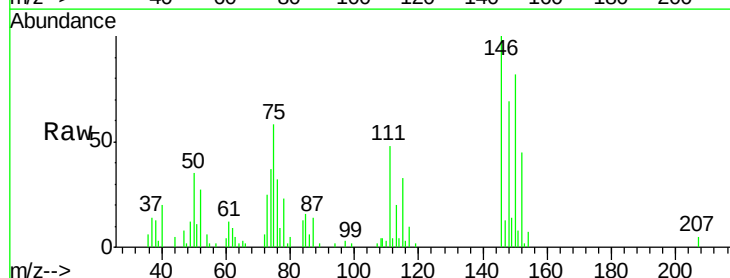
Instrument :
 BNA_M
 ClientSampleId :

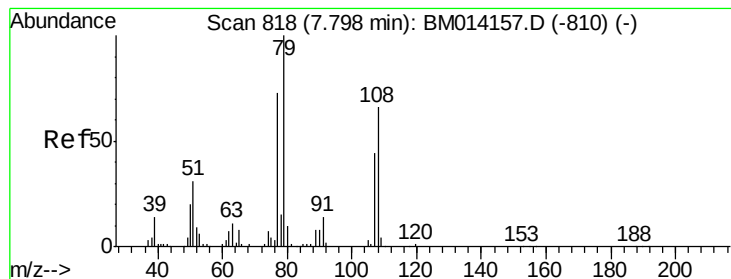
Tot Ion:146 Resp: 25492
 Ion Ratio Lower Upper
 146 100
 148 72.3 51.9 77.9
 111 40.8 29.2 43.8



#14
 1,2-Dichlorobenzene
 Concen: 4.57 ng
 RT: 7.89 min Scan# 833
 Delta R.T. -0.01 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Tgt Ion:146 Resp: 26661
 Ion Ratio Lower Upper
 146 100
 148 69.4 52.3 78.5
 111 48.0 30.6 45.8#





#15

Benzyl Alcohol

Concen: 3.60 ng

RT: 7.81 min Scan# 820

Delta R.T. 0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampleId :

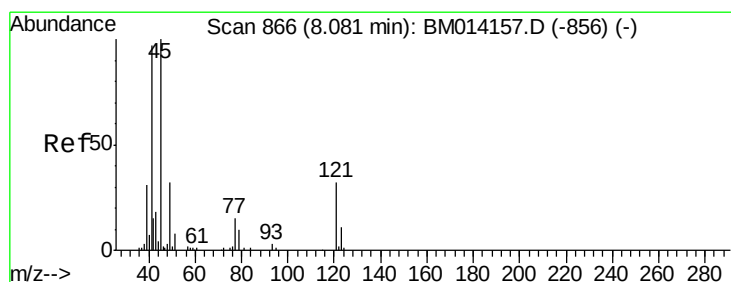
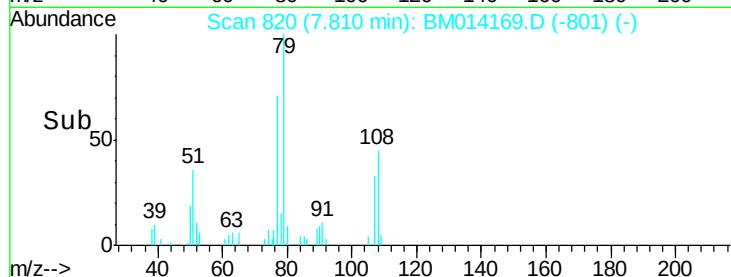
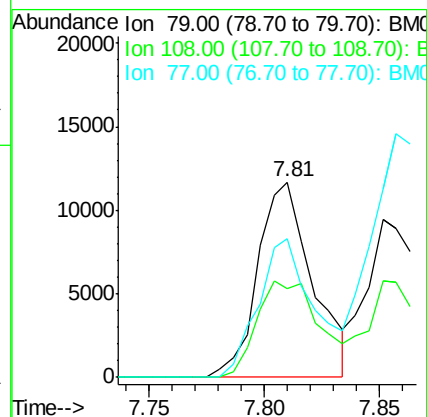
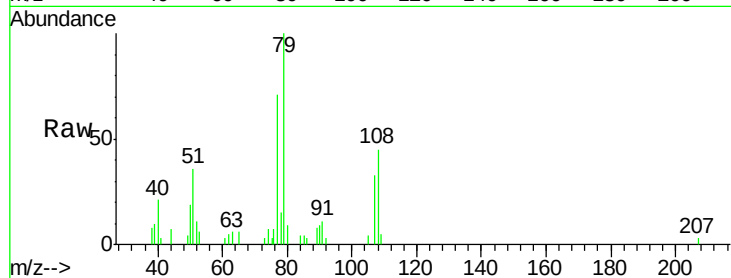
Tot Ion: 79 Resp: 19206

Ion Ratio Lower Upper

79 100

108 45.2 65.0 97.4#

77 71.1 53.0 79.6



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.48 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.02 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

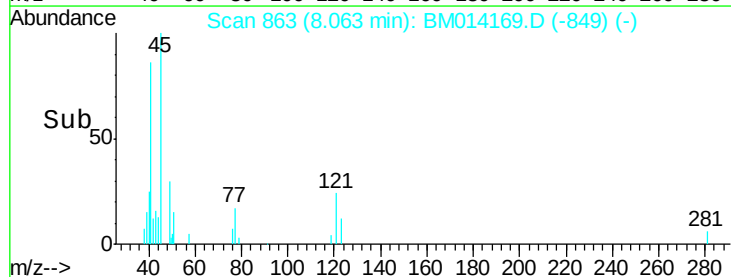
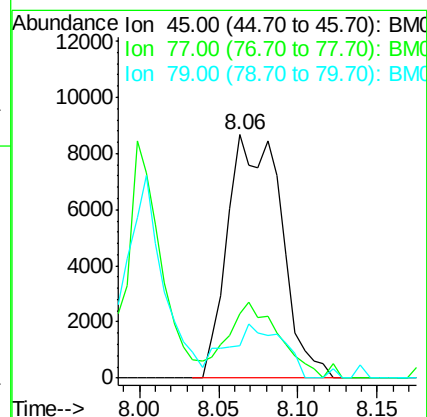
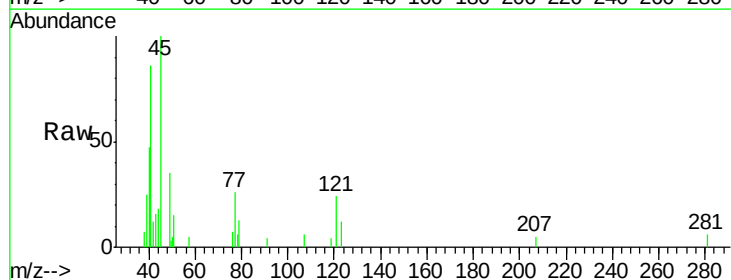
Tgt Ion: 45 Resp: 20445

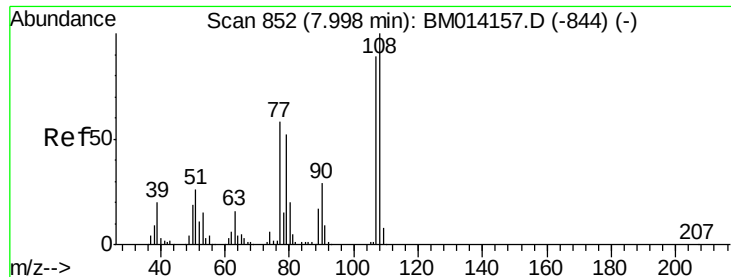
Ion Ratio Lower Upper

45 100

77 26.4 0.0 35.2

79 13.5 0.0 32.0





#17

2-Methylphenol

Concen: 4.50 ng

RT: 8.00 min Scan# 853

Delta R.T. 0.01 min

Lab File: BM014169.D

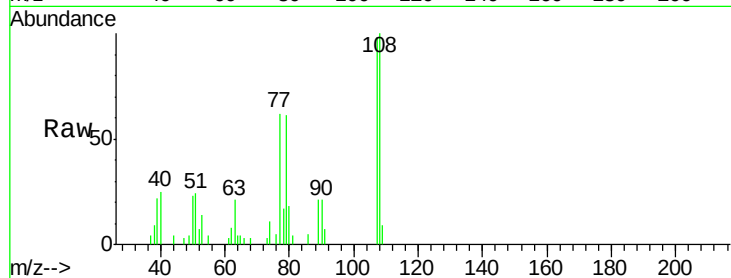
Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	107	Resp:	19544
Ion	Ratio	Lower	Upper
107	100		
108	101.9	89.8	134.8
77	63.1	32.6	48.8#
79	62.5	32.8	49.2#

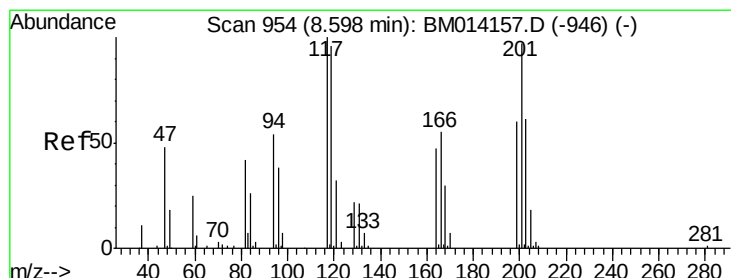
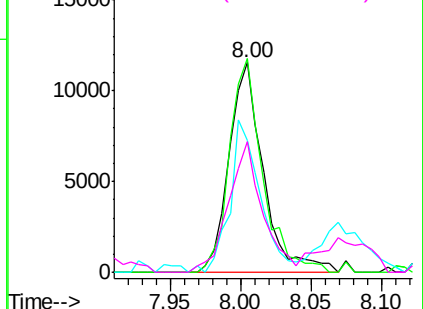
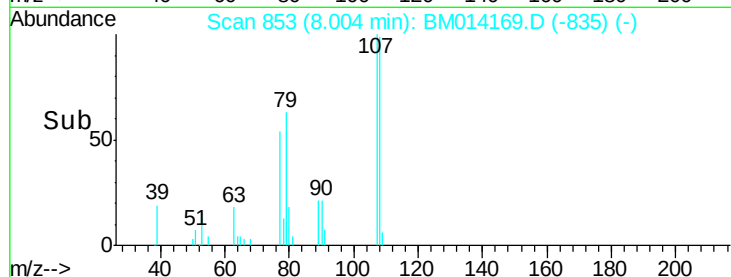


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18

Hexachloroethane

Concen: 4.14 ng

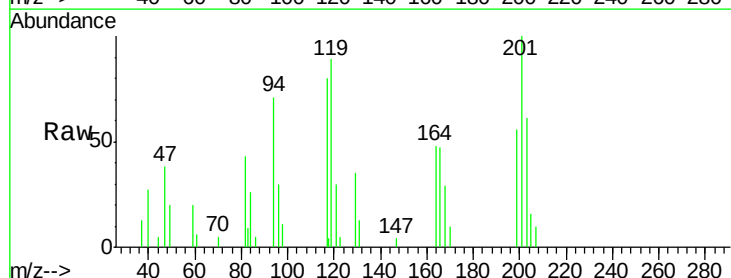
RT: 8.60 min Scan# 954

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

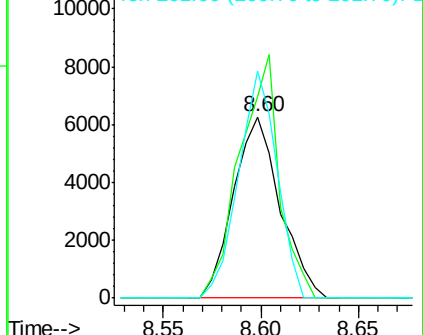
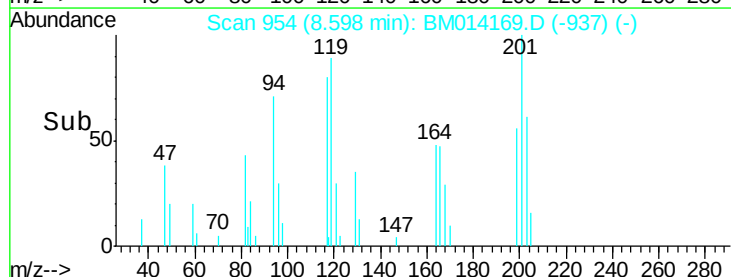
Tgt Ion:	117	Resp:	10387
Ion	Ratio	Lower	Upper
117	100		
119	105.5	79.2	118.8
201	118.8	69.8	104.6#

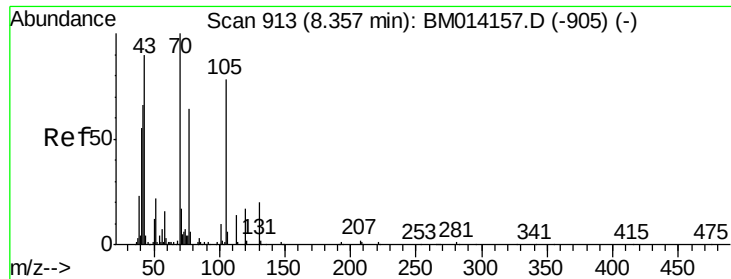


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

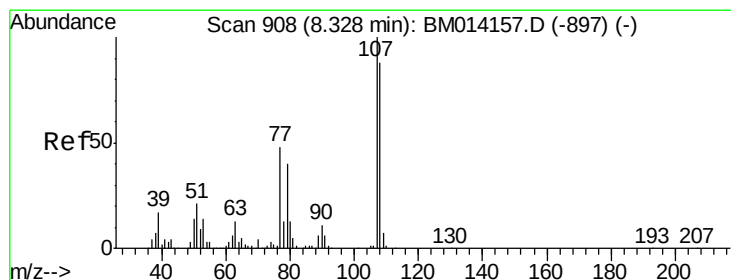
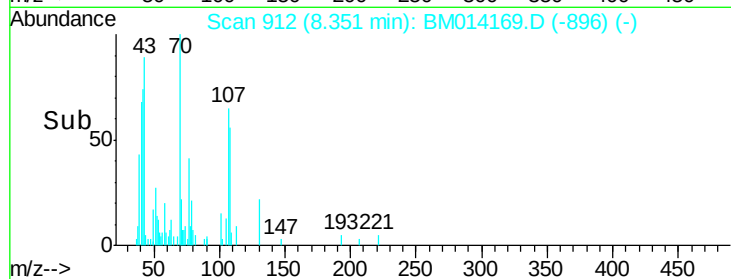
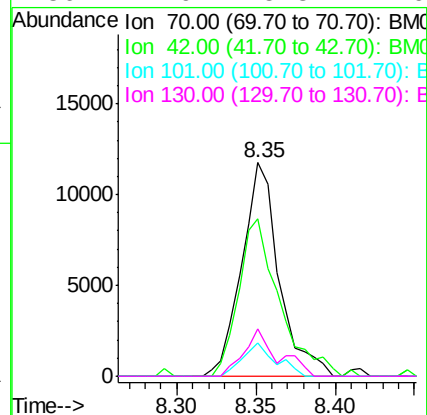
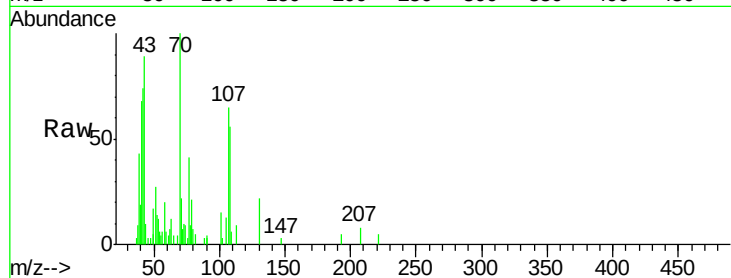




#19
n-Nitroso-di-n-propylamine
Concen: 3.87 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

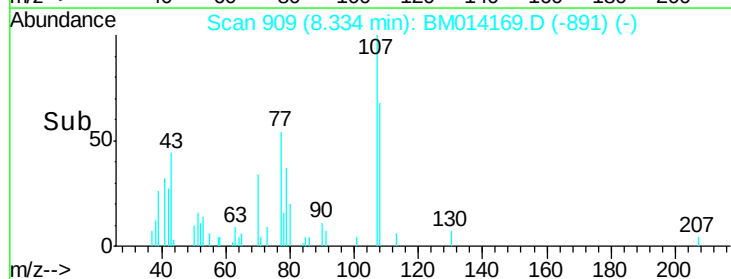
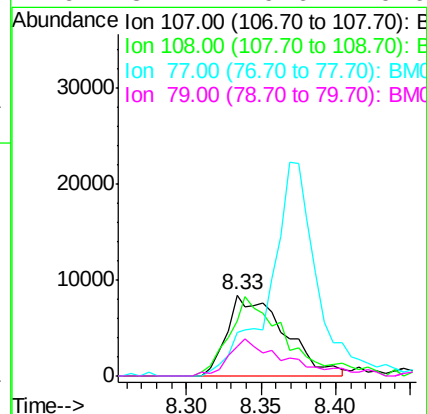
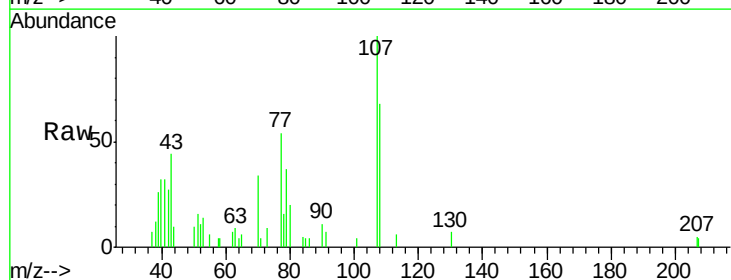
Instrument :
BNA_M
ClientSampleId :

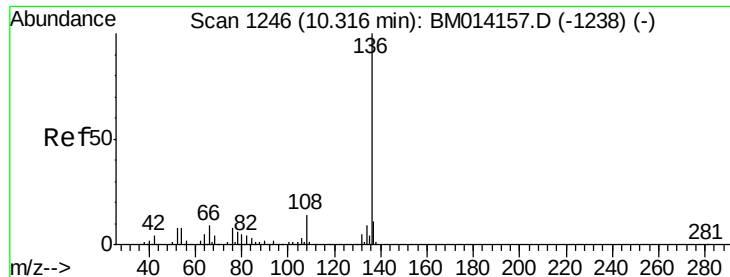
Tot Ion:	70	Resp:	19174
Ion	Ratio	Lower	Upper
70	100		
42	73.8	44.5	66.7#
101	15.5	7.4	11.2#
130	21.9	15.3	22.9



#20
3+4-Methylphenols
Concen: 3.58 ng
RT: 8.33 min Scan# 909
Delta R.T. 0.01 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Tgt Ion:	107	Resp:	22516
Ion	Ratio	Lower	Upper
107	100		
108	68.4	73.2	113.2#
77	54.0	10.7	50.7#
79	37.2	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.32 min Scan# 1246

Delta R.T. -0.00 min

Lab File: BM014169.D

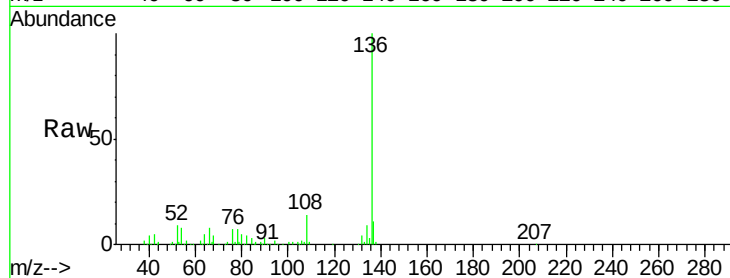
Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136	Resp:	314268
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.7 13.1
54	8.0	4.6 6.8#
68	4.0	3.7 5.5

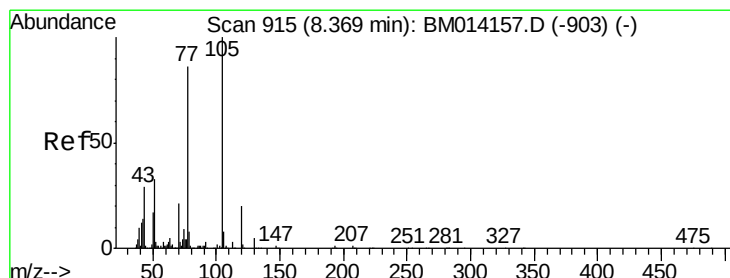
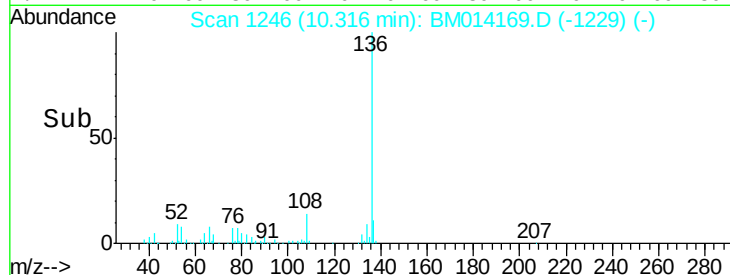
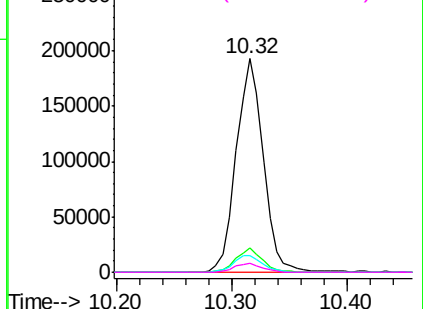


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BM

Ion 68.00 (67.70 to 68.70): BM



#22

Acetophenone

Concen: 4.40 ng

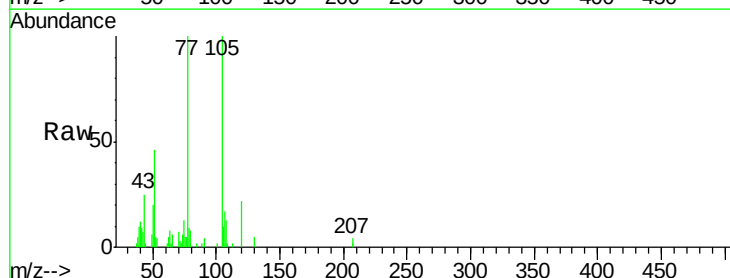
RT: 8.37 min Scan# 916

Delta R.T. 0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Tgt Ion:105	Resp:	39722
Ion Ratio	Lower	Upper
105	100	
71	2.8	0.6 1.0#
51	46.3	21.6 32.4#
120	21.9	16.1 24.1

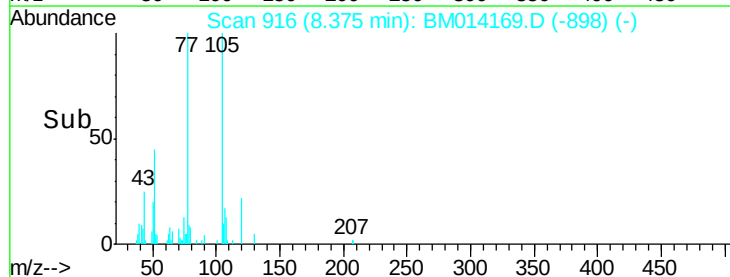
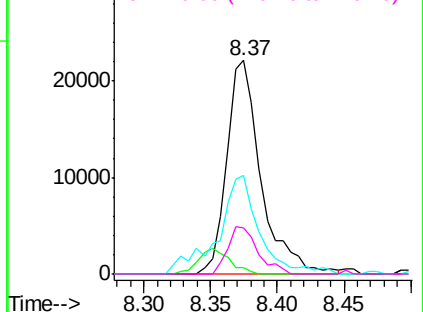


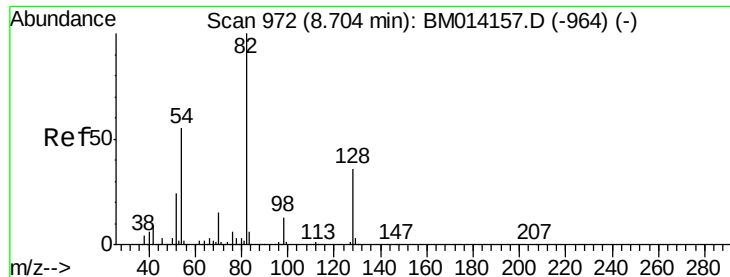
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BM

Ion 51.00 (50.70 to 51.70): BM

Ion 120.00 (119.70 to 120.70): E

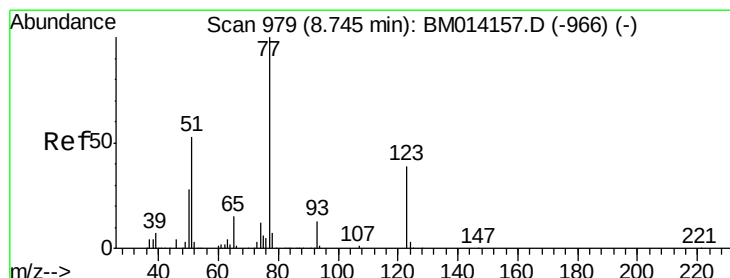
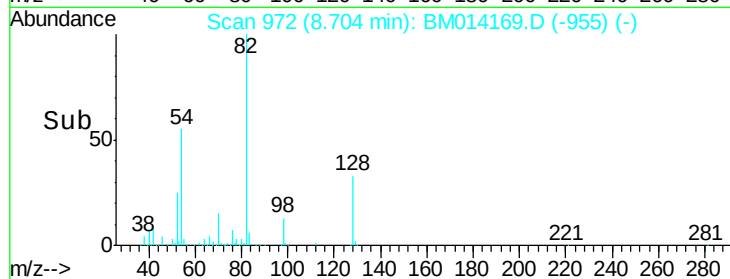
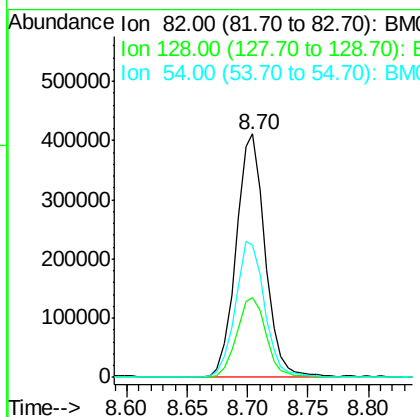
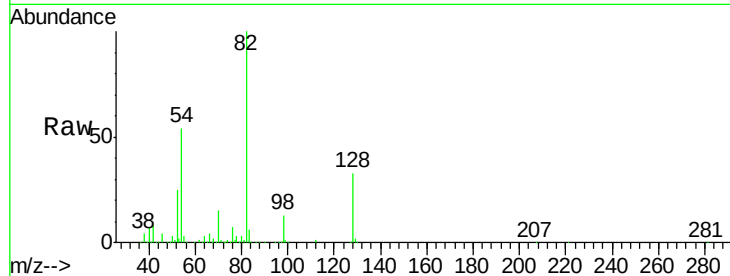




