

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
 Data File : BM014174.D
 Acq On : 07 Feb 2018 23:06
 Operator : SJ/JU
 Sample : J1161-03
 Misc : MDL 5 PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 08 07:18:37 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	79188	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	346085	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	240244	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	621328	20.00	ng	0.00
75) Chrysene-d12	21.16	240	720038	20.00	ng	0.00
86) Perylene-d12	23.34	264	668522	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.16	112	618935	136.23	ng	0.00
7) Phenol-d6	6.73	99	839130	130.41	ng	0.00
23) Nitrobenzene-d5	8.70	82	750300	96.84	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	483517	141.84	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1757434	91.32	ng	0.00
78) Terphenyl-d14	19.60	244	3256184	88.36	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.15	88	8704	4.66	ng	# 100
3) Pyridine	3.55	79	20512	3.97	ng	# 93
4) n-Nitrosodimethylamine	3.46	42	13562	4.12	ng	# 35
6) Aniline	6.89	93	34663	4.23	ng	# 93
8) 2-Chlorophenol	7.11	128	21765	4.21	ng	# 79
9) Benzaldehyde	6.72	77	16175	3.49	ng	# 68
10) Phenol	6.76	94	28157	4.43	ng	# 80
11) bis(2-Chloroethyl)ether	6.99	93	20016	3.99	ng	# 99
12) 1,3-Dichlorobenzene	7.43	146	28014	4.34	ng	# 87
13) 1,4-Dichlorobenzene	7.58	146	29069	4.48	ng	# 90
14) 1,2-Dichlorobenzene	7.89	146	28695	4.40	ng	# 98
15) Benzyl Alcohol	7.80	79	19387	3.25	ng	# 80
16) 2,2'-oxybis(1-Chloropropan	8.06	45	10475	2.05	ng	# 82
17) 2-Methylphenol	8.00	107	19128	3.93	ng	# 71
18) Hexachloroethane	8.60	117	12776	4.56	ng	# 90
19) n-Nitroso-di-n-propylamine	8.35	70	21710	3.92	ng	# 94
20) 3+4-Methylphenols	8.35	107	23338	3.31	ng	# 75
22) Acetophenone	8.37	105	42469	4.27	ng	# 79
24) Nitrobenzene	8.75	77	38759	4.86	ng	# 90
25) Isophorone	9.26	82	59088	4.60	ng	# 91
26) 2-Nitrophenol	9.46	139	11578	3.85	ng	# 77
27) 2,4-Dimethylphenol	9.52	122	18143	3.96	ng	# 71
28) bis(2-Chloroethoxy)methane	9.76	93	27498	4.18	ng	# 84
29) 2,4-Dichlorophenol	10.02	162	17571	3.43	ng	# 90
30) 1,2,4-Trichlorobenzene	10.19	180	27836	4.12	ng	# 91
31) Naphthalene	10.36	128	78699	4.15	ng	# 96
32) Benzoic acid	9.68	122	619	6.32	ng	# 85
33) 4-Chloroaniline	10.52	127	25581	3.25	ng	# 72
34) Hexachlorobutadiene	10.63	225	21355	4.61	ng	# 98
35) Caprolactam	11.29	113	5317	2.90	ng	# 63
36) 4-Chloro-3-methylphenol	11.65	107	23819	3.75	ng	# 81
37) 2-Methylnaphthalene	11.99	142	59917	4.20	ng	# 88
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	34360	4.08	ng	# 100
40) Hexachlorocyclopentadiene	12.33	237	10099	8.06	ng	# 87

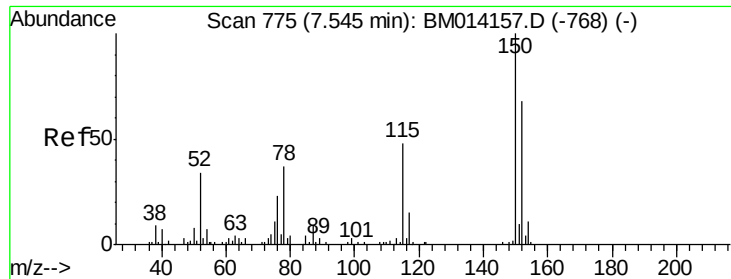
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	12.63	196	18985	3.84	nq	# 80
43) 2,4,5-Trichlorophenol	12.72	196	15476	2.83	nq	# 80
45) 1,1'-Biphenyl	13.03	154	93293	4.48	nq	97
46) 2-Chloronaphthalene	13.06	162	68020	4.31	nq	# 92
47) 2-Nitroaniline	13.31	65	21236	3.65	nq	# 71
48) Acenaphthylene	13.92	152	108249	4.18	nq	97
49) Dimethylphthalate	13.67	163	96194	4.47	nq	# 93
50) 2,6-Dinitrotoluene	13.80	165	18270	4.14	nq	# 50
51) Acenaphthene	14.26	154	70599	4.42	nq	91
52) 3-Nitroaniline	14.14	138	14069	3.08	nq	# 49
53) 2,4-Dinitrophenol	14.39	184	1467	8.20	nq	91
54) Dibenzofuran	14.60	168	106345	4.26	nq	# 82
55) 4-Nitrophenol	14.50	139	2704	6.49	nq	# 65
56) 2,4-Dinitrotoluene	14.61	165	23094	3.39	nq	# 80
57) Fluorene	15.26	166	90122	4.11	nq	96
58) 2,3,4,6-Tetrachlorophenol	14.84	232	20459	3.80	nq	# 100
59) Diethylphthalate	15.04	149	102003	4.27	nq	98
60) 4-Chlorophenyl-phenylether	15.26	204	48404	4.24	nq	# 76
61) 4-Nitroaniline	15.32	138	12744	2.79	nq	# 44
62) Azobenzene	15.55	77	111328	4.49	nq	79
64) 4,6-Dinitro-2-methylphenol	15.40	198	8160	7.26	nq	78
65) n-Nitrosodiphenylamine	15.48	169	77330	3.94	nq	93
66) 4-Bromophenyl-phenylether	16.15	248	31565	4.33	nq	# 70
67) Hexachlorobenzene	16.26	284	34445	4.31	nq	# 74
68) Atrazine	16.44	200	25598	3.48	nq	92
69) Pentachlorophenol	16.62	266	13971	8.30	nq	# 85
70) Phenanthrene	17.00	178	158844	4.24	nq	99
71) Anthracene	17.10	178	148463	4.07	nq	98
72) Carbazole	17.38	167	127902	3.73	nq	97
73) Di-n-butylphthalate	17.93	149	168872	3.84	nq	# 94
74) Fluoranthene	19.03	202	182239	4.13	nq	97
77) Pyrene	19.40	202	195750	3.91	nq	99
79) Butylbenzylphthalate	20.31	149	72788	3.23	nq	# 87
80) Benzo(a)anthracene	21.15	228	198660	4.25	nq	97
81) 3,3'-Dichlorobenzidine	21.10	252	56647	3.24	nq	# 88
82) Chrysene	21.20	228	201184	4.43	nq	99
83) Bis(2-ethylhexyl)phthalate	21.09	149	104722	3.19	nq	98
84) Di-n-octyl phthalate	21.95	149	163227	3.59	nq	# 94
85) Indeno(1,2,3-cd)pyrene	25.51	276	164944	4.62	nq	99
87) Benzo(b)fluoranthene	22.70	252	190283	4.10	nq	# 91
88) Benzo(k)fluoranthene	22.74	252	169511	3.84	nq	98
89) Benzo(a)pyrene	23.25	252	165568	4.05	nq	# 93
90) Dibenzo(a,h)anthracene	25.51	278	138119	4.13	nq	# 92
91) Benzo(g,h,i)perylene	26.17	276	129571	4.15	nq	# 88

(#) = 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: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampleId :

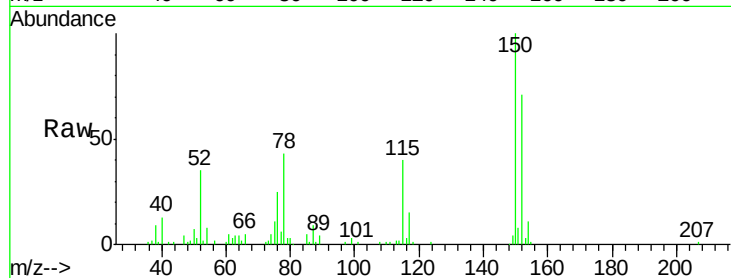
Tot Ion:152 Resp: 79188

Ion Ratio Lower Upper

152 100

150 140.1 119.5 179.3

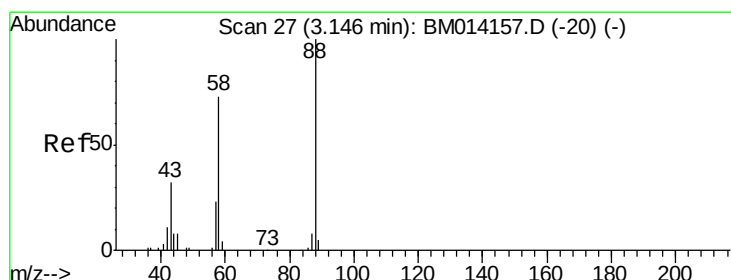
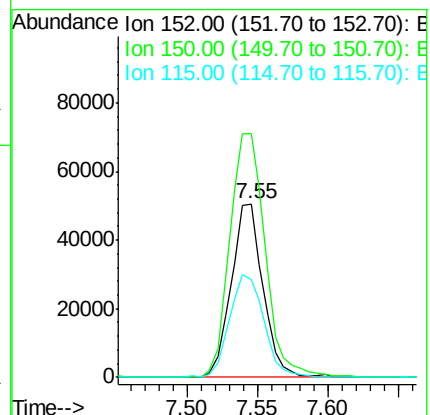
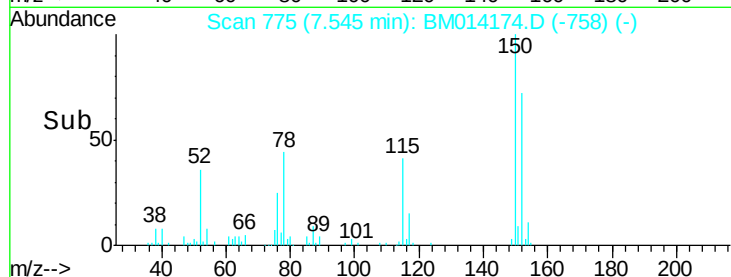
115 56.5 43.0 64.4



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: 4.66 ng

RT: 3.15 min Scan# 27

Delta R.T. 0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

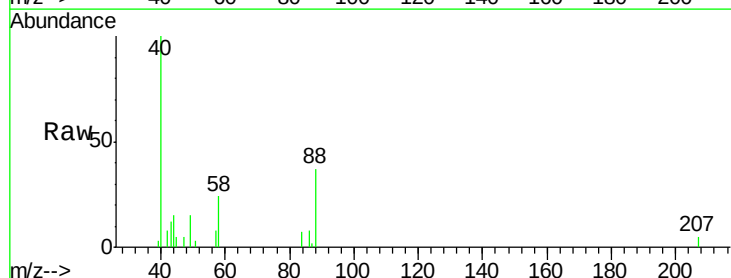
Tgt Ion: 88 Resp: 8704

Ion Ratio Lower Upper

88 100

58 63.0 0.0 0.0#

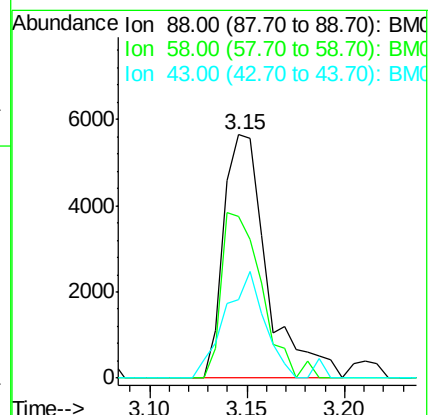
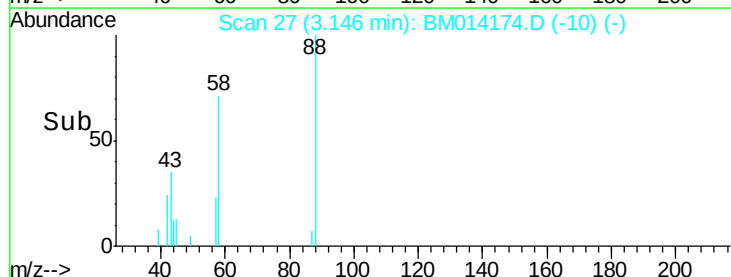
43 40.1 0.0 0.0#

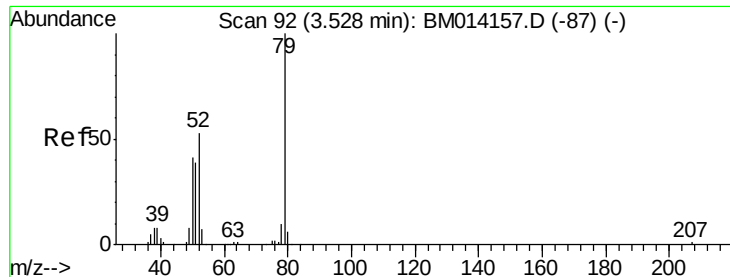


Abundance Ion 88.00 (87.70 to 88.70): BM0

Ion 58.00 (57.70 to 58.70): BM0

Ion 43.00 (42.70 to 43.70): BM0





#3

Pvridine

Concen: 3.97 ng

RT: 3.55 min Scan# 95

Delta R.T. 0.02 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampleId :

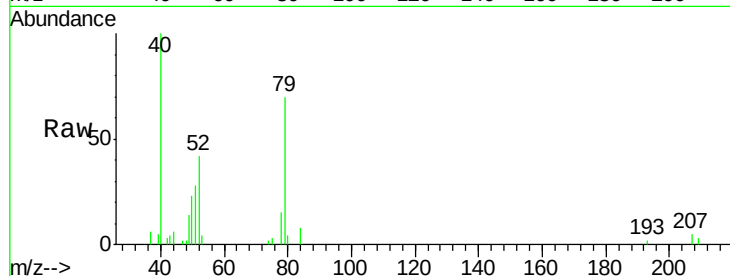
Tot Ion: 79 Resp: 20512

Ion Ratio Lower Upper

79 100

52 60.5 51.1 76.7

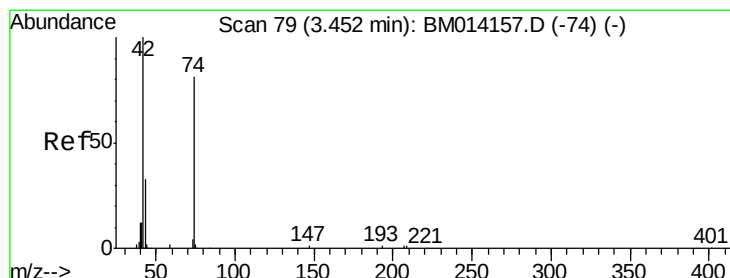
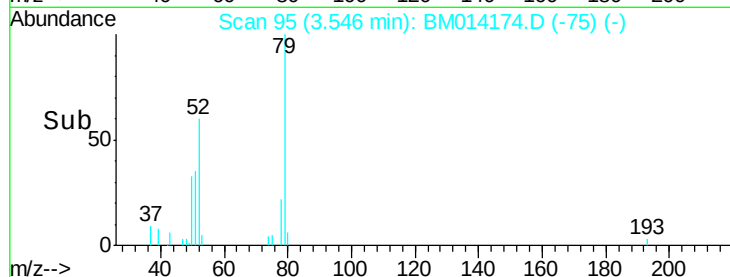
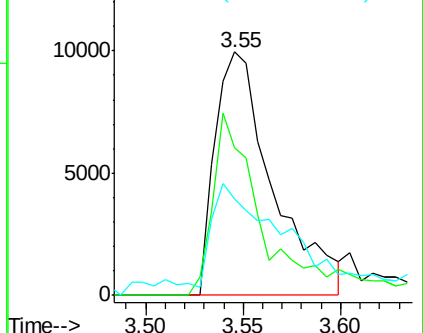
51 39.5 26.1 39.1#



Abundance Ion 79.00 (78.70 to 79.70): BM014157.D (-87) (-)

Ion 52.00 (51.70 to 52.70): BM014157.D (-87) (-)

Ion 51.00 (50.70 to 51.70): BM014157.D (-87) (-)



#4

n-Nitrosodimethylamine

Concen: 4.12 ng

RT: 3.46 min Scan# 80

Delta R.T. 0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

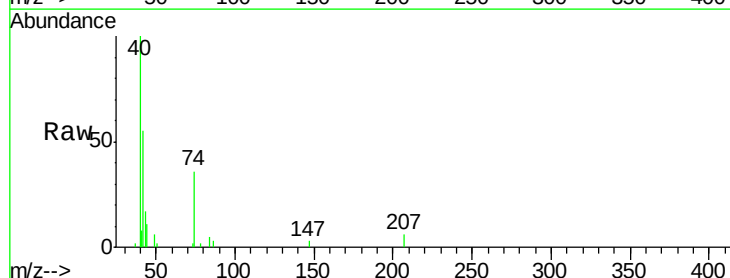
Tgt Ion: 42 Resp: 13562

Ion Ratio Lower Upper

42 100

74 65.1 119.3 178.9#

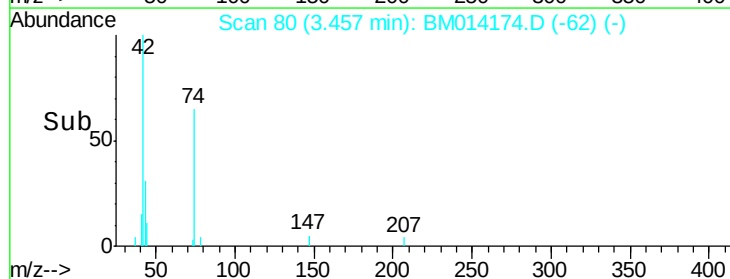
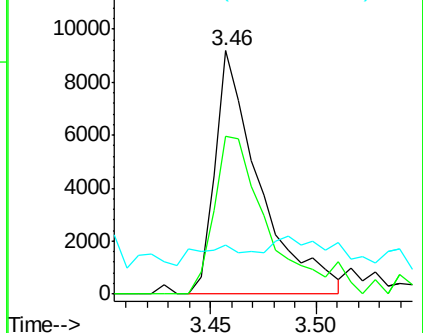
44 20.1 5.4 8.2#

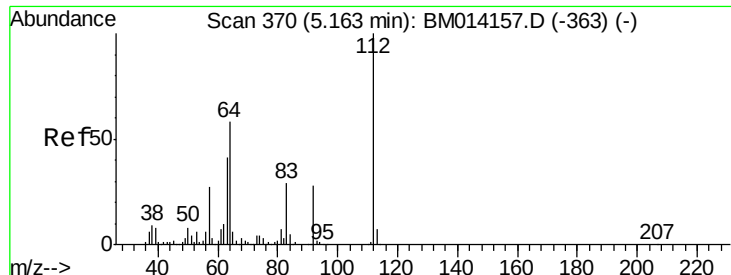


Abundance Ion 42.00 (41.70 to 42.70): BM014157.D (-74) (-)

Ion 74.00 (73.70 to 74.70): BM014157.D (-74) (-)

Ion 44.00 (43.70 to 44.70): BM014157.D (-74) (-)





#5

2-Fluorophenol

Concen: 136.23 ng

RT: 5.16 min Scan# 370

Delta R.T. 0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampled :

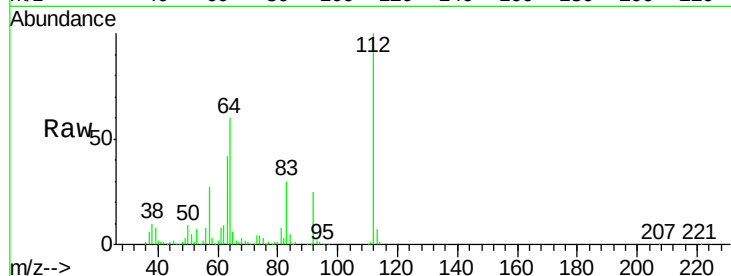
Tot Ion:112 Resp: 618935

Ion Ratio Lower Upper

112 100

64 60.2 38.6 57.8#

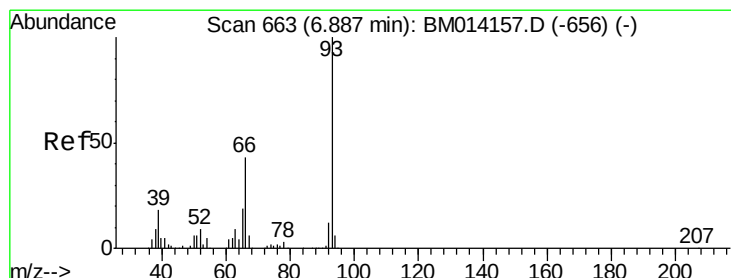
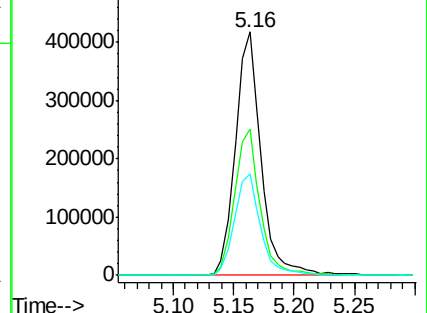
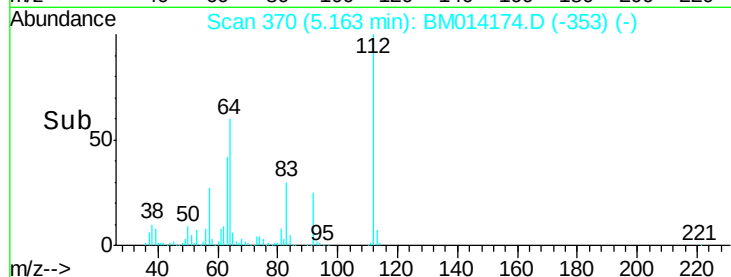
63 41.6 19.3 28.9#



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: 4.23 ng

RT: 6.89 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

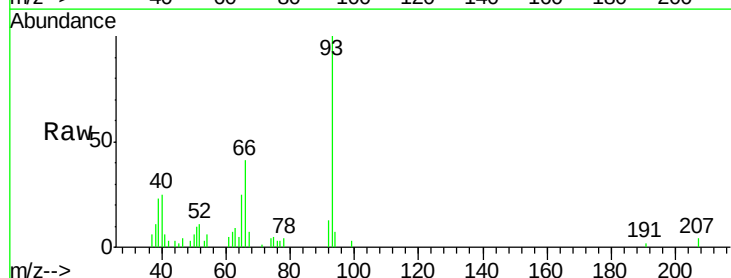
Tgt Ion: 93 Resp: 34663

Ion Ratio Lower Upper

93 100

66 41.2 30.8 46.2

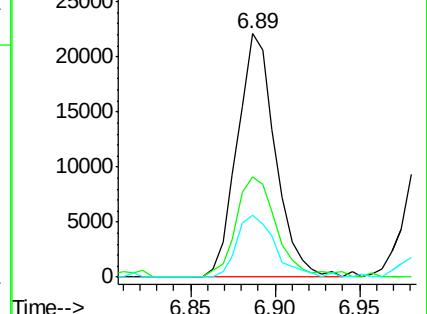
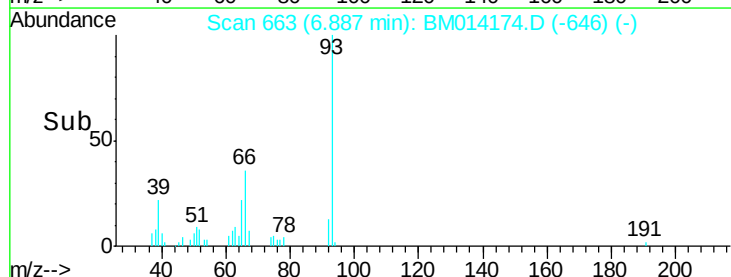
65 25.3 16.0 24.0#

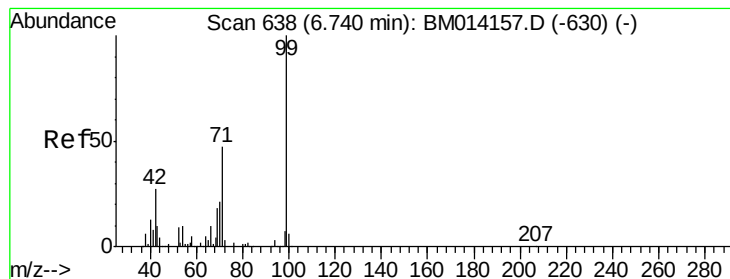


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 130.41 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampled :

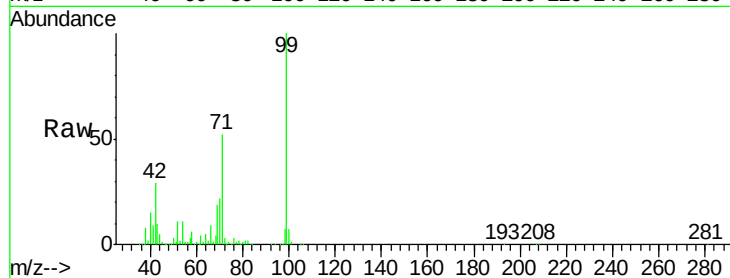
Tot Ion: 99 Resp: 839130

Ion Ratio Lower Upper

99 100

42 29.4 11.0 16.4#

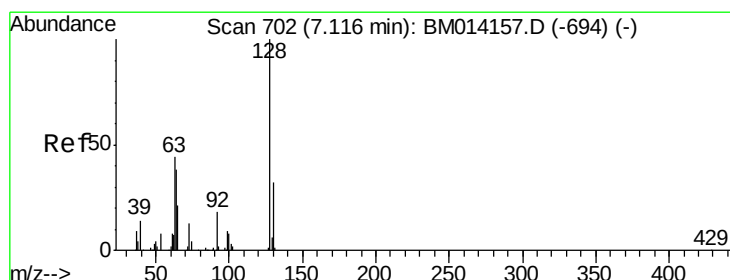
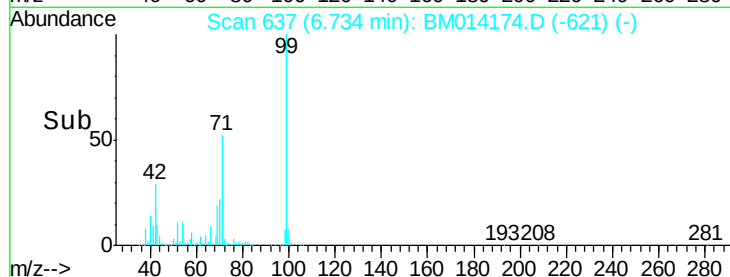
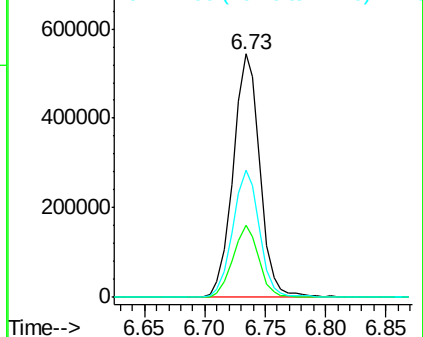
71 52.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014157.D (-630) (-)

Ion 42.00 (41.70 to 42.70): BM014157.D (-630) (-)

Ion 71.00 (70.70 to 71.70): BM014157.D (-630) (-)



#8

2-Chlorophenol

Concen: 4.21 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

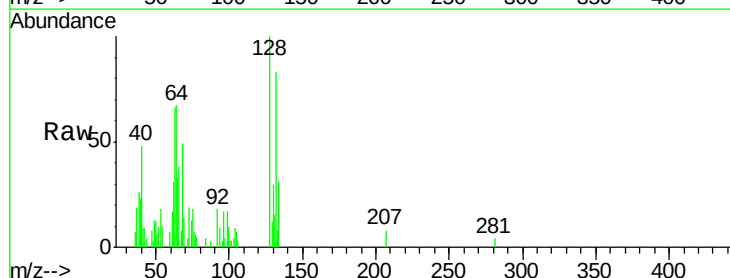
Tgt Ion: 128 Resp: 21765

Ion Ratio Lower Upper

128 100

130 29.9 12.0 52.0

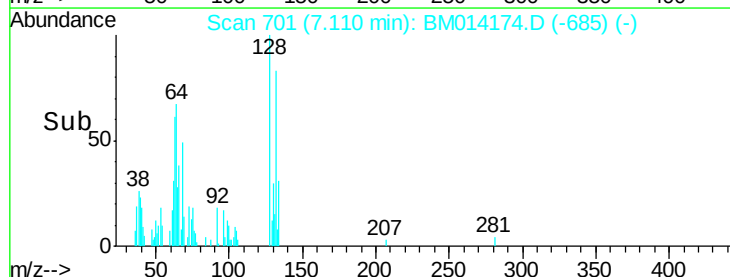
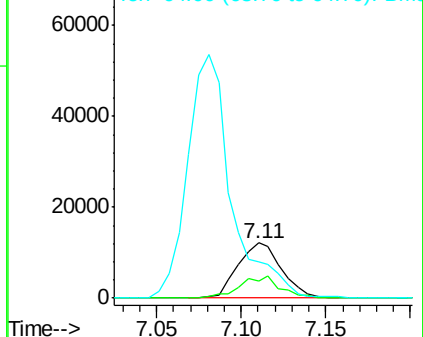
64 67.0 24.9 64.9#

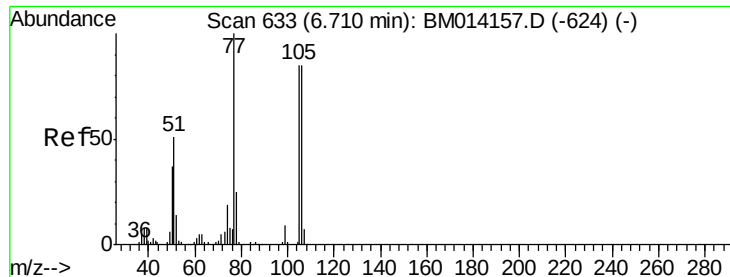


Abundance Ion 128.00 (127.70 to 128.70): BM014157.D (-694) (-)

Ion 130.00 (129.70 to 130.70): BM014157.D (-694) (-)

Ion 64.00 (63.70 to 64.70): BM014157.D (-694) (-)





#9

Benzaldehyde

Concen: 3.49 ng

RT: 6.72 min Scan# 634

Delta R.T. 0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampled :

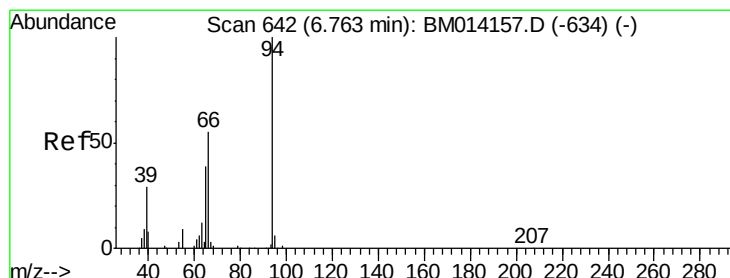
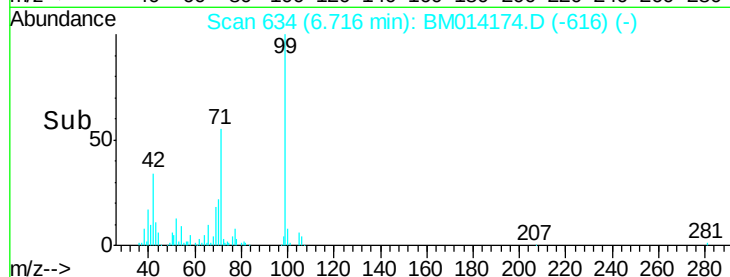
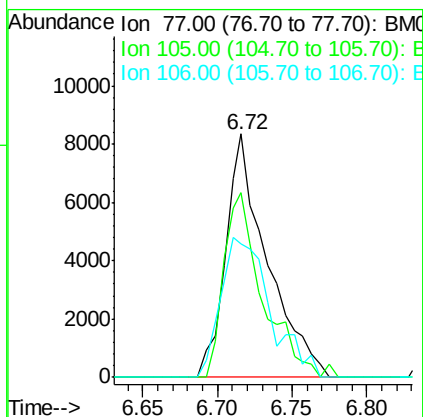
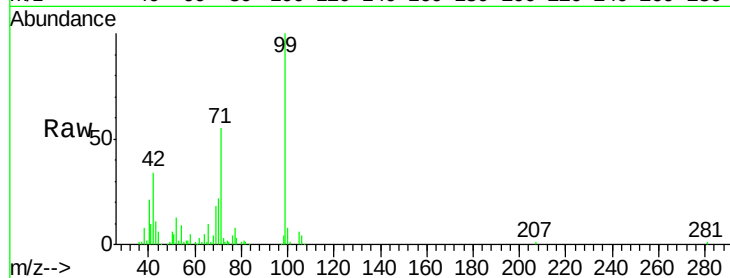
Tot Ion: 77 Resp: 16175

