

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
 Data File : BM014178.D
 Acq On : 08 Feb 2018 01:29
 Operator : SJ/JU
 Sample : J1161-07
 Misc : LOD 5 PPM
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 08 07:20:30 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	7.54	152	79435	20.00	ng	0.00
21) Naphthalene-d8	10.32	136	360631	20.00	ng	0.00
38) Acenaphthene-d10	14.20	164	244909	20.00	ng	0.00
63) Phenanthrene-d10	16.96	188	631746	20.00	ng	0.00
75) Chrysene-d12	21.16	240	747953	20.00	ng	0.00
86) Perylene-d12	23.34	264	694943	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.16	112	625875	137.33	ng	0.00
7) Phenol-d6	6.73	99	855549	132.55	ng	0.00
23) Nitrobenzene-d5	8.70	82	769467	95.31	ng	0.00
41) 2,4,6-Tribromophenol	15.70	330	496816	142.96	ng	0.00
44) 2-Fluorobiphenyl	12.81	172	1795603	91.52	ng	0.00
78) Terphenyl-d14	19.60	244	3339969	87.25	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.15	88	9079	4.85	ng	# 100
3) Pyridine	3.54	79	19274	3.72	ng	90
4) n-Nitrosodimethylamine	3.46	42	14168	4.29	ng	# 51
6) Aniline	6.89	93	37200	4.52	ng	91
8) 2-Chlorophenol	7.11	128	24275	4.69	ng	88
9) Benzaldehyde	6.72	77	17875	3.85	ng	# 80
10) Phenol	6.76	94	29720	4.66	ng	# 73
11) bis(2-Chloroethyl)ether	6.99	93	22266	4.42	ng	96
12) 1,3-Dichlorobenzene	7.43	146	28889	4.46	ng	# 82
13) 1,4-Dichlorobenzene	7.58	146	29601	4.55	ng	# 85
14) 1,2-Dichlorobenzene	7.89	146	29819	4.56	ng	# 93
15) Benzyl Alcohol	7.80	79	21257	3.55	ng	# 79
16) 2,2'-oxybis(1-Chloropropan	8.07	45	24104	4.70	ng	77
17) 2-Methylphenol	8.00	107	20119	4.13	ng	# 75
18) Hexachloroethane	8.59	117	12796	4.55	ng	# 85
19) n-Nitroso-di-n-propylamine	8.35	70	22452	4.04	ng	# 86
20) 3+4-Methylphenols	8.34	107	24394	3.45	ng	85
22) Acetophenone	8.37	105	43073	4.15	ng	# 81
24) Nitrobenzene	8.75	77	38291	4.61	ng	# 97
25) Isophorone	9.26	82	53373	3.99	ng	# 95
26) 2-Nitrophenol	9.46	139	10876	3.47	ng	# 54
27) 2,4-Dimethylphenol	9.53	122	18818	3.94	ng	# 81
28) bis(2-Chloroethoxy)methane	9.76	93	26741	3.90	ng	# 90
29) 2,4-Dichlorophenol	10.01	162	17811	3.34	ng	90
30) 1,2,4-Trichlorobenzene	10.18	180	29233	4.15	ng	# 83
31) Naphthalene	10.36	128	82724	4.19	ng	# 95
32) Benzoic acid	9.73	122	1218	6.44	ng	88
33) 4-Chloroaniline	10.52	127	26816	3.27	ng	# 86
34) Hexachlorobutadiene	10.64	225	20899	4.33	ng	99
36) 4-Chloro-3-methylphenol	11.64	107	24116	3.64	ng	# 83
37) 2-Methylnaphthalene	11.99	142	57323	3.85	ng	# 90
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	39346	4.59	ng	# 100
40) Hexachlorocyclopentadiene	12.33	237	11149	8.22	ng	90
42) 2,4,6-Trichlorophenol	12.63	196	18715	3.71	ng	98

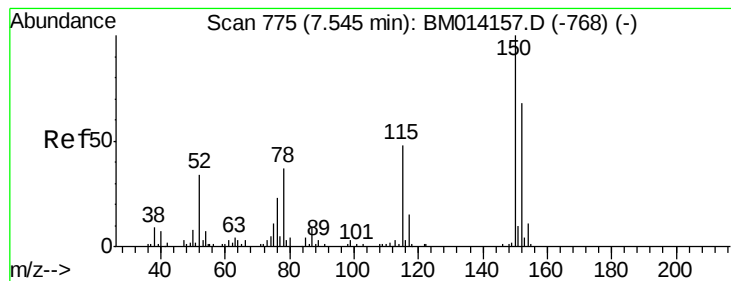
Data Path : Z:\HPCHEM1\BNA M\DATA\BM020718\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	12.72	196	21959	3.95	nq	# 88
45) 1,1'-Biphenyl	13.02	154	92793	4.37	nq	96
46) 2-Chloronaphthalene	13.06	162	66128	4.11	nq	# 90
47) 2-Nitroaniline	13.30	65	21622	3.65	nq	84
48) Acenaphthylene	13.92	152	110286	4.18	nq	97
49) Dimethylphthalate	13.67	163	96415	4.40	nq	# 98
50) 2,6-Dinitrotoluene	13.80	165	18302	4.07	nq	# 43
51) Acenaphthene	14.26	154	67224	4.13	nq	90
52) 3-Nitroaniline	14.15	138	15290	3.29	nq	# 58
53) 2,4-Dinitrophenol	14.39	184	1962	8.36	nq	# 82
54) Dibenzofuran	14.60	168	105739	4.16	nq	# 80
55) 4-Nitrophenol	14.50	139	3116	6.58	nq	# 67
56) 2,4-Dinitrotoluene	14.61	165	24595	3.54	nq	# 71
57) Fluorene	15.26	166	94064	4.20	nq	91
58) 2,3,4,6-Tetrachlorophenol	14.84	232	21957	4.00	nq	# 100
59) Diethylphthalate	15.04	149	104243	4.28	nq	94
60) 4-Chlorophenyl-phenylether	15.26	204	50563	4.35	nq	92
61) 4-Nitroaniline	15.32	138	14474	3.11	nq	# 31
62) Azobenzene	15.55	77	111651	4.42	nq	# 78
64) 4,6-Dinitro-2-methylphenol	15.39	198	10315	7.68	nq	80
65) n-Nitrosodiphenylamine	15.47	169	81216	4.07	nq	90
66) 4-Bromophenyl-phenylether	16.15	248	31274	4.22	nq	# 81
67) Hexachlorobenzene	16.26	284	35591	4.38	nq	# 77
68) Atrazine	16.44	200	22186	2.97	nq	91
69) Pentachlorophenol	16.63	266	14538	8.35	nq	# 89
70) Phenanthrene	17.00	178	161678	4.24	nq	96
71) Anthracene	17.10	178	153366	4.13	nq	97
72) Carbazole	17.38	167	132357	3.79	nq	98
73) Di-n-butylphthalate	17.94	149	173005	3.87	nq	# 98
74) Fluoranthene	19.03	202	189091	4.21	nq	97
77) Pyrene	19.40	202	200512	3.86	nq	99
79) Butylbenzylphthalate	20.31	149	75253	3.22	nq	# 76
80) Benzo(a)anthracene	21.15	228	201044	4.14	nq	98
81) 3,3'-Dichlorobenzidine	21.10	252	60603	3.34	nq	# 98
82) Chrysene	21.20	228	205130	4.35	nq	97
83) Bis(2-ethylhexyl)phthalate	21.09	149	114972	3.37	nq	# 95
84) Di-n-octyl phthalate	21.95	149	169783	3.59	nq	# 91
85) Indeno(1,2,3-cd)pyrene	25.51	276	182435	4.92	nq	98
87) Benzo(b)fluoranthene	22.70	252	183962	3.81	nq	# 93
88) Benzo(k)fluoranthene	22.74	252	194039	4.23	nq	# 96
89) Benzo(a)pyrene	23.25	252	175082	4.12	nq	# 96
90) Dibenzo(a,h)anthracene	25.52	278	151799	4.37	nq	# 91
91) Benzo(g,h,i)perylene	26.18	276	135631	4.18	nq	# 84

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

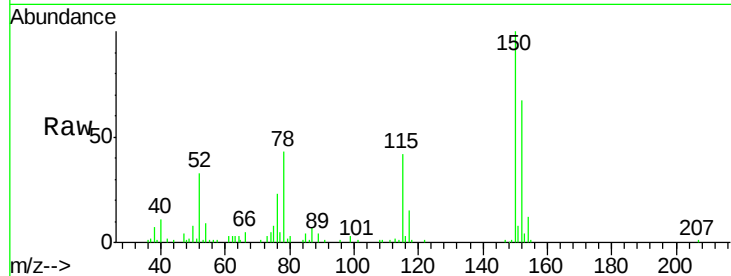


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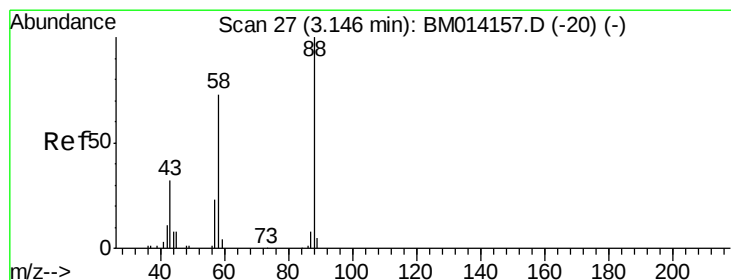
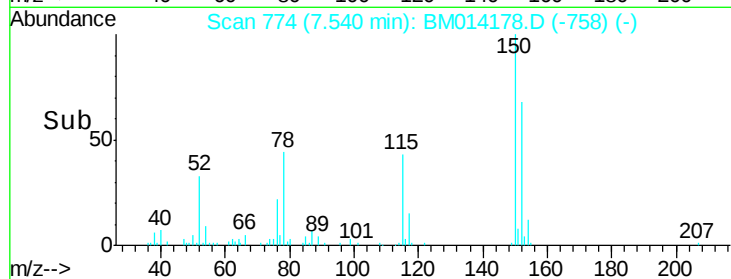
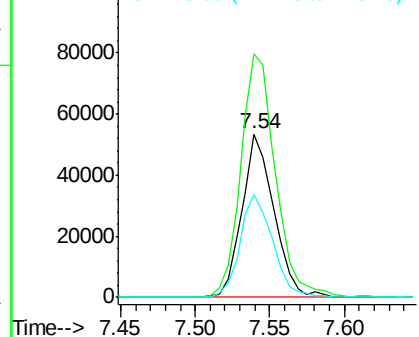
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.54 min Scan# 774
Delta R.T. -0.01 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 79435
Ion Ratio Lower Upper
152 100
150 148.9 119.5 179.3
115 63.0 43.0 64.4



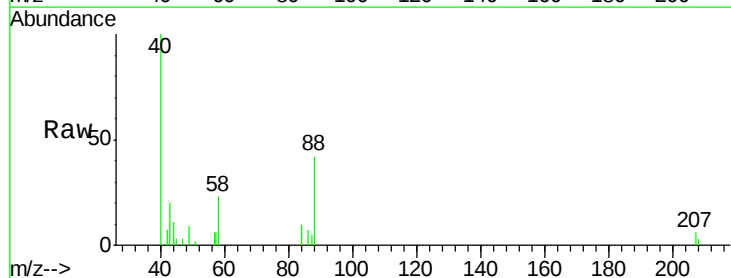
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



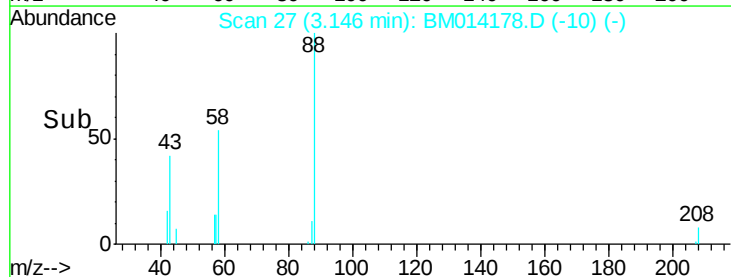
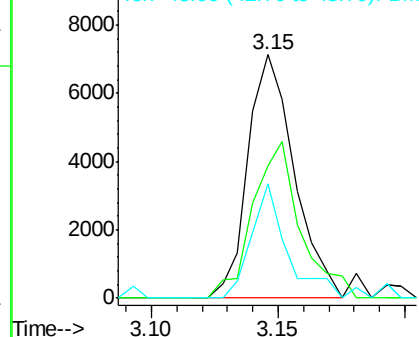
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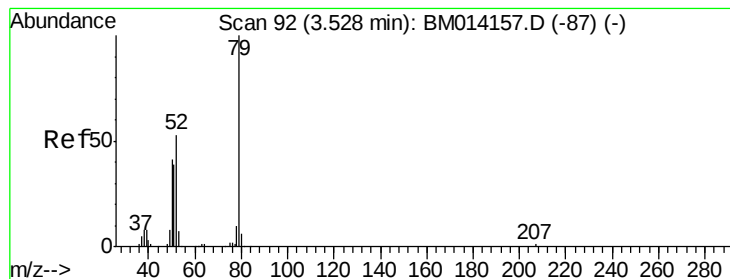
1,4-Dioxane
Concen: 4.85 ng
RT: 3.15 min Scan# 27
Delta R.T. 0.00 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Tgt Ion: 88 Resp: 9079
Ion Ratio Lower Upper
88 100
58 66.0 0.0 0.0#
43 37.2 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: 3.72 ng

RT: 3.54 min Scan# 94

Delta R.T. 0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Instrument :

BNA_F

ClientSampleId :

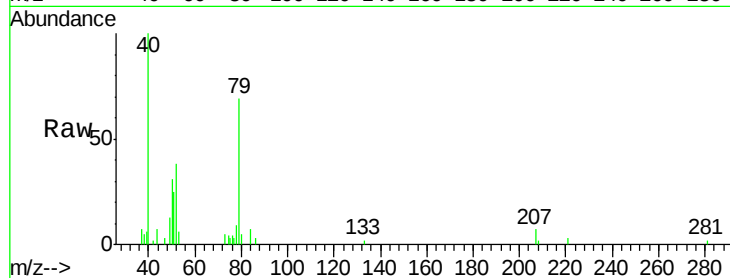
Tot Ion: 79 Resp: 19274

Ion Ratio Lower Upper

79 100

52 54.7 51.1 76.7

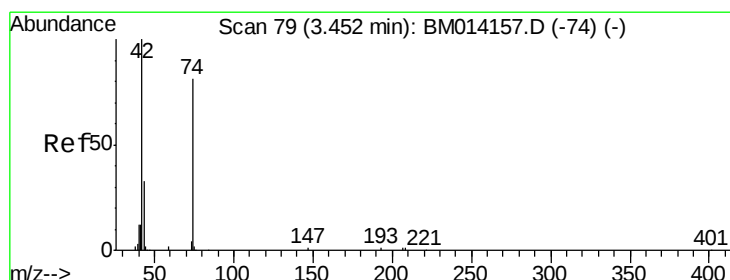
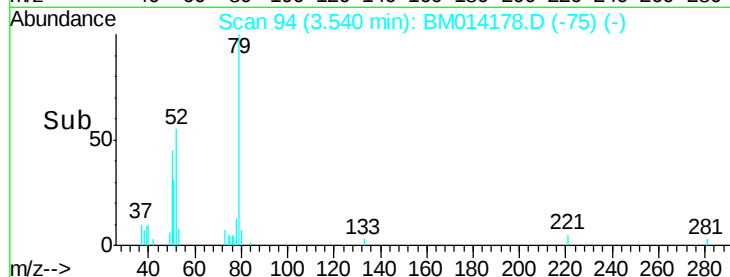
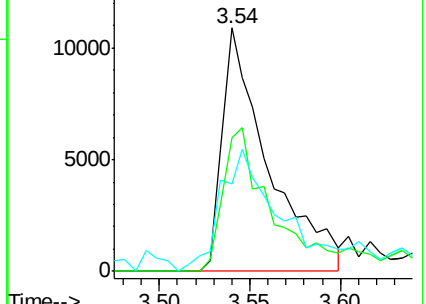
51 36.0 26.1 39.1



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: 4.29 ng

RT: 3.46 min Scan# 81

Delta R.T. 0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

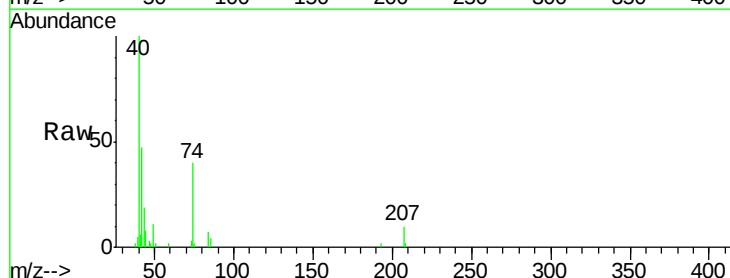
Tgt Ion: 42 Resp: 14168

Ion Ratio Lower Upper

42 100

74 85.6 119.3 178.9#

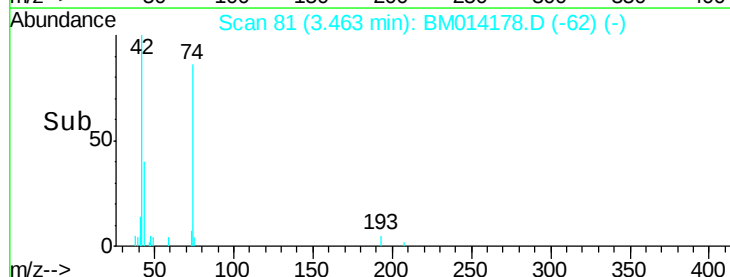
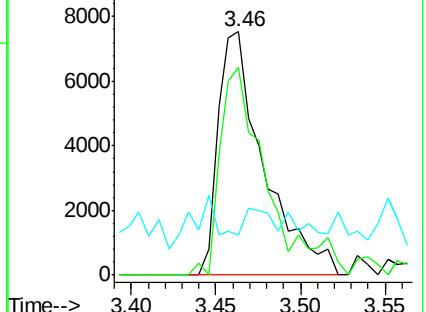
44 16.3 5.4 8.2#

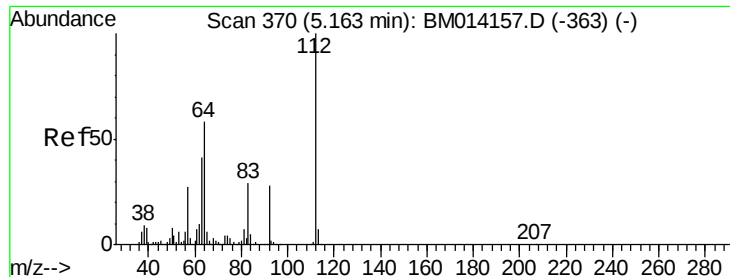


Abundance Ion 42.00 (41.70 to 42.70): BM014157.D (-74) (-)

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: 137.33 ng

RT: 5.16 min Scan# 370

Delta R.T. 0.00 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Instrument :

BNA_F

ClientSampleId :

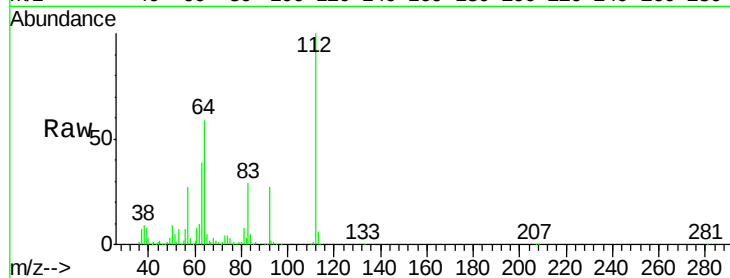
Tot Ion:112 Resp: 625875

Ion Ratio Lower Upper

112 100

64 58.6 38.6 57.8#

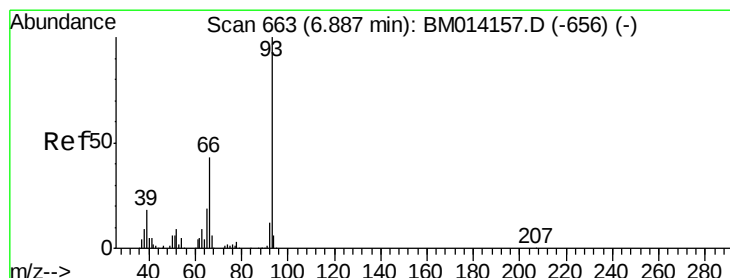
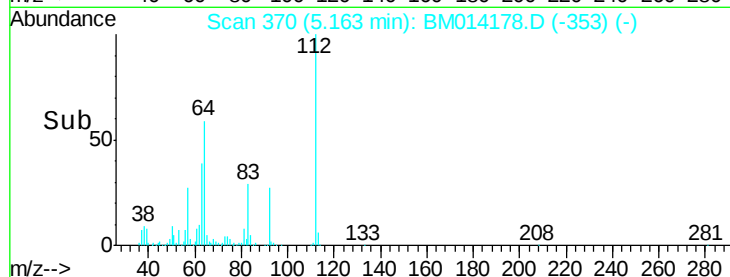
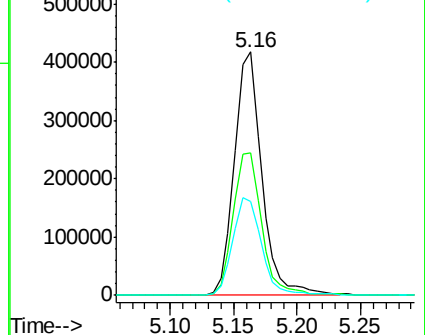
63 38.7 19.3 28.9#



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: 4.52 ng

RT: 6.89 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

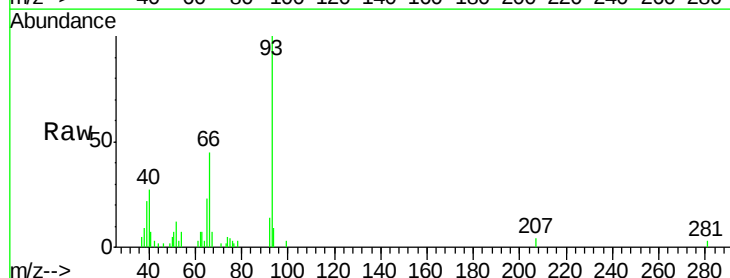
Tgt Ion: 93 Resp: 37200

Ion Ratio Lower Upper

93 100

66 44.8 30.8 46.2

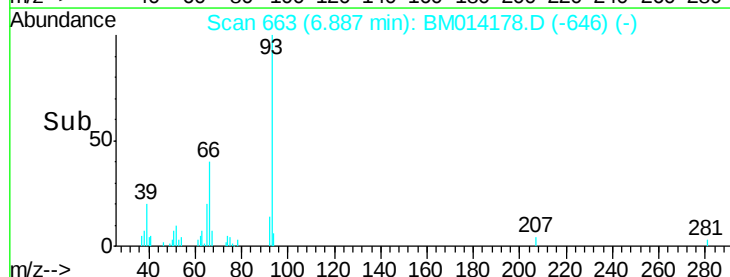
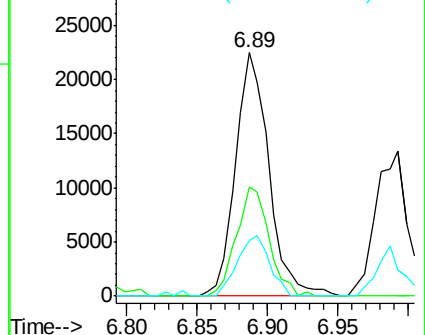
65 22.8 16.0 24.0

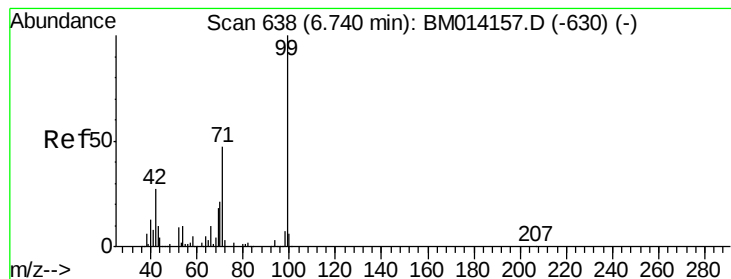


Abundance Ion 93.00 (92.70 to 93.70): BM0

Ion 66.00 (65.70 to 66.70): BM0

Ion 65.00 (64.70 to 65.70): BM0





#7

Phenol-d6

Concen: 132.55 ng

RT: 6.73 min Scan# 637

Delta R.T. -0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Instrument :

BNA_F

ClientSampled :

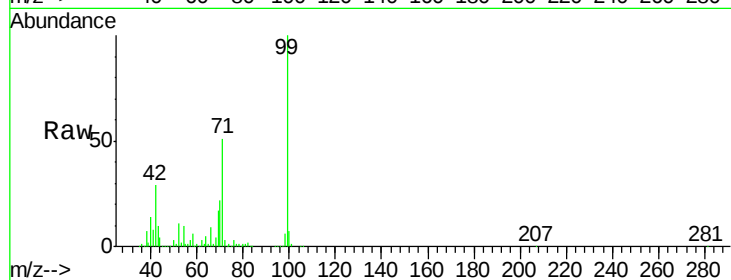
Tot Ion: 99 Resp: 855549

Ion Ratio Lower Upper

99 100

42 29.0 11.0 16.4#

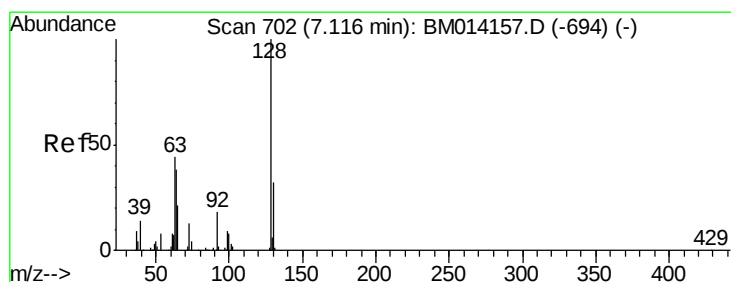
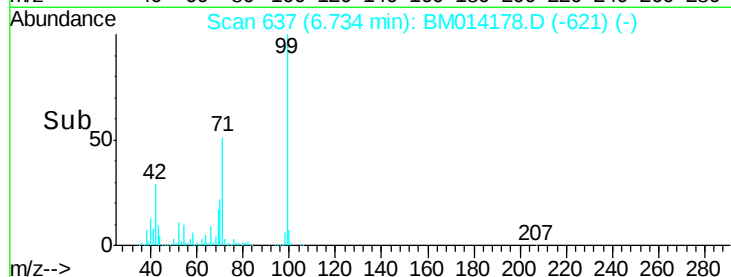
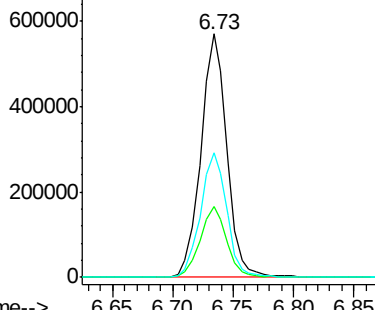
71 51.3 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM014178.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM014178.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM014178.D (-621) (-)



#8

2-Chlorophenol

Concen: 4.69 ng

RT: 7.11 min Scan# 701

Delta R.T. -0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

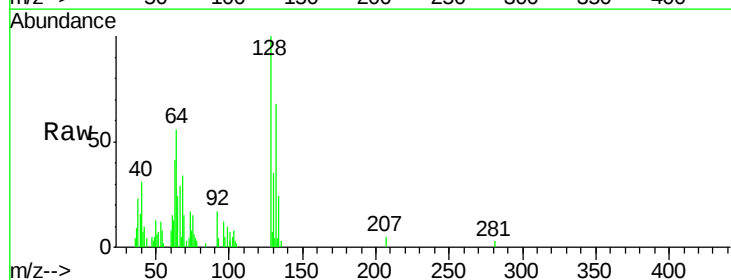
Tgt Ion: 128 Resp: 24275

Ion Ratio Lower Upper

128 100

130 34.8 12.0 52.0

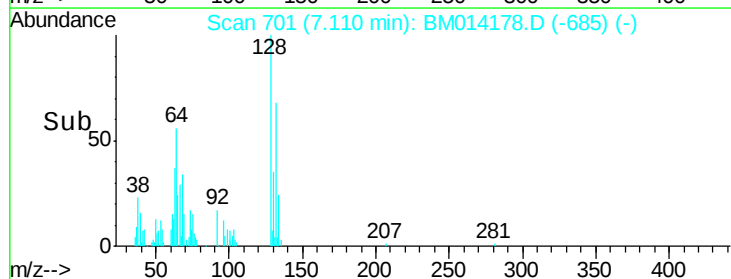
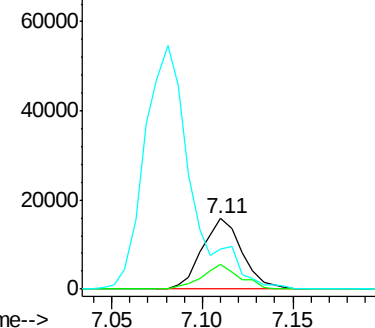
64 56.2 24.9 64.9

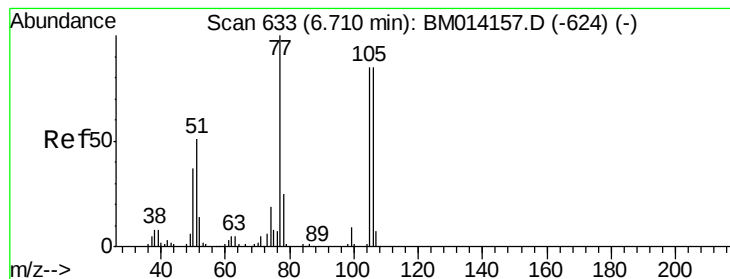


Abundance Ion 128.00 (127.70 to 128.70): BM014178.D (-685) (-)

Ion 130.00 (129.70 to 130.70): BM014178.D (-685) (-)

Ion 64.00 (63.70 to 64.70): BM014178.D (-685) (-)





#9

Benzaldehyde

Concen: 3.85 ng

RT: 6.72 min Scan# 634

Delta R.T. 0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Instrument :

BNA_F

ClientSampleId :

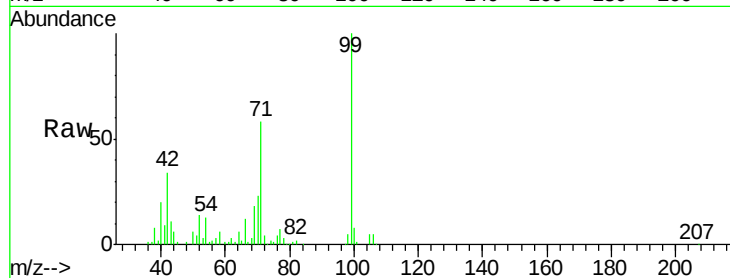
Tot Ion: 77 Resp: 17875

Ion Ratio Lower Upper

77 100

105 81.3 78.8 118.8

106 71.0 73.7 113.7#

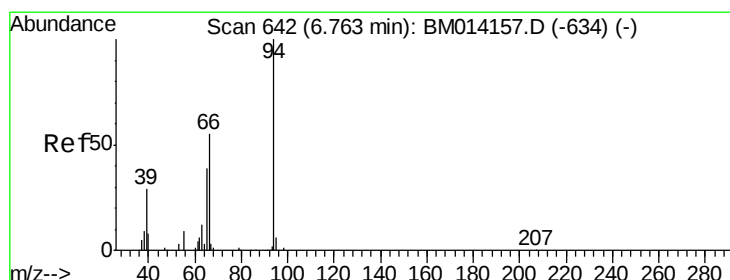
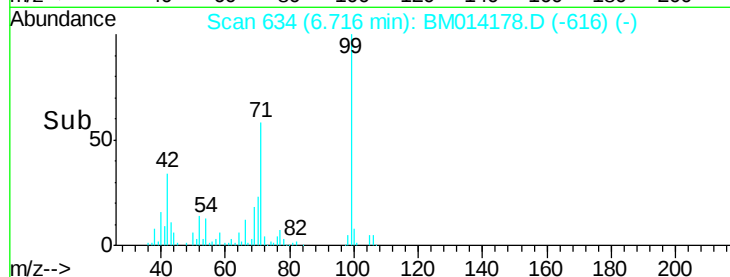
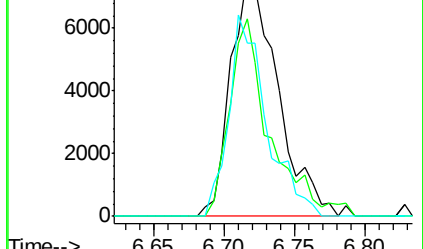