#23
 Nitrobenzene-d5
 Concen: 98.04 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

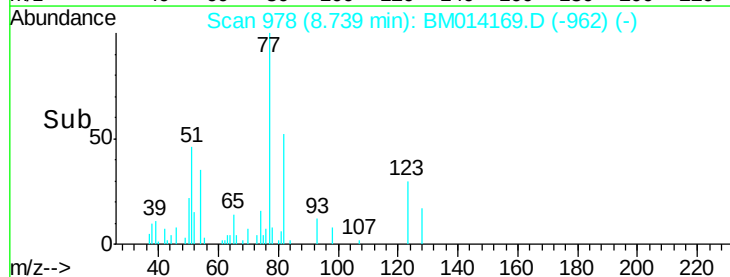
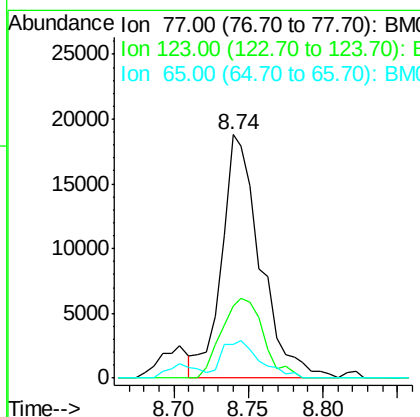
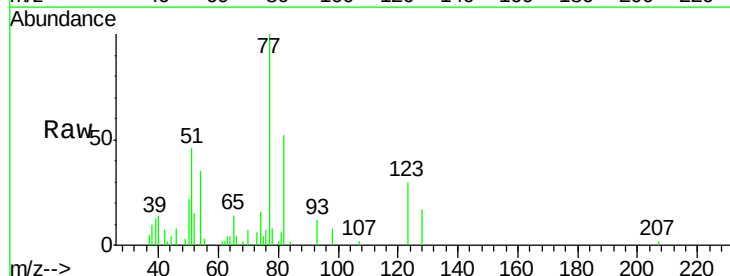
Instrument :
 BNA_M
 ClientSampled :

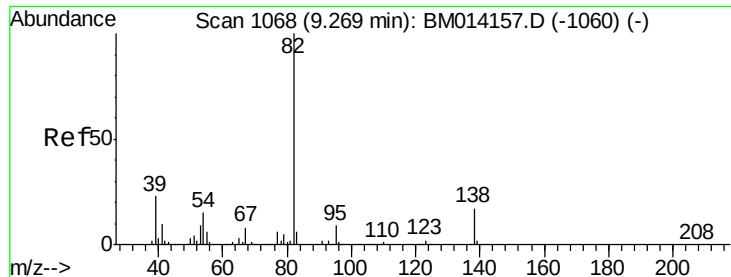
Tot Ion	82	Resp	689809
Ion Ratio	Lower	Upper	
82	100		
128	32.7	32.8	49.2#
54	54.1	40.6	60.8



#24
 Nitrobenzene
 Concen: 4.71 ng
 RT: 8.74 min Scan# 978
 Delta R.T. -0.01 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Tgt Ion	77	Resp	34104
Ion Ratio	Lower	Upper	
77	100		
123	29.7	32.6	49.0#
65	14.1	10.9	16.3





#25

Isophorone

Concen: 4.61 ng

RT: 9.26 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampleId :

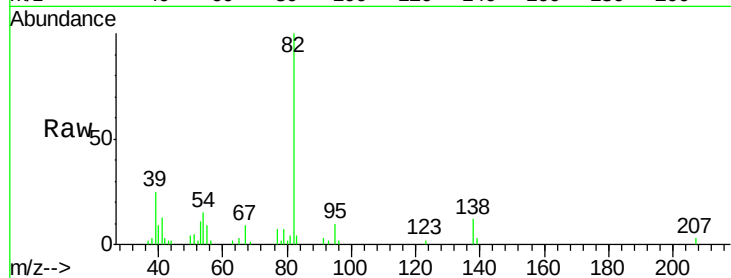
Tot Ion: 82 Resp: 53686

Ion Ratio Lower Upper

82 100

95 9.8 5.8 8.6#

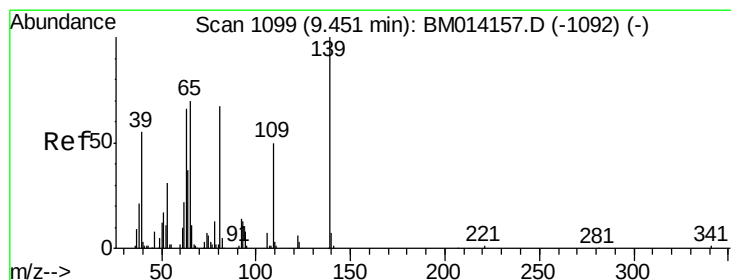
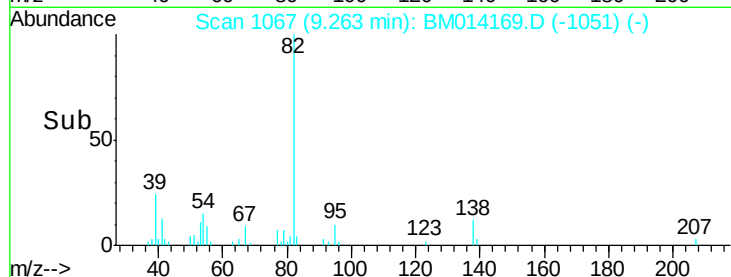
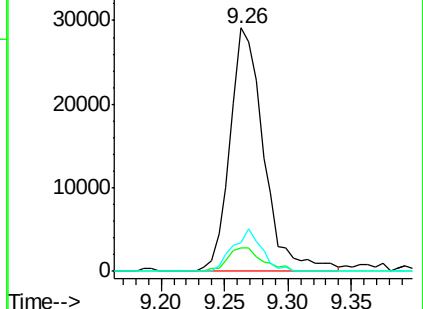
138 11.6 16.3 24.5#



Abundance Ion 82.00 (81.70 to 82.70): BM014157.D (-1060) (-)

Ion 95.00 (94.70 to 95.70): BM014157.D (-1060) (-)

Ion 138.00 (137.70 to 138.70): BM014157.D (-1060) (-)



#26

2-Nitrophenol

Concen: 4.27 ng

RT: 9.47 min Scan# 1102

Delta R.T. 0.02 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

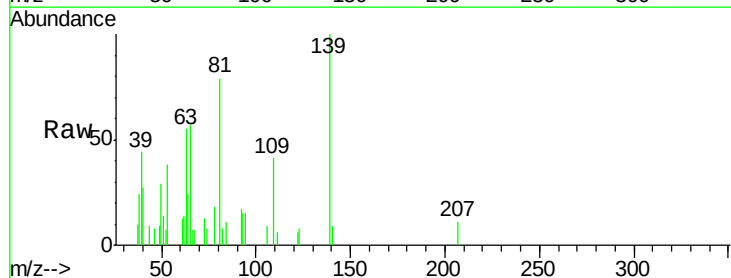
Tgt Ion: 139 Resp: 11657

Ion Ratio Lower Upper

139 100

109 40.6 20.1 30.1#

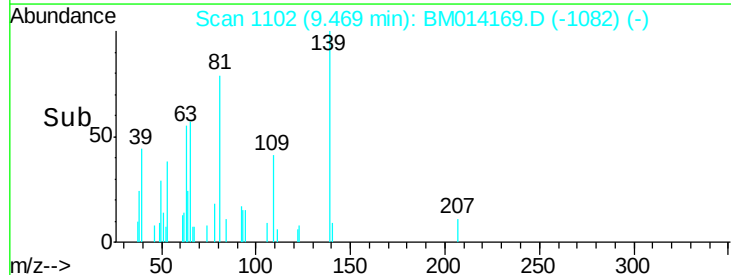
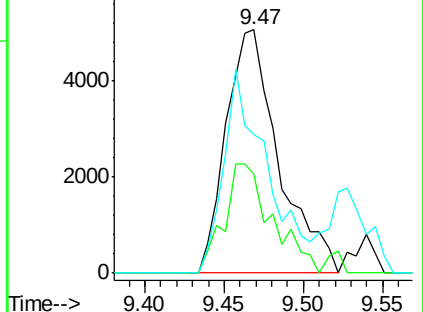
65 57.1 31.5 47.3#

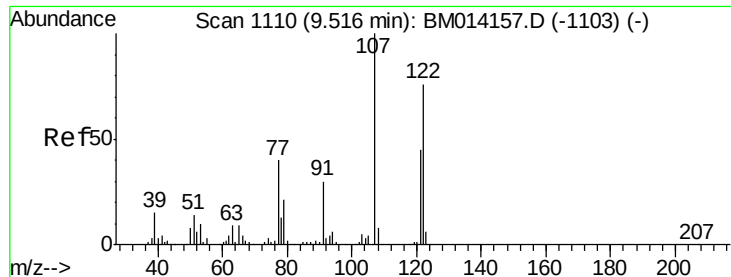


Abundance Ion 139.00 (138.70 to 139.70): BM014157.D (-1092) (-)

Ion 109.00 (108.70 to 109.70): BM014157.D (-1092) (-)

Ion 65.00 (64.70 to 65.70): BM014157.D (-1092) (-)

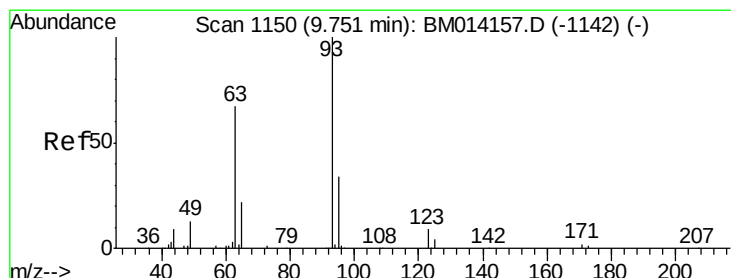
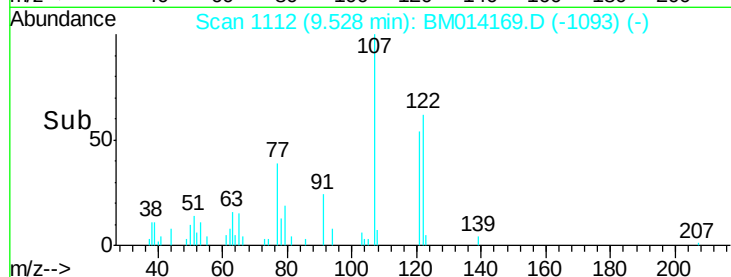
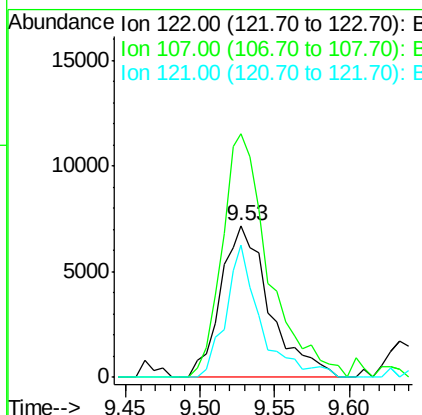
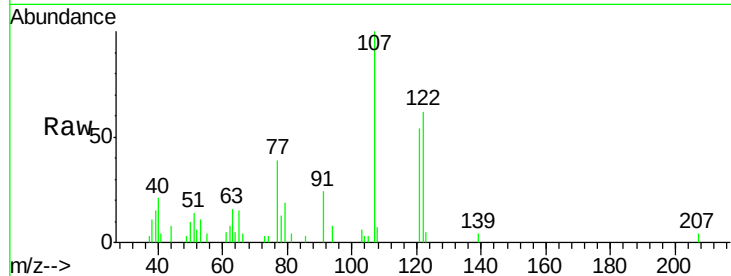




#27
 2,4-Dimethylphenol
 Concen: 3.94 ng
 RT: 9.53 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

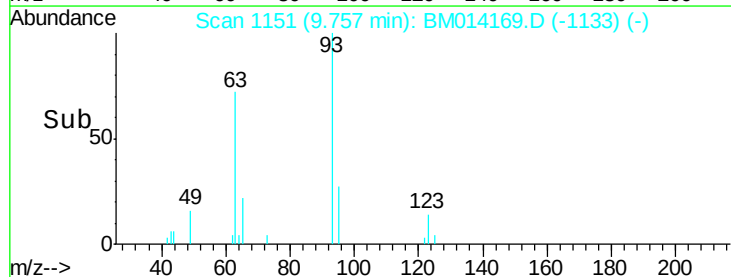
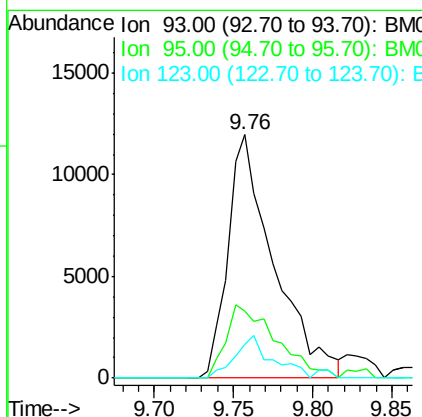
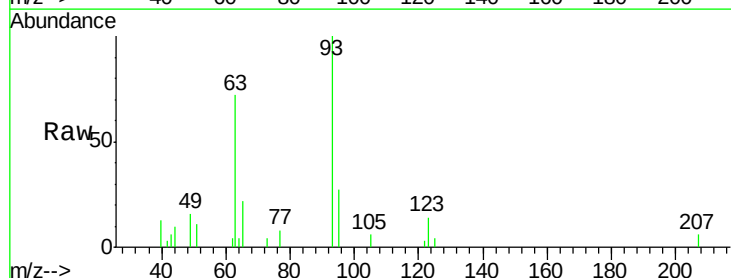
Instrument :
 BNA_M
 ClientSampled :

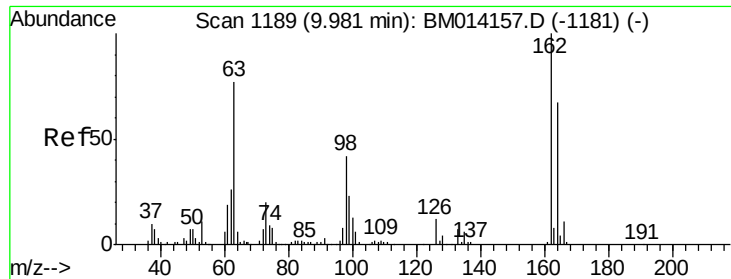
Tot Ion:122 Resp: 16431
 Ion Ratio Lower Upper
 122 100
 107 160.5 84.7 127.1#
 121 87.4 46.6 69.8#



#28
 bis(2-Chloroethoxy)methane
 Concen: 4.03 ng
 RT: 9.76 min Scan# 1151
 Delta R.T. 0.01 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Tgt Ion: 93 Resp: 24073
 Ion Ratio Lower Upper
 93 100
 95 27.5 25.5 38.3
 123 13.7 8.6 13.0#

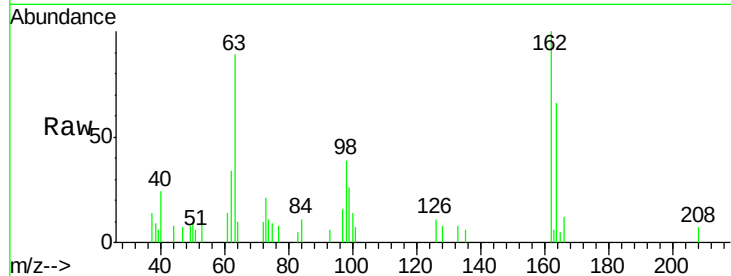




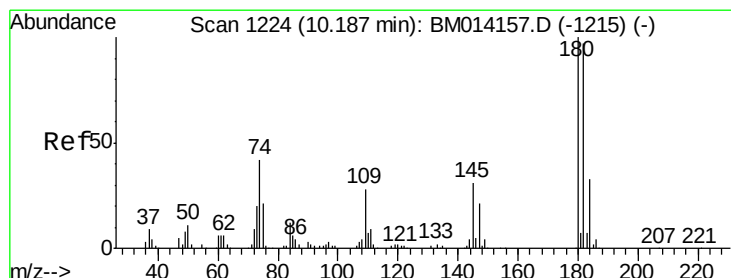
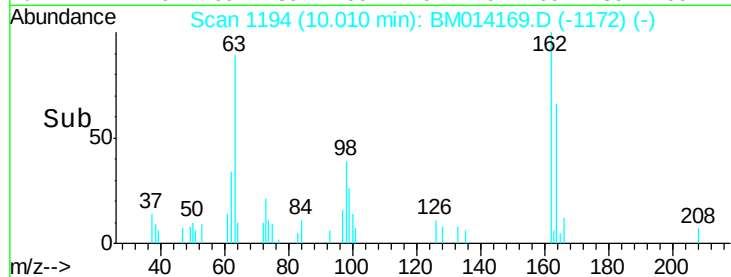
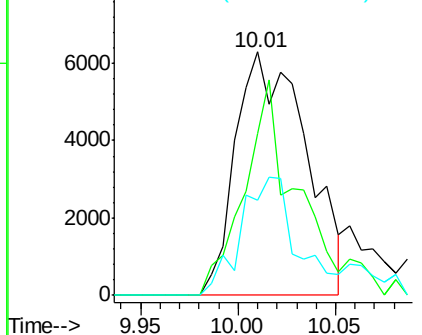
#29
 2,4-Dichlorophenol
 Concen: 3.40 ng
 RT: 10.01 min Scan# 1194
 Delta R.T. 0.03 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Instrument :
 BNA_M
 ClientSampled :

Tot Ion:162 Resp: 15805
 Ion Ratio Lower Upper
 162 100
 164 66.4 42.8 82.8
 98 39.1 14.5 54.5

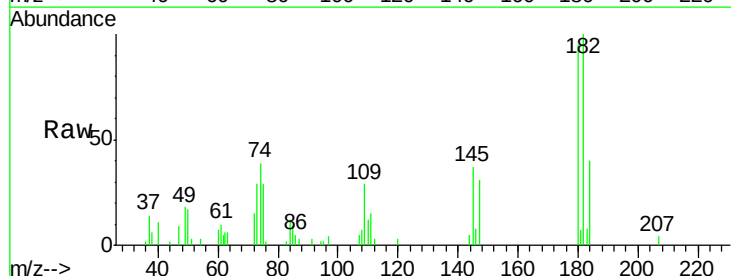


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

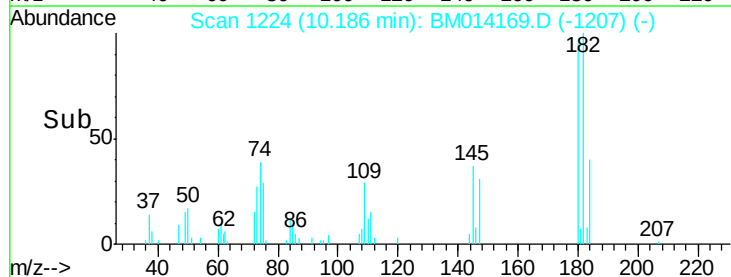
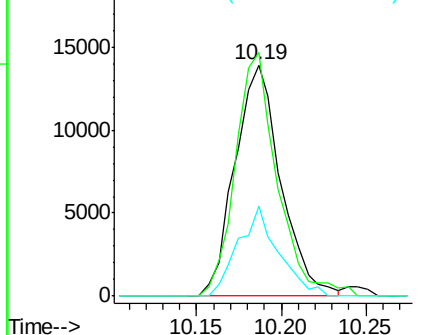


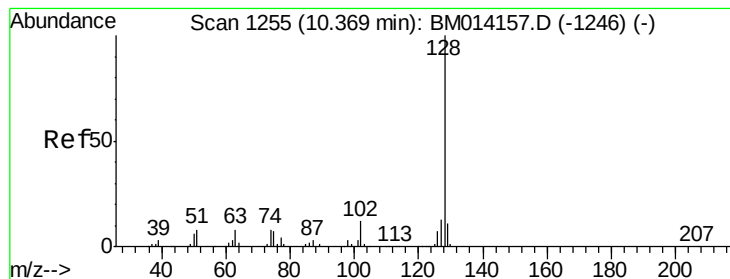
#30
 1,2,4-Trichlorobenzene
 Concen: 4.28 ng
 RT: 10.19 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Tgt Ion:180 Resp: 26266
 Ion Ratio Lower Upper
 180 100
 182 105.3 77.6 116.4
 145 38.8 23.4 35.2#



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

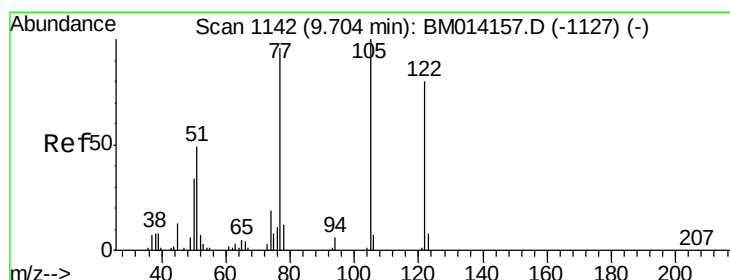
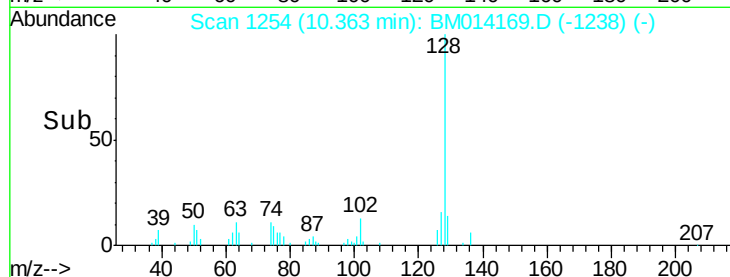
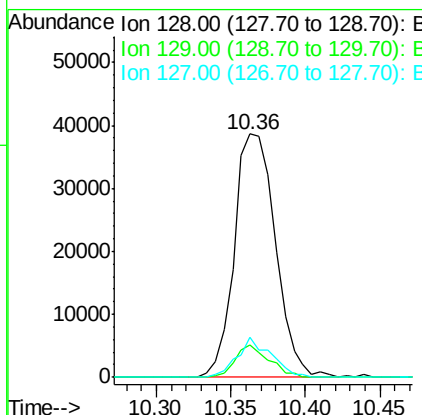
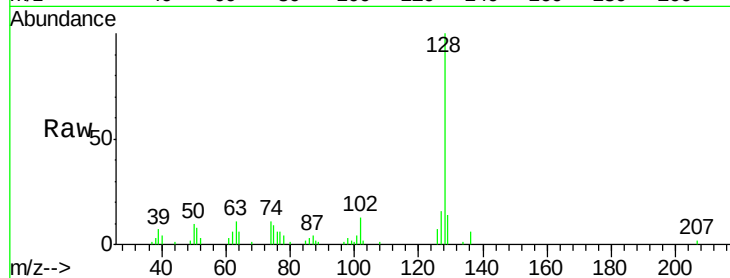




#31
Naphthalene
Concen: 4.30 ng
RT: 10.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

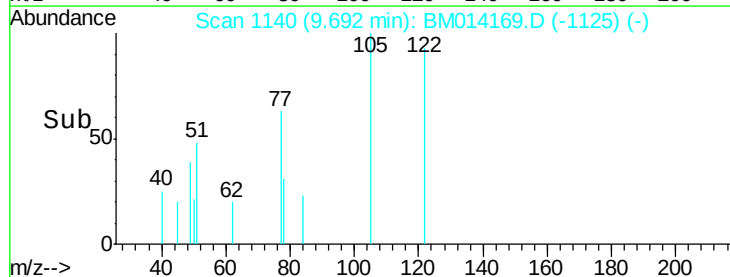
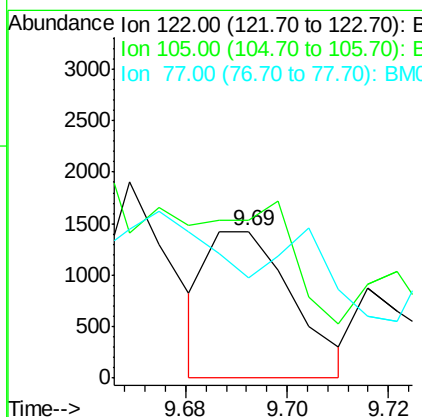
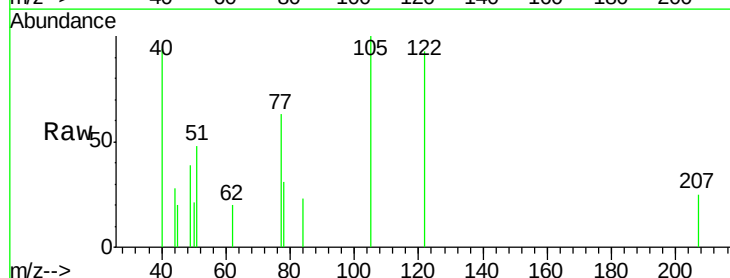
Instrument :
BNA_M
ClientSampled :

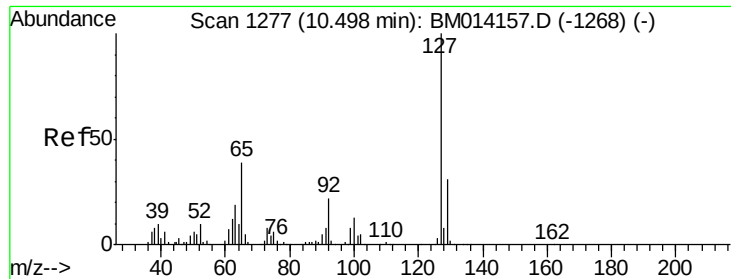
Tot Ion	Ratio	Lower	Upper
128	100		
129	13.6	8.9	13.3#
127	16.3	10.4	15.6#