Ion Ratio Lower Upper

77 100

105 75.7 78.8 118.8#

106 54.8 73.7 113.7#



#10

Phenol

Concen: 4.43 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

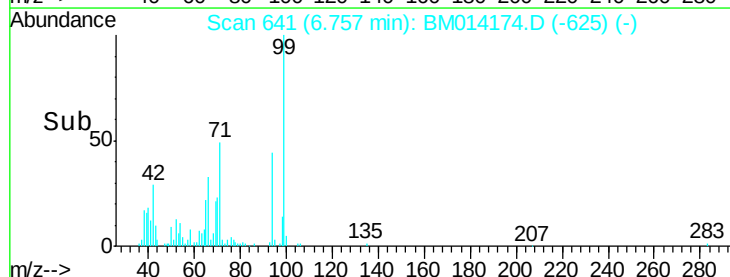
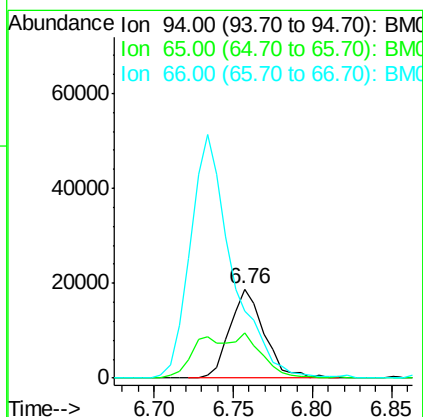
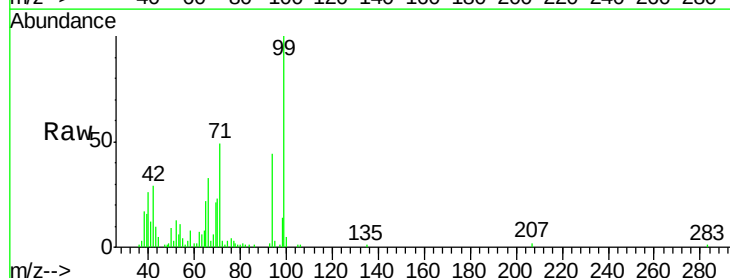
Tgt Ion: 94 Resp: 28157

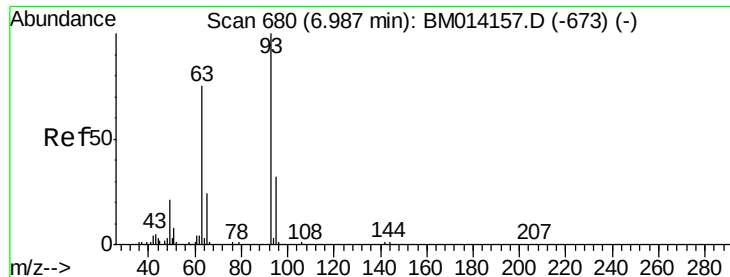
Ion Ratio Lower Upper

94 100

65 50.6 18.8 58.8

66 75.6 39.9 79.9

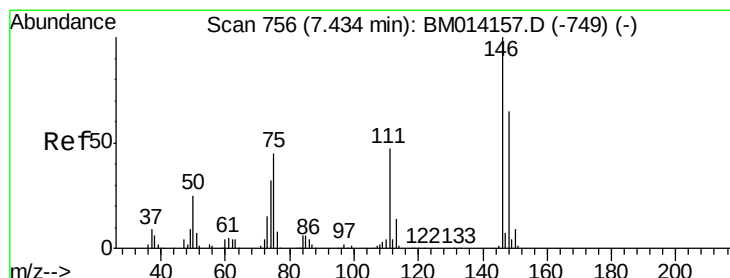
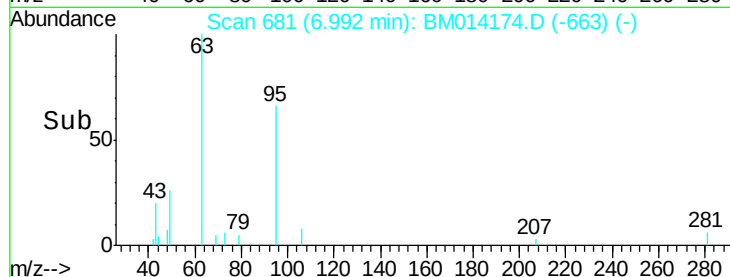
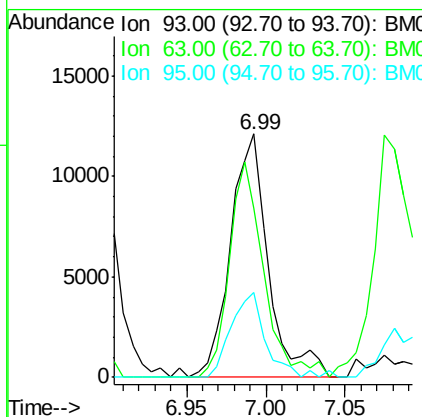
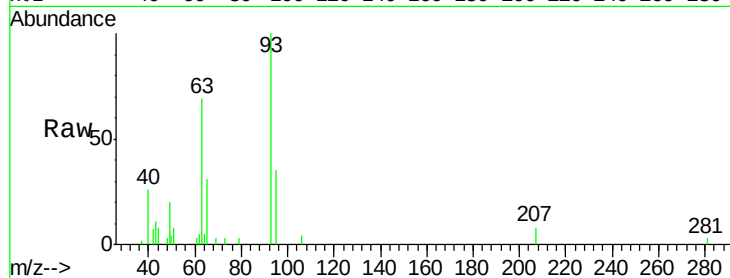




#11
bis(2-Chloroethyl)ether
Concen: 3.99 ng
RT: 6.99 min Scan# 681
Delta R.T. 0.01 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

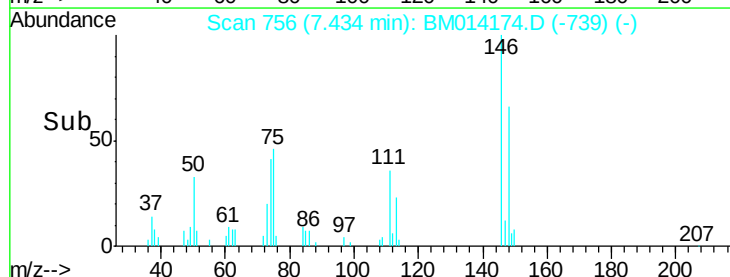
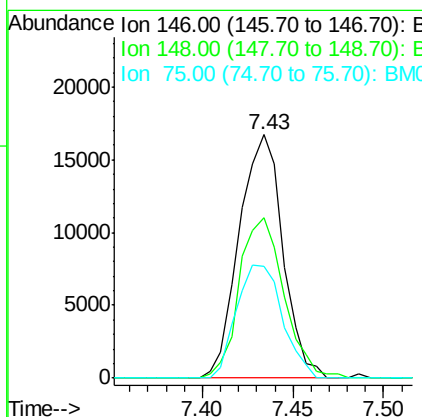
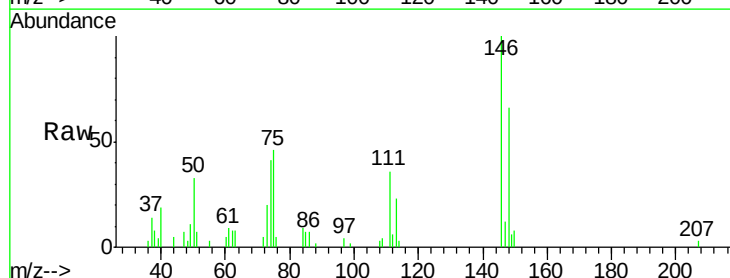
Instrument :
BNA_M
ClientSampleId :

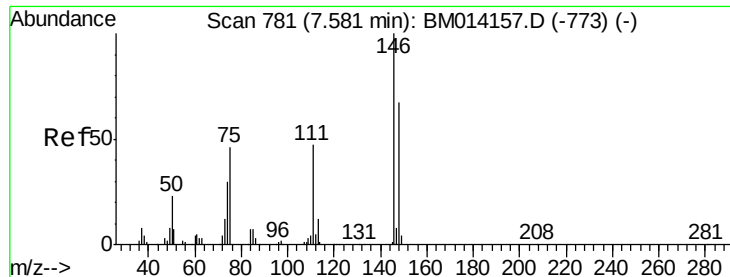
Tot Ion: 93 Resp: 20016
Ion Ratio Lower Upper
93 100
63 69.5 49.5 89.5
95 34.8 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 4.34 ng
RT: 7.43 min Scan# 756
Delta R.T. -0.00 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

Tgt Ion: 146 Resp: 28014
Ion Ratio Lower Upper
146 100
148 66.0 50.9 76.3
75 46.0 21.4 32.2#

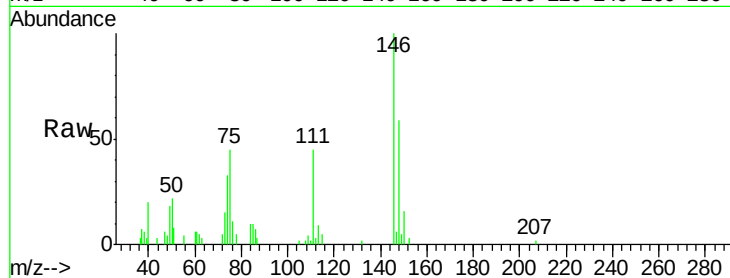




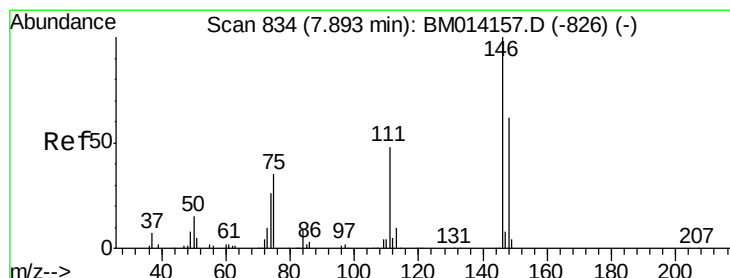
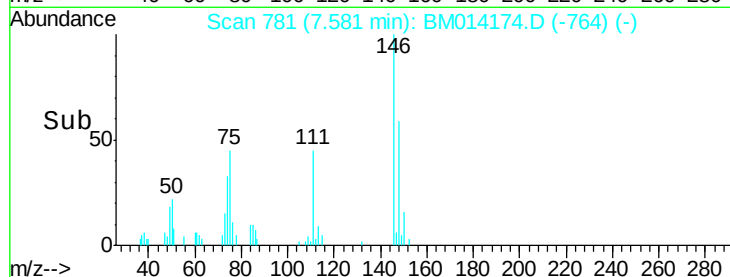
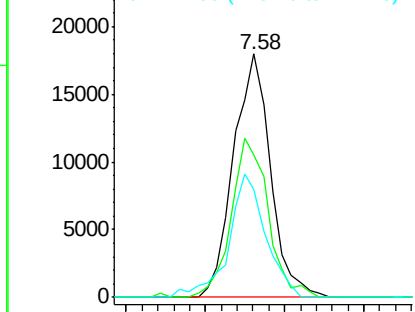
#13
1,4-Dichlorobenzene
Concen: 4.48 ng
RT: 7.58 min Scan# 781
Delta R.T. -0.00 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

Instrument :
BNA_M
ClientSampled :

Tot Ion:146 Resp: 29069
Ion Ratio Lower Upper
146 100
148 58.6 51.9 77.9
111 44.5 29.2 43.8#

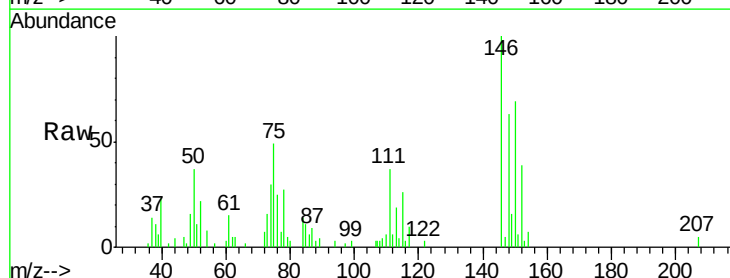


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E

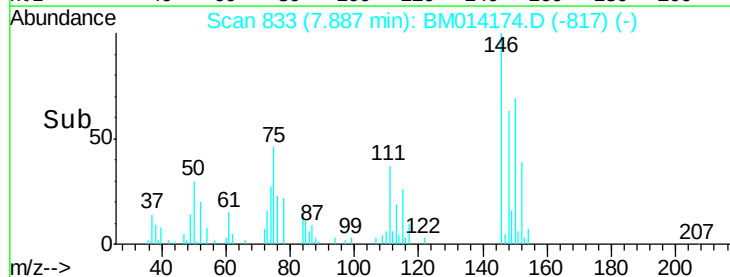
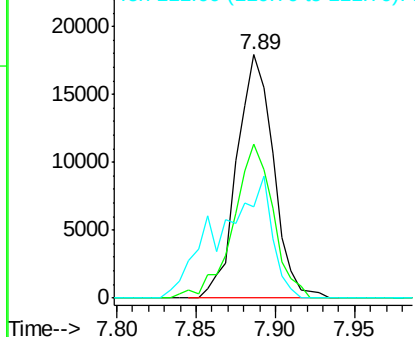


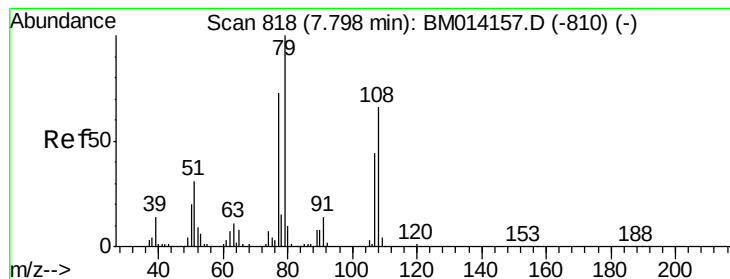
#14
1,2-Dichlorobenzene
Concen: 4.40 ng
RT: 7.89 min Scan# 833
Delta R.T. -0.01 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

Tgt Ion:146 Resp: 28695
Ion Ratio Lower Upper
146 100
148 63.4 52.3 78.5
111 37.5 30.6 45.8



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





#15

Benzyl Alcohol

Concen: 3.25 ng

RT: 7.80 min Scan# 819

Delta R.T. 0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampleId :

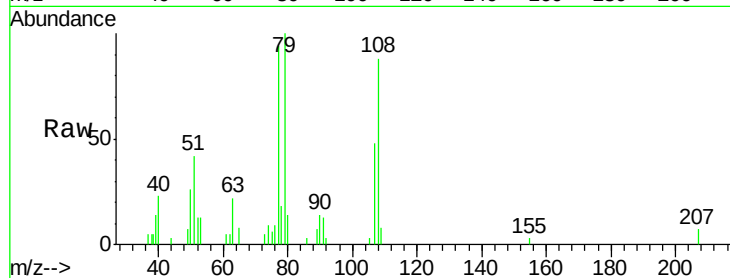
Tot Ion: 79 Resp: 19387

Ion Ratio Lower Upper

79 100

108 88.5 65.0 97.4

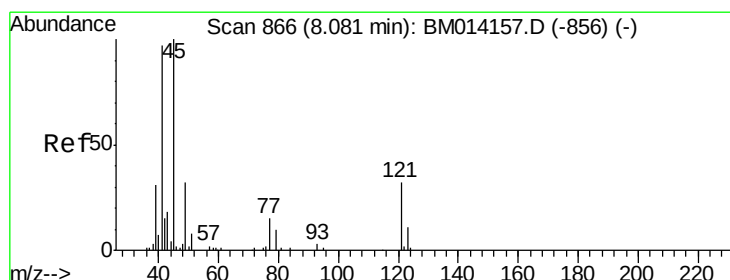
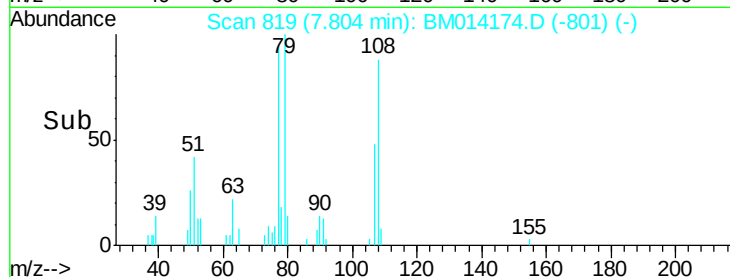
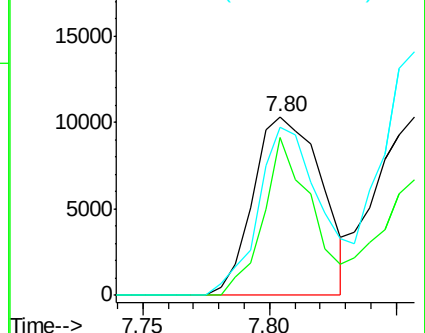
77 94.2 53.0 79.6#



Abundance Ion 79.00 (78.70 to 79.70): BM014157.D (-810) (-)

Ion 108.00 (107.70 to 108.70): BM014157.D (-810) (-)

Ion 77.00 (76.70 to 77.70): BM014157.D (-810) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 2.05 ng

RT: 8.06 min Scan# 863

Delta R.T. -0.02 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

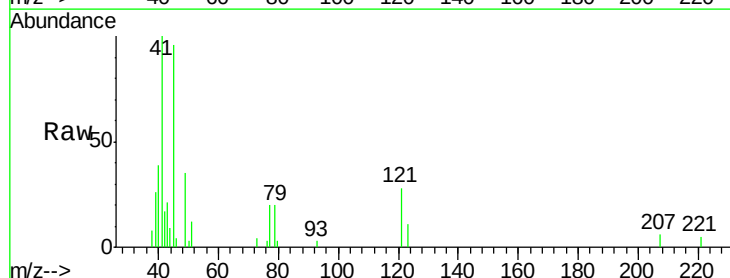
Tgt Ion: 45 Resp: 10475

Ion Ratio Lower Upper

45 100

77 21.0 0.0 35.2

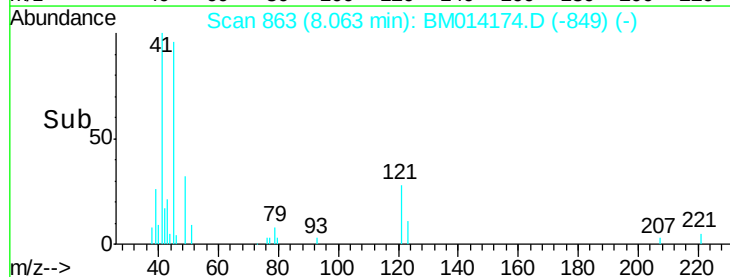
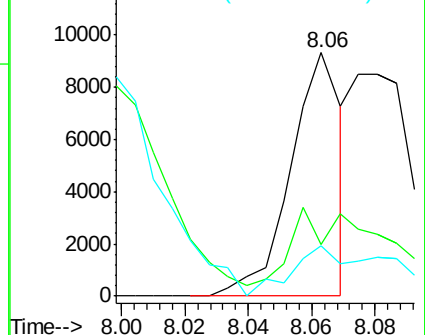
79 20.9 0.0 32.0

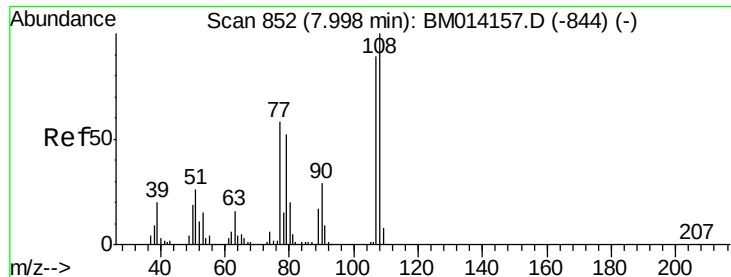


Abundance Ion 45.00 (44.70 to 45.70): BM014157.D (-856) (-)

Ion 77.00 (76.70 to 77.70): BM014157.D (-856) (-)

Ion 79.00 (78.70 to 79.70): BM014157.D (-856) (-)





#17

2-Methylphenol

Concen: 3.93 ng

RT: 8.00 min Scan# 853

Delta R.T. 0.01 min

Lab File: BM014174.D

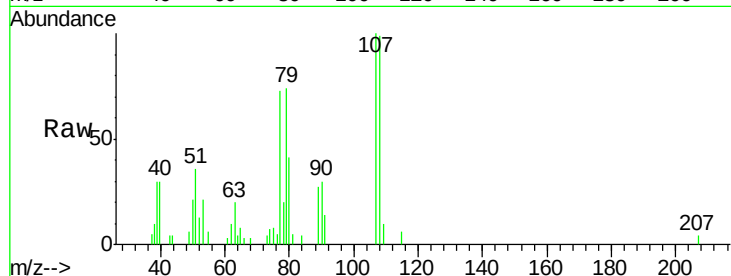
Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	107	Resp:	19128
Ion	Ratio	Lower	Upper
107	100		
108	99.1	89.8	134.8
77	72.6	32.6	48.8#
79	74.3	32.8	49.2#

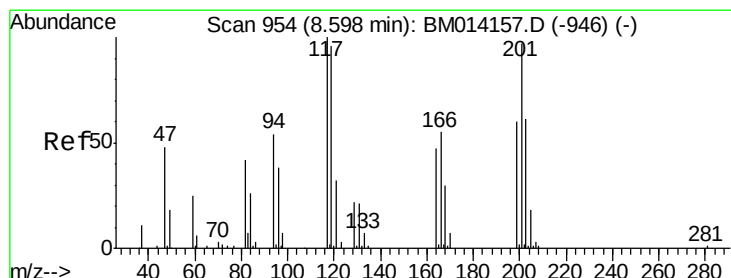
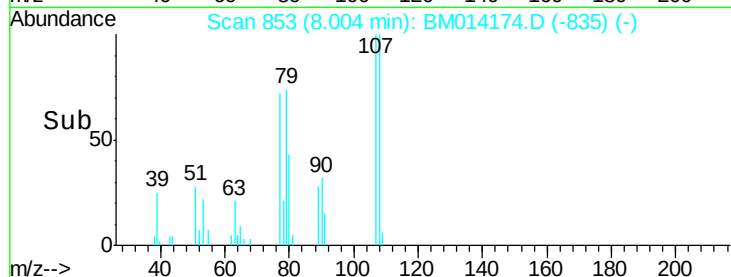
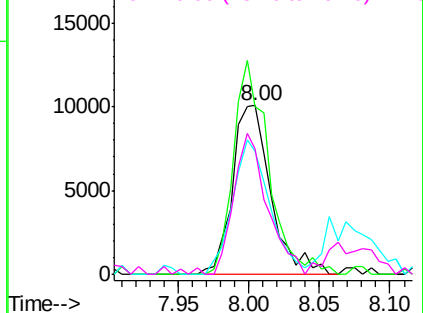


Abundance Ion 107.00 (106.70 to 107.70): E

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: 4.56 ng

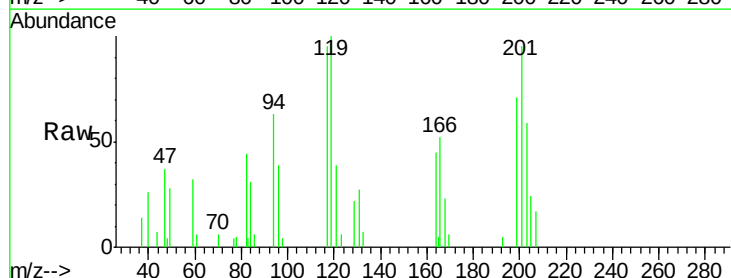
RT: 8.60 min Scan# 954

Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

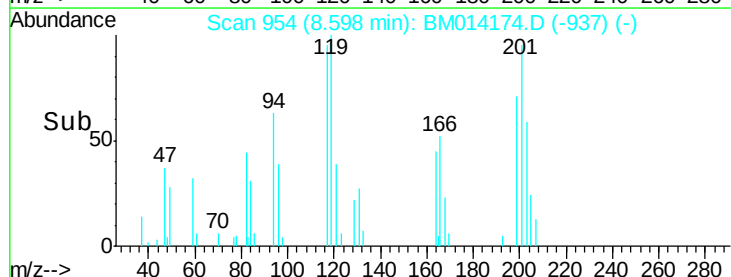
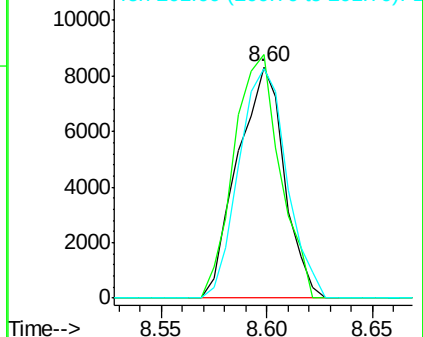
Tgt Ion:	117	Resp:	12776
Ion	Ratio	Lower	Upper
117	100		
119	105.5	79.2	118.8
201	99.7	69.8	104.6

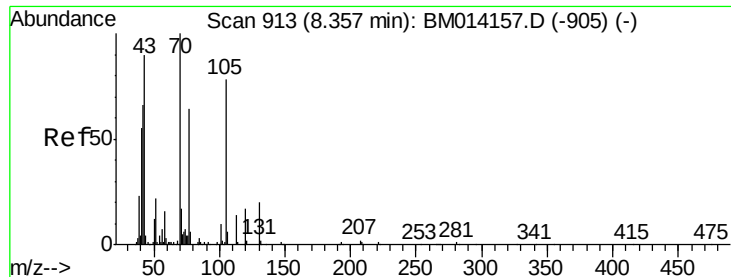


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

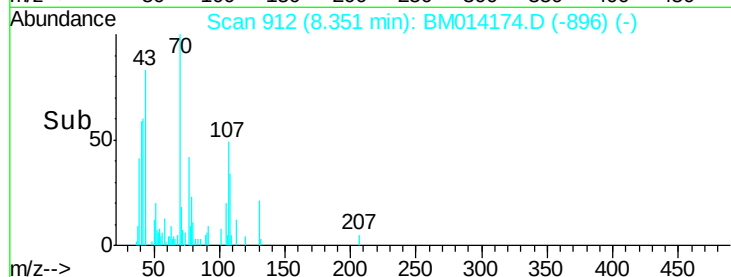
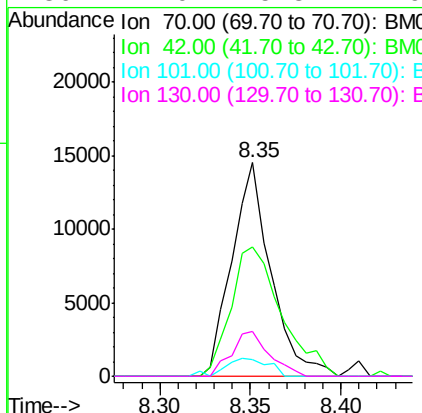
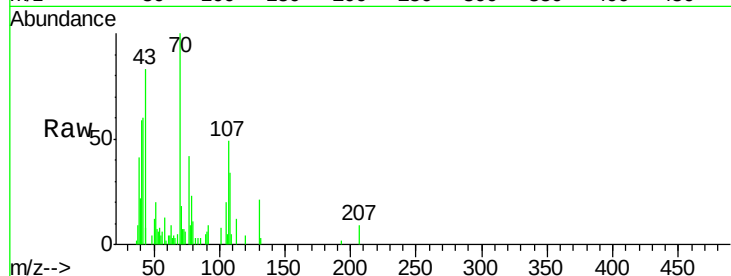




#19
n-Nitroso-di-n-propylamine
Concen: 3.92 ng
RT: 8.35 min Scan# 912
Delta R.T. -0.01 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

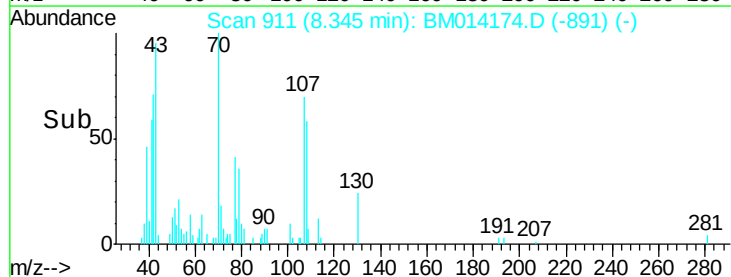
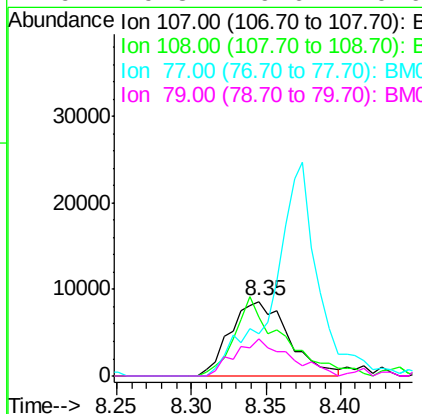
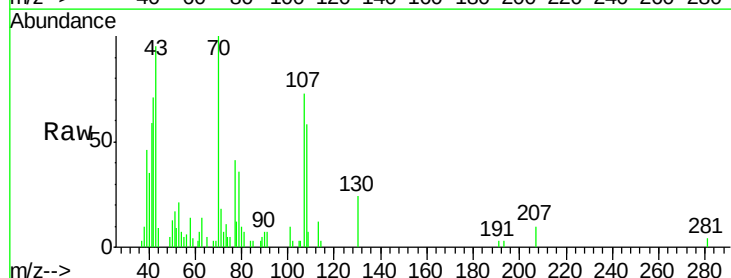
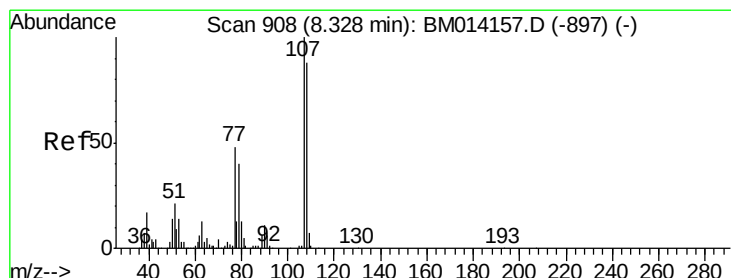
Instrument :
BNA_M
ClientSampleId :

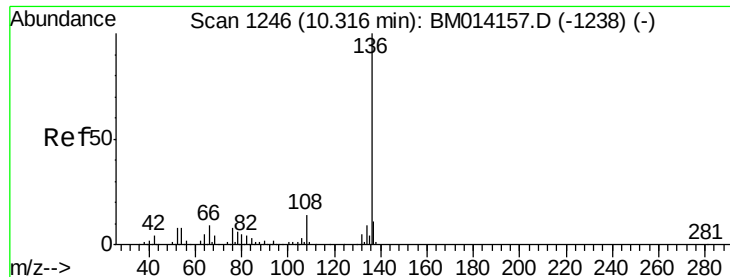
Tot Ion:	70	Resp:	21710
Ion	Ratio	Lower	Upper
70	100		
42	60.4	44.5	66.7
101	7.9	7.4	11.2
130	21.0	15.3	22.9