Abundance Ion 77.00 (76.70 to 77.70): BM014157.D (-624) (-)

Ion 105.00 (104.70 to 105.70): BM014157.D (-624) (-)

Ion 106.00 (105.70 to 106.70): BM014157.D (-624) (-)

Time-->



#10

Phenol

Concen: 4.66 ng

RT: 6.76 min Scan# 641

Delta R.T. -0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

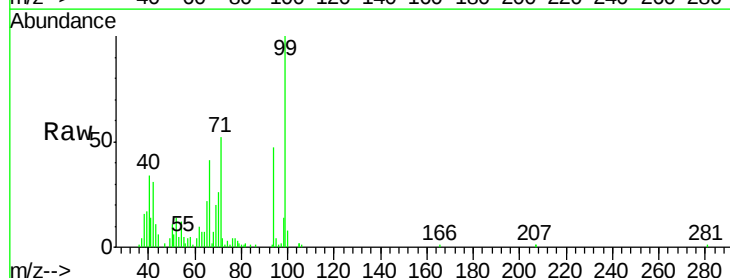
Tgt Ion: 94 Resp: 29720

Ion Ratio Lower Upper

94 100

65 47.6 18.8 58.8

66 86.8 39.9 79.9#

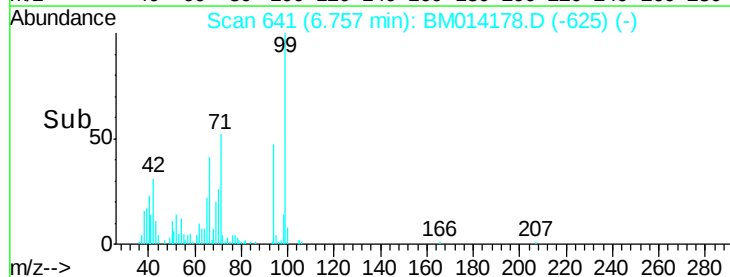
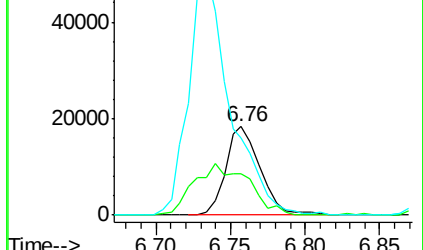


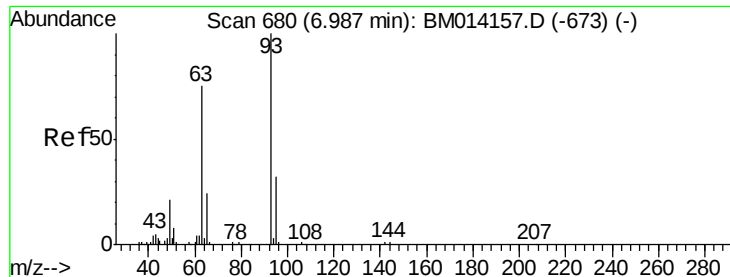
Abundance Ion 94.00 (93.70 to 94.70): BM014157.D (-634) (-)

Ion 65.00 (64.70 to 65.70): BM014157.D (-634) (-)

Ion 66.00 (65.70 to 66.70): BM014157.D (-634) (-)

Time-->

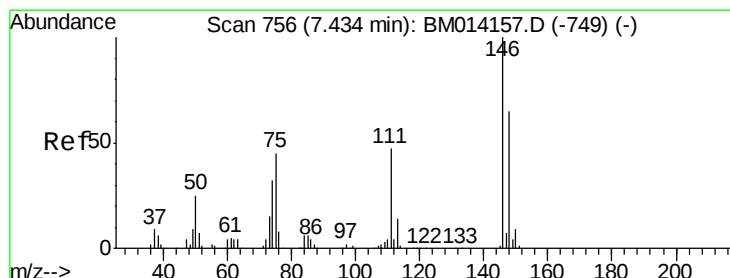
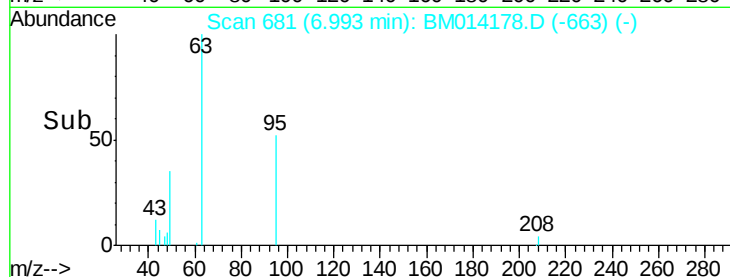
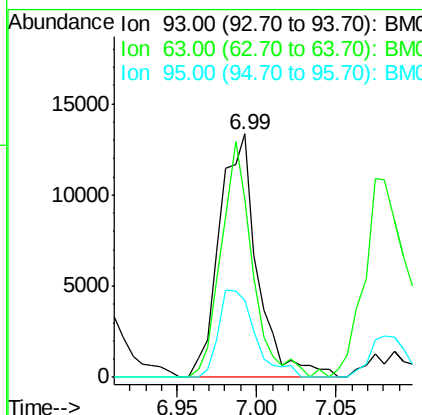
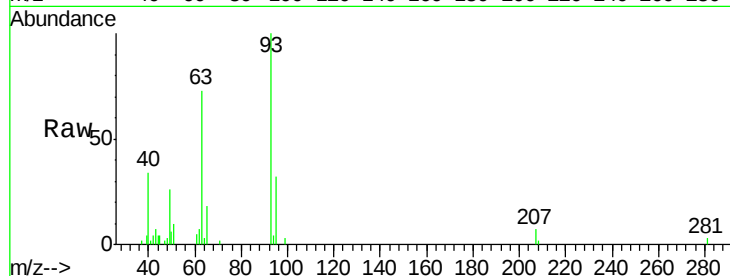




#11
bis(2-Chloroethyl)ether
Concen: 4.42 ng
RT: 6.99 min Scan# 681
Delta R.T. 0.01 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

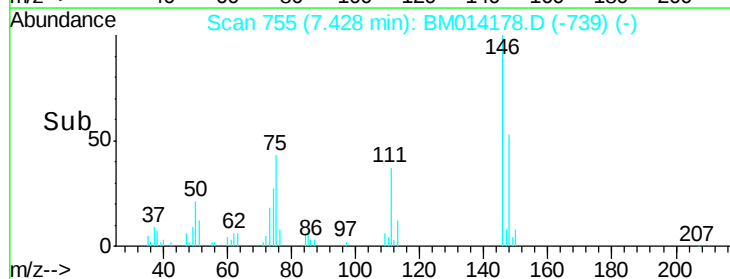
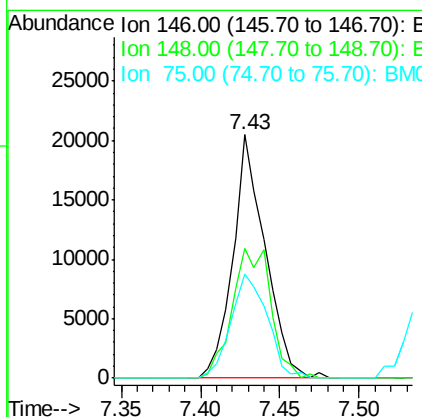
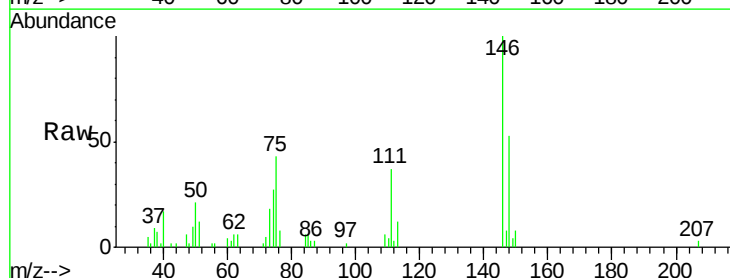
Instrument :
BNA_F
ClientSampleId :

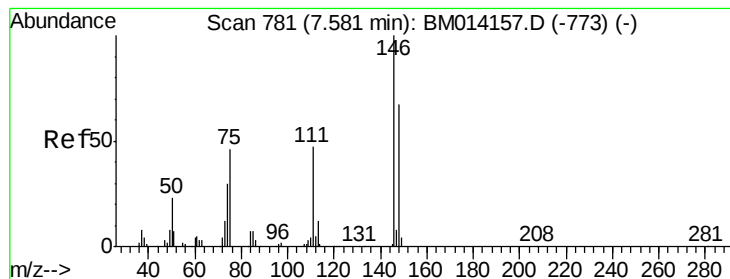
Tot Ion: 93 Resp: 22266
Ion Ratio Lower Upper
93 100
63 73.5 49.5 89.5
95 31.7 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 4.46 ng
RT: 7.43 min Scan# 755
Delta R.T. -0.01 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Tgt Ion: 146 Resp: 28889
Ion Ratio Lower Upper
146 100
148 53.4 50.9 76.3
75 42.6 21.4 32.2#





#13

1,4-Dichlorobenzene

Concen: 4.55 ng

RT: 7.58 min Scan# 781

Delta R.T. -0.00 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Instrument :

BNA_F

ClientSampleId :

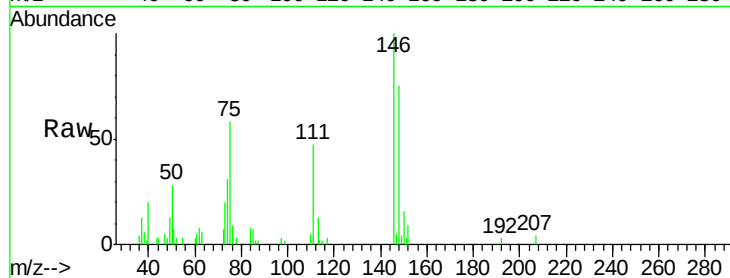
Tot Ion:146 Resp: 29601

Ion Ratio Lower Upper

146 100

148 75.0 51.9 77.9

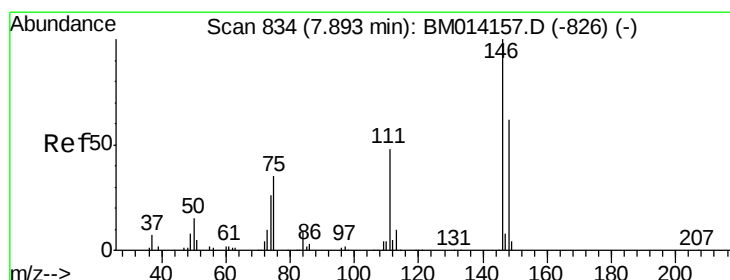
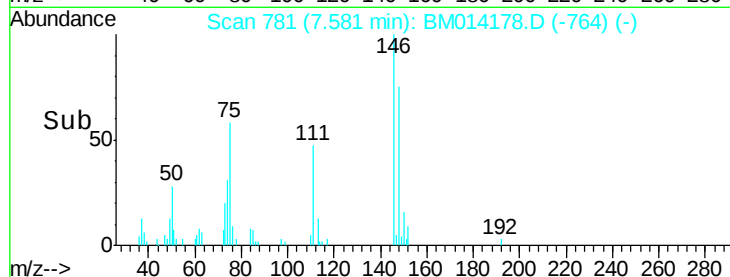
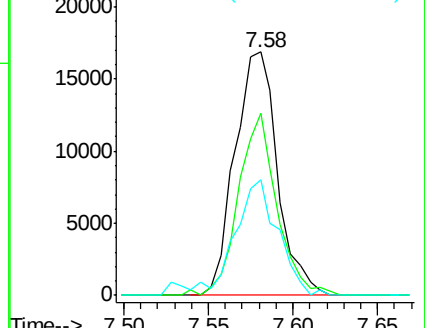
111 47.3 29.2 43.8#



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: 4.56 ng

RT: 7.89 min Scan# 833

Delta R.T. -0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

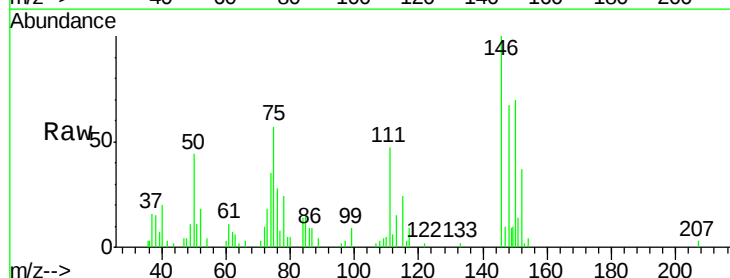
Tgt Ion:146 Resp: 29819

Ion Ratio Lower Upper

146 100

148 67.1 52.3 78.5

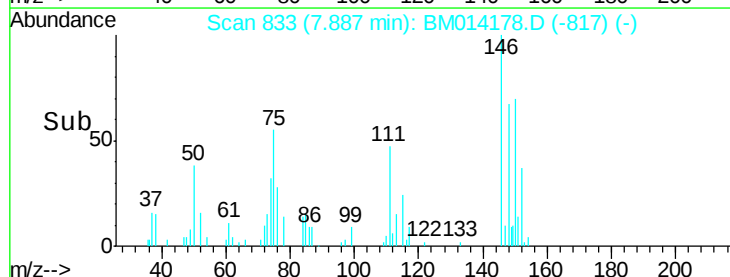
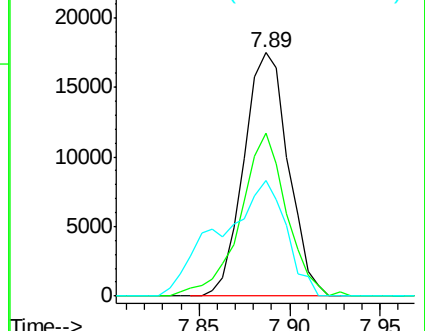
111 47.5 30.6 45.8#

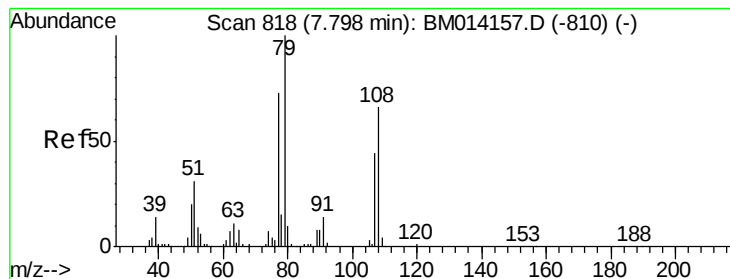


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 3.55 ng

RT: 7.80 min Scan# 819

Delta R.T. 0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Instrument :
BNA_F
ClientSampled :

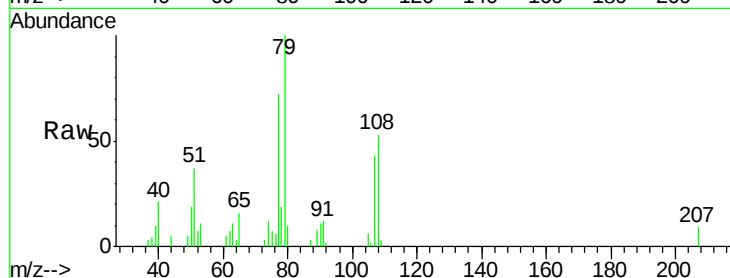
Tot Ion: 79 Resp: 21257

Ion Ratio Lower Upper

79 100

108 53.4 65.0 97.4#

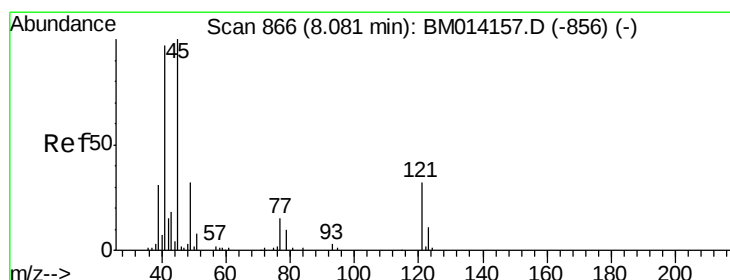
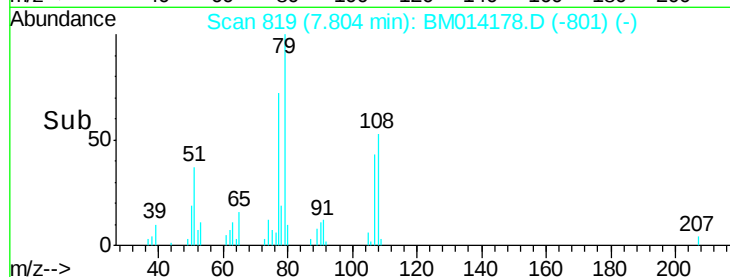
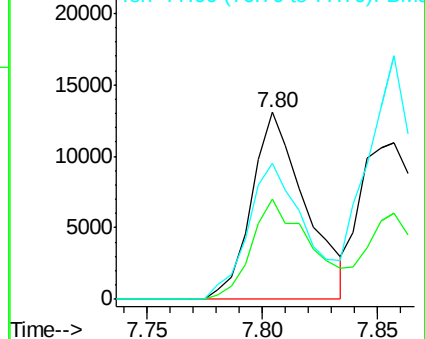
77 72.5 53.0 79.6



Abundance Ion 79.00 (78.70 to 79.70): BM014178.D (-819) (-)

Ion 108.00 (107.70 to 108.70): BM014178.D (-819) (-)

Ion 77.00 (76.70 to 77.70): BM014178.D (-819) (-)



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.70 ng

RT: 8.07 min Scan# 865

Delta R.T. -0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

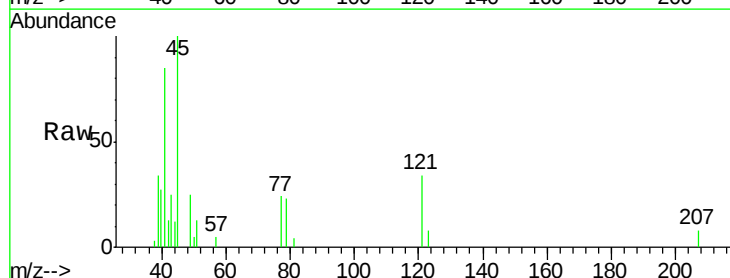
Tgt Ion: 45 Resp: 24104

Ion Ratio Lower Upper

45 100

77 23.6 0.0 35.2

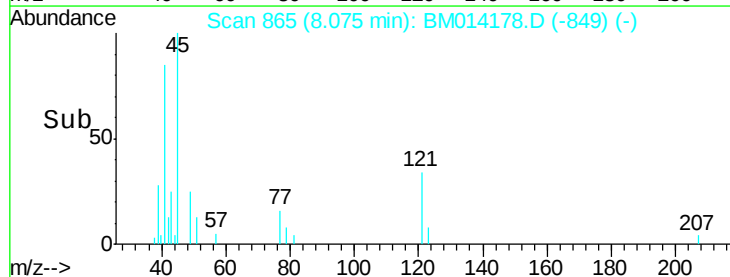
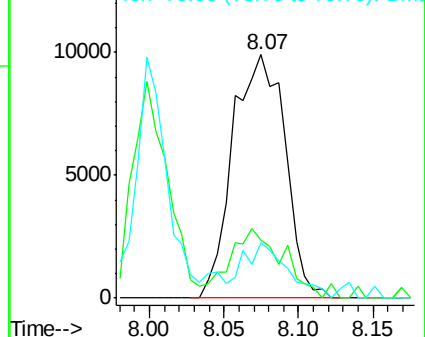
79 22.5 0.0 32.0

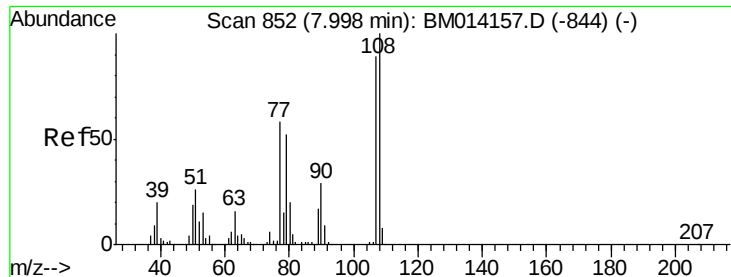


Abundance Ion 45.00 (44.70 to 45.70): BM014178.D (-849) (-)

Ion 77.00 (76.70 to 77.70): BM014178.D (-849) (-)

Ion 79.00 (78.70 to 79.70): BM014178.D (-849) (-)

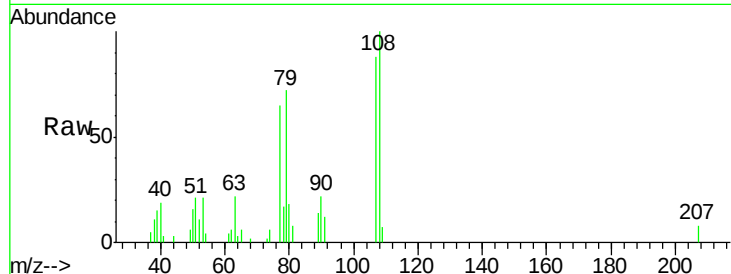




#17
2-Methylphenol
Concen: 4.13 ng
RT: 8.00 min Scan# 852
Delta R.T. -0.00 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.8	134.8
77	73.3	32.6	48.8#
79	81.4	32.8	49.2#



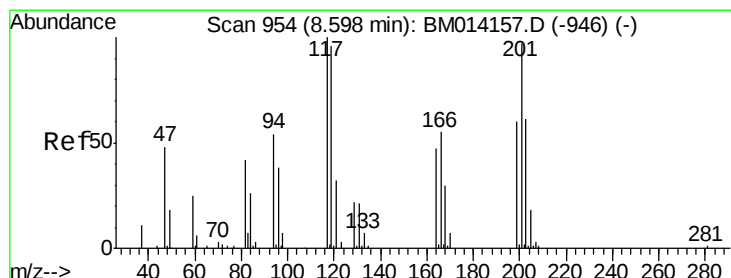
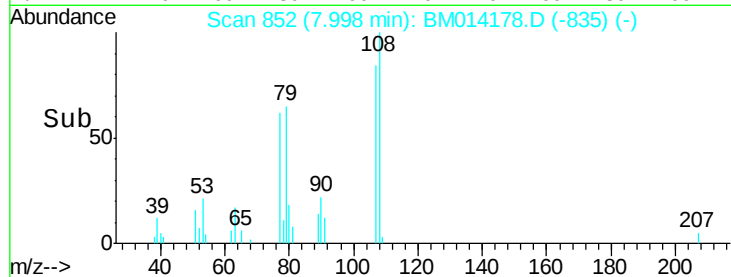
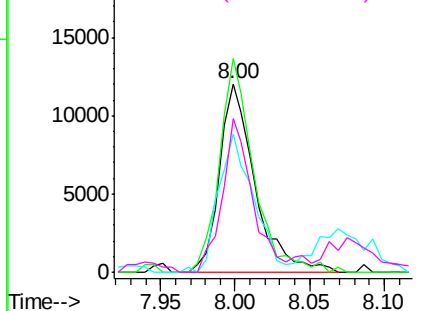
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

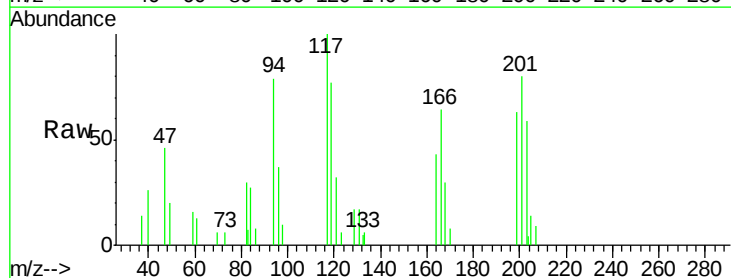
Ion 77.00 (76.70 to 77.70): BM0

Ion 79.00 (78.70 to 79.70): BM0



#18
Hexachloroethane
Concen: 4.55 ng
RT: 8.59 min Scan# 953
Delta R.T. -0.01 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Tgt Ion	Ratio	Lower	Upper
117	100		
119	77.4	79.2	118.8#
201	79.8	69.8	104.6

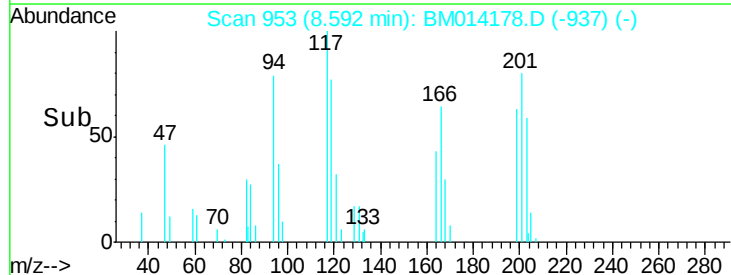
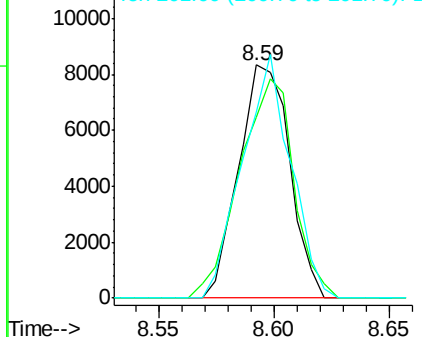


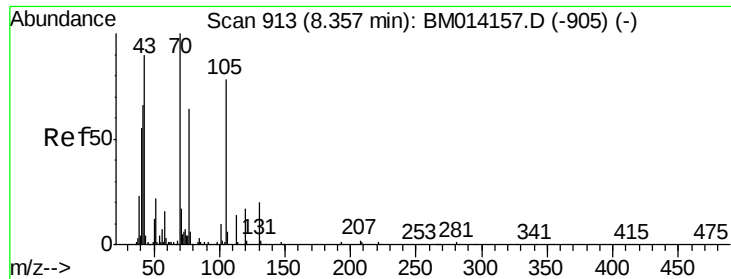
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

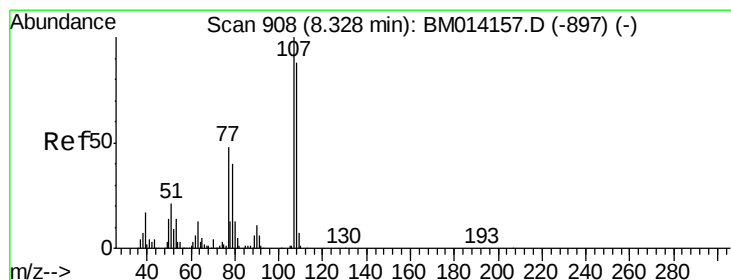
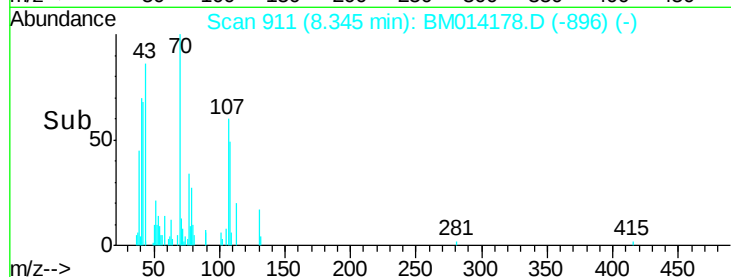
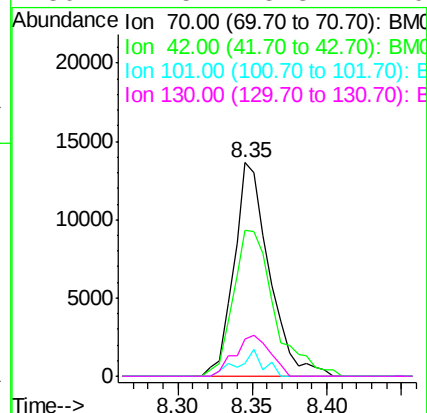
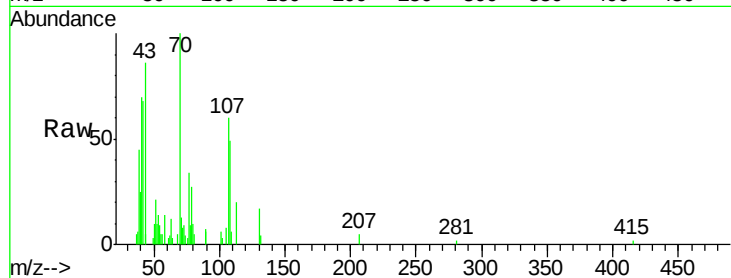




#19
n-Nitroso-di-n-propylamine
Concen: 4.04 ng
RT: 8.35 min Scan# 911
Delta R.T. -0.01 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

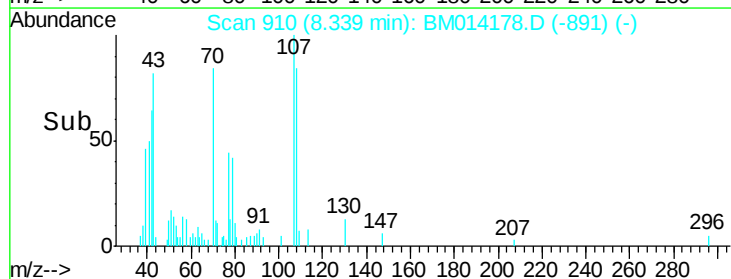
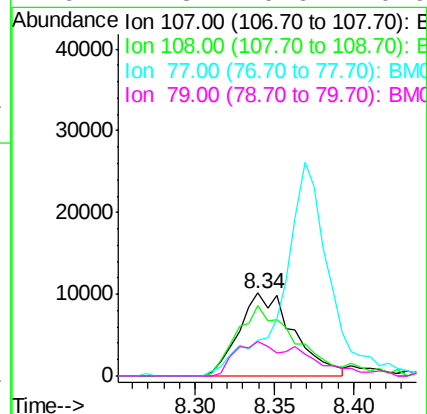
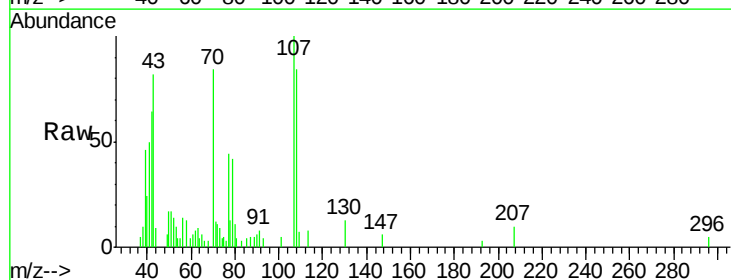
Instrument :
BNA_F
ClientSampleId :

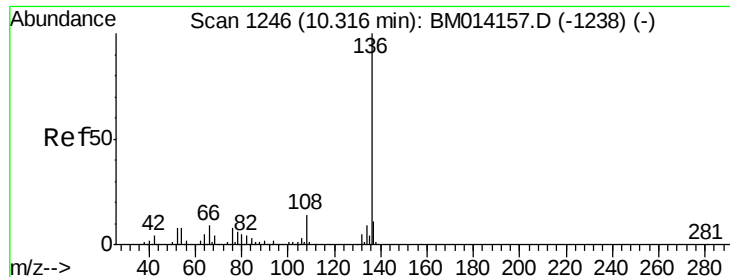
Tot Ion: 70 Resp: 22452
Ion Ratio Lower Upper
70 100
42 68.5 44.5 66.7#
101 6.1 7.4 11.2#
130 17.5 15.3 22.9