#32
Benzoic acid
Concen: 6.59 ng
RT: 9.69 min Scan# 1140
Delta R.T. -0.01 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Tgt Ion	Ratio	Lower	Upper
122	100		
105	108.1	99.9	139.9
77	68.5	73.7	113.7#

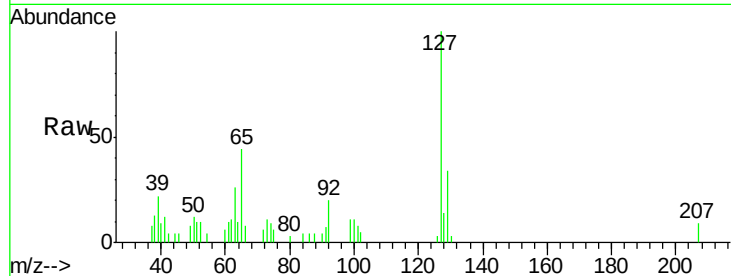




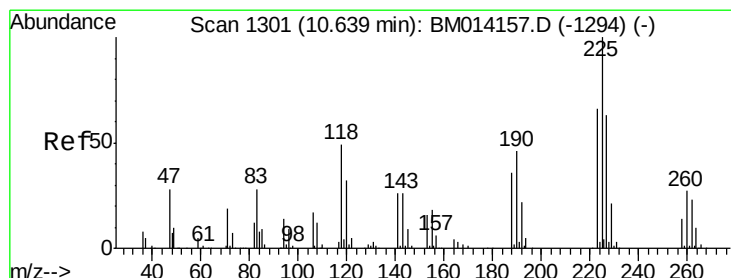
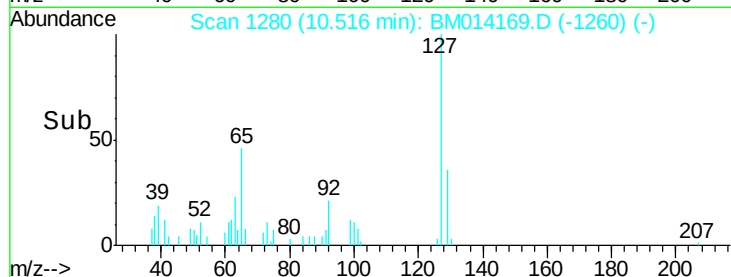
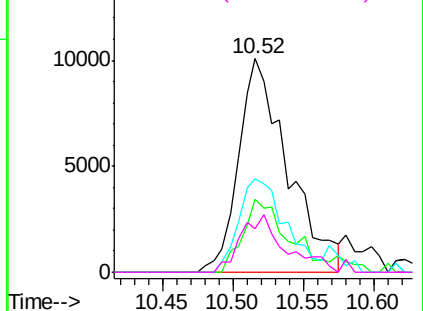
#33
4-Chloroaniline
Concen: 3.44 ng
RT: 10.52 min Scan# 1280
Delta R.T. 0.02 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127	Resp:	24604
Ion Ratio	Lower	Upper
127	100	
129	34.2	25.3 37.9
65	43.7	17.6 26.4
92	20.4	13.1 19.7

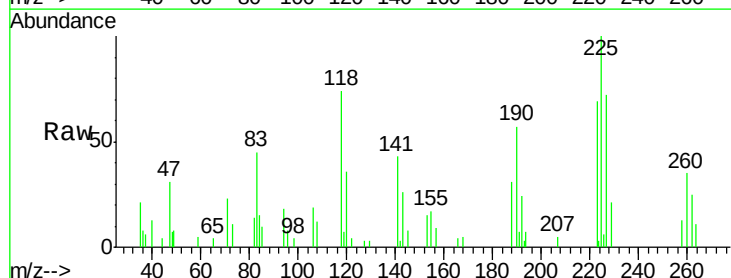


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

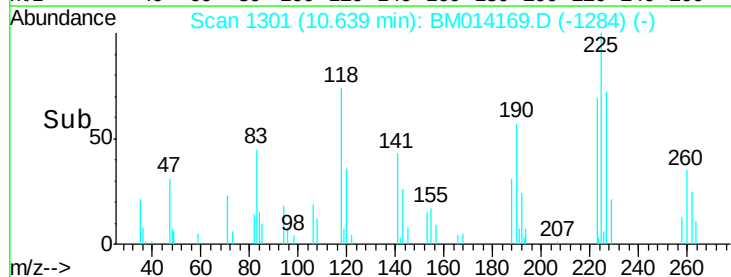
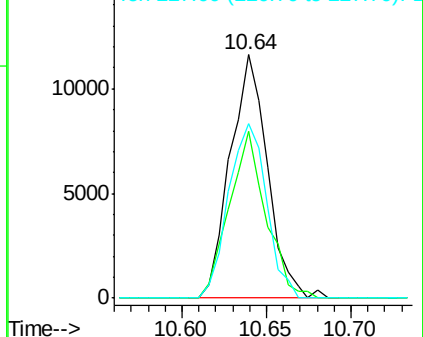


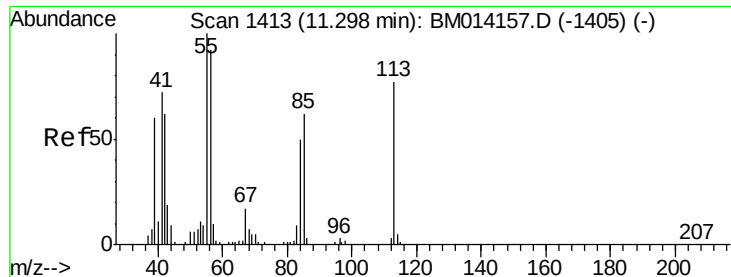
#34
Hexachlorobutadiene
Concen: 4.25 ng
RT: 10.64 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Tgt Ion:225	Resp:	17876
Ion Ratio	Lower	Upper
225	100	
223	68.6	47.9 71.9
227	71.5	50.1 75.1



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: 2.88 ng

RT: 11.30 min Scan# 1413

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampleId :

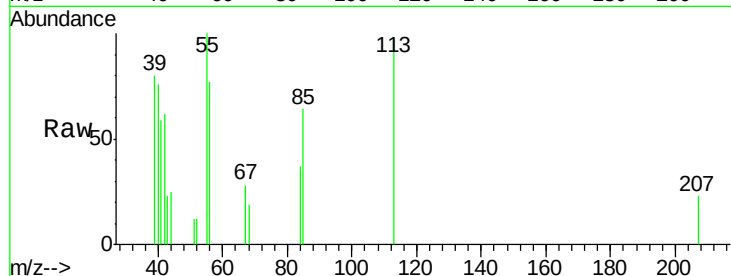
Tot Ion:113 Resp: 4793

Ion Ratio Lower Upper

113 100

55 102.7 145.9 185.9#

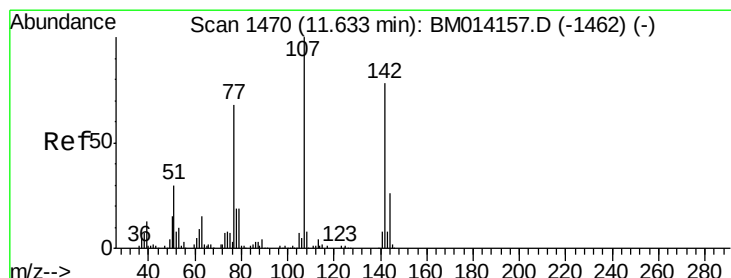
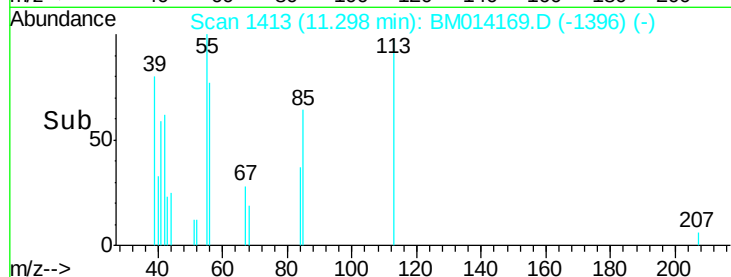
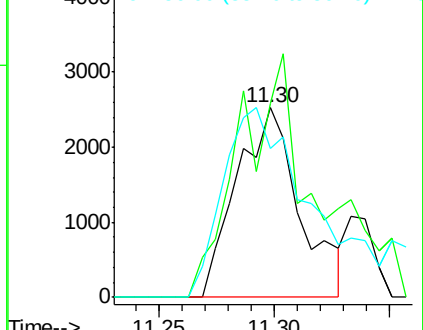
56 79.0 101.0 141.0#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BM0

Ion 56.00 (55.70 to 56.70): BM0



#36

4-Chloro-3-methylphenol

Concen: 3.63 ng

RT: 11.65 min Scan# 1472

Delta R.T. 0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

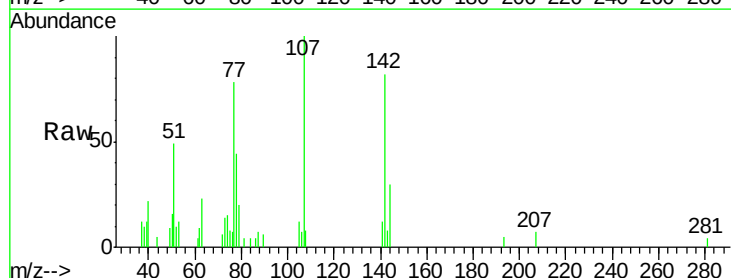
Tgt Ion:107 Resp: 20903

Ion Ratio Lower Upper

107 100

144 30.4 23.3 34.9

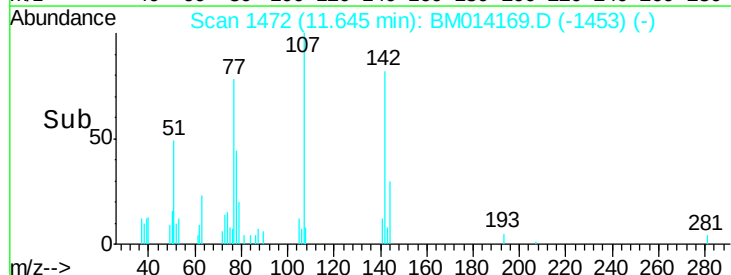
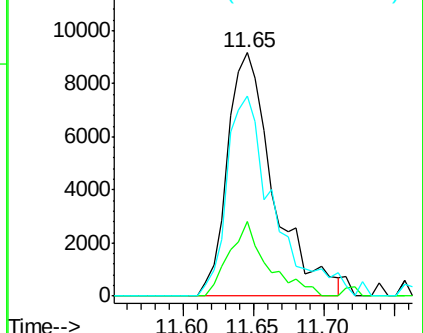
142 82.0 72.6 109.0

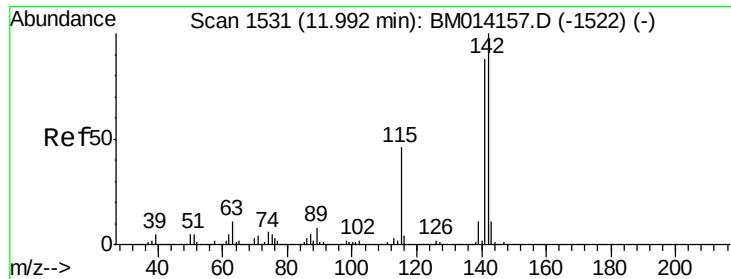


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

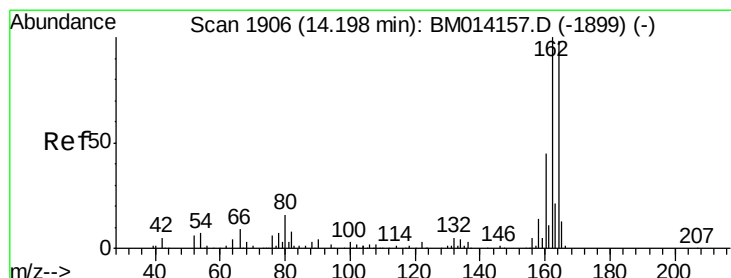
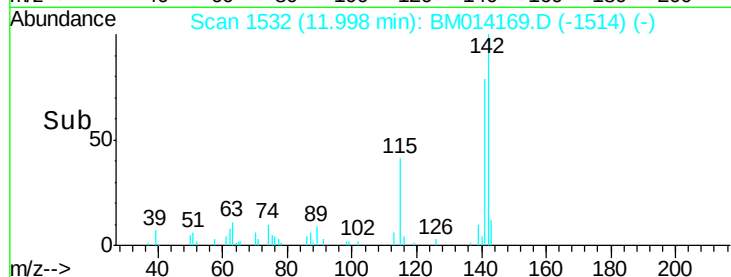
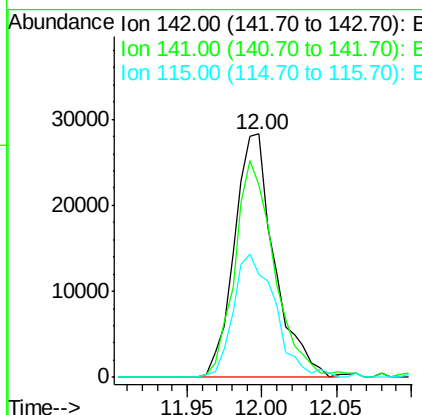
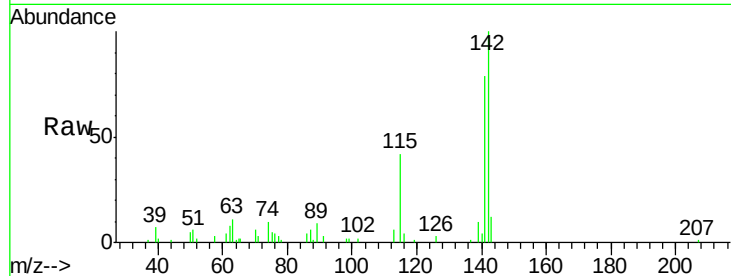




#37
2-Methylnaphthalene
Concen: 4.08 ng
RT: 12.00 min Scan# 1532
Delta R.T. 0.01 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

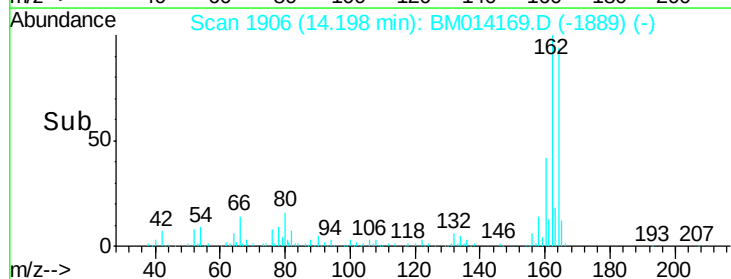
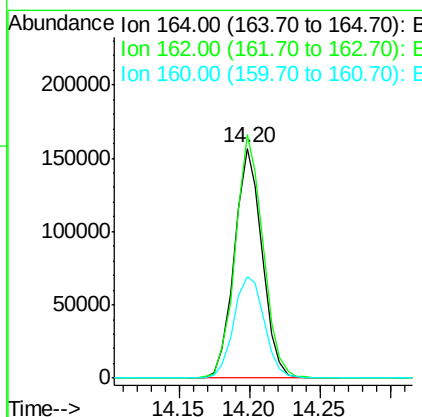
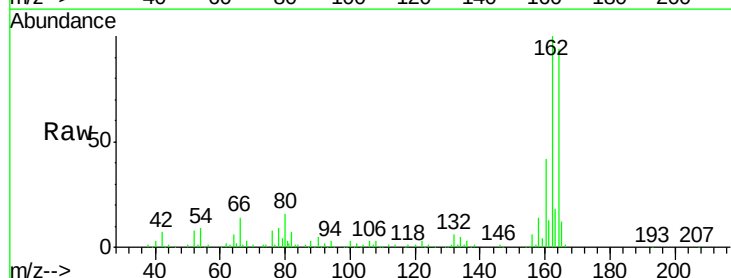
Instrument :
BNA_M
ClientSampleId :

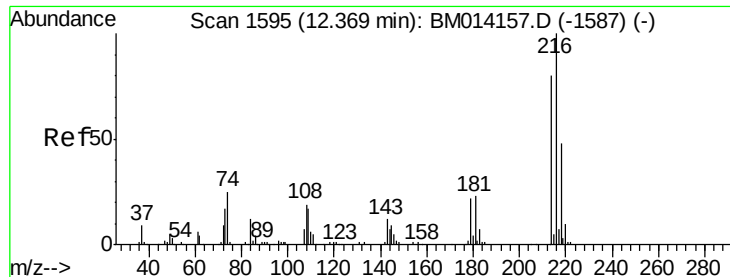
Tot Ion:142 Resp: 52934
Ion Ratio Lower Upper
142 100
141 78.8 71.9 107.9
115 42.5 25.4 38.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.20 min Scan# 1906
Delta R.T. -0.00 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Tgt Ion:164 Resp: 213761
Ion Ratio Lower Upper
164 100
162 105.9 82.4 123.6
160 44.2 35.8 53.6

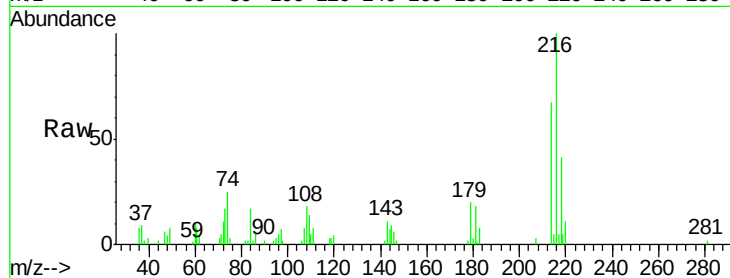




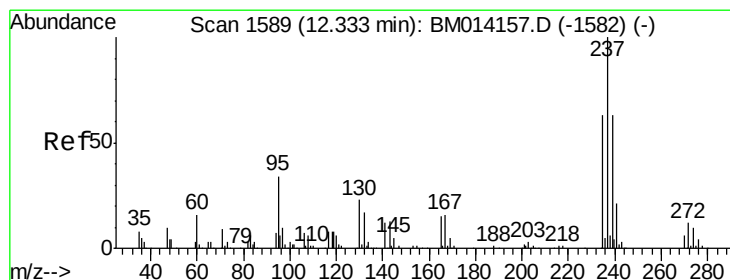
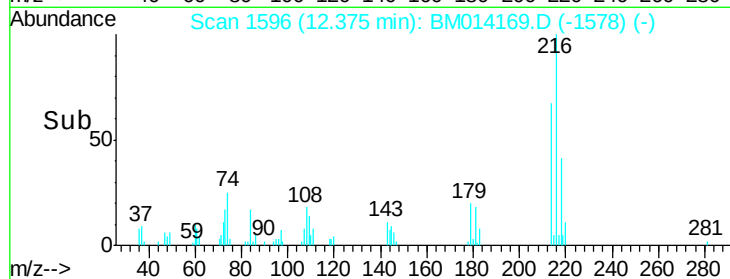
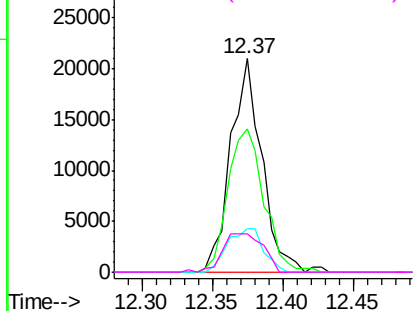
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.34 ng
 RT: 12.37 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216 Resp: 32483
 Ion Ratio Lower Upper
 216 100
 214 77.4 0.0 0.0#
 179 23.5 0.0 0.0#
 108 23.8 0.0 0.0#

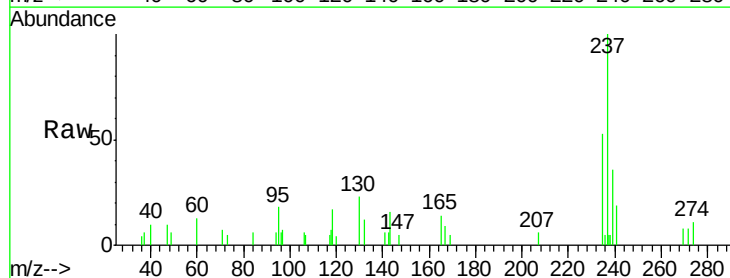


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

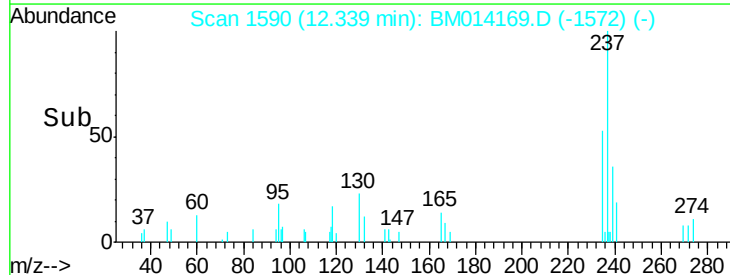
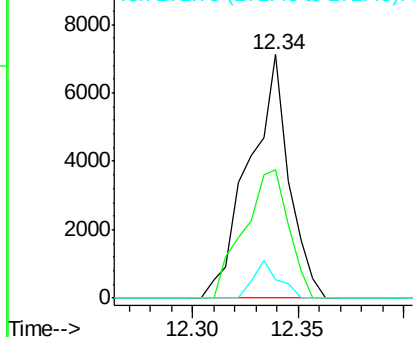


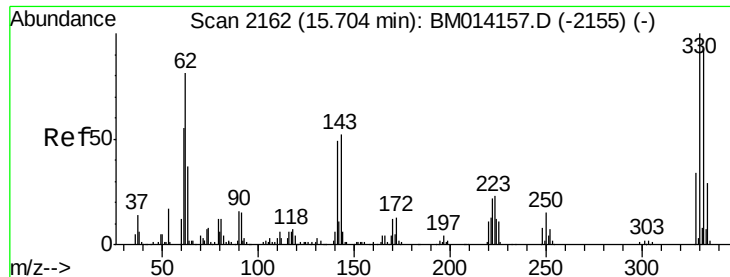
#40
 Hexachlorocyclopentadiene
 Concen: 8.13 ng
 RT: 12.34 min Scan# 1590
 Delta R.T. 0.01 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Tgt Ion:237 Resp: 9326
 Ion Ratio Lower Upper
 237 100
 235 58.1 42.0 82.0
 272 7.8 0.0 33.4



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

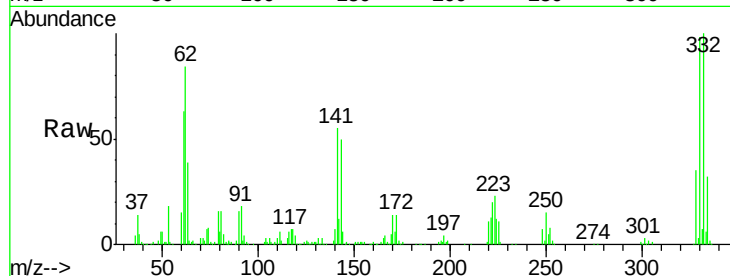




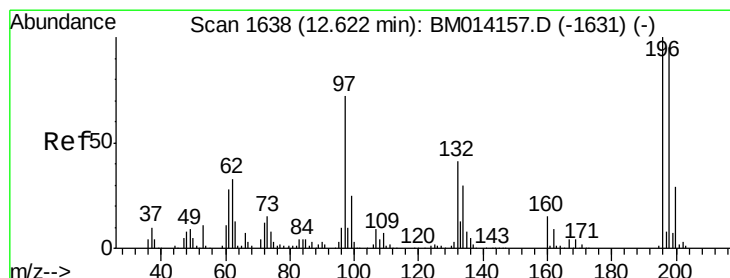
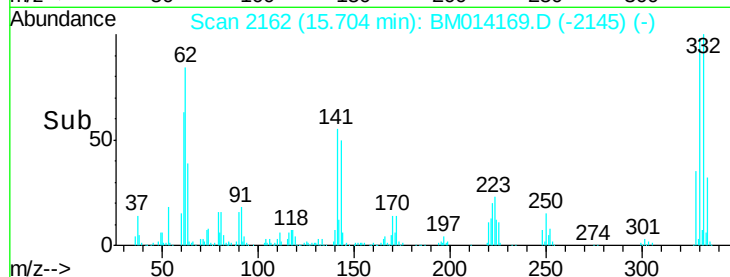
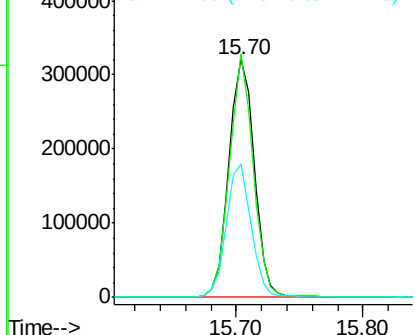
#41
 2,4,6-Tribromophenol
 Concen: 146.89 ng
 RT: 15.70 min Scan# 2162
 Delta R.T. -0.00 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Instrument :
 BNA_M
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	54.5	0.0	0.0#

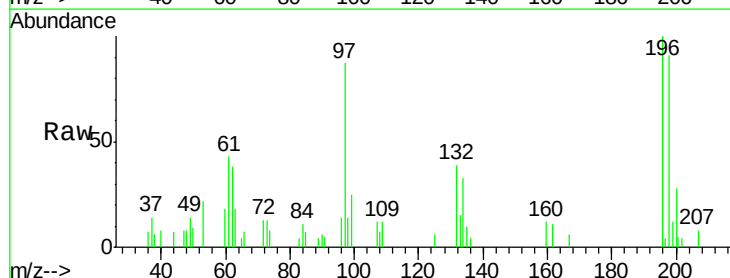


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

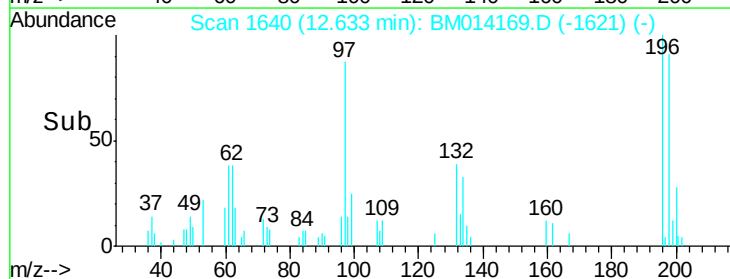
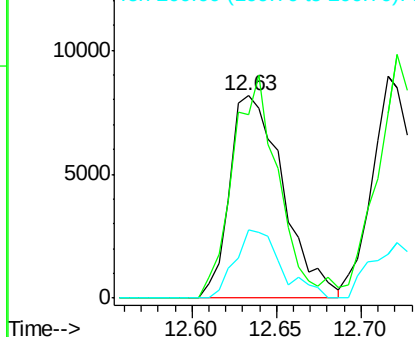