#20
3+4-Methylphenols
Concen: 3.31 ng
RT: 8.35 min Scan# 911
Delta R.T. 0.02 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

Tgt Ion:	107	Resp:	23338
Ion	Ratio	Lower	Upper
107	100		
108	79.2	73.2	113.2
77	56.2	10.7	50.7#
79	49.8	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: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampleId :

Tot Ion:136 Resp: 346085

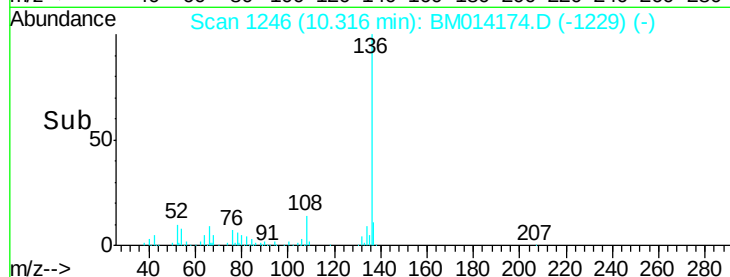
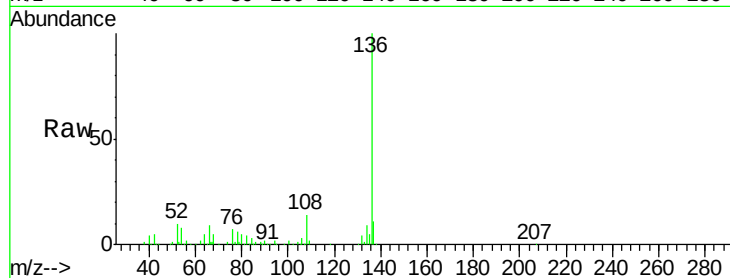
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.2 4.6 6.8#

68 4.8 3.7 5.5

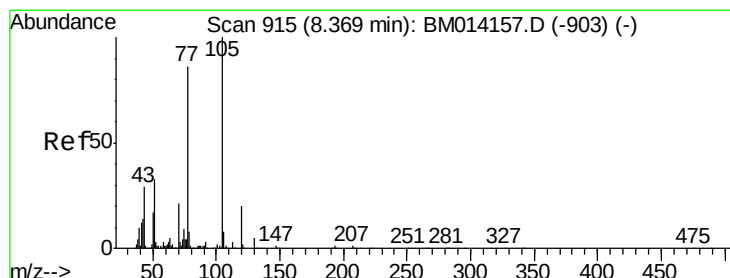
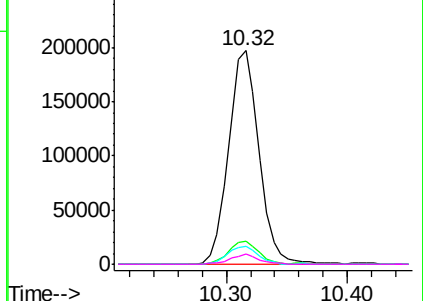


Abundance Ion 136.00 (135.70 to 136.70): E

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: 4.27 ng

RT: 8.37 min Scan# 915

Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Tgt Ion:105 Resp: 42469

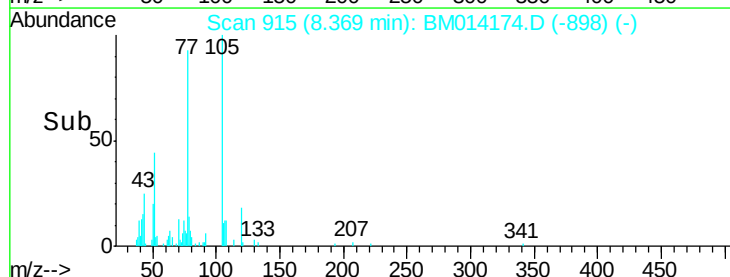
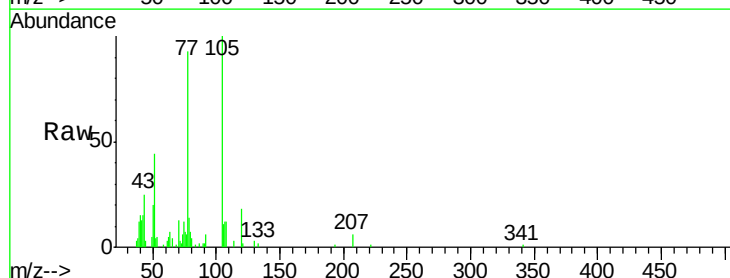
Ion Ratio Lower Upper

105 100

71 2.6 0.6 1.0#

51 44.5 21.6 32.4#

120 17.5 16.1 24.1

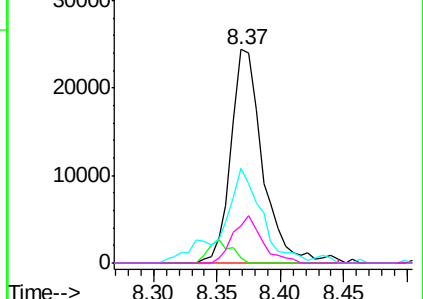


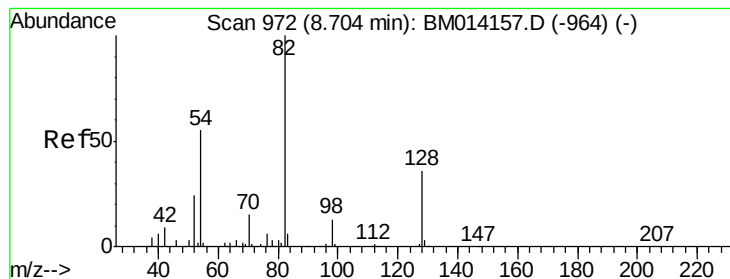
Abundance Ion 105.00 (104.70 to 105.70): E

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: 96.84 ng

RT: 8.70 min Scan# 972

Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampleId :

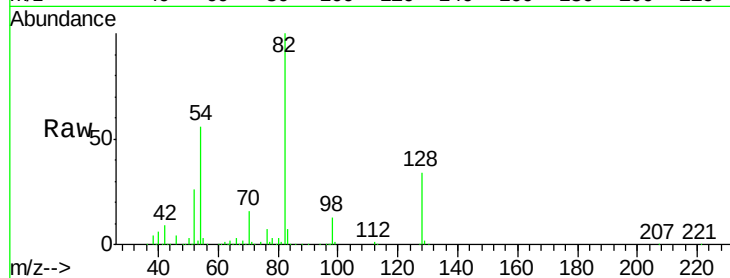
Tot Ion: 82 Resp: 750300

Ion Ratio Lower Upper

82 100

128 34.1 32.8 49.2

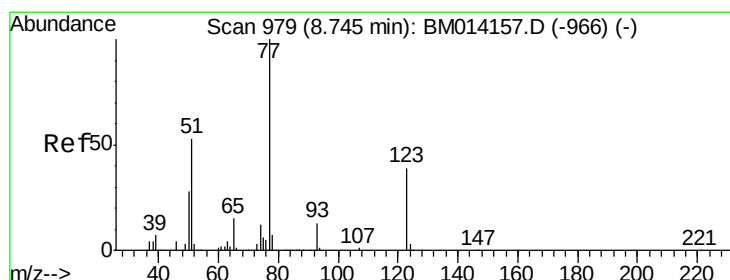
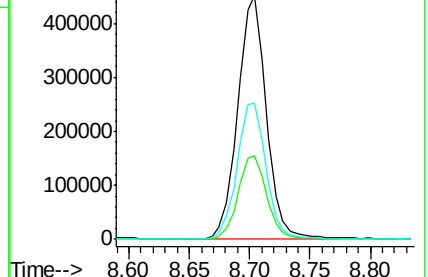
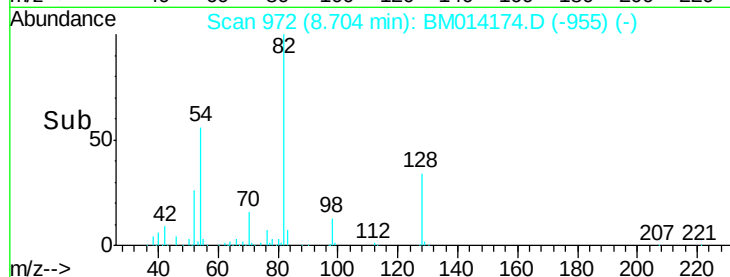
54 56.1 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BM014157.D (-964) (-)

Ion 128.00 (127.70 to 128.70): BM014157.D (-964) (-)

Ion 54.00 (53.70 to 54.70): BM014157.D (-964) (-)



#24

Nitrobenzene

Concen: 4.86 ng

RT: 8.75 min Scan# 979

Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

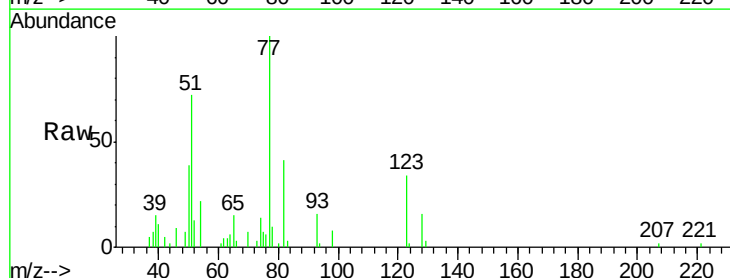
Tgt Ion: 77 Resp: 38759

Ion Ratio Lower Upper

77 100

123 33.8 32.6 49.0

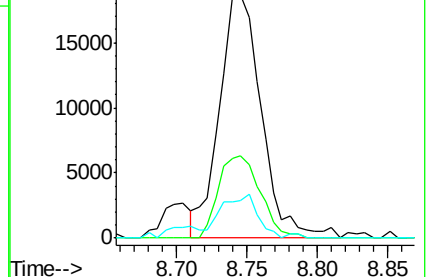
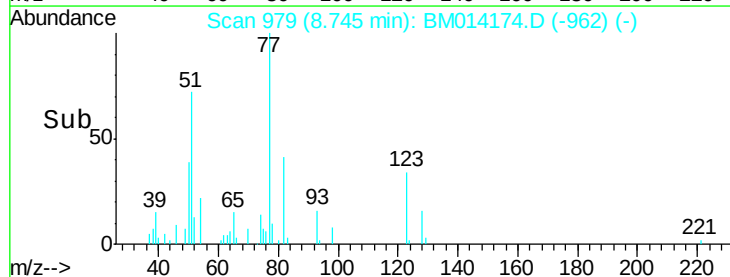
65 15.3 10.9 16.3

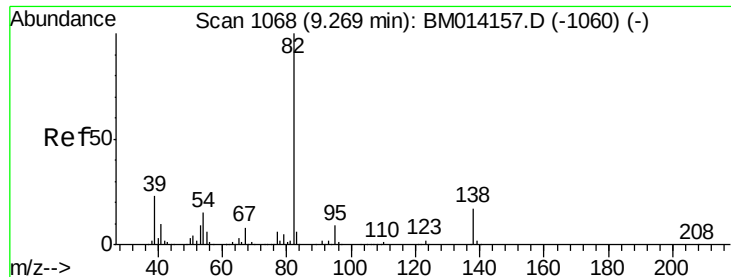


Abundance Ion 77.00 (76.70 to 77.70): BM014157.D (-966) (-)

Ion 123.00 (122.70 to 123.70): BM014157.D (-966) (-)

Ion 65.00 (64.70 to 65.70): BM014157.D (-966) (-)





#25

Isophorone

Concen: 4.60 ng

RT: 9.26 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampleId :

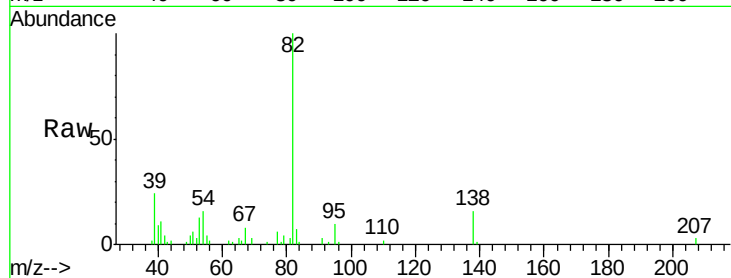
Tot Ion: 82 Resp: 59088

Ion Ratio Lower Upper

82 100

95 10.3 5.8 8.6#

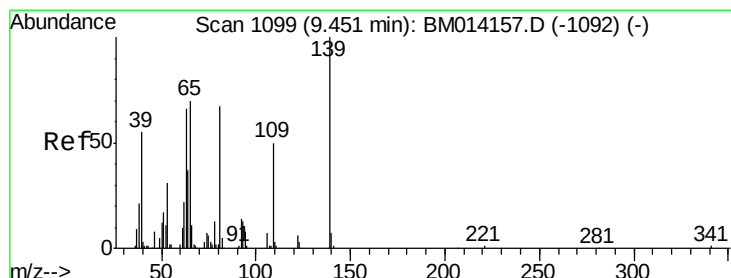
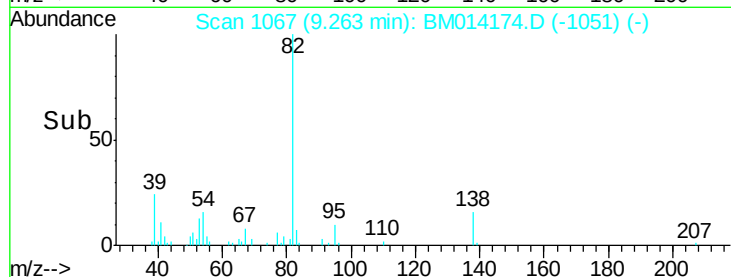
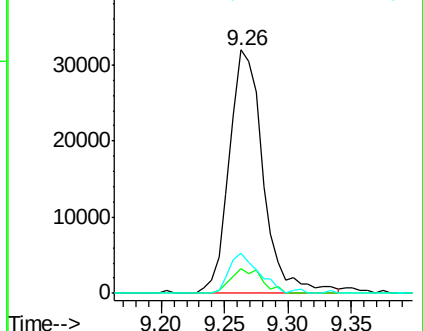
138 16.2 16.3 24.5#



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: 3.85 ng

RT: 9.46 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

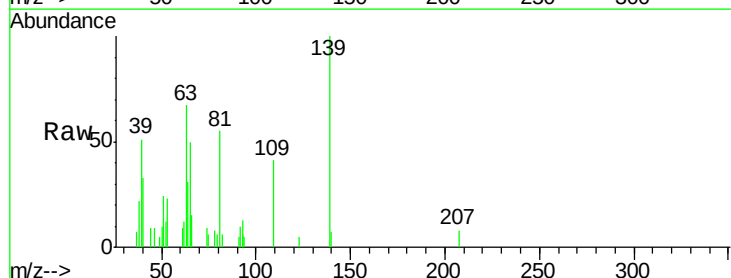
Tgt Ion: 139 Resp: 11578

Ion Ratio Lower Upper

139 100

109 41.1 20.1 30.1#

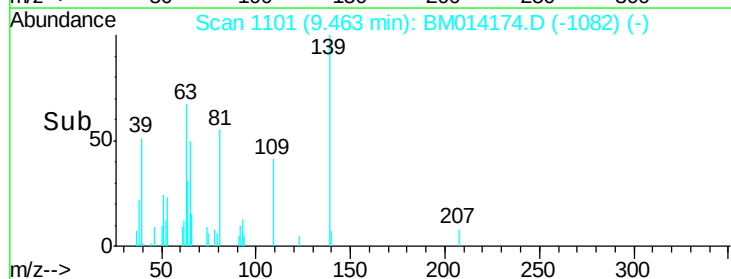
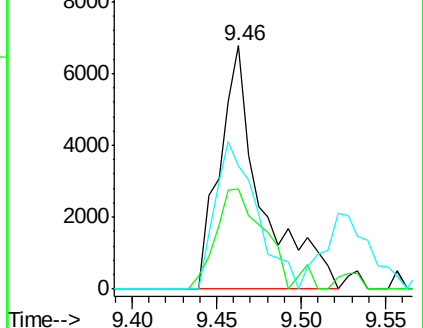
65 50.4 31.5 47.3#

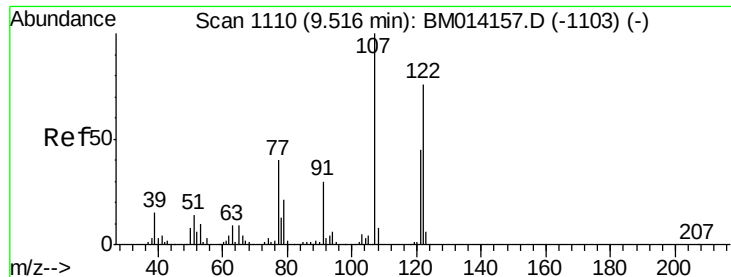


Abundance Ion 139.00 (138.70 to 139.70): BM014157.D (-1092) (-)

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: 3.96 ng

RT: 9.52 min Scan# 1111

Delta R.T. 0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampleId :

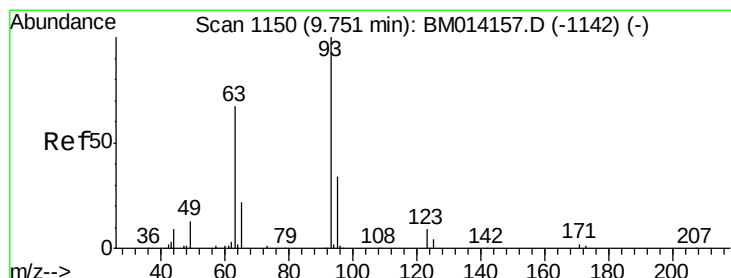
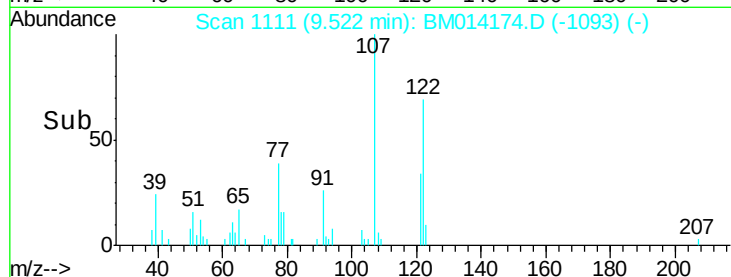
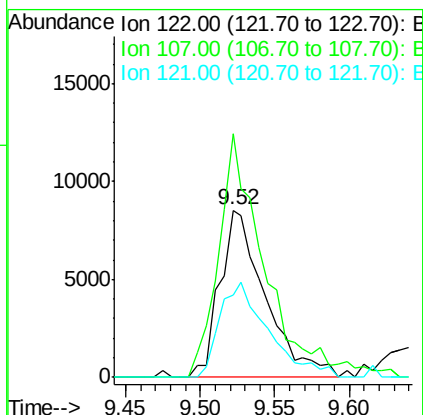
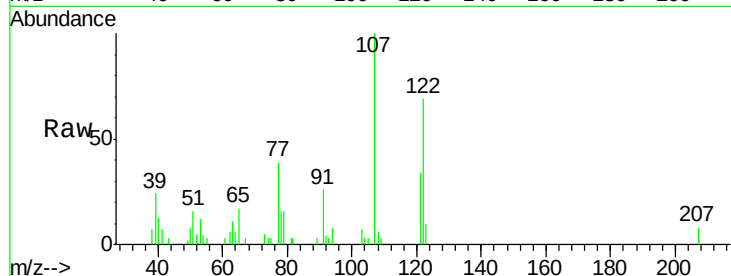
Tot Ion:122 Resp: 18143

Ion Ratio Lower Upper

122 100

107 145.7 84.7 127.1#

121 48.9 46.6 69.8



#28

bis(2-Chloroethoxy)methane

Concen: 4.18 ng

RT: 9.76 min Scan# 1151

Delta R.T. 0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

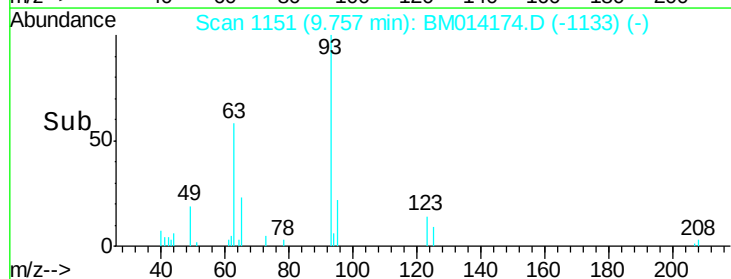
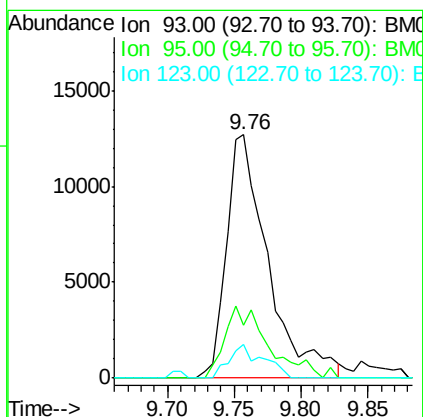
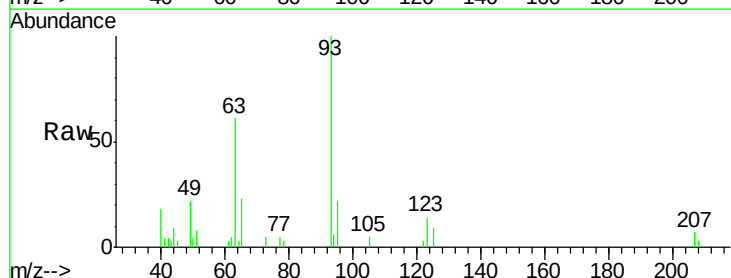
Tgt Ion: 93 Resp: 27498

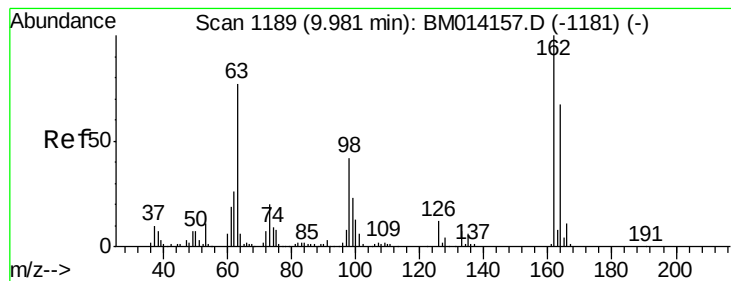
Ion Ratio Lower Upper

93 100

95 21.8 25.5 38.3#

123 14.0 8.6 13.0#





#29

2,4-Dichlorophenol

Concen: 3.43 ng

RT: 10.02 min Scan# 1196

Delta R.T. 0.04 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampleId :

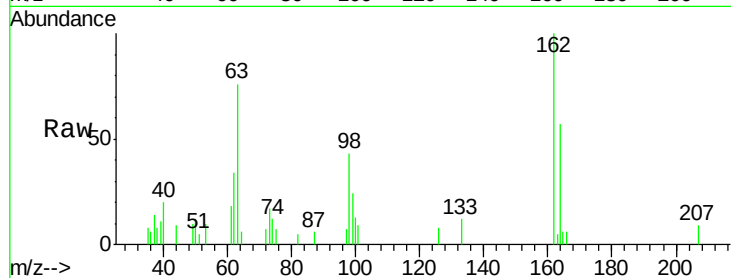
Tot Ion:162 Resp: 17571

Ion Ratio Lower Upper

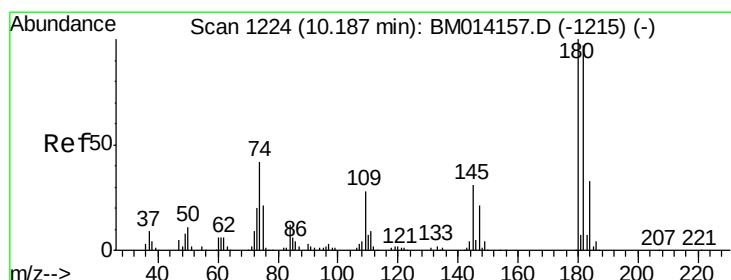
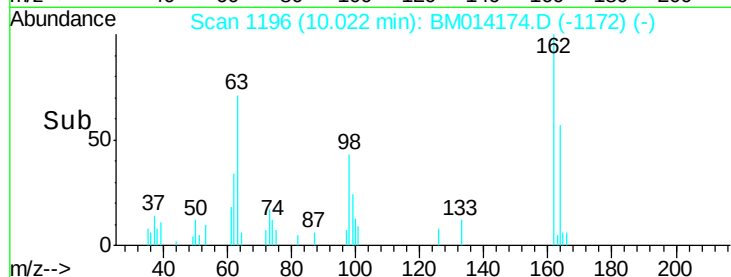
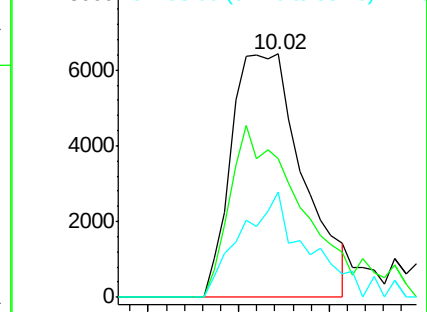
162 100

164 57.1 42.8 82.8

98 43.0 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: 4.12 ng

RT: 10.19 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

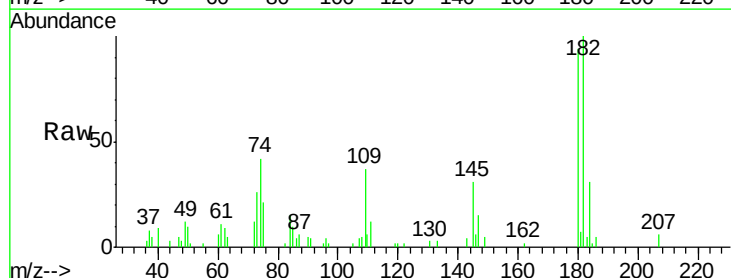
Tgt Ion:180 Resp: 27836

Ion Ratio Lower Upper

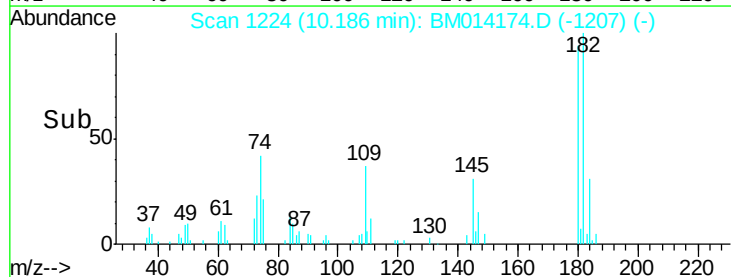
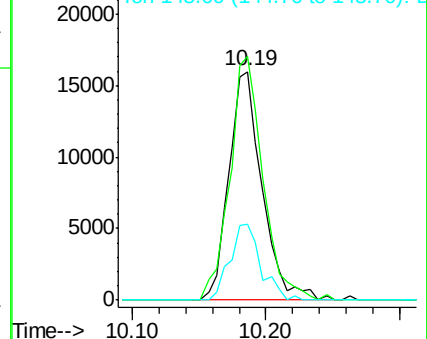
180 100

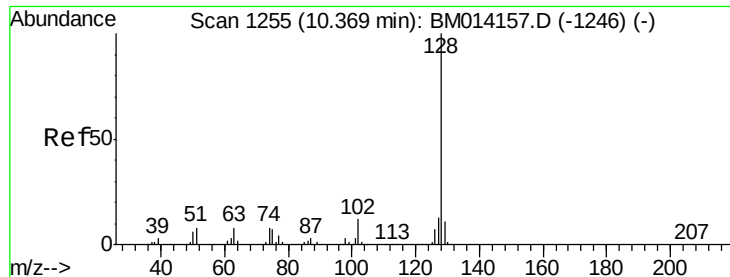
182 106.6 77.6 116.4

145 33.2 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

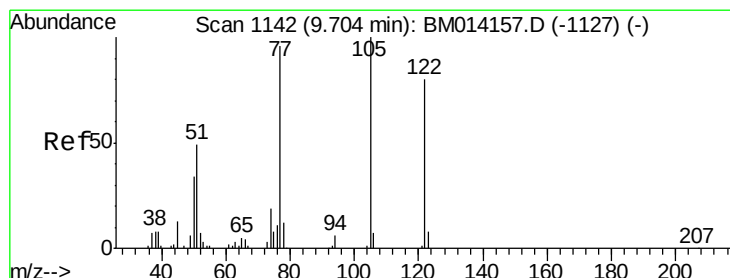
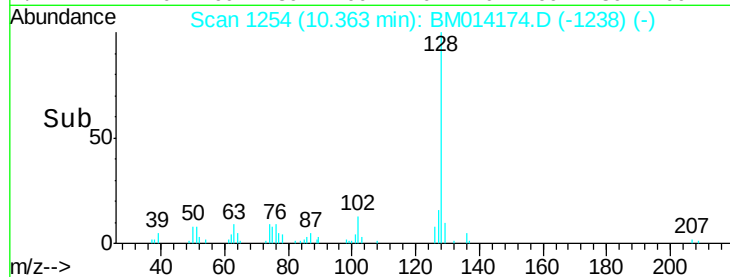
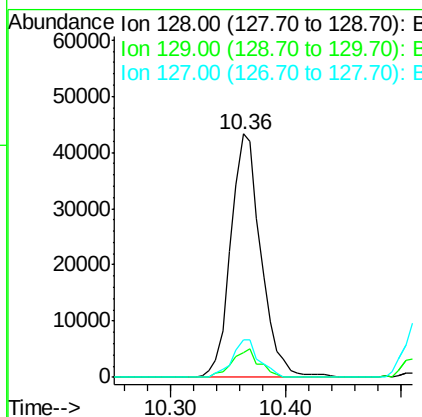
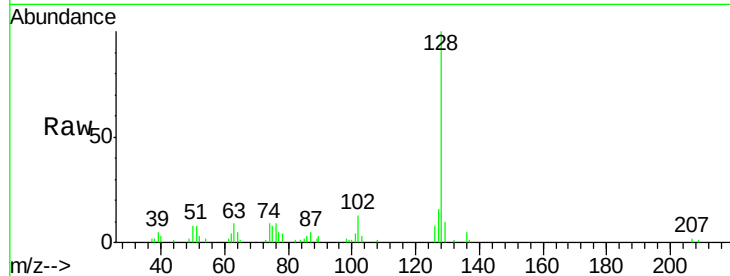




#31
Naphthalene
Concen: 4.15 ng
RT: 10.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

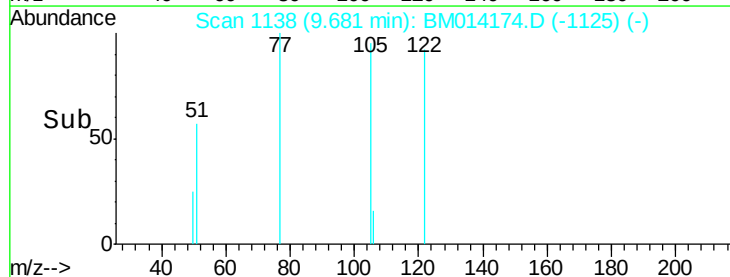
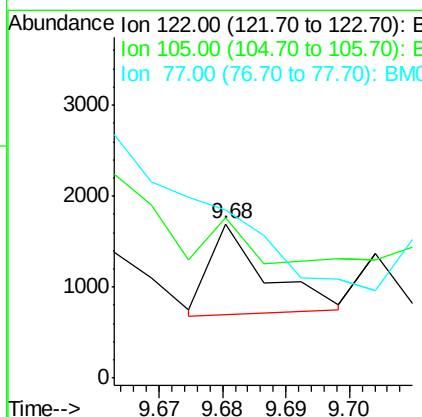
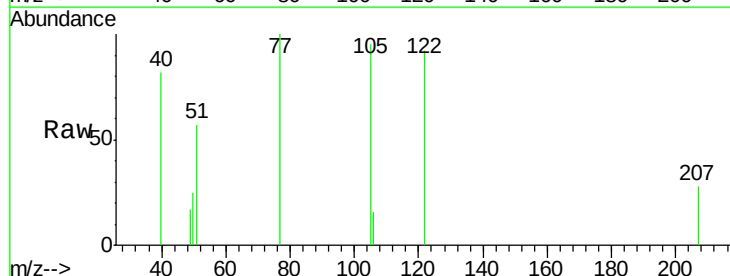
Instrument :
BNA_M
ClientSampled :