#20
3+4-Methylphenols
Concen: 3.45 ng
RT: 8.34 min Scan# 910
Delta R.T. 0.01 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Tgt Ion: 107 Resp: 24394
Ion Ratio Lower Upper
107 100
108 84.0 73.2 113.2
77 43.8 10.7 50.7
79 42.3 9.6 49.6

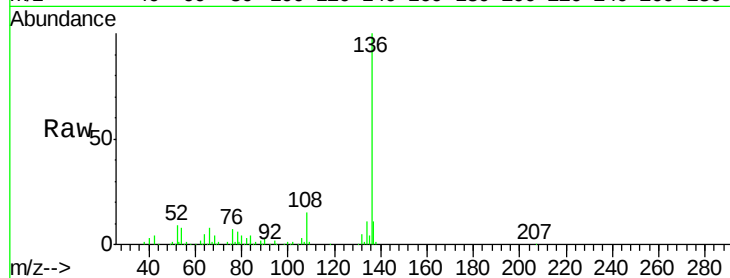




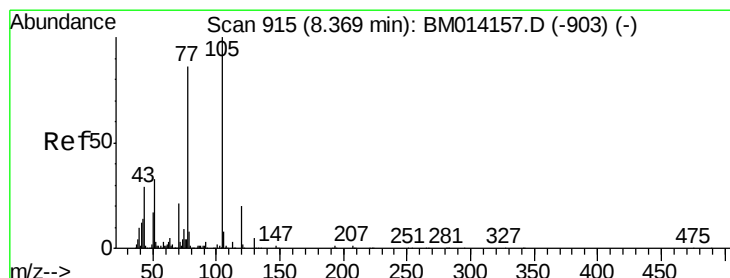
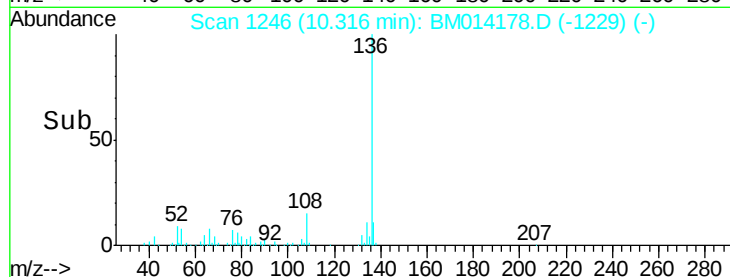
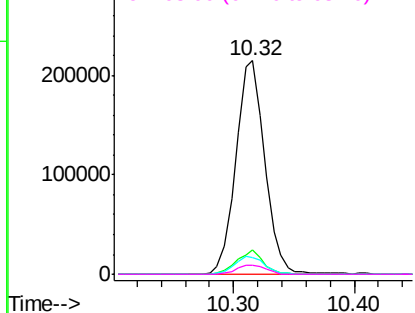
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.32 min Scan# 1246
Delta R.T. -0.00 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	360631
Ion	Ratio	Lower Upper
136	100	
137	11.3	8.7 13.1
54	7.6	4.6 6.8#
68	4.0	3.7 5.5

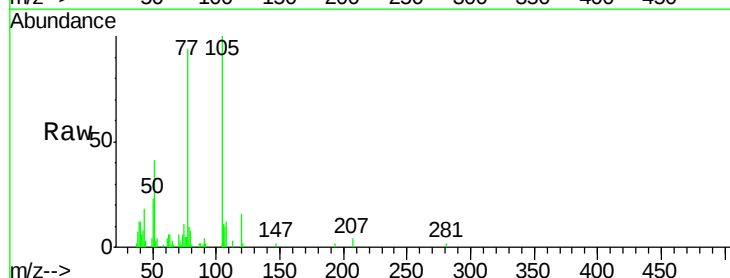


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BM0
Ion 68.00 (67.70 to 68.70): BM0

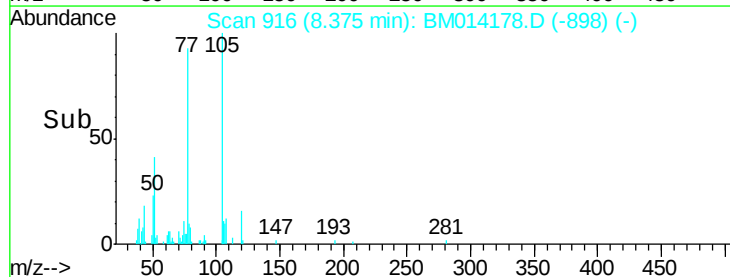
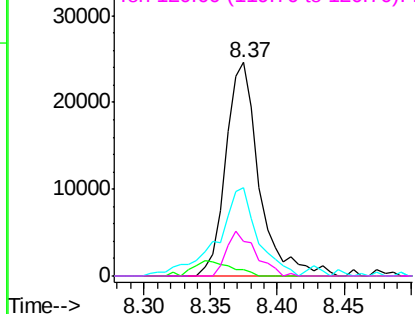


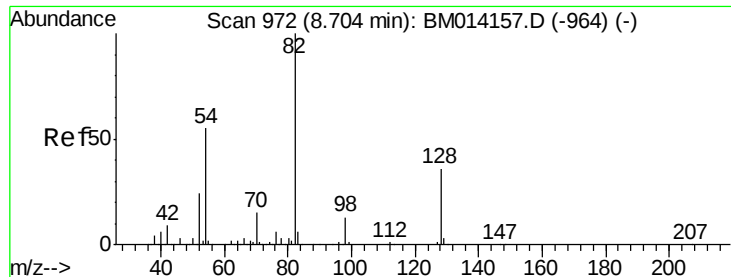
#22
Acetophenone
Concen: 4.15 ng
RT: 8.37 min Scan# 916
Delta R.T. 0.01 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Tgt Ion:105	Resp:	43073
Ion	Ratio	Lower Upper
105	100	
71	3.0	0.6 1.0#
51	41.2	21.6 32.4#
120	16.5	16.1 24.1



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

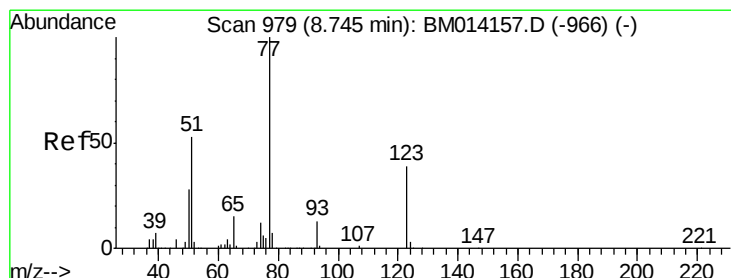
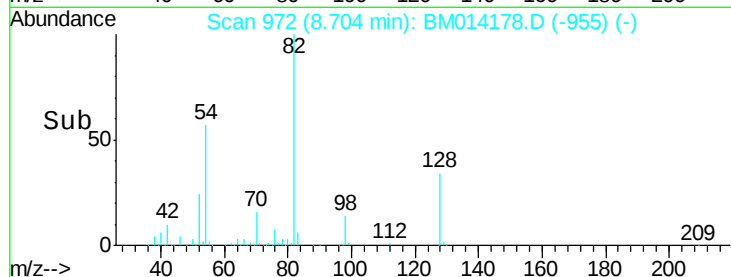
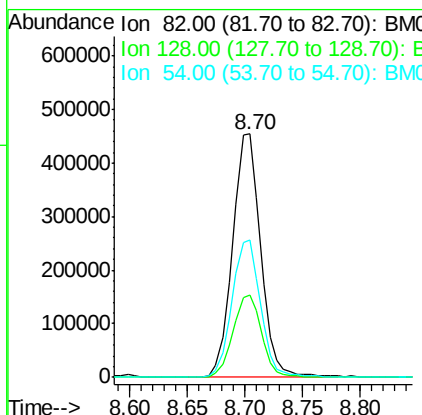
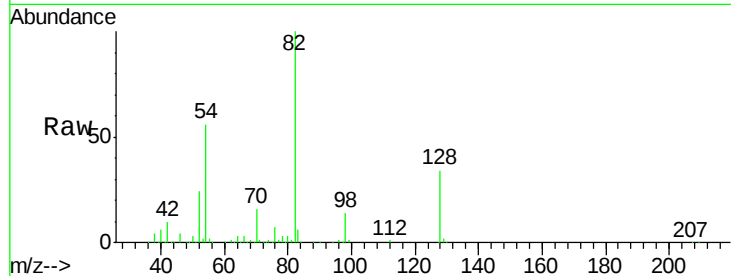




#23
 Nitrobenzene-d5
 Concen: 95.31 ng
 RT: 8.70 min Scan# 972
 Delta R.T. -0.00 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

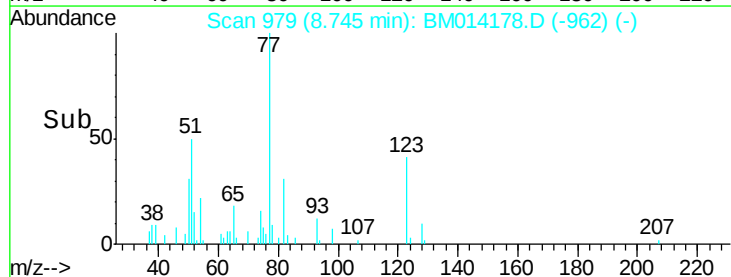
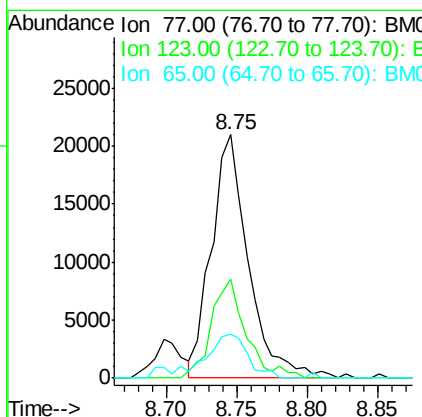
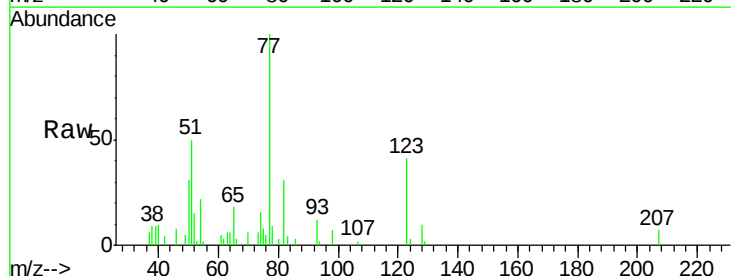
Instrument :
 BNA_F
 ClientSampleId :

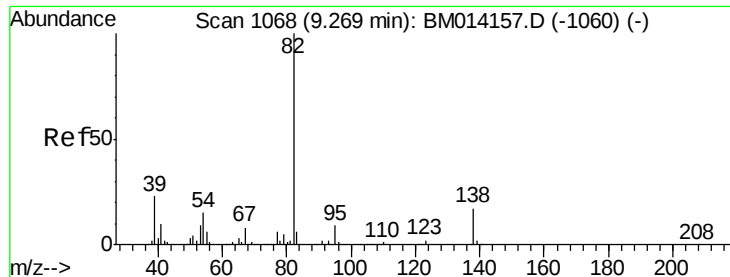
Tot Ion	82	Resp	769467
Ion Ratio	Lower	Upper	
82	100		
128	33.6	32.8	49.2
54	56.3	40.6	60.8



#24
 Nitrobenzene
 Concen: 4.61 ng
 RT: 8.75 min Scan# 979
 Delta R.T. -0.00 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

Tgt Ion	77	Resp	38291
Ion Ratio	Lower	Upper	
77	100		
123	40.5	32.6	49.0
65	17.9	10.9	16.3#





#25

Isophorone

Concen: 3.99 ng

RT: 9.26 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Instrument :

BNA_F

ClientSampleId :

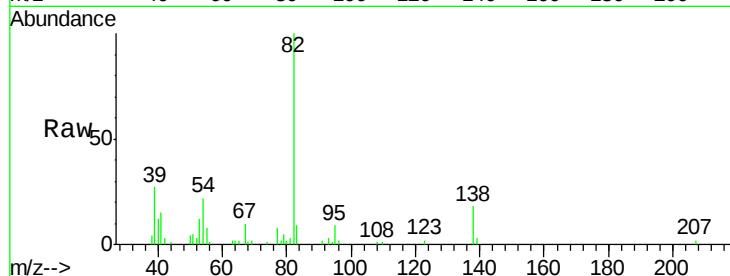
Tot Ion: 82 Resp: 53373

Ion Ratio Lower Upper

82 100

95 8.8 5.8 8.6#

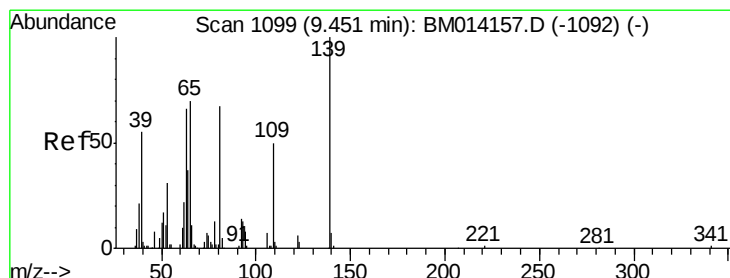
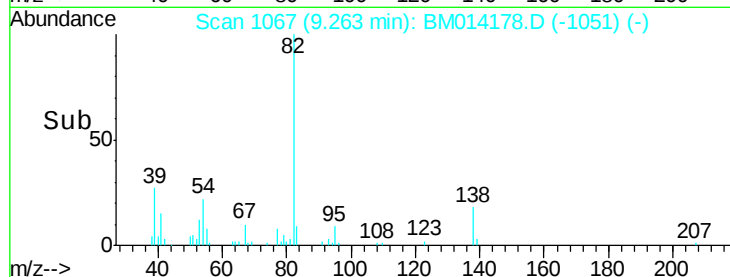
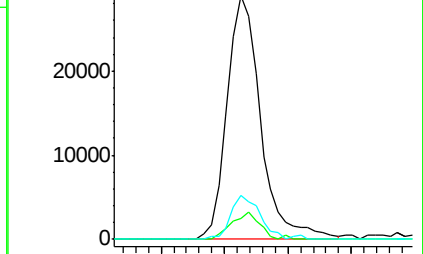
138 18.1 16.3 24.5



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: 3.47 ng

RT: 9.46 min Scan# 1101

Delta R.T. 0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

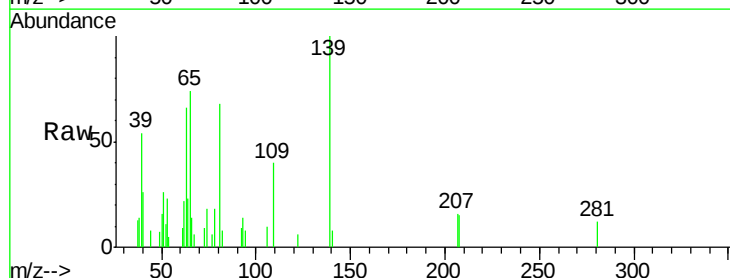
Tgt Ion: 139 Resp: 10876

Ion Ratio Lower Upper

139 100

109 39.9 20.1 30.1#

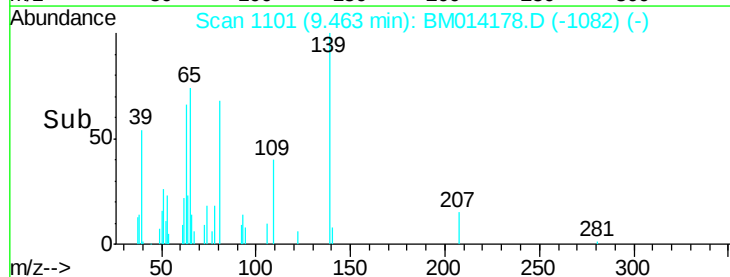
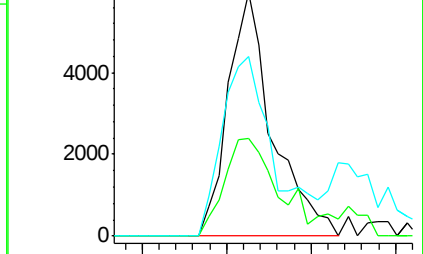
65 73.7 31.5 47.3#

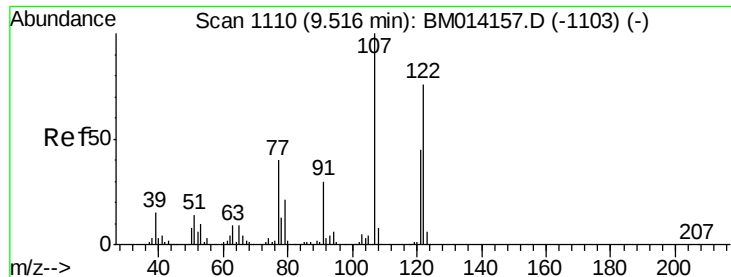


Abundance Ion 139.00 (138.70 to 139.70): BM014157.D (-1092) (-)

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

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

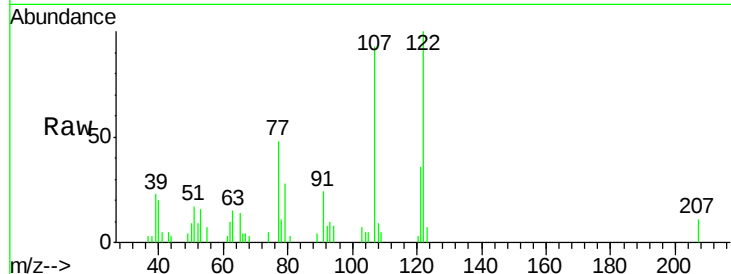




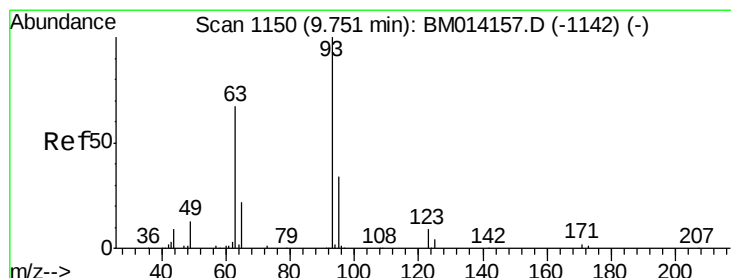
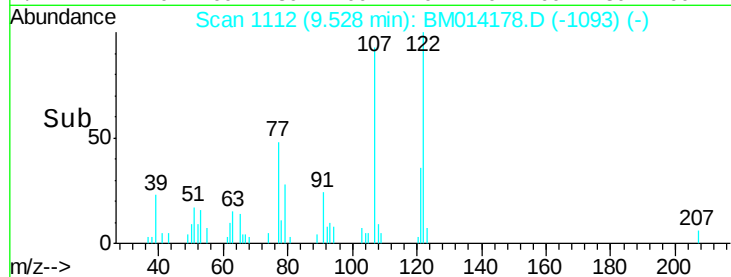
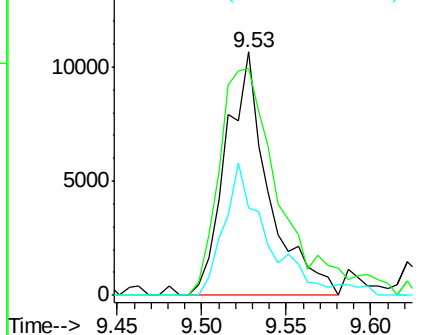
#27
 2,4-Dimethylphenol
 Concen: 3.94 ng
 RT: 9.53 min Scan# 1112
 Delta R.T. 0.01 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 18818
 Ion Ratio Lower Upper
 122 100
 107 93.1 84.7 127.1
 121 35.8 46.6 69.8#

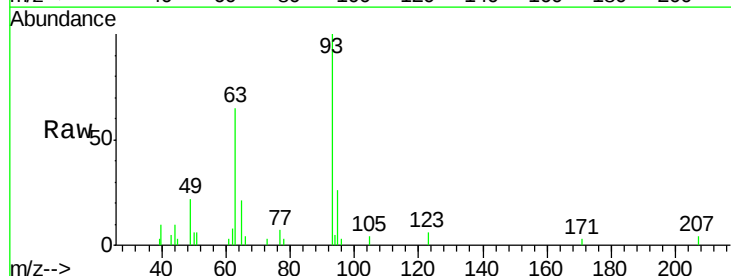


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

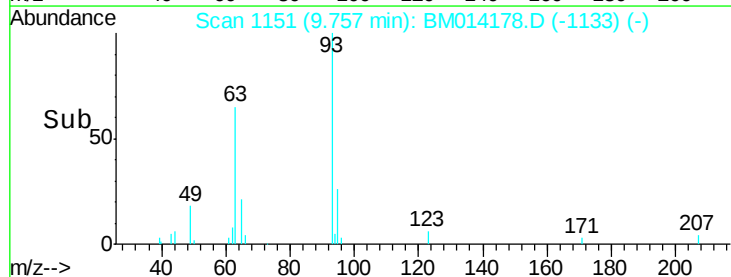
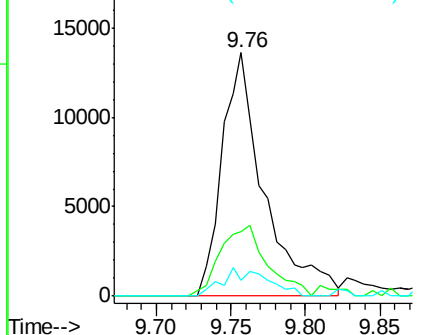


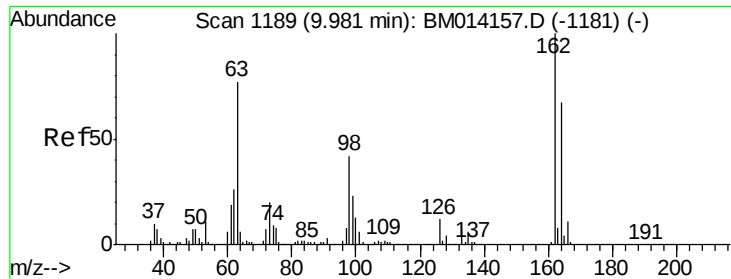
#28
 bis(2-Chloroethoxy)methane
 Concen: 3.90 ng
 RT: 9.76 min Scan# 1151
 Delta R.T. 0.01 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

Tgt Ion: 93 Resp: 26741
 Ion Ratio Lower Upper
 93 100
 95 26.5 25.5 38.3
 123 6.4 8.6 13.0#



Abundance Ion 93.00 (92.70 to 93.70): BM0
 Ion 95.00 (94.70 to 95.70): BM0
 Ion 123.00 (122.70 to 123.70): E

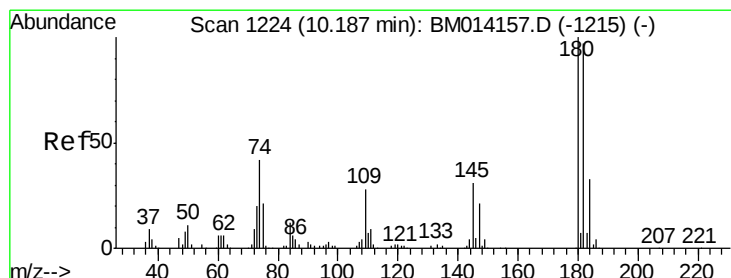
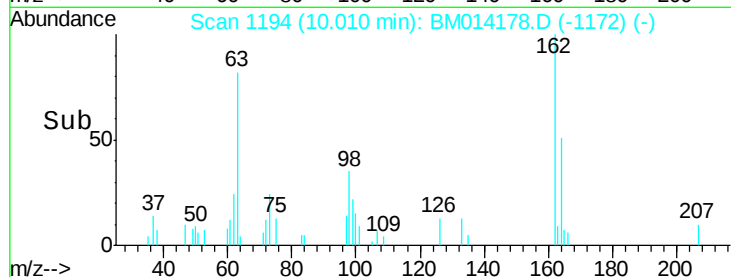
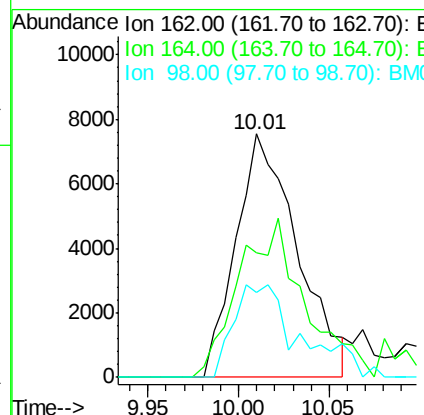
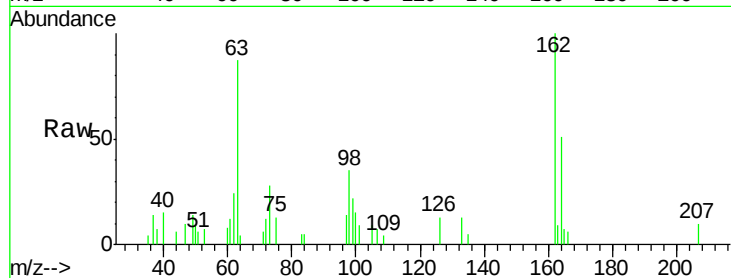




#29
 2,4-Dichlorophenol
 Concen: 3.34 ng
 RT: 10.01 min Scan# 1194
 Delta R.T. 0.03 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

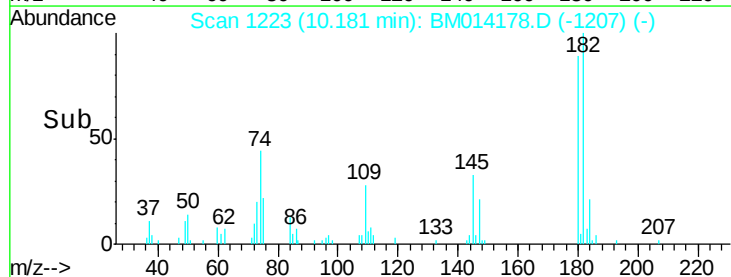
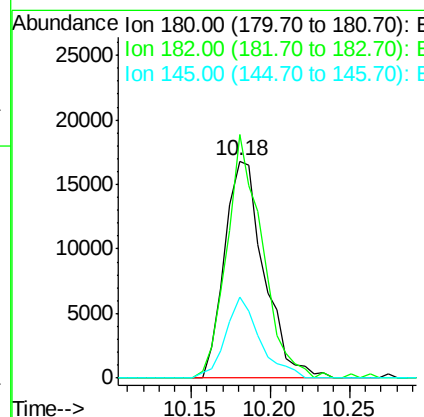
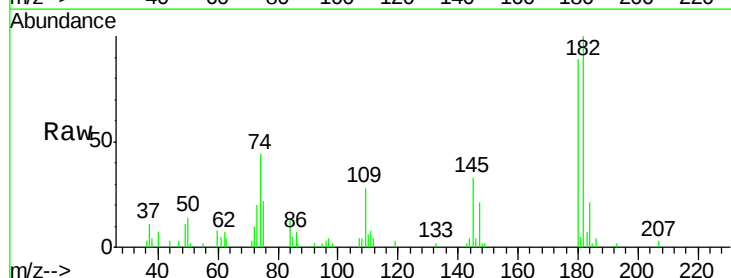
Instrument :
 BNA_F
 ClientSampleId :

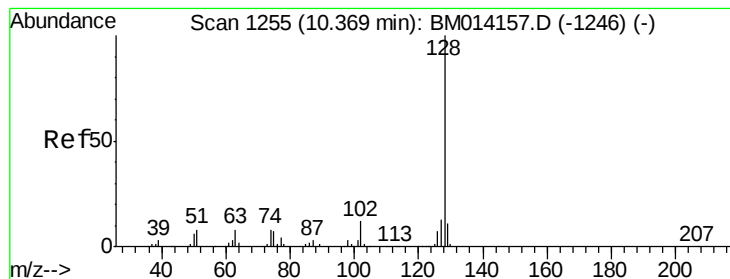
Tot Ion:162 Resp: 17811
 Ion Ratio Lower Upper
 162 100
 164 51.1 42.8 82.8
 98 34.9 14.5 54.5



#30
 1,2,4-Trichlorobenzene
 Concen: 4.15 ng
 RT: 10.18 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

Tgt Ion:180 Resp: 29233
 Ion Ratio Lower Upper
 180 100
 182 112.2 77.6 116.4
 145 41.3 23.4 35.2#

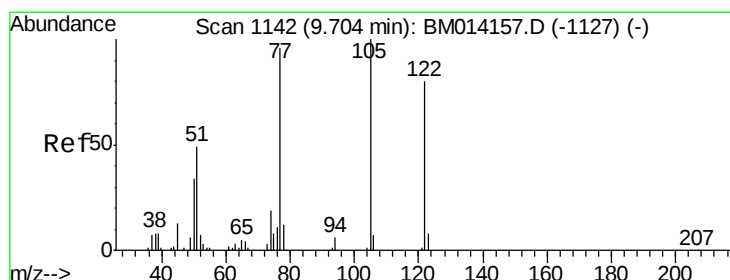
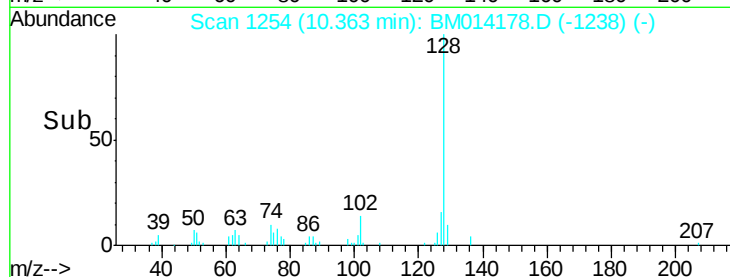
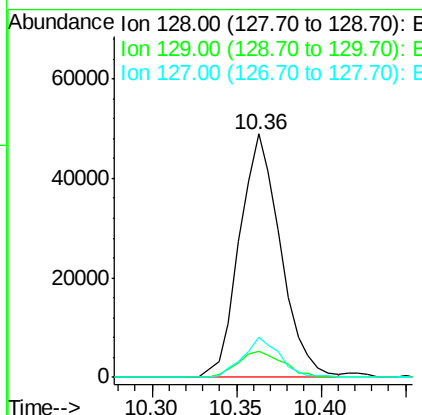
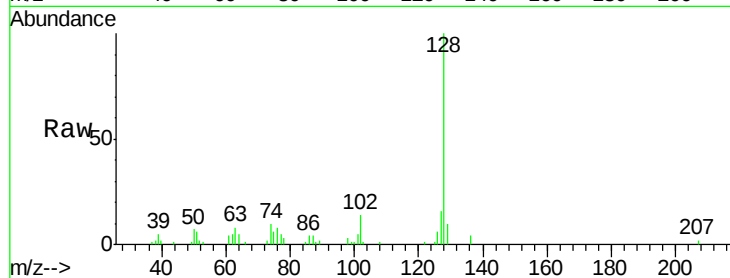




#31
Naphthalene
Concen: 4.19 ng
RT: 10.36 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