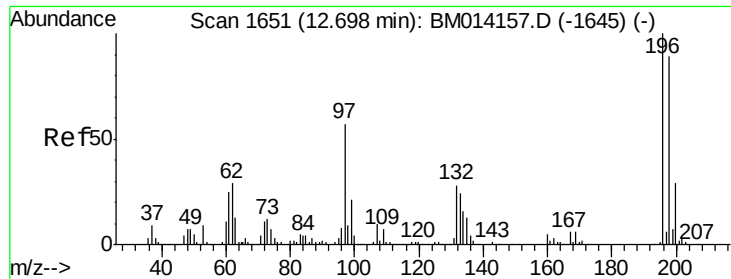
#42
 2,4,6-Trichlorophenol
 Concen: 4.07 ng
 RT: 12.63 min Scan# 1640
 Delta R.T. 0.01 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Tgt Ion	Ratio	Lower	Upper
196	100		
198	90.8	76.3	114.5
200	33.5	25.6	38.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

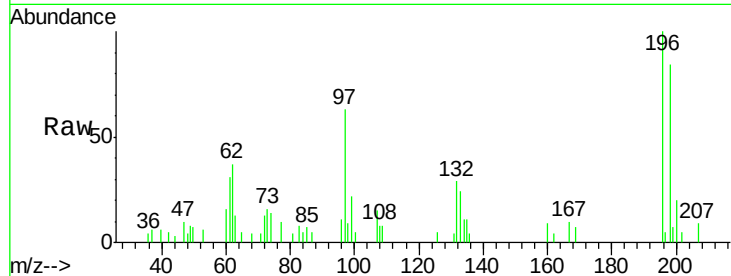




#43
 2,4,5-Trichlorophenol
 Concen: 3.79 ng
 RT: 12.72 min Scan# 1654
 Delta R.T. 0.02 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	196	Resp	18404
Ion Ratio	100	Lower	Upper
196	100		
198	79.6	79.4	119.0
97	60.5	26.8	40.2
132	27.6	18.6	28.0



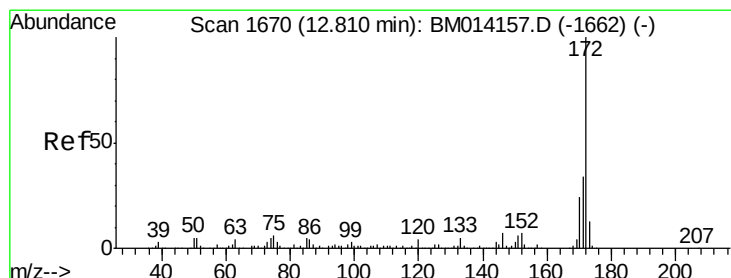
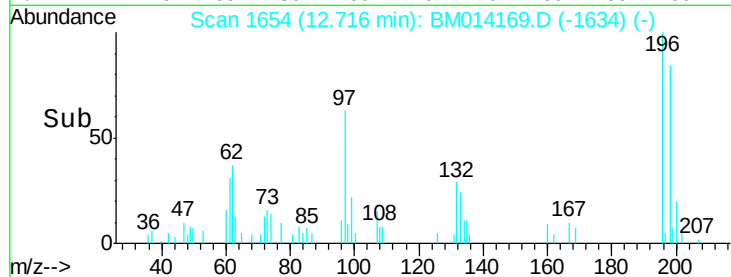
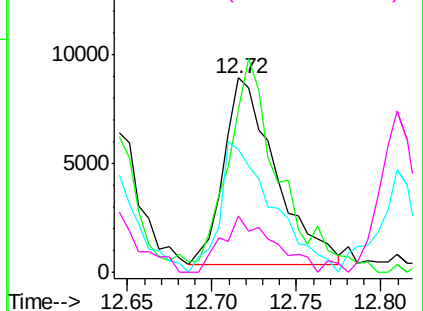
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

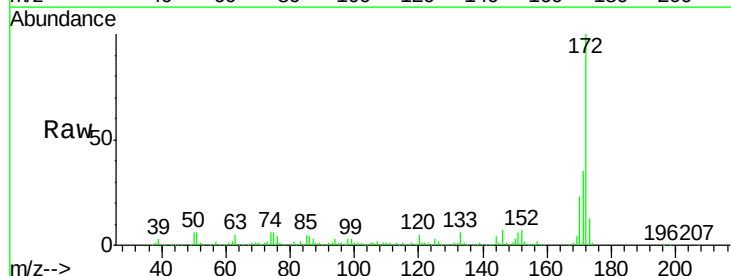
Ion 97.00 (96.70 to 97.70): B

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 92.53 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Tgt Ion	172	Resp	1584485
Ion Ratio	100	Lower	Upper
172	100		
171	35.1	28.5	42.7
170	23.5	18.8	28.2

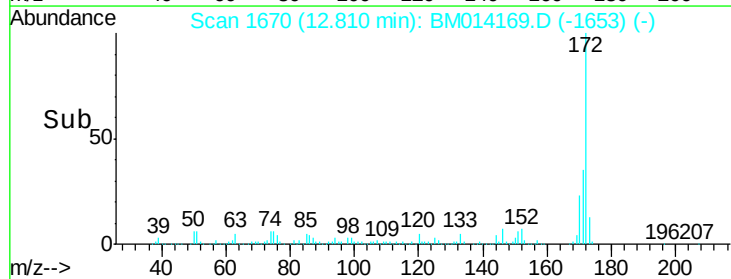
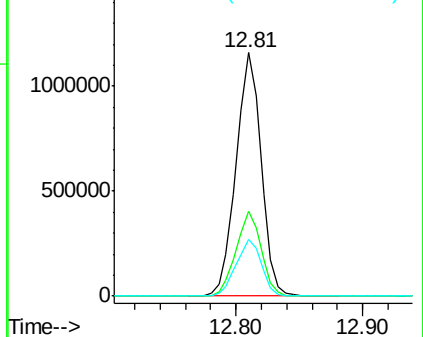


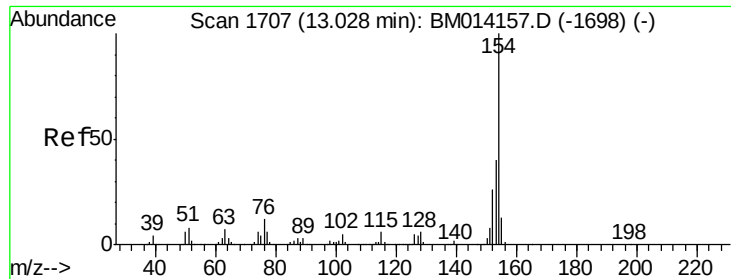
Abundance

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

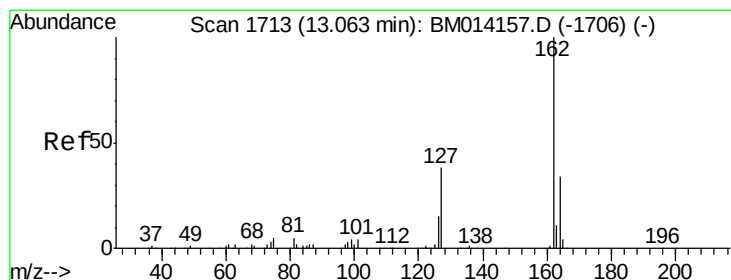
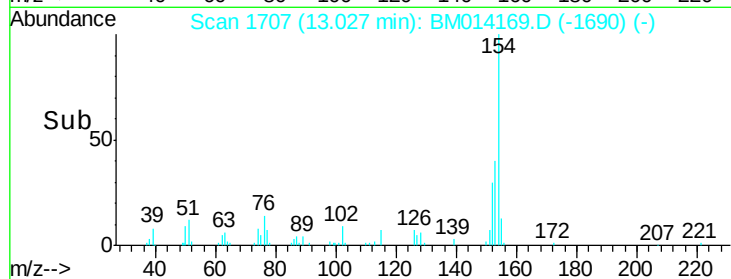
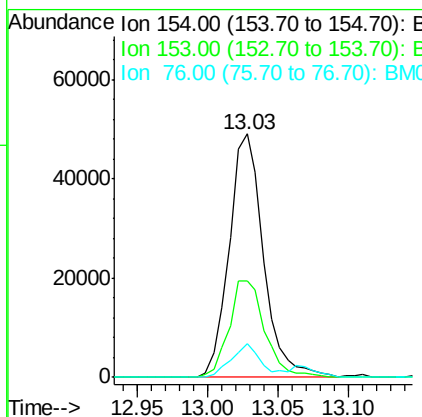
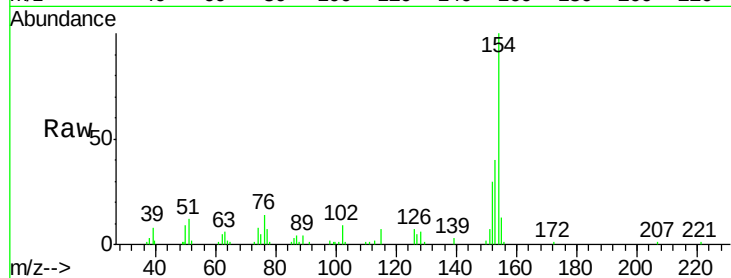




#45
 1,1'-Biphenyl
 Concen: 4.48 ng
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

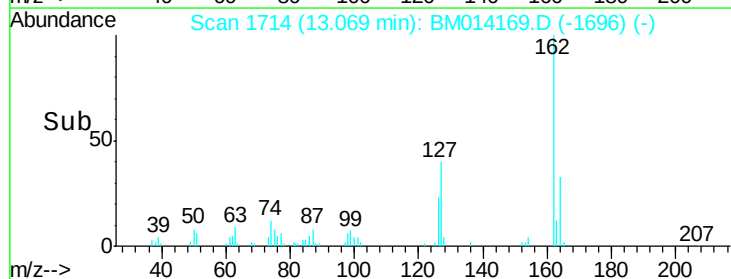
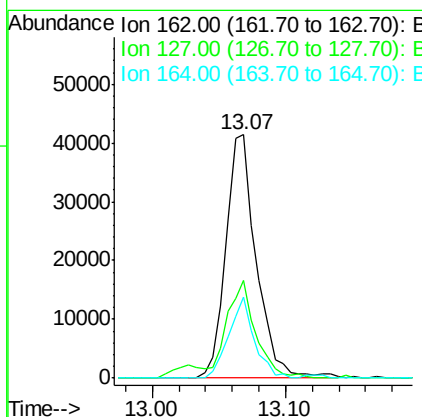
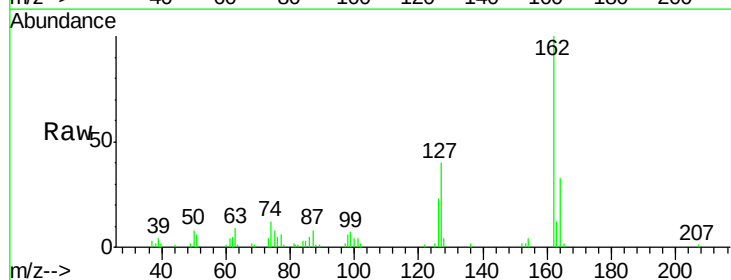
Instrument :
 BNA_M
 ClientSampleId :

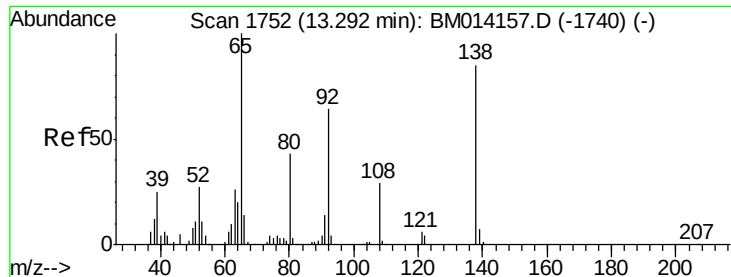
Tot Ion	Ratio	Lower	Upper
154	100		
153	39.8	20.7	60.7
76	13.9	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 4.73 ng
 RT: 13.07 min Scan# 1714
 Delta R.T. 0.01 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.1	26.9	40.3
164	33.4	26.8	40.2

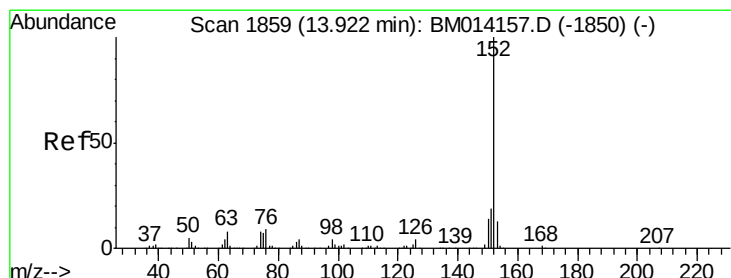
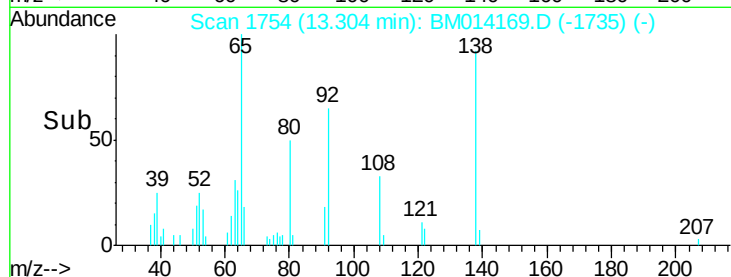
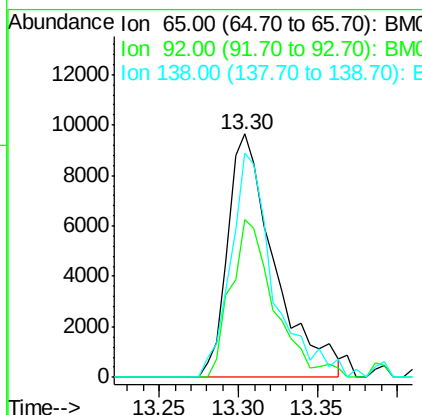
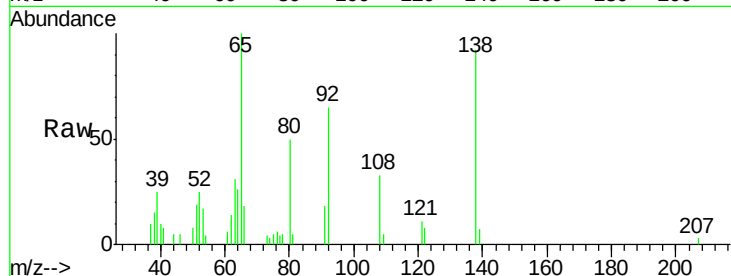




#47
2-Nitroaniline
Concen: 3.83 ng
RT: 13.30 min Scan# 1754
Delta R.T. 0.01 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

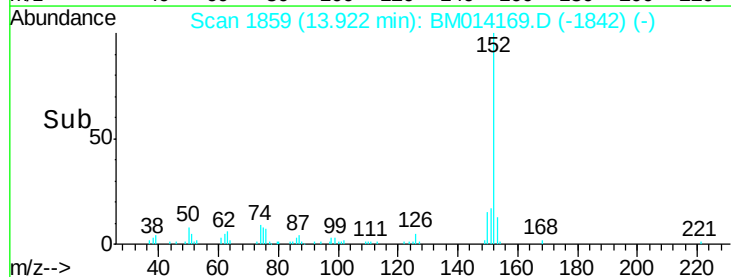
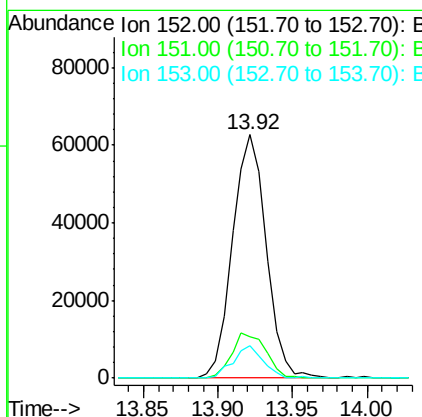
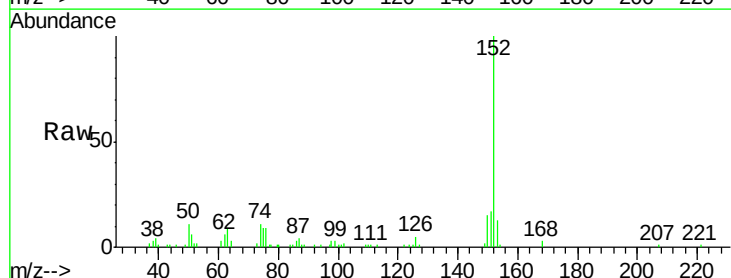
Instrument :
BNA_M
ClientSampleId :

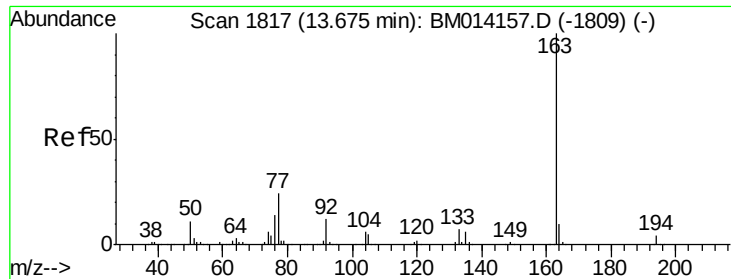
Tot Ion: 65 Resp: 19790
Ion Ratio Lower Upper
65 100
92 64.7 59.1 88.7
138 92.4 93.9 140.9#



#48
Acenaphthylene
Concen: 4.28 ng
RT: 13.92 min Scan# 1859
Delta R.T. -0.00 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Tgt Ion: 152 Resp: 98739
Ion Ratio Lower Upper
152 100
151 17.2 15.9 23.9
153 13.3 10.6 16.0





#49

Dimethylphthalate

Concen: 4.57 ng

RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampleId :

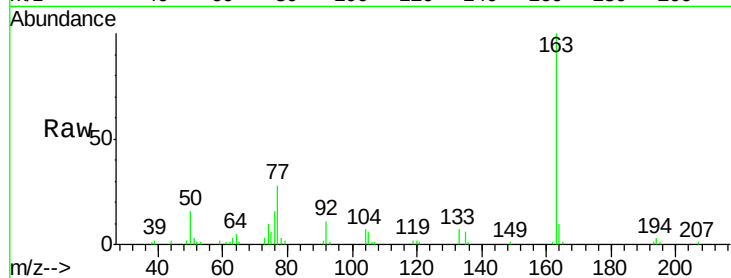
Tot Ion:163 Resp: 87420

Ion Ratio Lower Upper

163 100

194 2.6 2.7 4.1#

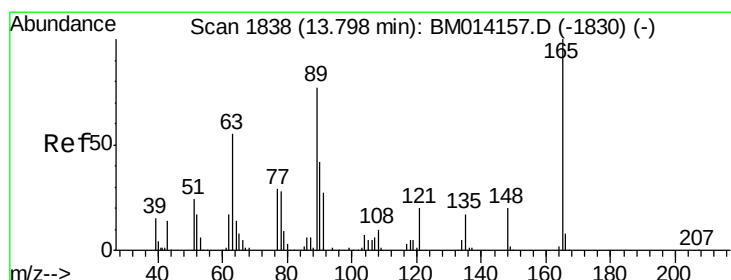
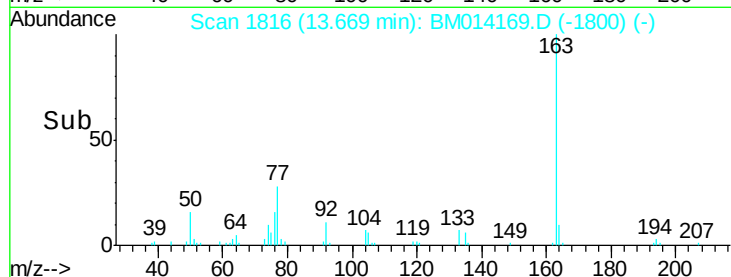
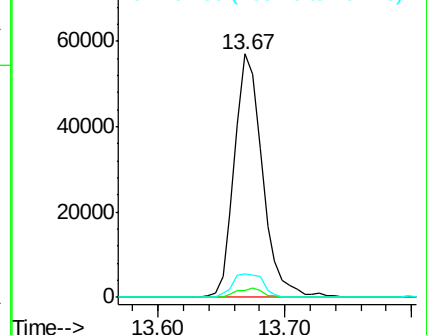
164 9.6 8.2 12.2



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



#50

2,6-Dinitrotoluene

Concen: 4.50 ng

RT: 13.80 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

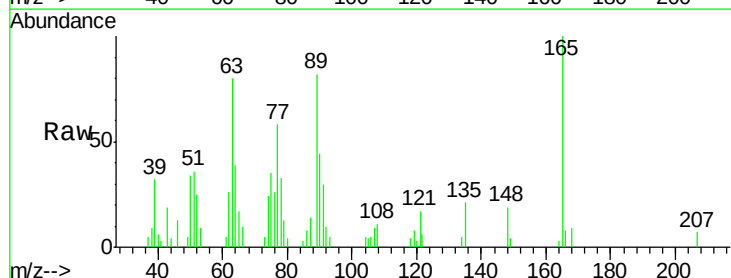
Tgt Ion:165 Resp: 17667

Ion Ratio Lower Upper

165 100

63 79.7 44.1 66.1#

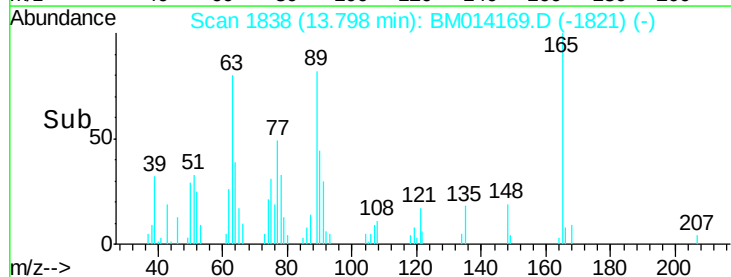
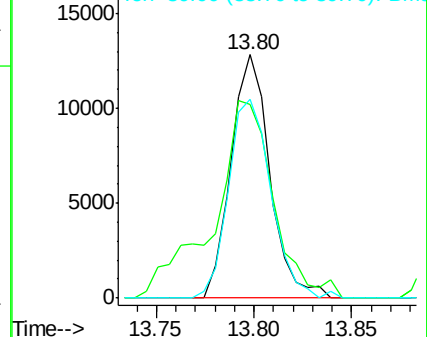
89 81.7 44.3 66.5#

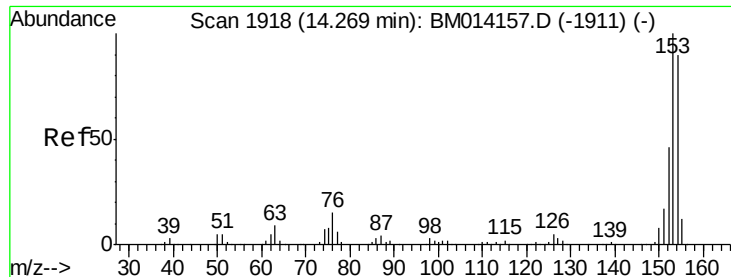


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 4.46 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampleId :

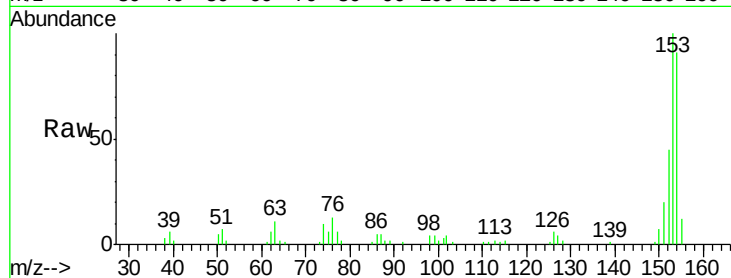
Tot Ion:154 Resp: 63356

Ion Ratio Lower Upper

154 100

153 110.0 90.0 135.0

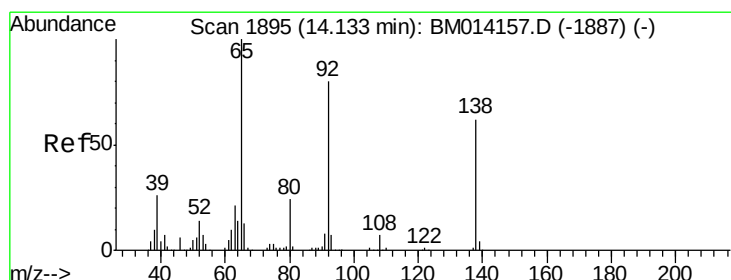
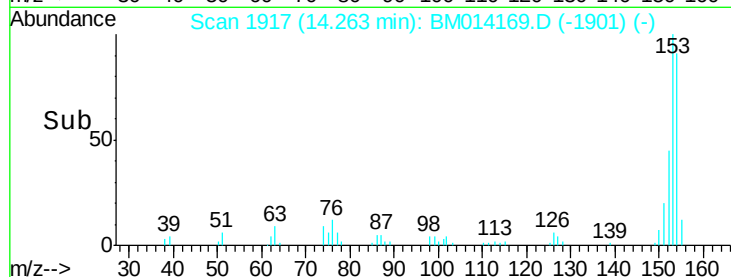
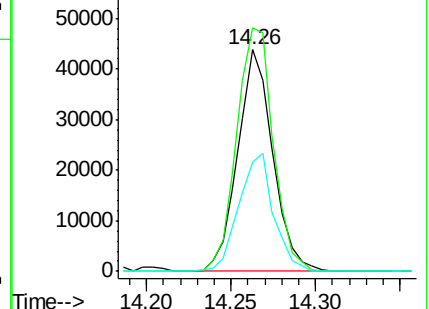
152 49.6 42.6 63.8