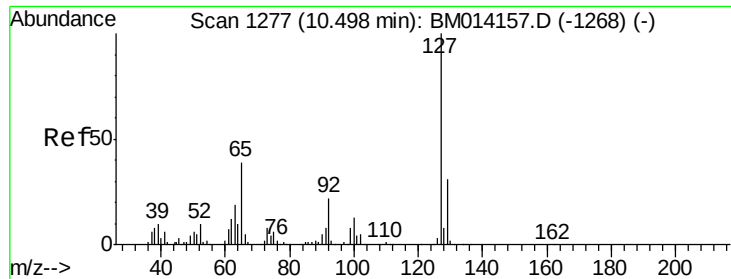
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.4	8.9	13.3
127	15.5	10.4	15.6



#32
Benzoic acid
Concen: 6.32 ng
RT: 9.68 min Scan# 1138
Delta R.T. -0.02 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	103.6	99.9	139.9
77	108.8	73.7	113.7

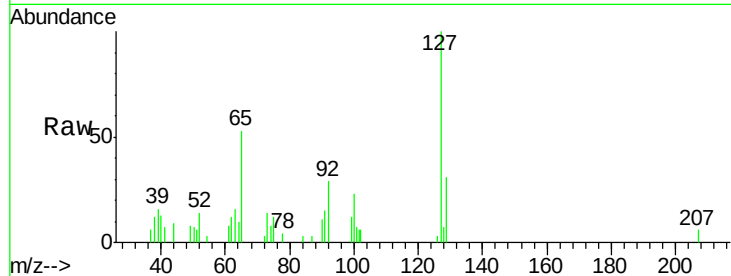




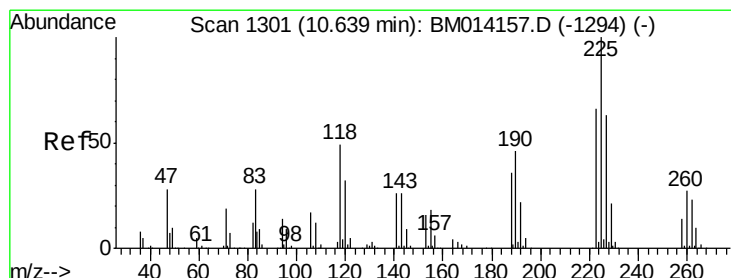
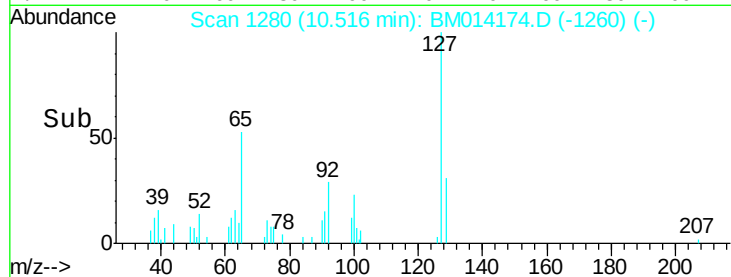
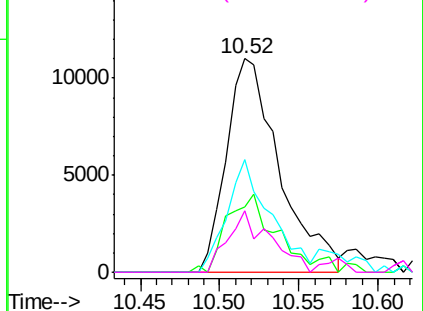
#33
4-Chloroaniline
Concen: 3.25 ng
RT: 10.52 min Scan# 1280
Delta R.T. 0.02 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

Instrument :
BNA_M
ClientSampleId :

Tot Ion:127	Resp:	25581
Ion Ratio	Lower	Upper
127	100	
129	30.5	25.3 37.9
65	52.7	17.6 26.4
92	28.9	13.1 19.7

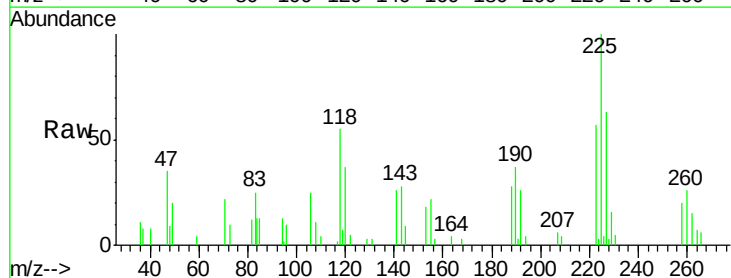


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

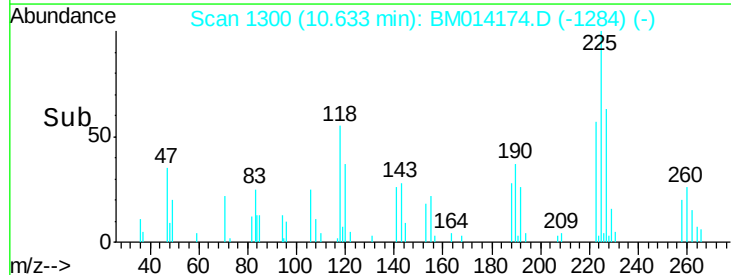
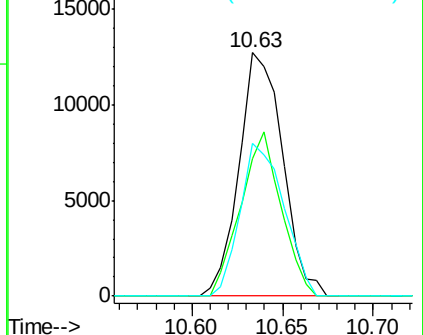


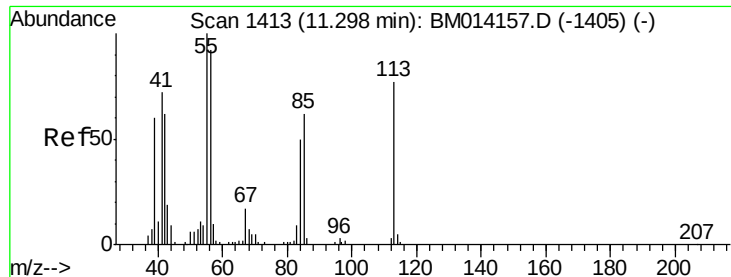
#34
Hexachlorobutadiene
Concen: 4.61 ng
RT: 10.63 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

Tgt Ion:225	Resp:	21355
Ion Ratio	Lower	Upper
225	100	
223	56.6	47.9 71.9
227	62.9	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: 2.90 ng

RT: 11.29 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampled :

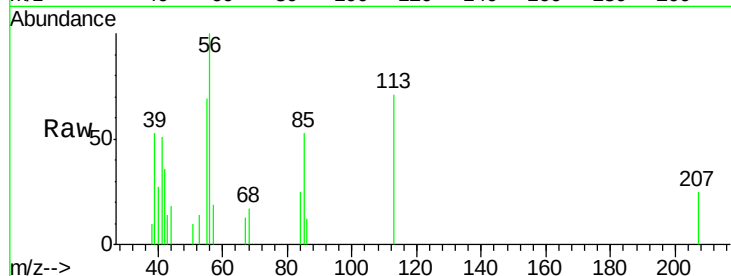
Tot Ion:113 Resp: 5317

Ion Ratio Lower Upper

113 100

55 97.0 145.9 185.9#

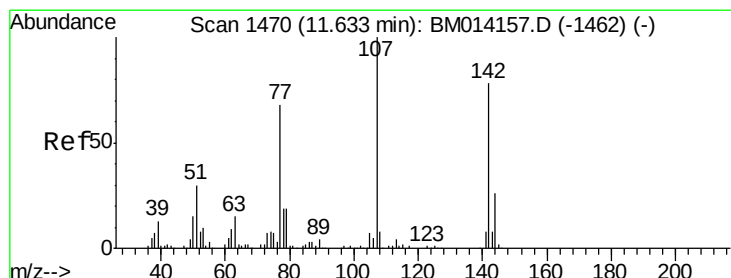
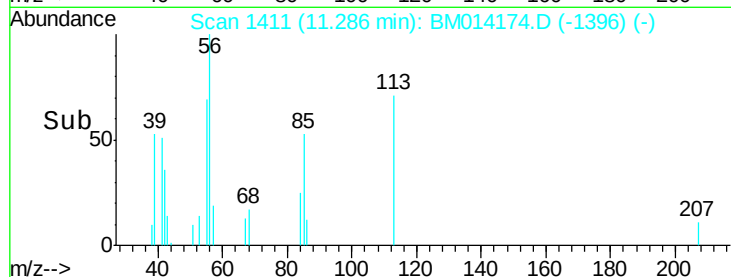
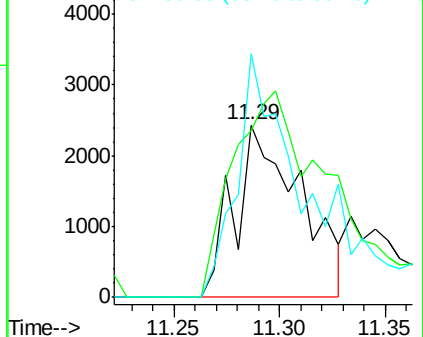
56 141.1 101.0 141.0#



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: 3.75 ng

RT: 11.65 min Scan# 1472

Delta R.T. 0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

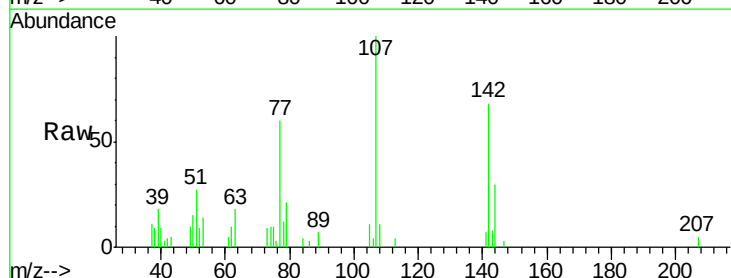
Tgt Ion:107 Resp: 23819

Ion Ratio Lower Upper

107 100

144 29.7 23.3 34.9

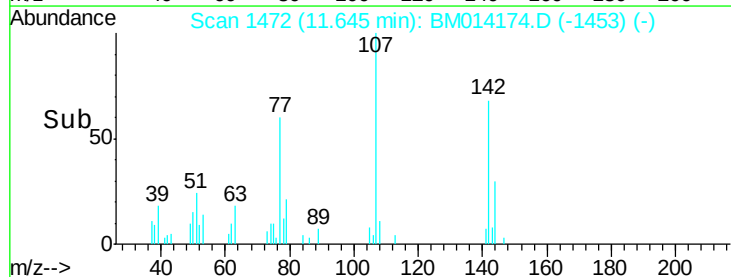
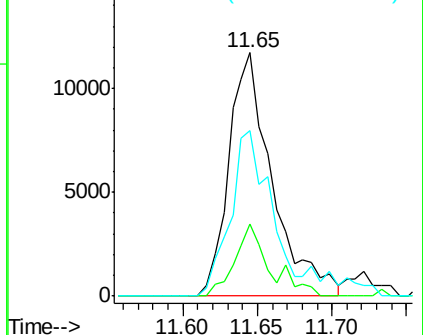
142 68.0 72.6 109.0#

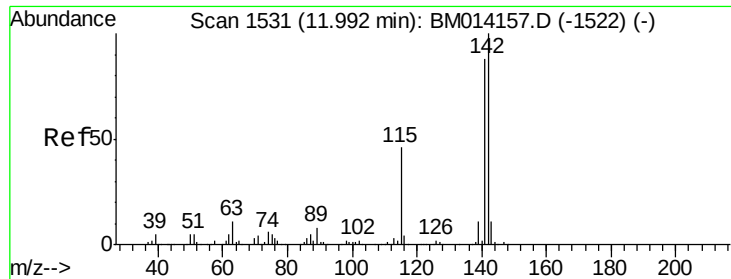


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

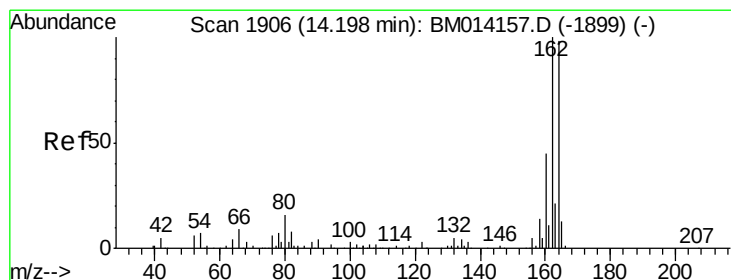
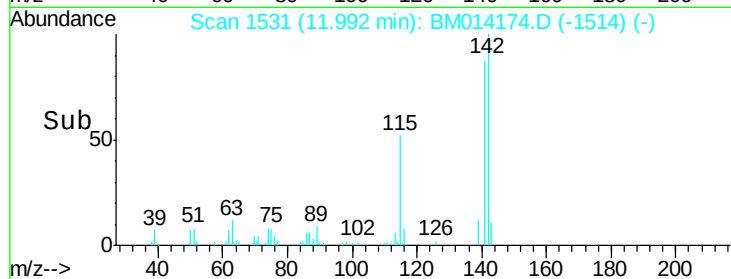
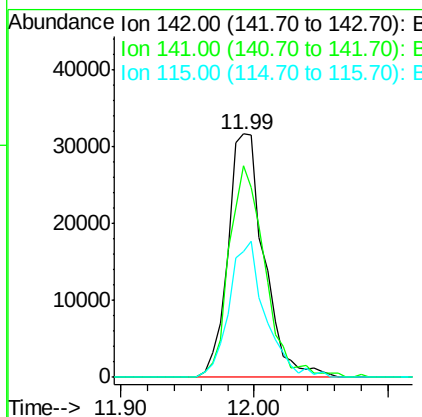
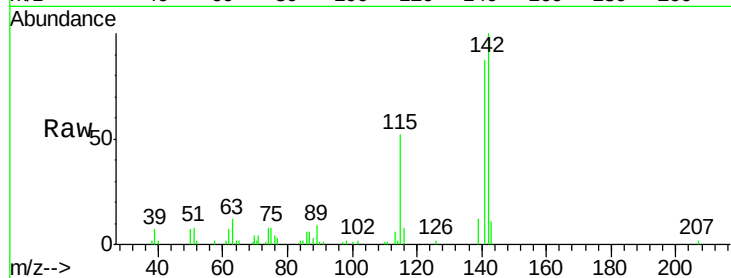




#37
 2-Methylnaphthalene
 Concen: 4.20 ng
 RT: 11.99 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BM014174.D
 Acq: 07 Feb 2018 23:06

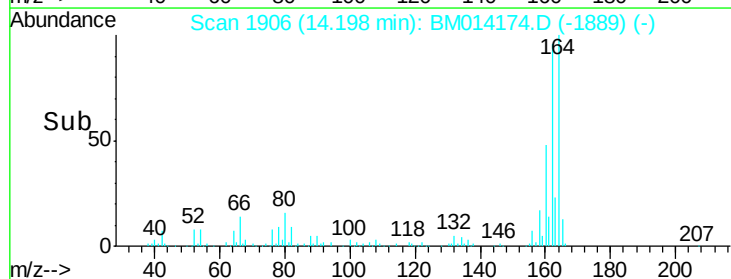
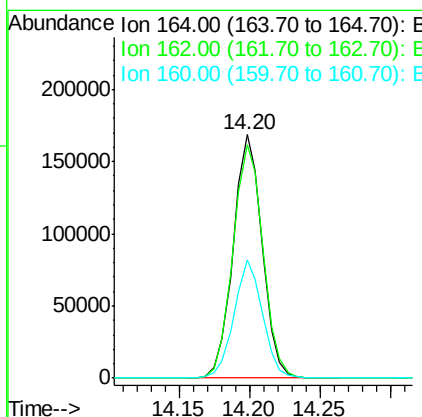
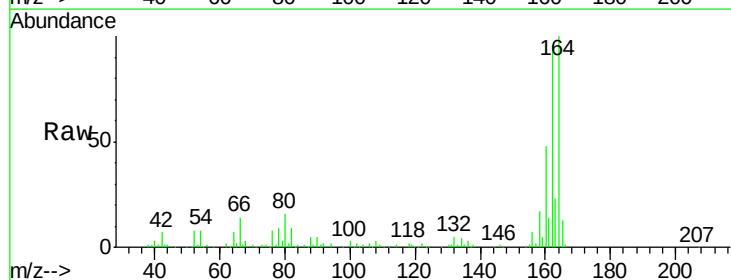
Instrument :
 BNA_M
 ClientSampleId :

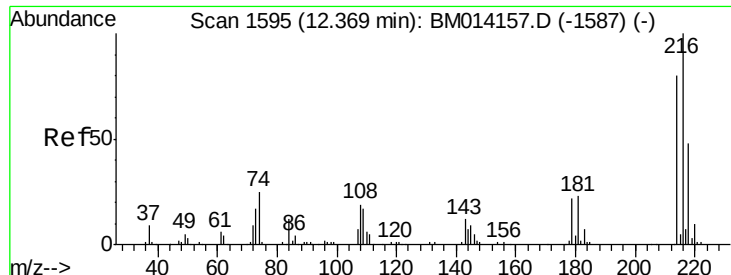
Tot Ion:142 Resp: 59917
 Ion Ratio Lower Upper
 142 100
 141 86.9 71.9 107.9
 115 51.9 25.4 38.0#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.20 min Scan# 1906
 Delta R.T. -0.00 min
 Lab File: BM014174.D
 Acq: 07 Feb 2018 23:06

Tgt Ion:164 Resp: 240244
 Ion Ratio Lower Upper
 164 100
 162 95.8 82.4 123.6
 160 48.4 35.8 53.6

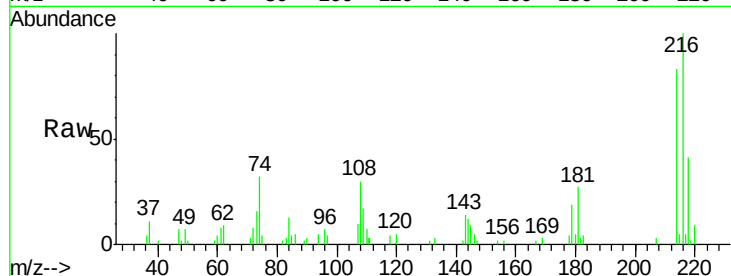




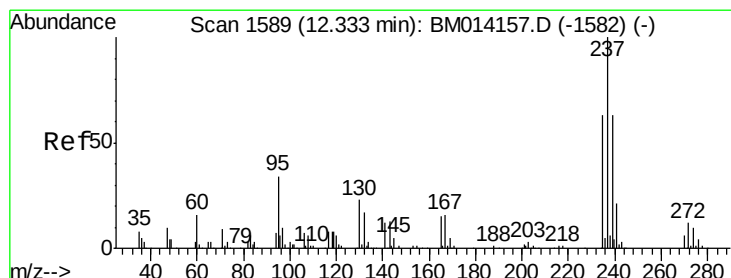
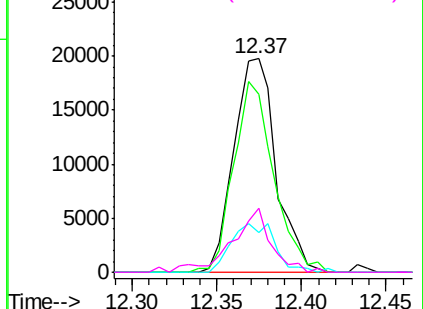
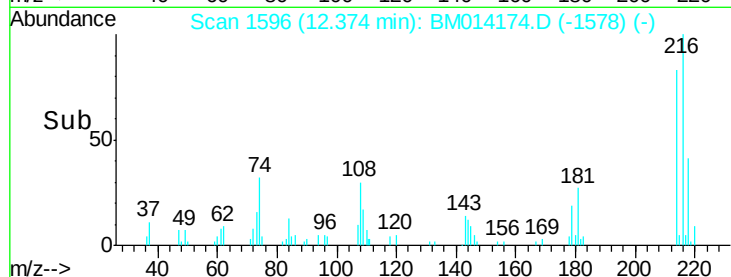
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.08 ng
 RT: 12.37 min Scan# 1596
 Delta R.T. 0.01 min
 Lab File: BM014174.D
 Acq: 07 Feb 2018 23:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:216 Resp: 34360
 Ion Ratio Lower Upper
 216 100
 214 85.0 0.0 0.0#
 179 24.0 0.0 0.0#
 108 28.2 0.0 0.0#

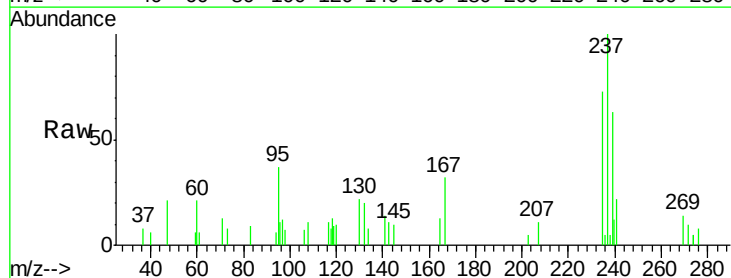


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

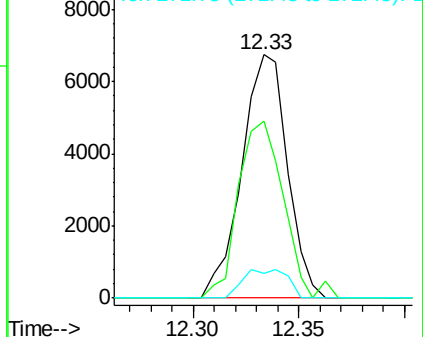
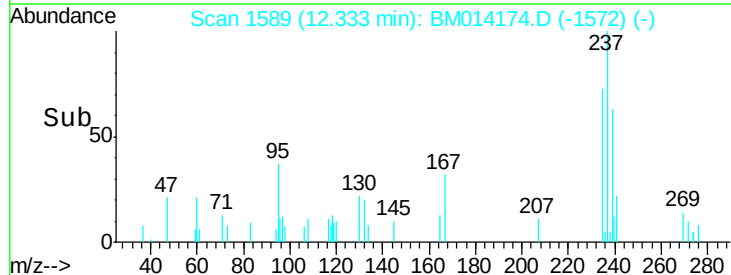


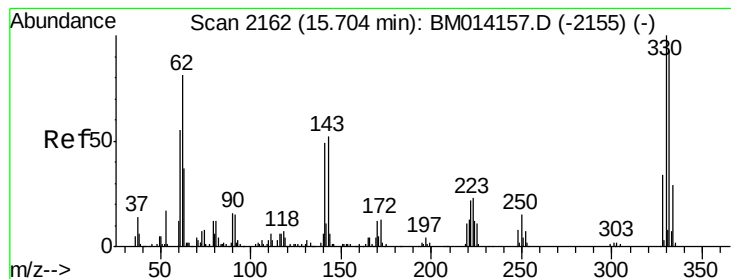
#40
 Hexachlorocyclopentadiene
 Concen: 8.06 ng
 RT: 12.33 min Scan# 1589
 Delta R.T. 0.00 min
 Lab File: BM014174.D
 Acq: 07 Feb 2018 23:06

Tgt Ion:237 Resp: 10099
 Ion Ratio Lower Upper
 237 100
 235 72.6 42.0 82.0
 272 10.2 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: 141.84 ng

RT: 15.70 min Scan# 2162

Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampled :

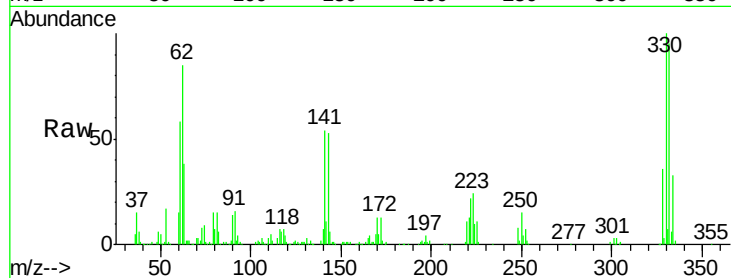
Tot Ion:330 Resp: 483517

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

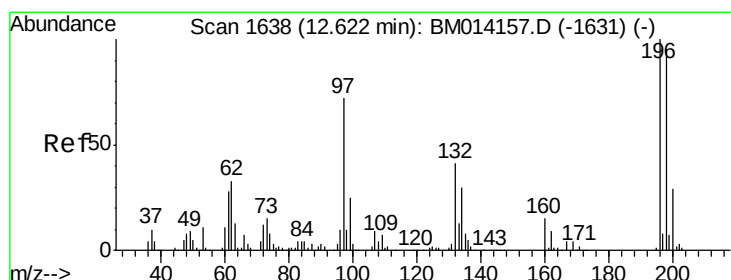
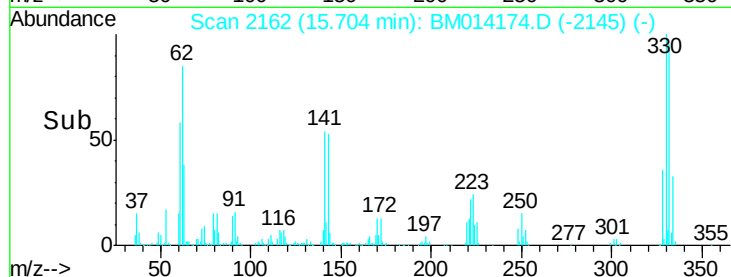
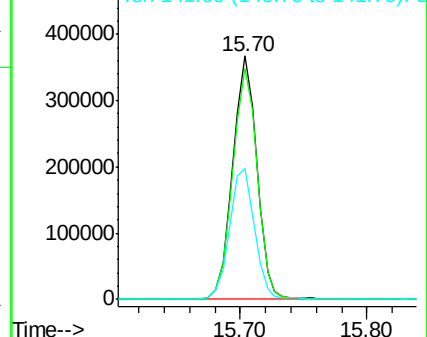
141 55.9 0.0 0.0#



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: 3.84 ng

RT: 12.63 min Scan# 1640

Delta R.T. 0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

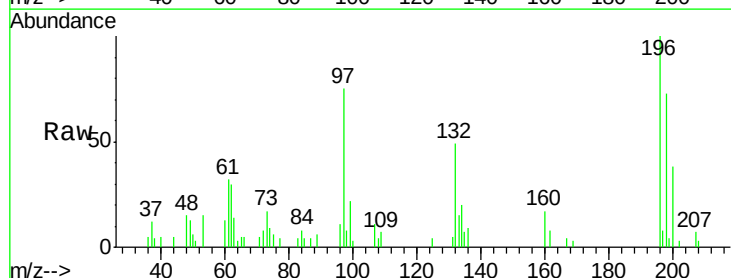
Tgt Ion:196 Resp: 18985

Ion Ratio Lower Upper

196 100

198 73.3 76.3 114.5#

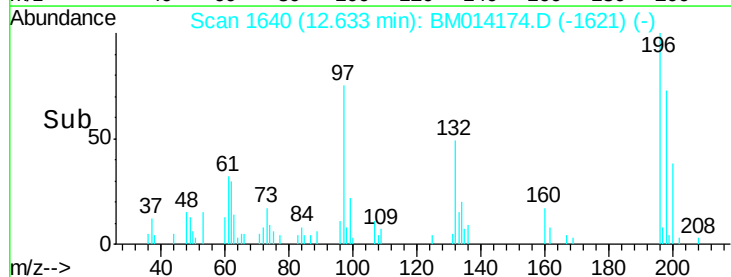
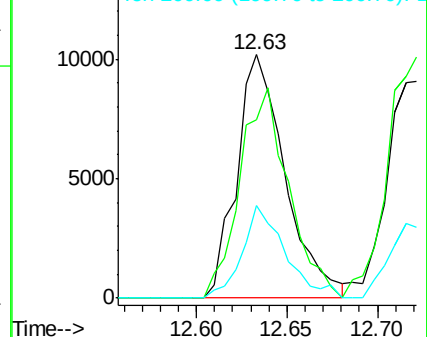
200 38.2 25.6 38.4

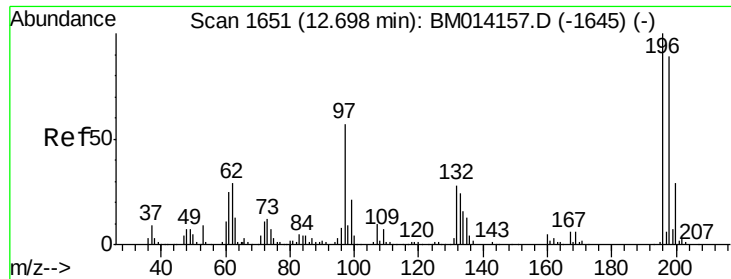


Abundance Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E

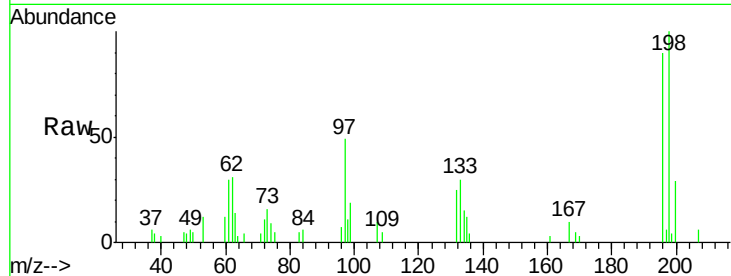




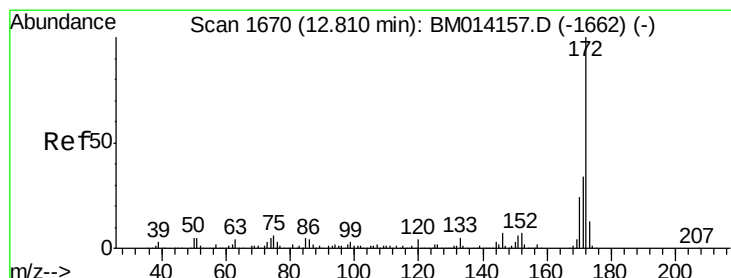
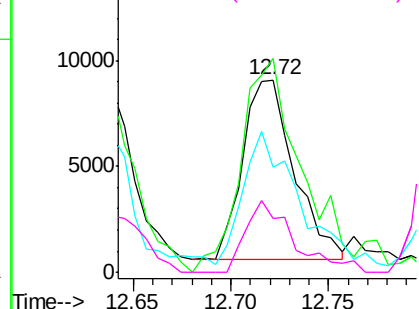
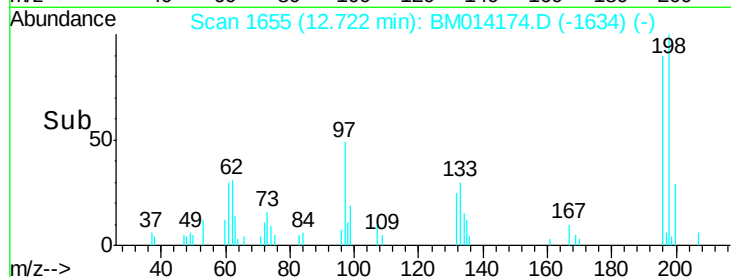
#43
 2,4,5-Trichlorophenol
 Concen: 2.83 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. 0.02 min
 Lab File: BM014174.D
 Acq: 07 Feb 2018 23:06

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:196 Resp: 15476
 Ion Ratio Lower Upper
 196 100
 198 116.0 79.4 119.0
 97 54.3 26.8 40.2#
 132 27.9 18.6 28.0