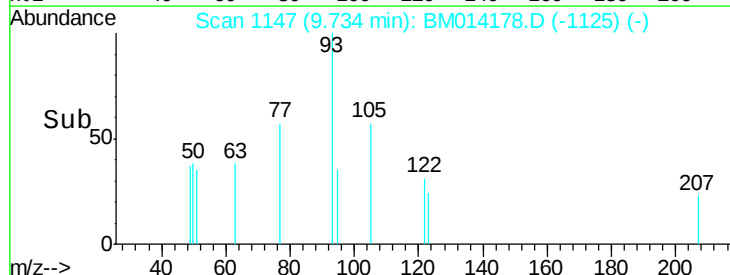
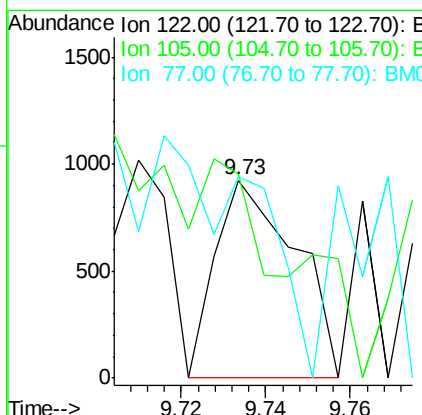
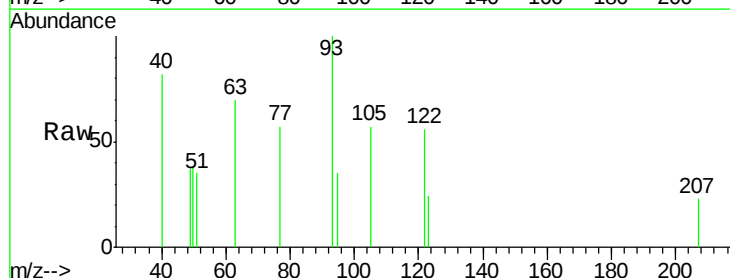
Instrument :
BNA_F
ClientSampleId :

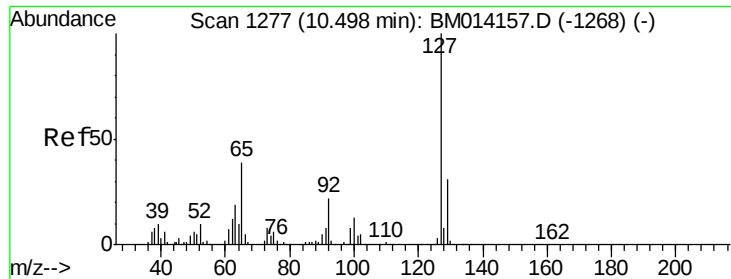
Tot Ion:128 Resp: 82724
Ion Ratio Lower Upper
128 100
129 10.5 8.9 13.3
127 16.3 10.4 15.6#



#32
Benzoic acid
Concen: 6.44 ng
RT: 9.73 min Scan# 1147
Delta R.T. 0.03 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Tgt Ion:122 Resp: 1218
Ion Ratio Lower Upper
122 100
105 102.8 99.9 139.9
77 102.1 73.7 113.7

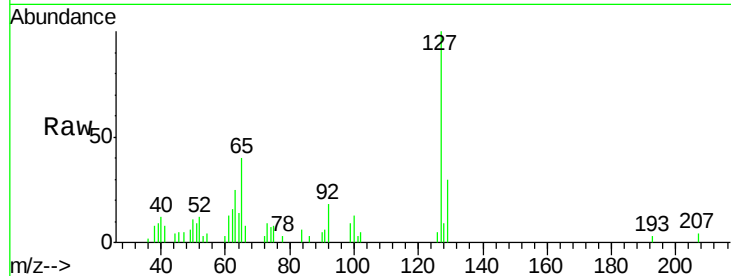




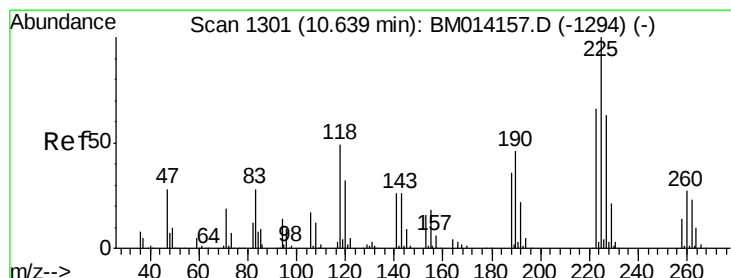
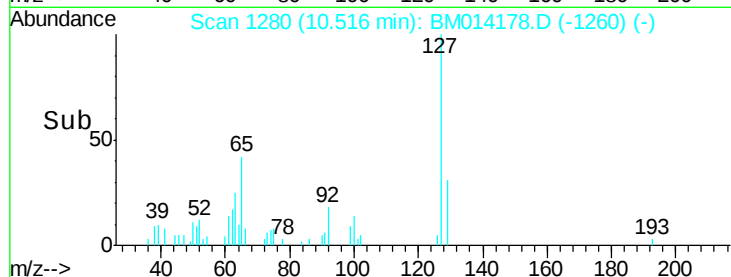
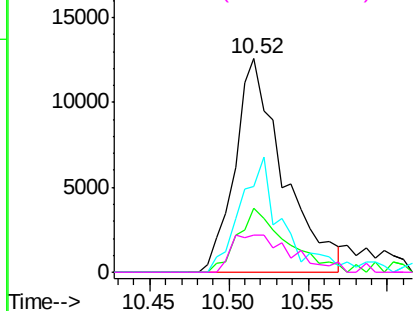
#33
4-Chloroaniline
Concen: 3.27 ng
RT: 10.52 min Scan# 1280
Delta R.T. 0.02 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:127	Resp:	26816
Ion Ratio	Lower	Upper
127	100	
129	30.2	25.3 37.9
65	40.3	17.6 26.4
92	17.5	13.1 19.7

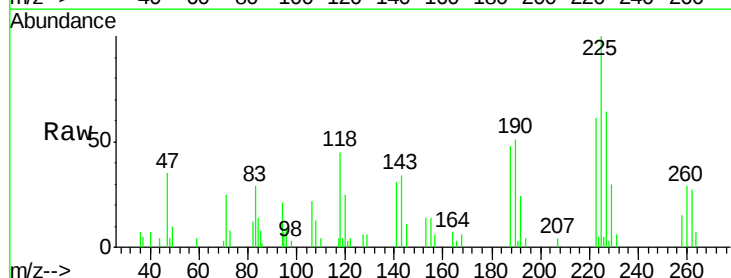


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BM0
Ion 92.00 (91.70 to 92.70): BM0

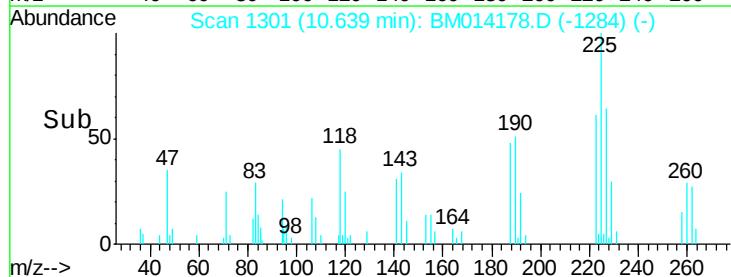
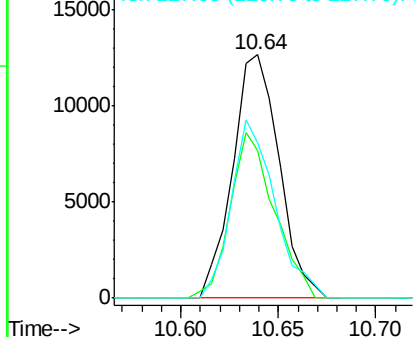


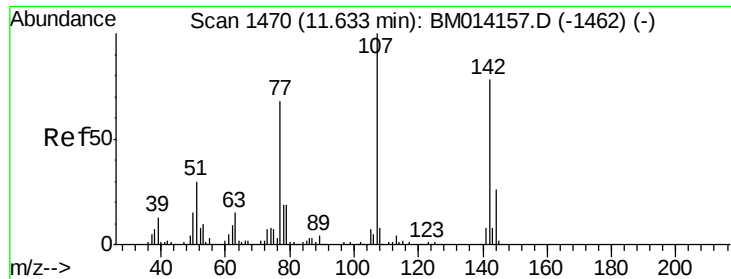
#34
Hexachlorobutadiene
Concen: 4.33 ng
RT: 10.64 min Scan# 1301
Delta R.T. -0.00 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Tgt Ion:225	Resp:	20899
Ion Ratio	Lower	Upper
225	100	
223	60.7	47.9 71.9
227	63.8	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

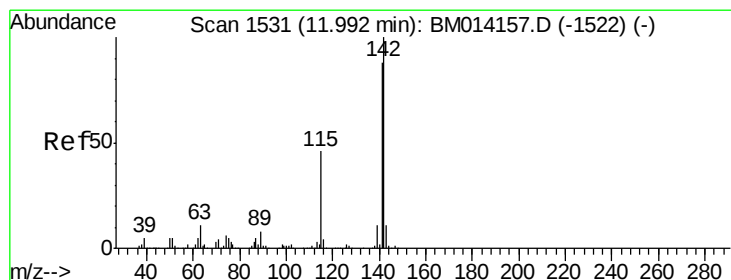
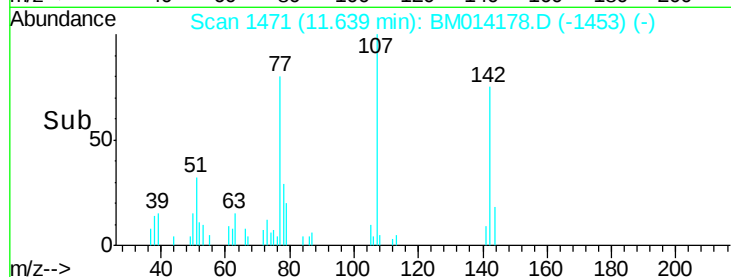
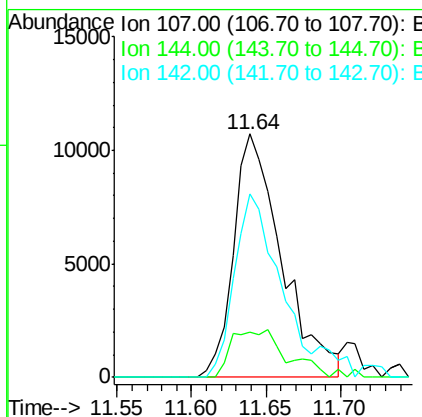
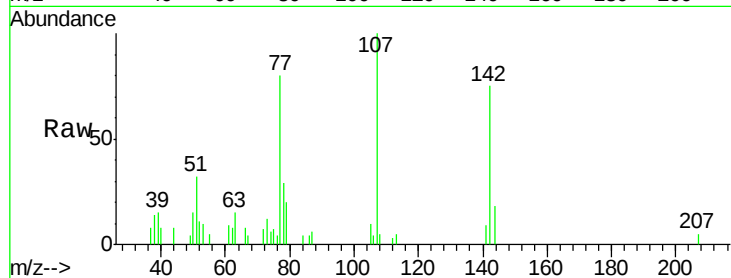




#36
 4-Chloro-3-methylphenol
 Concen: 3.64 ng
 RT: 11.64 min Scan# 1471
 Delta R.T. 0.01 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

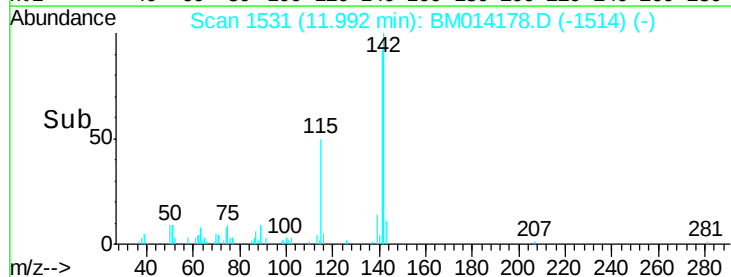
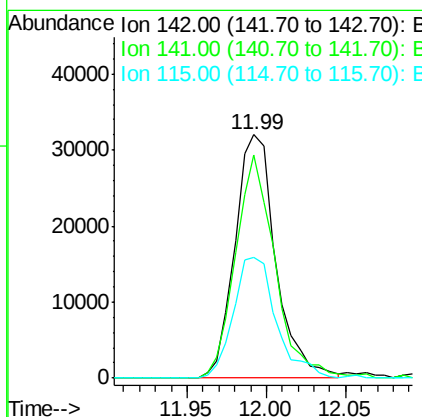
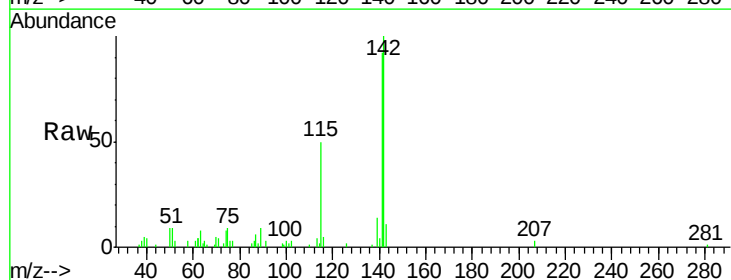
Instrument :
 BNA_F
 ClientSampleId :

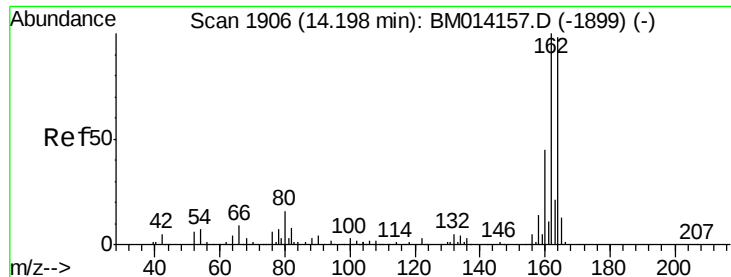
Tot Ion:107 Resp: 24116
 Ion Ratio Lower Upper
 107 100
 144 18.4 23.3 34.9#
 142 75.5 72.6 109.0



#37
 2-Methylnaphthalene
 Concen: 3.85 ng
 RT: 11.99 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

Tgt Ion:142 Resp: 57323
 Ion Ratio Lower Upper
 142 100
 141 91.8 71.9 107.9
 115 49.6 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: BM014178.D

Acq: 08 Feb 2018 01:29

Instrument :

BNA_F

ClientSampleId :

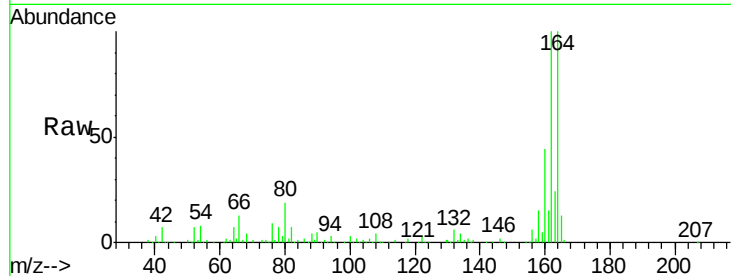
Tot Ion:164 Resp: 244909

Ion Ratio Lower Upper

164 100

162 99.7 82.4 123.6

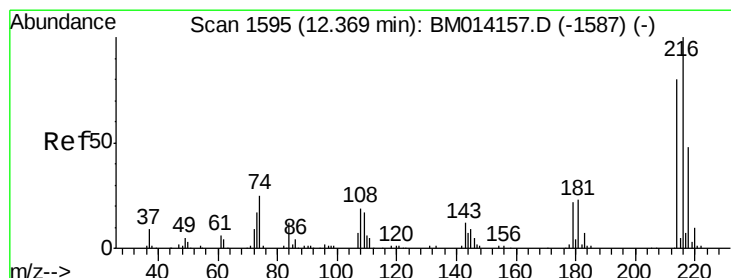
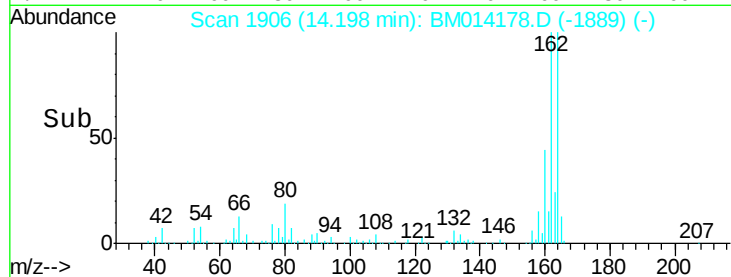
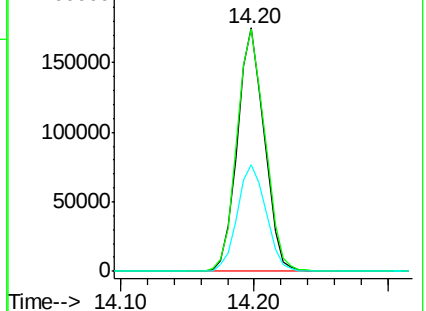
160 44.0 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 4.59 ng

RT: 12.37 min Scan# 1595

Delta R.T. -0.00 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Tgt Ion:216 Resp: 39346

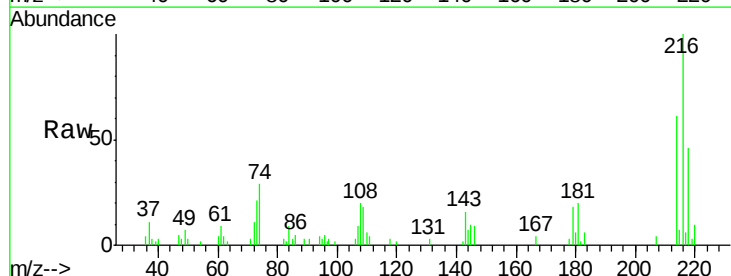
Ion Ratio Lower Upper

216 100

214 71.0 0.0 0.0#

179 21.4 0.0 0.0#

108 19.9 0.0 0.0#

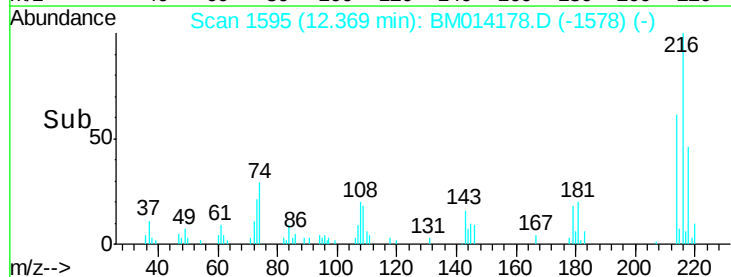
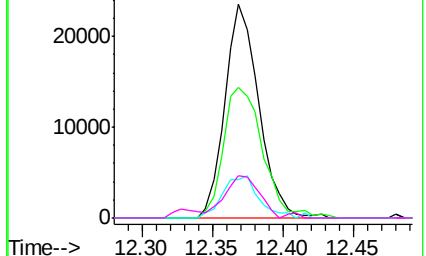


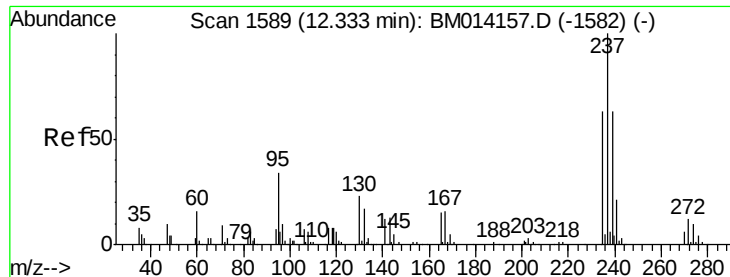
Abundance Ion 216.00 (215.70 to 216.70): E

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

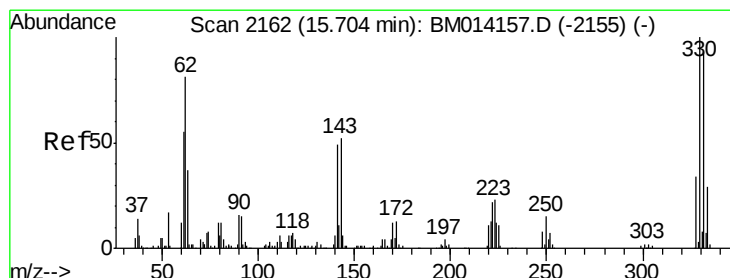
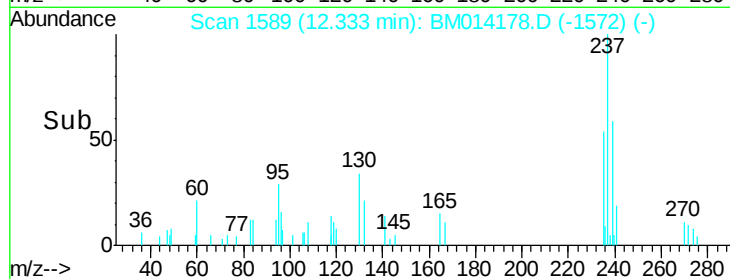
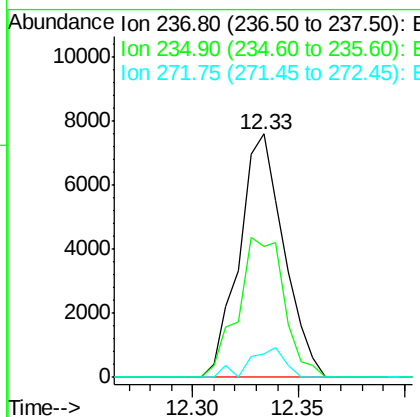
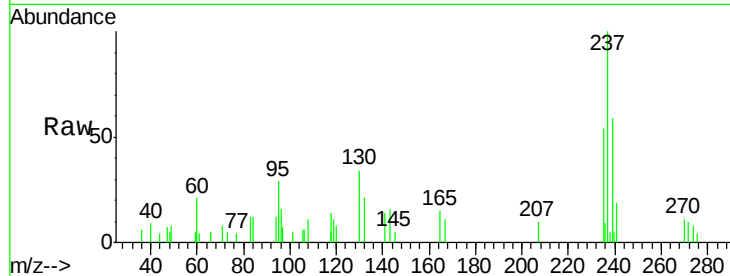




#40
Hexachlorocyclopentadiene
Concen: 8.22 ng
RT: 12.33 min Scan# 1589
Delta R.T. 0.00 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

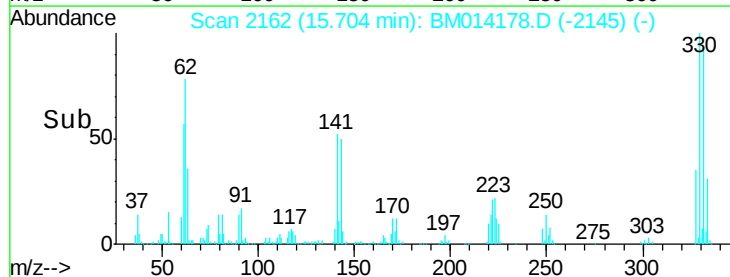
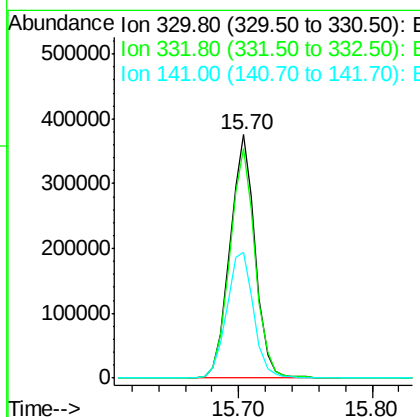
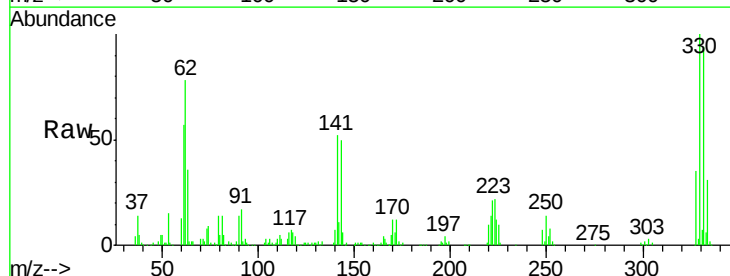
Instrument :
BNA_F
ClientSampleId :

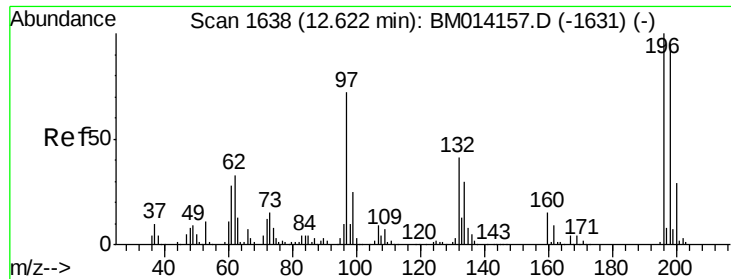
Tot Ion:237 Resp: 11149
Ion Ratio Lower Upper
237 100
235 53.8 42.0 82.0
272 9.7 0.0 33.4



#41
2,4,6-Tribromophenol
Concen: 142.96 ng
RT: 15.70 min Scan# 2162
Delta R.T. -0.00 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Tgt Ion:330 Resp: 496816
Ion Ratio Lower Upper
330 100
332 94.9 0.0 0.0#
141 55.6 0.0 0.0#

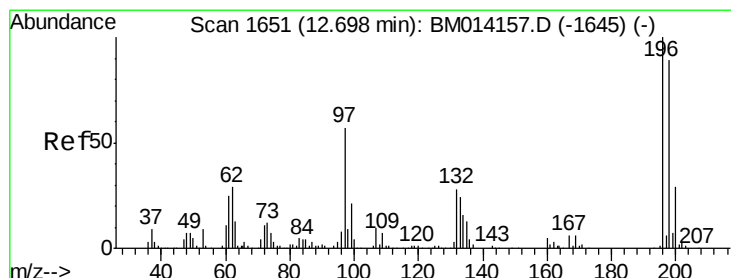
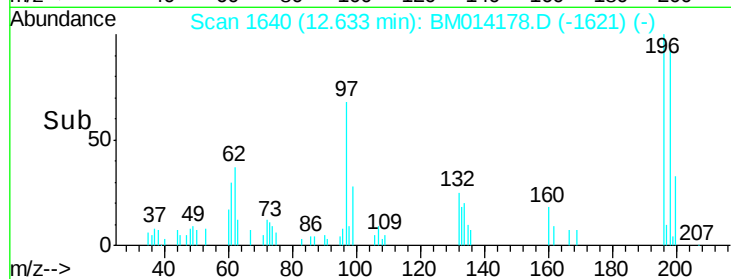
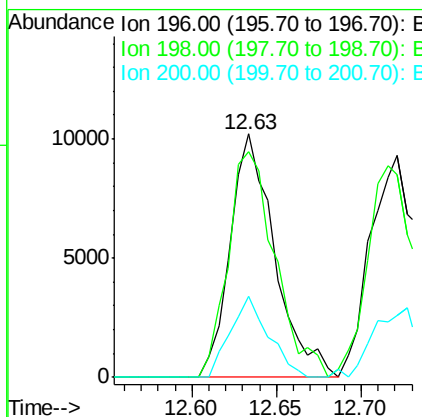
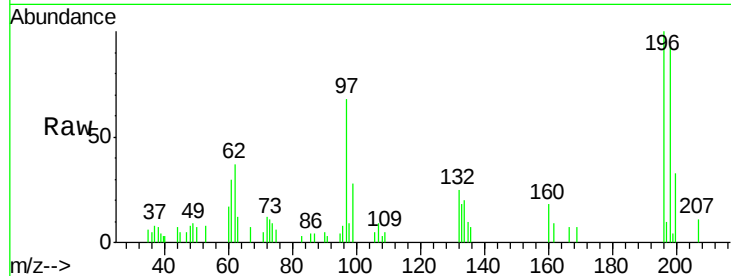




#42
 2,4,6-Trichlorophenol
 Concen: 3.71 ng
 RT: 12.63 min Scan# 1640
 Delta R.T. 0.01 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

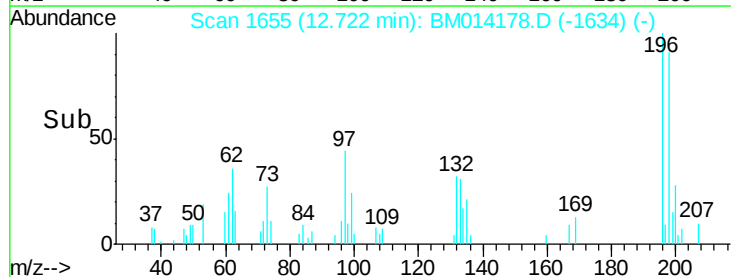
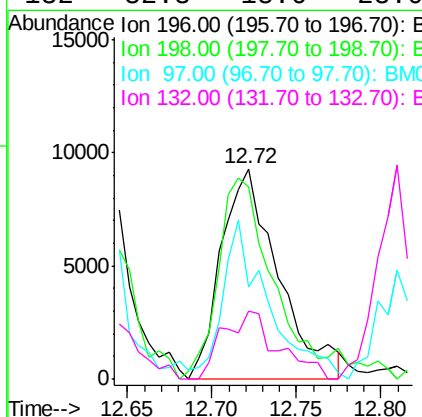
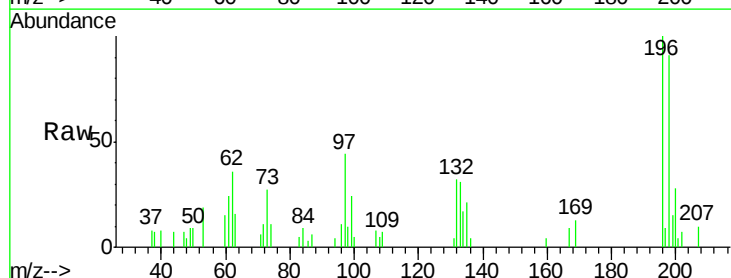
Instrument :
 BNA_F
 ClientSampleId :

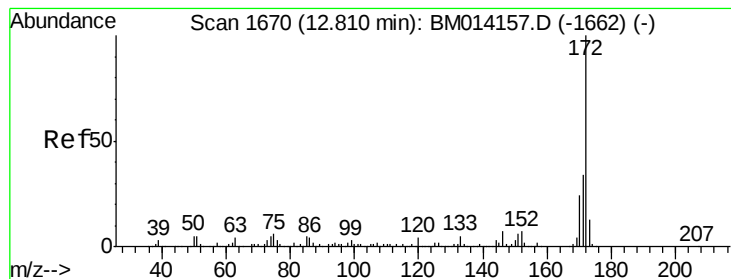
Tot Ion:196 Resp: 18715
 Ion Ratio Lower Upper
 196 100
 198 92.9 76.3 114.5
 200 33.2 25.6 38.4



#43
 2,4,5-Trichlorophenol
 Concen: 3.95 ng
 RT: 12.72 min Scan# 1655
 Delta R.T. 0.02 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

Tgt Ion:196 Resp: 21959
 Ion Ratio Lower Upper
 196 100
 198 91.5 79.4 119.0
 97 43.7 26.8 40.2#
 132 32.3 18.6 28.0#





#44

2-Fluorobiphenyl

Concen: 91.52 ng

RT: 12.81 min Scan# 1670

Delta R.T. -0.00 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

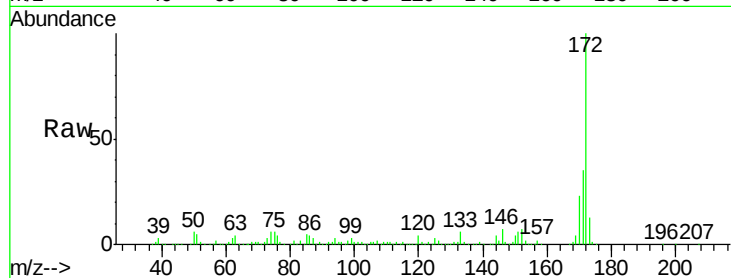
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1795603