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



#52

3-Nitroaniline

Concen: 3.50 ng

RT: 14.15 min Scan# 1898

Delta R.T. 0.02 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

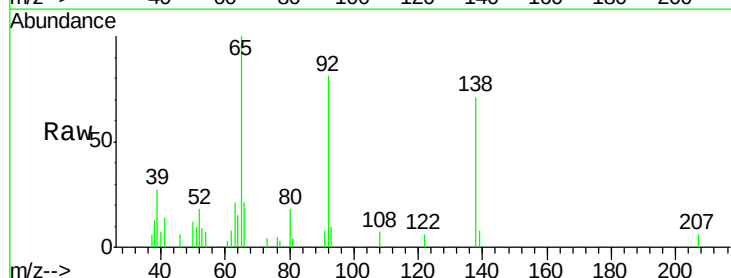
Tgt Ion:138 Resp: 14200

Ion Ratio Lower Upper

138 100

108 9.6 7.3 10.9

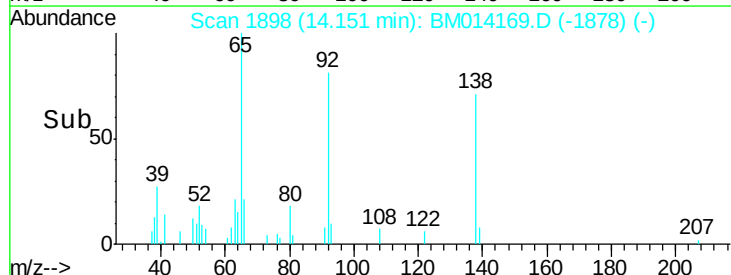
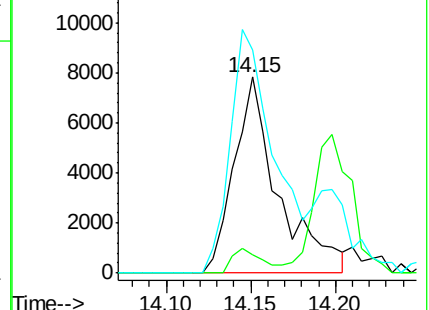
92 114.0 76.6 114.8

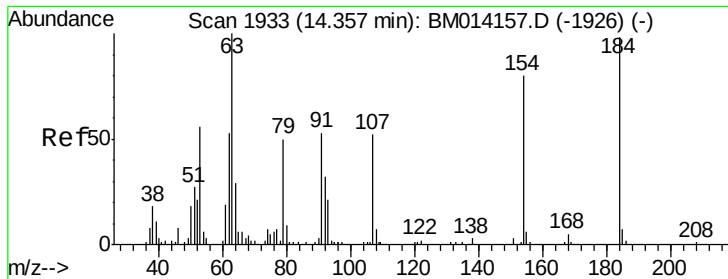


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BM





#53

2,4-Dinitrophenol

Concen: 8.34 ng

RT: 14.39 min Scan# 1938

Delta R.T. 0.03 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampled :

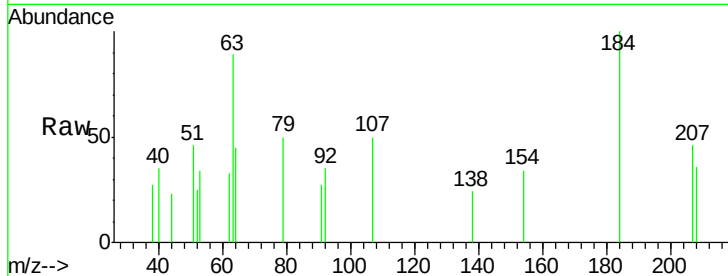
Tot Ion:184 Resp: 1655

Ion Ratio Lower Upper

184 100

63 89.2 69.2 103.8

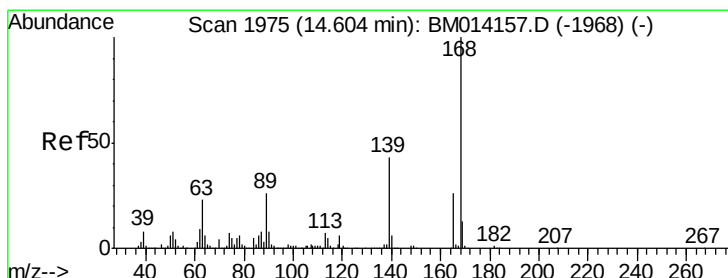
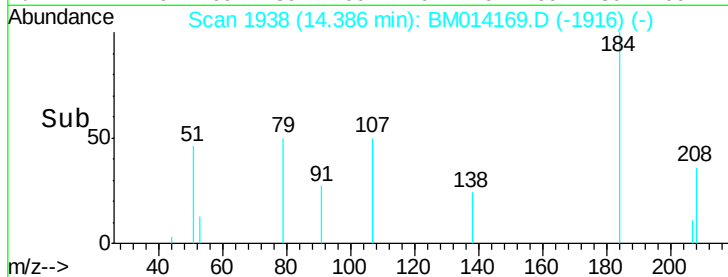
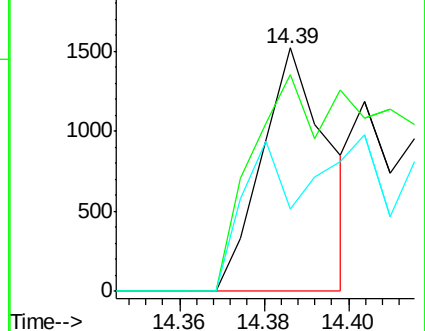
154 33.9 53.3 79.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 4.35 ng

RT: 14.60 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

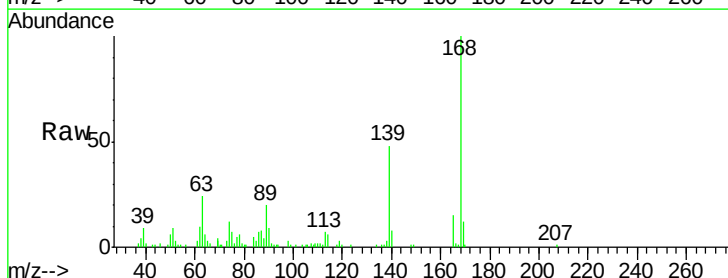
Tgt Ion:168 Resp: 96617

Ion Ratio Lower Upper

168 100

139 48.2 27.3 40.9#

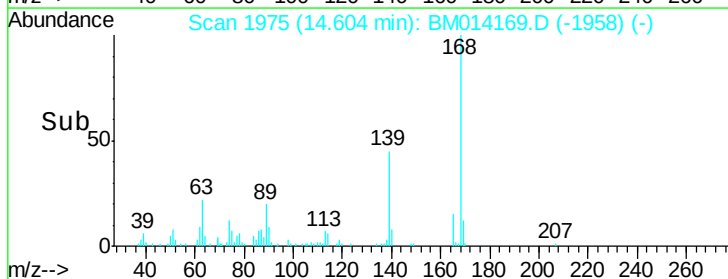
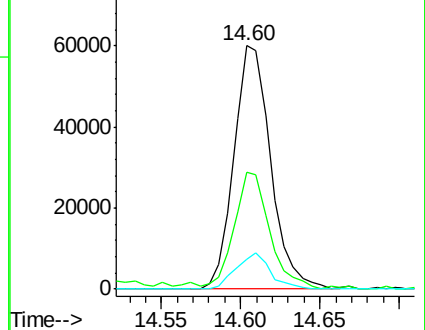
169 12.1 10.6 16.0

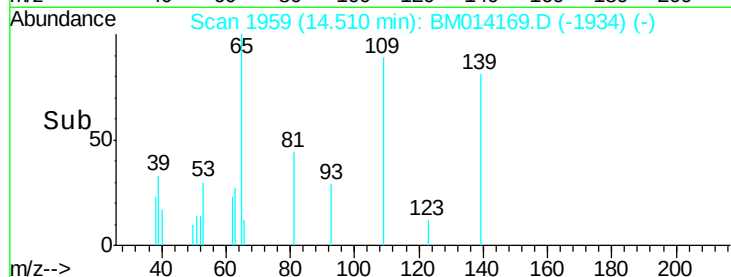
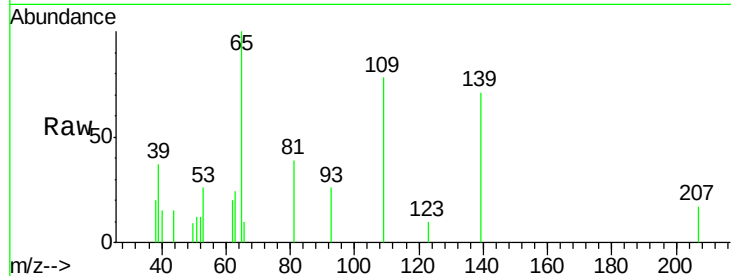
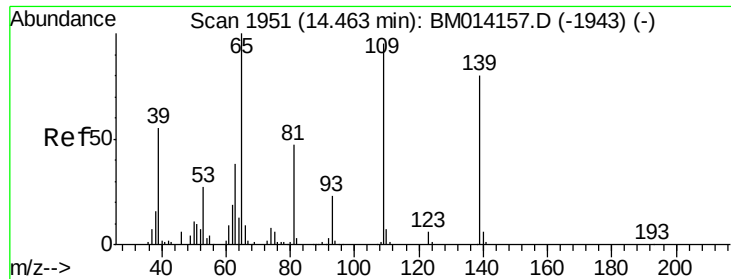


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 7.33 ng

RT: 14.51 min Scan# 1959

Delta R.T. 0.05 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampleId :

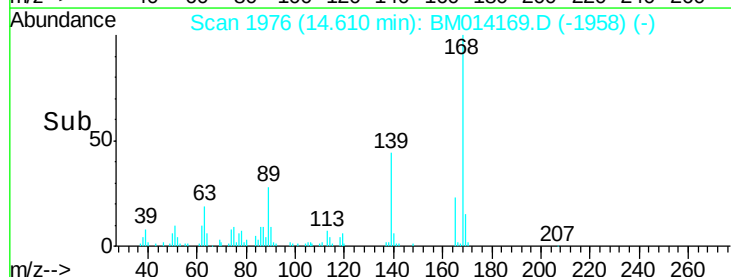
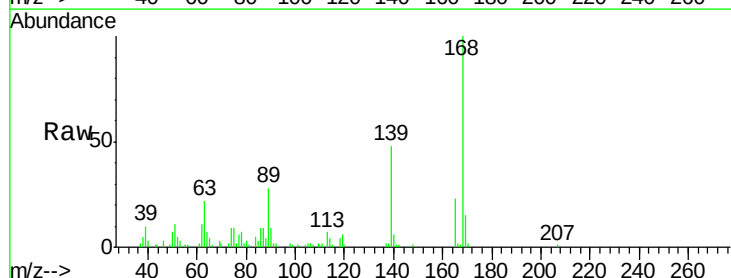
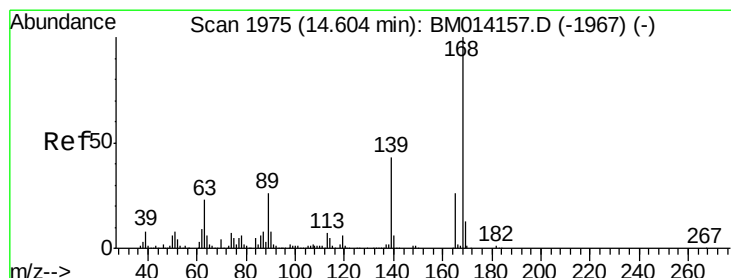
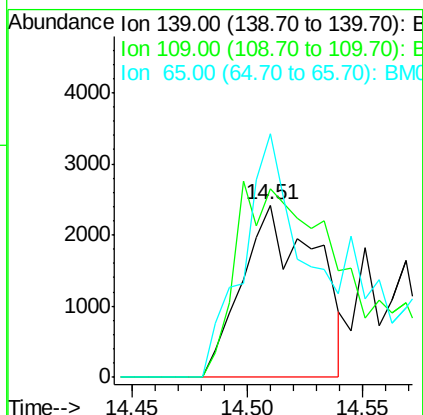
Tot Ion:139 Resp: 5332

Ion Ratio Lower Upper

139 100

109 109.9 130.0 170.0#

65 141.6 130.0 170.0



#56

2,4-Dinitrotoluene

Concen: 3.47 ng

RT: 14.61 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Tgt Ion:165 Resp: 21000

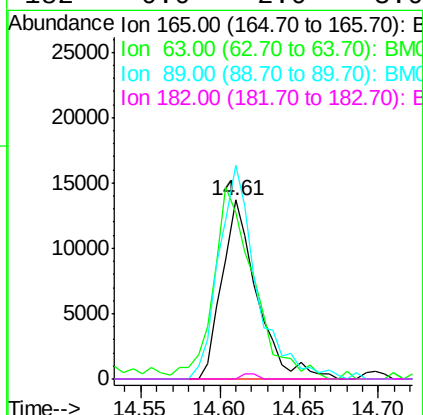
Ion Ratio Lower Upper

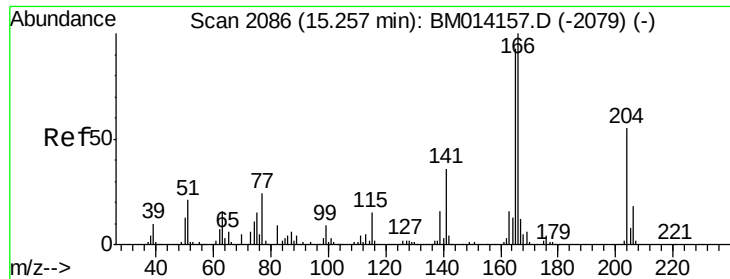
165 100

63 92.6 52.4 78.6#

89 119.3 72.4 108.6#

182 0.0 2.0 3.0#

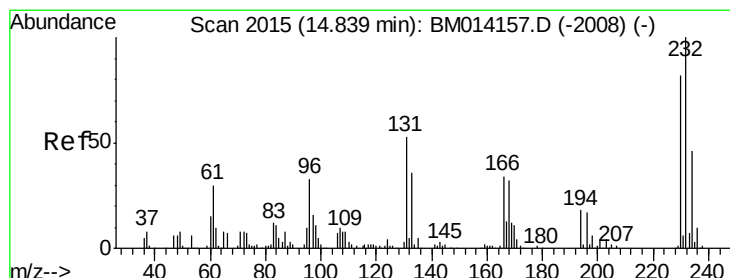
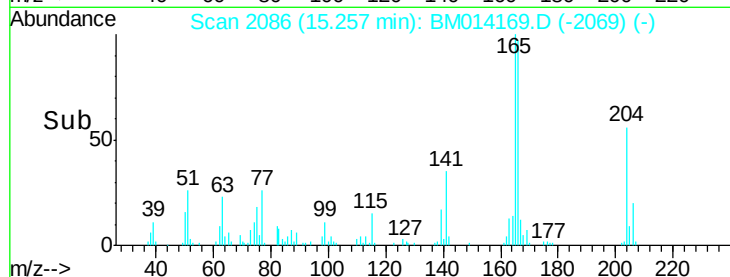
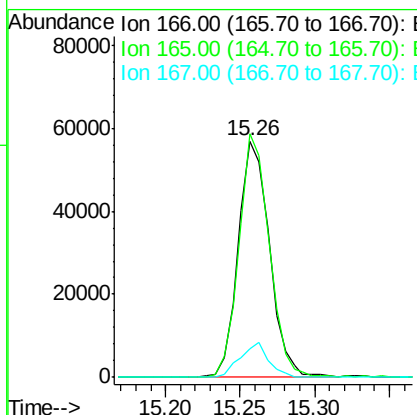
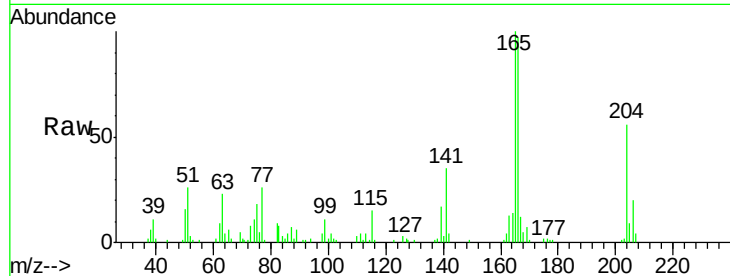




#57
 Fluorene
 Concen: 4.25 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

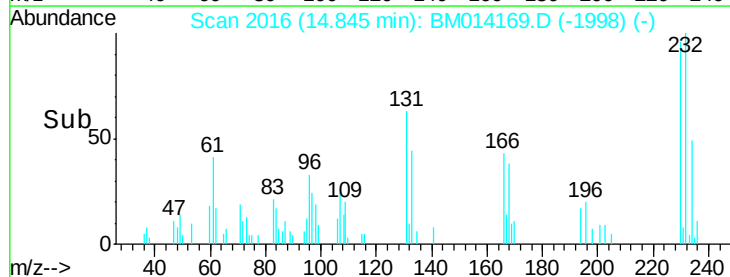
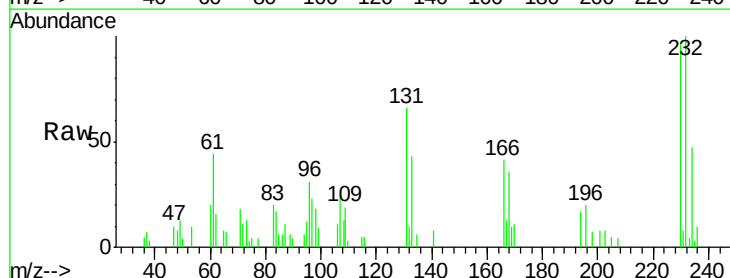
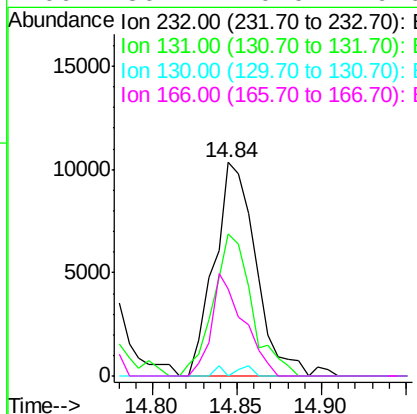
Instrument :
 BNA_M
 ClientSampleId :

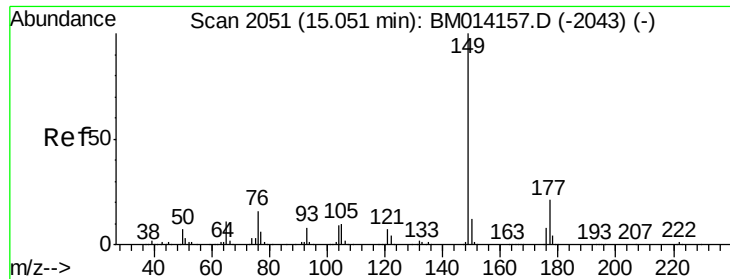
Tot Ion	Ratio	Lower	Upper
166	100		
165	103.1	79.0	118.4
167	12.3	10.3	15.5



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.73 ng
 RT: 14.84 min Scan# 2016
 Delta R.T. 0.01 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Tgt Ion	Ratio	Lower	Upper
232	100		
131	61.1	0.0	0.0#
130	1.0	0.0	0.0#
166	36.7	0.0	0.0#

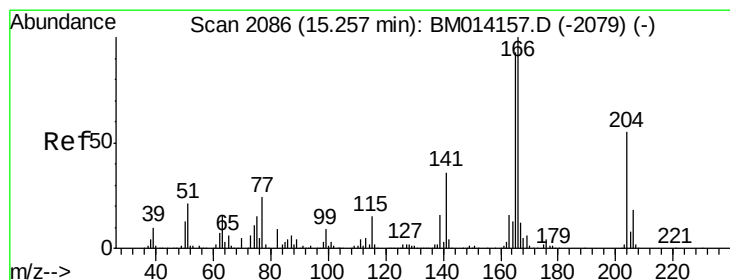
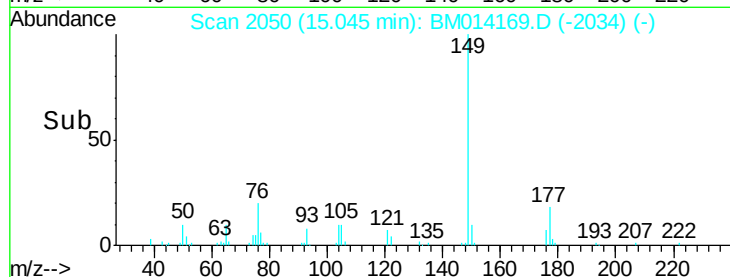
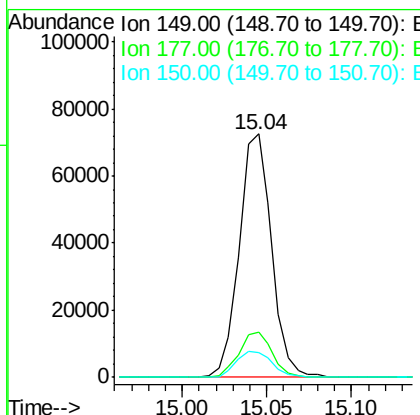
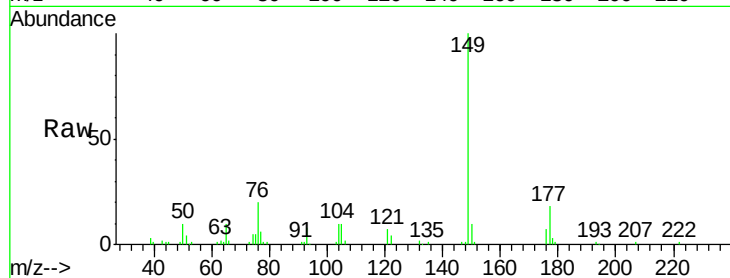




#59
Diethylphthalate
Concen: 4.54 ng
RT: 15.04 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

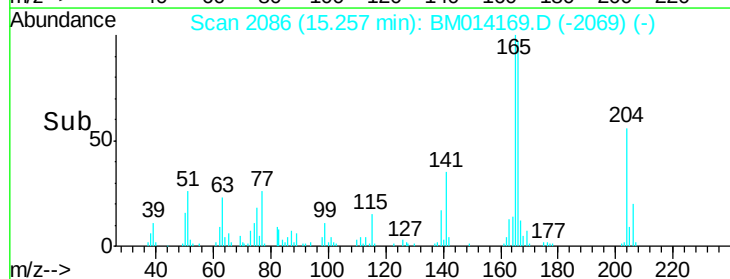
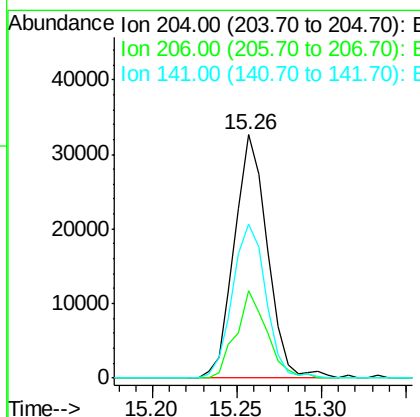
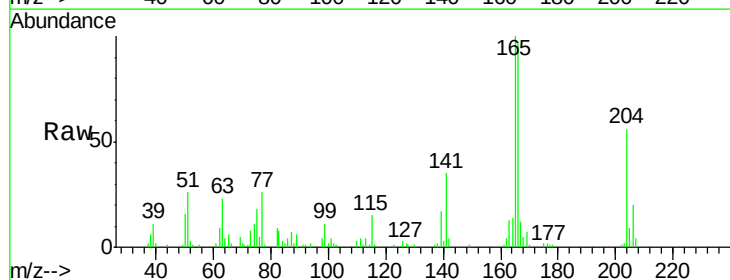
Instrument :
BNA_M
ClientSampleId :

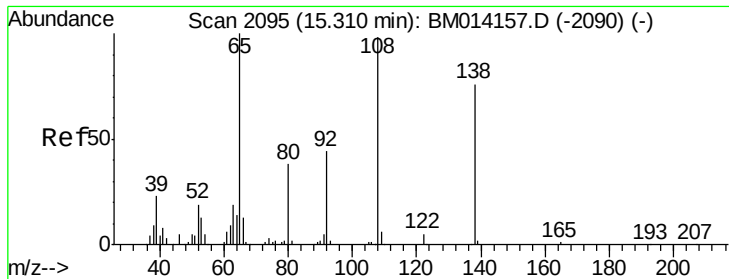
Tot Ion	Ratio	Lower	Upper
149	100		
177	18.4	18.3	27.5
150	10.4	9.8	14.8



#60
4-Chlorophenyl-phenylether
Concen: 4.39 ng
RT: 15.26 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Tgt Ion	Ratio	Lower	Upper
204	100		
206	36.1	26.6	39.8
141	63.4	45.2	67.8





#61

4-Nitroaniline

Concen: 2.93 ng

RT: 15.32 min Scan# 2096

Delta R.T. 0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampled :