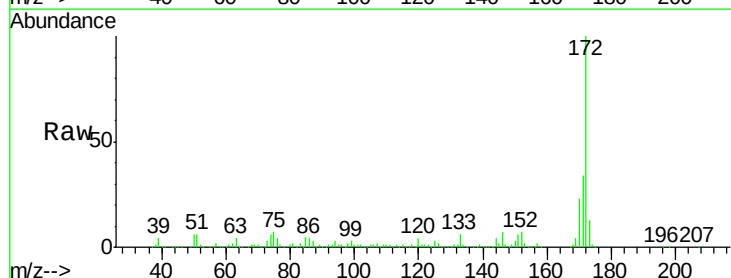


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BMO
 Ion 132.00 (131.70 to 132.70): E

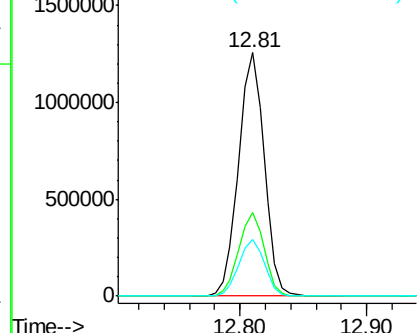
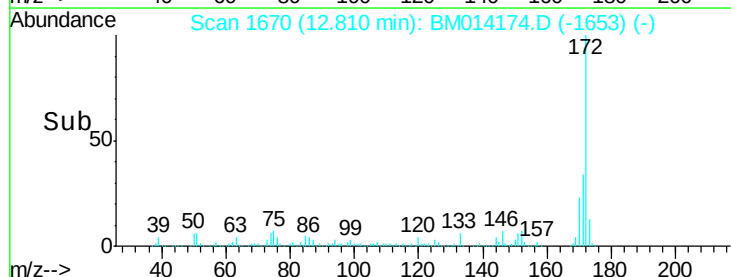


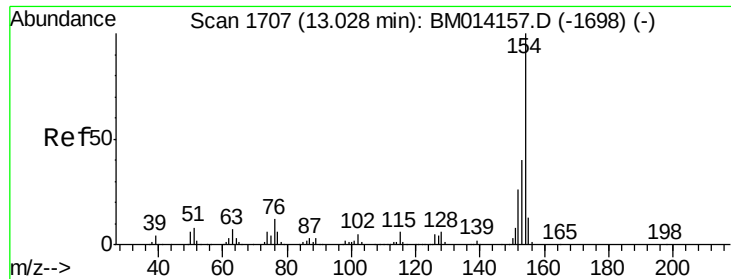
#44
 2-Fluorobiphenyl
 Concen: 91.32 ng
 RT: 12.81 min Scan# 1670
 Delta R.T. -0.00 min
 Lab File: BM014174.D
 Acq: 07 Feb 2018 23:06

Tgt Ion:172 Resp: 1757434
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.5 42.7
 170 23.3 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

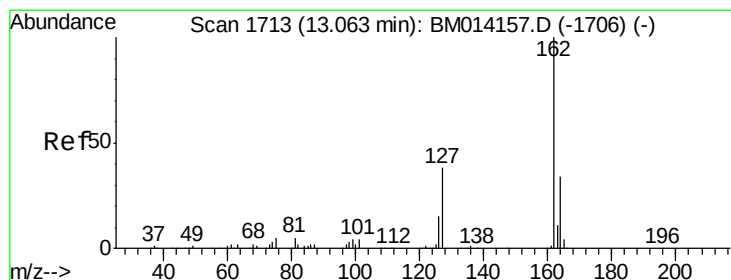
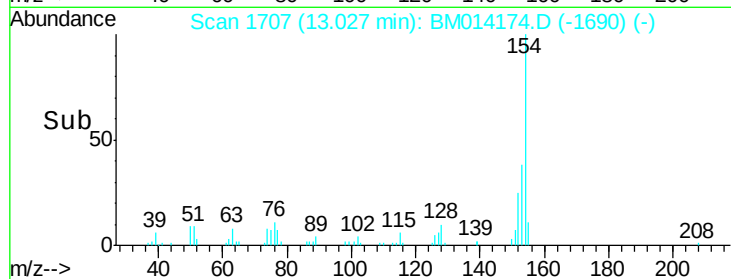
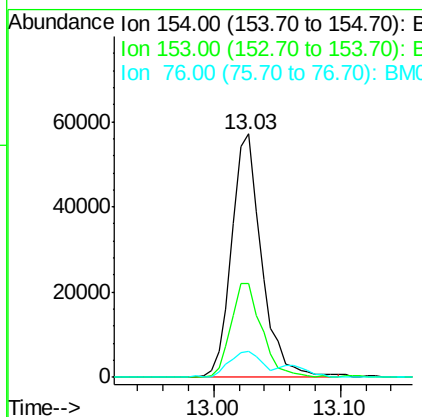
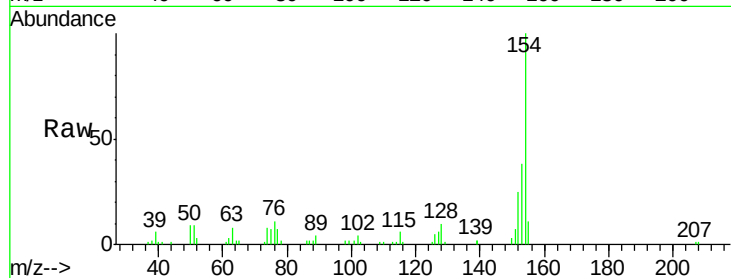




#45
 1,1'-Biphenyl
 Concen: 4.48 ng
 RT: 13.03 min Scan# 1707
 Delta R.T. -0.00 min
 Lab File: BM014174.D
 Acq: 07 Feb 2018 23:06

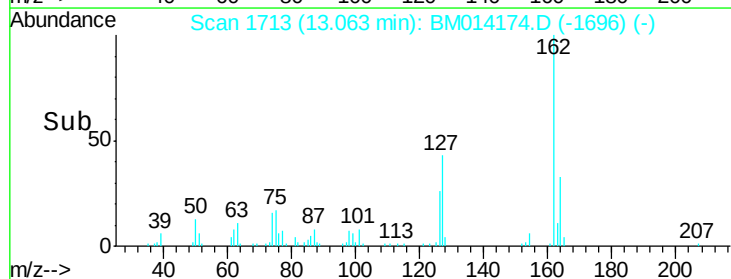
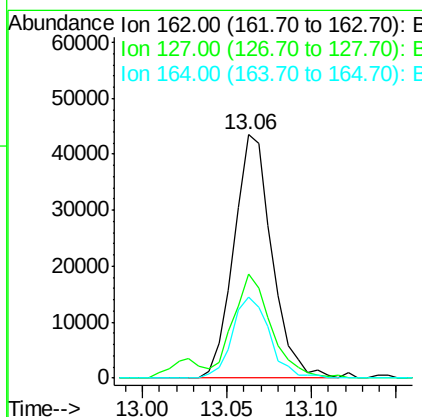
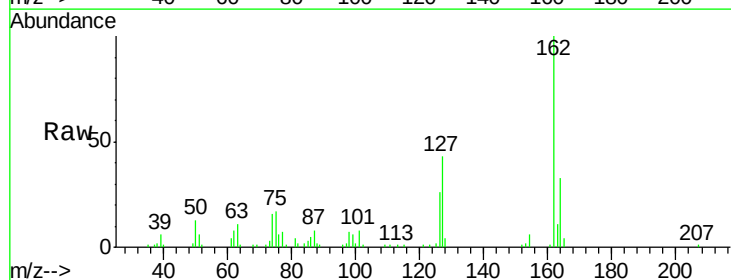
Instrument :
 BNA_M
 ClientSampleId :

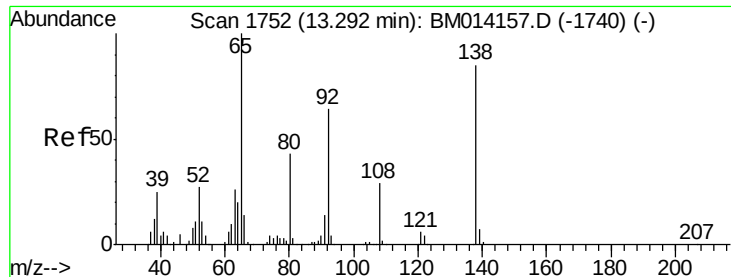
Tot Ion	154	Resp	93293
Ion Ratio	100	Lower	Upper
153	38.5	20.7	60.7
76	10.7	0.0	30.9



#46
 2-Chloronaphthalene
 Concen: 4.31 ng
 RT: 13.06 min Scan# 1713
 Delta R.T. -0.00 min
 Lab File: BM014174.D
 Acq: 07 Feb 2018 23:06

Tgt Ion	162	Resp	68020
Ion Ratio	100	Lower	Upper
127	43.0	26.9	40.3#
164	33.2	26.8	40.2





#47

2-Nitroaniline

Concen: 3.65 ng

RT: 13.31 min Scan# 1755

Delta R.T. 0.02 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampled :

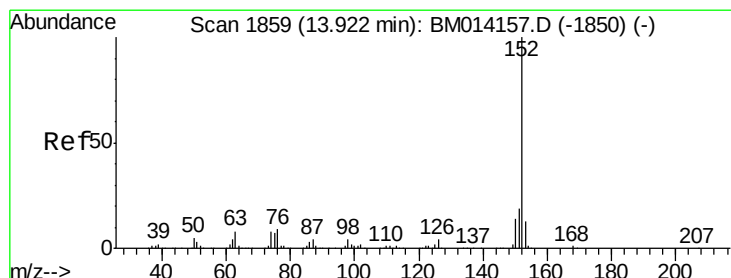
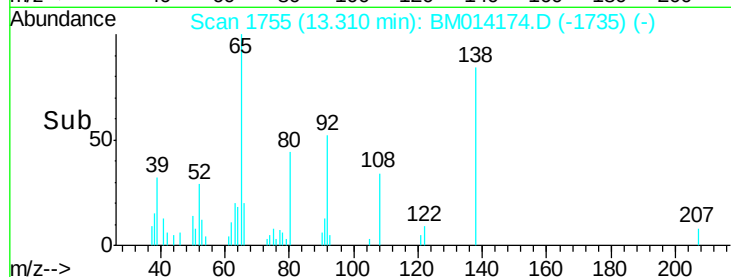
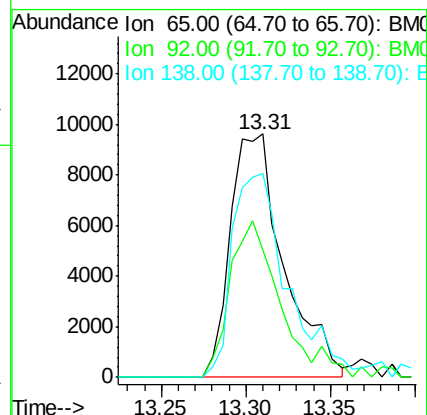
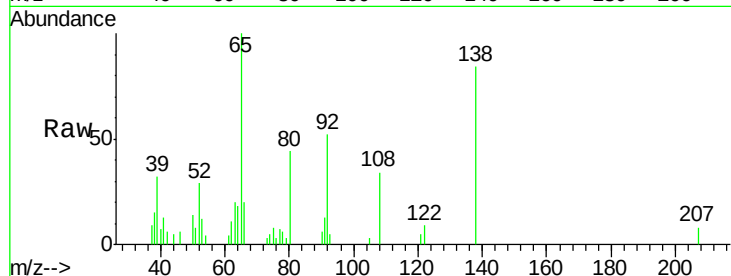
Tot Ion: 65 Resp: 21236

Ion Ratio Lower Upper

65 100

92 52.4 59.1 88.7#

138 83.6 93.9 140.9#



#48

Acenaphthylene

Concen: 4.18 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

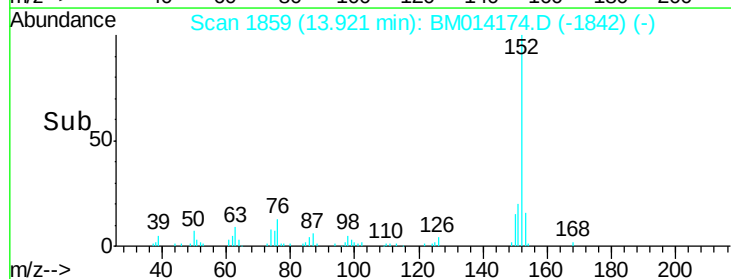
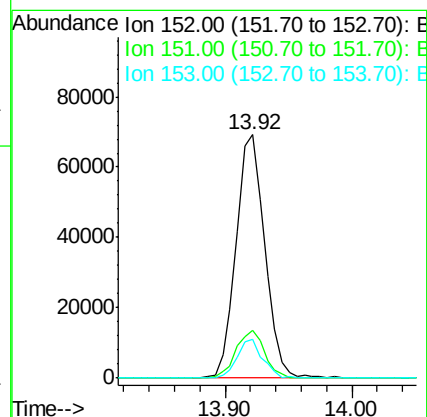
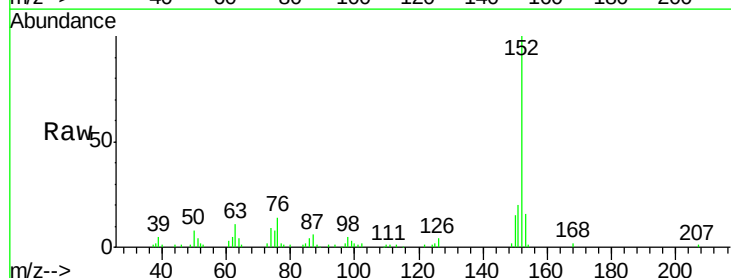
Tgt Ion: 152 Resp: 108249

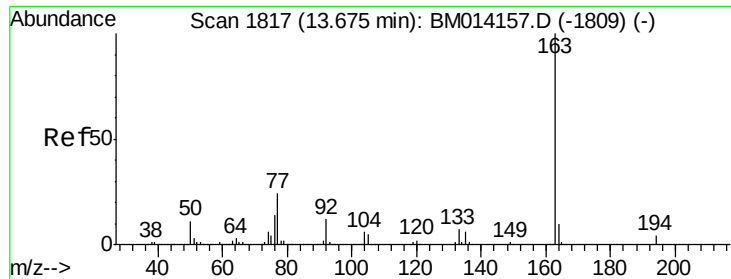
Ion Ratio Lower Upper

152 100

151 19.8 15.9 23.9

153 15.8 10.6 16.0





#49

Dimethylphthalate

Concen: 4.47 ng

RT: 13.67 min Scan# 1816

Delta R.T. -0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampleId :

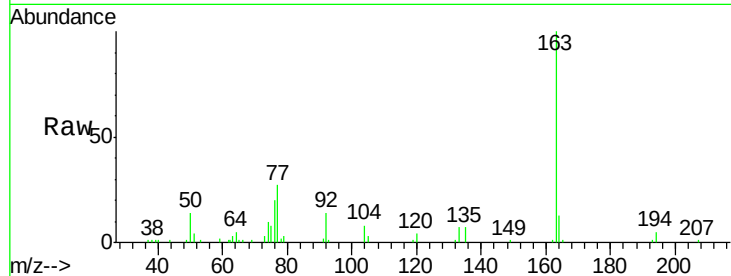
Tot Ion:163 Resp: 96194

Ion Ratio Lower Upper

163 100

194 4.5 2.7 4.1#

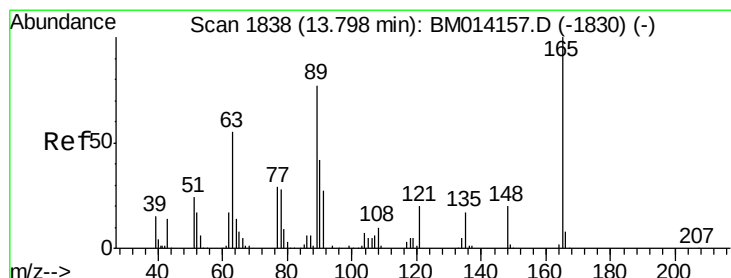
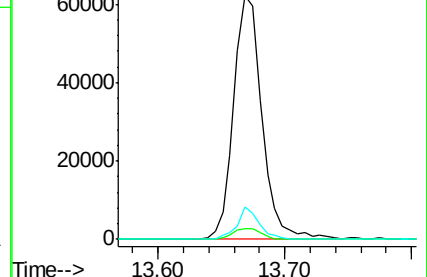
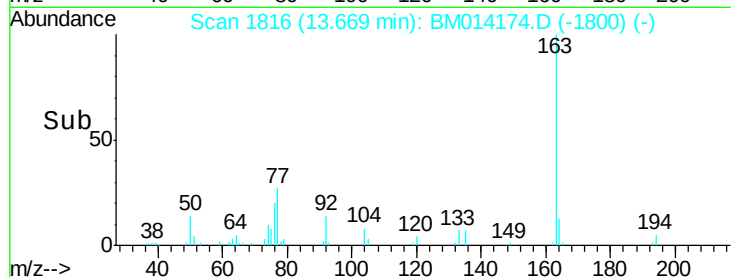
164 13.1 8.2 12.2#



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: 4.14 ng

RT: 13.80 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

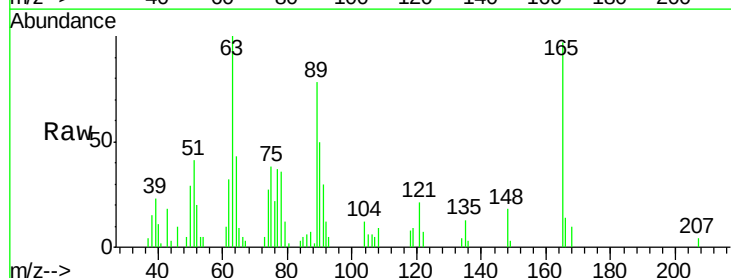
Tgt Ion:165 Resp: 18270

Ion Ratio Lower Upper

165 100

63 102.6 44.1 66.1#

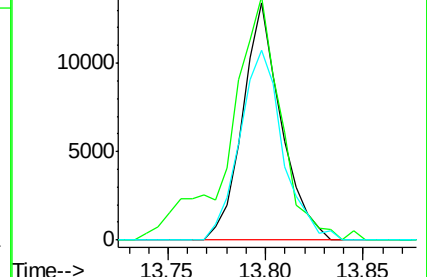
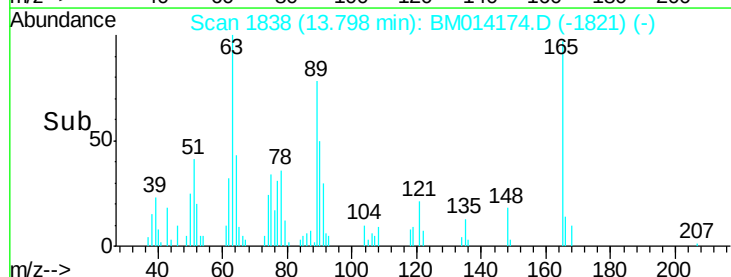
89 79.9 44.3 66.5#

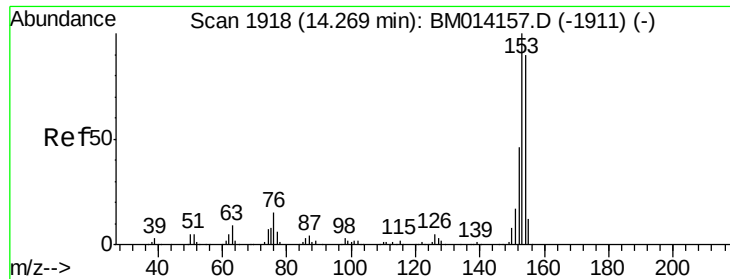


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM0

Ion 89.00 (88.70 to 89.70): BM0





#51

Acenaphthene

Concen: 4.42 ng

RT: 14.26 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampleId :

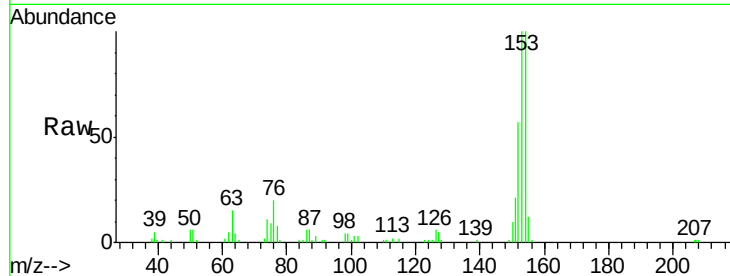
Tot Ion:154 Resp: 70599

Ion Ratio Lower Upper

154 100

153 100.5 90.0 135.0

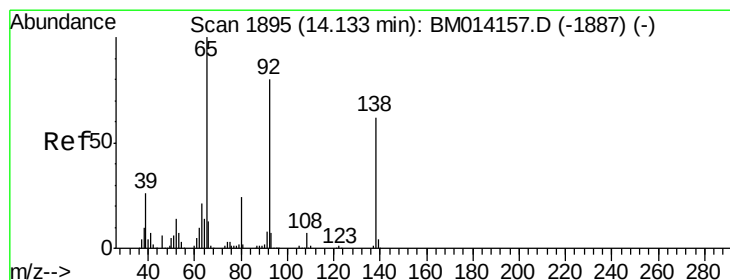
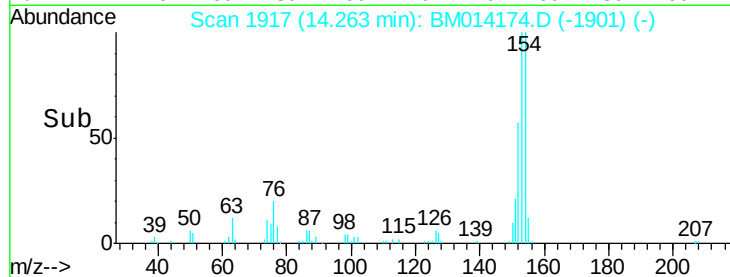
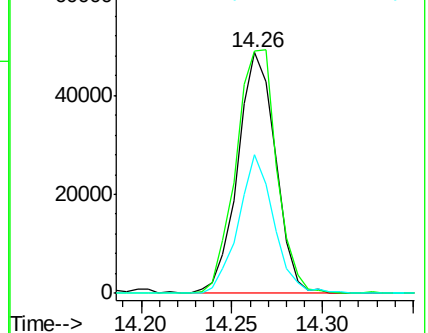
152 57.3 42.6 63.8



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: 3.08 ng

RT: 14.14 min Scan# 1897

Delta R.T. 0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

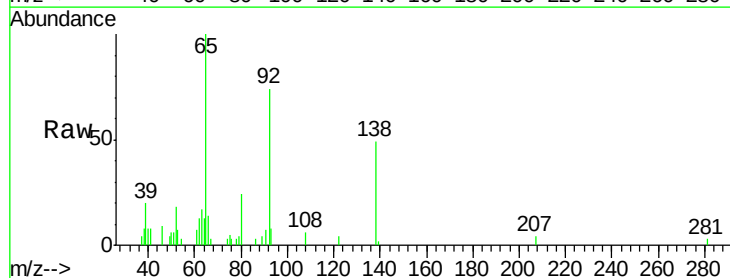
Tgt Ion:138 Resp: 14069

Ion Ratio Lower Upper

138 100

108 13.0 7.3 10.9#

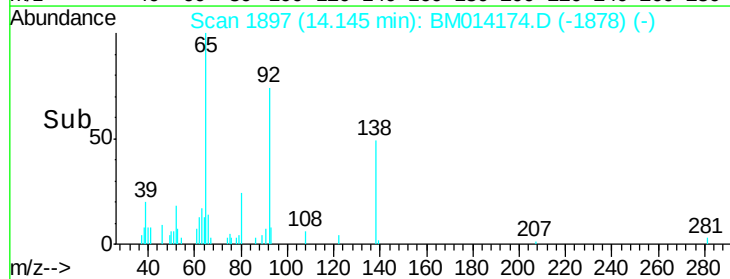
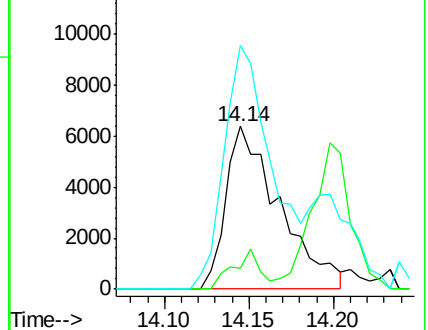
92 149.6 76.6 114.8#

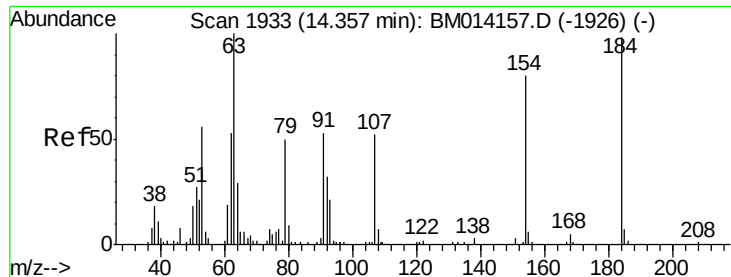


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): E





#53

2,4-Dinitrophenol

Concen: 8.20 ng

RT: 14.39 min Scan# 1939

Delta R.T. 0.04 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampleId :

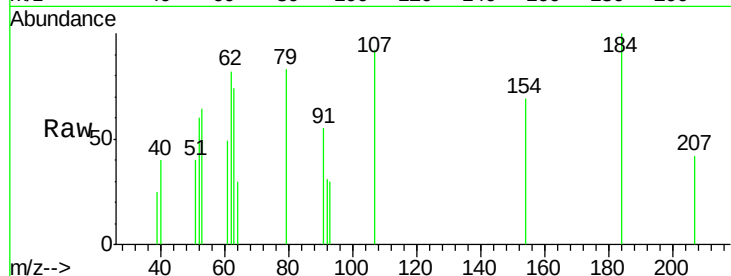
Tot Ion:184 Resp: 1467

Ion Ratio Lower Upper

184 100

63 73.6 69.2 103.8

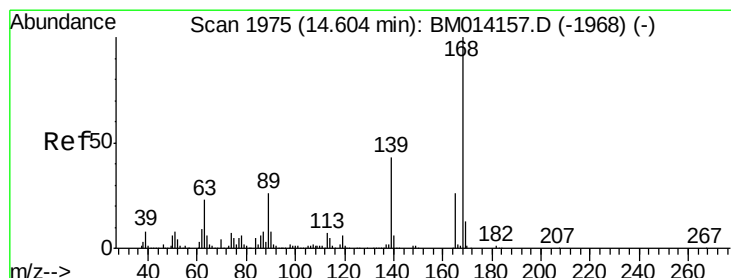
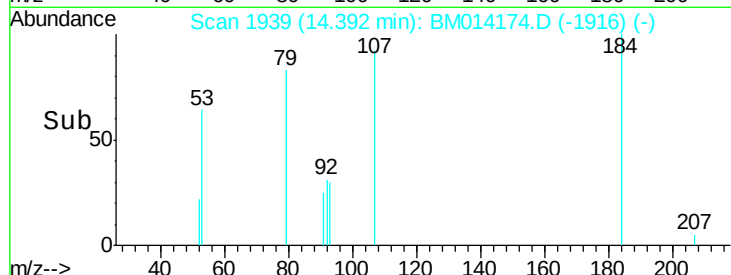
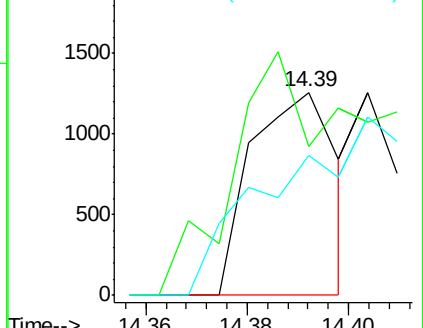
154 68.8 53.3 79.9



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: 4.26 ng

RT: 14.60 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

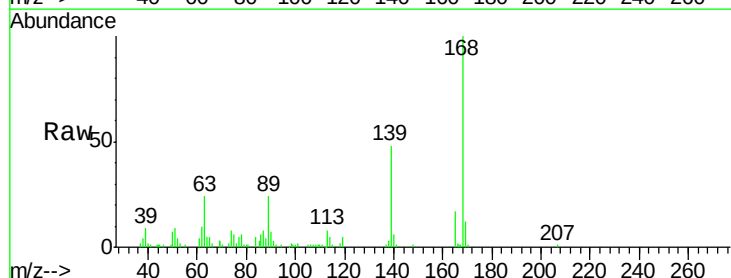
Tgt Ion:168 Resp: 106345

Ion Ratio Lower Upper

168 100

139 47.9 27.3 40.9#

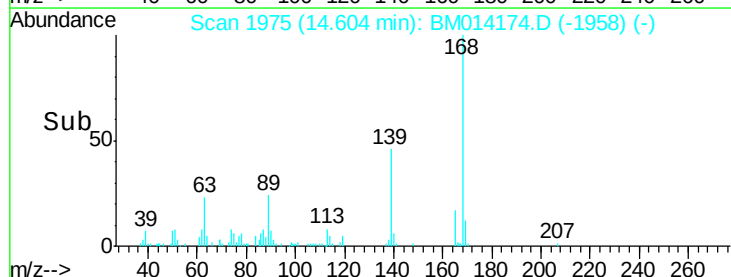
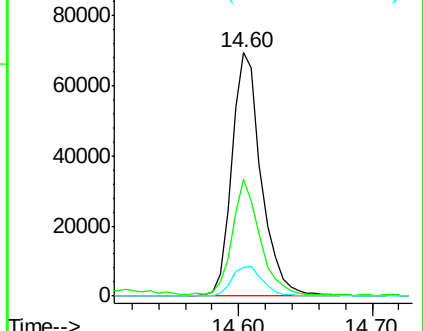
169 11.9 10.6 16.0

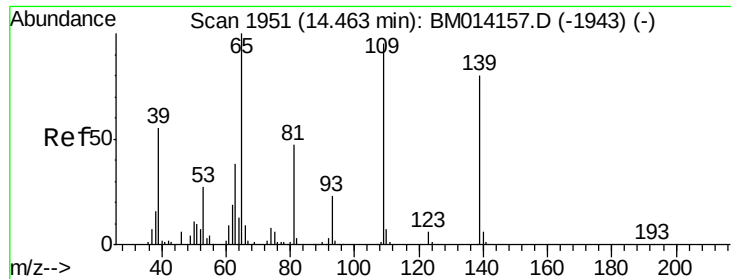


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 6.49 ng

RT: 14.50 min Scan# 1957

Delta R.T. 0.04 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampled :

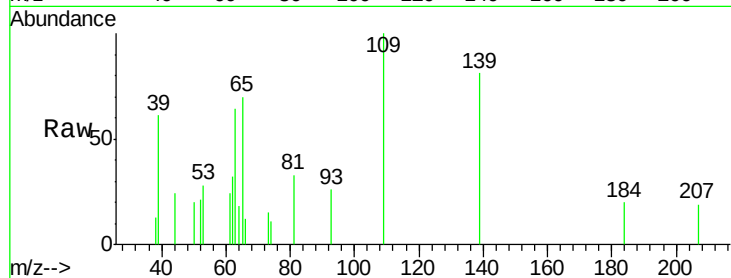
Tot Ion:139 Resp: 2704

Ion Ratio Lower Upper

139 100

109 123.9 130.0 170.0#

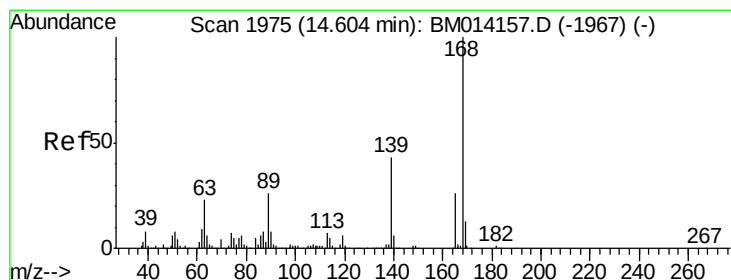
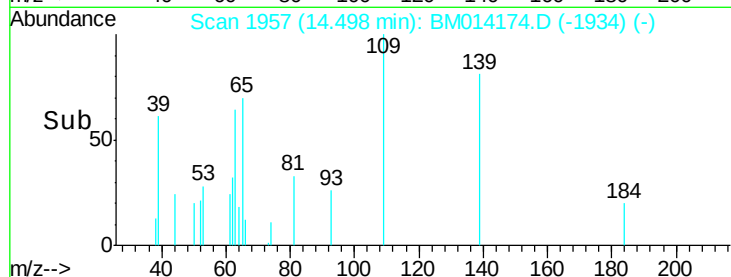
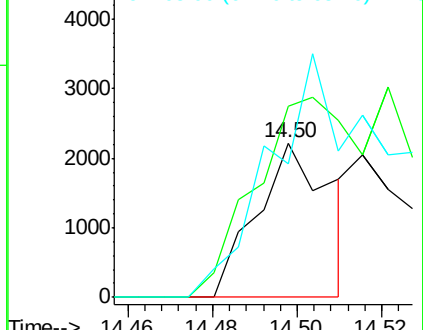
65 86.5 130.0 170.0#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM



