

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050318\
 Data File : BF105076.D
 Acq On : 3 May 2018 16:54
 Operator : JU/SJ
 Sample : PB108756BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 04 01:54:40 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 02 17:25:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	87735	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	385164	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	194999	20.00	ng	-0.01
63) Phenanthrene-d10	11.32	188	378814	20.00	ng	0.00
75) Chrysene-d12	14.02	240	279388	20.00	ng	-0.02
86) Perylene-d12	15.57	264	223308	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	786031	136.99	ng	0.01
7) Phenol-d6	6.44	99	907232	128.69	ng	0.00
23) Nitrobenzene-d5	7.35	82	572004	96.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.63	330	285096	140.94	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1130036	91.55	ng	-0.01
78) Terphenyl-d14	12.91	244	1245311	101.62	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.55	88	93420	34.94	ng	# 86
3) Pyridine	3.31	79	242769	32.30	ng	# 84
4) n-Nitrosodimethylamine	3.26	42	95058	36.18	ng	# 77
6) Aniline	6.46	93	122206	12.48	ng	# 1
8) 2-Chlorophenol	6.57	128	290901	48.03	ng	93
9) Benzaldehyde	6.33	77	160898	48.39	ng	94
10) Phenol	6.45	94	329127	44.00	ng	86
11) bis(2-Chloroethyl)ether	6.52	93	265674	44.51	ng	92
12) 1,3-Dichlorobenzene	6.72	146	297703	43.39	ng	99
13) 1,4-Dichlorobenzene	6.80	146	304027	44.45	ng	98
14) 1,2-Dichlorobenzene	6.95	146	277742	43.82	ng	97
15) Benzyl Alcohol	6.94	79	214786	40.11	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.05	45	291964	36.42	ng	# 1
17) 2-Methylphenol	7.06	107	232582	44.18	ng	# 87
18) Hexachloroethane	7.28	117	108855	44.64	ng	97
19) n-Nitroso-di-n-propylamine	7.20	70	188491	40.92	ng	90
20) 3+4-Methylphenols	7.22	107	322129	49.34	ng	95
22) Acetophenone	7.20	105	397072	41.87	ng	# 93
24) Nitrobenzene	7.37	77	288060	44.23	ng	99
25) Isophorone	7.61	82	531597	42.62	ng	98
26) 2-Nitrophenol	7.69	139	164749	62.14	ng	94
27) 2,4-Dimethylphenol	7.73	122	257530	46.78	ng	99
28) bis(2-Chloroethoxy)methane	7.82	93	341557	44.79	ng	99
29) 2,4-Dichlorophenol	7.94	162	258416	49.20	ng	98
30) 1,2,4-Trichlorobenzene	8.00	180	252813	43.86	ng	99
31) Naphthalene	8.09	128	840175	43.81	ng	100
32) Benzoic acid	7.89	122	177042	40.31	ng	97
34) Hexachlorobutadiene	8.19	225	141108	44.69	ng	97
35) Caprolactam	8.53	113	48210	26.31	ng	# 75
36) 4-Chloro-3-methylphenol	8.65	107	276078	49.02	ng	100
37) 2-Methylnaphthalene	8.78	142	568751	45.84	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	251855	45.12	ng	100
40) Hexachlorocyclopentadiene	8.92	237	201366	64.44	ng	99
42) 2,4,6-Trichlorophenol	9.07	196	177650	45.85	ng	99

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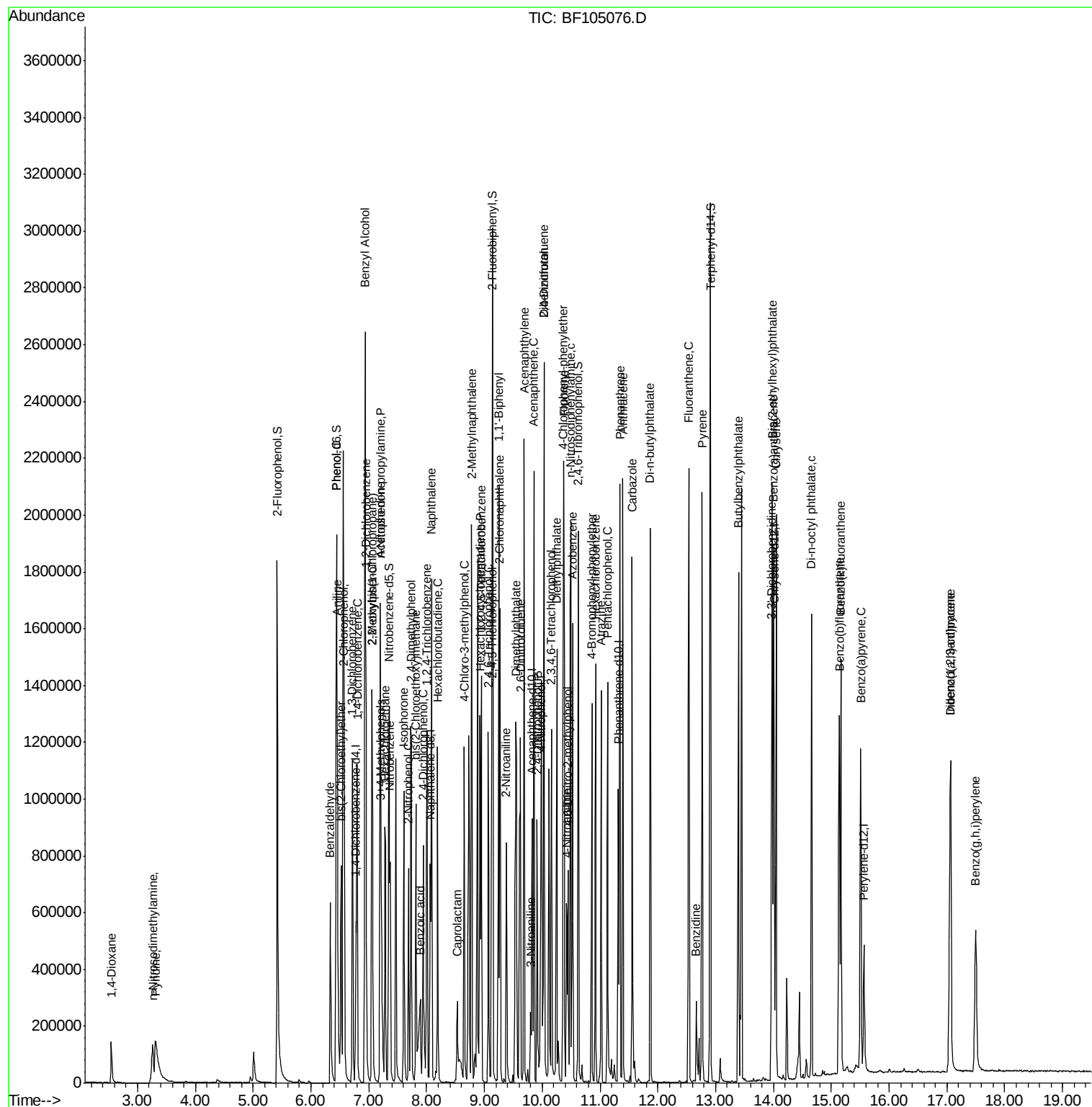
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.12	196	183723	42.37	nq	94
45) 1,1'-Biphenyl	9.25	154	695965	42.49	nq	98
46) 2-Chloronaphthalene	9.27	162	553671	42.79	nq	99
47) 2-Nitroaniline	9.38	65	155467	48.59	nq	97
48) Acenaphthylene	9.69	152	811106	39.95	nq	100
49) Dimethylphthalate	9.55	163	685442	44.58	nq	99
50) 2,6-Dinitrotoluene	9.62	165	149539	52.56	nq	94
51) Acenaphthene	9.86	154	490054	39.56	nq	98
52) 3-Nitroaniline	9.80	138	50262	15.09	nq	98
53) 2,4-Dinitrophenol	9.92	184	159579	113.31	nq	# 17
54) Dibenzofuran	10.03	168	721438	41.79	nq	97
55) 4-Nitrophenol	9.99	139	178574	68.24	nq	92
56) 2,4-Dinitrotoluene	10.03	165	185543	49.71	nq	95
57) Fluorene	10.37	166	604163	48.09	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.16	232	153915	47.58	nq	94
59) Diethylphthalate	10.25	149	683369	44.62	nq	97
60) 4-Chlorophenyl-phenylether	10.36	204	284627	50.87	nq	98
61) 4-Nitroaniline	10.42	138	147181	45.19	nq	98
62) Azobenzene	10.53	77	590728	40.37	nq	92
64) 4,6-Dinitro-2-methylphenol	10.45	198	109001	57.39	nq	# 77
65) n-Nitrosodiphenylamine	10.49	169	542537	41.31	nq	100
66) 4-Bromophenyl-phenylether	10.86	248	180204	44.72	nq	# 89
67) Hexachlorobenzene	10.92	284	200295	44.18	nq	94
68) Atrazine	11.02	200	166721	42.05	nq	98
69) Pentachlorophenol	11.13	266	182791	65.17	nq	97
70) Phenanthrene	11.35	178	875301	41.49	nq	99
71) Anthracene	11.40	178	926727	43.22	nq	98
72) Carbazole	11.56	167	850055	40.57	nq	100
73) Di-n-butylphthalate	11.87	149	1103333	43.10	nq	100
74) Fluoranthene	12.53	202	933566	42.36	nq	99
76) Benzidine	12.66	184	140769	10.50	nq	97
77) Pyrene	12.77	202	940050	45.39	nq	100
79) Butylbenzylphthalate	13.39	149	460278	47.18	nq	93
80) Benzo(a)anthracene	14.00	228	799517	47.90	nq	99
81) 3,3'-Dichlorobenzidine	13.96	252	92132	14.80	nq	97
82) Chrysene	14.04	228	764130	44.57	nq	97
83) Bis(2-ethylhexyl)phthalate	13.97	149	624584	49.77	nq	99
84) Di-n-octyl phthalate	14.66	149	1000438	47.71	nq	# 93
85) Indeno(1,2,3-cd)pyrene	17.06	276	564625	38.77	nq	96
87) Benzo(b)fluoranthene	15.14	252	662435	46.97	nq	99
88) Benzo(k)fluoranthene	15.17	252	615777	46.25	nq	98
89) Benzo(a)pyrene	15.51	252	587353	46.54	nq	99
90) Dibenzo(a,h)anthracene	17.06	278	479909	46.30	nq	97
91) Benzo(g,h,i)perylene	17.50	276	481757	47.98	nq	95

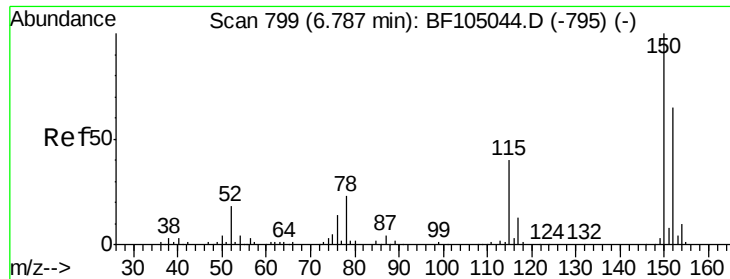
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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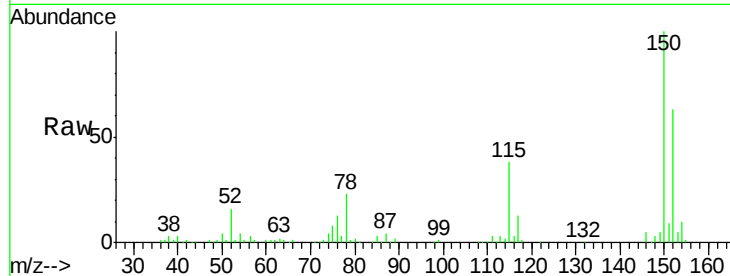


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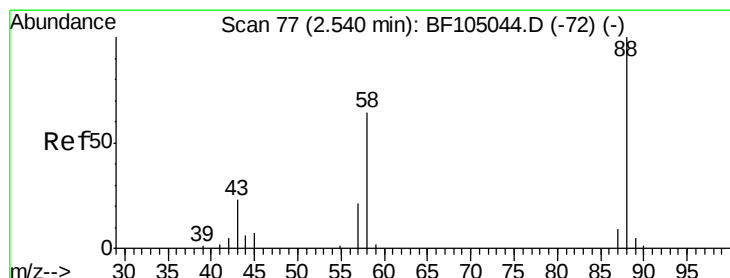
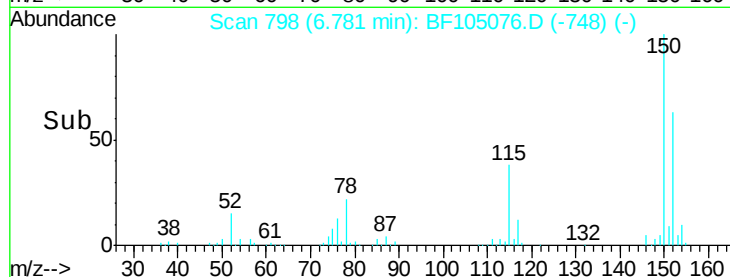
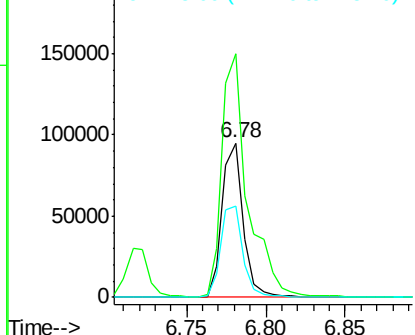
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.78 min Scan# 798
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87735
Ion Ratio Lower Upper
152 100
150 158.0 124.6 186.8
115 59.2 50.1 75.1



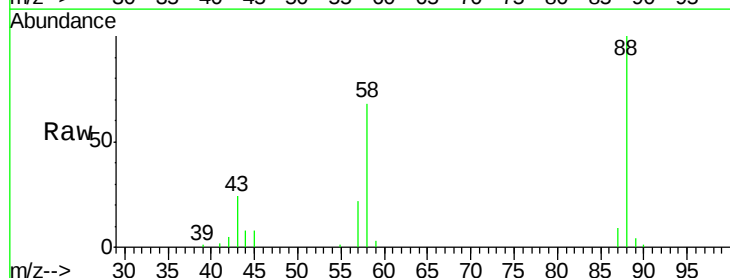
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



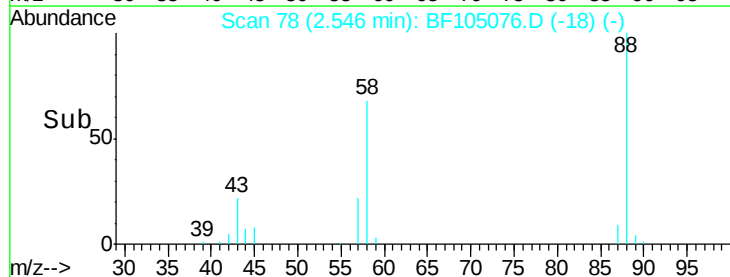
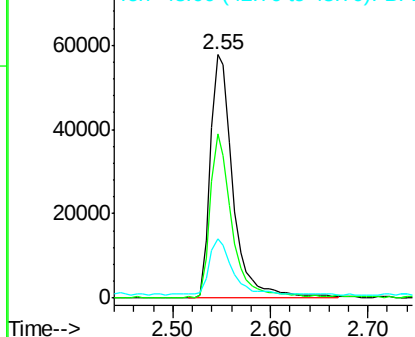
#2

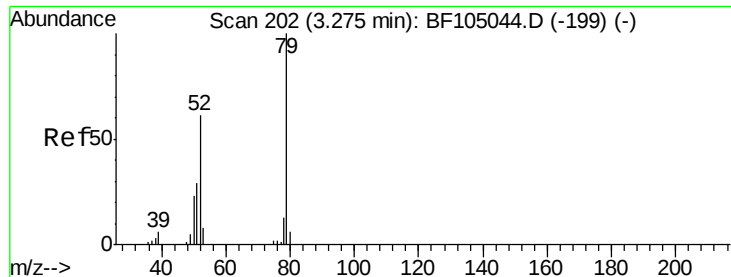
1,4-Dioxane
Concen: 34.94 ng
RT: 2.55 min Scan# 78
Delta R.T. 0.05 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion: 88 Resp: 93420
Ion Ratio Lower Upper
88 100
58 64.7 62.6 93.8
43 24.2 24.6 37.0#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1



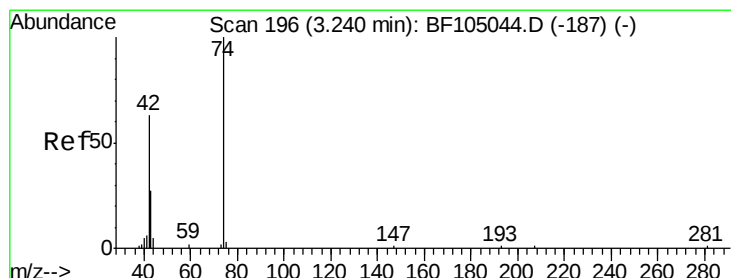
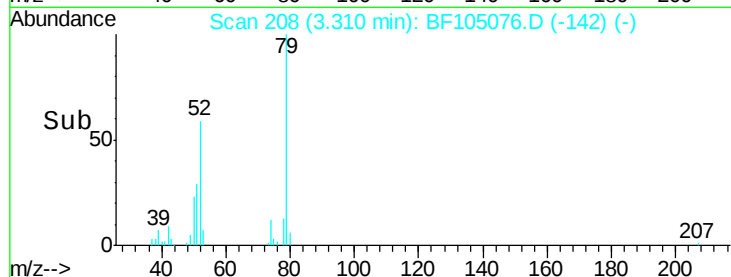
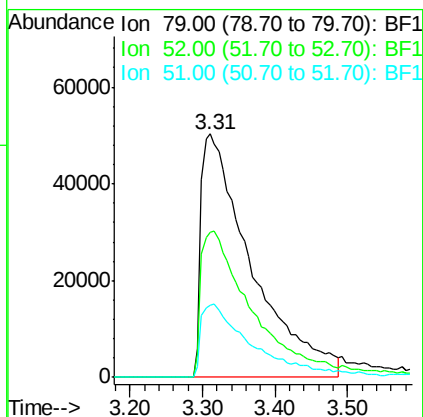
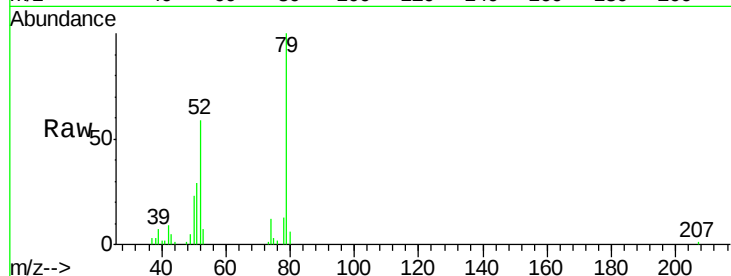