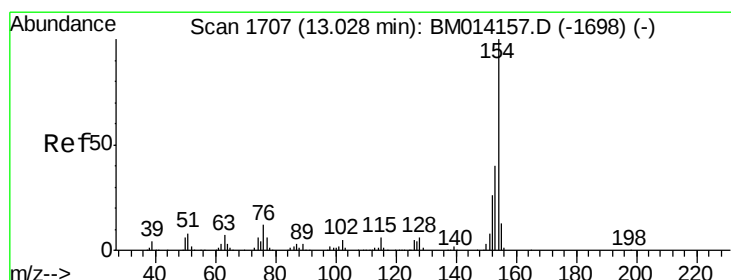
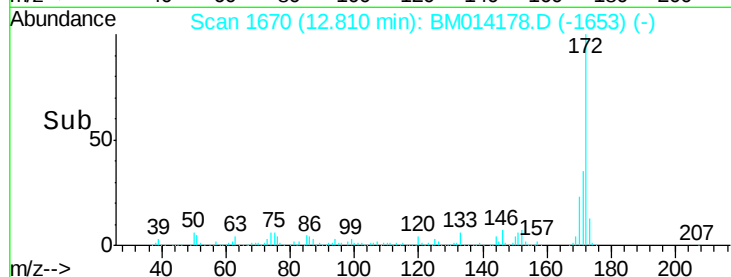
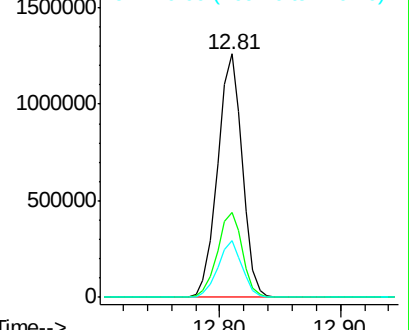
Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.5	42.7
170	23.3	18.8	28.2



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: 4.37 ng

RT: 13.02 min Scan# 1706

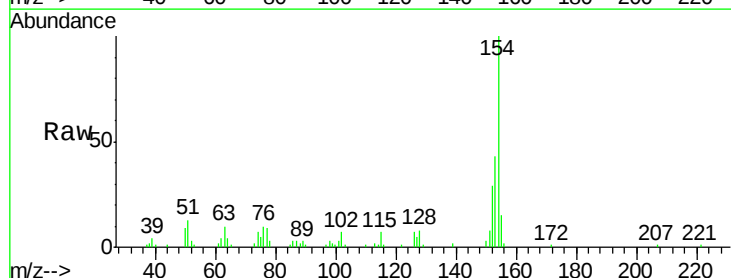
Delta R.T. -0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Tgt Ion:154 Resp: 92793

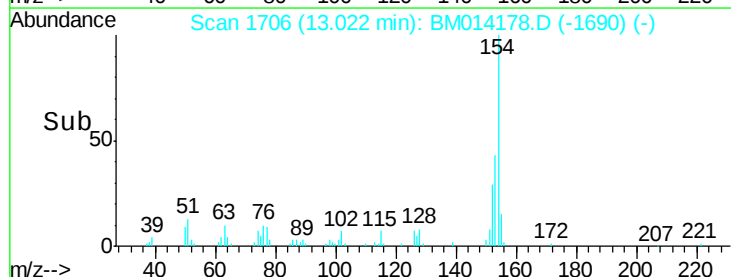
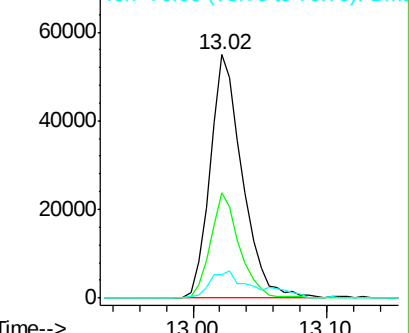
Ion	Ratio	Lower	Upper
154	100		
153	43.4	20.7	60.7
76	9.6	0.0	30.9

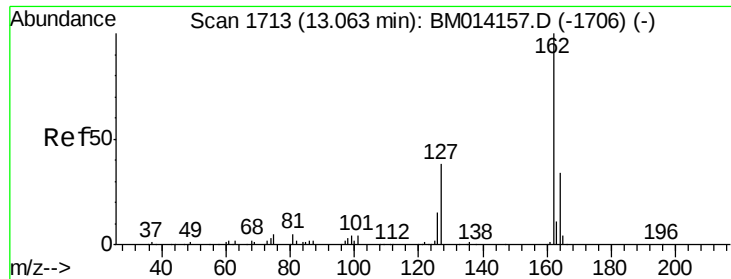


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM

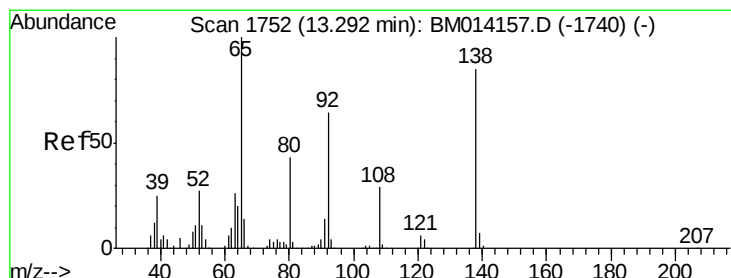
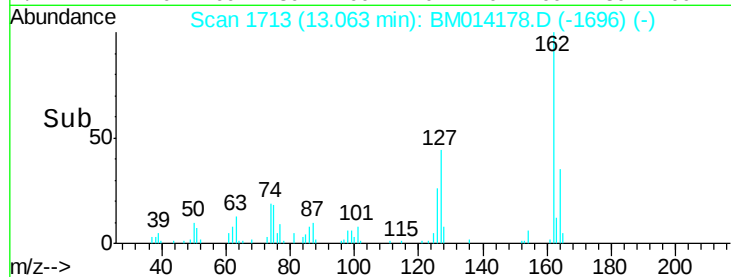
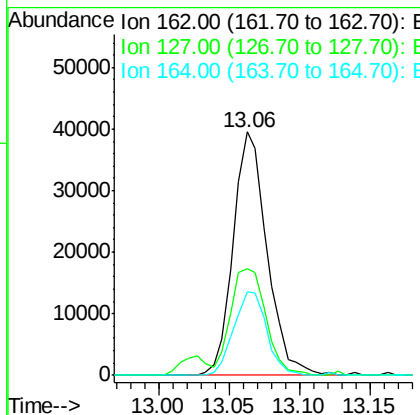
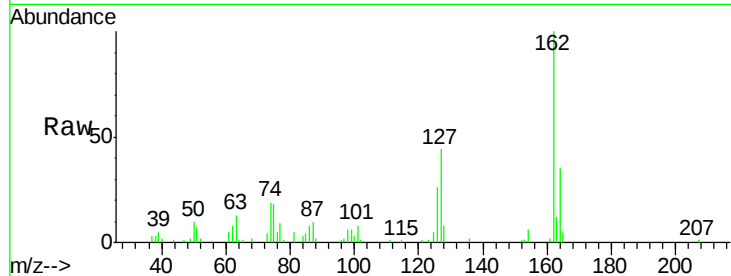




#46
2-Chloronaphthalene
Concen: 4.11 ng
RT: 13.06 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

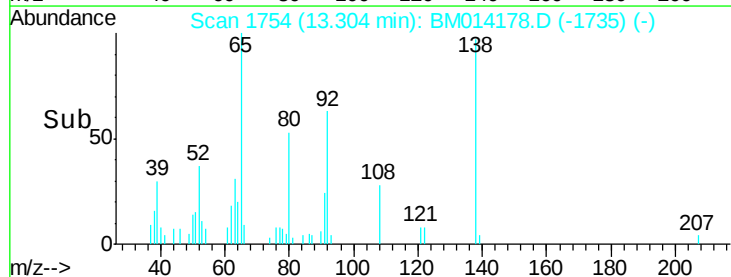
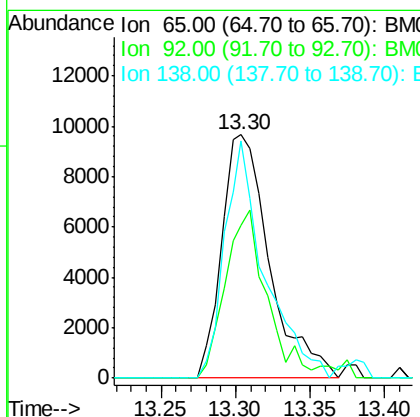
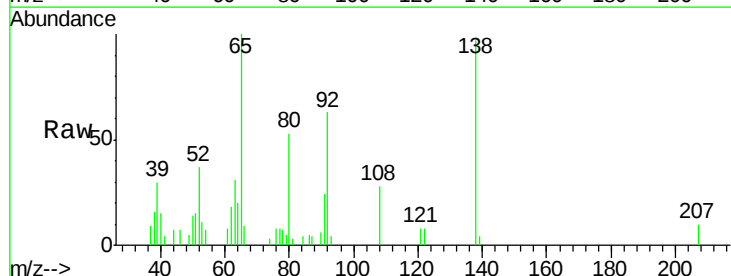
Instrument :
BNA_F
ClientSampleId :

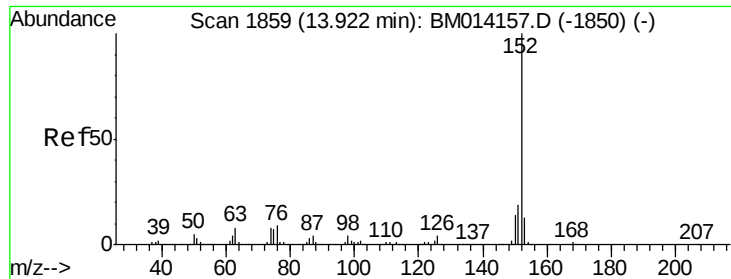
Tot Ion:162 Resp: 66128
Ion Ratio Lower Upper
162 100
127 43.9 26.9 40.3#
164 34.5 26.8 40.2



#47
2-Nitroaniline
Concen: 3.65 ng
RT: 13.30 min Scan# 1754
Delta R.T. 0.01 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Tgt Ion: 65 Resp: 21622
Ion Ratio Lower Upper
65 100
92 62.7 59.1 88.7
138 97.4 93.9 140.9





#48

Acenaphthylene

Concen: 4.18 ng

RT: 13.92 min Scan# 1859

Delta R.T. -0.00 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

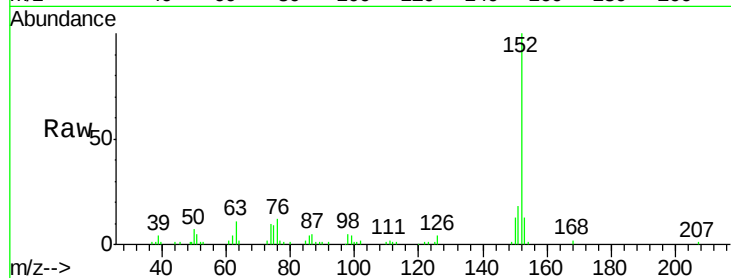
Instrument :

BNA_F

ClientSampled :

Tot Ion:152 Resp: 110286

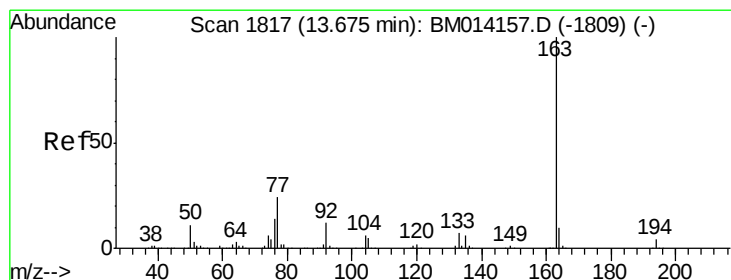
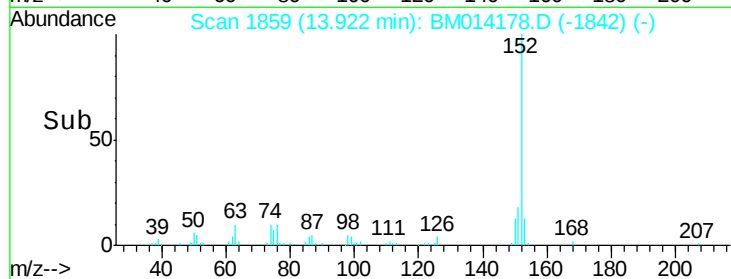
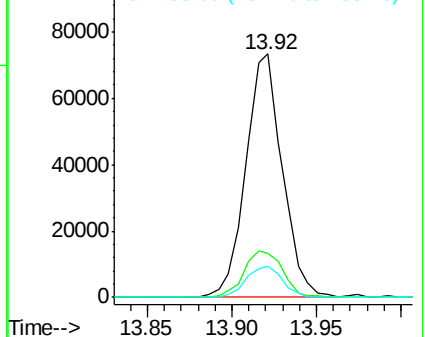
Ion	Ratio	Lower	Upper
152	100		
151	18.0	15.9	23.9
153	12.7	10.6	16.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 4.40 ng

RT: 13.67 min Scan# 1816

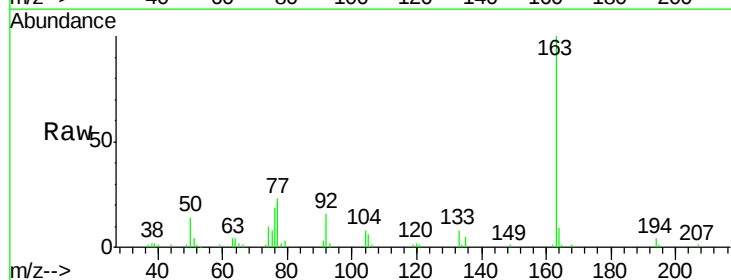
Delta R.T. -0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Tgt Ion:163 Resp: 96415

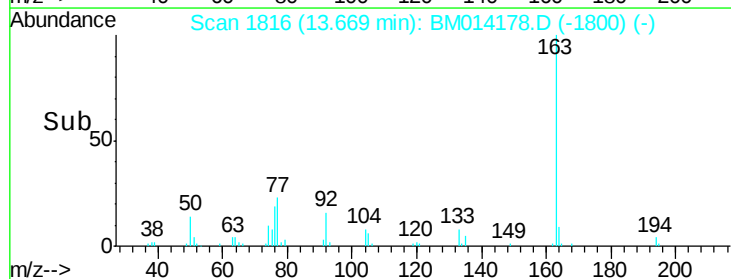
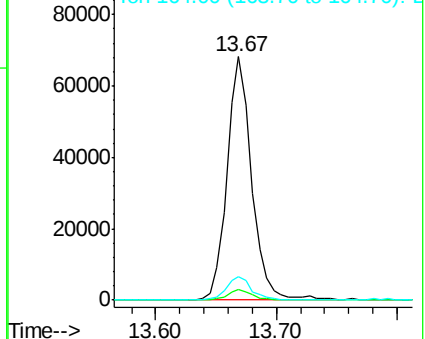
Ion	Ratio	Lower	Upper
163	100		
194	4.3	2.7	4.1#
164	9.5	8.2	12.2

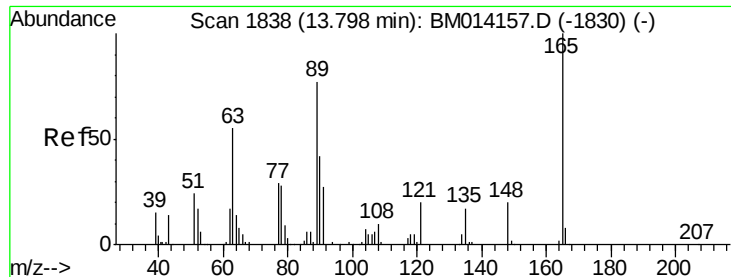


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

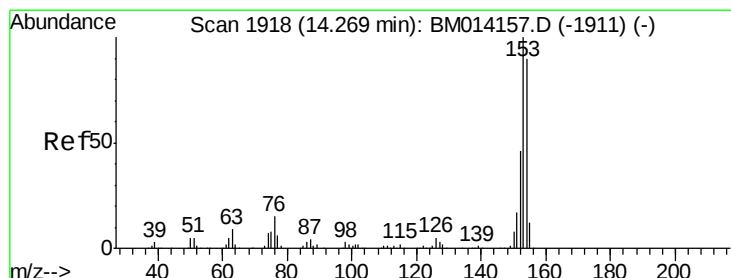
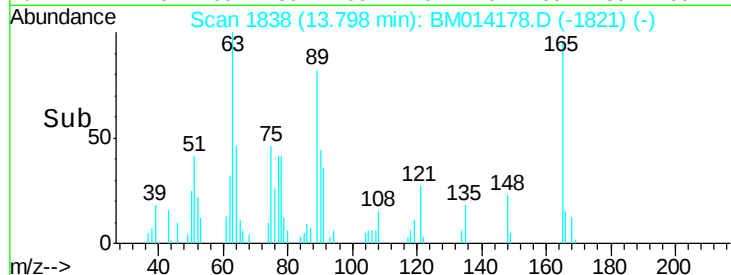
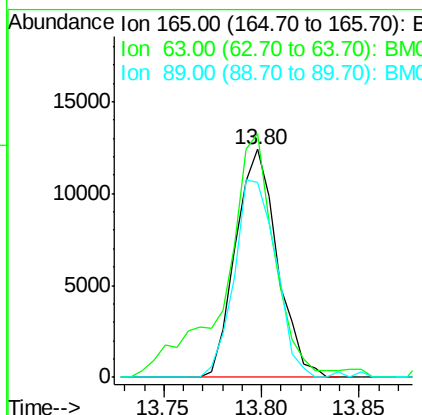
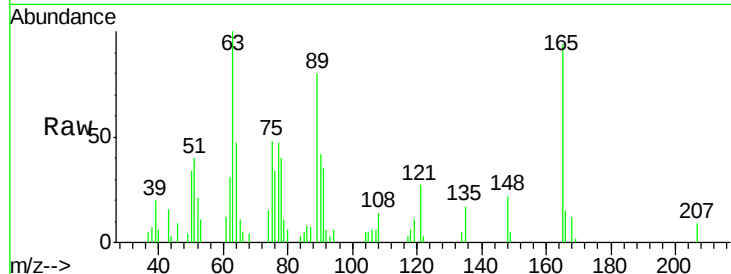




#50
2,6-Dinitrotoluene
Concen: 4.07 ng
RT: 13.80 min Scan# 1838
Delta R.T. -0.00 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

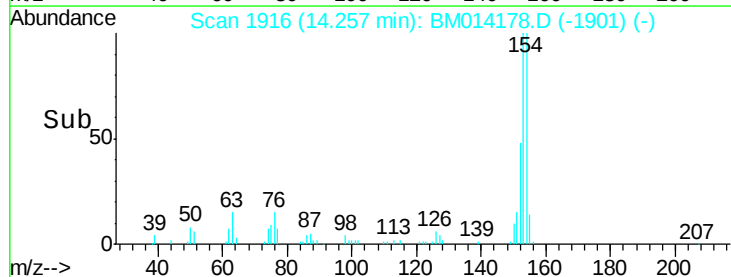
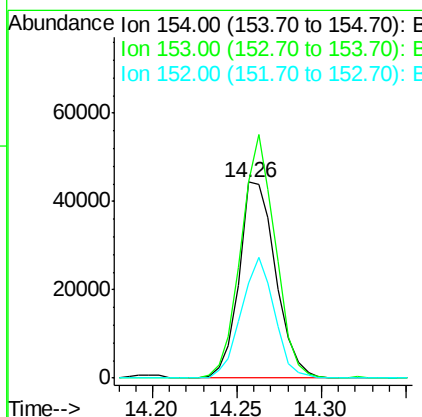
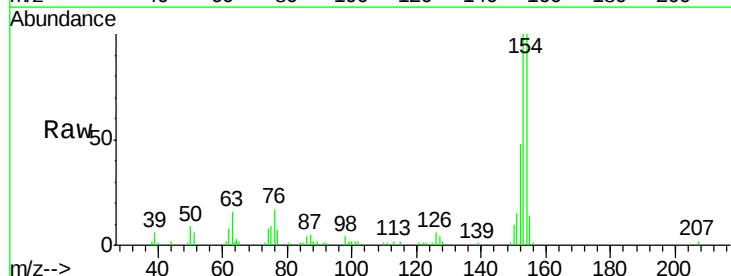
Instrument :
BNA_F
ClientSampleId :

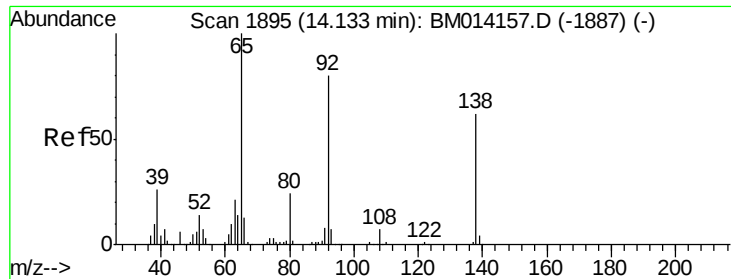
Tot Ion	Ratio	Lower	Upper
165	100		
63	106.8	44.1	66.1#
89	85.7	44.3	66.5#



#51
Acenaphthene
Concen: 4.13 ng
RT: 14.26 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	100.4	90.0	135.0
152	48.4	42.6	63.8

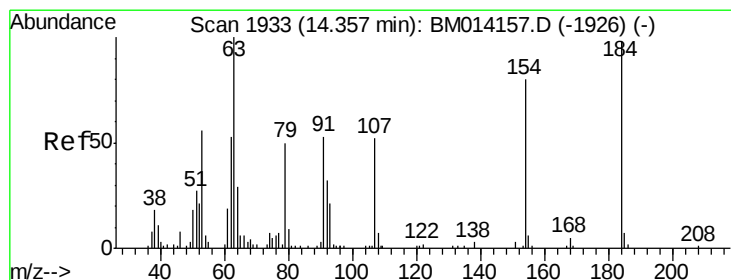
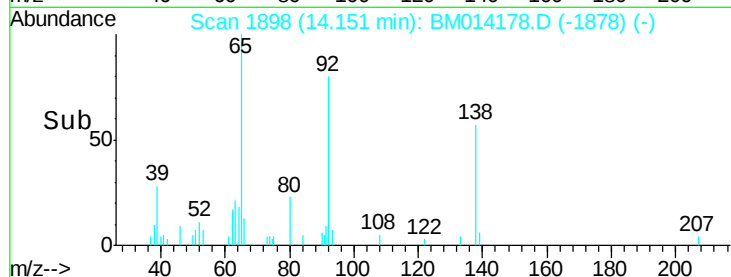
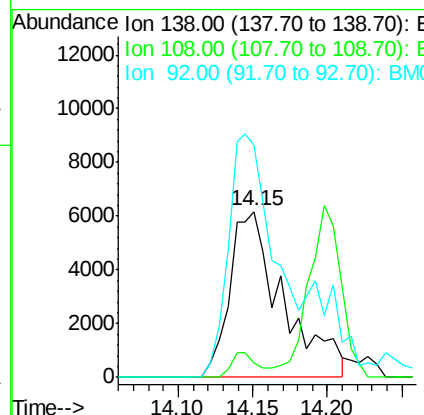
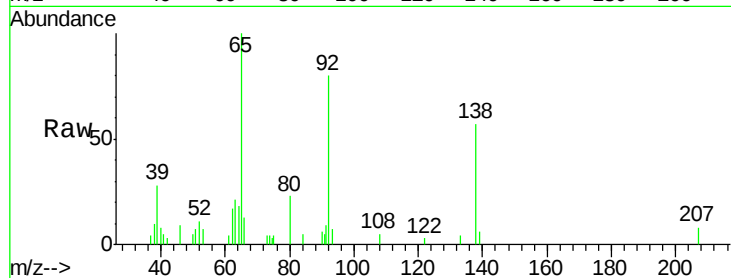




#52
3-Nitroaniline
Concen: 3.29 ng
RT: 14.15 min Scan# 1898
Delta R.T. 0.02 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

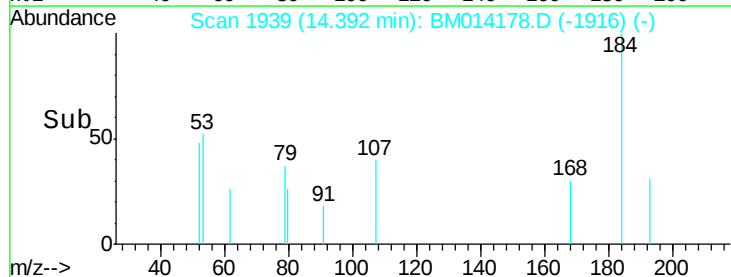
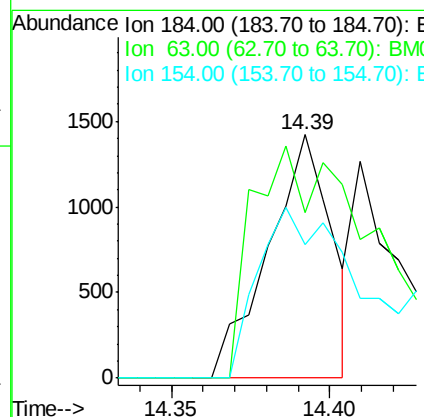
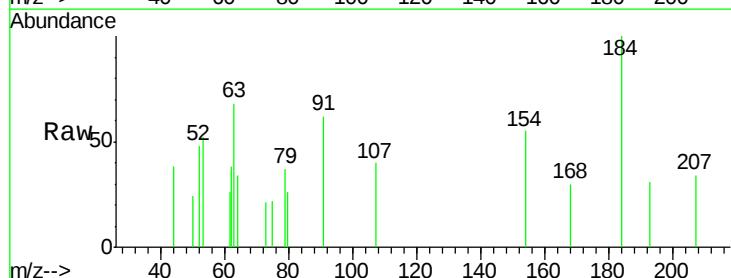
Instrument :
BNA_F
ClientSampleId :

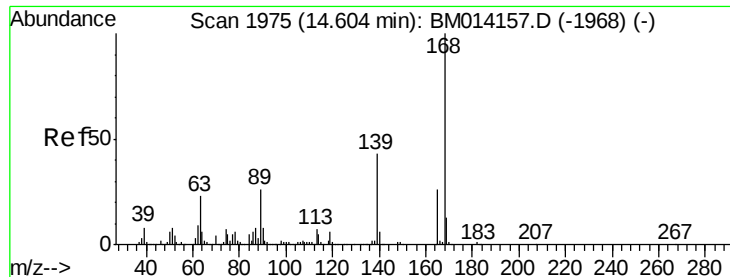
Tot Ion:138 Resp: 15290
Ion Ratio Lower Upper
138 100
108 8.5 7.3 10.9
92 140.5 76.6 114.8#



#53
2,4-Dinitrophenol
Concen: 8.36 ng
RT: 14.39 min Scan# 1939
Delta R.T. 0.04 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Tgt Ion:184 Resp: 1962
Ion Ratio Lower Upper
184 100
63 67.9 69.2 103.8#
154 54.6 53.3 79.9





#54

Dibenzenofuran

Concen: 4.16 ng

RT: 14.60 min Scan# 1975

Delta R.T. -0.00 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Instrument :

BNA_F

ClientSampleId :

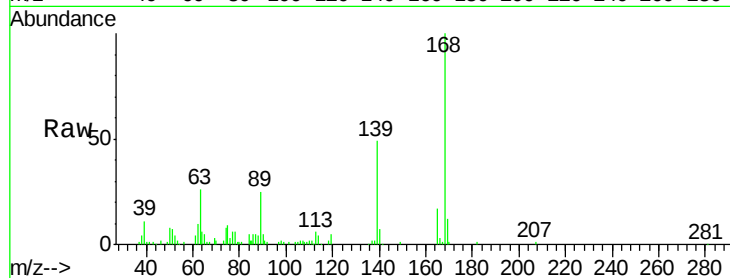
Tot Ion:168 Resp: 105739

Ion Ratio Lower Upper

168 100

139 49.0 27.3 40.9#

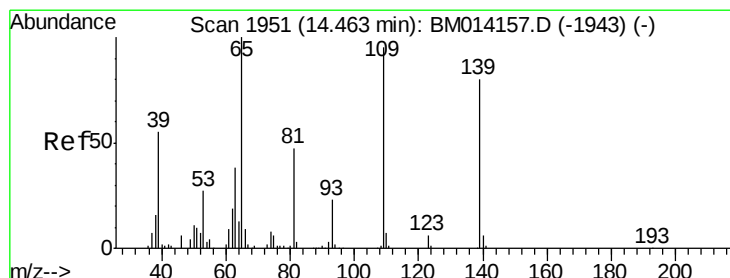
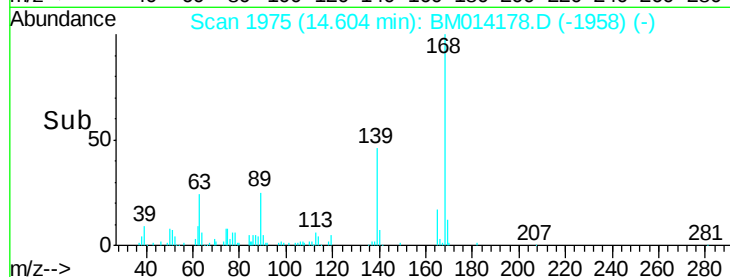
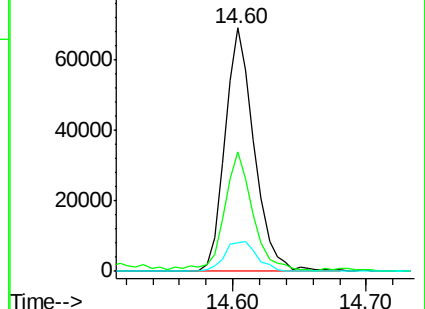
169 11.7 10.6 16.0



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: 6.58 ng

RT: 14.50 min Scan# 1957

Delta R.T. 0.04 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

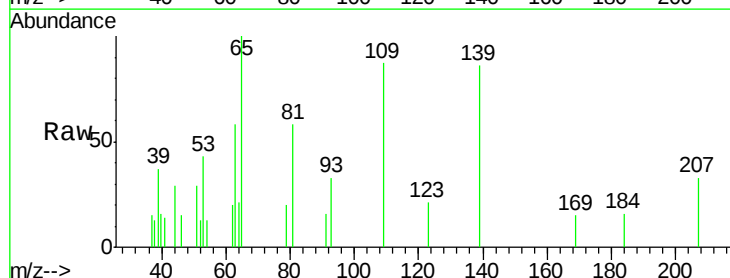
Tgt Ion:139 Resp: 3116

Ion Ratio Lower Upper

139 100

109 100.4 130.0 170.0#

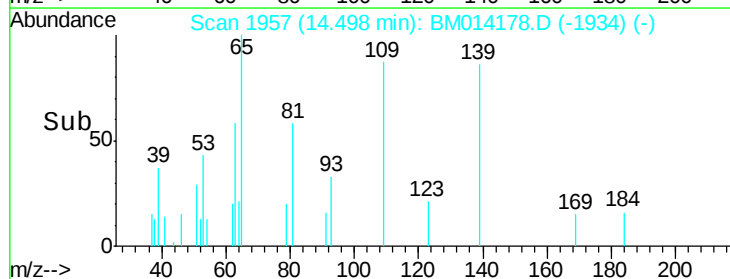
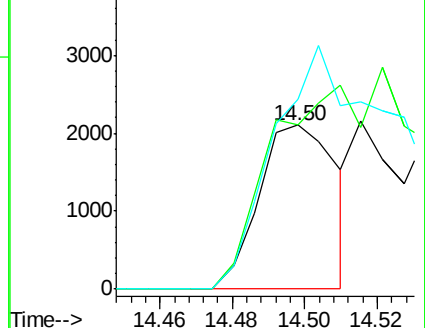
65 115.7 130.0 170.0#