#56

2,4-Dinitrotoluene

Concen: 3.39 ng

RT: 14.61 min Scan# 1976

Delta R.T. 0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Tgt Ion:165 Resp: 23094

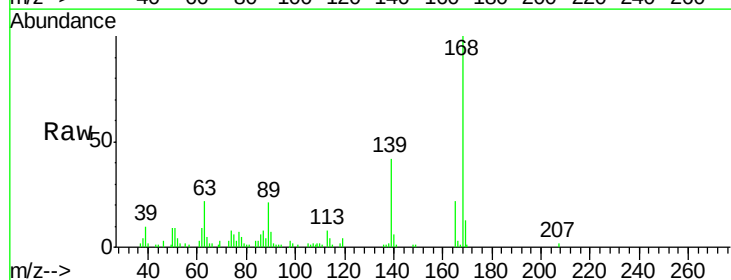
Ion Ratio Lower Upper

165 100

63 99.7 52.4 78.6#

89 94.6 72.4 108.6

182 0.0 2.0 3.0#

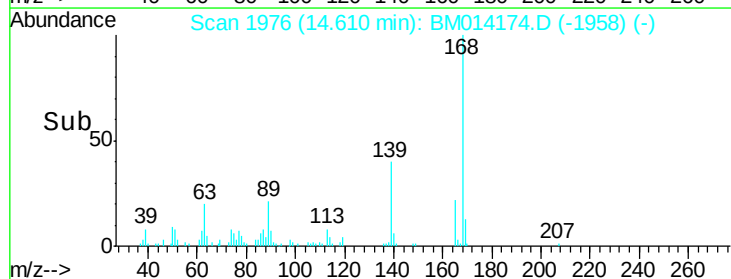
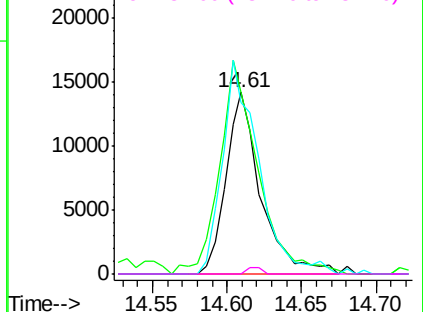


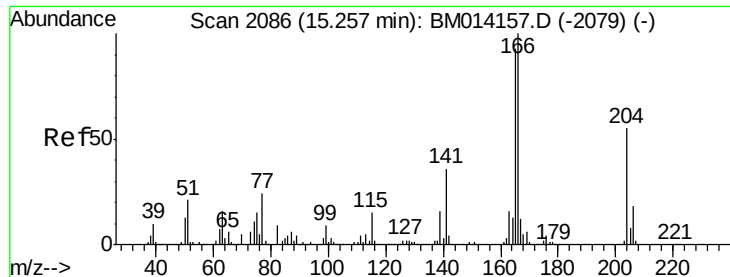
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BM

Ion 89.00 (88.70 to 89.70): BM

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 4.11 ng

RT: 15.26 min Scan# 2086

Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampled :

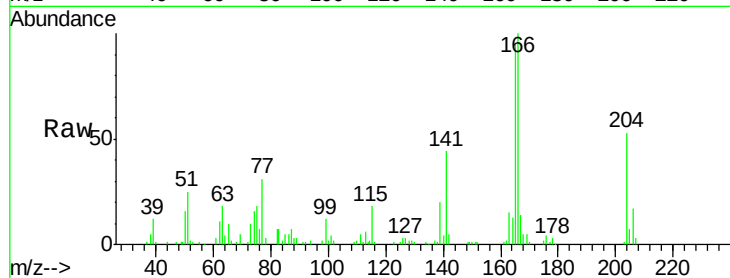
Tot Ion:166 Resp: 90122

Ion Ratio Lower Upper

166 100

165 95.2 79.0 118.4

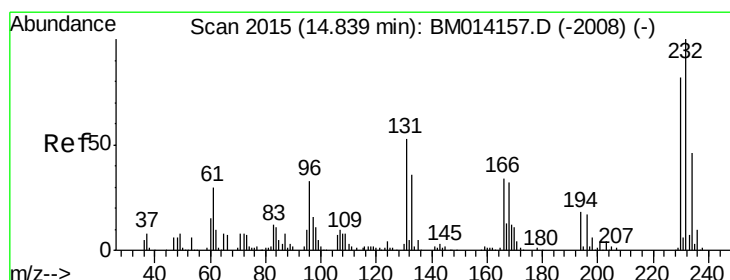
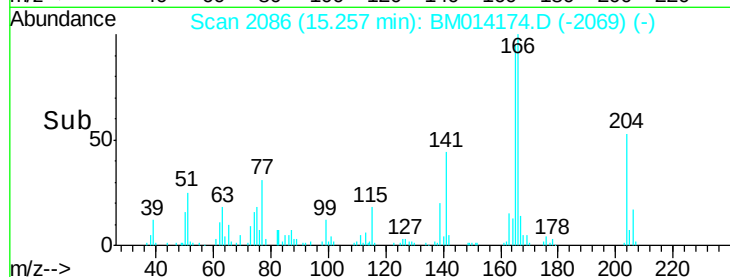
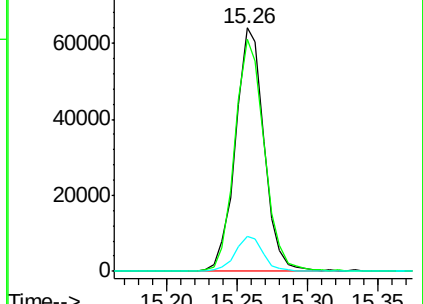
167 14.2 10.3 15.5



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 3.80 ng

RT: 14.84 min Scan# 2016

Delta R.T. 0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Tgt Ion:232 Resp: 20459

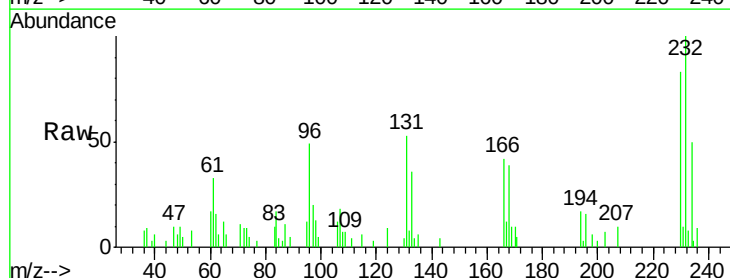
Ion Ratio Lower Upper

232 100

131 62.8 0.0 0.0#

130 3.8 0.0 0.0#

166 35.3 0.0 0.0#

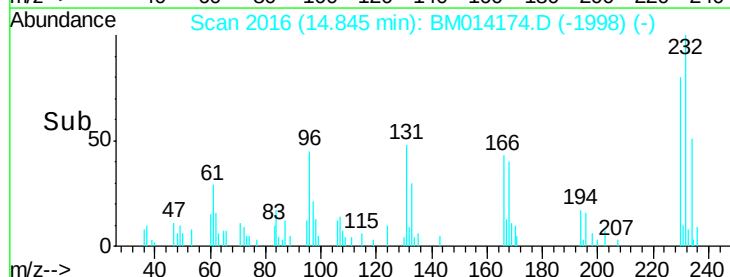
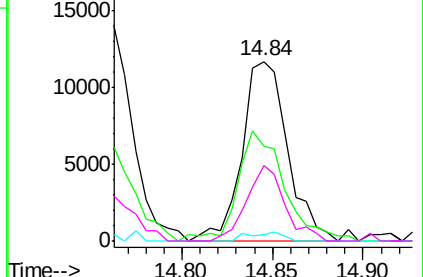


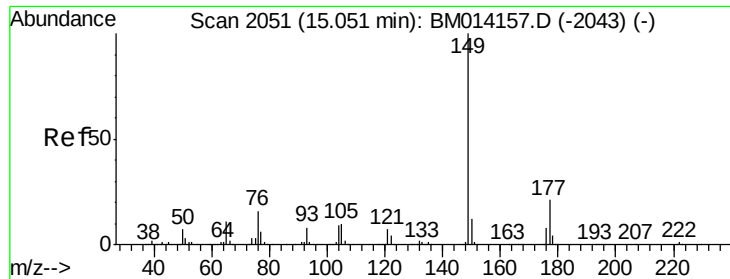
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

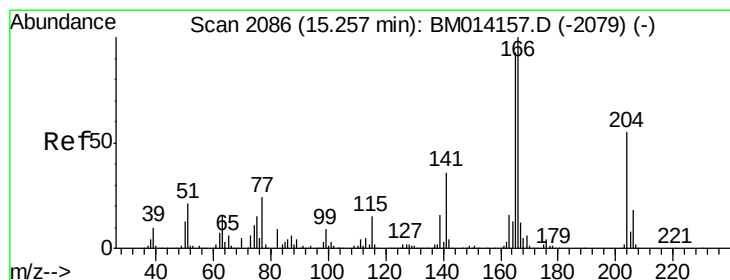
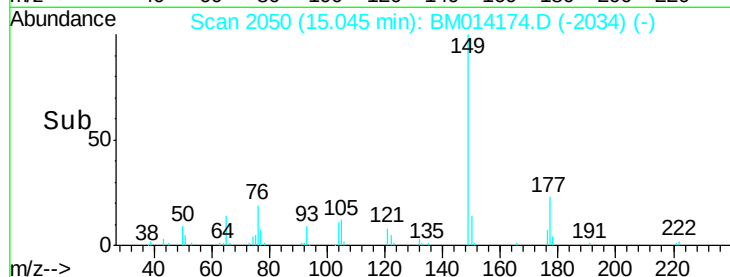
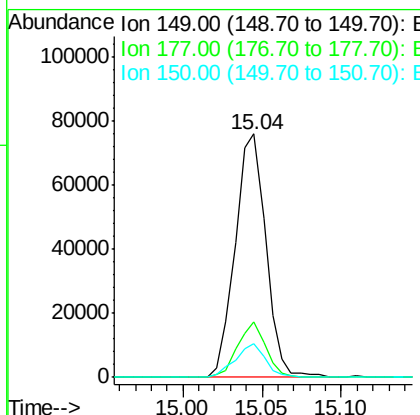
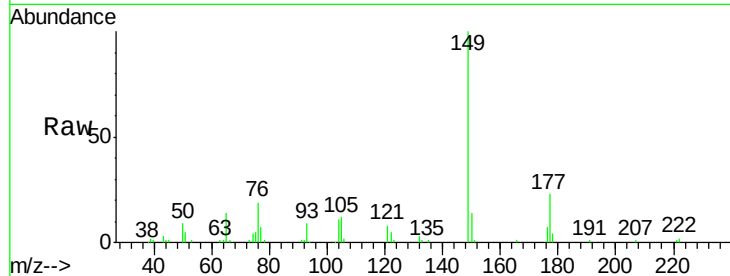




#59
Diethylphthalate
Concen: 4.27 ng
RT: 15.04 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

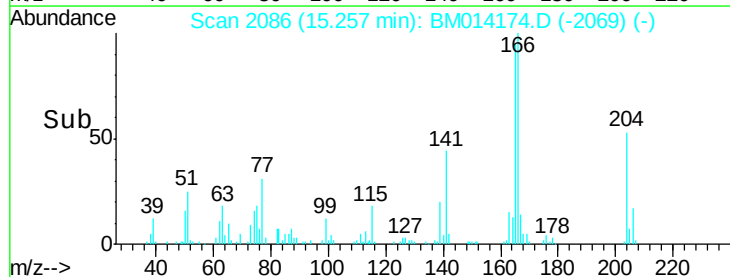
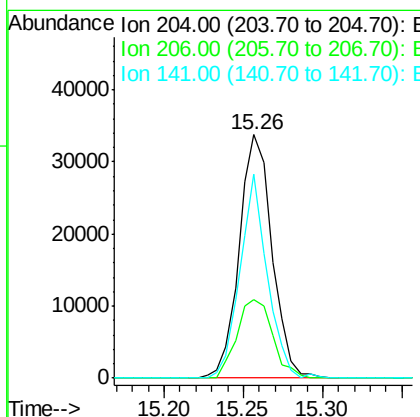
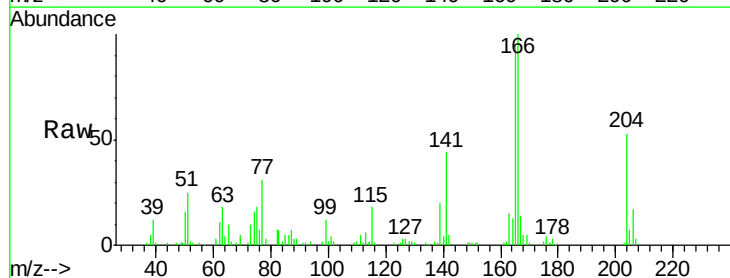
Instrument :
BNA_M
ClientSampleId :

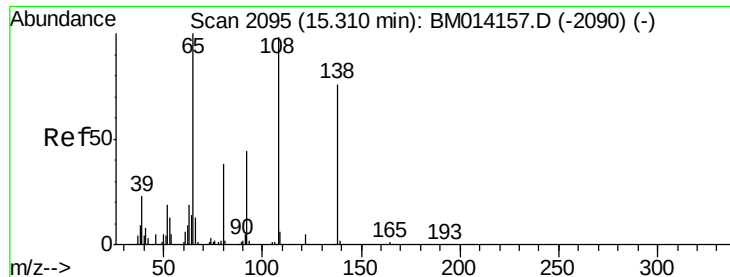
Tot Ion:149 Resp: 102003
Ion Ratio Lower Upper
149 100
177 22.6 18.3 27.5
150 14.0 9.8 14.8



#60
4-Chlorophenyl-phenylether
Concen: 4.24 ng
RT: 15.26 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

Tgt Ion:204 Resp: 48404
Ion Ratio Lower Upper
204 100
206 32.5 26.6 39.8
141 83.8 45.2 67.8#

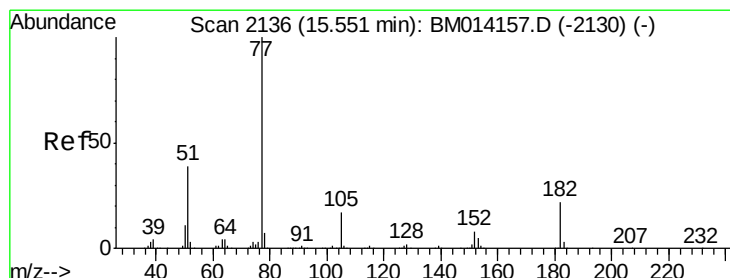
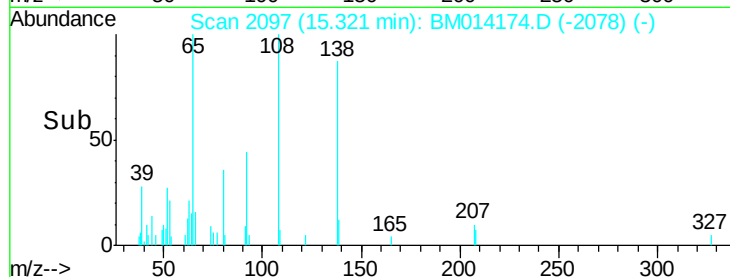
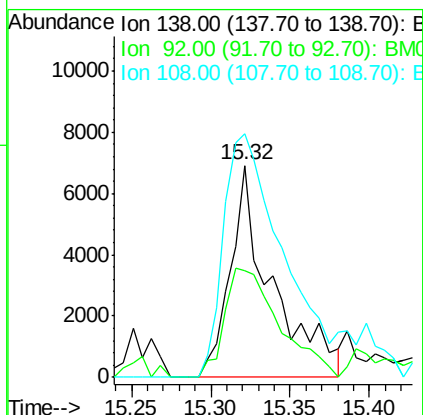
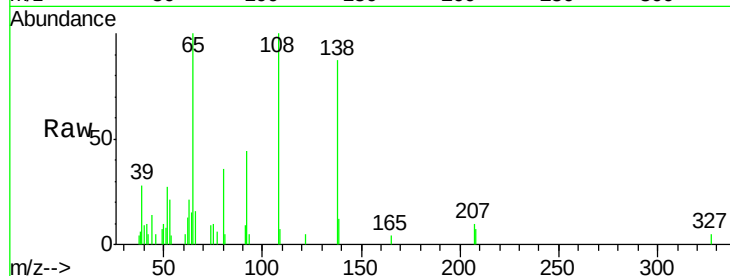




#61
4-Nitroaniline
Concen: 2.79 ng
RT: 15.32 min Scan# 2097
Delta R.T. 0.01 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

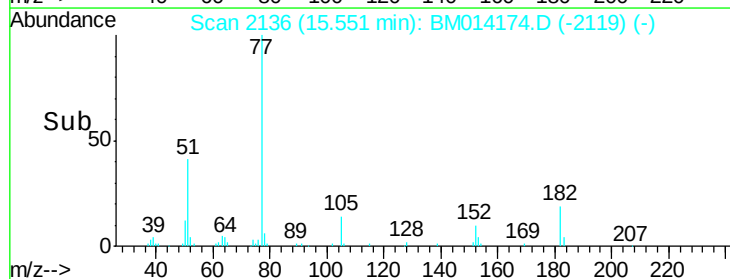
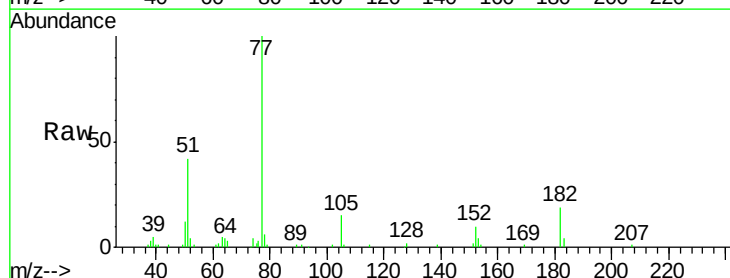
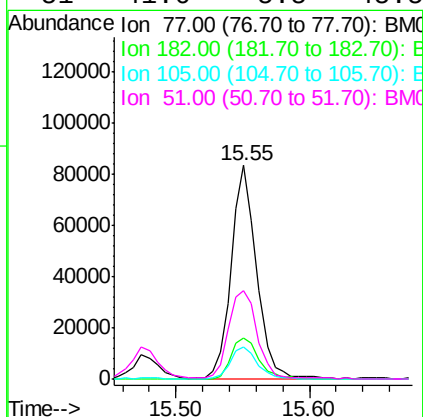
Instrument :
BNA_M
ClientSampled :

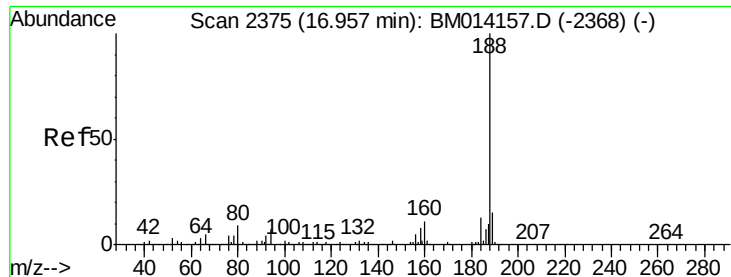
Tot Ion:138 Resp: 12744
Ion Ratio Lower Upper
138 100
92 50.2 16.7 56.7
108 114.7 37.6 77.6#



#62
Azobenzene
Concen: 4.49 ng
RT: 15.55 min Scan# 2136
Delta R.T. -0.00 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

Tgt Ion: 77 Resp: 111328
Ion Ratio Lower Upper
77 100
182 19.1 6.5 46.5
105 14.8 3.8 43.8
51 41.6 5.5 45.5

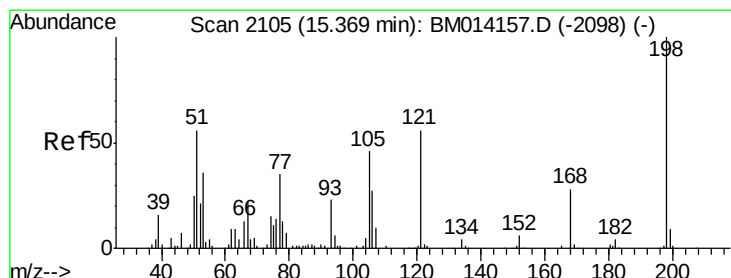
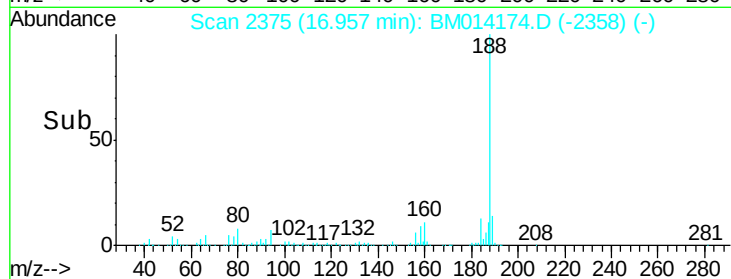
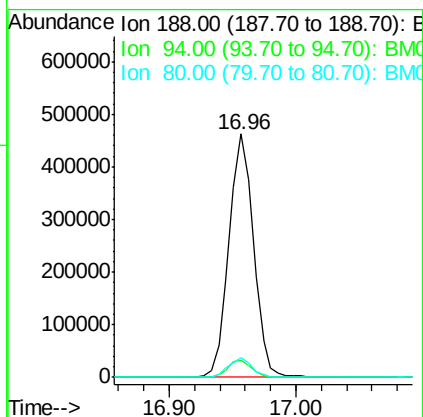
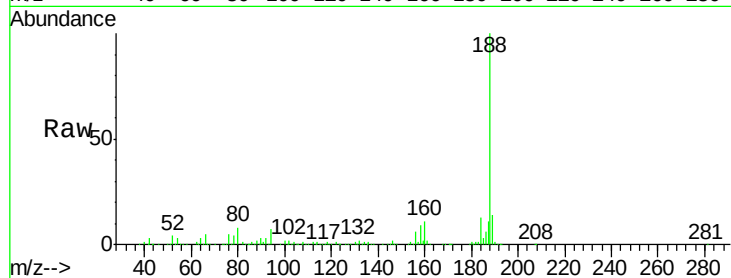




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 16.96 min Scan# 2375
Delta R.T. -0.00 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

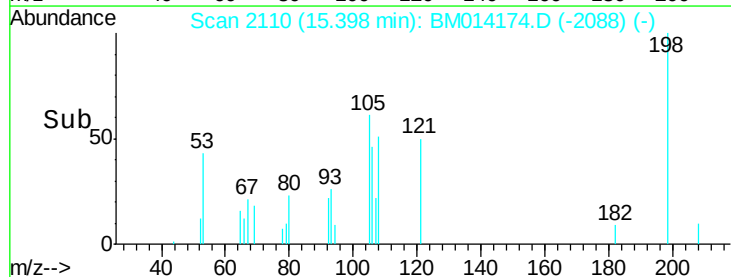
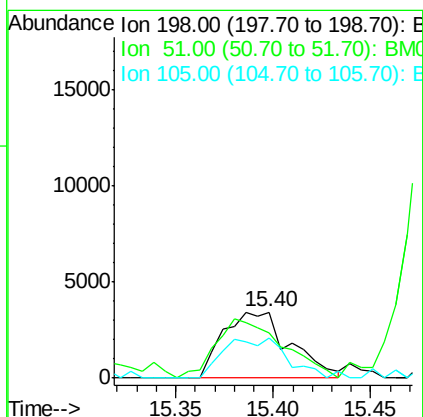
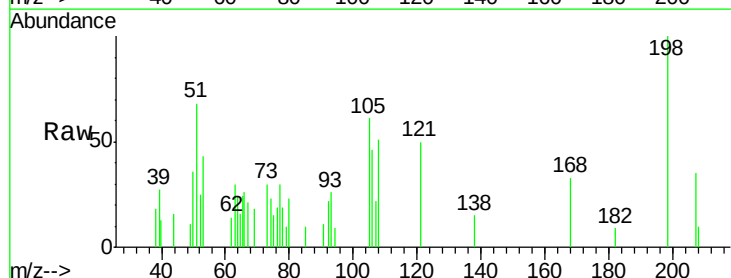
Instrument :
BNA_M
ClientSampleId :

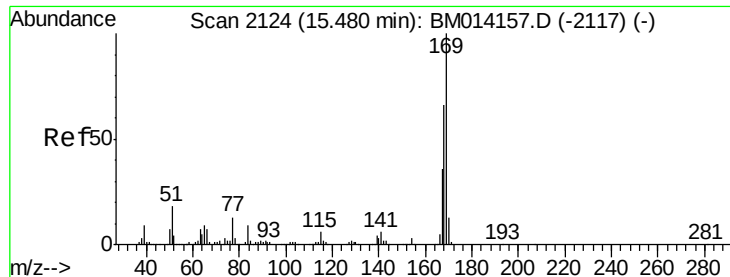
Tot Ion:188 Resp: 621328
Ion Ratio Lower Upper
188 100
94 6.9 8.7 13.1#
80 8.1 9.3 13.9#



#64
4,6-Dinitro-2-methylphenol
Concen: 7.26 ng
RT: 15.40 min Scan# 2110
Delta R.T. 0.03 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

Tgt Ion:198 Resp: 8160
Ion Ratio Lower Upper
198 100
51 68.5 28.8 68.8
105 60.6 30.5 70.5

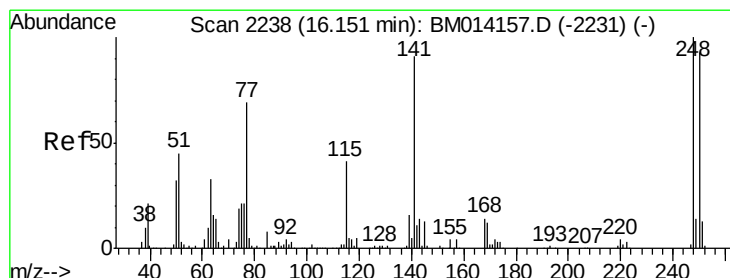
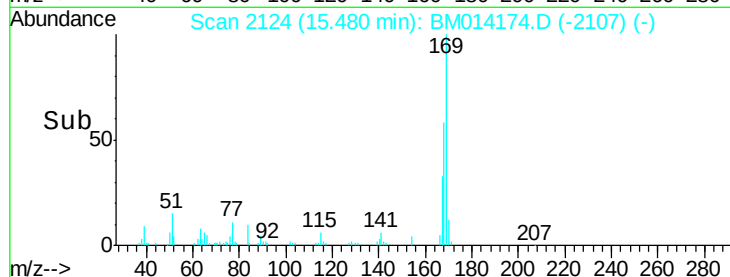
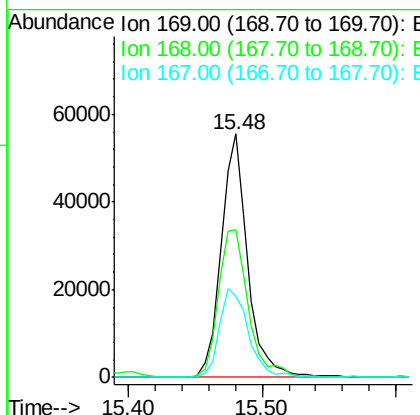
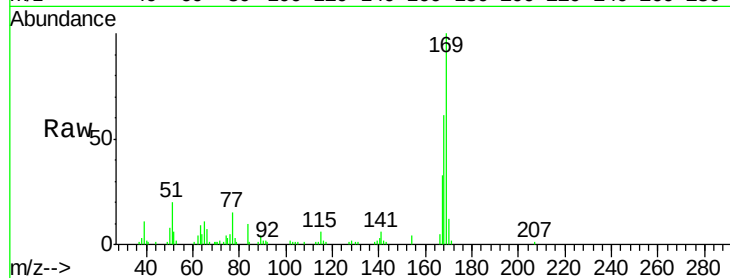




#65
 n-Nitrosodiphenylamine
 Concen: 3.94 ng
 RT: 15.48 min Scan# 2124
 Delta R.T. -0.00 min
 Lab File: BM014174.D
 Acq: 07 Feb 2018 23:06

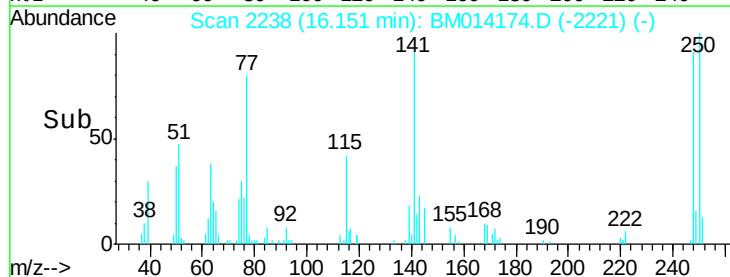
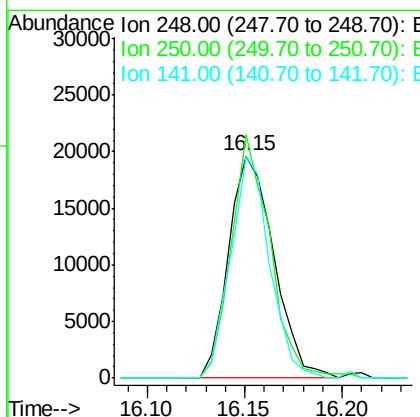
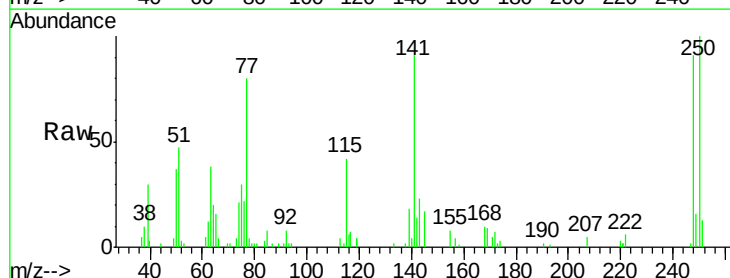
Instrument :
 BNA_M
 ClientSampleId :

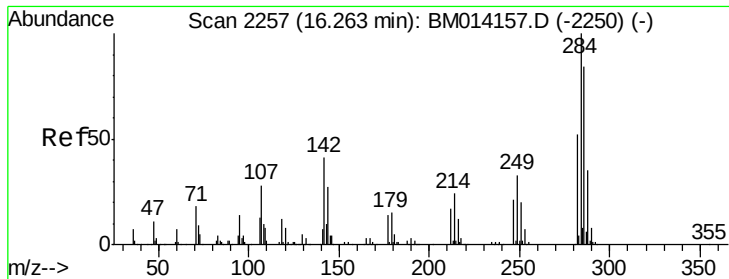
Tot Ion:169 Resp: 77330
 Ion Ratio Lower Upper
 169 100
 168 60.5 53.9 80.9
 167 33.1 28.9 43.3



#66
 4-Bromophenyl-phenylether
 Concen: 4.33 ng
 RT: 16.15 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BM014174.D
 Acq: 07 Feb 2018 23:06