#3
Pvridine
Concen: 32.30 ng
RT: 3.31 min Scan# 208
Delta R.T. 0.09 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 242769

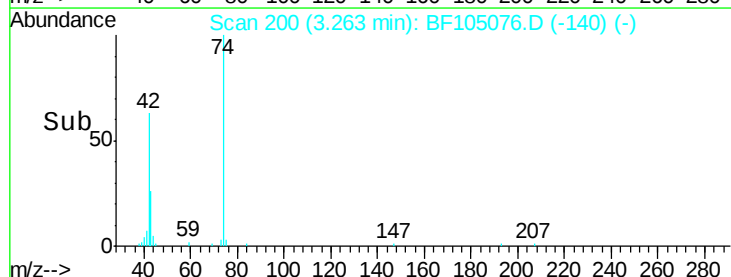
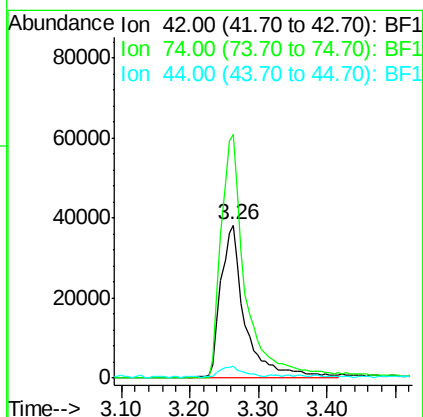
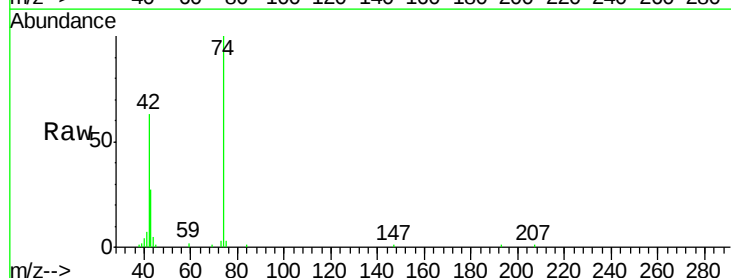
Ion	Ratio	Lower	Upper
79	100		
52	59.4	59.8	89.6#
51	29.4	29.8	44.8#

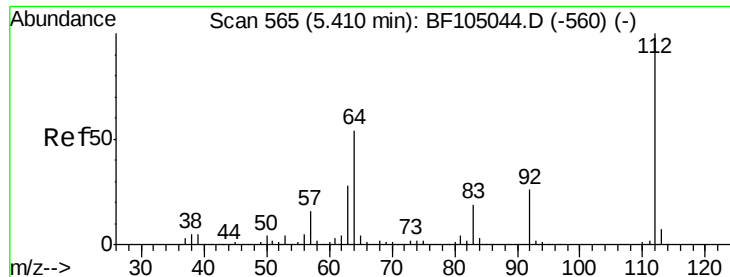


#4
n-Nitrosodimethylamine
Concen: 36.18 ng
RT: 3.26 min Scan# 200
Delta R.T. 0.05 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion: 42 Resp: 95058

Ion	Ratio	Lower	Upper
42	100		
74	159.1	104.9	157.3#
44	7.7	6.9	10.3





#5

2-Fluorophenol

Concen: 136.99 ng

RT: 5.42 min Scan# 566

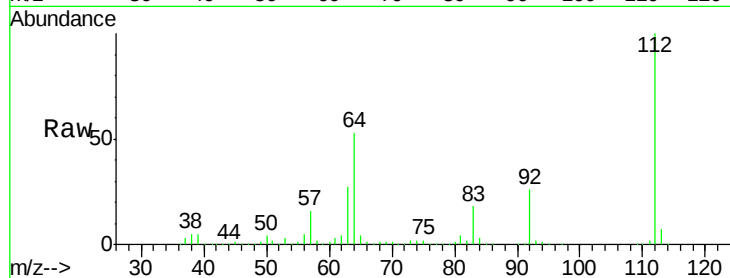
Delta R.T. 0.01 min

Lab File: BF105076.D

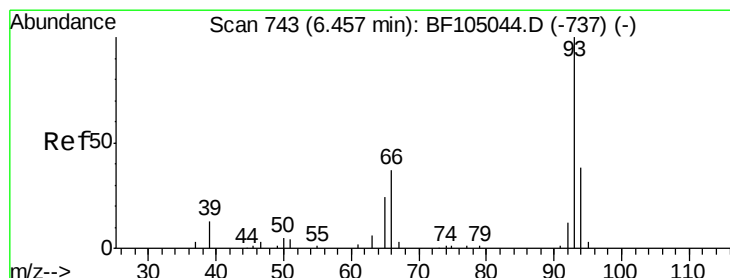
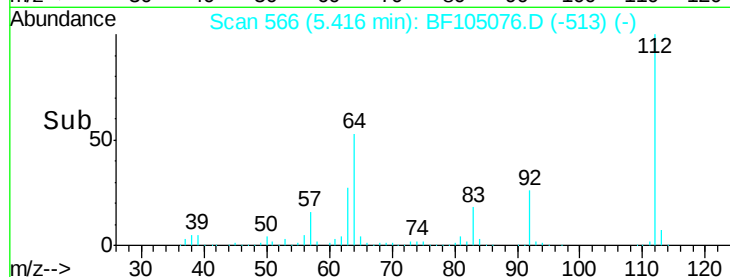
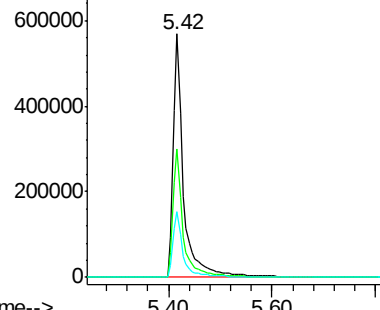
Acq: 3 May 2018 16:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	786031
Ion	Ratio	Lower	Upper
112	100		
64	52.9	47.9	71.9
63	27.0	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 12.48 ng

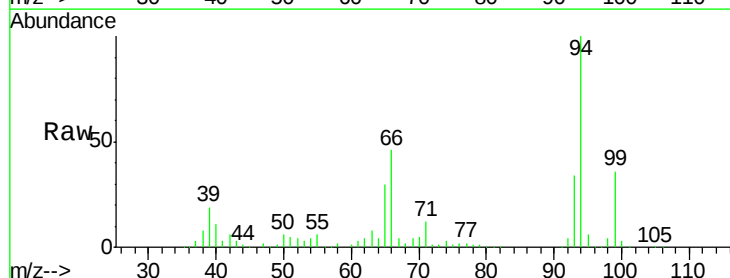
RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

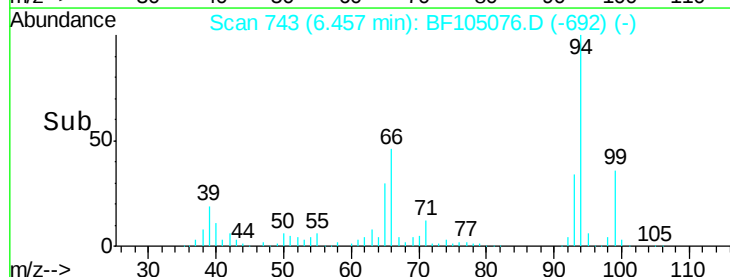
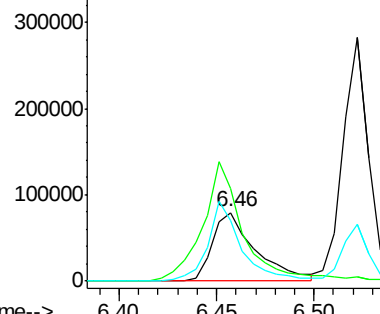
Lab File: BF105076.D

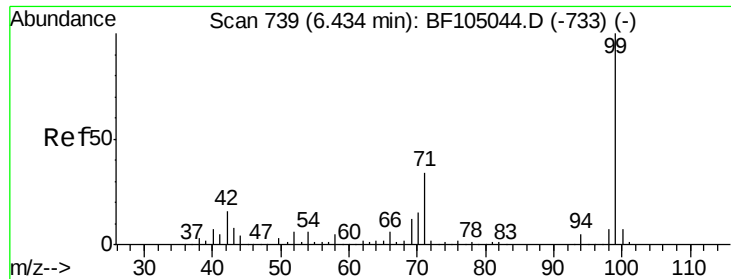
Acq: 3 May 2018 16:54

Tgt Ion:	93	Resp:	122206
Ion	Ratio	Lower	Upper
93	100		
66	135.1	32.2	48.2#
65	87.7	16.4	24.6#



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 128.69 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

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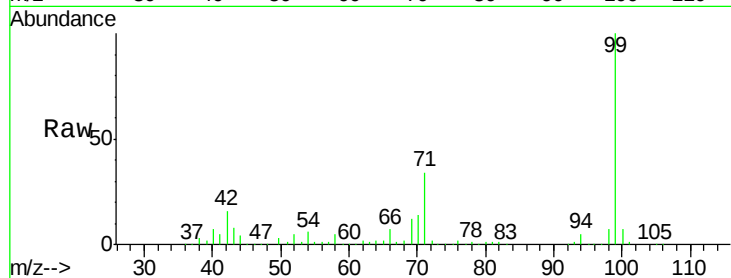
Tot Ion: 99 Resp: 907232

Ion Ratio Lower Upper

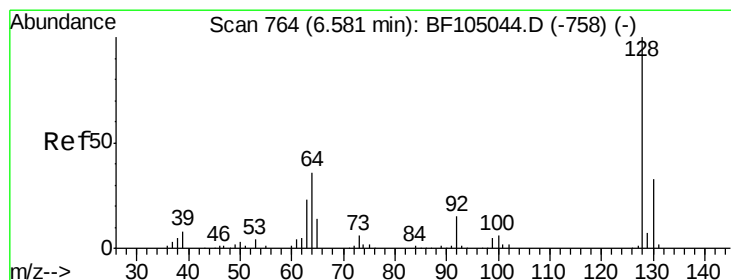
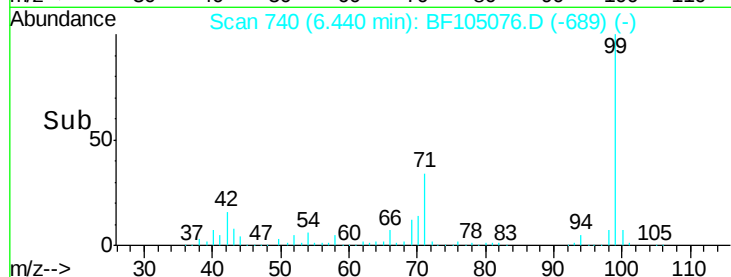
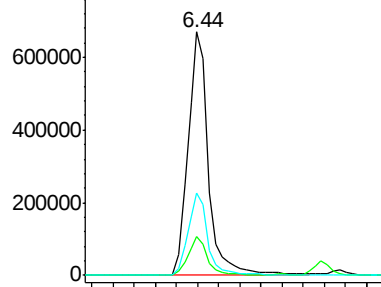
99 100

42 15.7 14.5 21.7

71 33.7 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 48.03 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

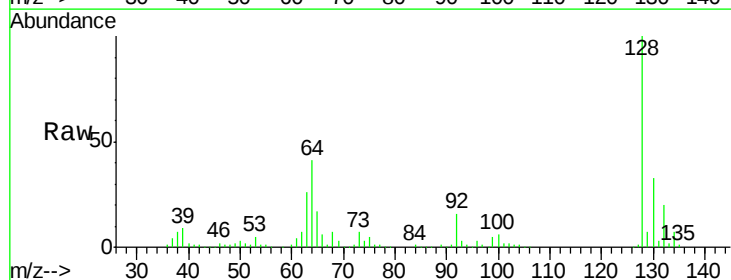
Tgt Ion: 128 Resp: 290901

Ion Ratio Lower Upper

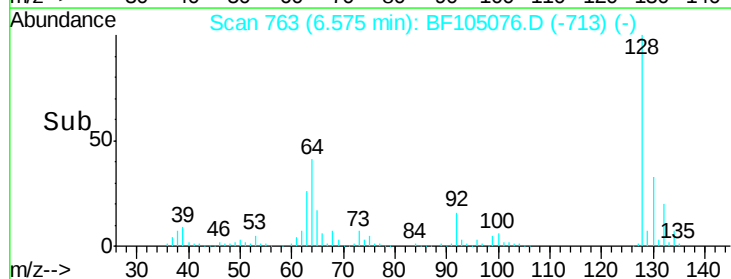
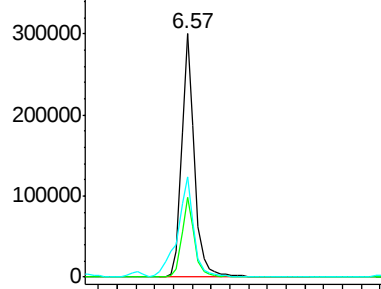
128 100

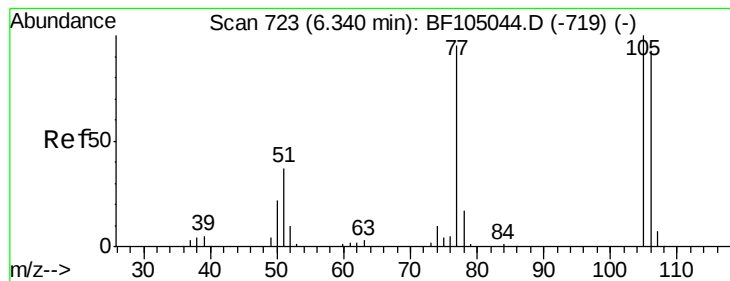
130 32.6 13.0 53.0

64 41.3 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 48.39 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

Instrument :

BNA_F

ClientSampleId :

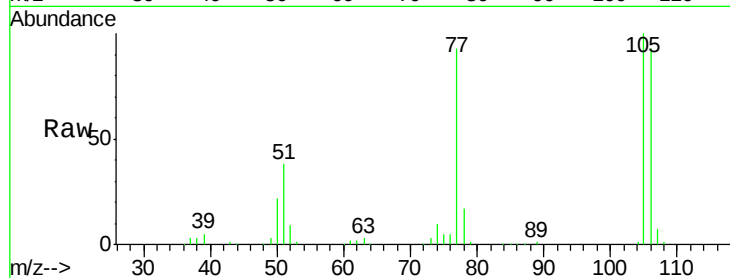
Tot Ion: 77 Resp: 160898

Ion Ratio Lower Upper

77 100

105 107.6 81.1 121.1

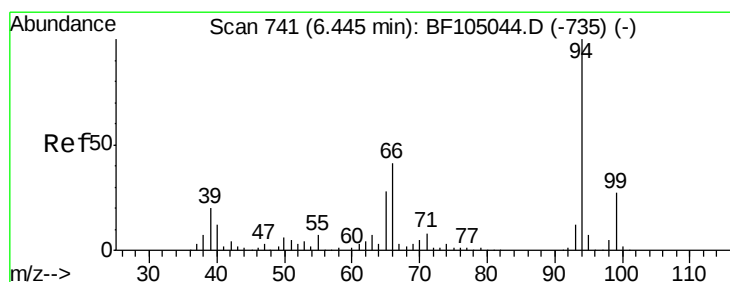
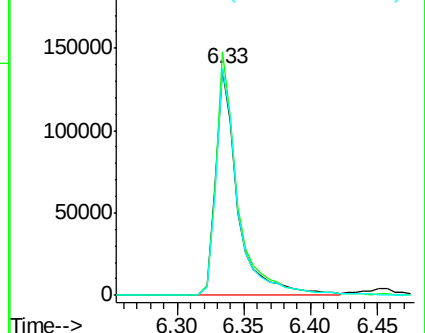
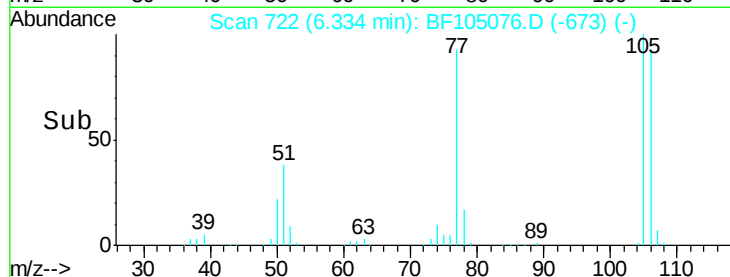
106 100.0 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 44.00 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

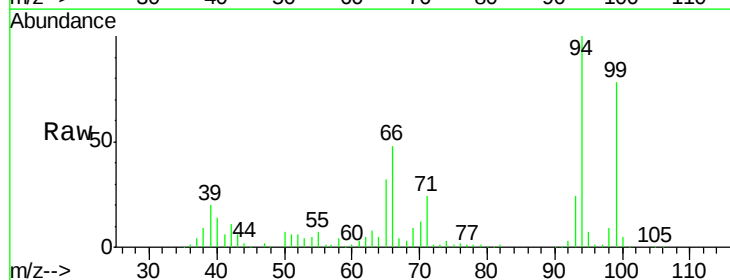
Tgt Ion: 94 Resp: 329127

Ion Ratio Lower Upper

94 100

65 31.6 7.9 47.9

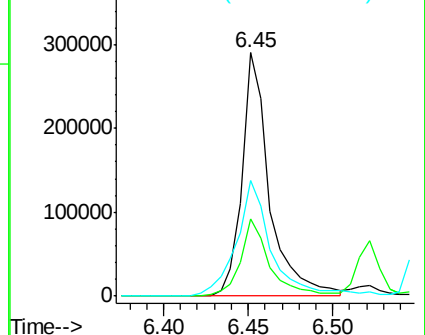
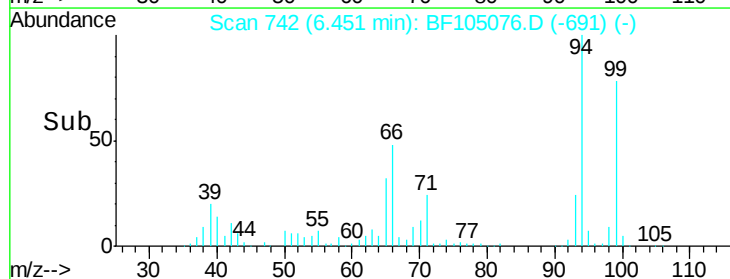
66 47.7 16.2 56.2