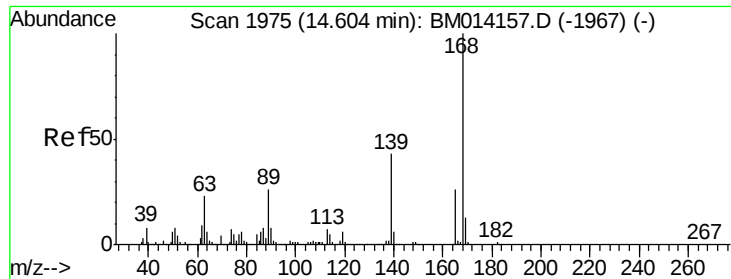


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BM

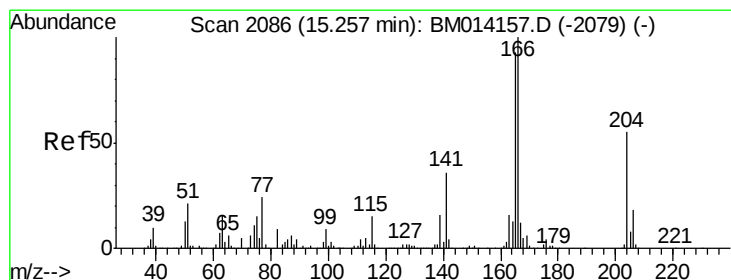
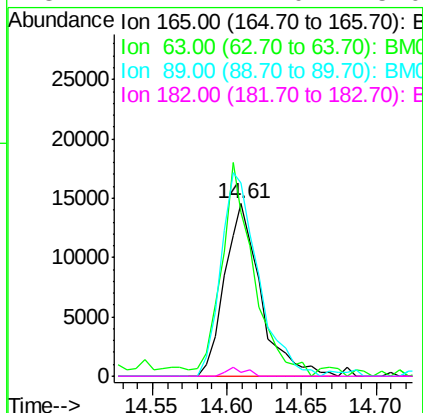
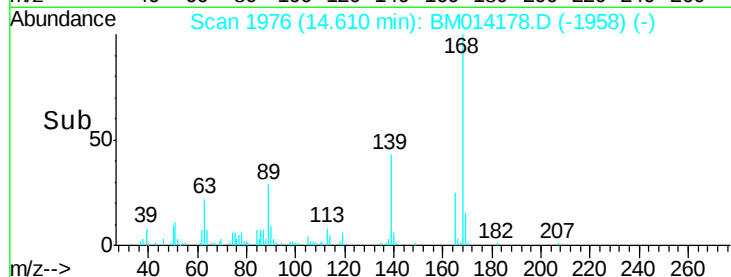
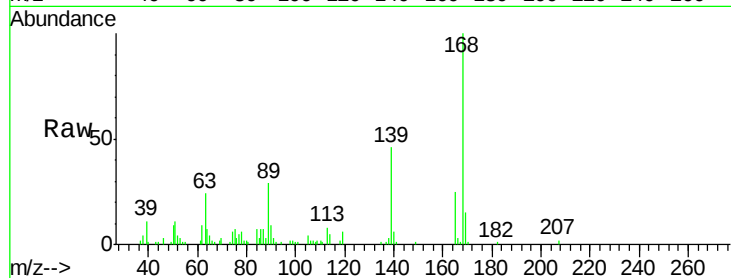




#56
2,4-Dinitrotoluene
Concen: 3.54 ng
RT: 14.61 min Scan# 1976
Delta R.T. 0.01 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

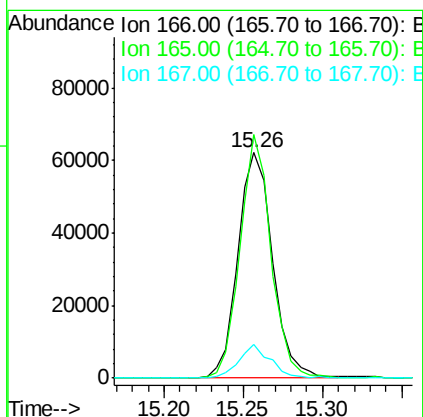
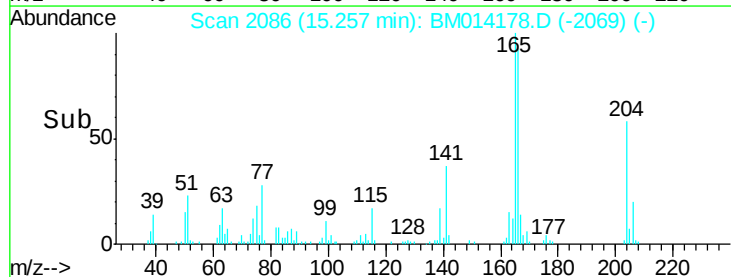
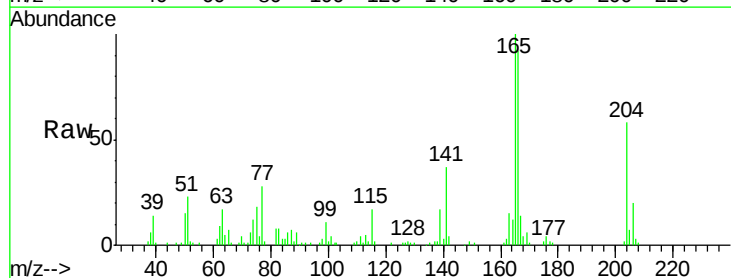
Instrument :
BNA_F
ClientSampleId :

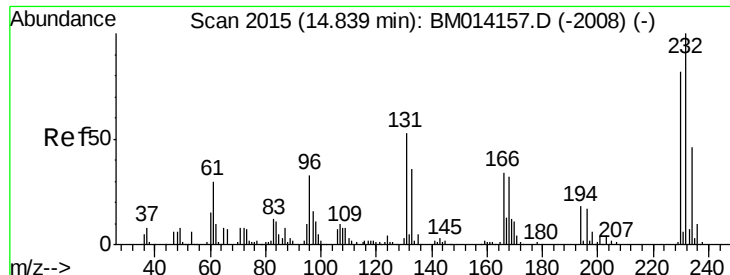
Tot Ion:165 Resp: 24595
Ion Ratio Lower Upper
165 100
63 95.0 52.4 78.6#
89 112.5 72.4 108.6#
182 2.1 2.0 3.0



#57
Fluorene
Concen: 4.20 ng
RT: 15.26 min Scan# 2086
Delta R.T. -0.00 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Tgt Ion:166 Resp: 94064
Ion Ratio Lower Upper
166 100
165 108.1 79.0 118.4
167 14.7 10.3 15.5

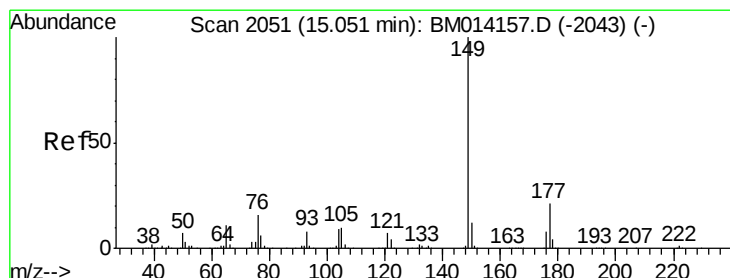
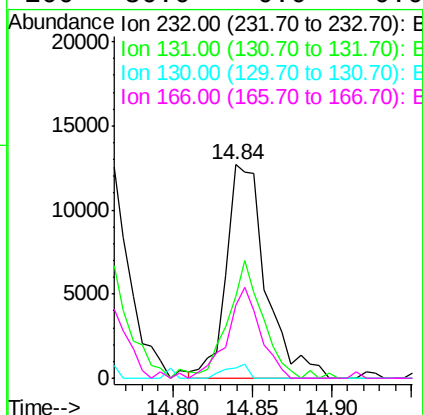
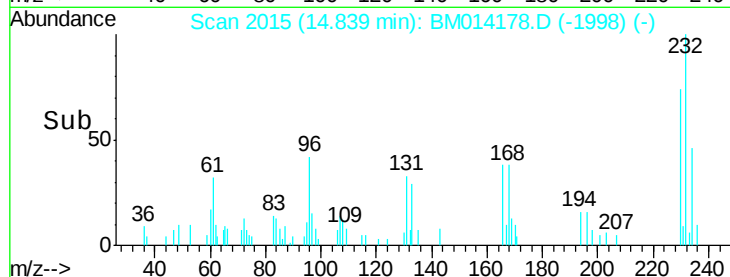
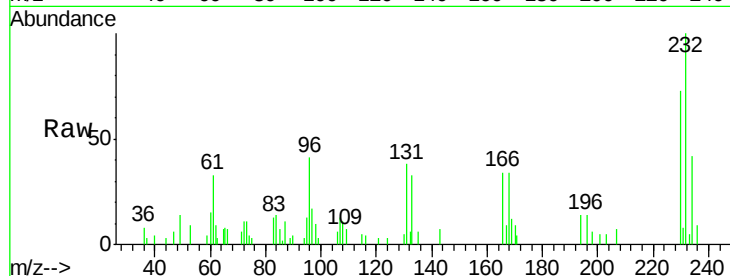




#58
 2,3,4,6-Tetrachlorophenol
 Concen: 4.00 ng
 RT: 14.84 min Scan# 2015
 Delta R.T. -0.00 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

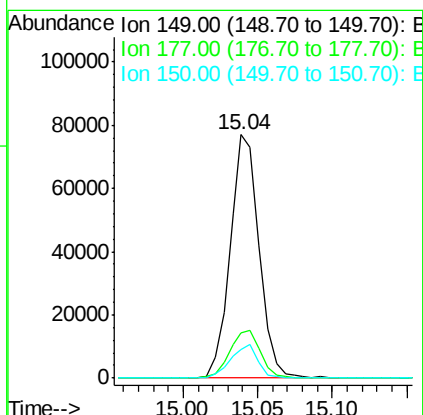
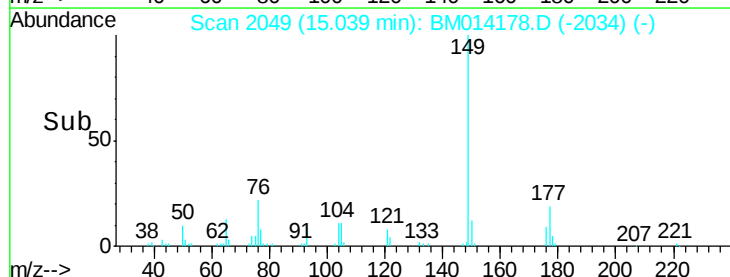
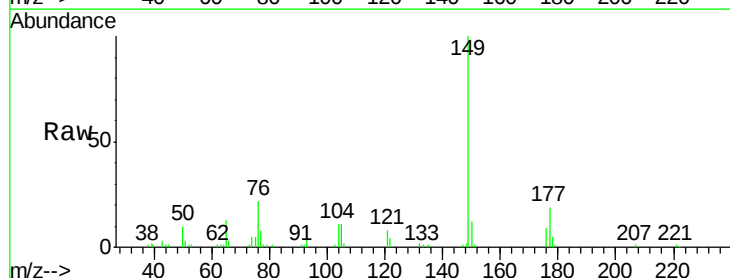
Instrument :
 BNA_F
 ClientSampleId :

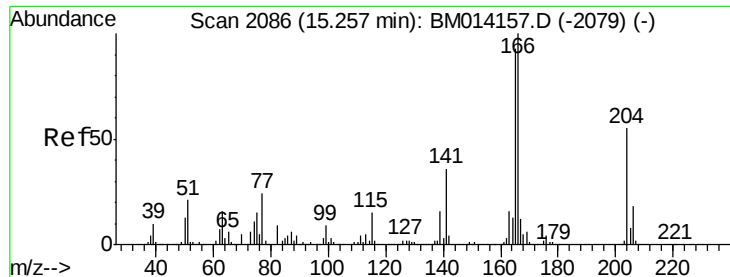
Tot Ion	Ratio	Lower	Upper
232	100		
131	48.9	0.0	0.0#
130	3.8	0.0	0.0#
166	36.0	0.0	0.0#



#59
 Diethylphthalate
 Concen: 4.28 ng
 RT: 15.04 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

Tgt Ion	Ratio	Lower	Upper
149	100		
177	18.6	18.3	27.5
150	11.9	9.8	14.8

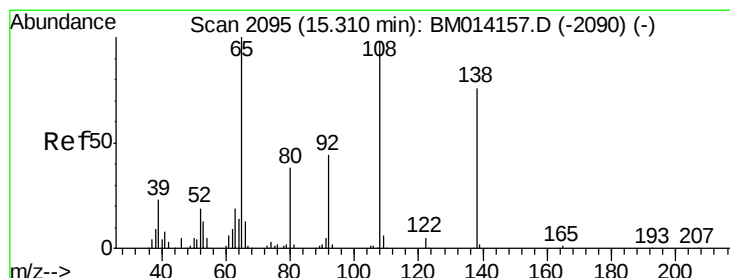
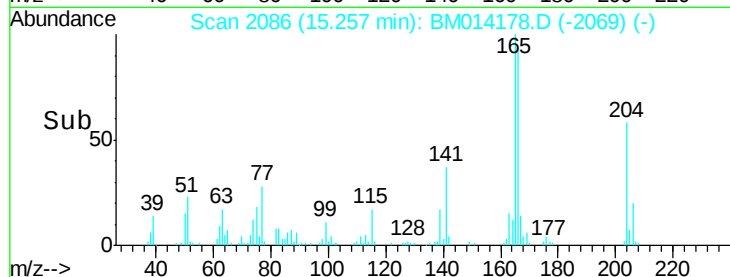
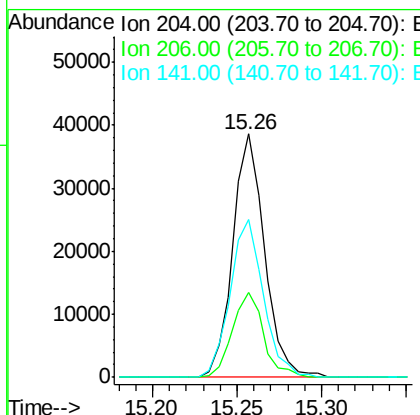
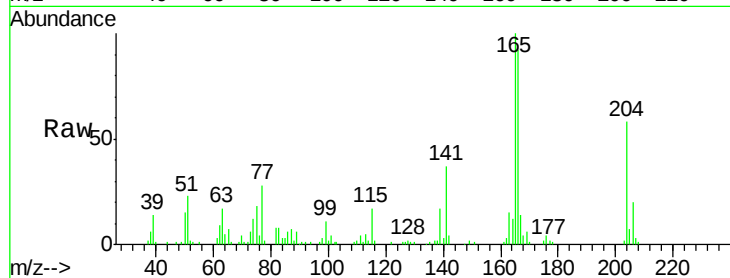




#60
 4-Chlorophenyl-phenylether
 Concen: 4.35 ng
 RT: 15.26 min Scan# 2086
 Delta R.T. -0.00 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

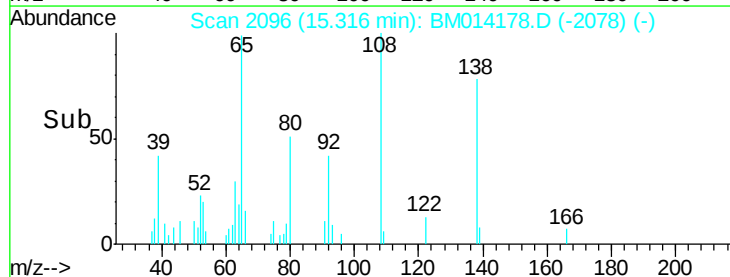
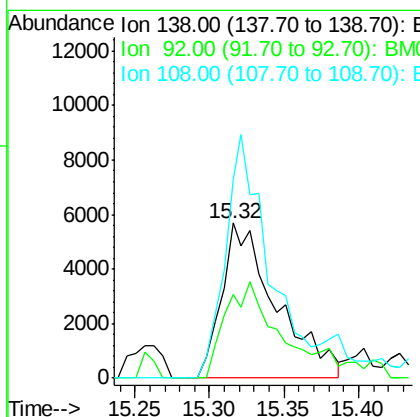
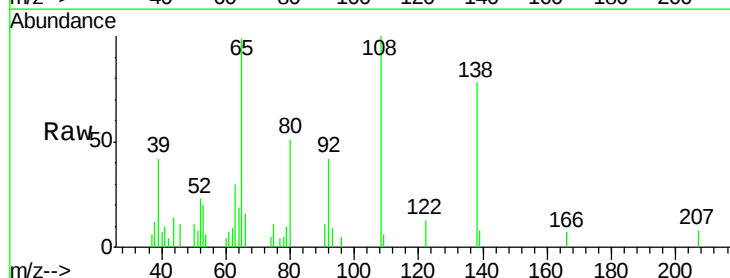
Instrument :
 BNA_F
 ClientSampleId :

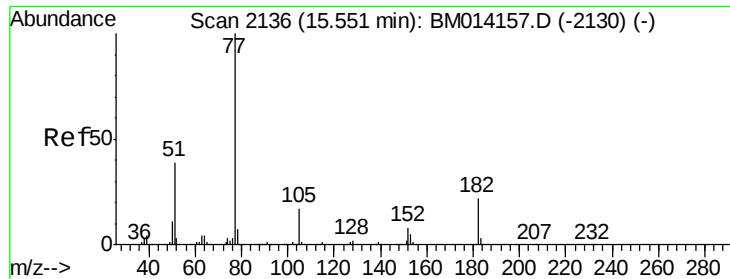
Tot Ion:204 Resp: 50563
 Ion Ratio Lower Upper
 204 100
 206 34.7 26.6 39.8
 141 64.7 45.2 67.8



#61
 4-Nitroaniline
 Concen: 3.11 ng
 RT: 15.32 min Scan# 2096
 Delta R.T. 0.01 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

Tgt Ion:138 Resp: 14474
 Ion Ratio Lower Upper
 138 100
 92 53.6 16.7 56.7
 108 128.0 37.6 77.6#





#62

Azobenzene

Concen: 4.42 ng

RT: 15.55 min Scan# 2136

Delta R.T. -0.00 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 111651

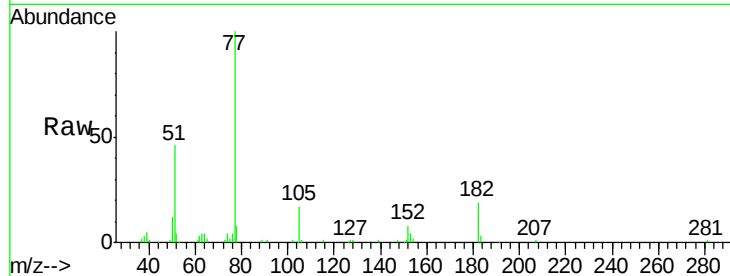
Ion Ratio Lower Upper

77 100

182 19.5 6.5 46.5

105 17.5 3.8 43.8

51 45.7 5.5 45.5#

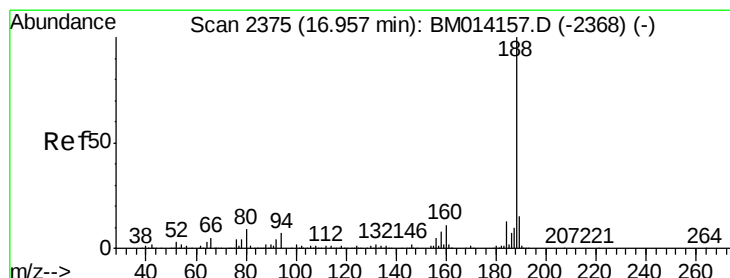
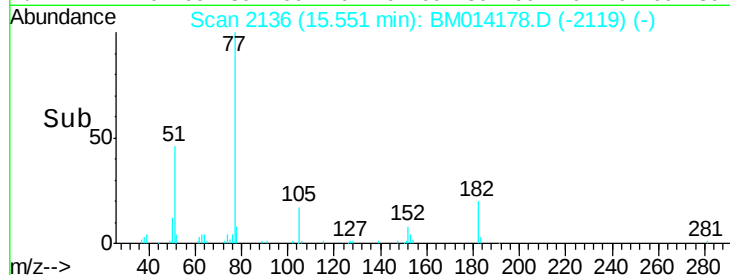
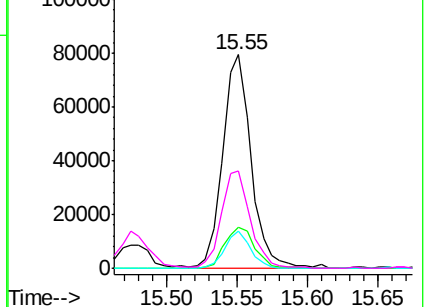


Abundance Ion 77.00 (76.70 to 77.70): BM0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BM0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 16.96 min Scan# 2375

Delta R.T. -0.00 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

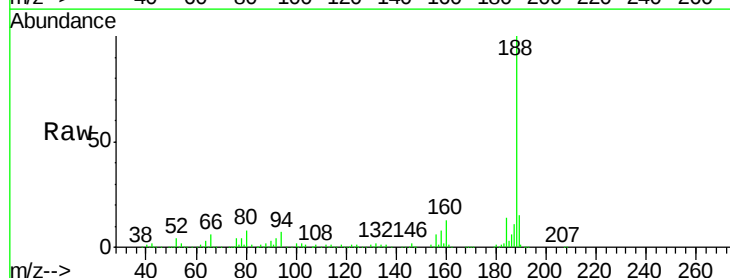
Tgt Ion: 188 Resp: 631746

Ion Ratio Lower Upper

188 100

94 6.8 8.7 13.1#

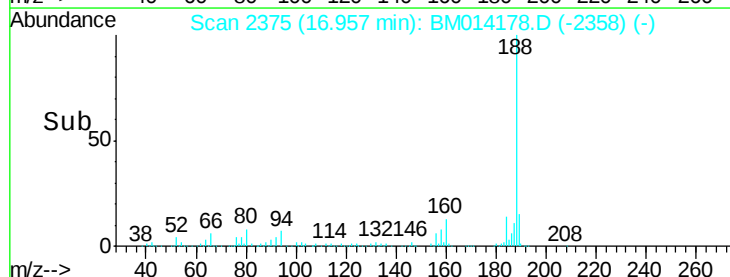
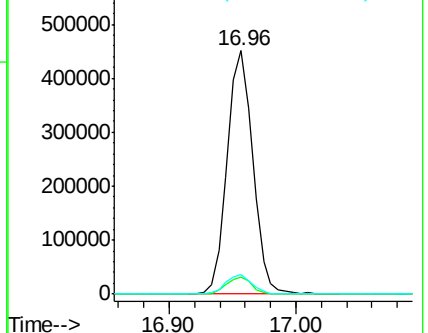
80 8.2 9.3 13.9#

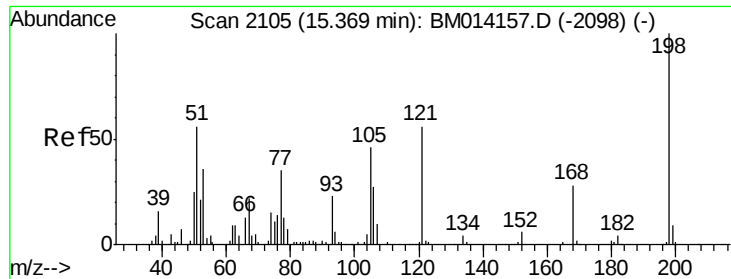


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM0

Ion 80.00 (79.70 to 80.70): BM0

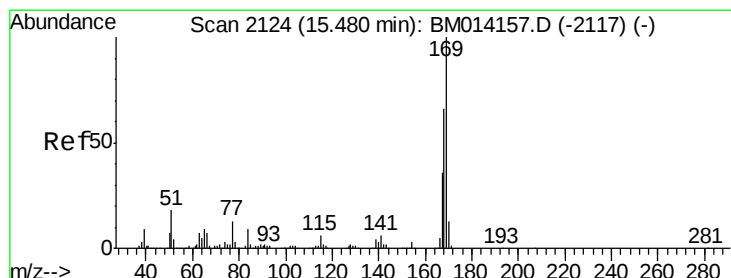
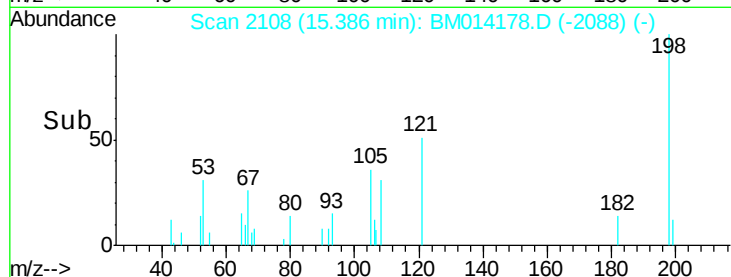
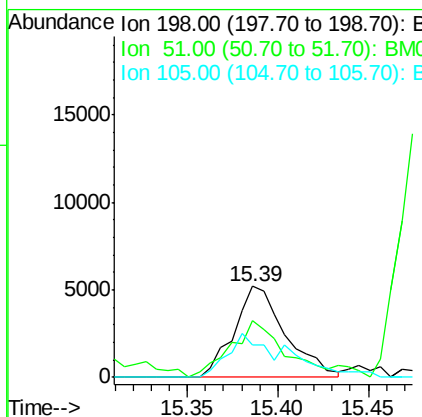
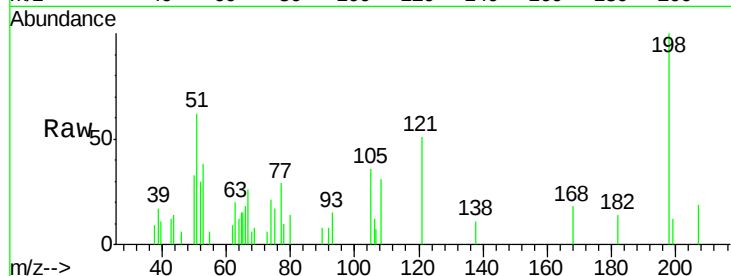




#64
4,6-Dinitro-2-methylphenol
Concen: 7.68 ng
RT: 15.39 min Scan# 2108
Delta R.T. 0.02 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

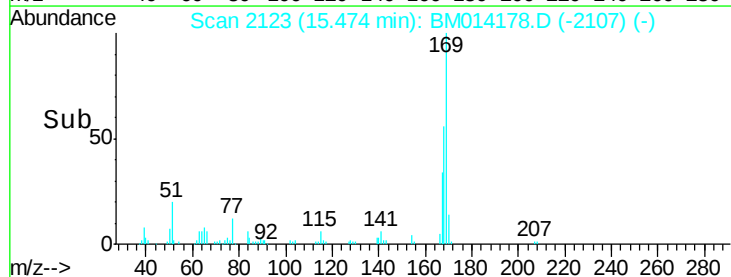
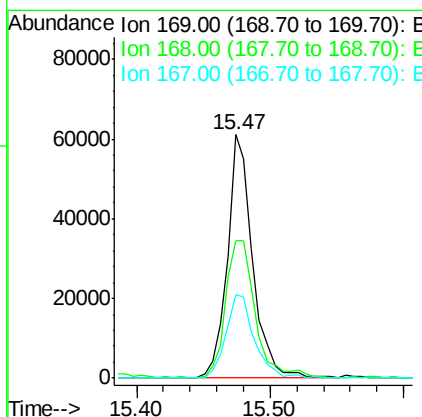
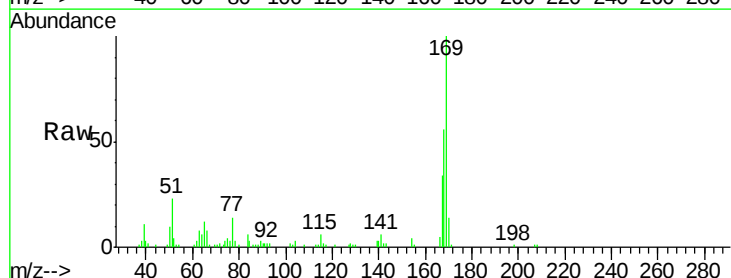
Instrument :
BNA_F
ClientSampleId :

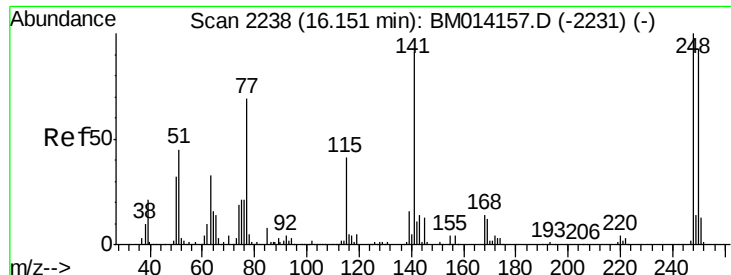
Tot Ion:198 Resp: 10315
Ion Ratio Lower Upper
198 100
51 61.9 28.8 68.8
105 35.7 30.5 70.5



#65
n-Nitrosodiphenylamine
Concen: 4.07 ng
RT: 15.47 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Tgt Ion:169 Resp: 81216
Ion Ratio Lower Upper
169 100
168 56.3 53.9 80.9
167 34.5 28.9 43.3

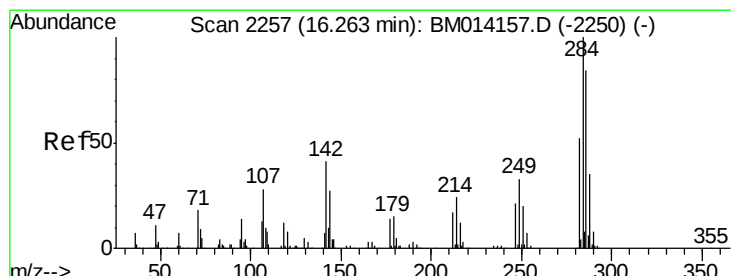
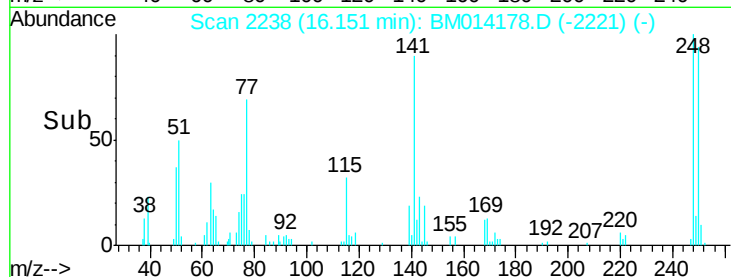
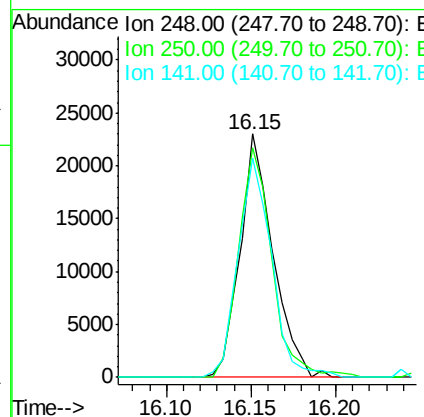
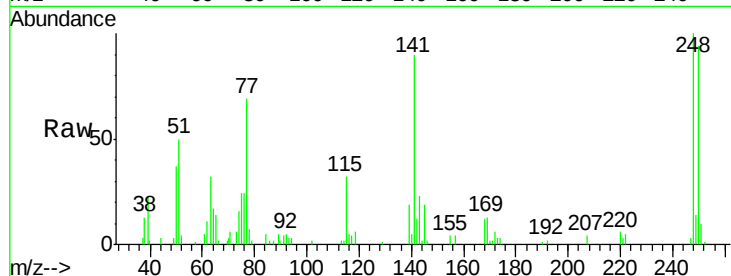




#66
 4-Bromophenyl-phenylether
 Concen: 4.22 ng
 RT: 16.15 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