Tgt Ion:248 Resp: 31565
 Ion Ratio Lower Upper
 248 100
 250 109.6 77.4 116.0
 141 99.7 45.2 67.8#

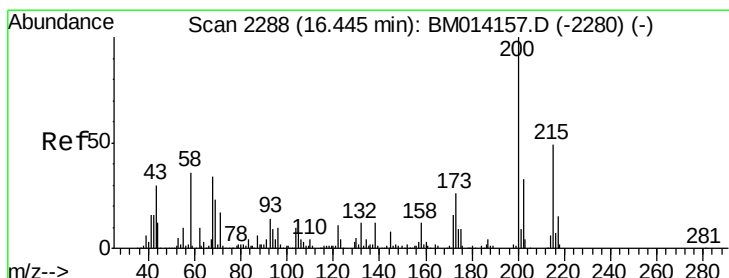
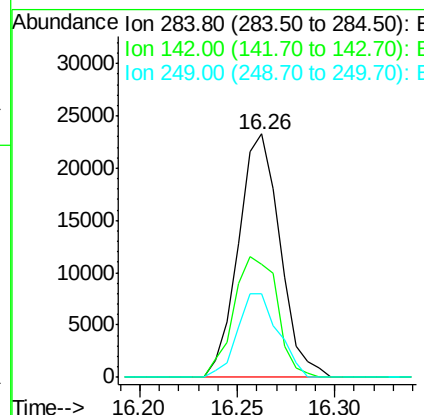
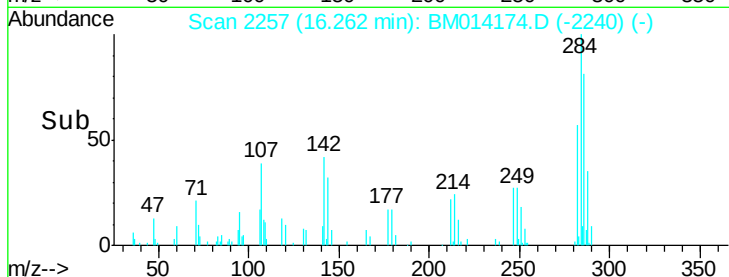
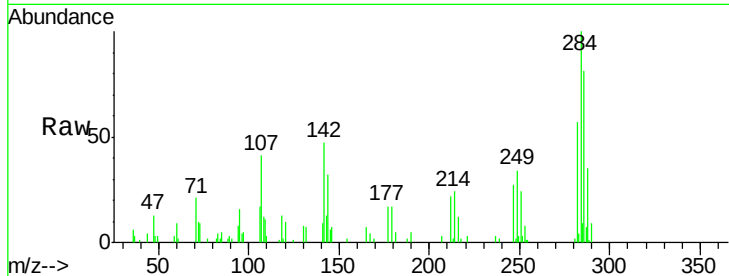




#67
Hexachlorobenzene
Concen: 4.31 ng
RT: 16.26 min Scan# 2257
Delta R.T. -0.00 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

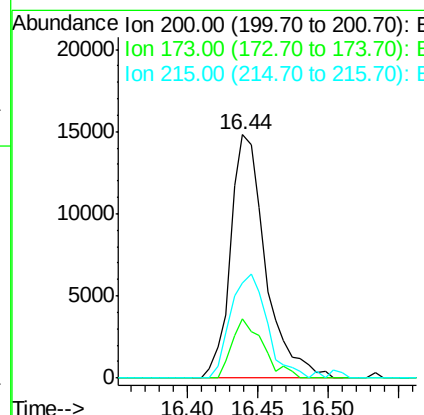
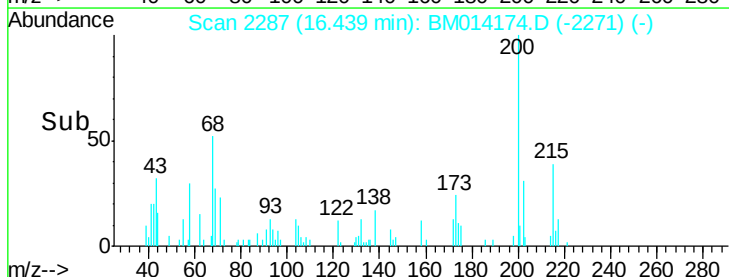
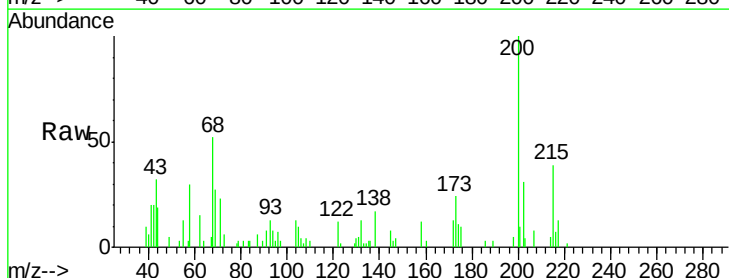
Instrument :
BNA_M
ClientSampleId :

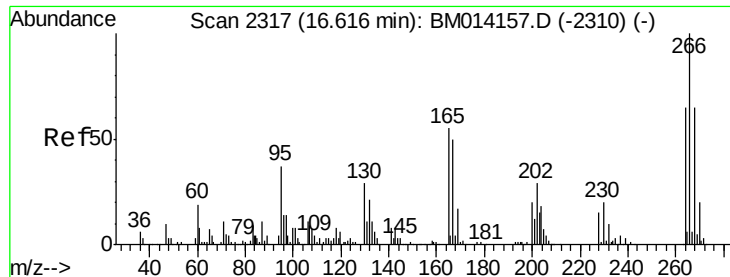
Tot Ion	Ratio	Lower	Upper
284	100		
142	46.5	20.4	30.6#
249	36.9	23.8	35.6#



#68
Atrazine
Concen: 3.48 ng
RT: 16.44 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

Tgt Ion	Ratio	Lower	Upper
200	100		
173	24.5	4.8	44.8
215	38.8	26.9	66.9





#69

Pentachlorophenol

Concen: 8.30 ng

RT: 16.62 min Scan# 2318

Delta R.T. 0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampled :

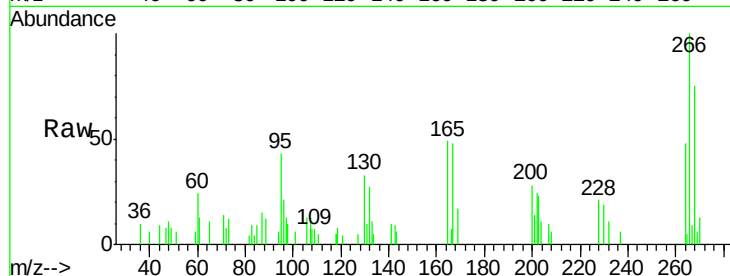
Tot Ion:266 Resp: 13971

Ion Ratio Lower Upper

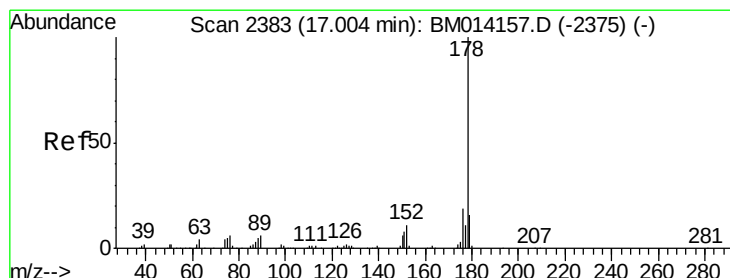
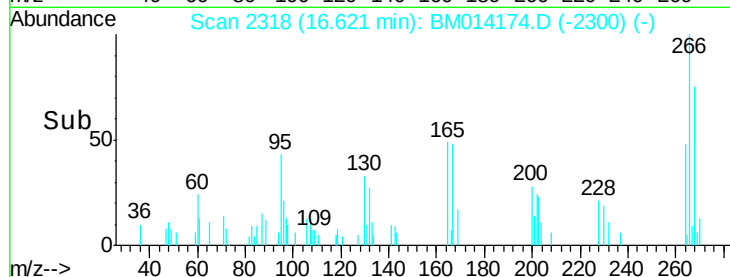
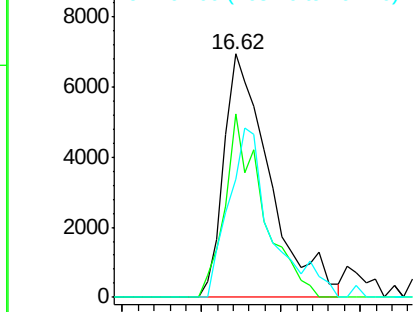
266 100

268 75.4 52.0 78.0

264 48.4 49.0 73.4#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#70

Phenanthrene

Concen: 4.24 ng

RT: 17.00 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

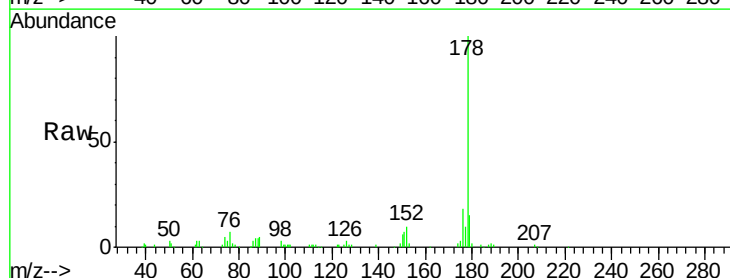
Tgt Ion:178 Resp: 158844

Ion Ratio Lower Upper

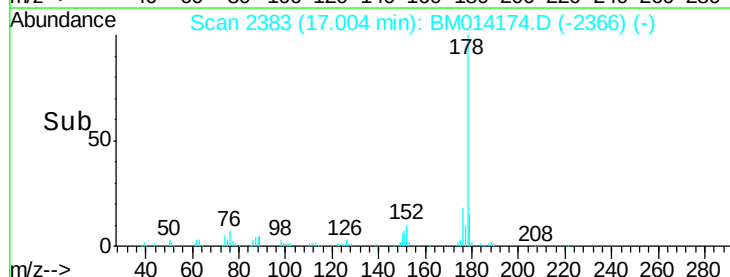
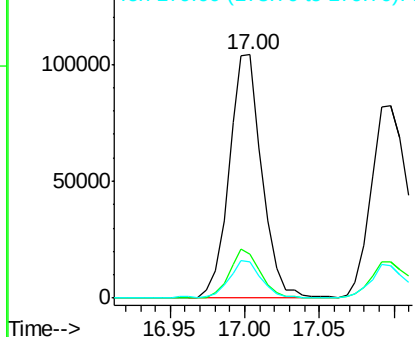
178 100

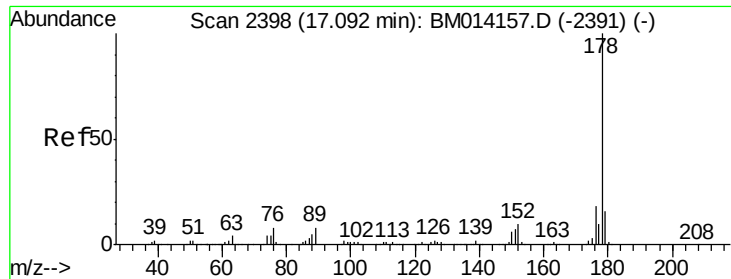
176 18.2 15.2 22.8

179 14.9 12.1 18.1



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

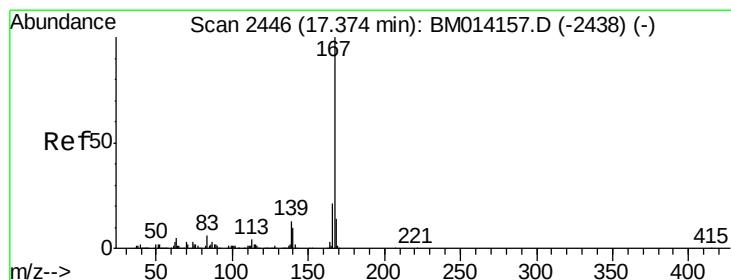
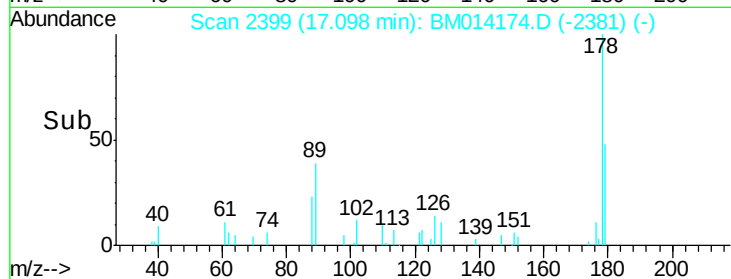
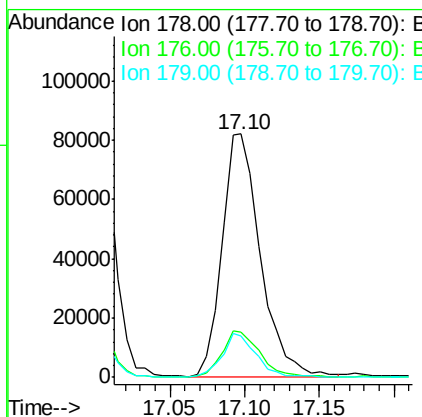
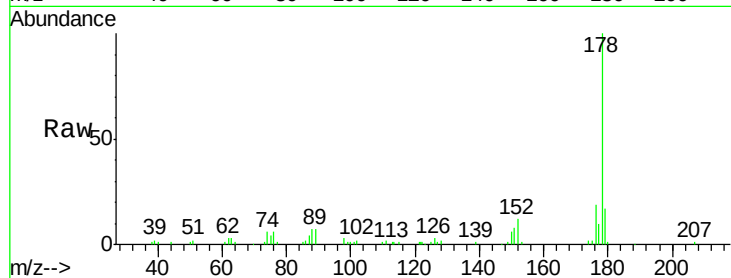




#71
 Anthracene
 Concen: 4.07 ng
 RT: 17.10 min Scan# 2399
 Delta R.T. 0.01 min
 Lab File: BM014174.D
 Acq: 07 Feb 2018 23:06

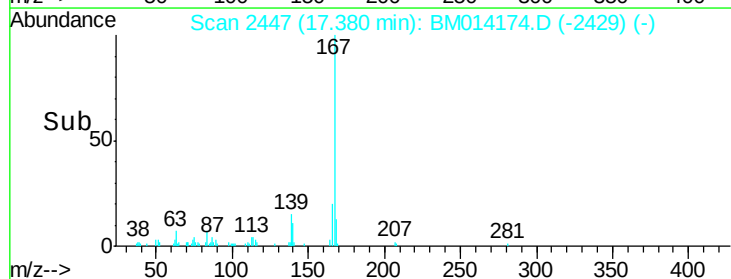
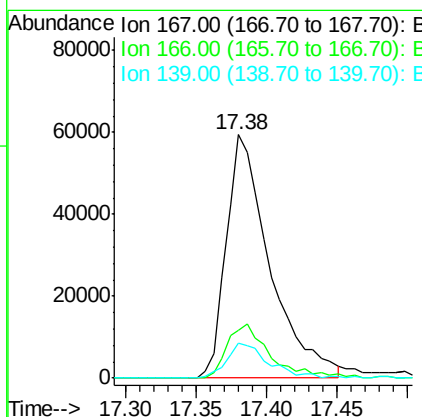
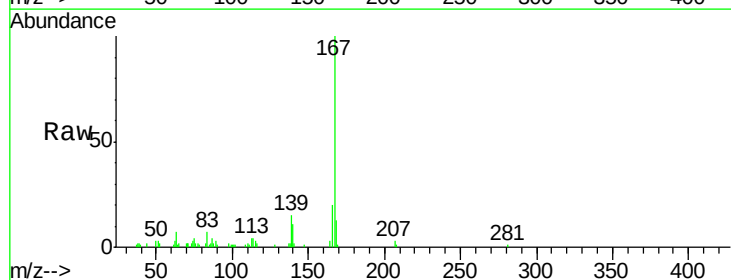
Instrument :
 BNA_M
 ClientSampled :

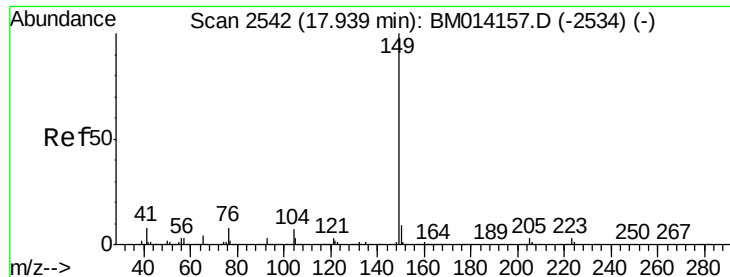
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.6	22.0
179	17.1	12.6	19.0



#72
 Carbazole
 Concen: 3.73 ng
 RT: 17.38 min Scan# 2447
 Delta R.T. 0.01 min
 Lab File: BM014174.D
 Acq: 07 Feb 2018 23:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.6	17.2	25.8
139	14.5	10.8	16.2





#73

Di-n-butylphthalate

Concen: 3.84 ng

RT: 17.93 min Scan# 2541

Delta R.T. -0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampleId :

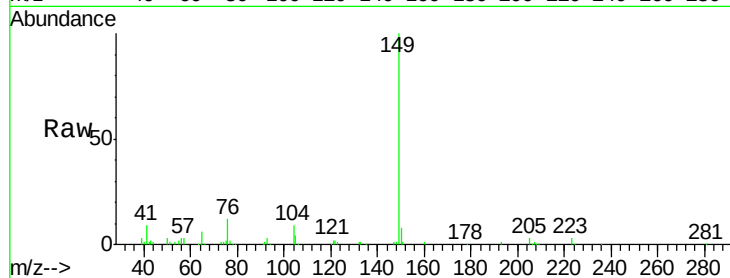
Tot Ion:149 Resp: 168872

Ion Ratio Lower Upper

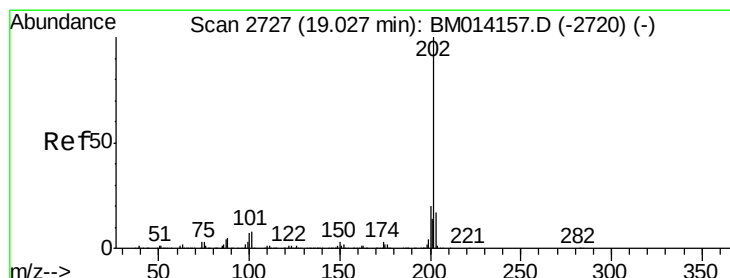
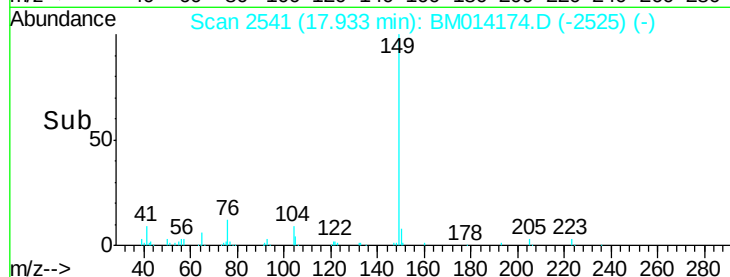
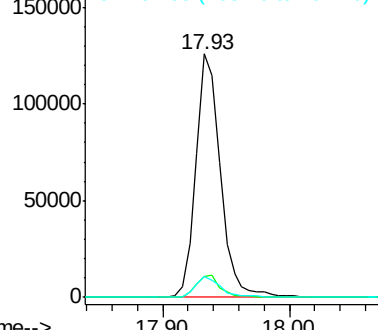
149 100

150 8.4 7.5 11.3

104 8.6 3.7 5.5#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 4.13 ng

RT: 19.03 min Scan# 2728

Delta R.T. 0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

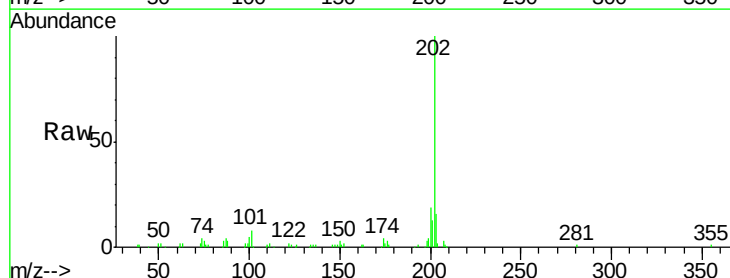
Tgt Ion:202 Resp: 182239

Ion Ratio Lower Upper

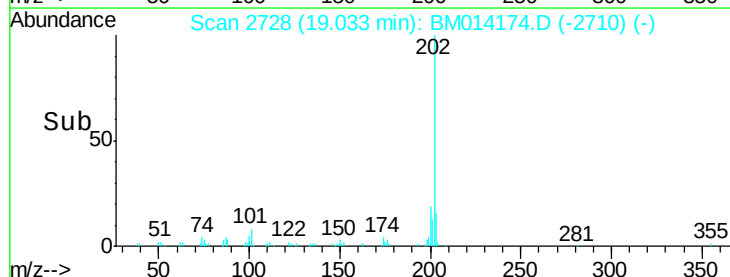
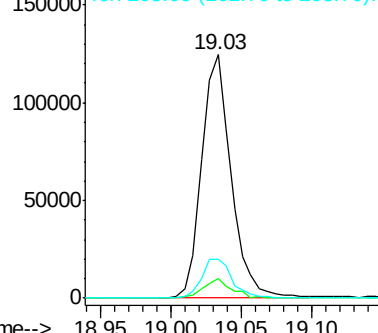
202 100

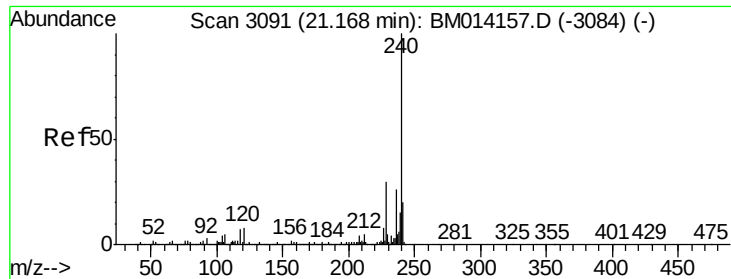
101 7.8 0.0 28.7

203 16.0 0.0 37.2



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

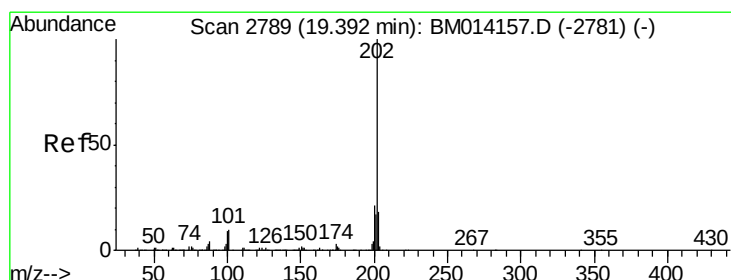
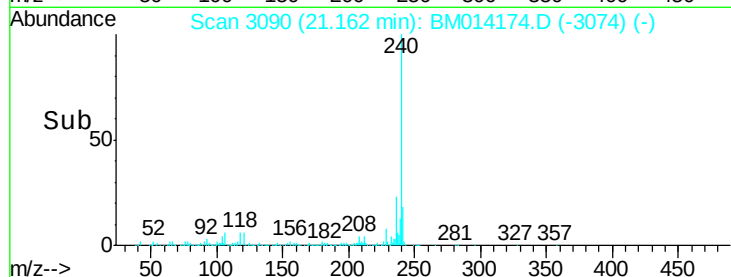
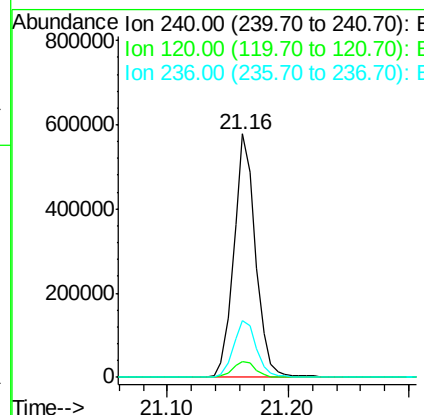
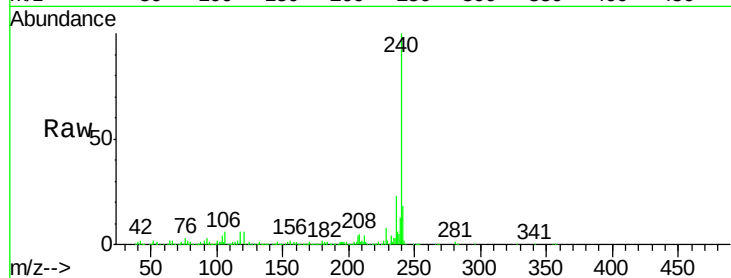




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

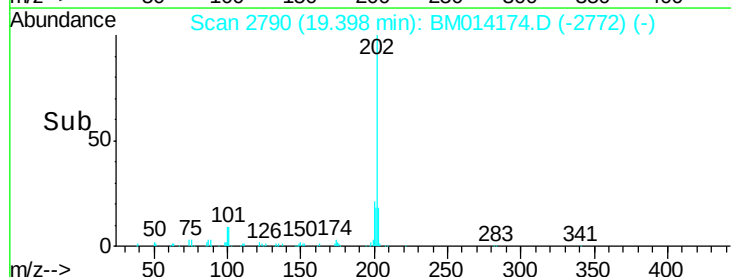
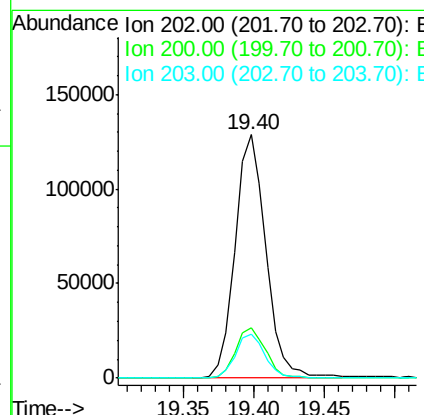
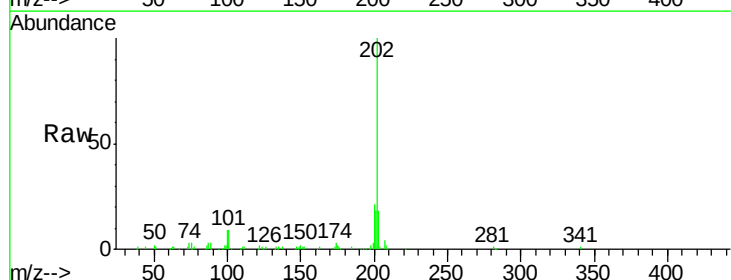
Instrument :
BNA_M
ClientSampleId :

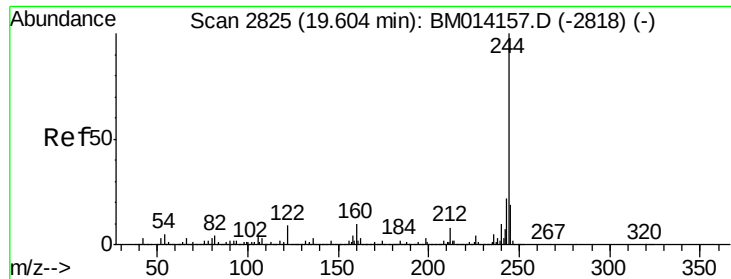
Tot Ion	Ratio	Lower	Upper
240	100		
120	6.5	8.2	12.2#
236	23.5	20.0	30.0



#77
Pyrene
Concen: 3.91 ng
RT: 19.40 min Scan# 2790
Delta R.T. 0.01 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.9	25.3
203	18.1	14.1	21.1





#78

Terphenyl-d14

Concen: 88.36 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

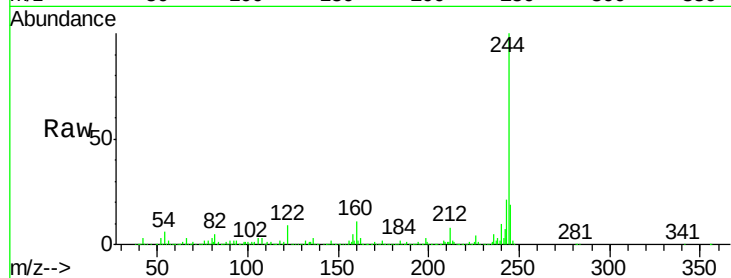
Instrument :

BNA_M

ClientSampleId :

Tot Ion:244 Resp: 3256184

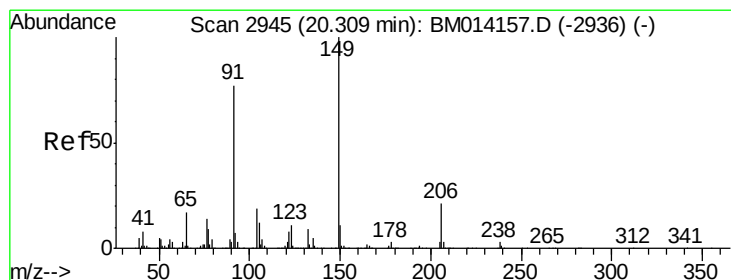
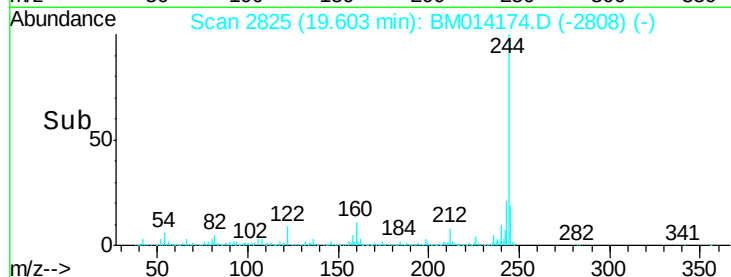
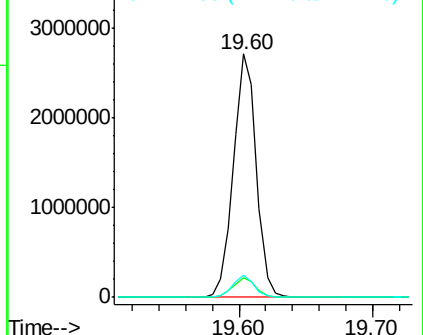
Ion	Ratio	Lower	Upper
244	100		
212	8.0	4.9	7.3#
122	9.3	6.2	9.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#79

Butylbenzylphthalate

Concen: 3.23 ng

RT: 20.31 min Scan# 2945

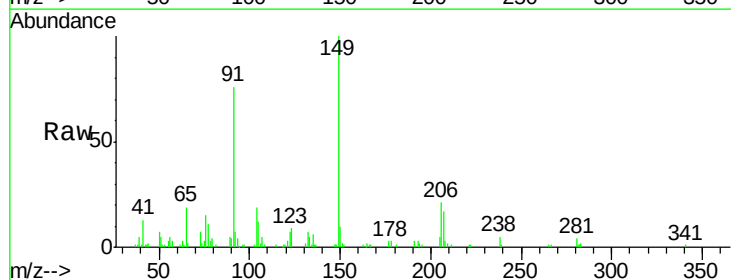
Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Tgt Ion:149 Resp: 72788

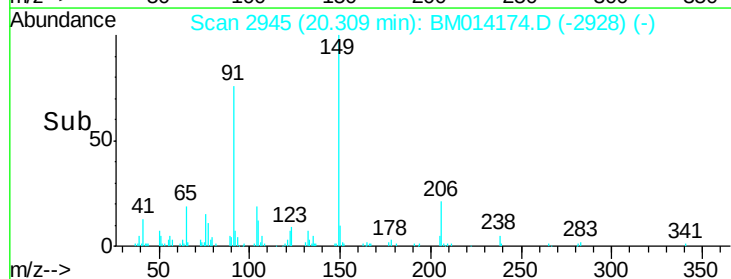
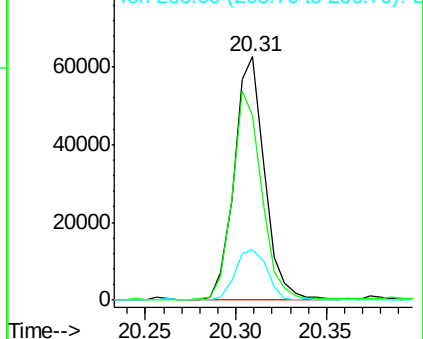
Ion	Ratio	Lower	Upper
149	100		
91	76.1	50.1	75.1#
206	20.8	16.2	24.2