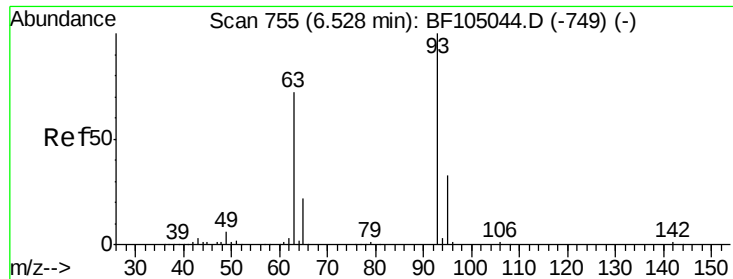


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

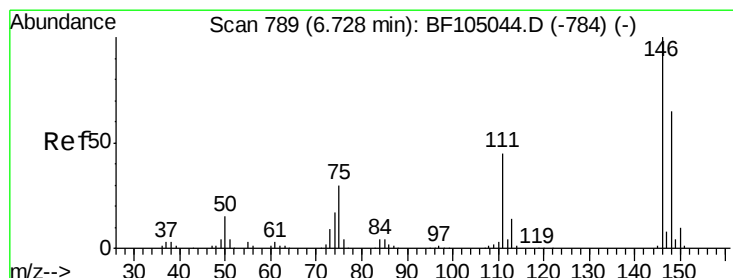
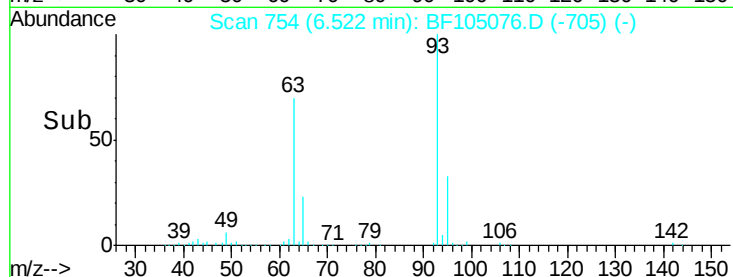
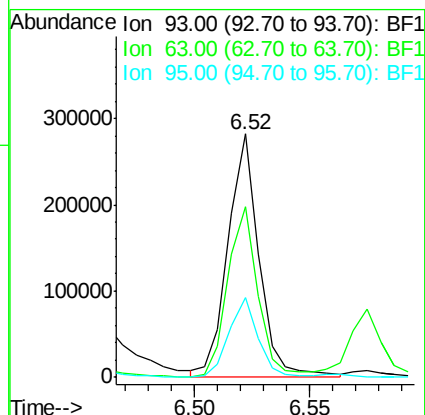
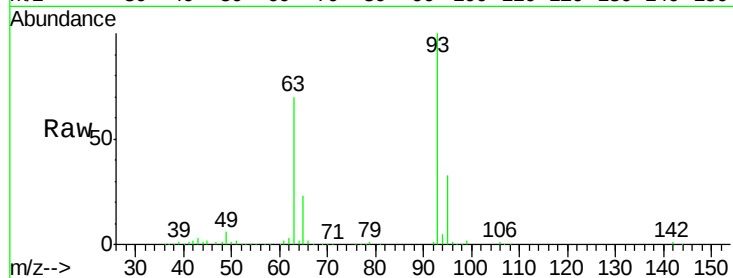




#11
bis(2-Chloroethyl)ether
Concen: 44.51 ng
RT: 6.52 min Scan# 754
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

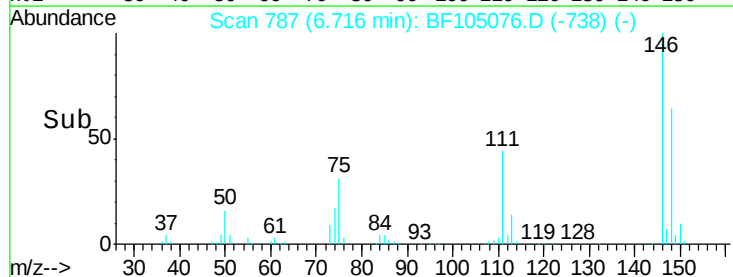
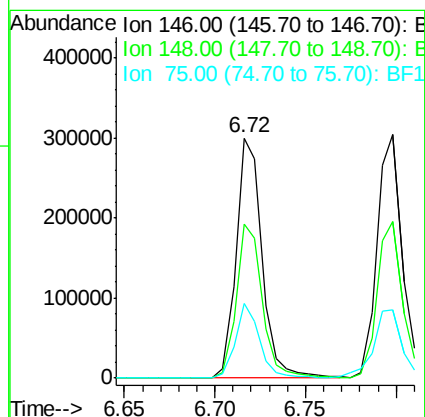
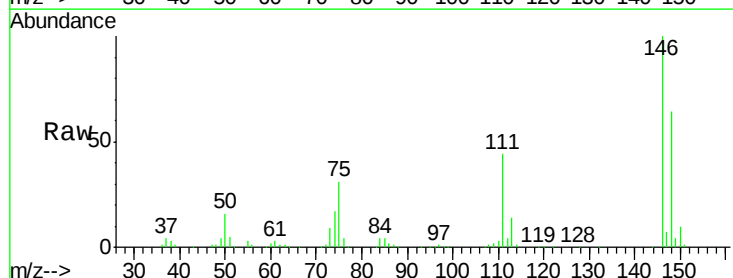
Instrument :
BNA_F
ClientSampleId :

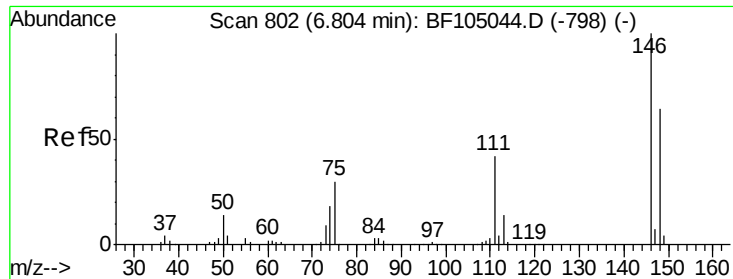
Tot Ion: 93 Resp: 265674
Ion Ratio Lower Upper
93 100
63 70.0 58.6 98.6
95 32.8 11.8 51.8



#12
1,3-Dichlorobenzene
Concen: 43.39 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion: 146 Resp: 297703
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.8
75 31.1 24.2 36.4

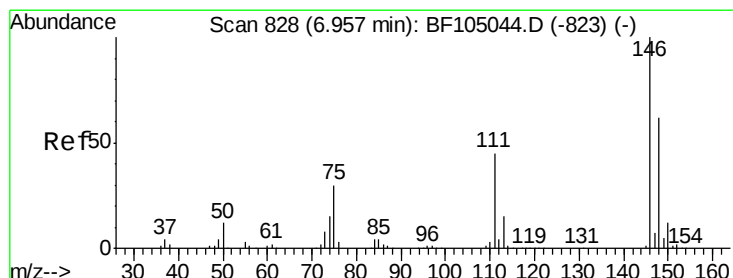
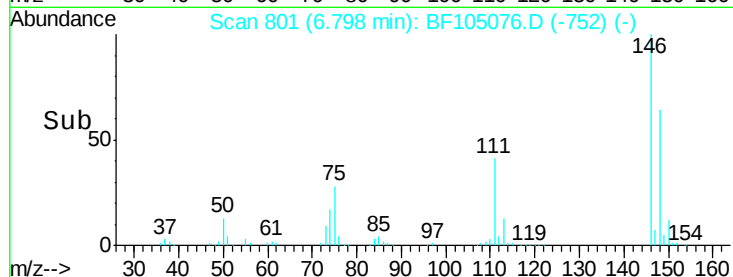
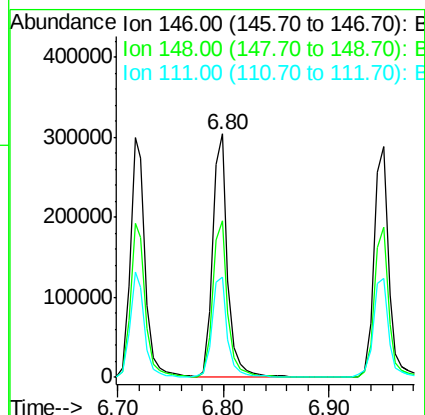
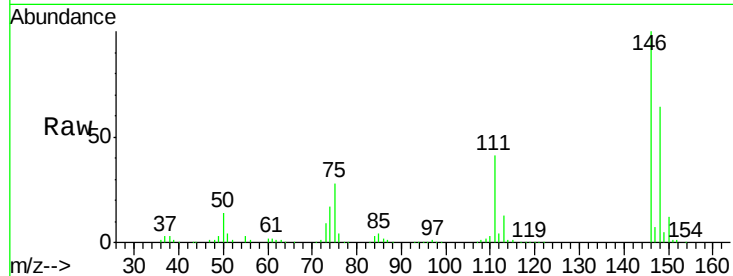




#13
 1,4-Dichlorobenzene
 Concen: 44.45 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

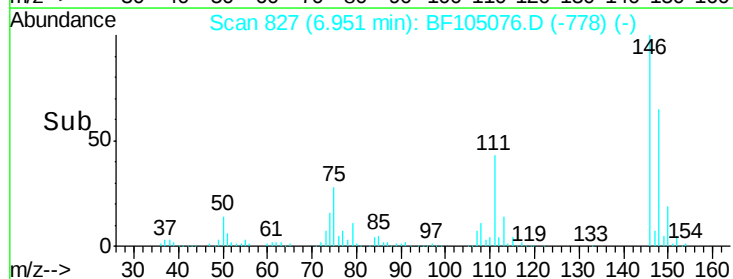
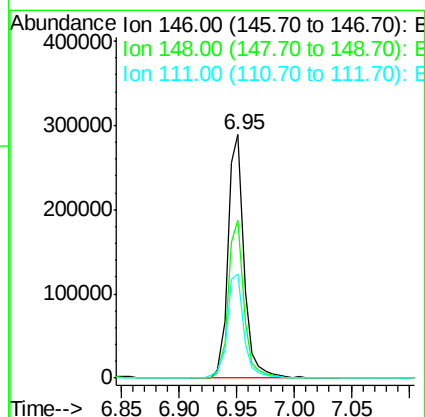
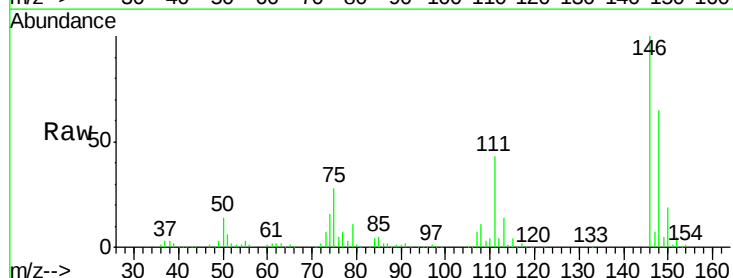
Instrument :
 BNA_F
 ClientSampleId :

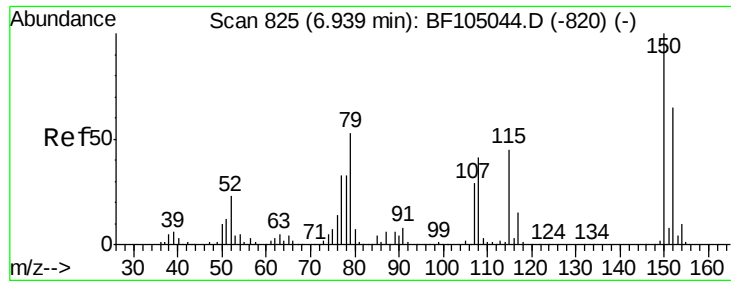
Tot Ion:146 Resp: 304027
 Ion Ratio Lower Upper
 146 100
 148 64.4 50.8 76.2
 111 41.4 34.2 51.2



#14
 1,2-Dichlorobenzene
 Concen: 43.82 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

Tgt Ion:146 Resp: 277742
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.6 75.8
 111 42.6 36.0 54.0

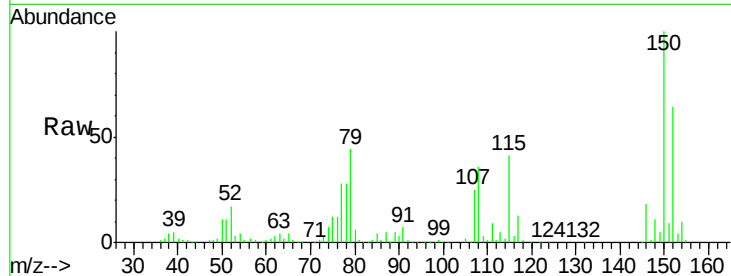




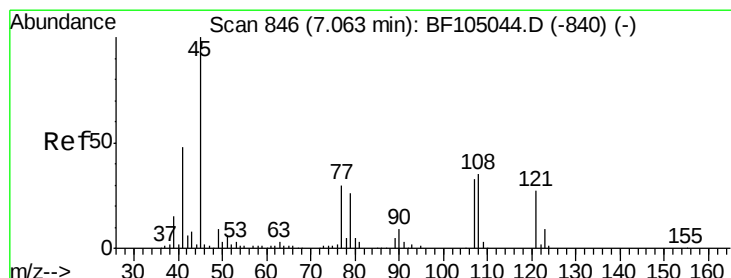
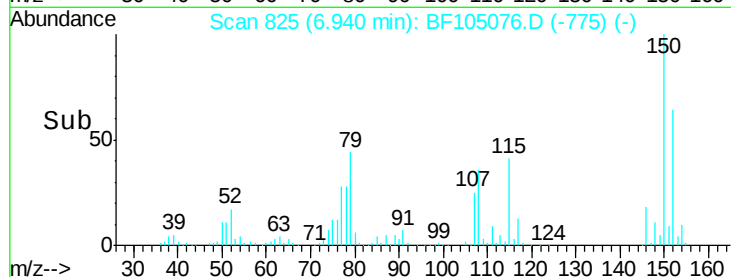
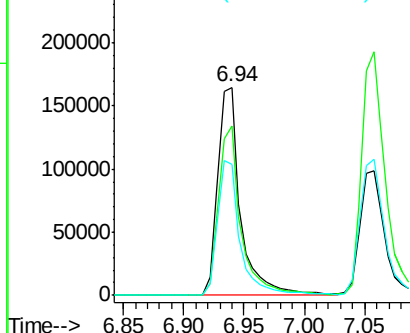
#15
Benzyl Alcohol
Concen: 40.11 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 79 Resp: 214786
Ion Ratio Lower Upper
79 100
108 81.7 65.1 97.7
77 63.2 50.6 75.8

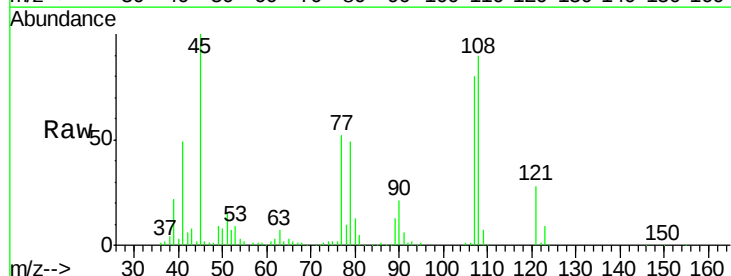


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

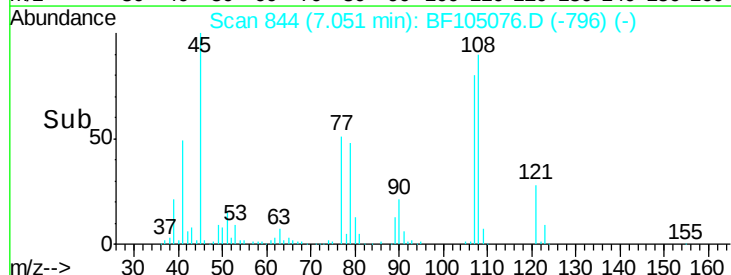
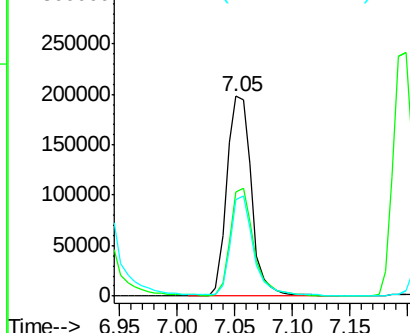


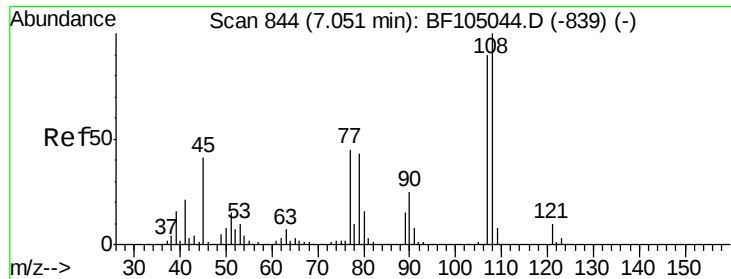
#16
2,2'-oxybis(1-chloropropane)
Concen: 36.42 ng
RT: 7.05 min Scan# 844
Delta R.T. -0.02 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion: 45 Resp: 291964
Ion Ratio Lower Upper
45 100
77 51.9 0.0 32.9#
79 48.6 0.0 29.6#



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 44.18 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 232582

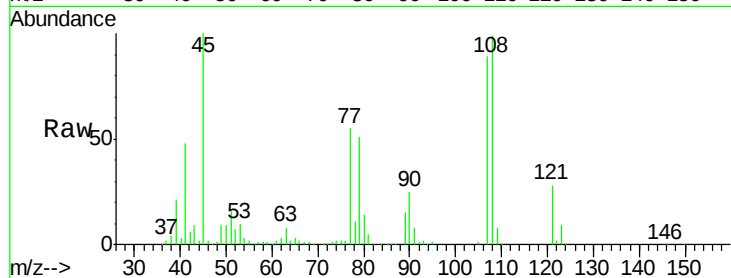
Ion Ratio Lower Upper

107 100

108 112.2 91.7 137.5

77 62.6 33.8 50.8#

79 57.5 33.8 50.8#

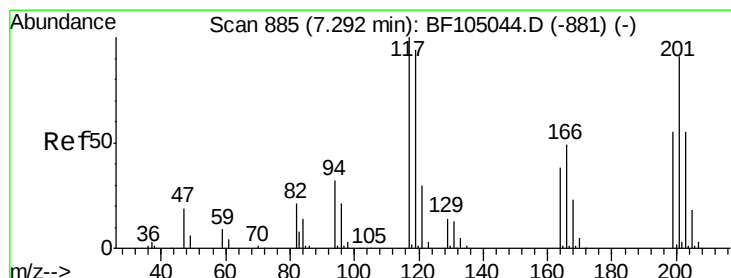
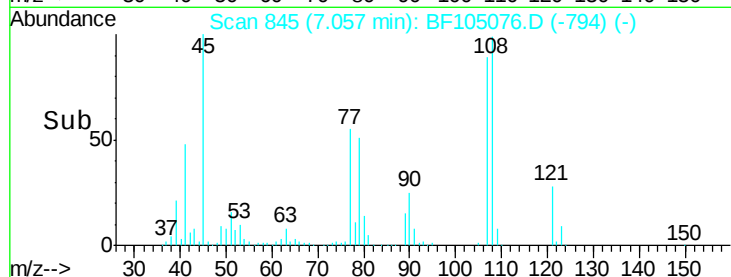
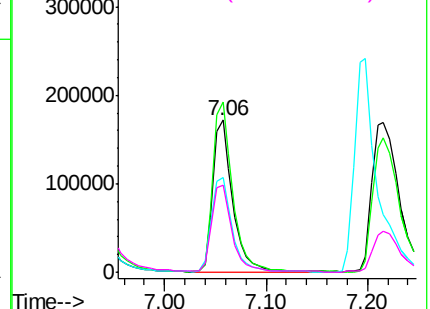