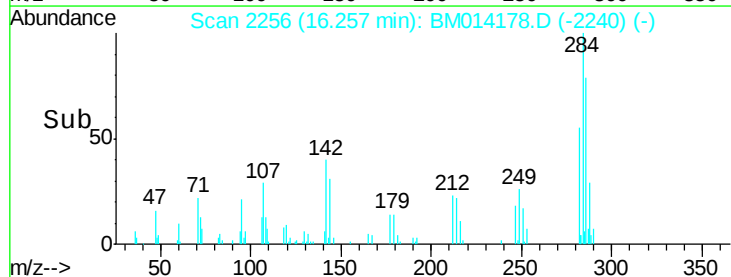
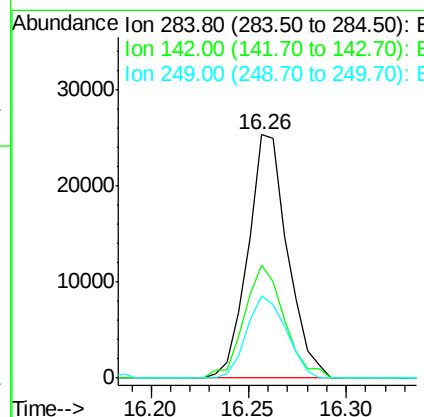
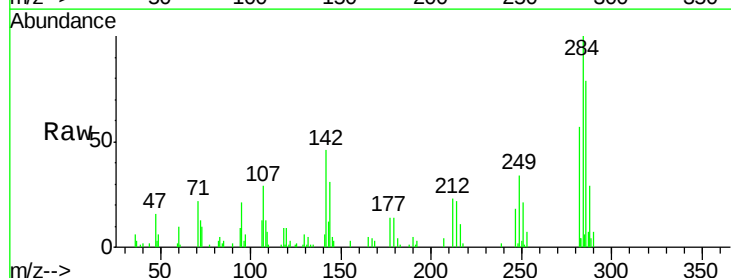
Instrument :
 BNA_F
 ClientSampleId :

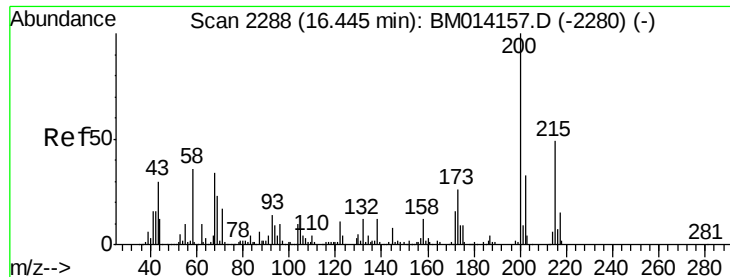
Tot Ion:248 Resp: 31274
 Ion Ratio Lower Upper
 248 100
 250 94.2 77.4 116.0
 141 90.2 45.2 67.8#



#67
 Hexachlorobenzene
 Concen: 4.38 ng
 RT: 16.26 min Scan# 2256
 Delta R.T. -0.01 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

Tgt Ion:284 Resp: 35591
 Ion Ratio Lower Upper
 284 100
 142 46.3 20.4 30.6#
 249 33.9 23.8 35.6

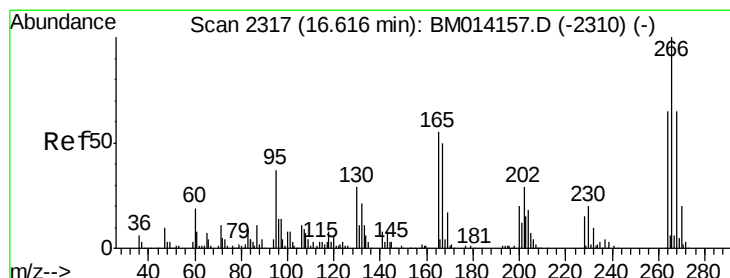
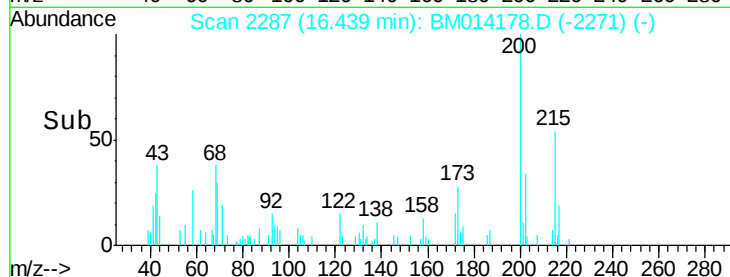
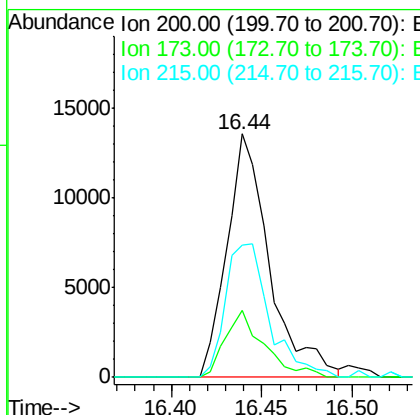
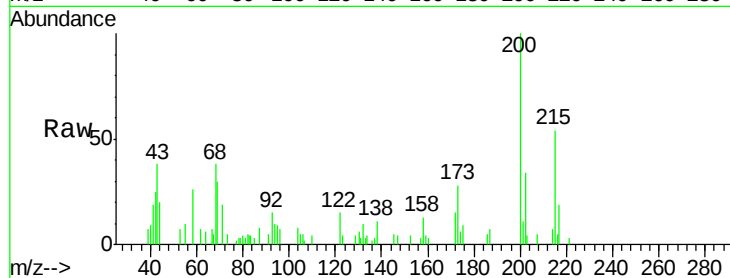




#68
Atrazine
Concen: 2.97 ng
RT: 16.44 min Scan# 2287
Delta R.T. -0.01 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

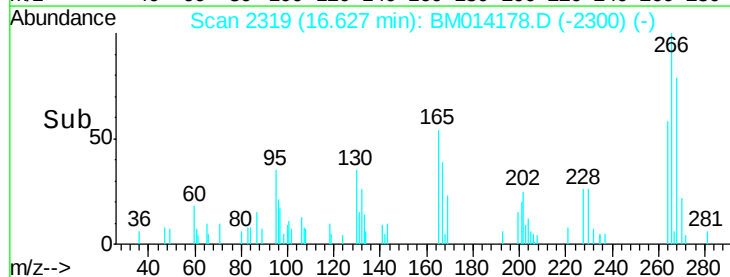
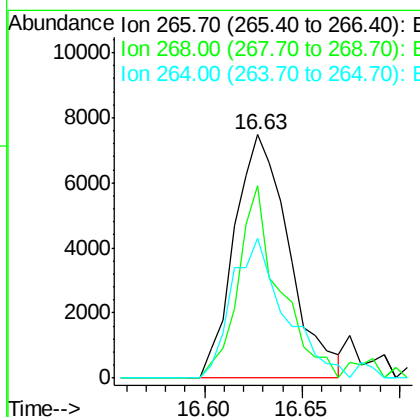
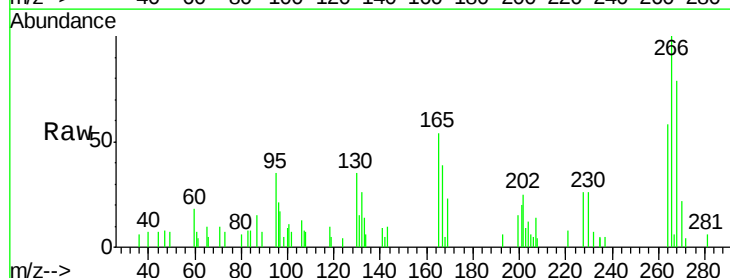
Instrument :
BNA_F
ClientSampleId :

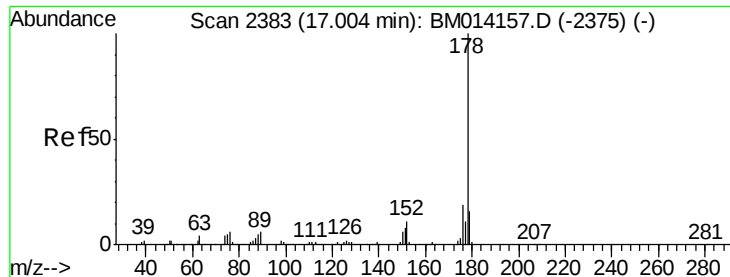
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.5	4.8	44.8
215	54.3	26.9	66.9



#69
Pentachlorophenol
Concen: 8.35 ng
RT: 16.63 min Scan# 2319
Delta R.T. 0.01 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Tgt Ion	Ratio	Lower	Upper
266	100		
268	79.0	52.0	78.0#
264	57.6	49.0	73.4





#70

Phenanthrene

Concen: 4.24 ng

RT: 17.00 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Instrument :

BNA_F

ClientSampleId :

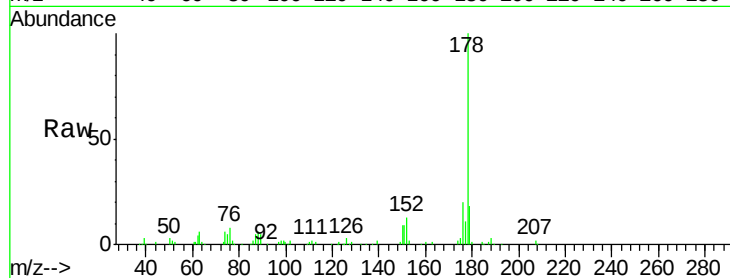
Tot Ion:178 Resp: 161678

Ion Ratio Lower Upper

178 100

176 20.1 15.2 22.8

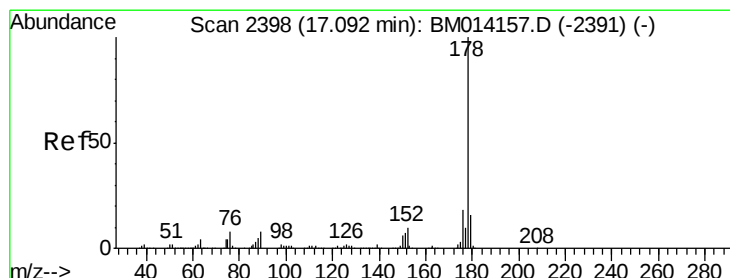
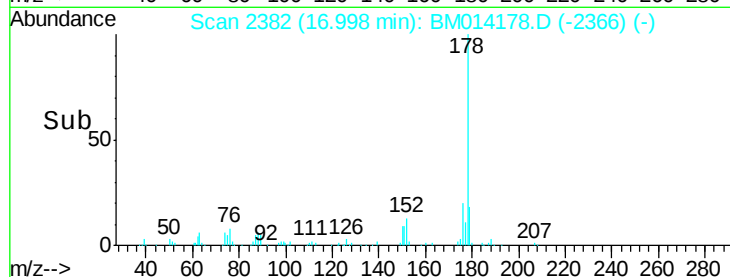
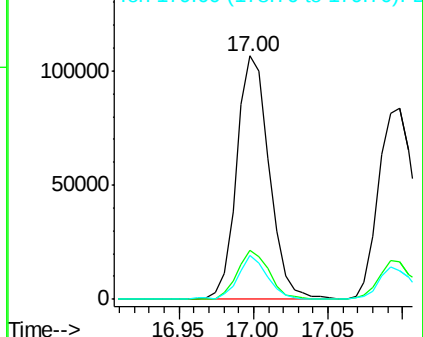
179 17.9 12.1 18.1



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: 4.13 ng

RT: 17.10 min Scan# 2399

Delta R.T. 0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

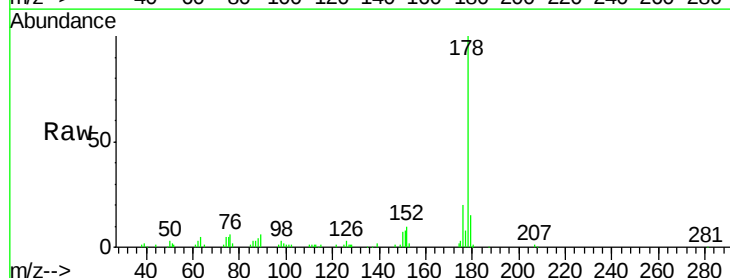
Tgt Ion:178 Resp: 153366

Ion Ratio Lower Upper

178 100

176 19.7 14.6 22.0

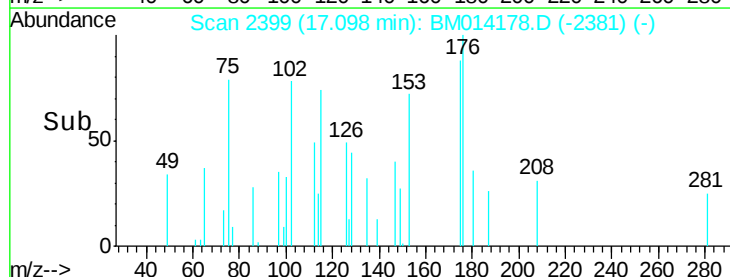
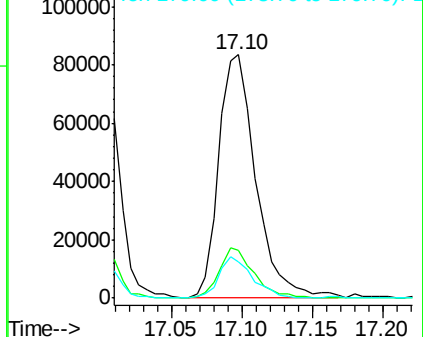
179 14.9 12.6 19.0

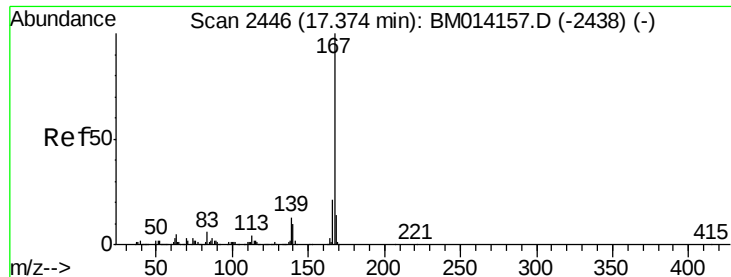


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 3.79 ng

RT: 17.38 min Scan# 2447

Delta R.T. 0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Instrument :

BNA_F

ClientSampleId :

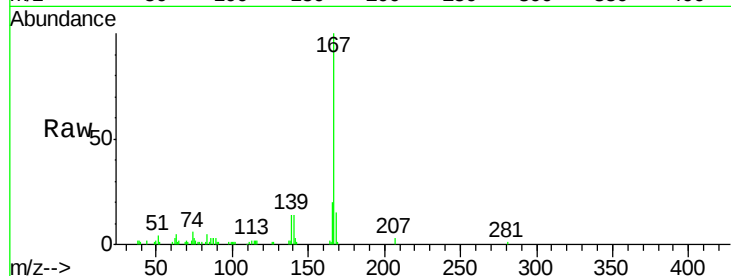
Tot Ion:167 Resp: 132357

Ion Ratio Lower Upper

167 100

166 20.5 17.2 25.8

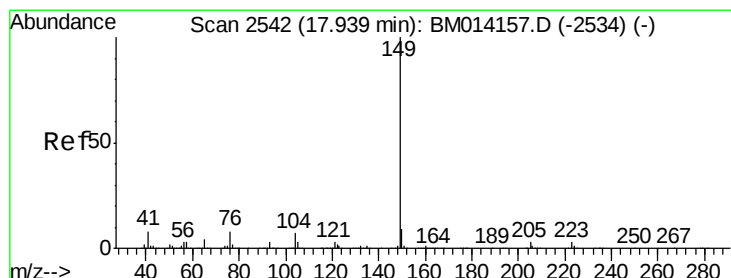
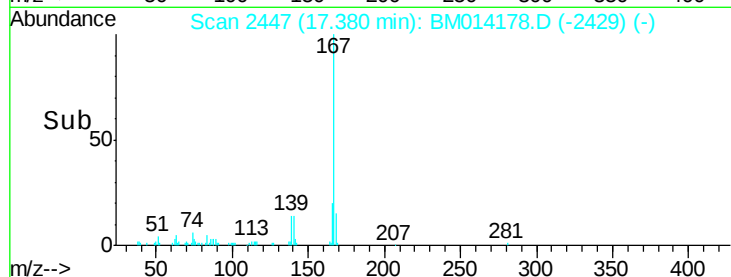
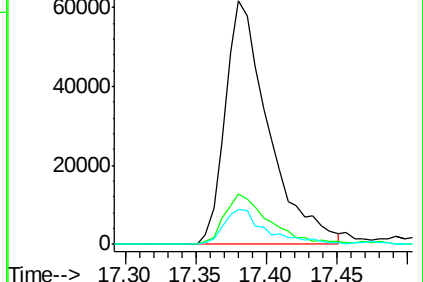
139 14.3 10.8 16.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#73

Di-n-butylphthalate

Concen: 3.87 ng

RT: 17.94 min Scan# 2542

Delta R.T. -0.00 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

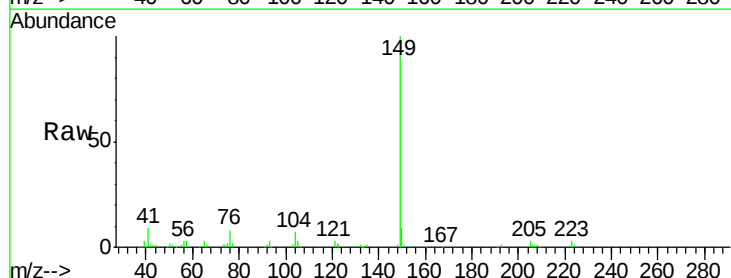
Tgt Ion:149 Resp: 173005

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

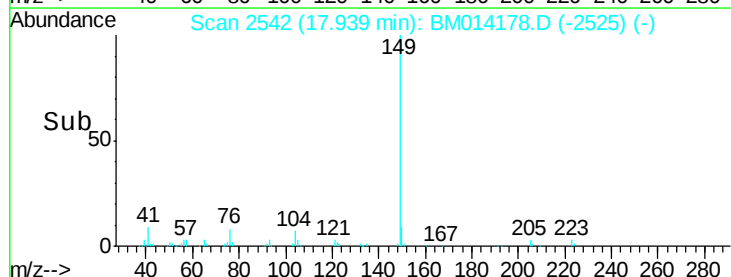
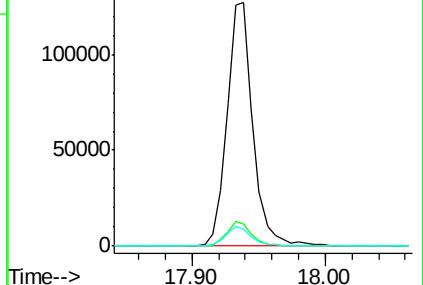
104 7.0 3.7 5.5#

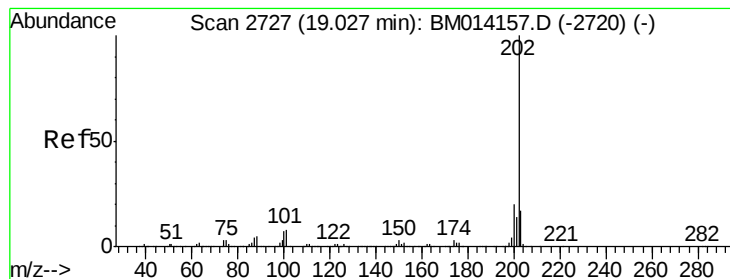


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: 4.21 ng

RT: 19.03 min Scan# 2728

Delta R.T. 0.01 min

Lab File: BM014178.D

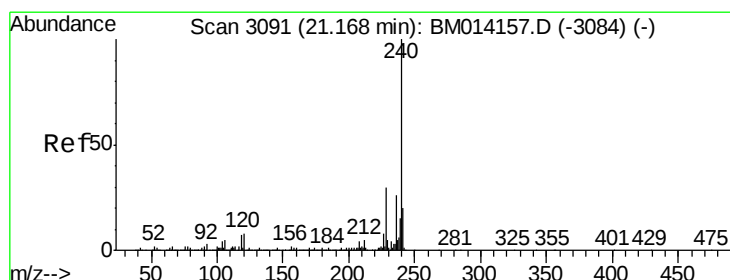
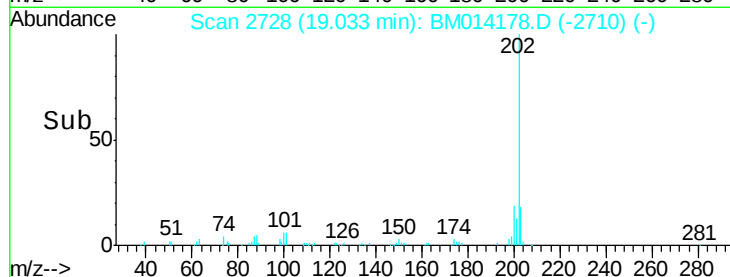
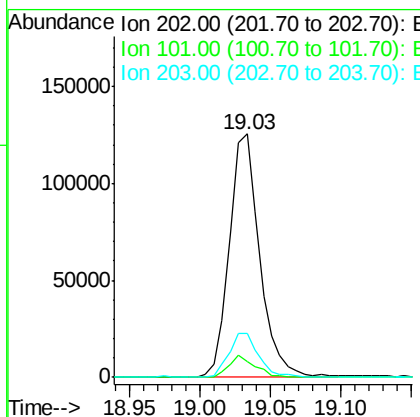
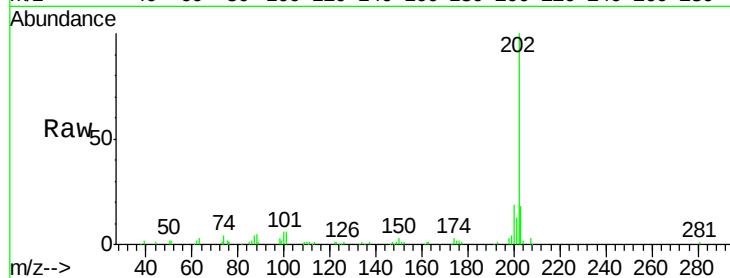
Acq: 08 Feb 2018 01:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	202	Resp:	189091
Ion Ratio	Lower	Upper	
202	100		
101	6.3	0.0	28.7
203	18.0	0.0	37.2



#75

Chrysene-d12

Concen: 20.00 ng

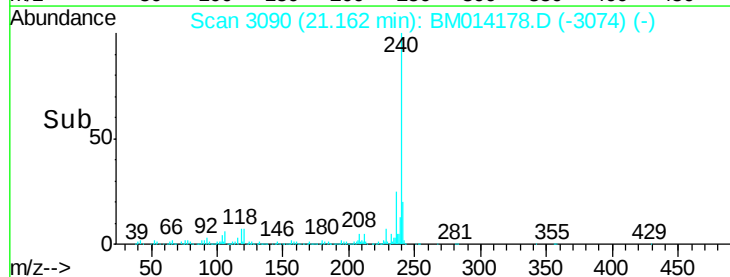
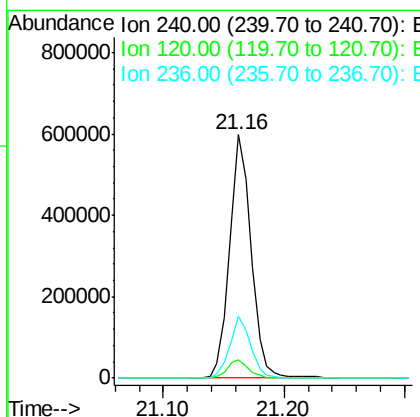
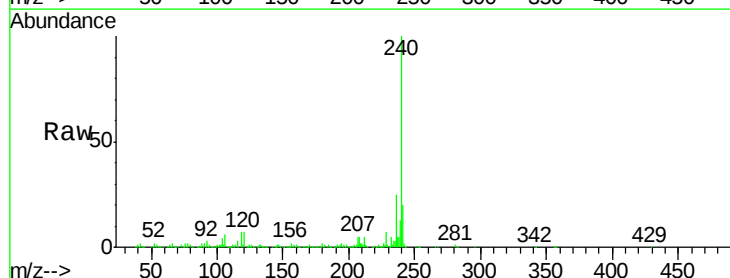
RT: 21.16 min Scan# 3090

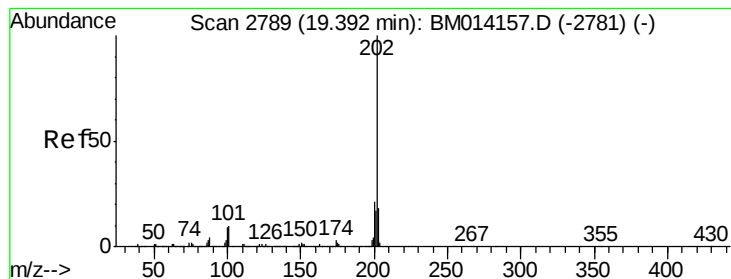
Delta R.T. -0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Tgt Ion:	240	Resp:	747953
Ion Ratio	Lower	Upper	
240	100		
120	7.3	8.2	12.2#
236	25.2	20.0	30.0





#77

Pvrene

Concen: 3.86 ng

RT: 19.40 min Scan# 2790

Delta R.T. 0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Instrument :

BNA_F

ClientSampleId :

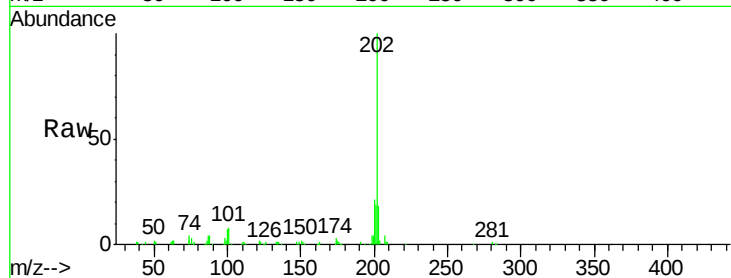
Tot Ion:202 Resp: 200512

Ion Ratio Lower Upper

202 100

200 20.7 16.9 25.3

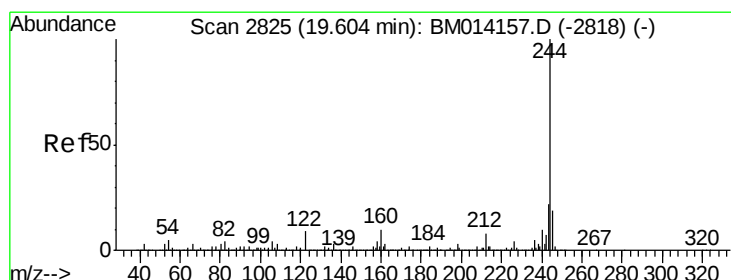
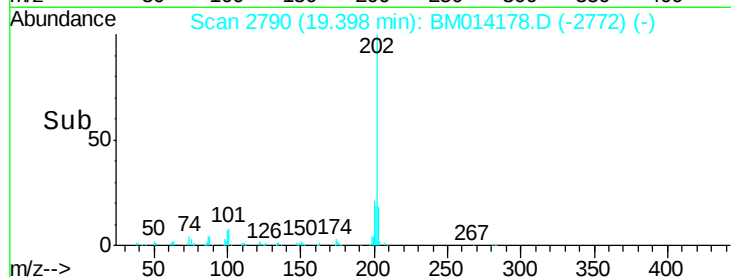
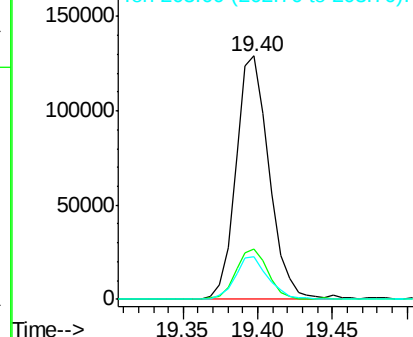
203 17.7 14.1 21.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 87.25 ng

RT: 19.60 min Scan# 2825

Delta R.T. -0.00 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

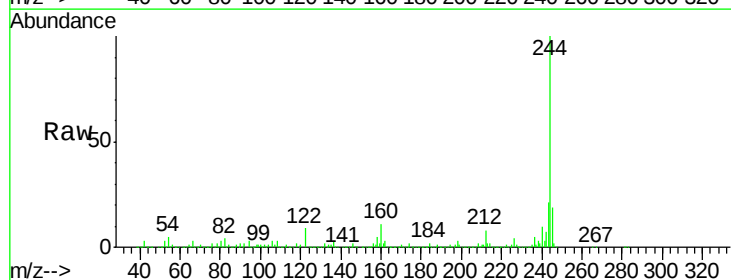
Tgt Ion:244 Resp: 3339969

Ion Ratio Lower Upper

244 100

212 8.0 4.9 7.3#

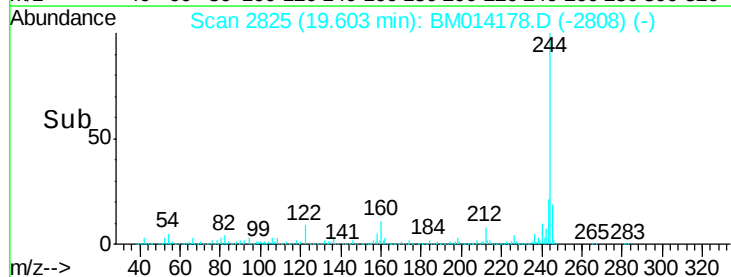
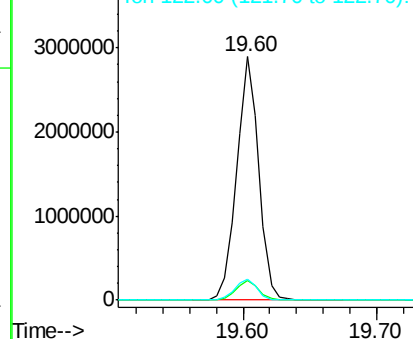
122 8.7 6.2 9.4

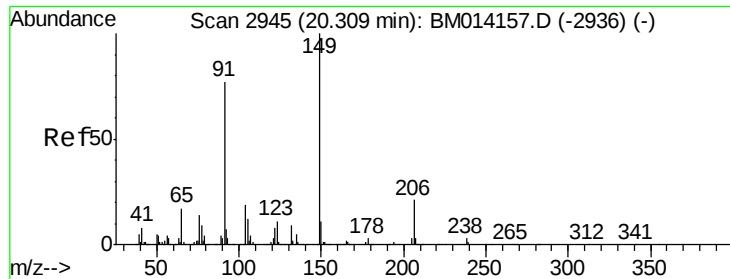


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

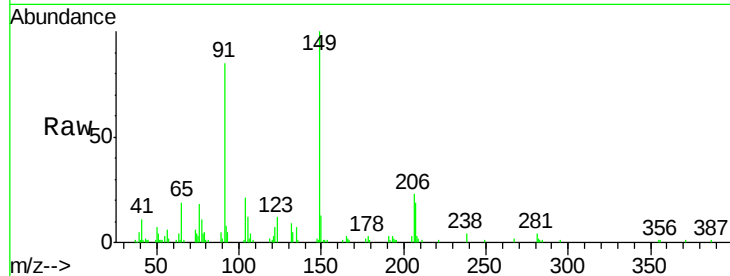




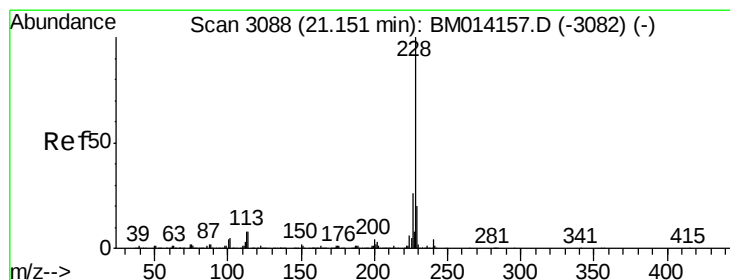
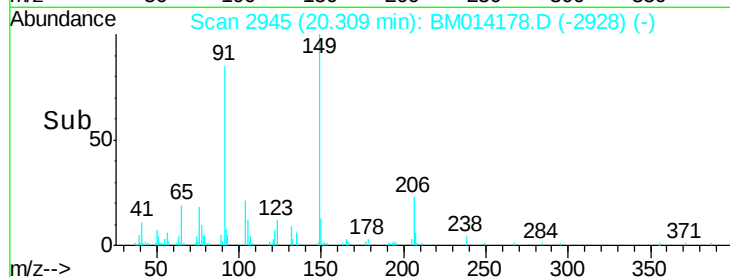
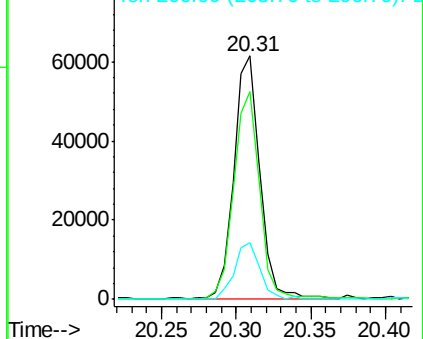
#79
Butylbenzylphthalate
Concen: 3.22 ng
RT: 20.31 min Scan# 2945
Delta R.T. -0.00 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 75253
Ion Ratio Lower Upper
149 100
91 85.3 50.1 75.1#
206 23.0 16.2 24.2