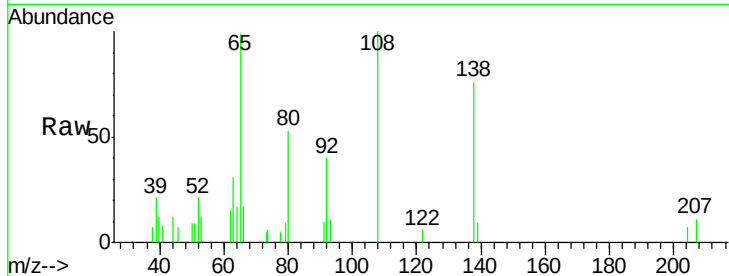
Tot Ion:138 Resp: 11921

Ion Ratio Lower Upper

138 100

92 52.3 16.7 56.7

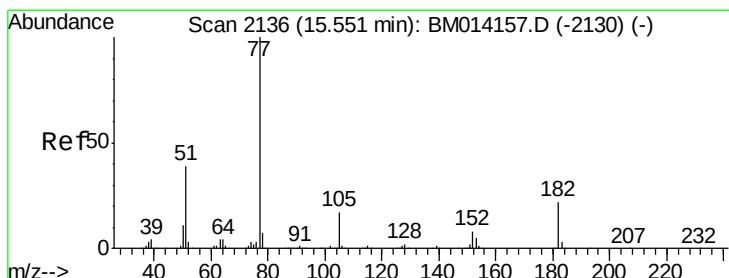
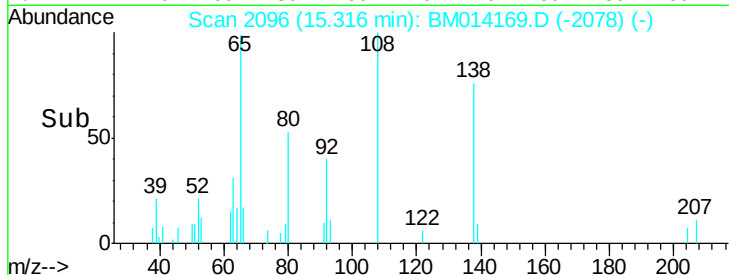
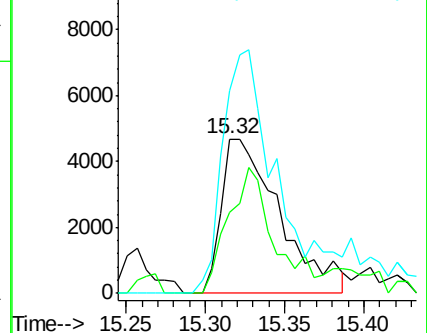
108 131.1 37.6 77.6#



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



#62

Azobenzene

Concen: 4.56 ng

RT: 15.55 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Tgt Ion: 77 Resp: 100550

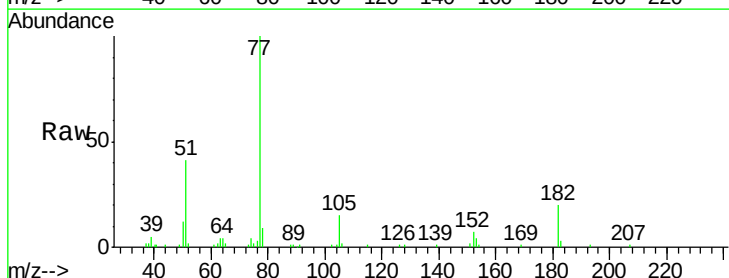
Ion Ratio Lower Upper

77 100

182 20.5 6.5 46.5

105 15.3 3.8 43.8

51 41.4 5.5 45.5

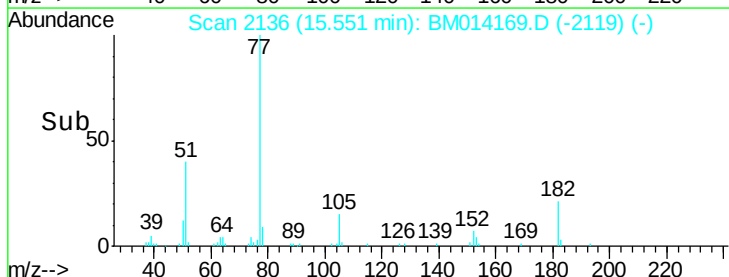
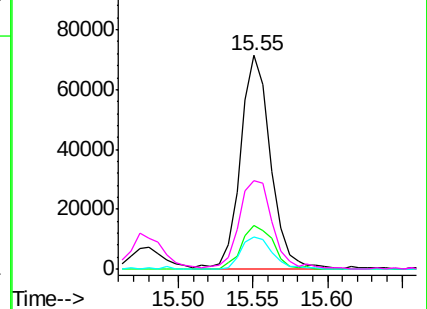


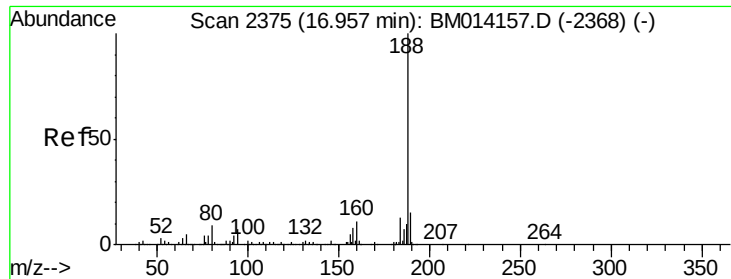
Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2375

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampled :

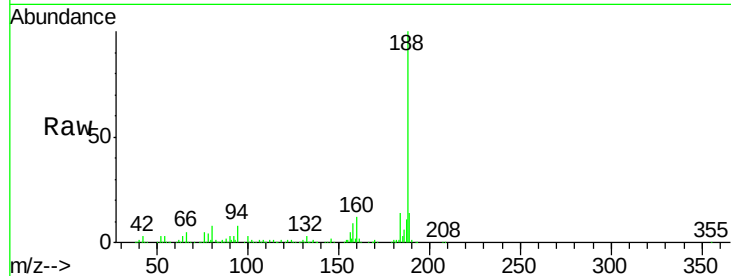
Tot Ion:188 Resp: 563578

Ion Ratio Lower Upper

188 100

94 8.0 8.7 13.1#

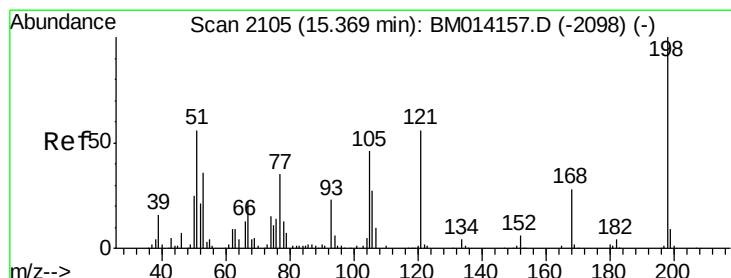
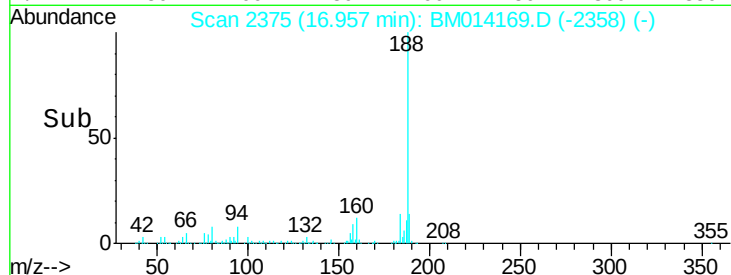
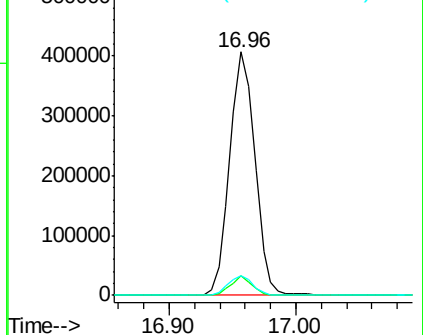
80 8.1 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0



#64

4,6-Dinitro-2-methylphenol

Concen: 7.66 ng

RT: 15.39 min Scan# 2109

Delta R.T. 0.02 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

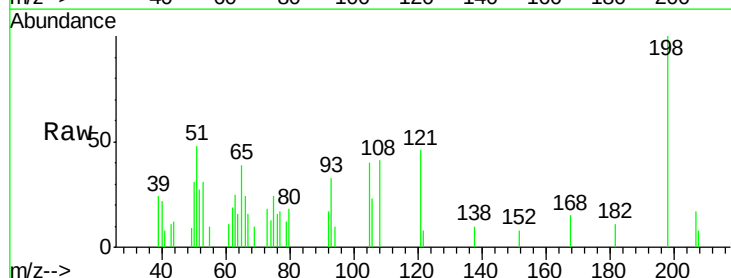
Tgt Ion:198 Resp: 9141

Ion Ratio Lower Upper

198 100

51 48.1 28.8 68.8

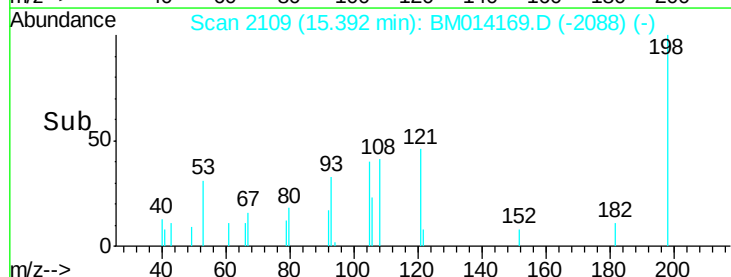
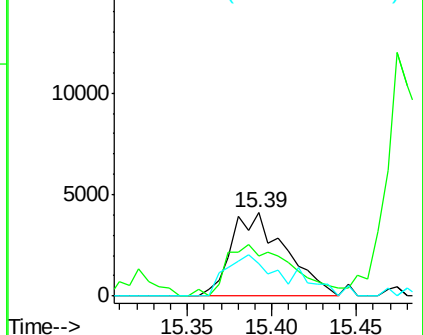
105 39.7 30.5 70.5

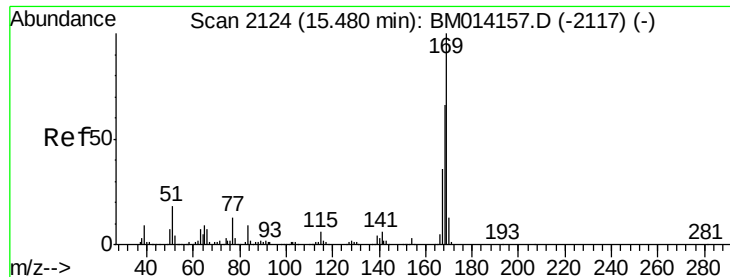


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BM0

Ion 105.00 (104.70 to 105.70): E

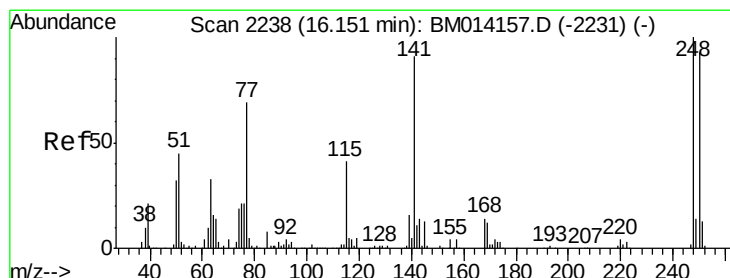
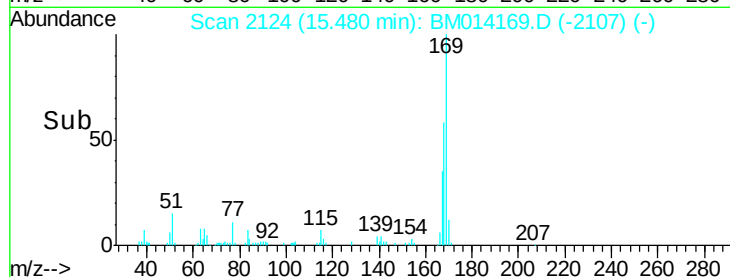
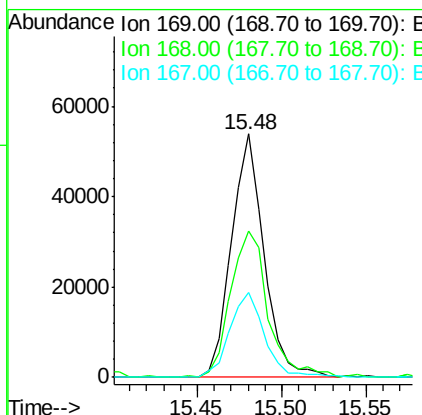
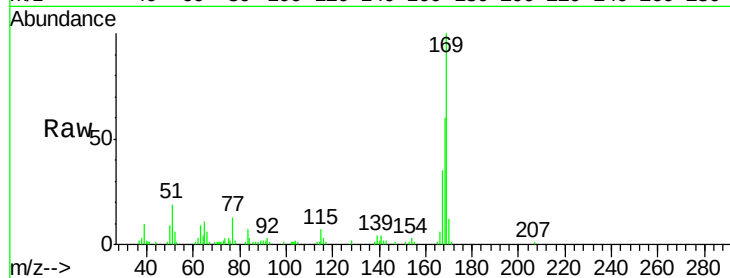




#65
n-Nitrosodiphenylamine
Concen: 4.06 ng
RT: 15.48 min Scan# 2124
Delta R.T. -0.00 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

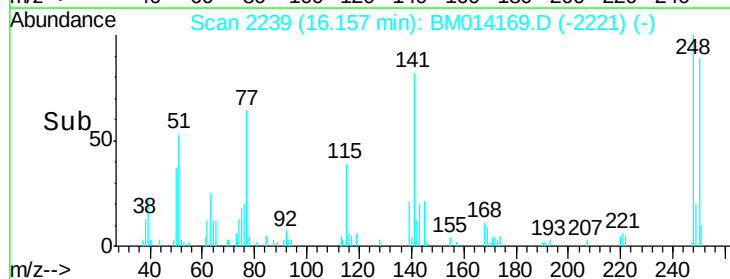
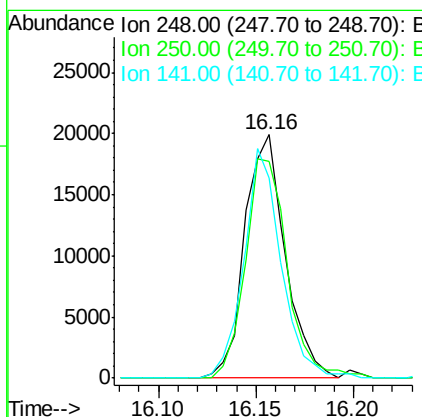
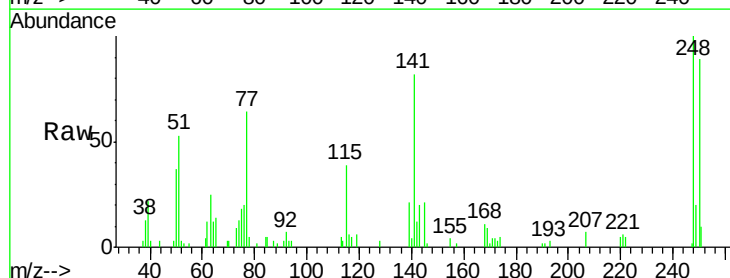
Instrument :
BNA_M
ClientSampleId :

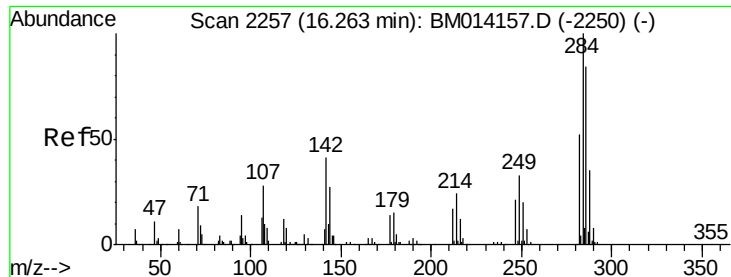
Tot Ion:169 Resp: 72297
Ion Ratio Lower Upper
169 100
168 60.1 53.9 80.9
167 34.9 28.9 43.3



#66
4-Bromophenyl-phenylether
Concen: 4.33 ng
RT: 16.16 min Scan# 2239
Delta R.T. 0.01 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Tgt Ion:248 Resp: 28603
Ion Ratio Lower Upper
248 100
250 89.0 77.4 116.0
141 82.4 45.2 67.8#





#67

Hexachlorobenzene

Concen: 4.56 ng

RT: 16.26 min Scan# 2257

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampleId :

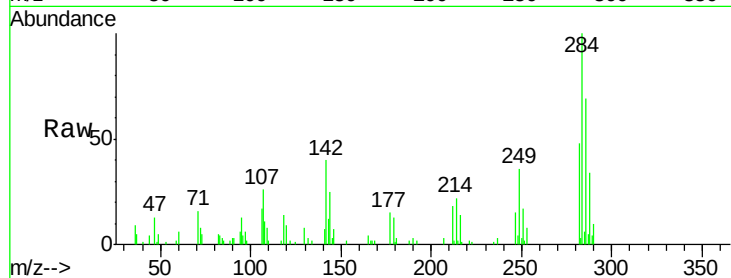
Tot Ion:284 Resp: 33097

Ion Ratio Lower Upper

284 100

142 40.2 20.4 30.6#

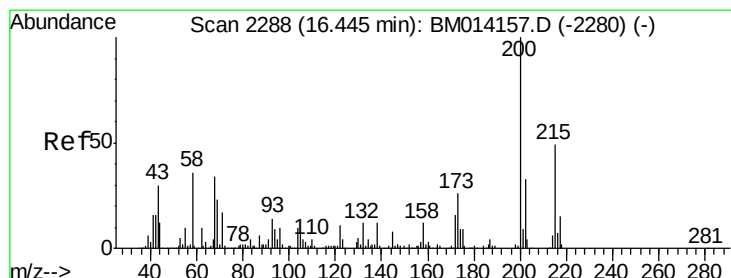
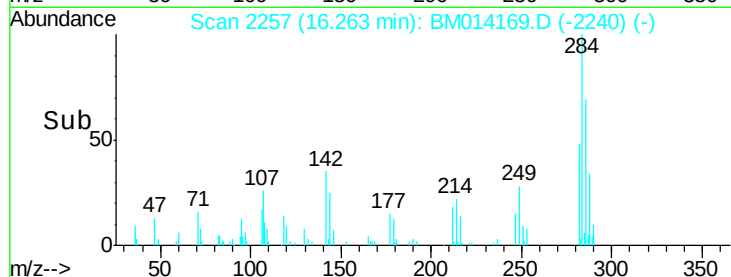
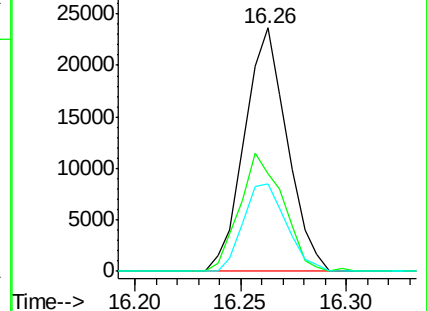
249 35.8 23.8 35.6#



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 3.05 ng

RT: 16.44 min Scan# 2287

Delta R.T. -0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

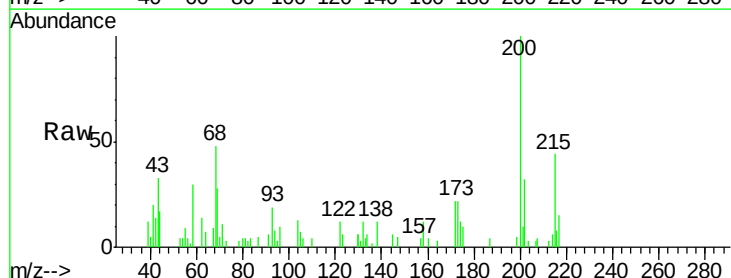
Tgt Ion:200 Resp: 20361

Ion Ratio Lower Upper

200 100

173 21.8 4.8 44.8

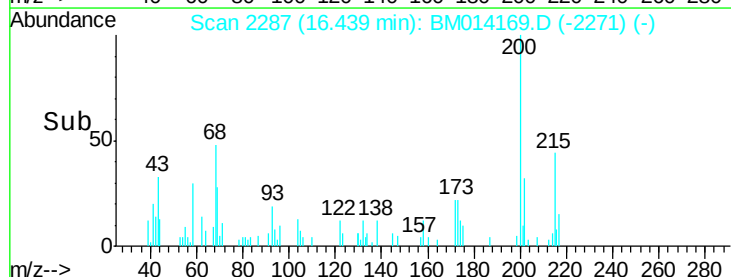
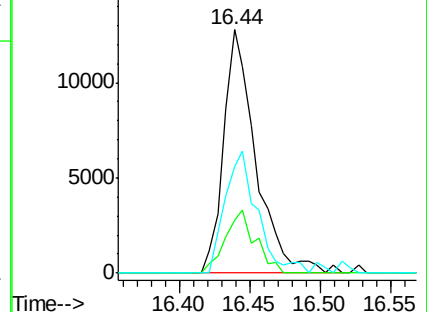
215 43.8 26.9 66.9

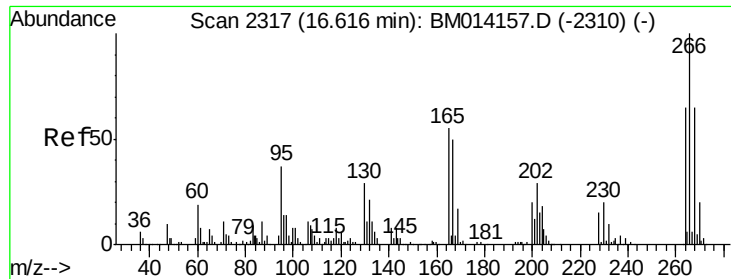


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

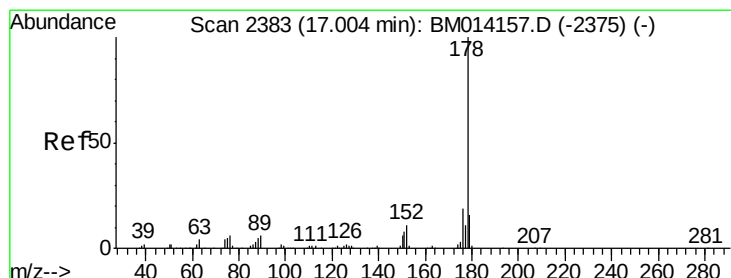
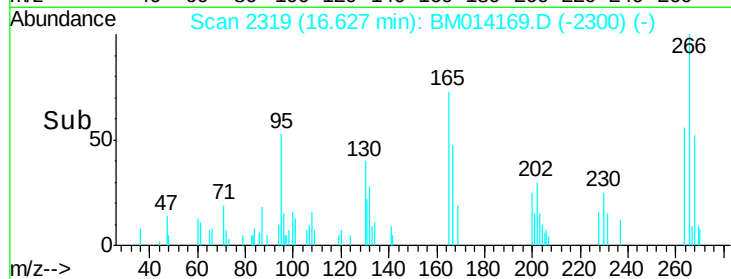
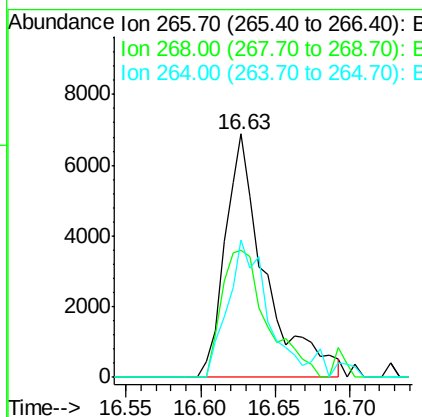
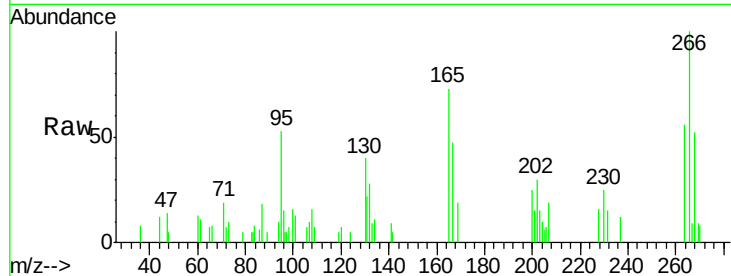




#69
 Pentachlorophenol
 Concen: 8.35 ng
 RT: 16.63 min Scan# 2319
 Delta R.T. 0.01 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

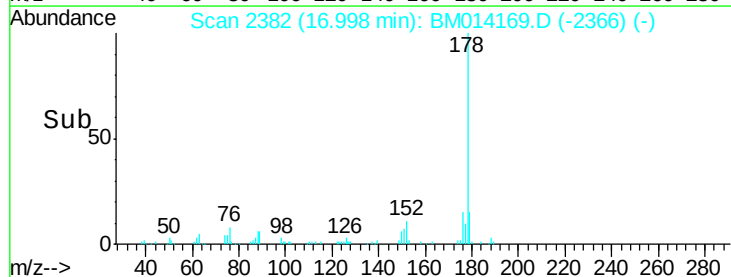
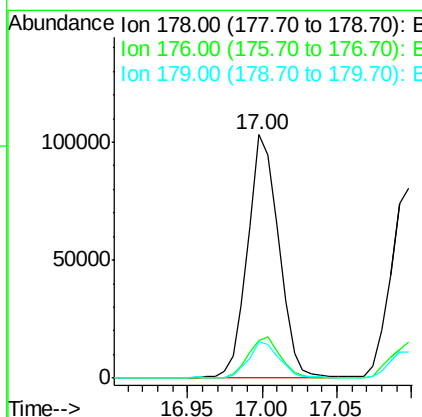
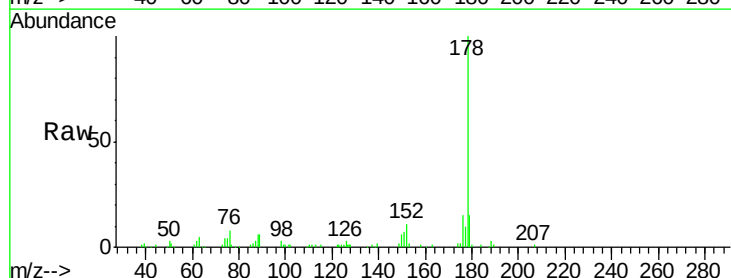
Instrument :
 BNA_M
 ClientSampled :

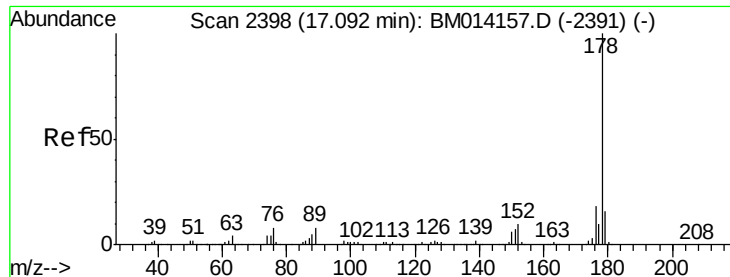
Tot Ion:266 Resp: 12963
 Ion Ratio Lower Upper
 266 100
 268 52.1 52.0 78.0
 264 56.5 49.0 73.4