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 44.64 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.02 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

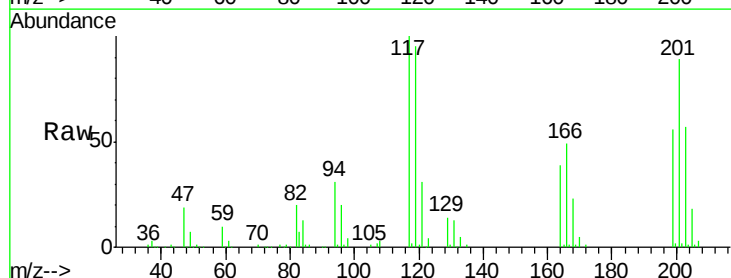
Tgt Ion:117 Resp: 108855

Ion Ratio Lower Upper

117 100

119 94.8 75.8 113.8

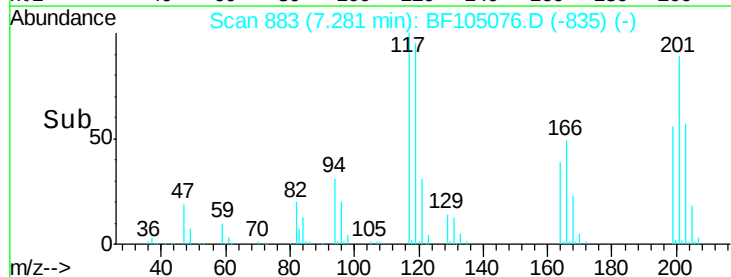
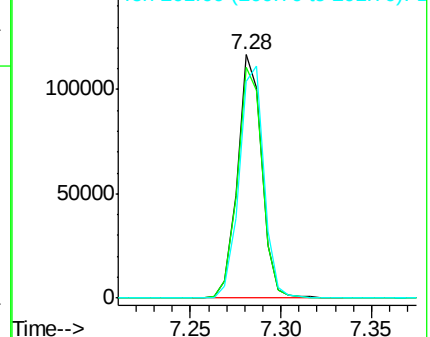
201 89.1 75.7 113.5

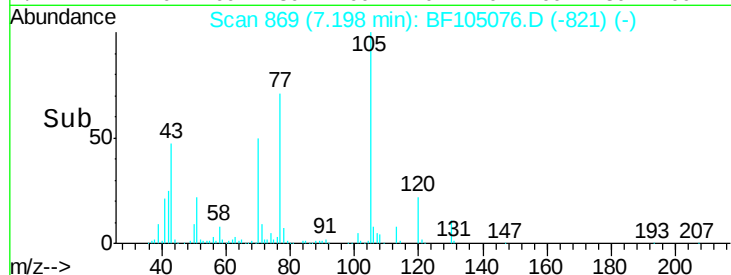
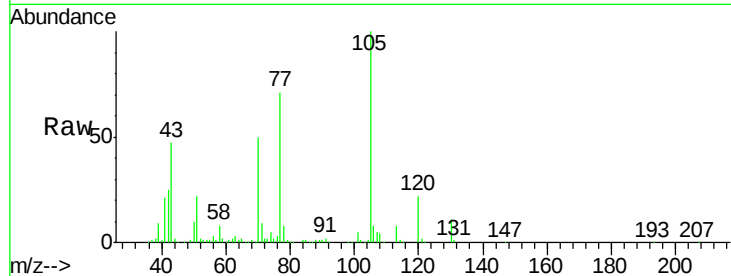
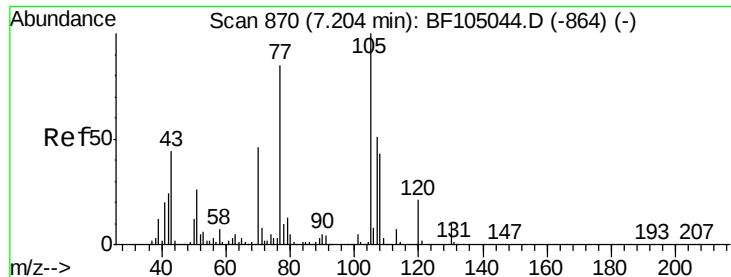


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

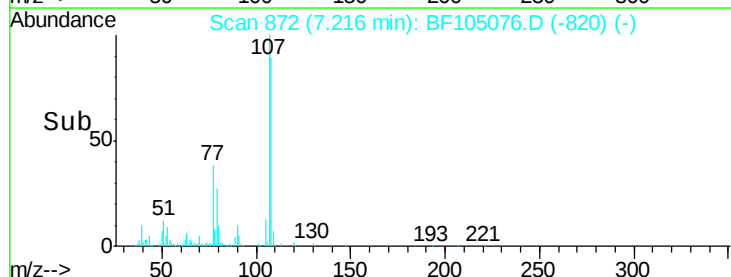
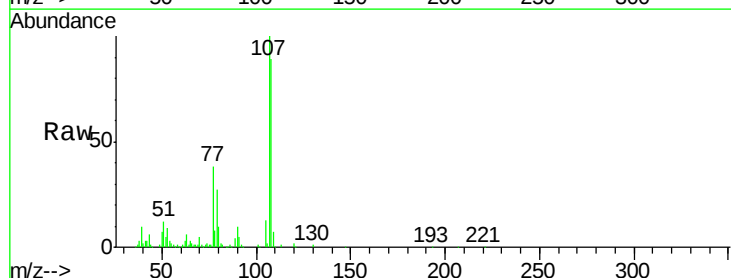
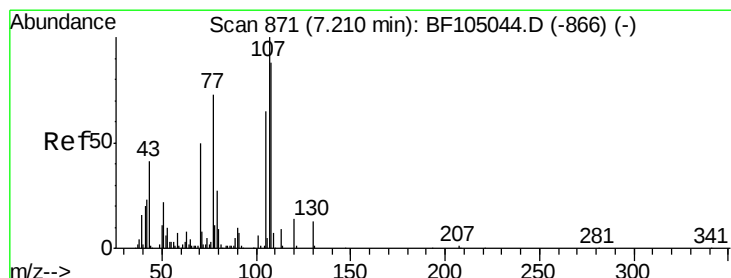
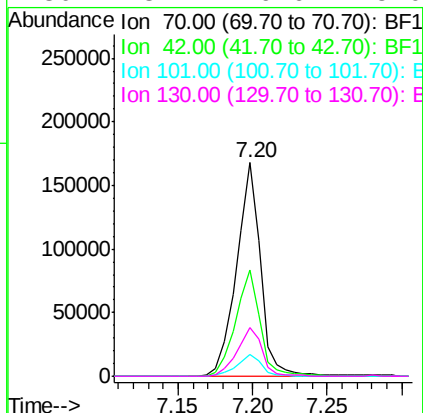




#19
n-Nitroso-di-n-propylamine
Concen: 40.92 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.02 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

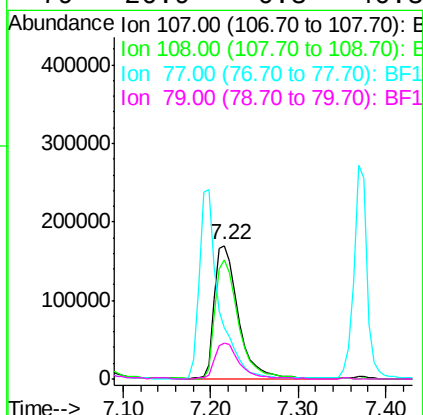
Instrument :
BNA_F
ClientSampleId :

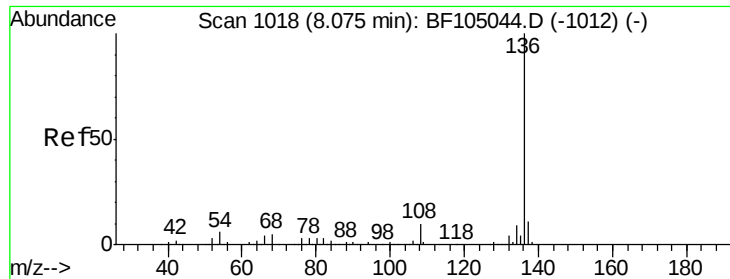
Tot Ion	70	Resp	188491
Ion Ratio	Lower	Upper	
70	100		
42	49.9	47.5	71.3
101	10.4	7.4	11.2
130	23.1	16.6	25.0



#20
3+4-Methylphenols
Concen: 49.34 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion	107	Resp	322129
Ion Ratio	Lower	Upper	
107	100		
108	89.4	68.2	108.2
77	38.0	26.7	66.7
79	26.9	6.3	46.3

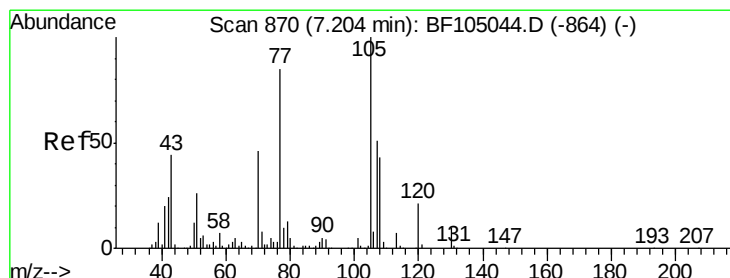
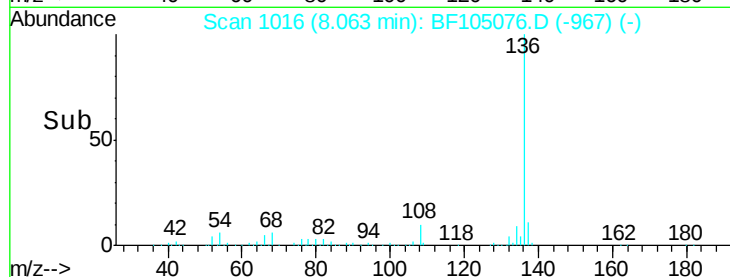
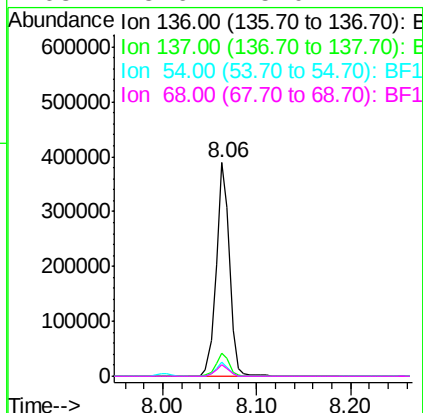
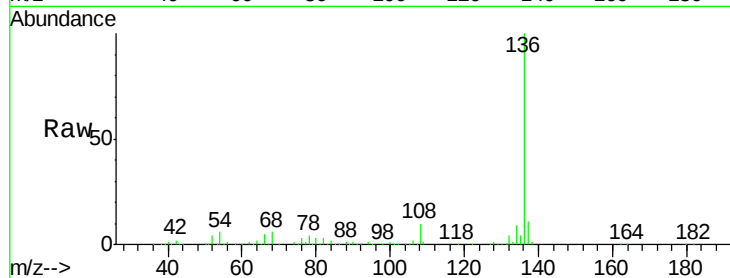




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 1016
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

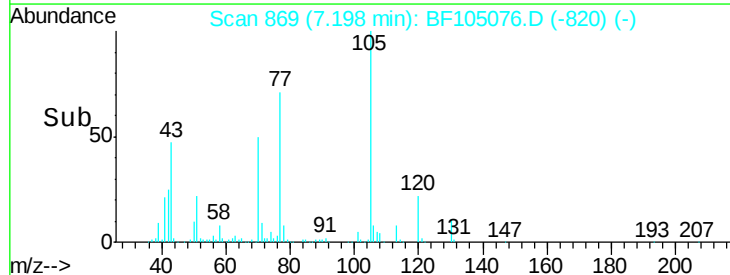
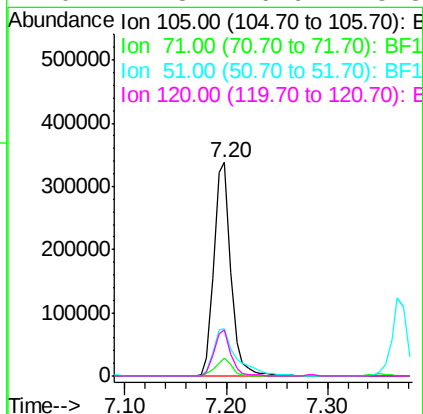
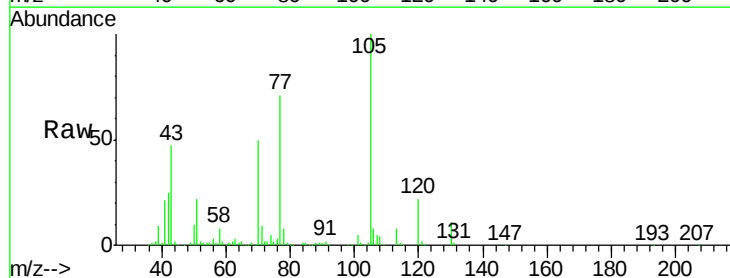
Instrument :
BNA_F
ClientSampleId :

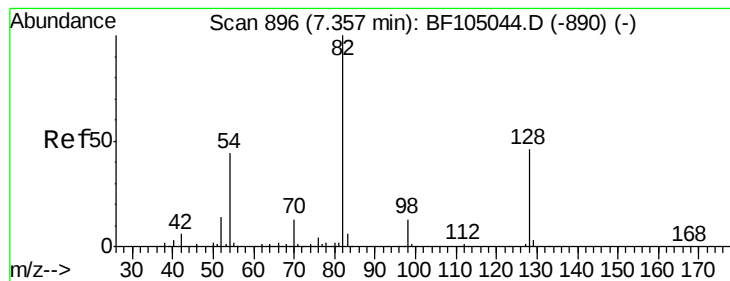
Tot Ion:136	Resp:	385164
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	6.3	6.6 9.8#
68	5.6	5.0 7.4



#22
Acetophenone
Concen: 41.87 ng
RT: 7.20 min Scan# 869
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion:105	Resp:	397072
Ion Ratio	Lower	Upper
105	100	
71	8.5	4.4 6.6#
51	22.0	22.3 33.5#
120	21.8	16.9 25.3





#23

Nitrobenzene-d5

Concen: 96.97 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.02 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

Instrument :

BNA_F

ClientSampleId :

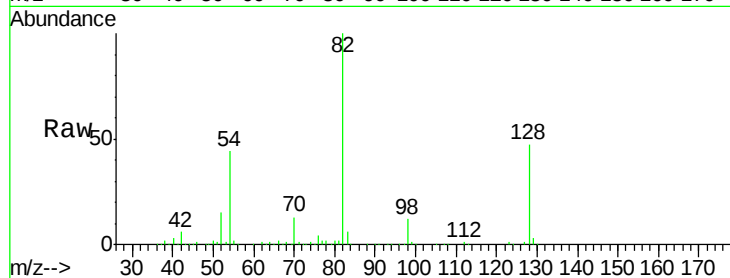
Tot Ion: 82 Resp: 572004

Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

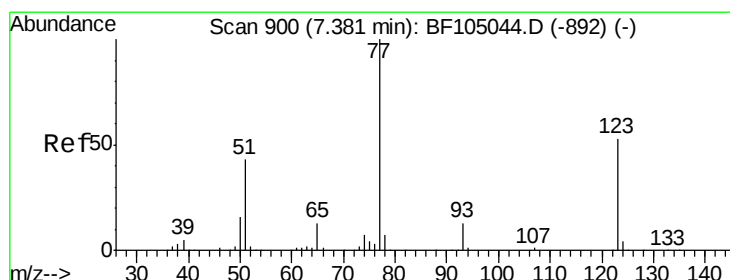
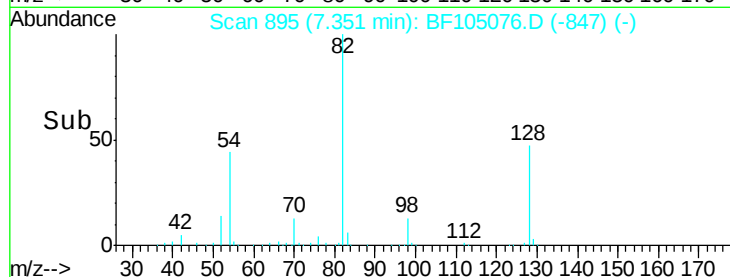
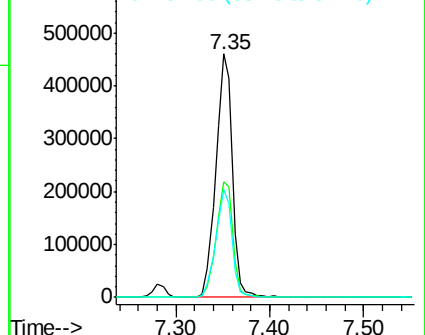
54 44.1 41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 44.23 ng

RT: 7.37 min Scan# 898

Delta R.T. -0.02 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

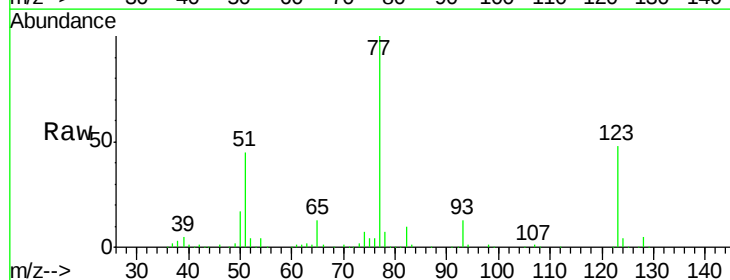
Tgt Ion: 77 Resp: 288060

Ion Ratio Lower Upper

77 100

123 48.2 37.9 56.9

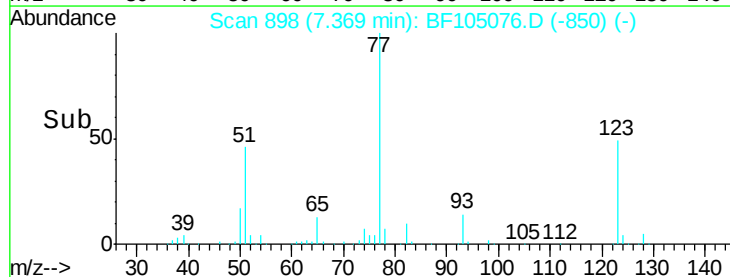
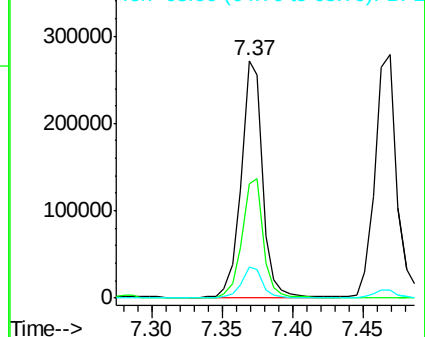
65 12.9 11.0 16.4