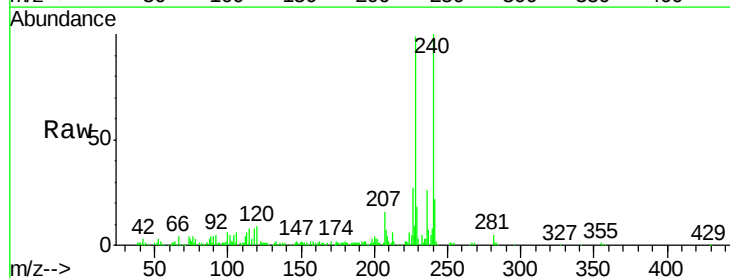


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BM0
Ion 206.00 (205.70 to 206.70): E

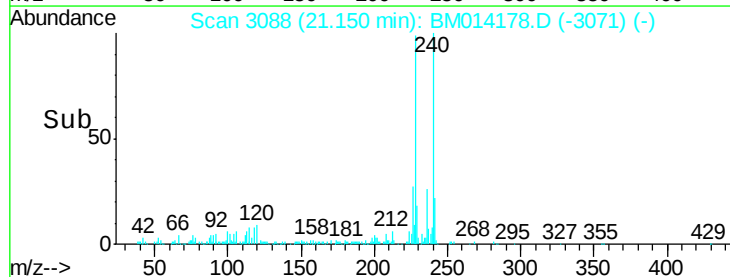
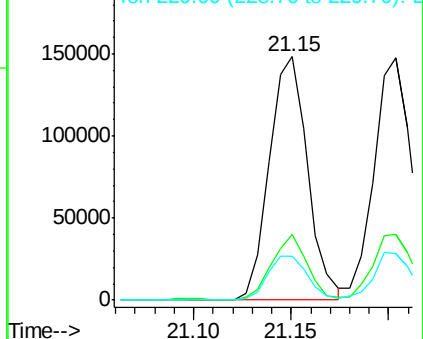


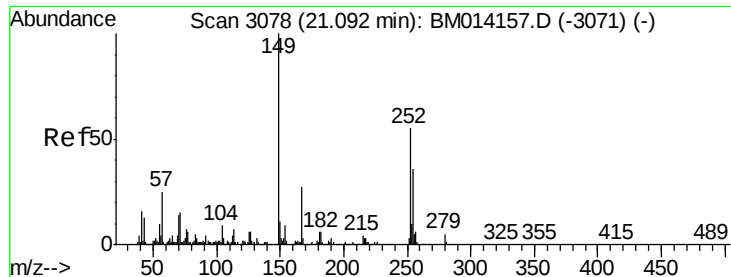
#80
Benzo(a)anthracene
Concen: 4.14 ng
RT: 21.15 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Tgt Ion:228 Resp: 201044
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 18.1 16.0 24.0



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

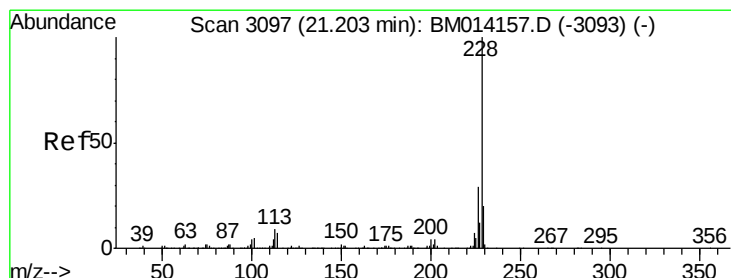
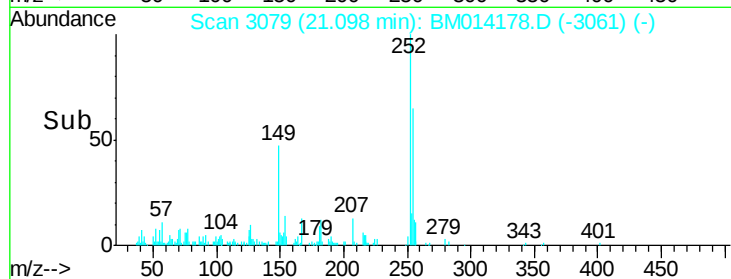
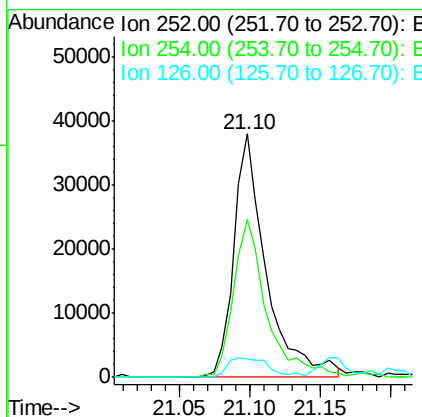
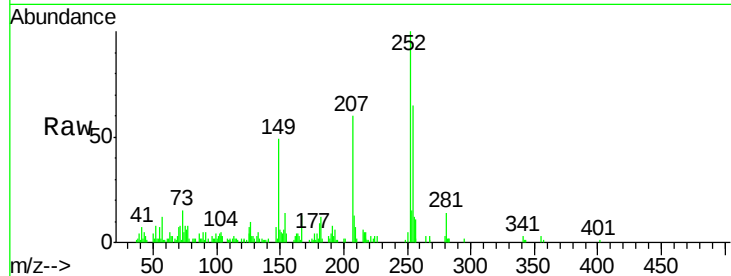




#81
 3,3'-Dichlorobenzidine
 Concen: 3.34 ng
 RT: 21.10 min Scan# 3079
 Delta R.T. 0.01 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

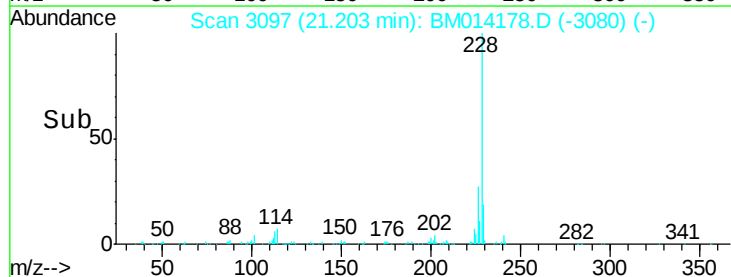
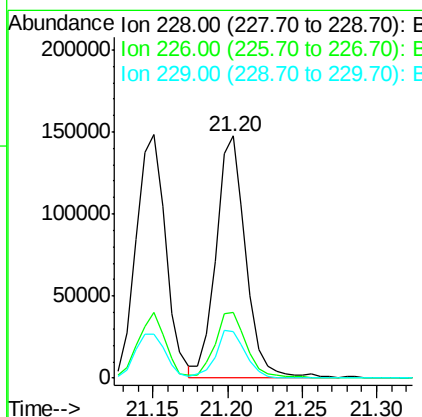
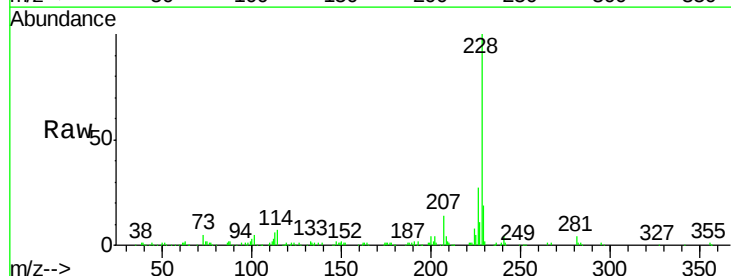
Instrument :
 BNA_F
 ClientSampleId :

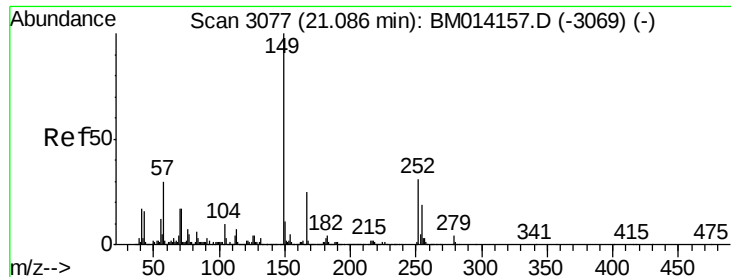
Tot Ion:252 Resp: 60603
 Ion Ratio Lower Upper
 252 100
 254 64.9 51.9 77.9
 126 7.3 9.8 14.8#



#82
 Chrysene
 Concen: 4.35 ng
 RT: 21.20 min Scan# 3097
 Delta R.T. -0.00 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

Tgt Ion:228 Resp: 205130
 Ion Ratio Lower Upper
 228 100
 226 27.3 24.1 36.1
 229 19.3 15.5 23.3

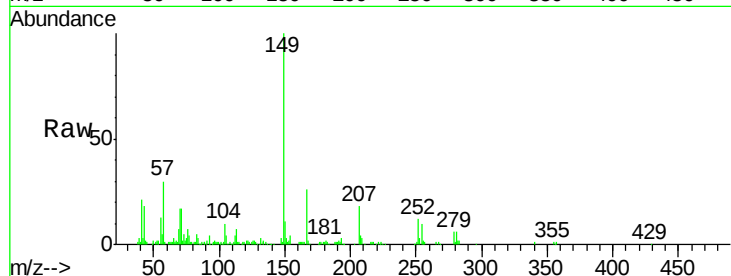




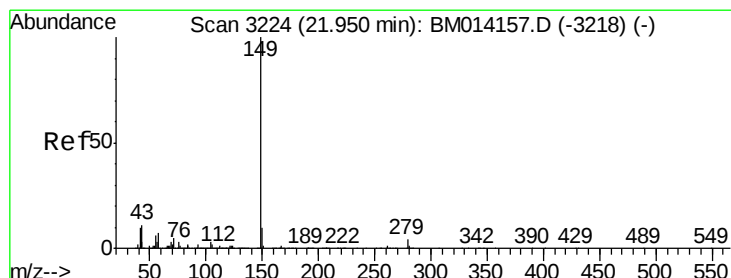
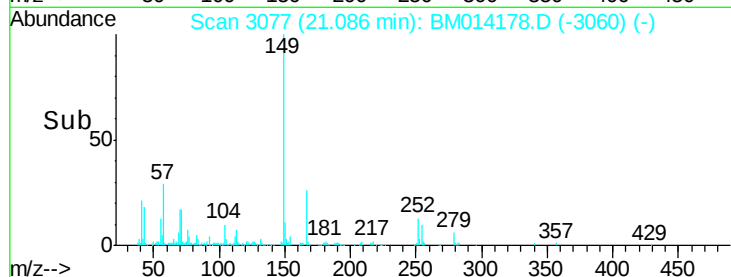
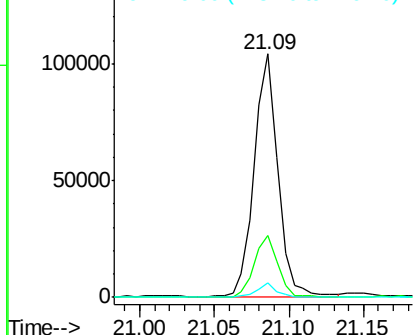
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.37 ng
 RT: 21.09 min Scan# 3077
 Delta R.T. -0.00 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 114972
 Ion Ratio Lower Upper
 149 100
 167 25.5 22.4 33.6
 279 5.7 3.4 5.0#

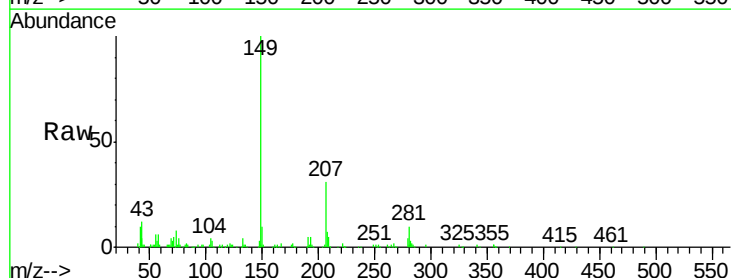


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

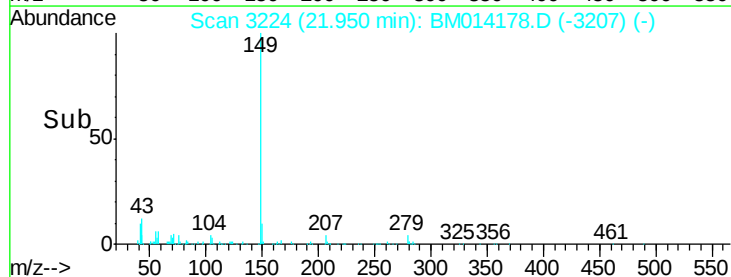
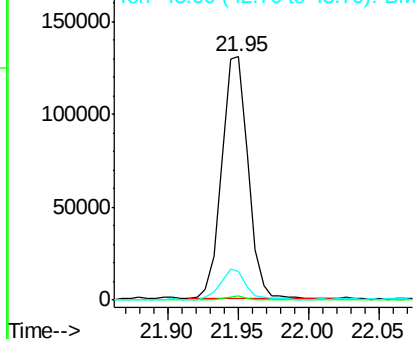


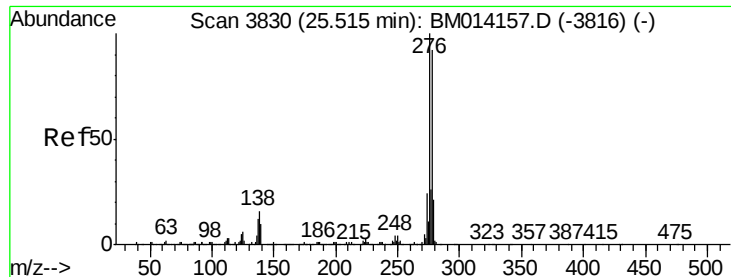
#84
 Di-n-octyl phthalate
 Concen: 3.59 ng
 RT: 21.95 min Scan# 3224
 Delta R.T. -0.00 min
 Lab File: BM014178.D
 Acq: 08 Feb 2018 01:29

Tgt Ion:149 Resp: 169783
 Ion Ratio Lower Upper
 149 100
 167 1.6 1.2 1.8
 43 13.1 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): BM0

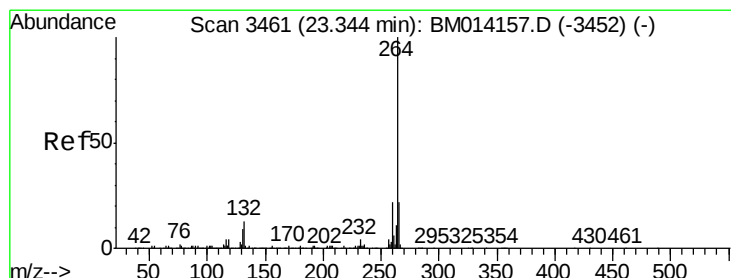
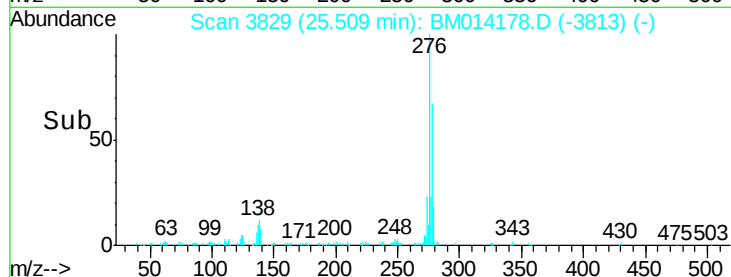
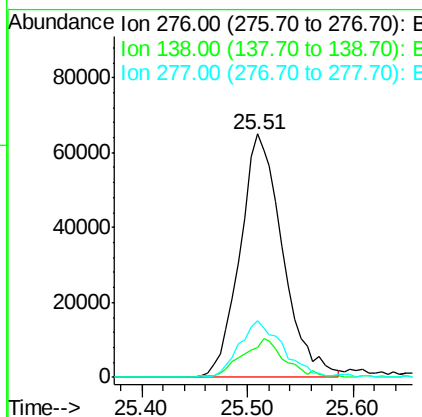
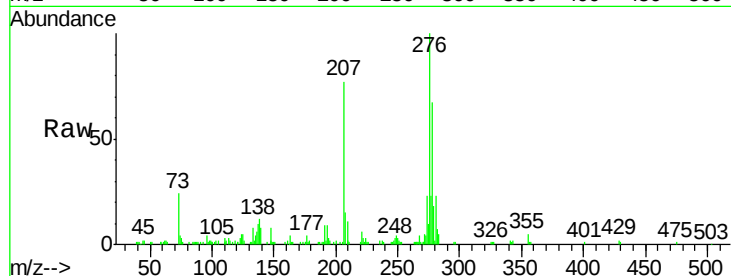




#85
Indeno(1,2,3-cd)pyrene
Concen: 4.92 ng
RT: 25.51 min Scan# 3829
Delta R.T. -0.01 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

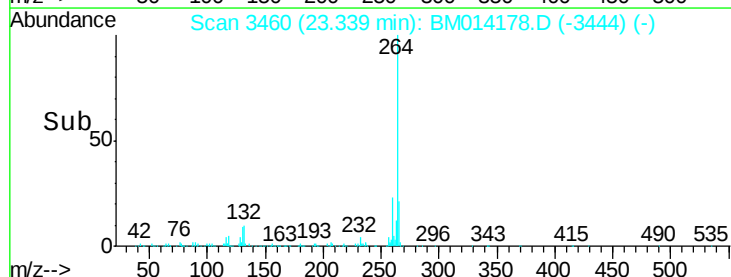
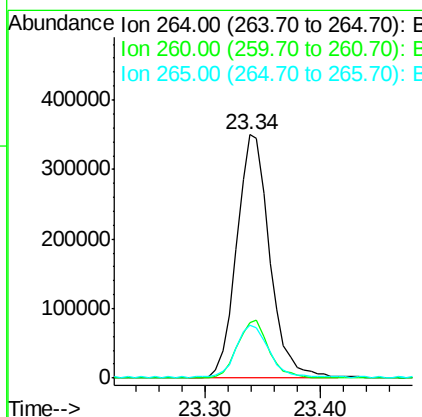
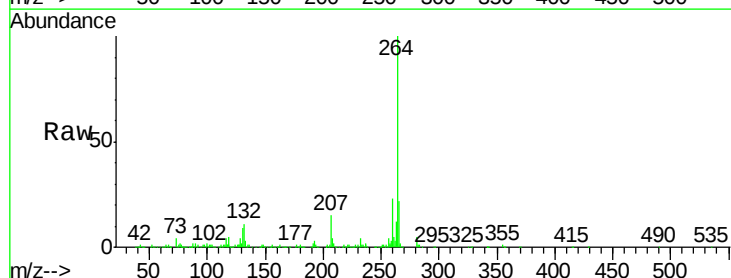
Instrument :
BNA_F
ClientSampleId :

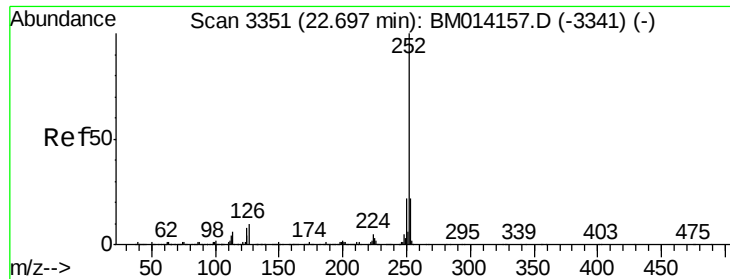
Tot Ion	Ratio	Lower	Upper
276	100		
138	15.8	12.0	18.0
277	23.7	20.0	30.0



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.34 min Scan# 3460
Delta R.T. -0.01 min
Lab File: BM014178.D
Acq: 08 Feb 2018 01:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.6	27.8
265	21.8	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 3.81 ng

RT: 22.70 min Scan# 3351

Delta R.T. -0.00 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Instrument :

BNA_F

ClientSampleId :

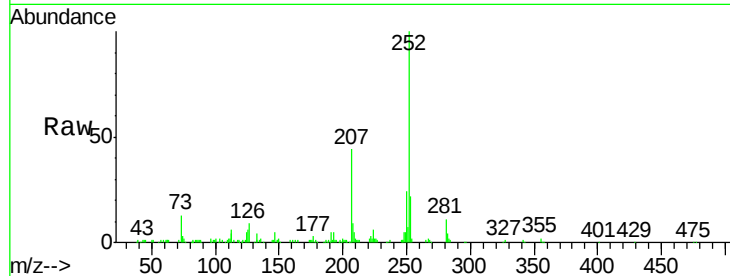
Tot Ion:252 Resp: 183962

Ion Ratio Lower Upper

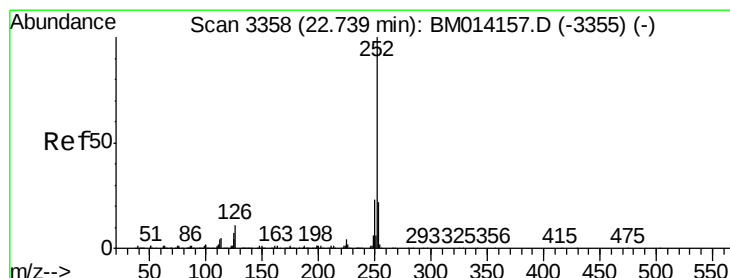
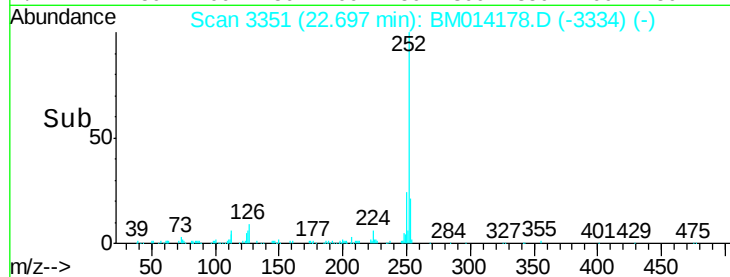
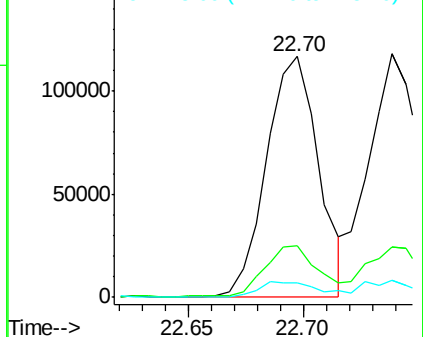
252 100

253 21.5 18.0 27.0

125 6.0 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: 4.23 ng

RT: 22.74 min Scan# 3358

Delta R.T. -0.00 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

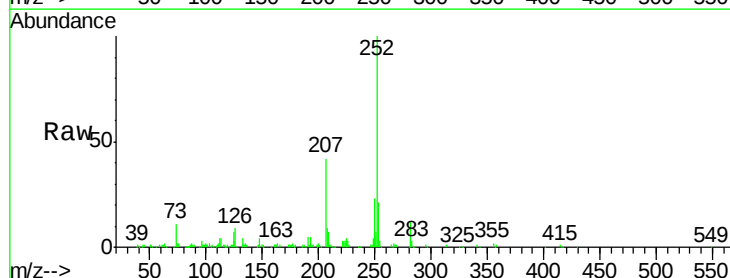
Tgt Ion:252 Resp: 194039

Ion Ratio Lower Upper

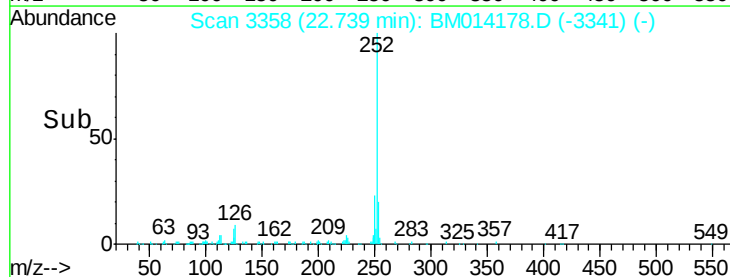
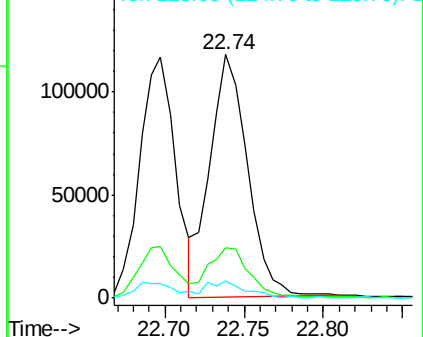
252 100

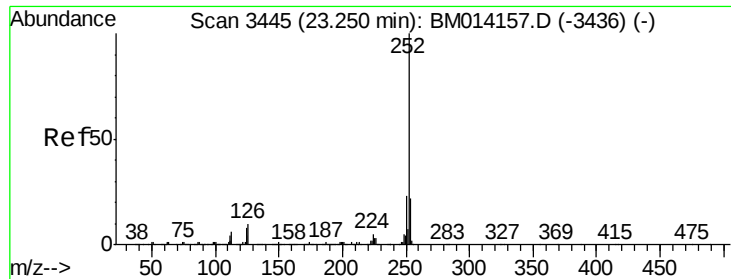
253 20.6 17.2 25.8

125 7.0 8.1 12.1#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 4.12 ng

RT: 23.25 min Scan# 3445

Delta R.T. -0.00 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Instrument :

BNA_F

ClientSampleId :

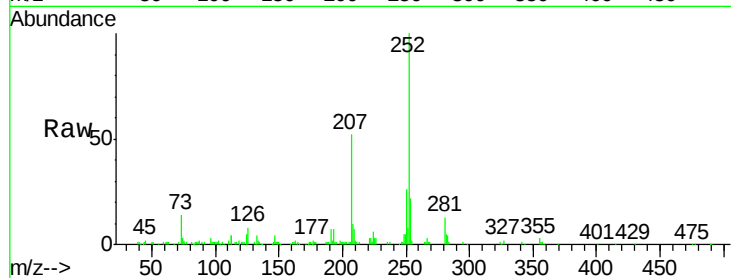
Tot Ion:252 Resp: 175082

Ion Ratio Lower Upper

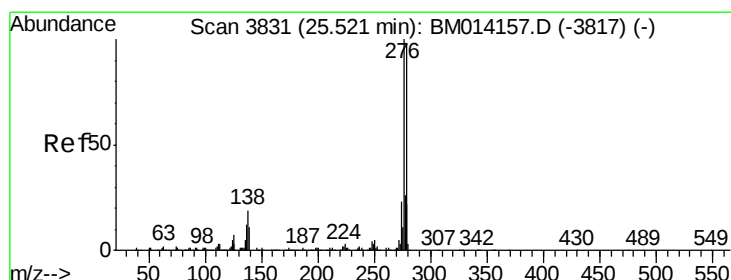
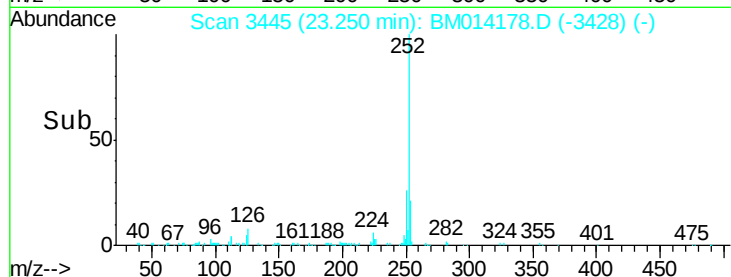
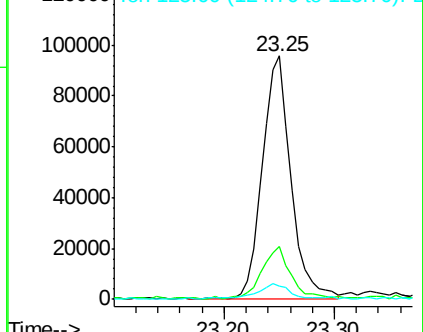
252 100

253 21.7 17.6 26.4

125 5.4 7.4 11.2#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 4.37 ng

RT: 25.52 min Scan# 3831

Delta R.T. -0.00 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

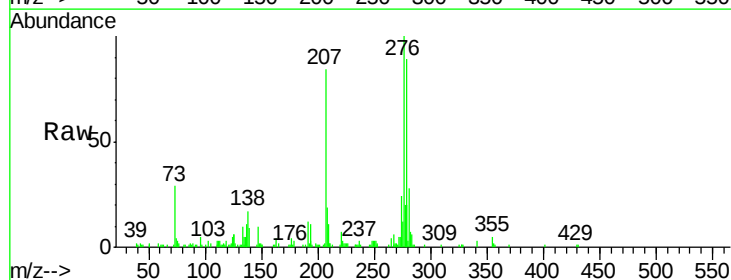
Tgt Ion:278 Resp: 151799

Ion Ratio Lower Upper

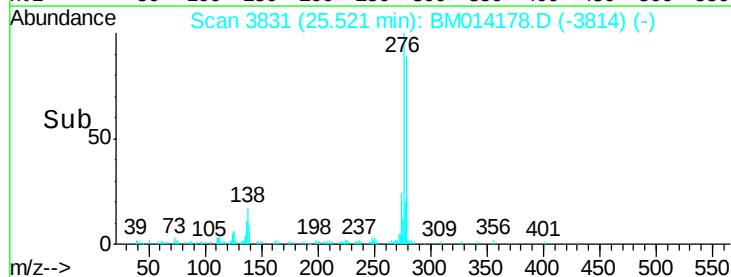
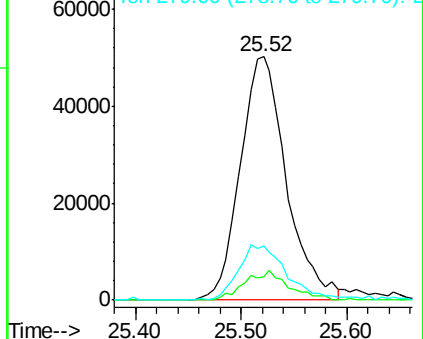
278 100

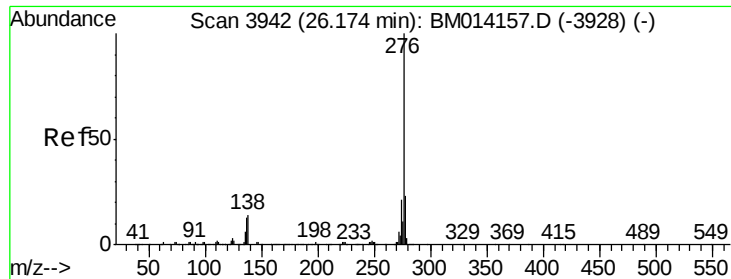
139 9.6 13.4 20.0#

279 22.1 19.0 28.4



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 4.18 ng

RT: 26.18 min Scan# 3943

Delta R.T. 0.01 min

Lab File: BM014178.D

Acq: 08 Feb 2018 01:29

Instrument :

BNA_F

ClientSampleId :

Tot Ion:276 Resp: 135631

Ion Ratio Lower Upper

276 100

277 20.0 18.5 27.7

138 11.5 19.0 28.6#