#70
 Phenanthrene
 Concen: 4.38 ng
 RT: 17.00 min Scan# 2382
 Delta R.T. -0.01 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Tgt Ion:178 Resp: 148862
 Ion Ratio Lower Upper
 178 100
 176 15.4 15.2 22.8
 179 14.8 12.1 18.1

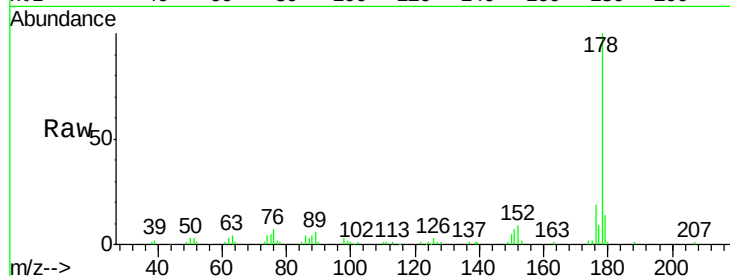




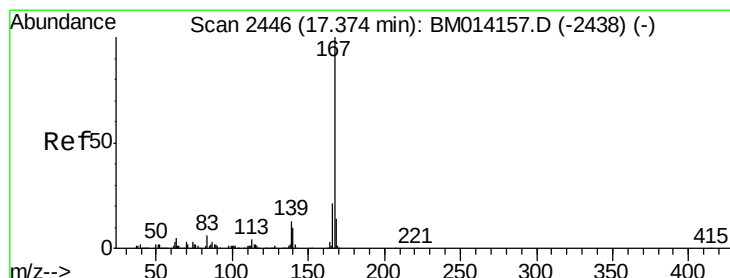
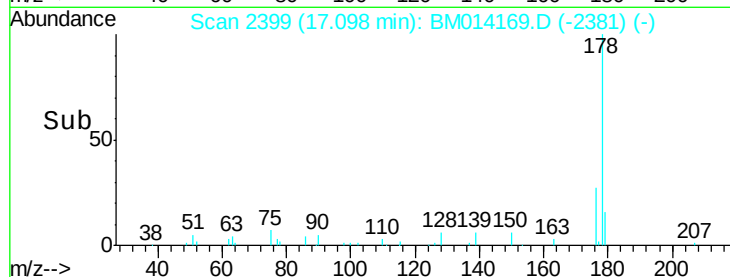
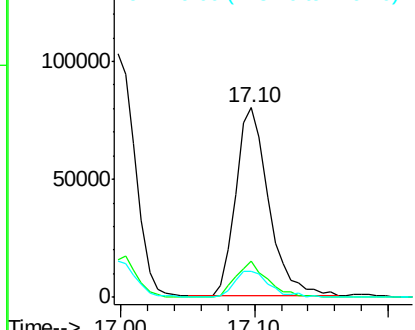
#71
 Anthracene
 Concen: 4.12 ng
 RT: 17.10 min Scan# 2399
 Delta R.T. 0.01 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:178 Resp: 136390
 Ion Ratio Lower Upper
 178 100
 176 18.9 14.6 22.0
 179 13.8 12.6 19.0

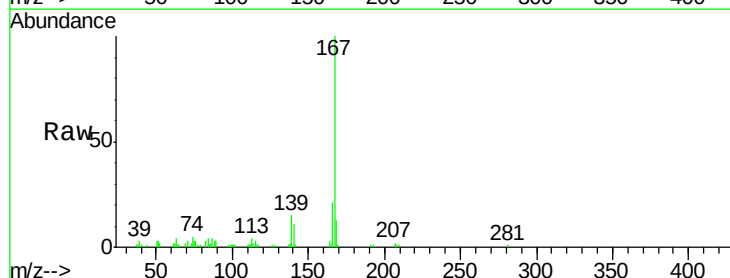


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

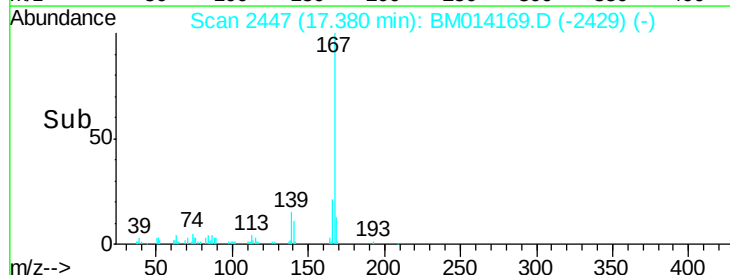
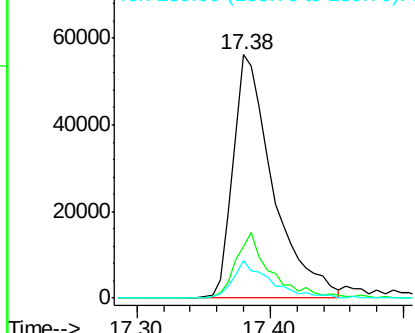


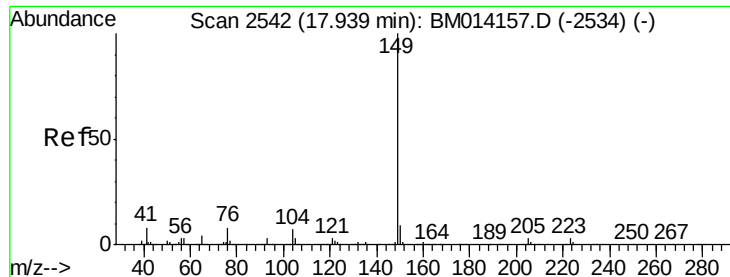
#72
 Carbazole
 Concen: 3.75 ng
 RT: 17.38 min Scan# 2447
 Delta R.T. 0.01 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Tgt Ion:167 Resp: 116848
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 15.4 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 3.94 ng

RT: 17.94 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BM014169.D

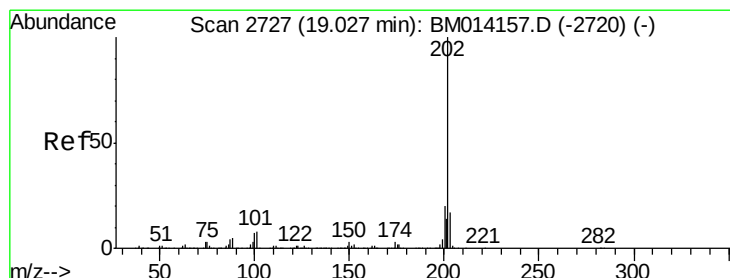
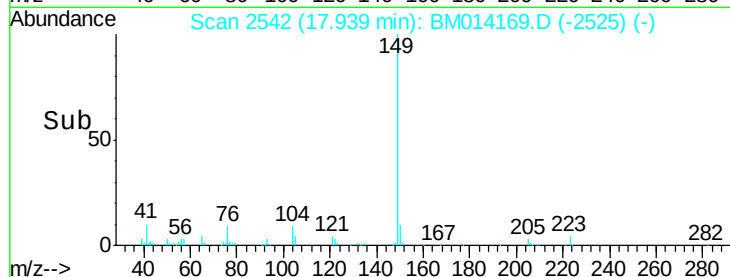
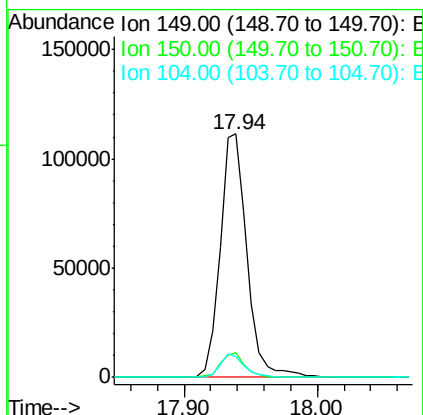
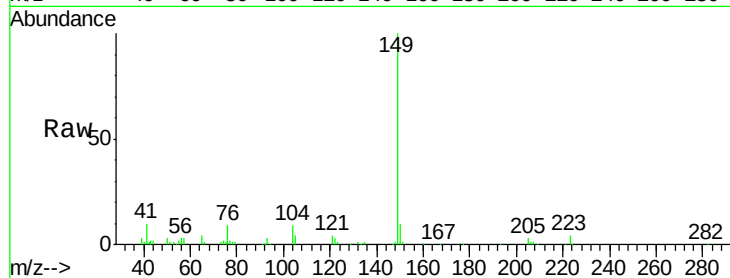
Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampled :

Tot Ion:	149	Resp:	156961
Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.5	11.3
104	8.6	3.7	5.5#



#74

Fluoranthene

Concen: 4.33 ng

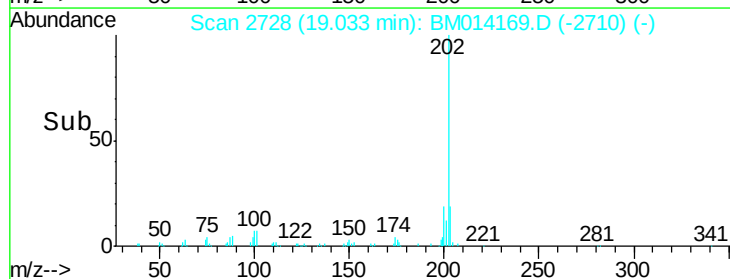
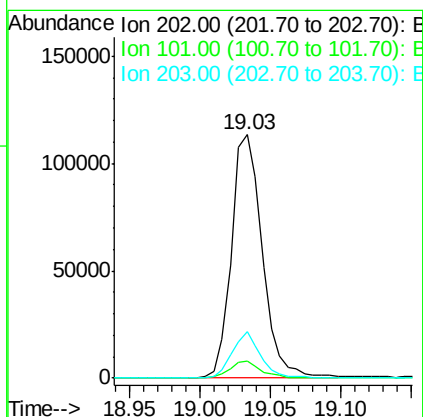
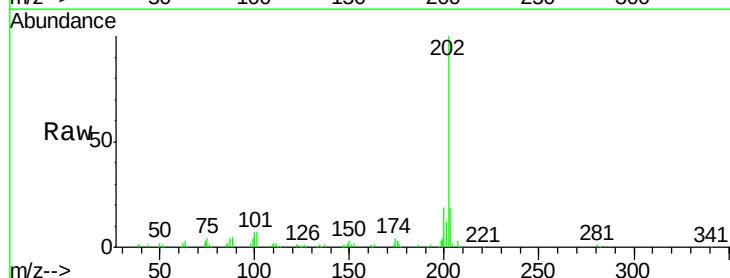
RT: 19.03 min Scan# 2728

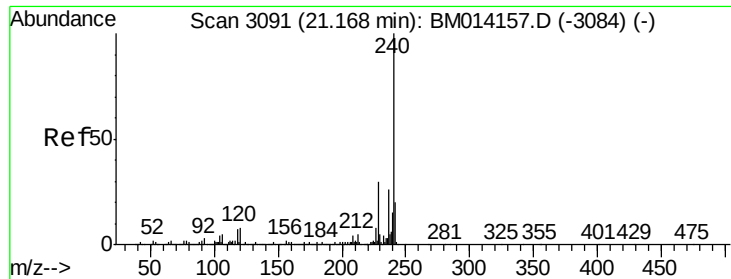
Delta R.T. 0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Tgt Ion:	202	Resp:	173131
Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	28.7
203	19.0	0.0	37.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.17 min Scan# 3091

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampleId :

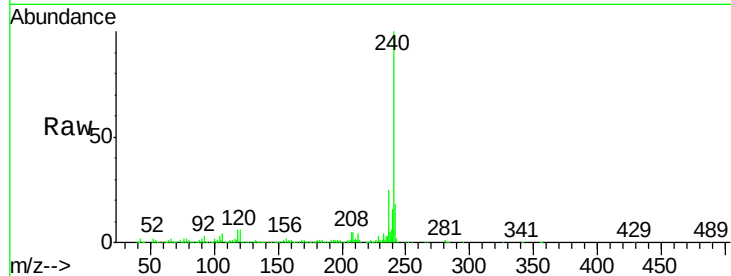
Tot Ion:240 Resp: 678953

Ion Ratio Lower Upper

240 100

120 6.0 8.2 12.2#

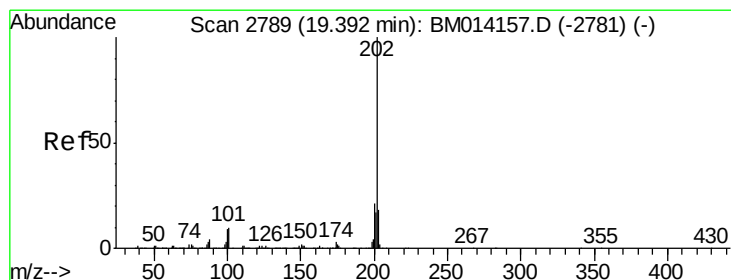
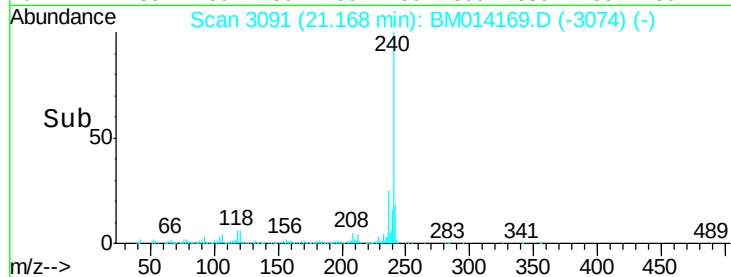
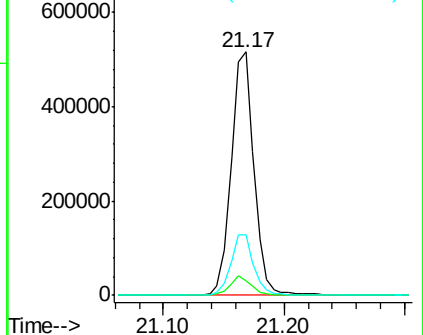
236 25.1 20.0 30.0



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

Pyrene

Concen: 3.87 ng

RT: 19.40 min Scan# 2790

Delta R.T. 0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

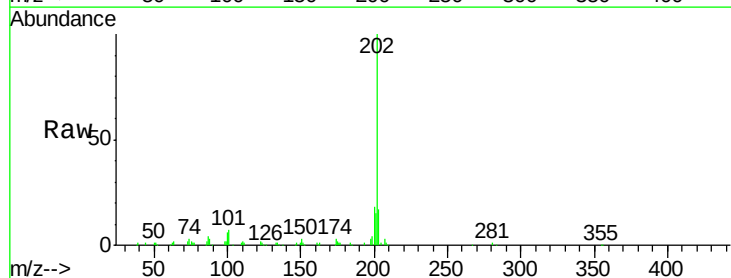
Tgt Ion:202 Resp: 182722

Ion Ratio Lower Upper

202 100

200 18.2 16.9 25.3

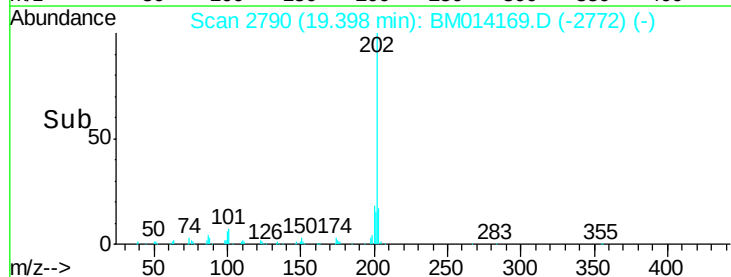
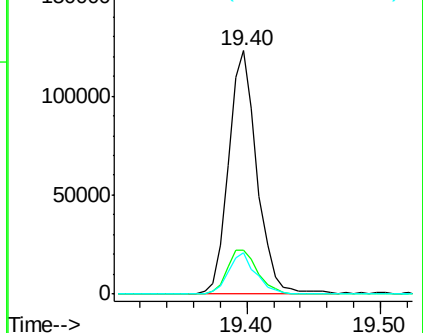
203 16.9 14.1 21.1

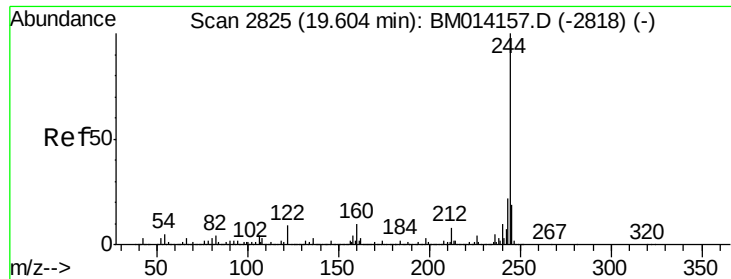


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

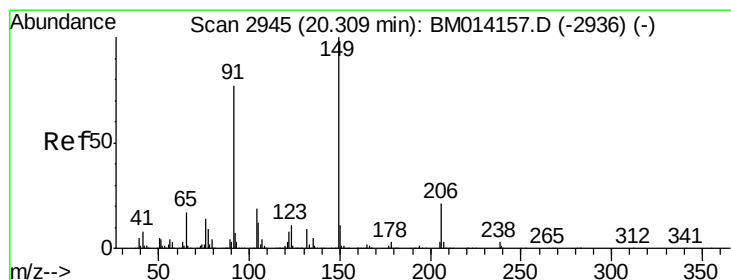
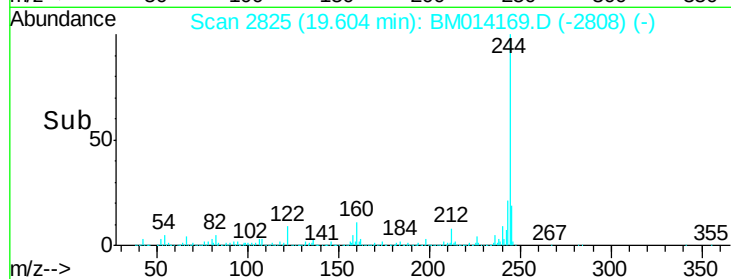
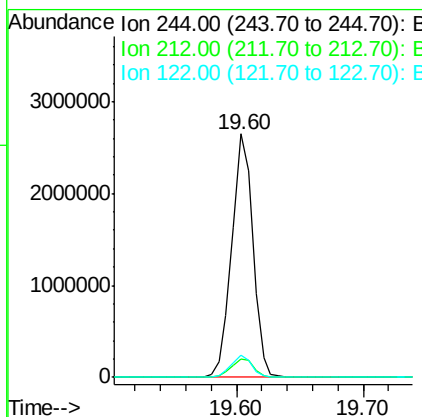
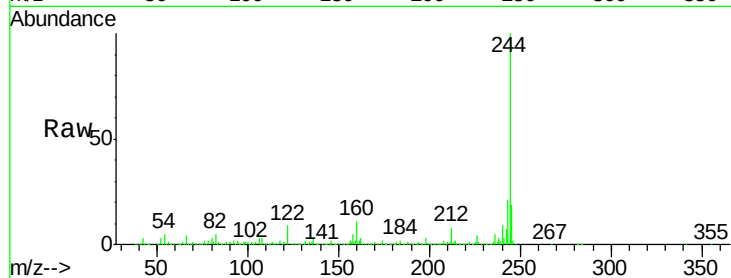




#78
 Terphenyl-d14
 Concen: 87.47 ng
 RT: 19.60 min Scan# 2825
 Delta R.T. -0.00 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

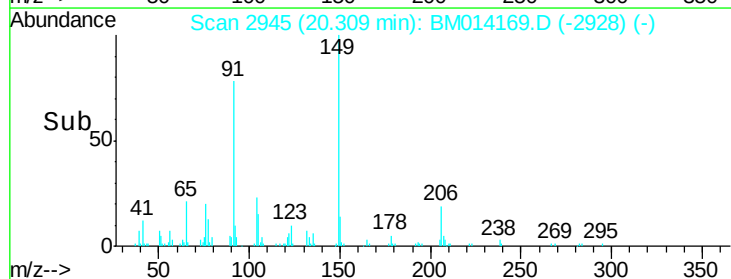
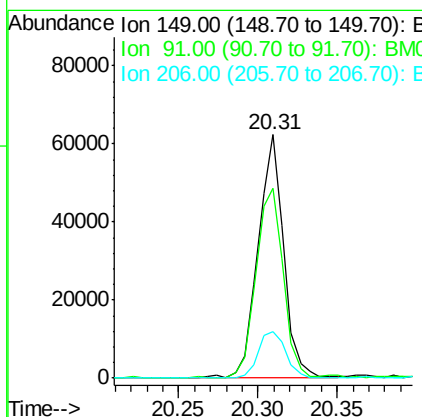
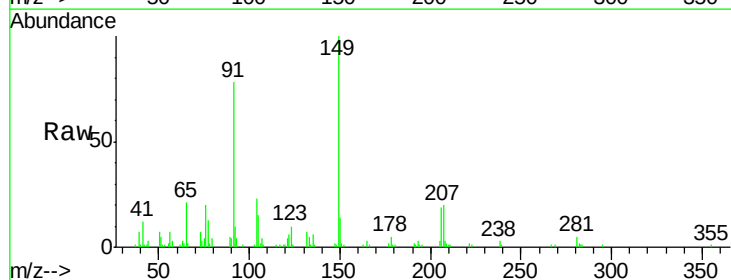
Instrument :
 BNA_M
 ClientSampleId :

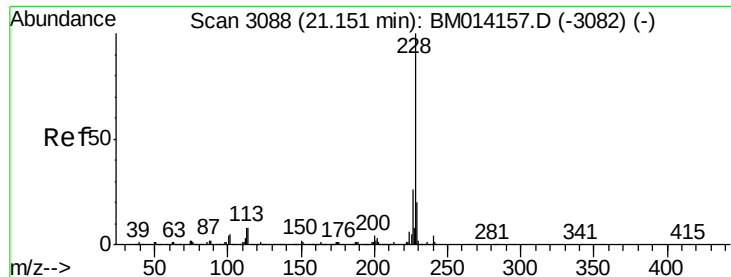
Tot Ion:244 Resp: 3039249
 Ion Ratio Lower Upper
 244 100
 212 7.8 4.9 7.3#
 122 8.9 6.2 9.4



#79
 Butylbenzylphthalate
 Concen: 3.33 ng
 RT: 20.31 min Scan# 2945
 Delta R.T. -0.00 min
 Lab File: BM014169.D
 Acq: 07 Feb 2018 20:07

Tgt Ion:149 Resp: 70638
 Ion Ratio Lower Upper
 149 100
 91 78.1 50.1 75.1#
 206 19.0 16.2 24.2

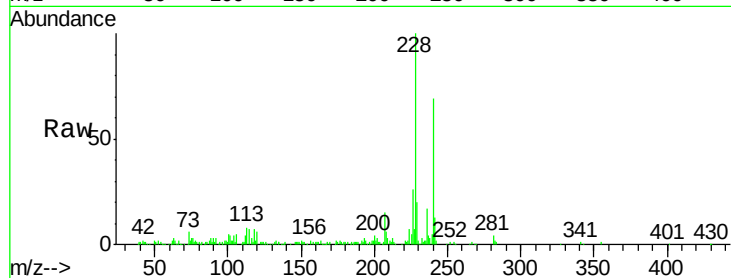




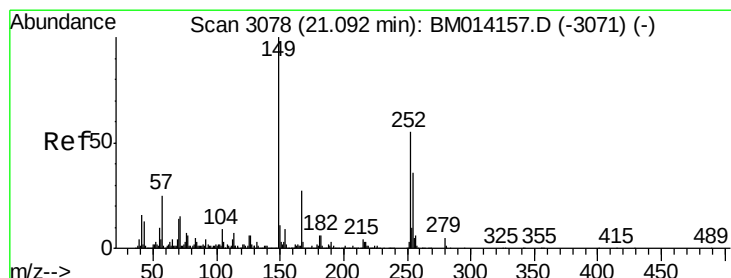
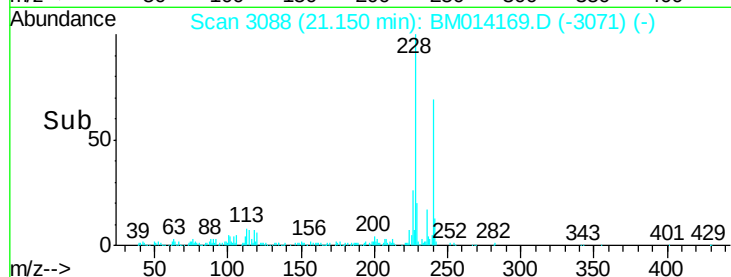
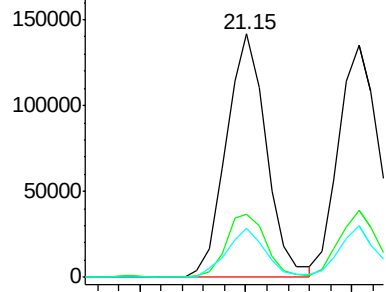
#80
Benzo(a)anthracene
Concen: 4.26 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Instrument :
BNA_M
ClientSampleId :

Tot Ion:228 Resp: 187744
Ion Ratio Lower Upper
228 100
226 25.8 21.7 32.5
229 20.1 16.0 24.0

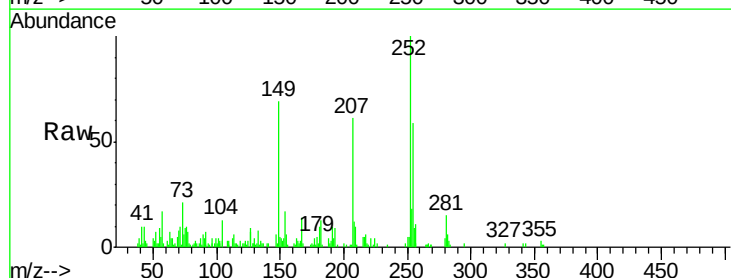


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

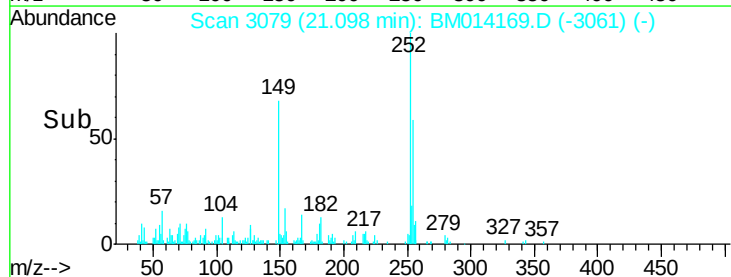
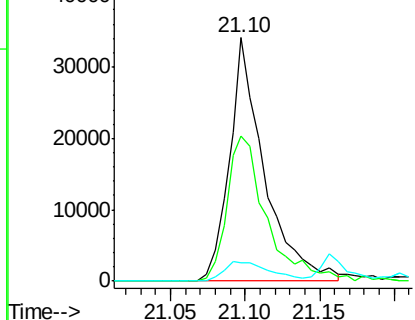