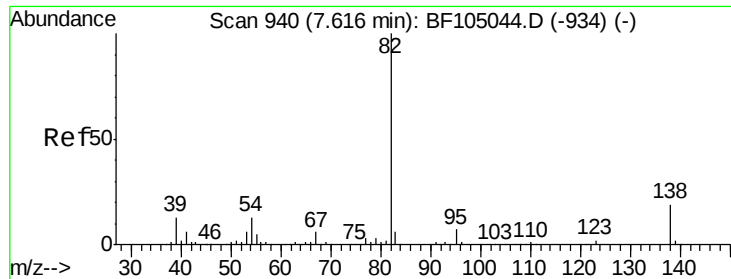


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 42.62 ng

RT: 7.61 min Scan# 939

Delta R.T. -0.01 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

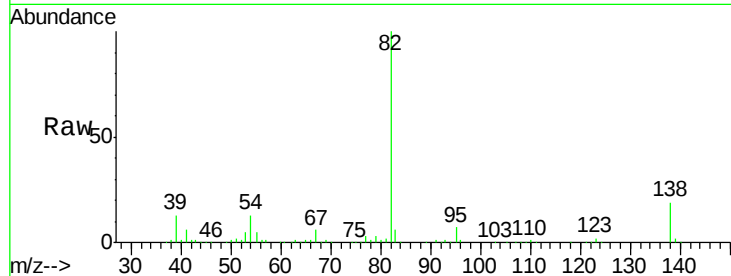
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 82 Resp: 531597

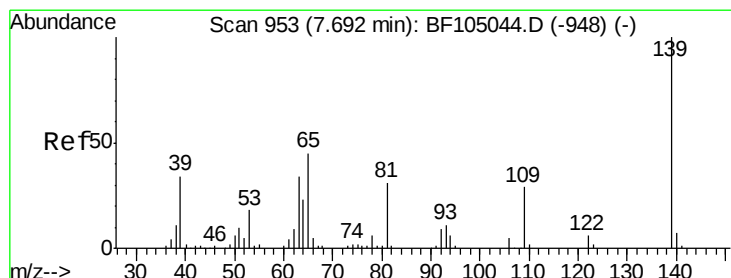
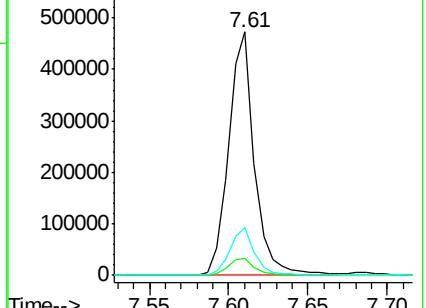
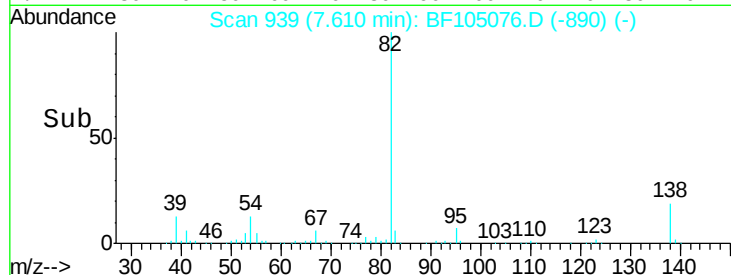
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.2	7.8
138	19.5	14.9	22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 62.14 ng

RT: 7.69 min Scan# 952

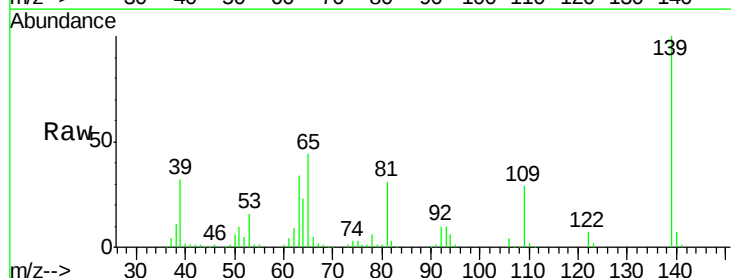
Delta R.T. -0.01 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

Tgt Ion: 139 Resp: 164749

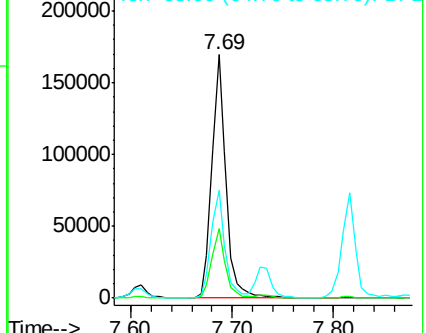
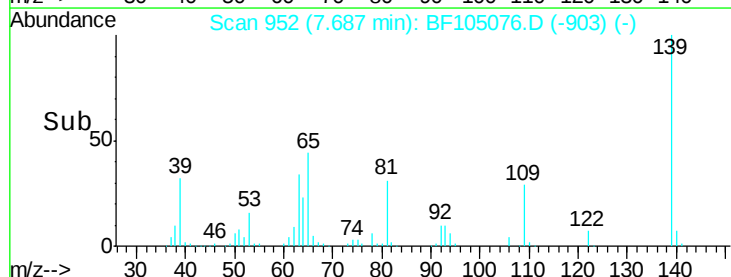
Ion	Ratio	Lower	Upper
139	100		
109	28.5	22.7	34.1
65	44.2	40.5	60.7

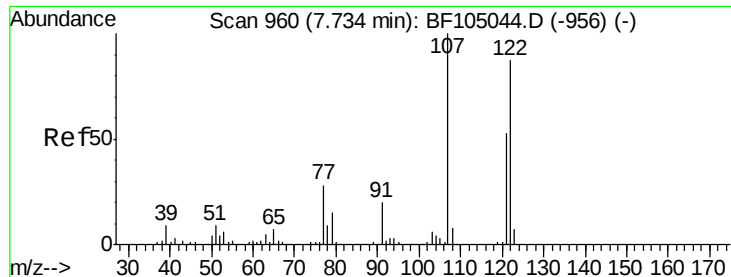


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

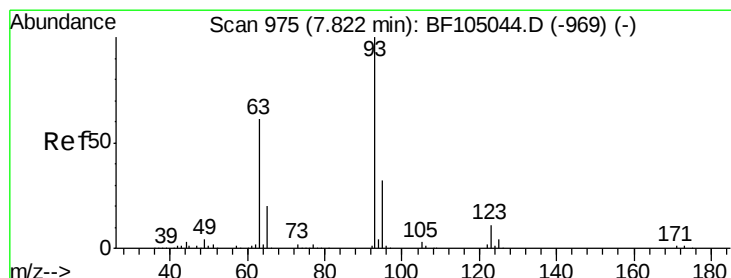
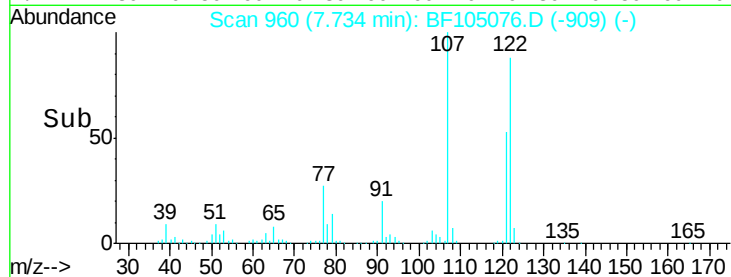
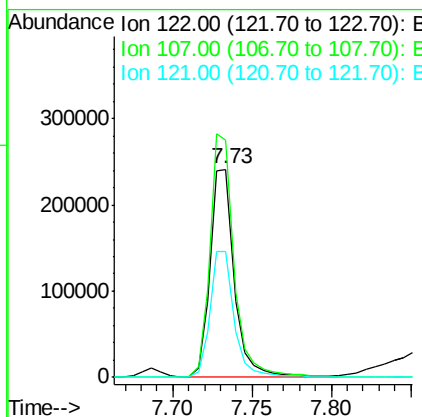
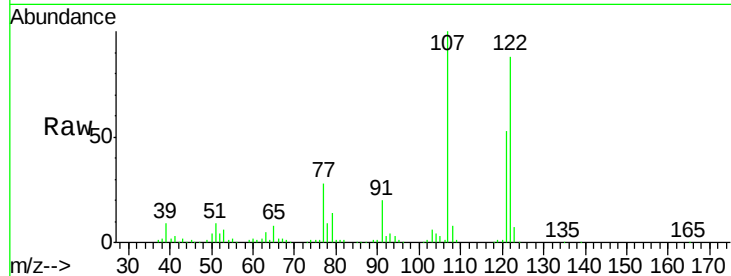




#27
 2,4-Dimethylphenol
 Concen: 46.78 ng
 RT: 7.73 min Scan# 960
 Delta R.T. 0.00 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

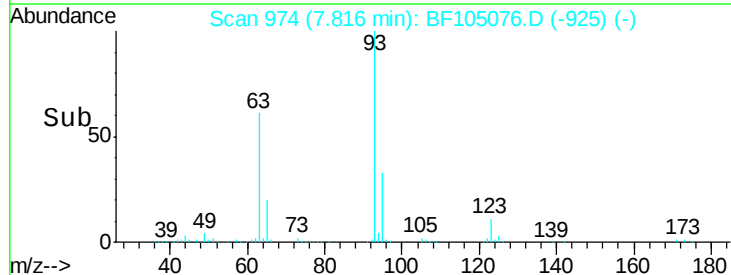
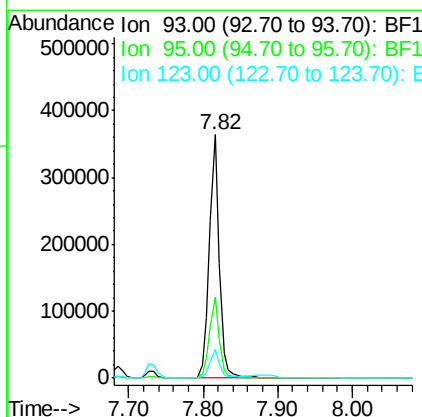
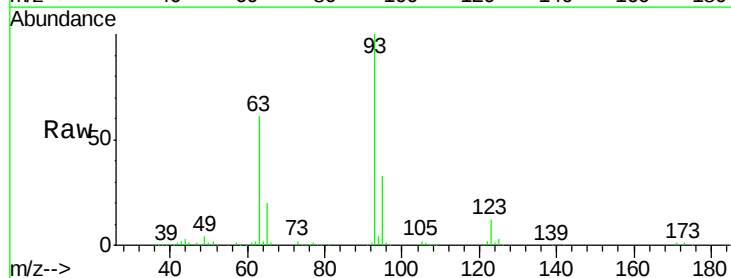
Instrument :
 BNA_F
 ClientSampleId :

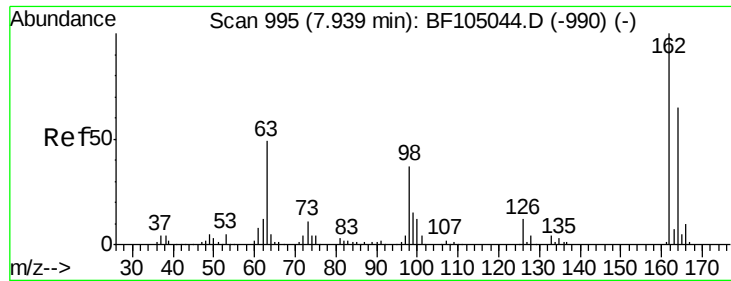
Tot Ion:122 Resp: 257530
 Ion Ratio Lower Upper
 122 100
 107 114.3 91.2 136.8
 121 60.4 47.2 70.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.79 ng
 RT: 7.82 min Scan# 974
 Delta R.T. -0.01 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

Tgt Ion: 93 Resp: 341557
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.3 39.5
 123 11.5 9.8 14.6

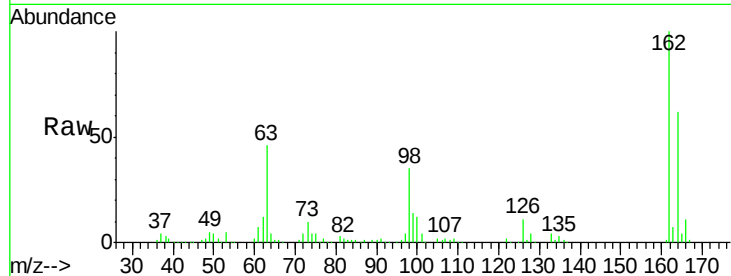




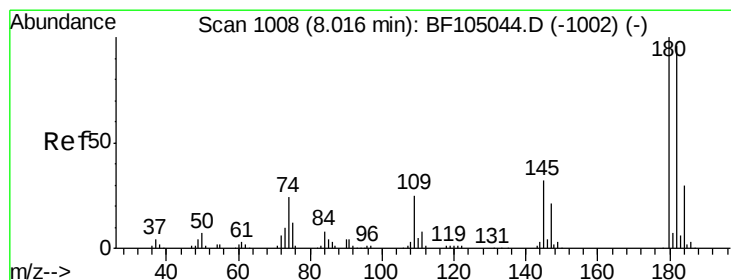
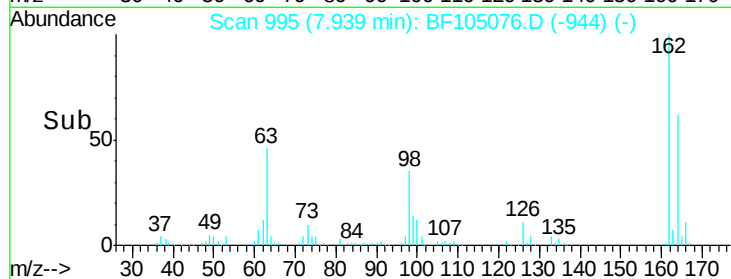
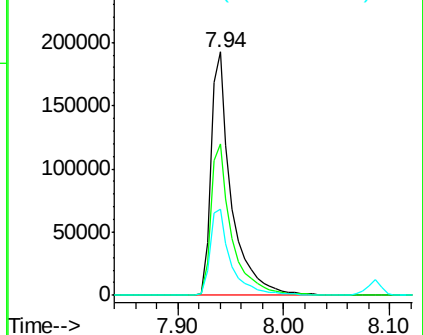
#29
 2,4-Dichlorophenol
 Concen: 49.20 ng
 RT: 7.94 min Scan# 995
 Delta R.T. 0.00 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.3	42.7	82.7
98	35.3	18.1	58.1

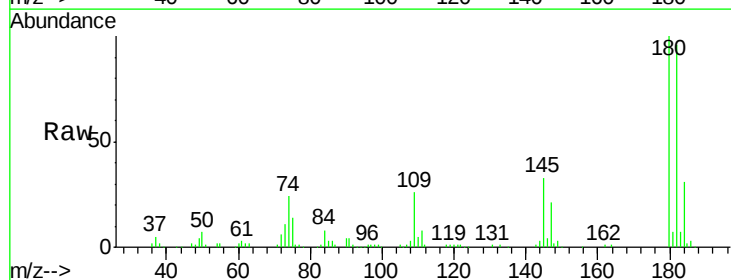


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

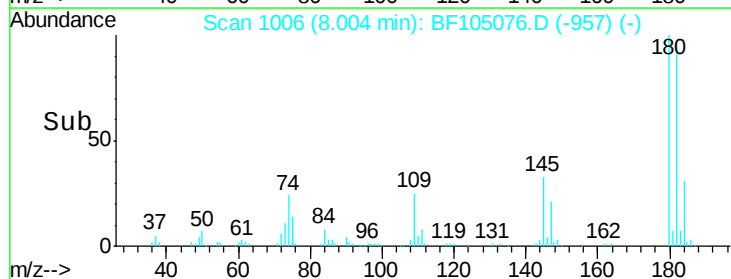
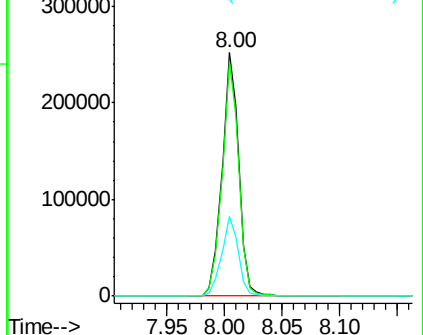


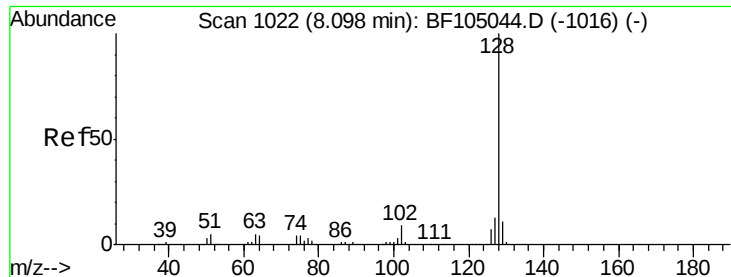
#30
 1,2,4-Trichlorobenzene
 Concen: 43.86 ng
 RT: 8.00 min Scan# 1006
 Delta R.T. -0.01 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.4	76.8	115.2
145	32.6	26.5	39.7



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

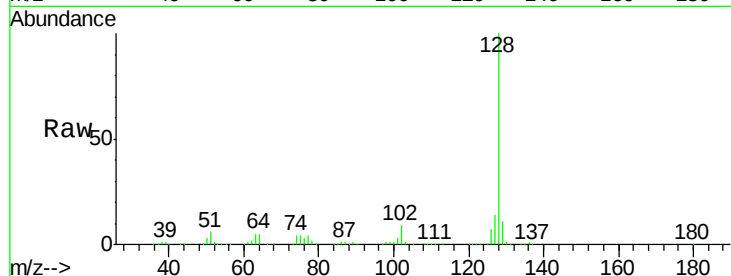




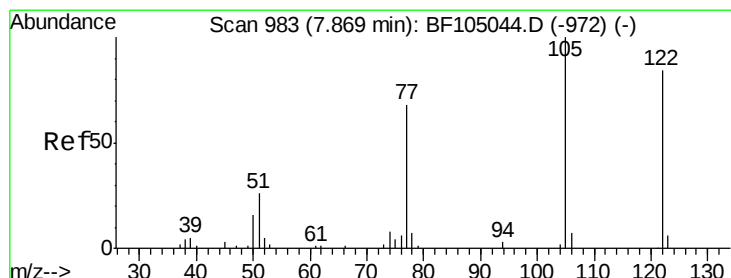
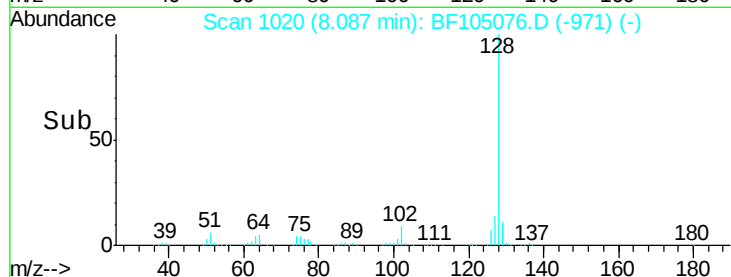
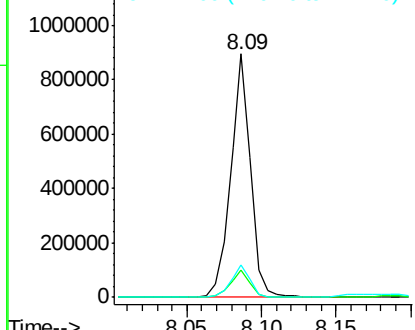
#31
Naphthalene
Concen: 43.81 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 840175
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.6 10.9 16.3