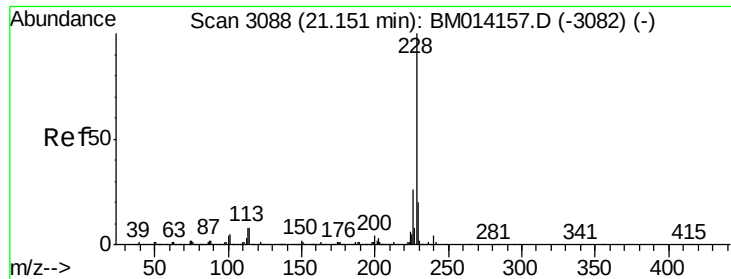


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM0

Ion 206.00 (205.70 to 206.70): E

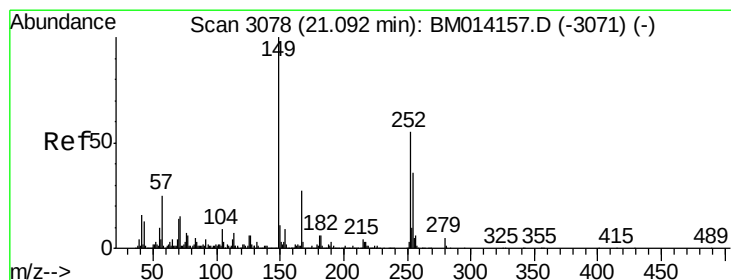
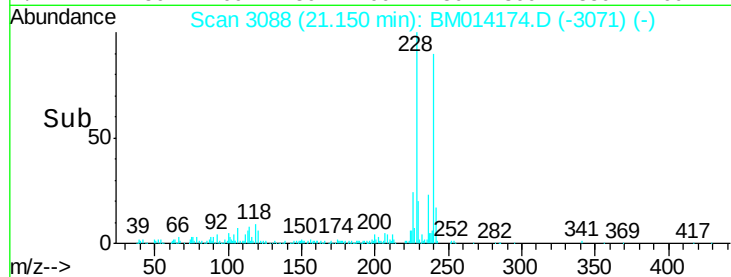
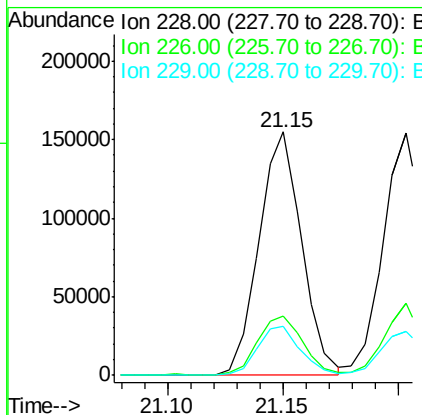
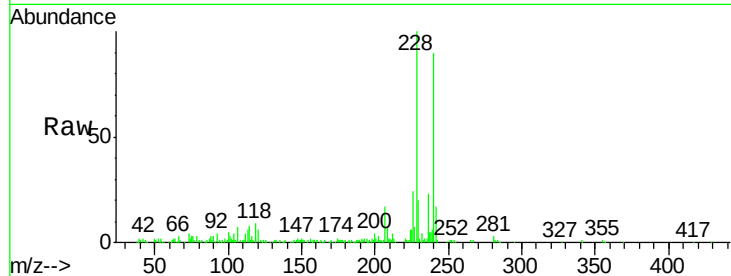




#80
Benzo(a)anthracene
Concen: 4.25 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

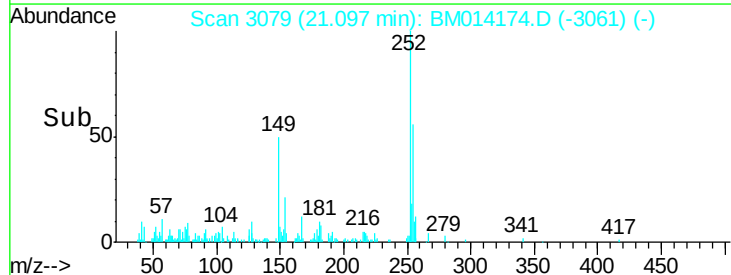
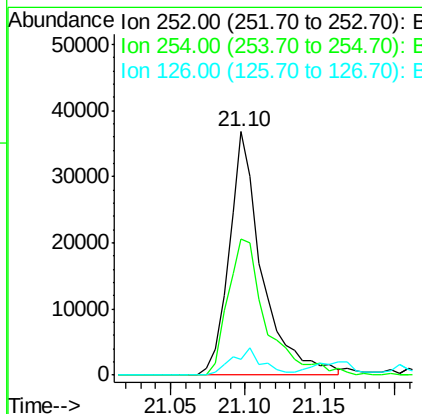
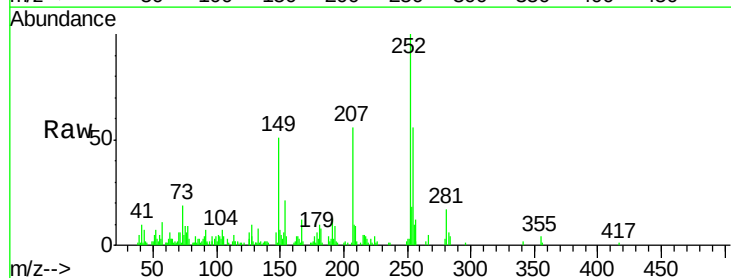
Instrument :
BNA_M
ClientSampleId :

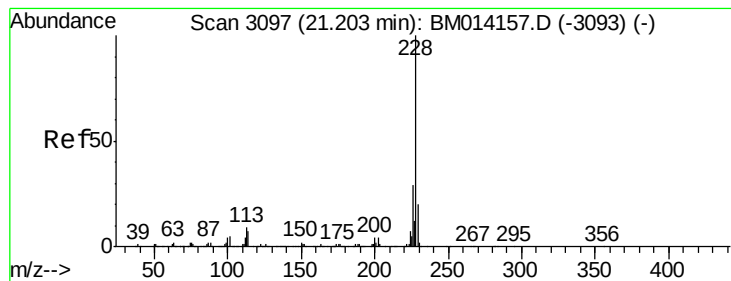
Tot Ion	Ratio	Lower	Upper
228	100		
226	24.3	21.7	32.5
229	20.0	16.0	24.0



#81
3,3'-Dichlorobenzidine
Concen: 3.24 ng
RT: 21.10 min Scan# 3079
Delta R.T. 0.01 min
Lab File: BM014174.D
Acq: 07 Feb 2018 23:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	56.0	51.9	77.9
126	6.5	9.8	14.8





#82

Chrysene

Concen: 4.43 ng

RT: 21.20 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampleId :

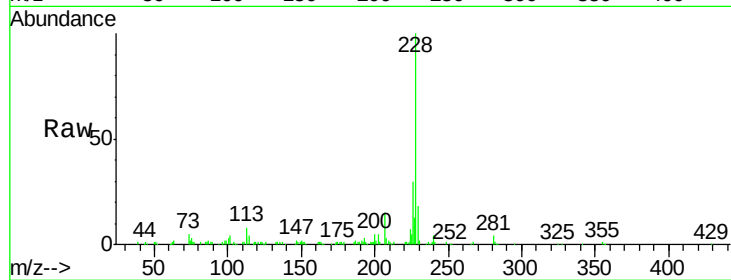
Tot Ion:228 Resp: 201184

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

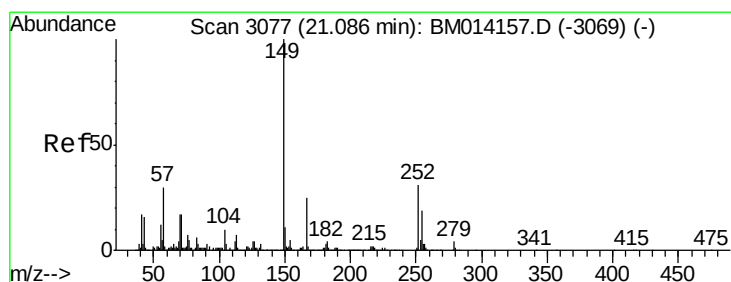
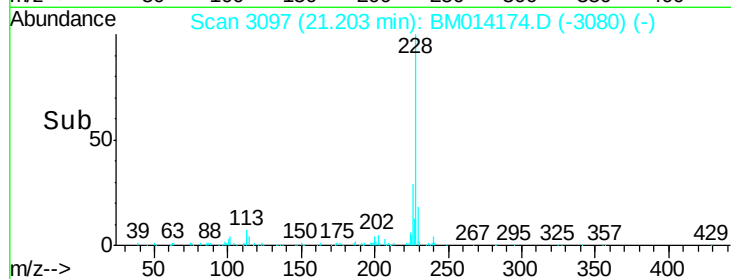
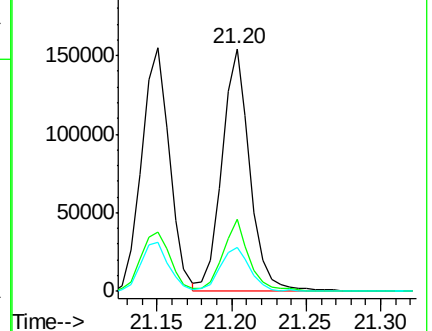
229 18.2 15.5 23.3



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: 3.19 ng

RT: 21.09 min Scan# 3077

Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

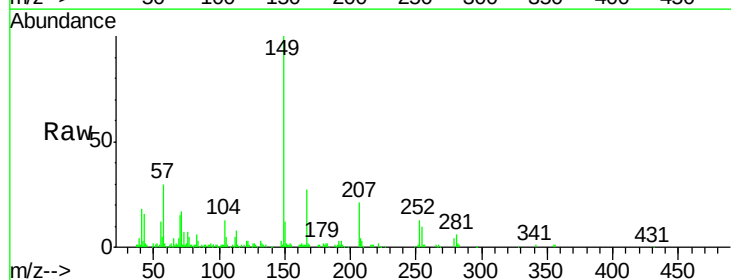
Tgt Ion:149 Resp: 104722

Ion Ratio Lower Upper

149 100

167 27.0 22.4 33.6

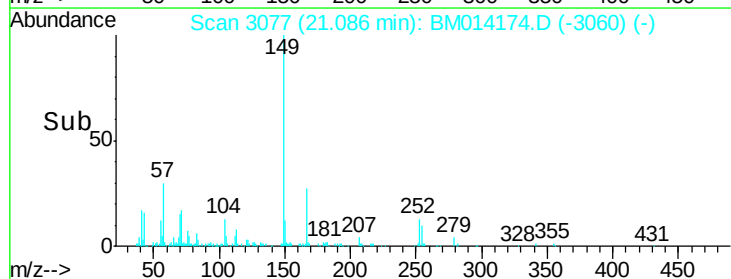
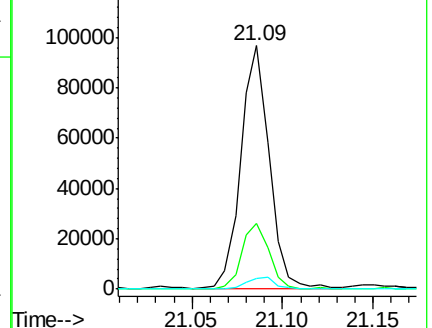
279 4.2 3.4 5.0

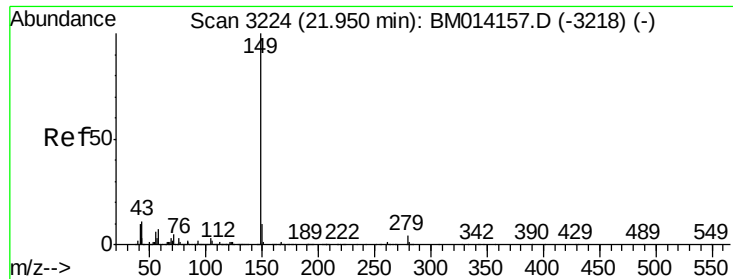


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 3.59 ng

RT: 21.95 min Scan# 3224

Delta R.T. -0.00 min

Lab File: BM014174.D

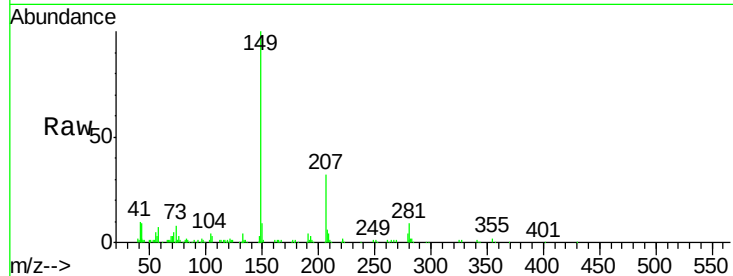
Acq: 07 Feb 2018 23:06

Instrument :

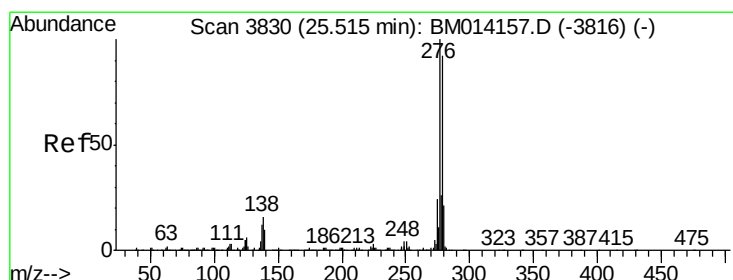
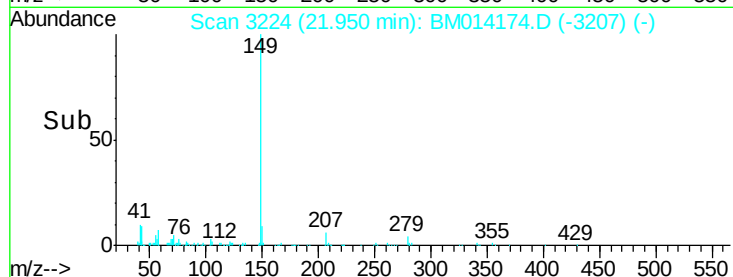
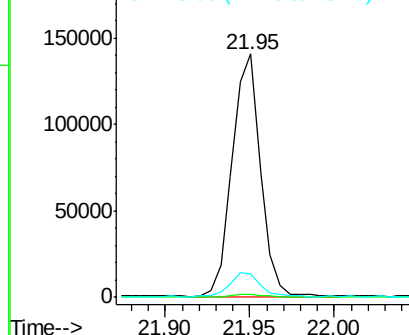
BNA_M

ClientSampleId :

Tot Ion:	149	Resp:	163227
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.2	1.8
43	11.6	7.3	10.9#



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 4.62 ng

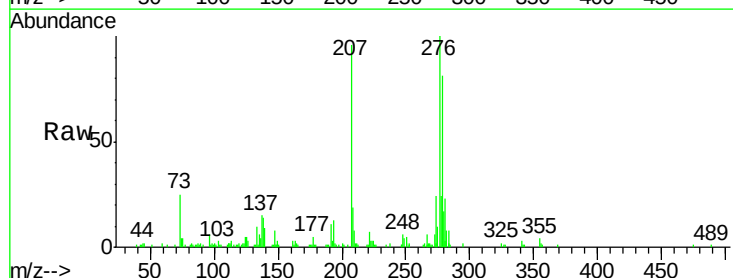
RT: 25.51 min Scan# 3830

Delta R.T. -0.00 min

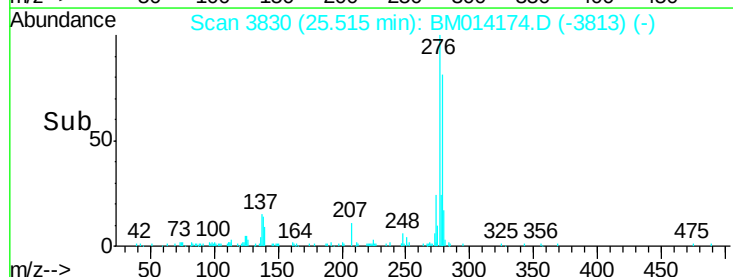
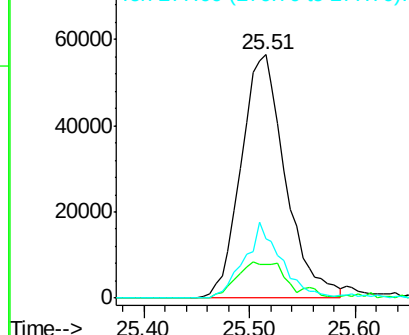
Lab File: BM014174.D

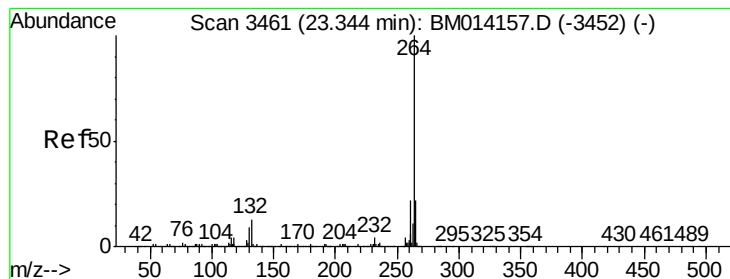
Acq: 07 Feb 2018 23:06

Tgt Ion:	276	Resp:	164944
Ion	Ratio	Lower	Upper
276	100		
138	15.4	12.0	18.0
277	25.9	20.0	30.0



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





#86

Pervlene-d12

Concen: 20.00 ng

RT: 23.34 min Scan# 3460

Delta R.T. -0.01 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampleId :

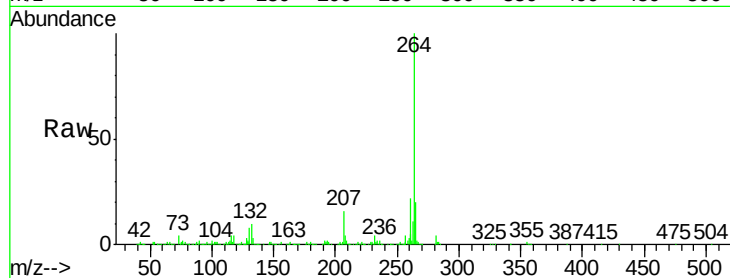
Tot Ion:264 Resp: 668522

Ion Ratio Lower Upper

264 100

260 22.0 18.6 27.8

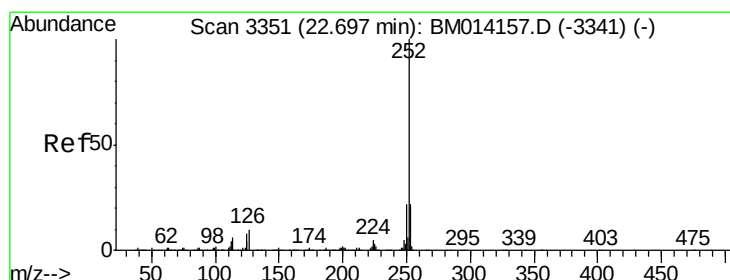
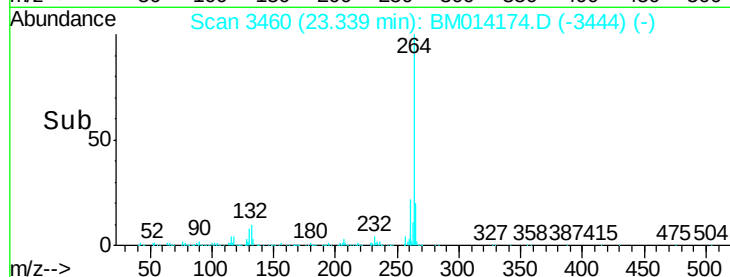
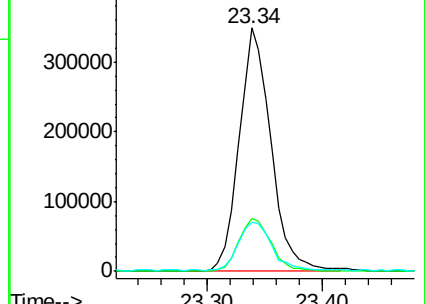
265 20.4 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 4.10 ng

RT: 22.70 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

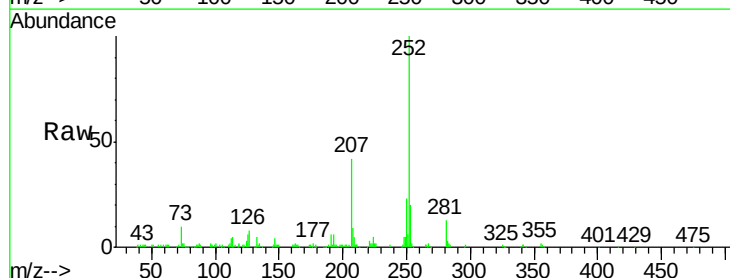
Tgt Ion:252 Resp: 190283

Ion Ratio Lower Upper

252 100

253 20.4 18.0 27.0

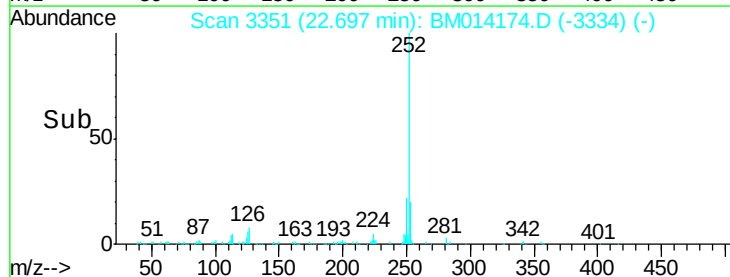
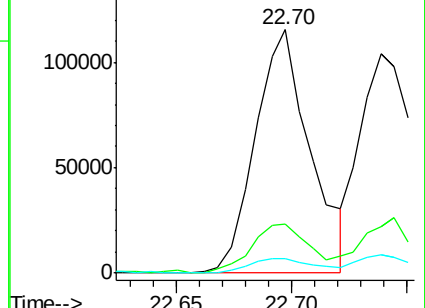
125 6.1 9.9 14.9#

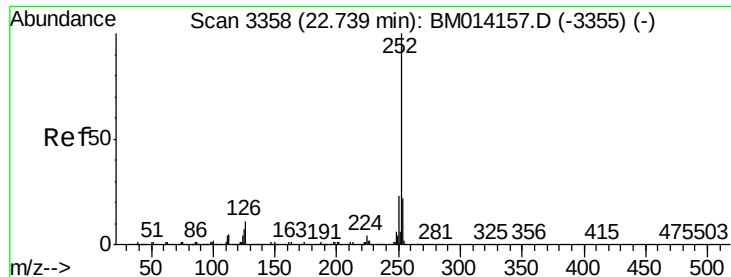


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 3.84 ng

RT: 22.74 min Scan# 3358

Delta R.T. -0.00 min

Lab File: BM014174.D

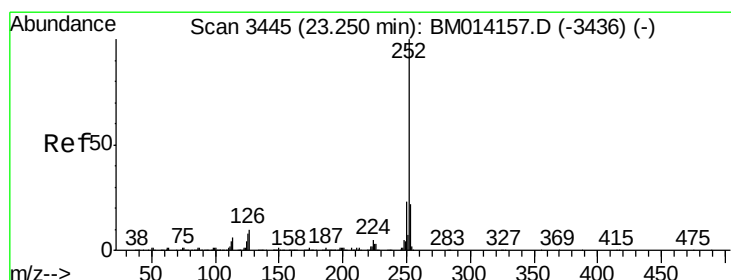
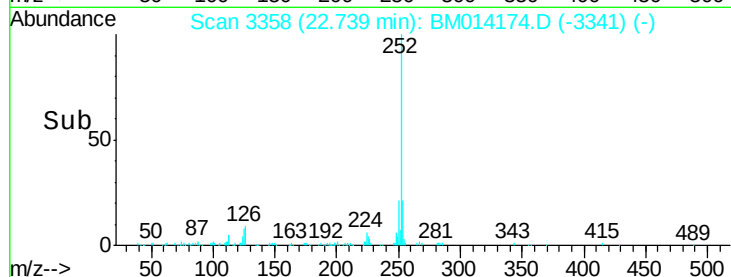
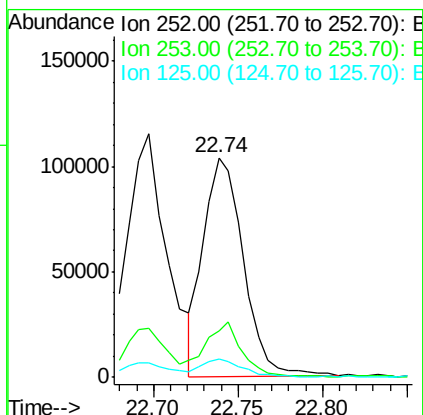
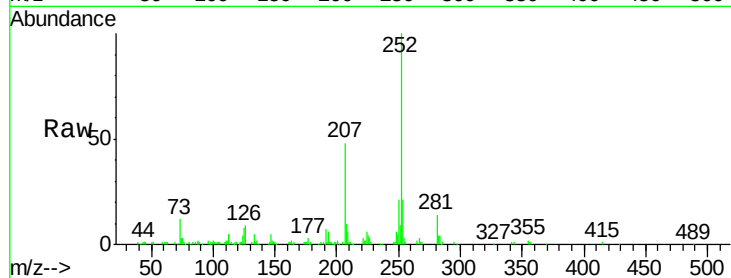
Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	252	Resp:	169511
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	8.3	8.1	12.1



#89

Benzo(a)pyrene

Concen: 4.05 ng

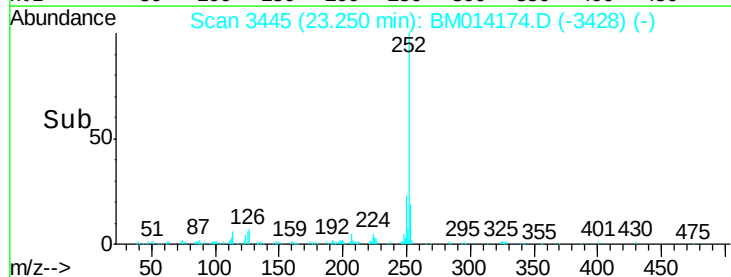
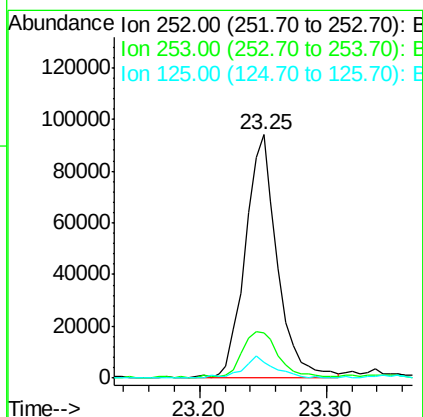
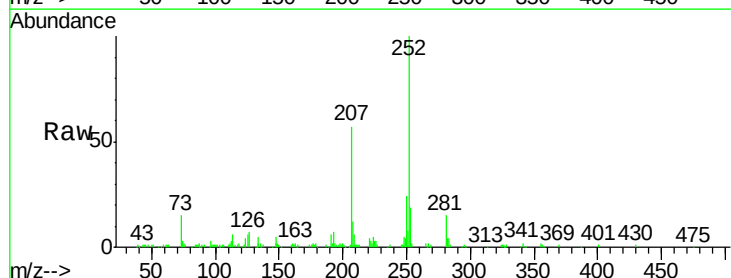
RT: 23.25 min Scan# 3445

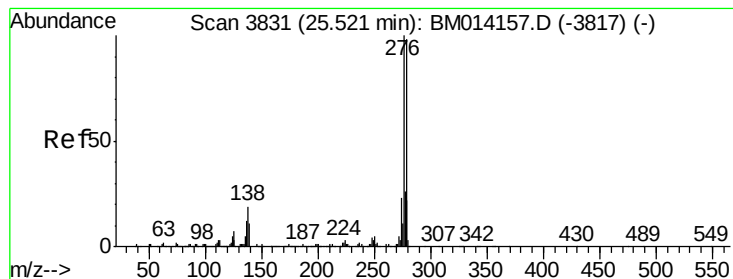
Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Tgt Ion:	252	Resp:	165568
Ion	Ratio	Lower	Upper
252	100		
253	18.7	17.6	26.4
125	6.3	7.4	11.2#





#90

Dibenzo(a,h)anthracene

Concen: 4.13 ng

RT: 25.51 min Scan# 3830

Delta R.T. -0.01 min

Lab File: BM014174.D

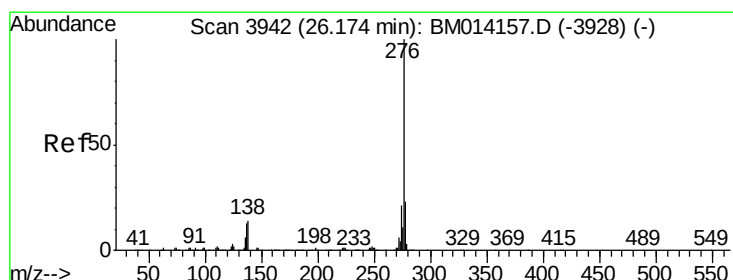
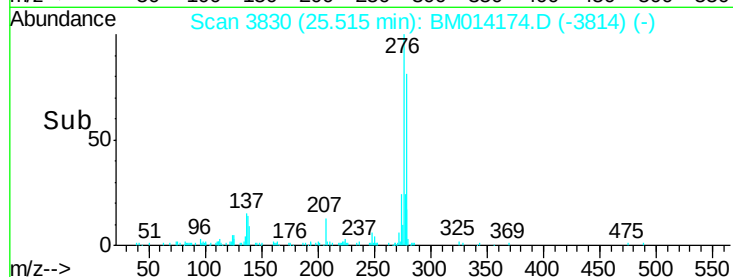
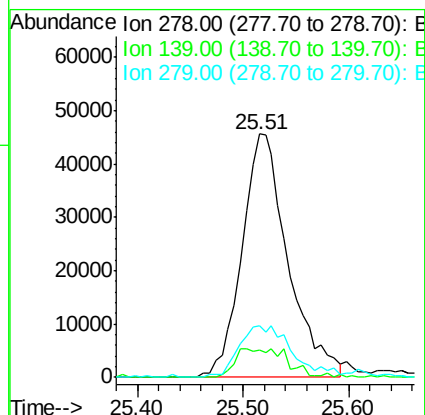
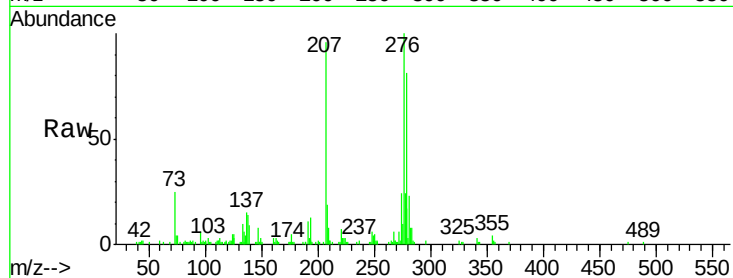
Acq: 07 Feb 2018 23:06

Instrument :

BNA_M

ClientSampleId :

Tot Ion:	278	Resp:	138119
Ion	Ratio	Lower	Upper
278	100		
139	11.2	13.4	20.0#
279	21.3	19.0	28.4



#91

Benzo(g,h,i)perylene

Concen: 4.15 ng

RT: 26.17 min Scan# 3942

Delta R.T. -0.00 min

Lab File: BM014174.D

Acq: 07 Feb 2018 23:06

Tgt Ion:	276	Resp:	129571
Ion	Ratio	Lower	Upper
276	100		
277	26.6	18.5	27.7
138	15.7	19.0	28.6#