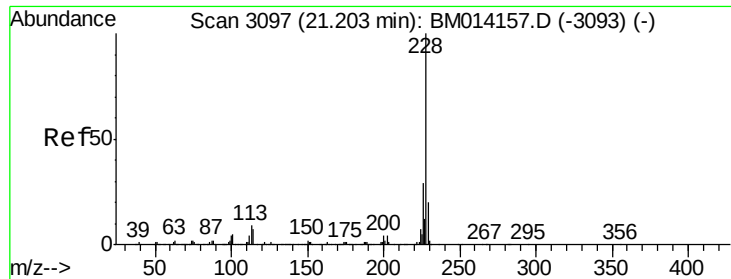
#81
3,3'-Dichlorobenzidine
Concen: 3.37 ng
RT: 21.10 min Scan# 3079
Delta R.T. 0.01 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Tgt Ion:252 Resp: 55544
Ion Ratio Lower Upper
252 100
254 59.5 51.9 77.9
126 7.4 9.8 14.8#



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





#82

Chrysene

Concen: 4.37 ng

RT: 21.20 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampleId :

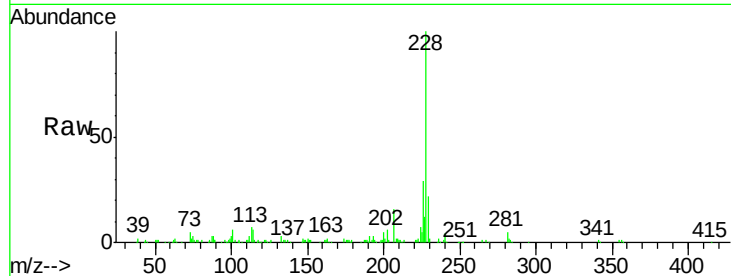
Tot Ion:228 Resp: 187188

Ion Ratio Lower Upper

228 100

226 28.9 24.1 36.1

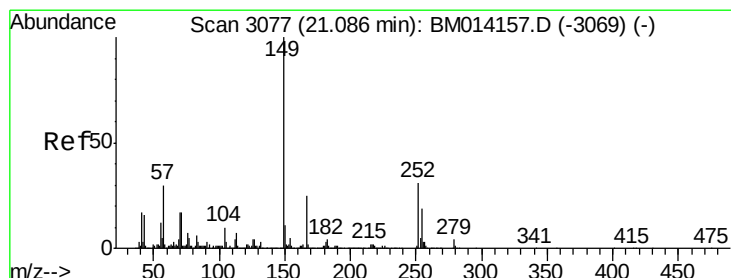
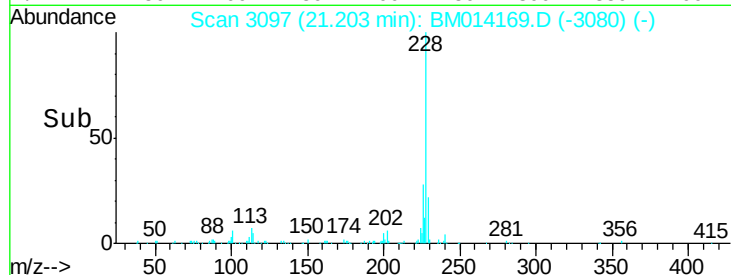
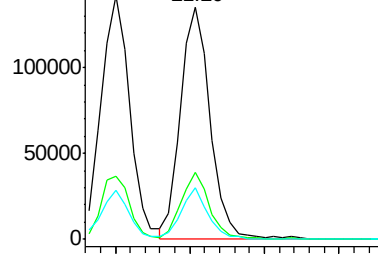
229 22.3 15.5 23.3



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.48 ng

RT: 21.09 min Scan# 3077

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

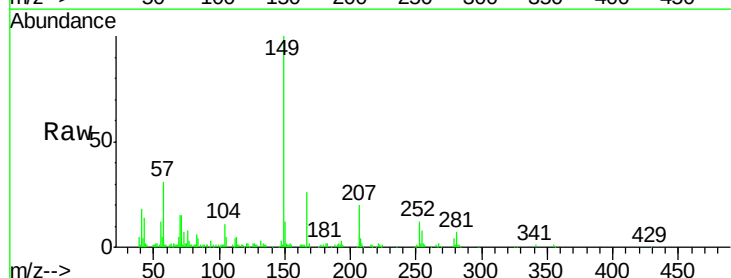
Tgt Ion:149 Resp: 107690

Ion Ratio Lower Upper

149 100

167 25.5 22.4 33.6

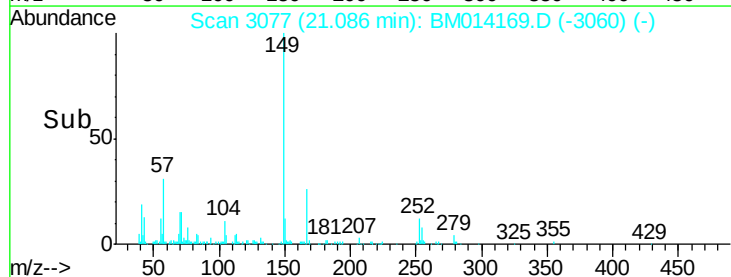
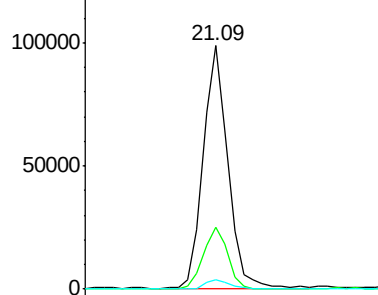
279 3.9 3.4 5.0

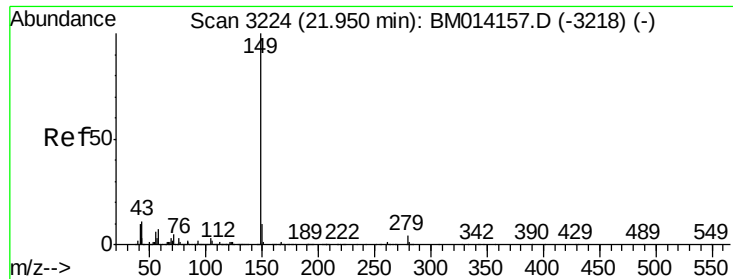


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 3.71 ng

RT: 21.95 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BM014169.D

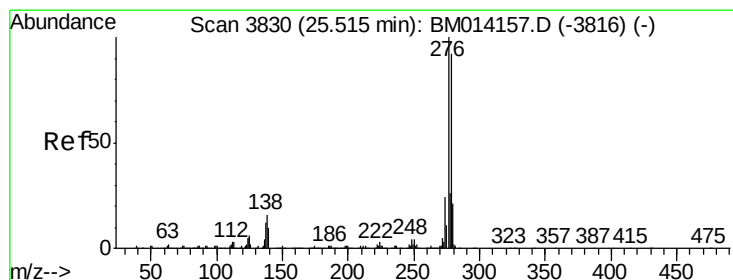
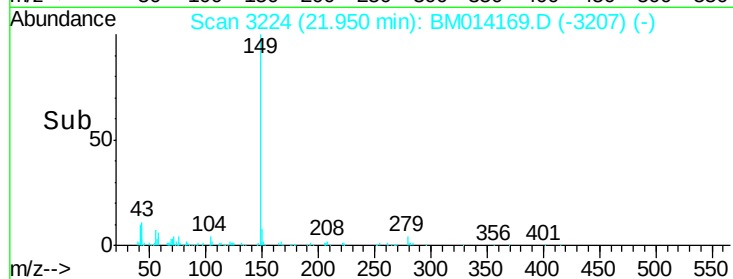
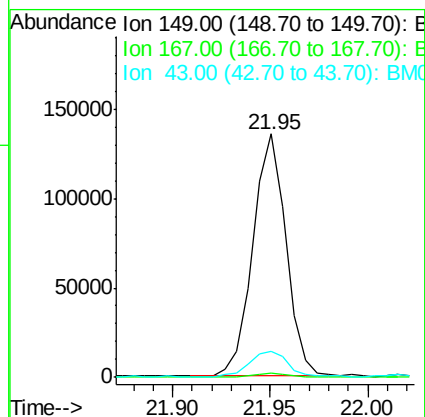
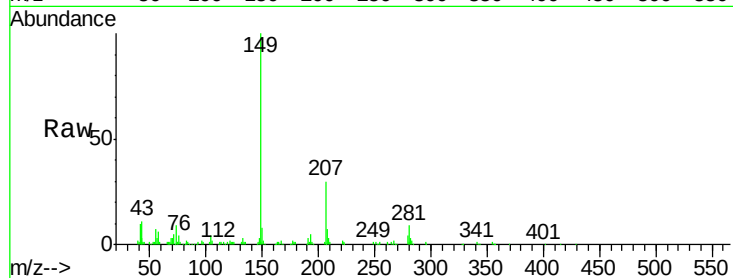
Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	149	Resp:	159250
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	13.2	7.3	10.9#



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.91 ng

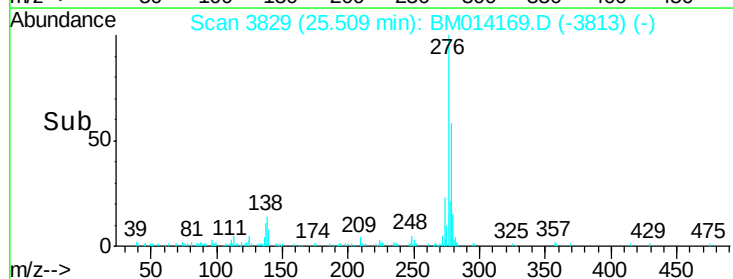
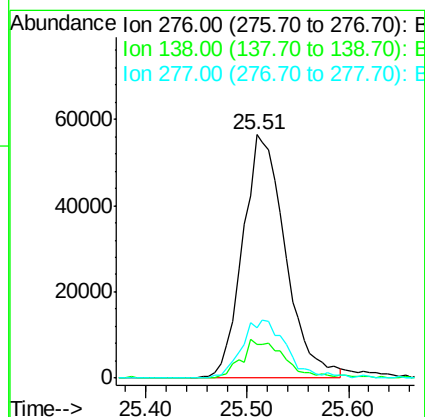
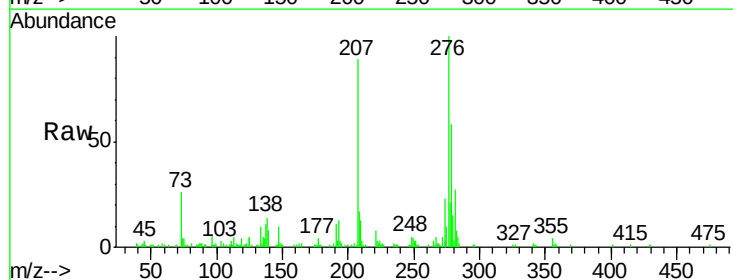
RT: 25.51 min Scan# 3829

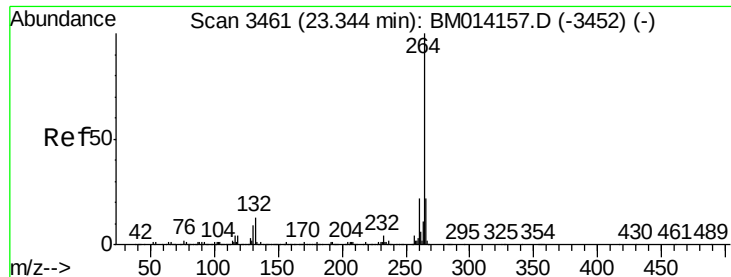
Delta R.T. -0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Tgt Ion:	276	Resp:	165055
Ion	Ratio	Lower	Upper
276	100		
138	15.6	12.0	18.0
277	24.2	20.0	30.0

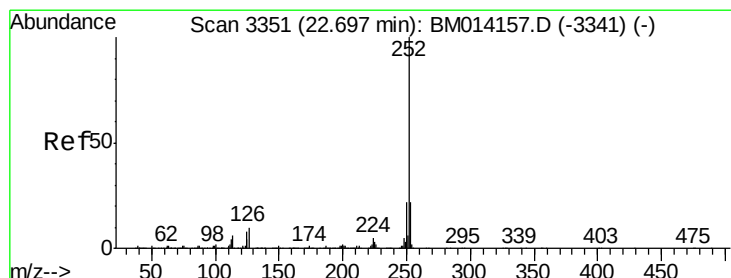
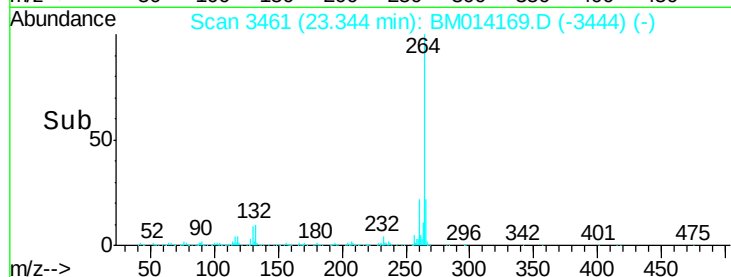
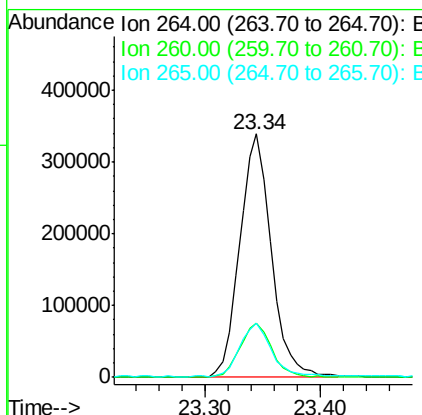
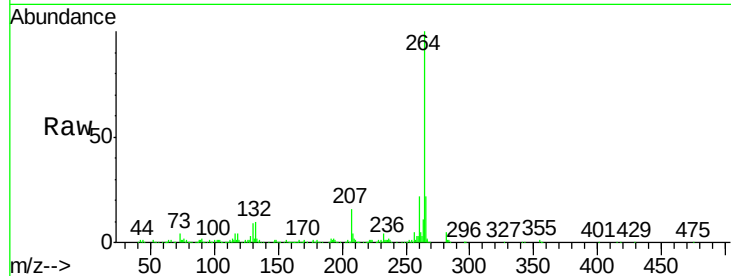




#86
Pervlene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.00 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

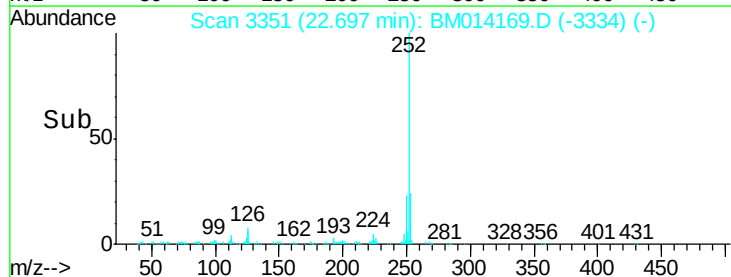
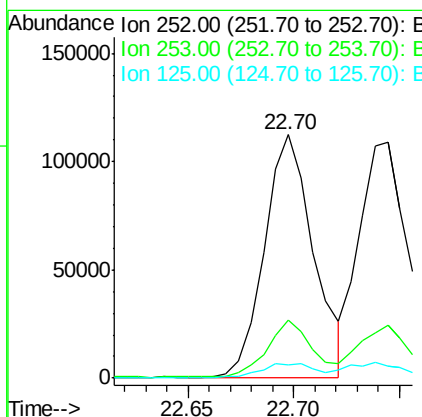
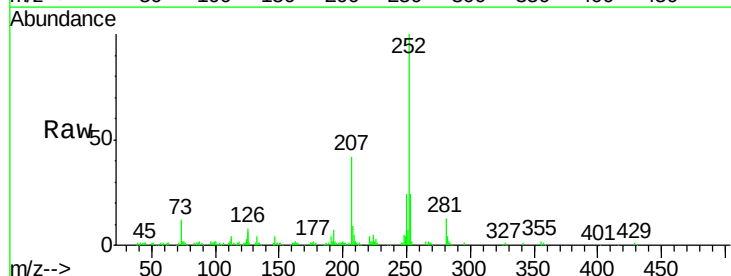
Instrument :
BNA_M
ClientSampleId :

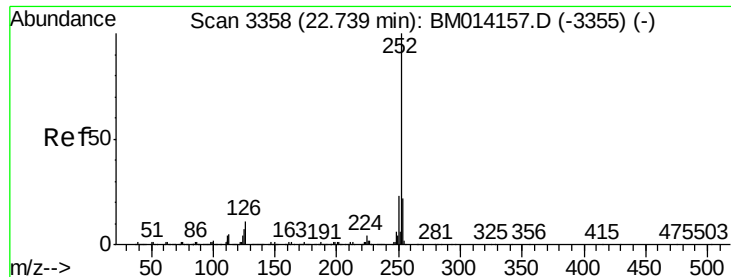
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	18.6	27.8
265	22.1	17.3	25.9



#87
Benzo(b)fluoranthene
Concen: 4.07 ng
RT: 22.70 min Scan# 3351
Delta R.T. -0.00 min
Lab File: BM014169.D
Acq: 07 Feb 2018 20:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.0	27.0
125	5.7	9.9	14.9





#88

Benzo(k)fluoranthene

Concen: 4.26 ng

RT: 22.74 min Scan# 3359

Delta R.T. 0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampleId :

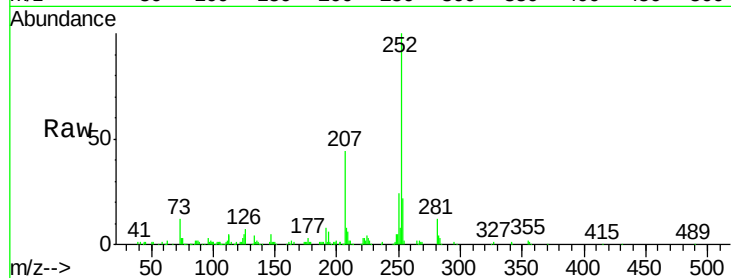
Tot Ion:252 Resp: 181151

Ion Ratio Lower Upper

252 100

253 22.5 17.2 25.8

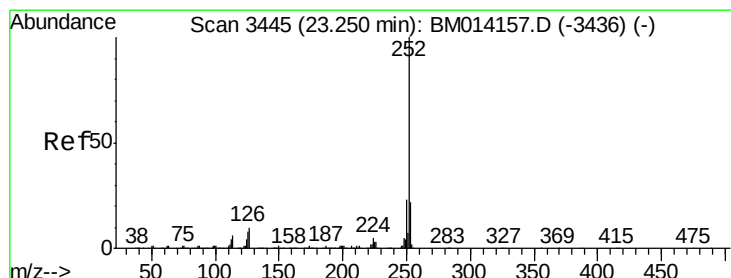
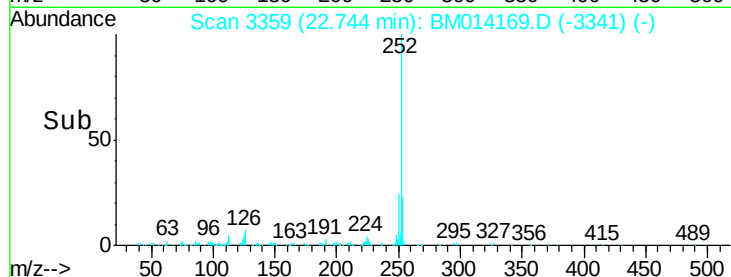
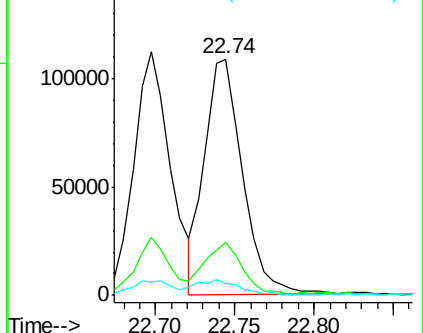
125 5.2 8.1 12.1#



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(a)pyrene

Concen: 4.15 ng

RT: 23.25 min Scan# 3445

Delta R.T. -0.00 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

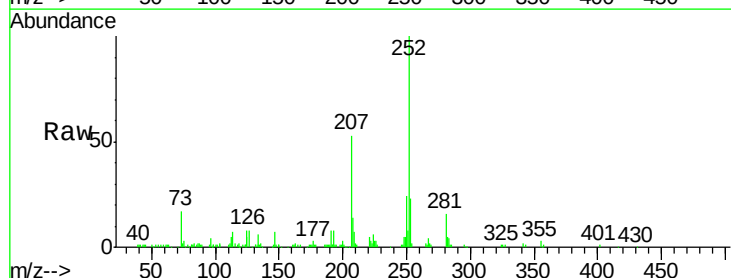
Tgt Ion:252 Resp: 163549

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

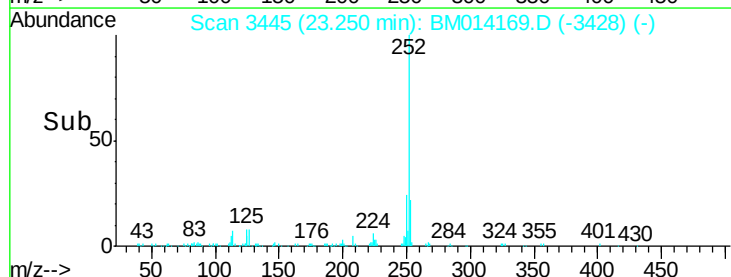
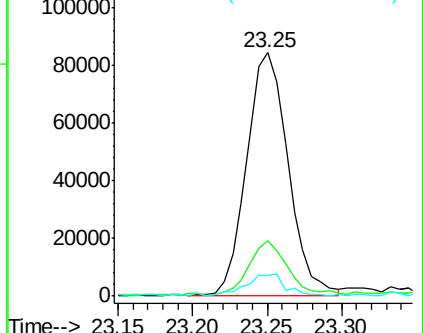
125 8.4 7.4 11.2

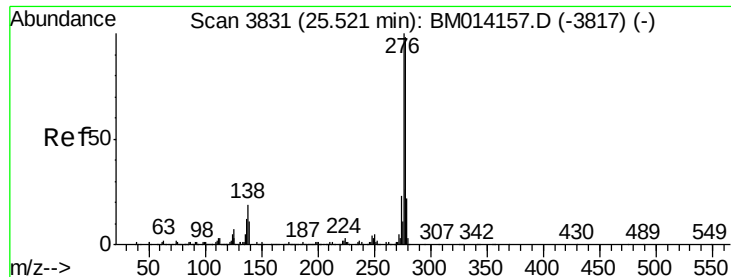


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 4.30 ng

RT: 25.53 min Scan# 3832

Delta R.T. 0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Instrument :

BNA_M

ClientSampleId :

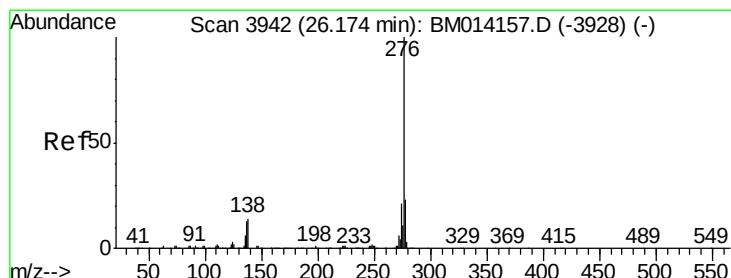
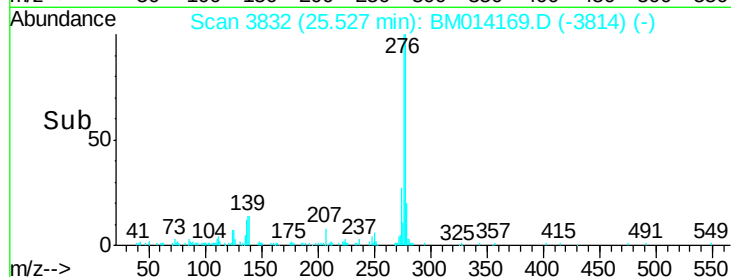
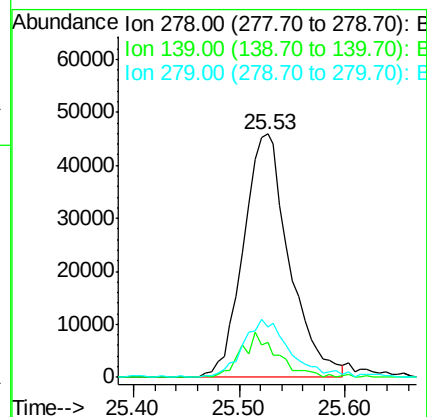
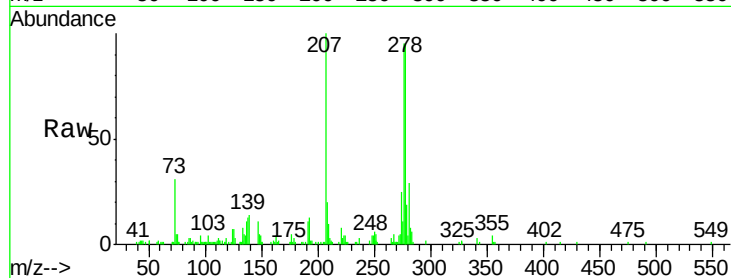
Tot Ion:278 Resp: 138348

Ion Ratio Lower Upper

278 100

139 14.3 13.4 20.0

279 20.4 19.0 28.4



#91

Benzo(g,h,i)perylene

Concen: 4.45 ng

RT: 26.19 min Scan# 3944

Delta R.T. 0.01 min

Lab File: BM014169.D

Acq: 07 Feb 2018 20:07

Tgt Ion:276 Resp: 133943

Ion Ratio Lower Upper

276 100

277 25.7 18.5 27.7

138 12.2 19.0 28.6#