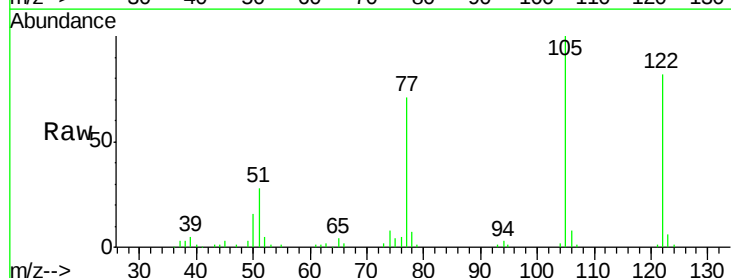


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

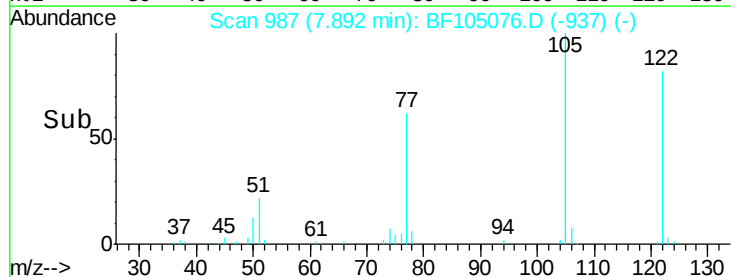
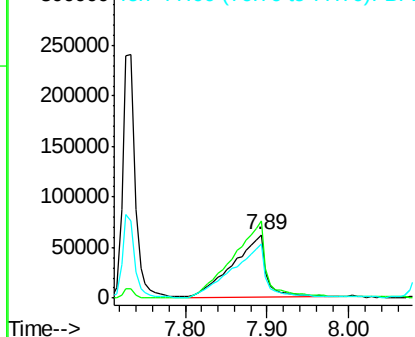


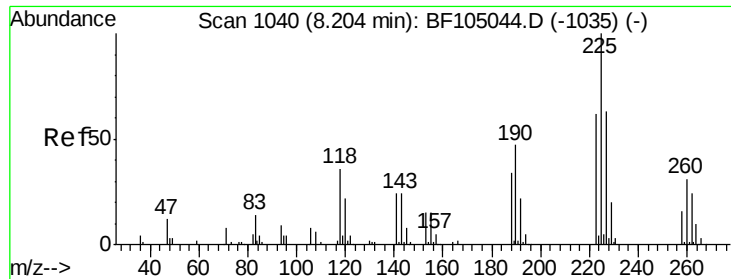
#32
Benzoic acid
Concen: 40.31 ng
RT: 7.89 min Scan# 987
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion:122 Resp: 177042
Ion Ratio Lower Upper
122 100
105 122.5 101.1 141.1
77 86.4 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

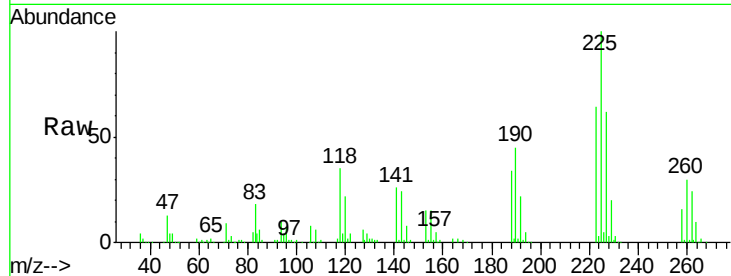




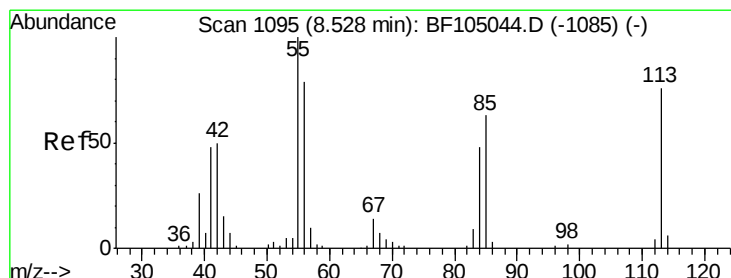
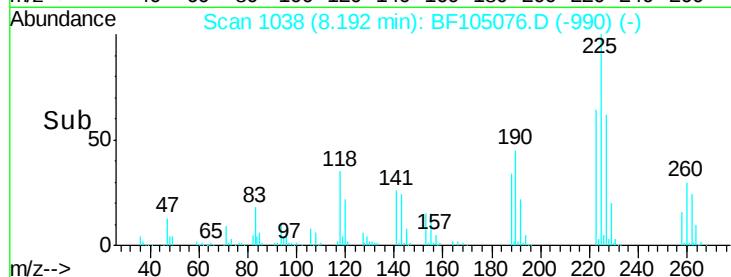
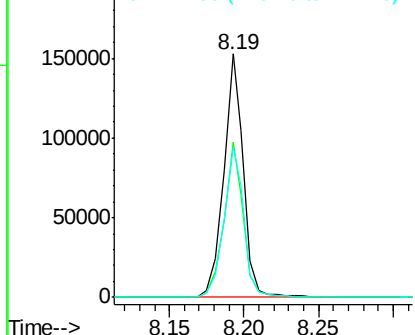
#34
Hexachlorobutadiene
Concen: 44.69 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.02 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:225 Resp: 141108
Ion Ratio Lower Upper
225 100
223 64.0 50.6 76.0
227 61.6 51.9 77.9

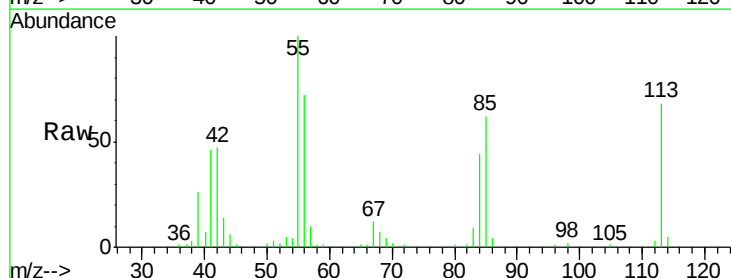


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

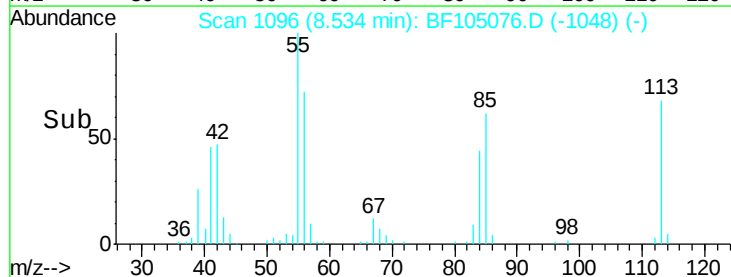
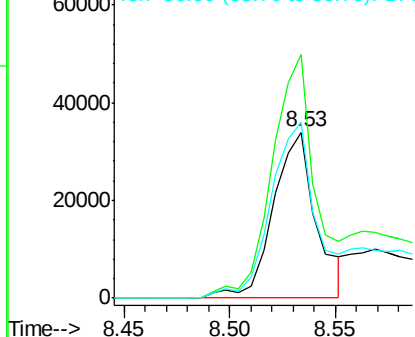


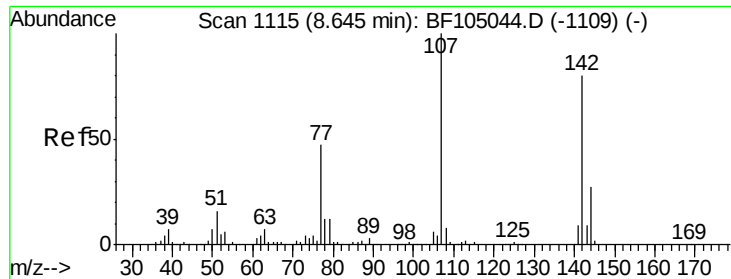
#35
Caprolactam
Concen: 26.31 ng
RT: 8.53 min Scan# 1096
Delta R.T. -0.02 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion:113 Resp: 48210
Ion Ratio Lower Upper
113 100
55 146.9 163.3 203.3#
56 106.4 115.7 155.7#



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

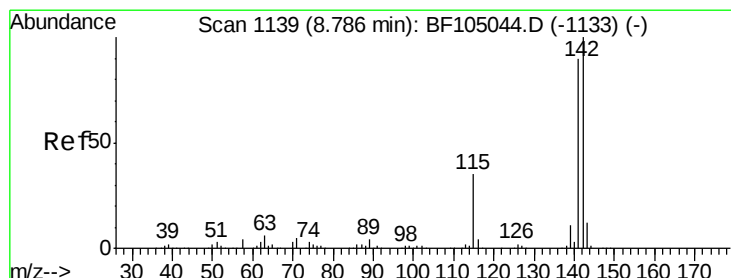
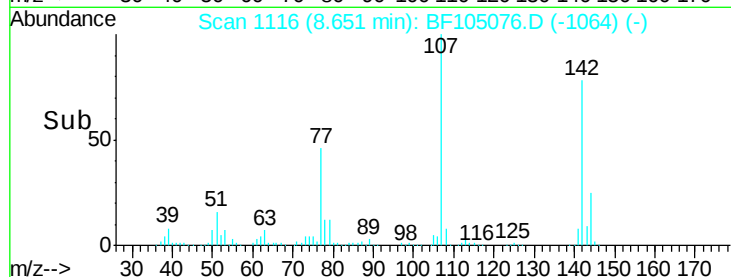
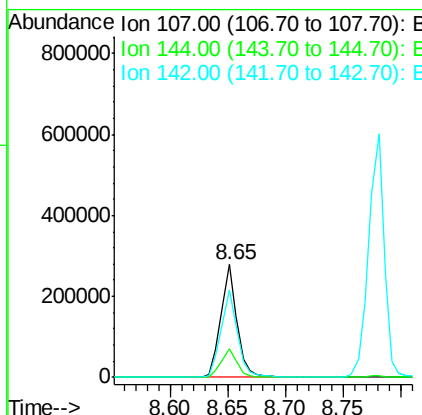
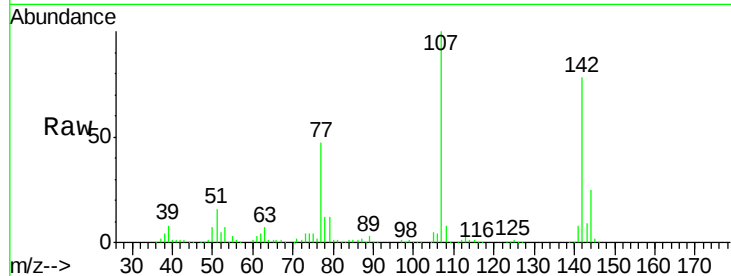




#36
4-Chloro-3-methylphenol
Concen: 49.02 ng
RT: 8.65 min Scan# 1116
Delta R.T. 0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

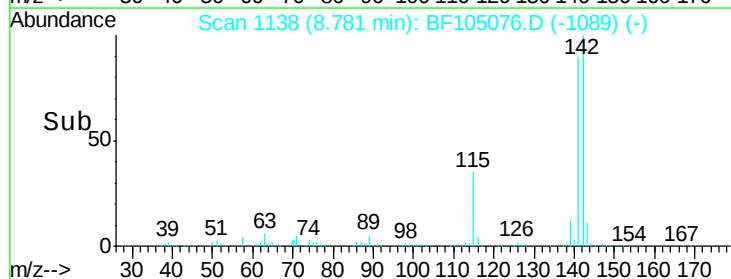
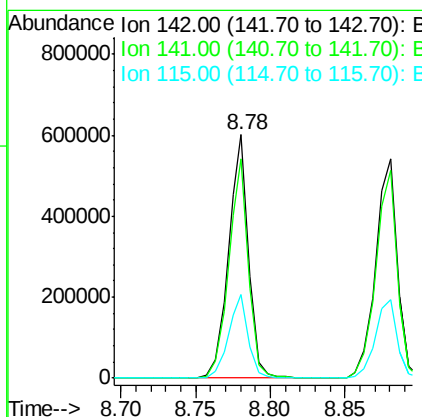
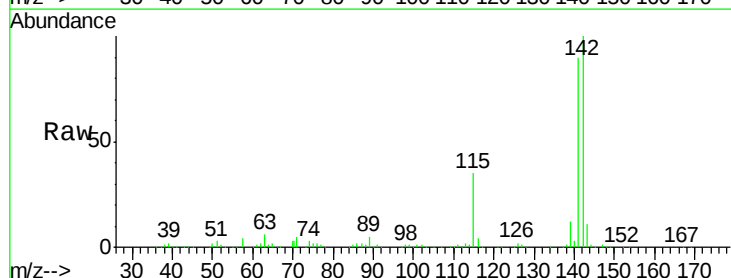
Instrument :
BNA_F
ClientSampled :

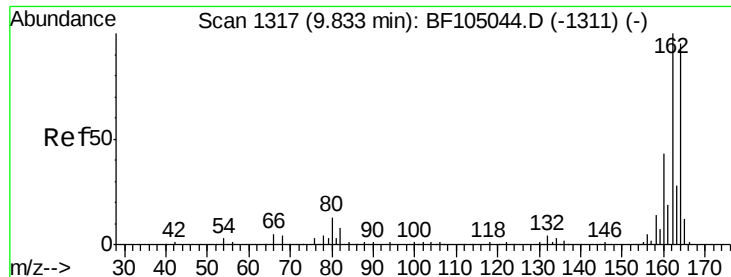
Tot Ion:107 Resp: 276078
Ion Ratio Lower Upper
107 100
144 25.2 20.5 30.7
142 77.8 62.0 93.0



#37
2-Methylnaphthalene
Concen: 45.84 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion:142 Resp: 568751
Ion Ratio Lower Upper
142 100
141 90.3 70.8 106.2
115 34.6 26.1 39.1

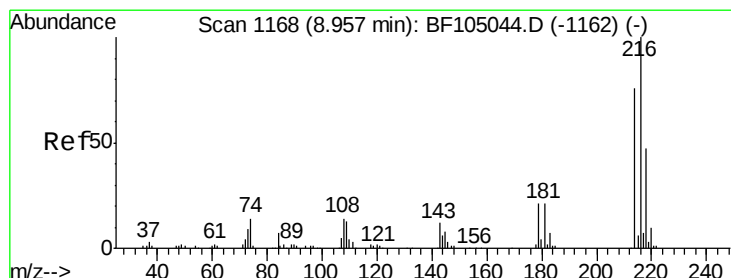
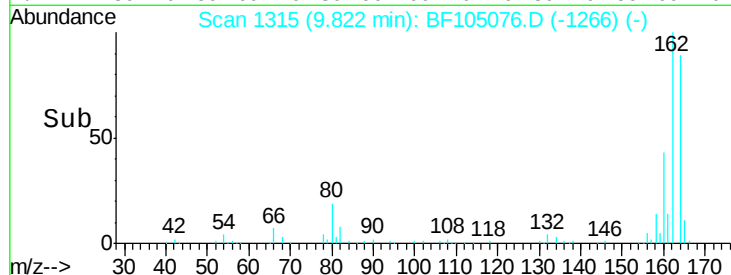
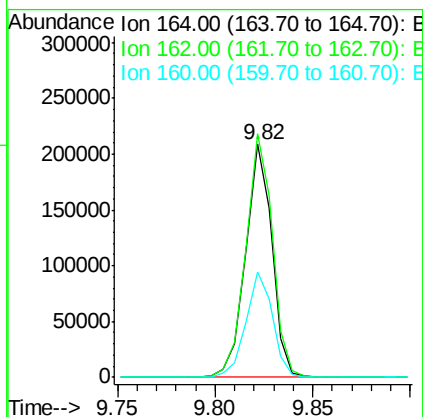
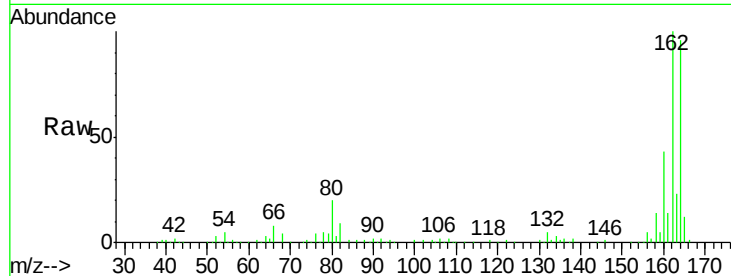




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

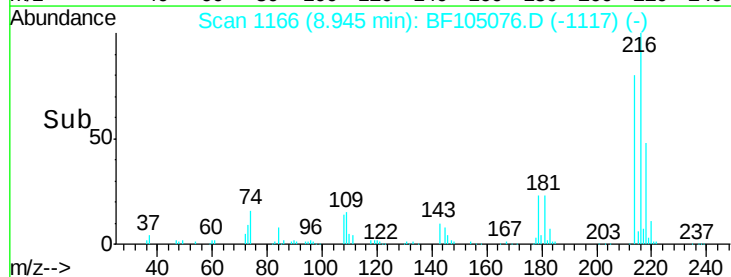
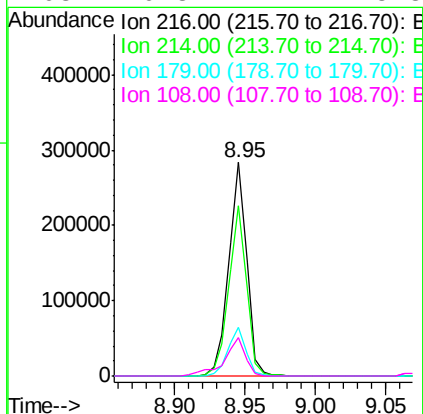
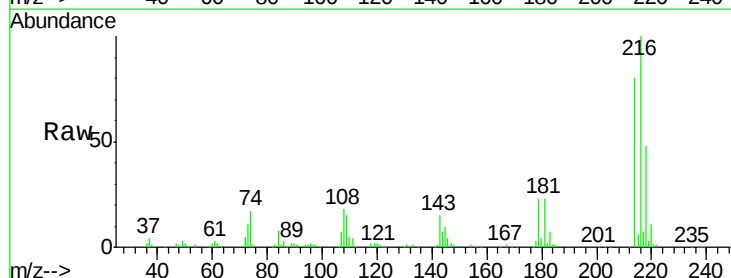
Instrument :
BNA_F
ClientSampleId :

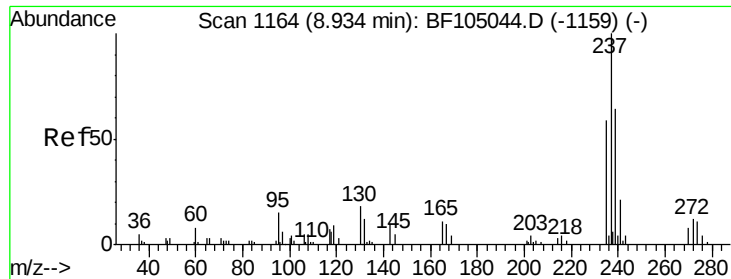
Tot Ion:164 Resp: 194999
Ion Ratio Lower Upper
164 100
162 104.6 86.1 129.1
160 45.3 38.3 57.5



#39
1,2,4,5-Tetrachlorobenzene
Concen: 45.12 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion:216 Resp: 251855
Ion Ratio Lower Upper
216 100
214 78.8 63.0 94.4
179 22.7 18.1 27.1
108 20.8 17.2 25.8

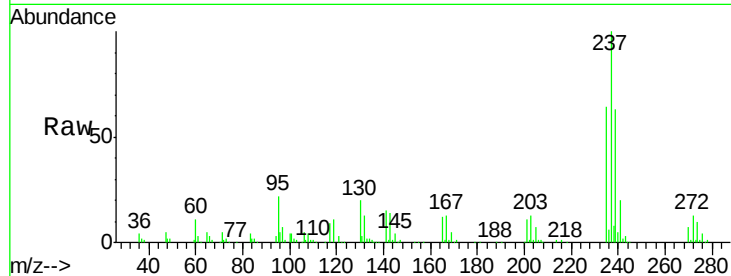




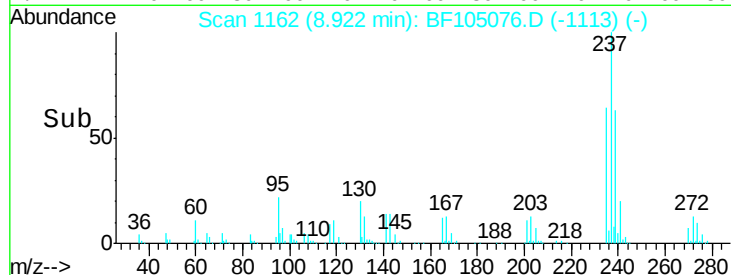
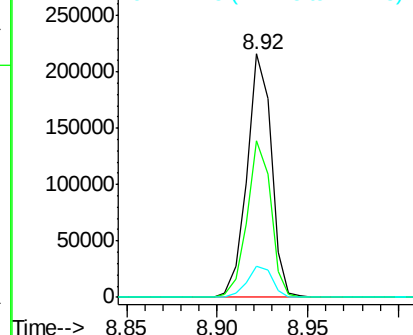
#40
Hexachlorocyclopentadiene
Concen: 64.44 ng
RT: 8.92 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 201366
Ion Ratio Lower Upper
237 100
235 64.1 44.8 84.8
272 12.8 0.0 33.3

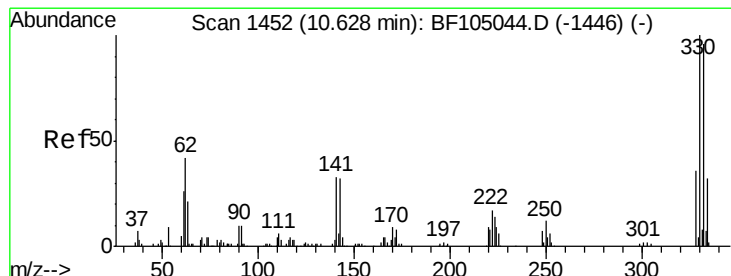


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

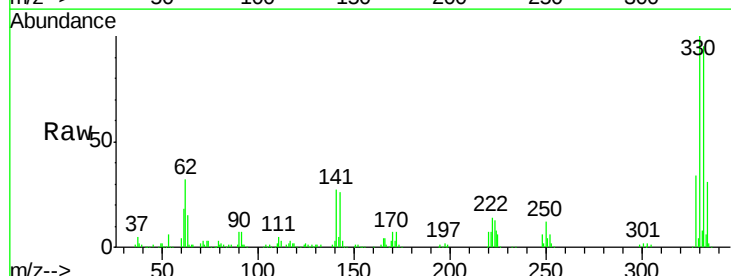
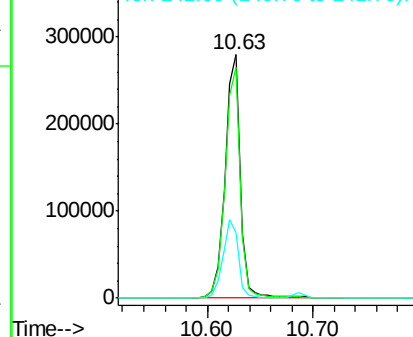


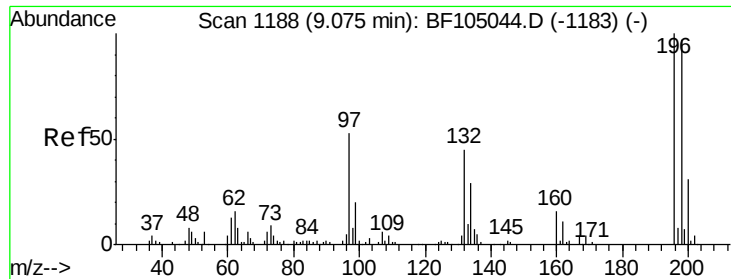
#41
2,4,6-Tribromophenol
Concen: 140.94 ng
RT: 10.63 min Scan# 1452
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion:330 Resp: 285096
Ion Ratio Lower Upper
330 100
332 94.9 77.0 115.6
141 33.0 29.9 44.9



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

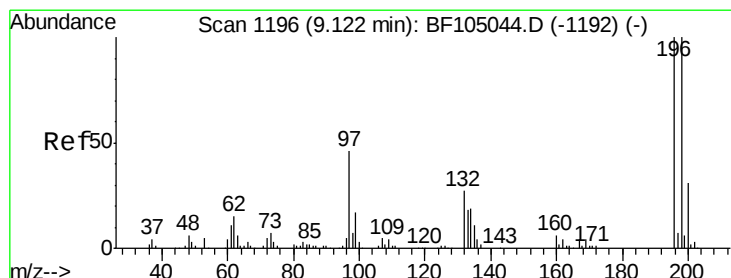
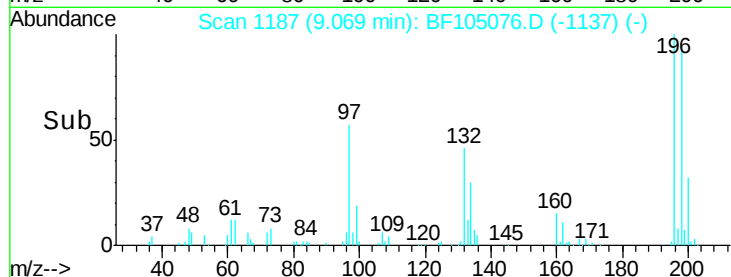
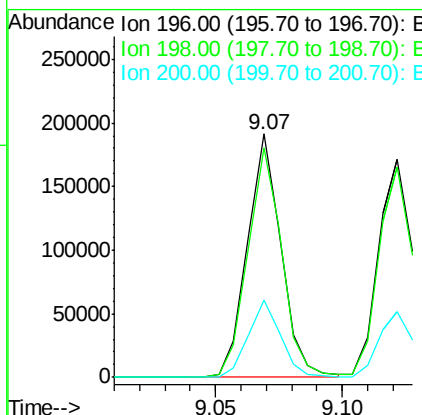
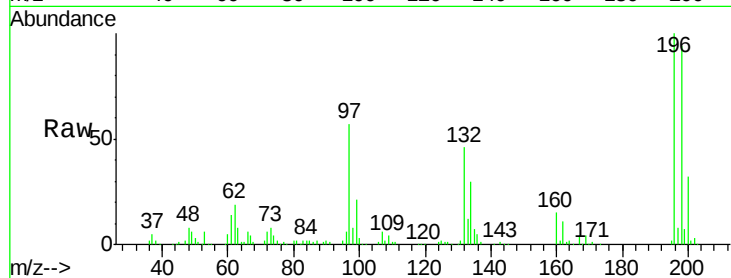




#42
 2,4,6-Trichlorophenol
 Concen: 45.85 ng
 RT: 9.07 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

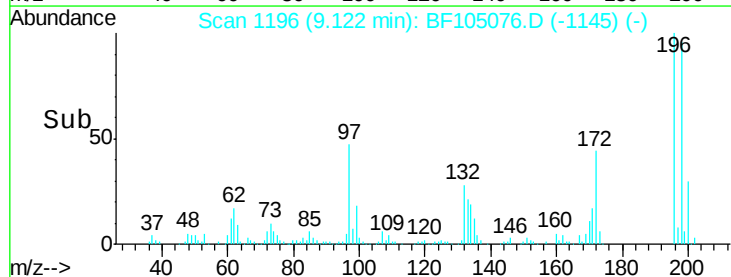
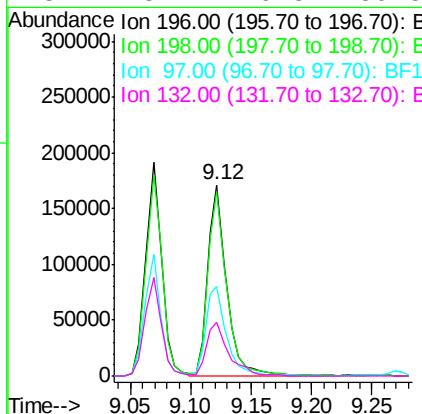
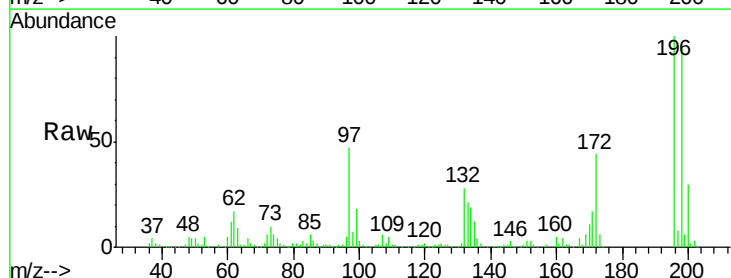
Instrument :
 BNA_F
 ClientSampled :

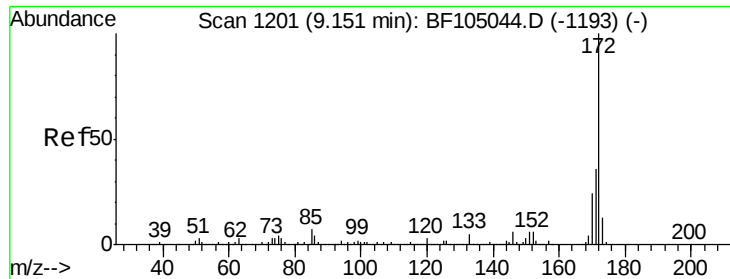
Tot Ion:196 Resp: 177650
 Ion Ratio Lower Upper
 196 100
 198 94.3 75.7 113.5
 200 31.7 24.5 36.7



#43
 2,4,5-Trichlorophenol
 Concen: 42.37 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.00 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

Tgt Ion:196 Resp: 183723
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.6 112.0
 97 46.8 42.9 64.3
 132 28.4 26.3 39.5

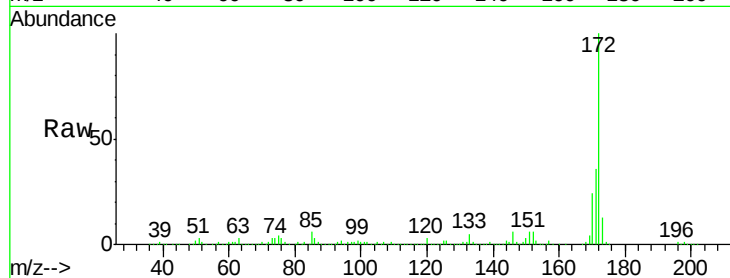




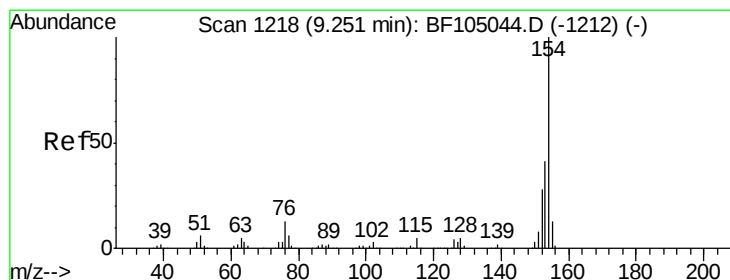
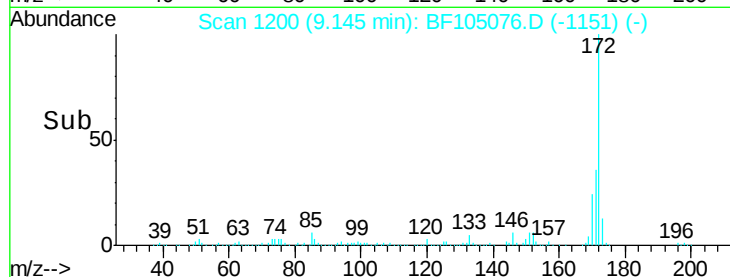
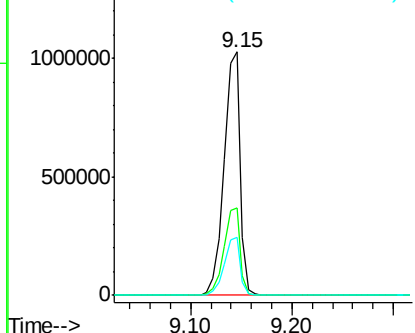
#44
 2-Fluorobiphenyl
 Concen: 91.55 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1130036
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.7 44.5
 170 24.0 19.6 29.4

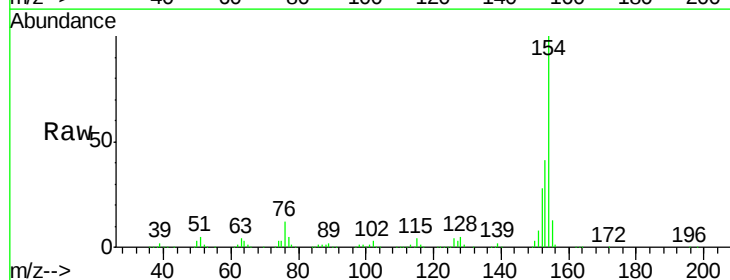


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

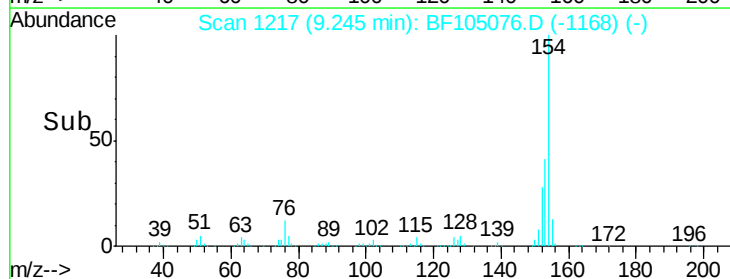
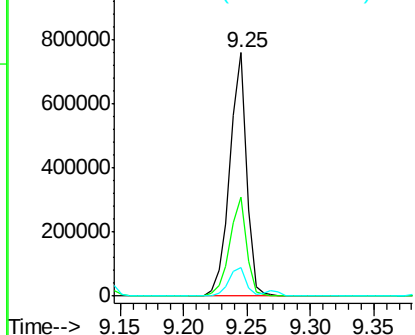


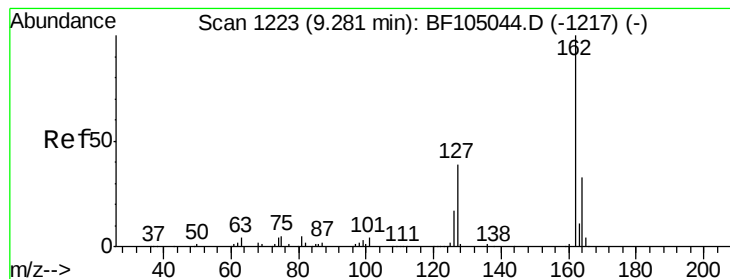
#45
 1,1'-Biphenyl
 Concen: 42.49 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. -0.01 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

Tgt Ion:154 Resp: 695965
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.3 61.3
 76 11.9 0.0 34.0



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): BF1





#46

2-Chloronaphthalene

Concen: 42.79 ng

RT: 9.27 min Scan# 1221

Delta R.T. -0.01 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

Instrument :

BNA_F

ClientSampleId :

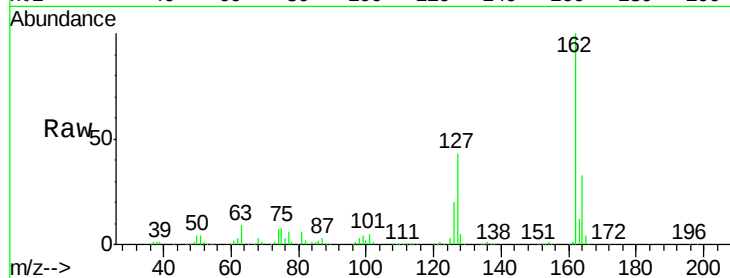
Tot Ion: 162 Resp: 553671

Ion Ratio Lower Upper

162 100

127 43.4 33.9 50.9

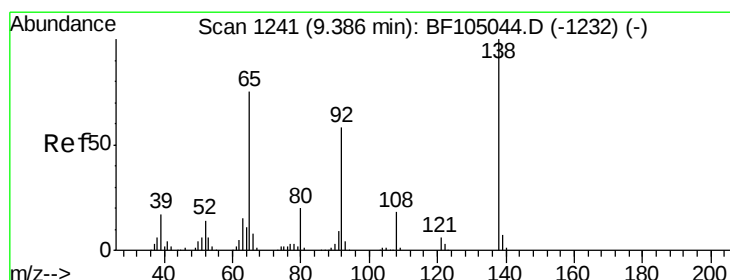
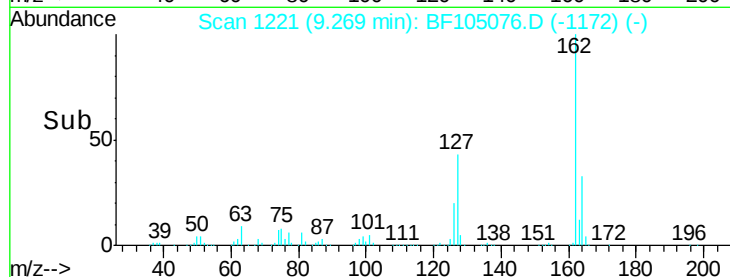
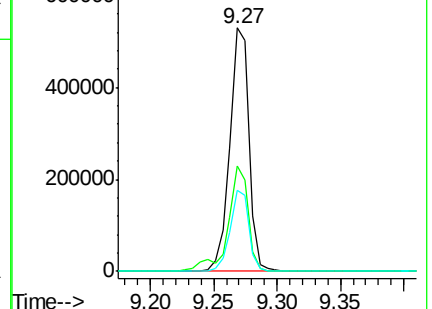
164 33.3 26.5 39.7



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#47

2-Nitroaniline

Concen: 48.59 ng

RT: 9.38 min Scan# 1240

Delta R.T. -0.01 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

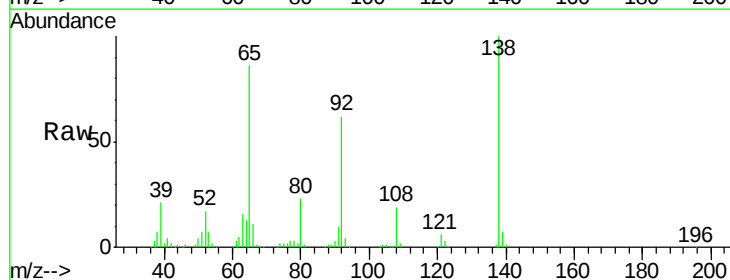
Tgt Ion: 65 Resp: 155467

Ion Ratio Lower Upper

65 100

92 72.3 55.8 83.6

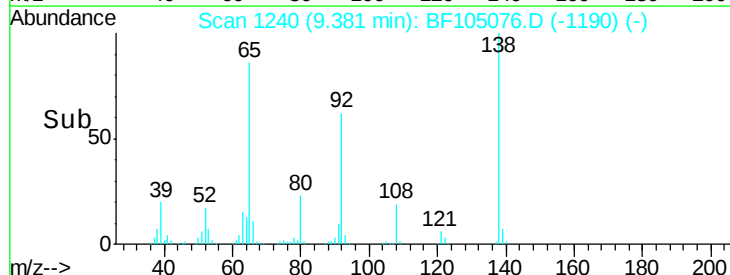
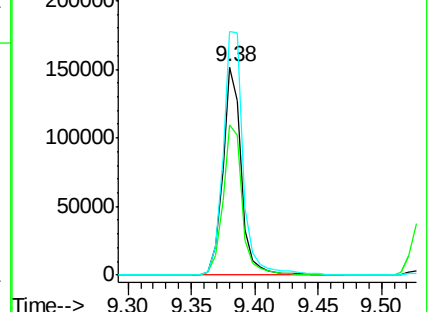
138 116.9 91.2 136.8

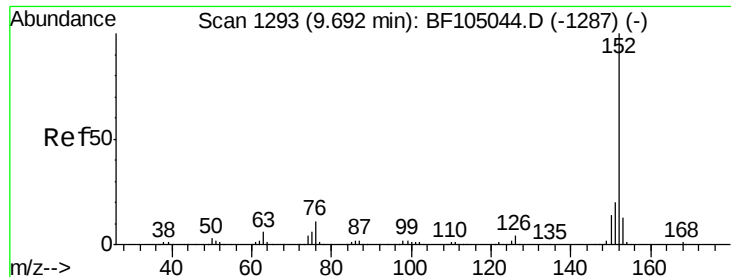


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#48

Acenaphthylene

Concen: 39.95 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

Instrument :

BNA_F

ClientSampled :

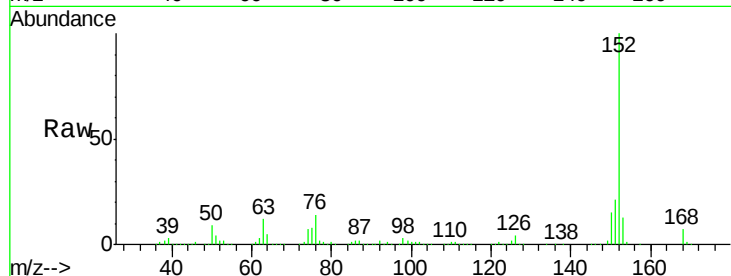
Tot Ion:152 Resp: 811106

Ion Ratio Lower Upper

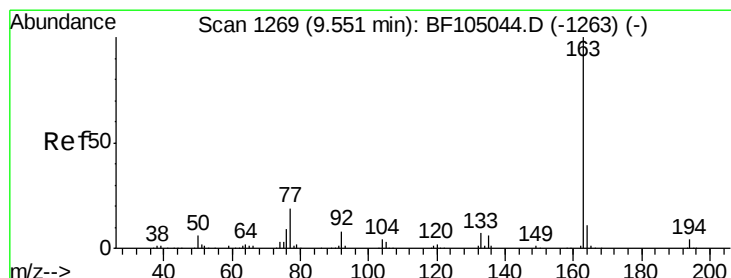
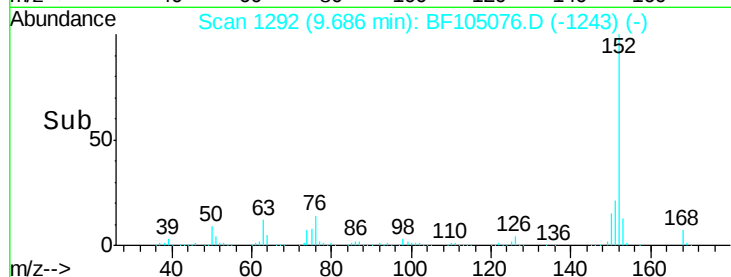
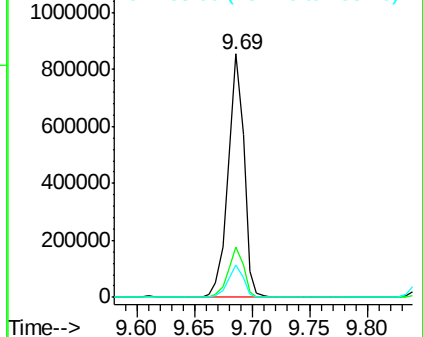
152 100

151 20.6 16.3 24.5

153 13.2 10.7 16.1



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: 44.58 ng

RT: 9.55 min Scan# 1268

Delta R.T. -0.01 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

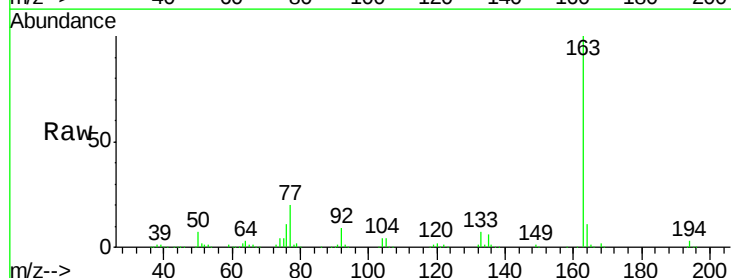
Tgt Ion:163 Resp: 685442

Ion Ratio Lower Upper

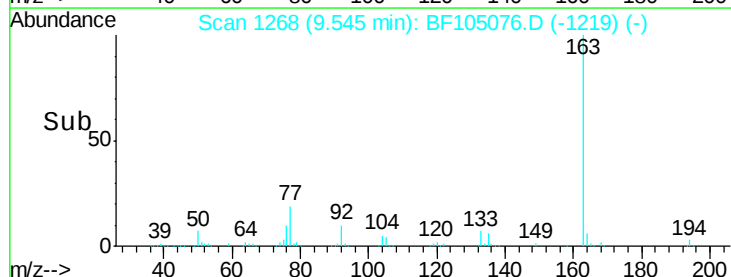
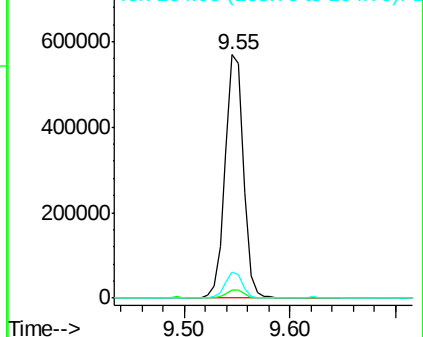
163 100

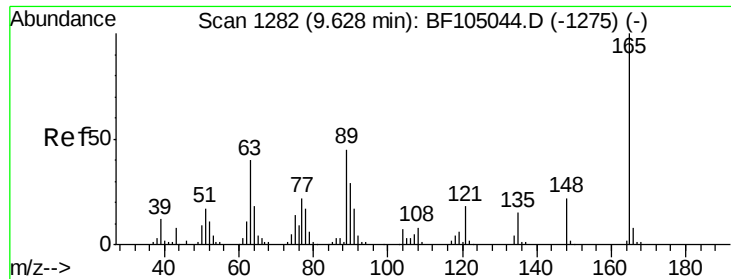
194 3.2 2.7 4.1

164 10.7 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

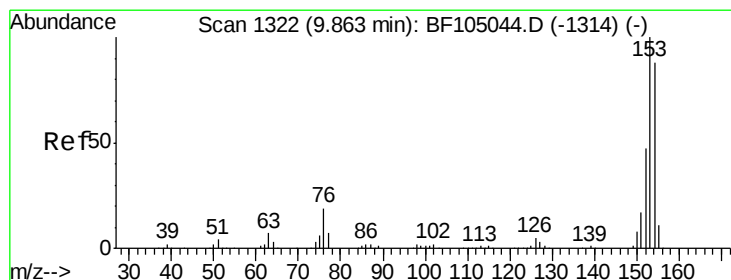
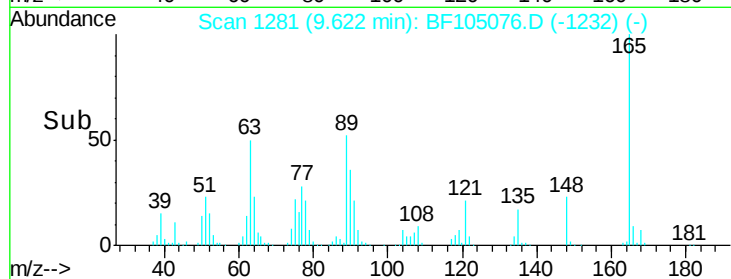
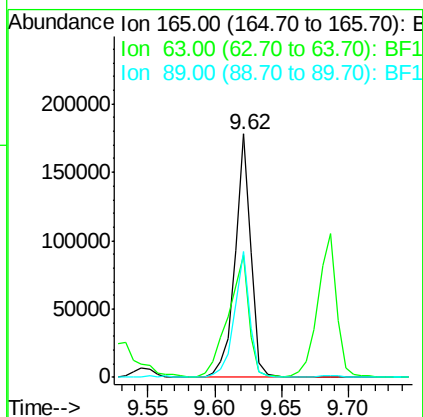
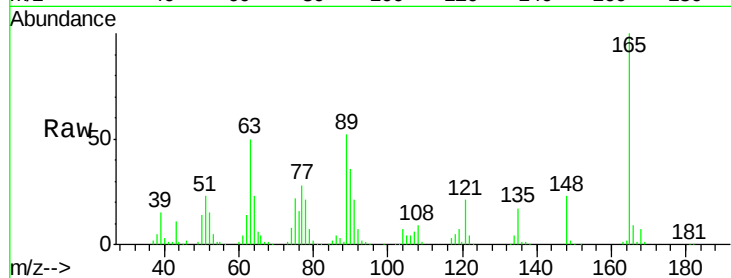




#50
 2,6-Dinitrotoluene
 Concen: 52.56 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.01 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

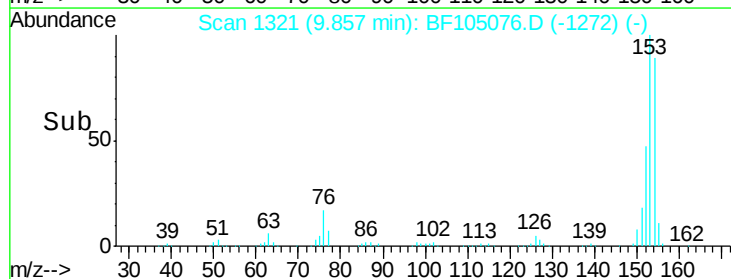
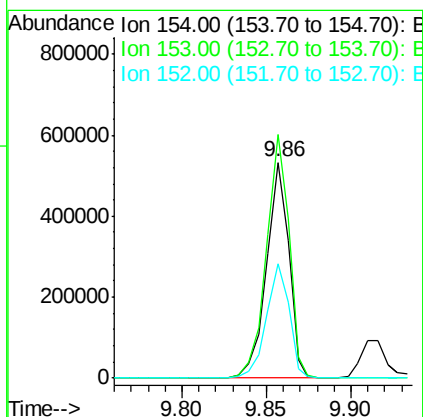
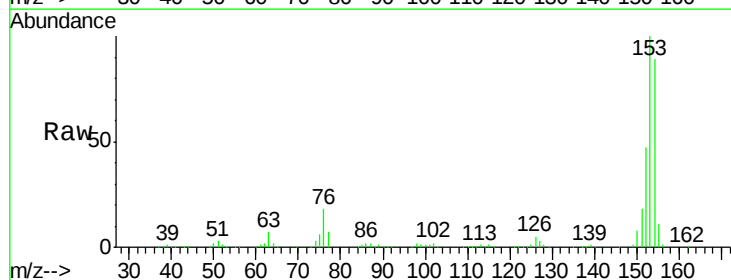
Instrument :
 BNA_F
 ClientSampled :

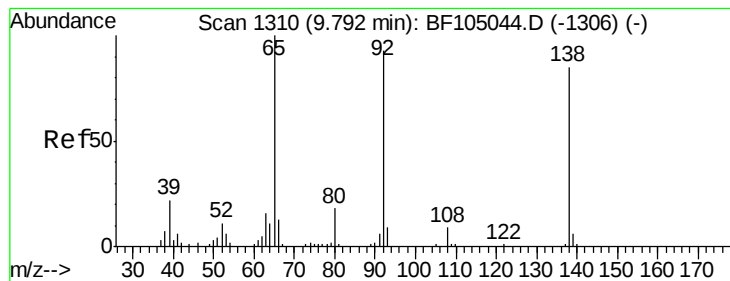
Tot Ion:165 Resp: 149539
 Ion Ratio Lower Upper
 165 100
 63 50.4 44.7 67.1
 89 51.8 44.0 66.0



#51
 Acenaphthene
 Concen: 39.56 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

Tgt Ion:154 Resp: 490054
 Ion Ratio Lower Upper
 154 100
 153 112.7 91.2 136.8
 152 52.8 43.8 65.8





#52

3-Nitroaniline

Concen: 15.09 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.01 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

Instrument :

BNA_F

ClientSampleId :

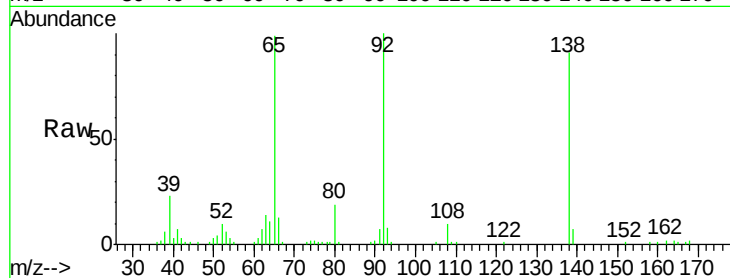
Tot Ion:138 Resp: 50262

Ion Ratio Lower Upper

138 100

108 11.2 9.4 14.0

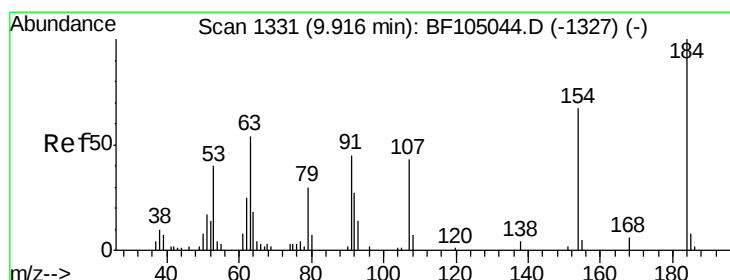
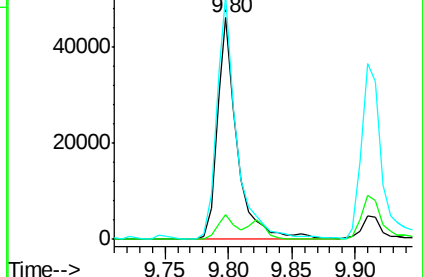
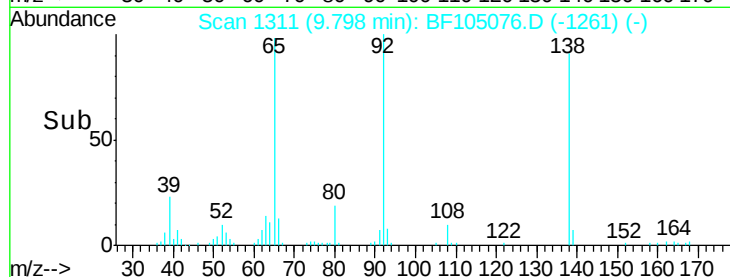
92 110.0 89.4 134.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#53

2,4-Dinitrophenol

Concen: 113.31 ng

RT: 9.92 min Scan# 1331

Delta R.T. 0.00 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

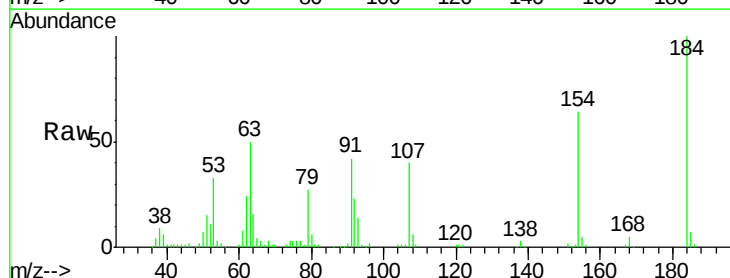
Tgt Ion:184 Resp: 159579

Ion Ratio Lower Upper

184 100

63 49.9 54.2 81.2#

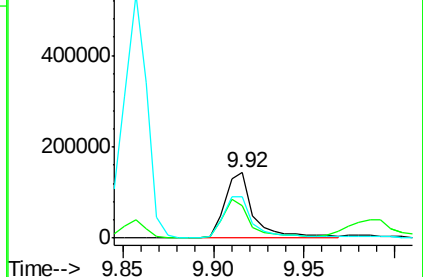
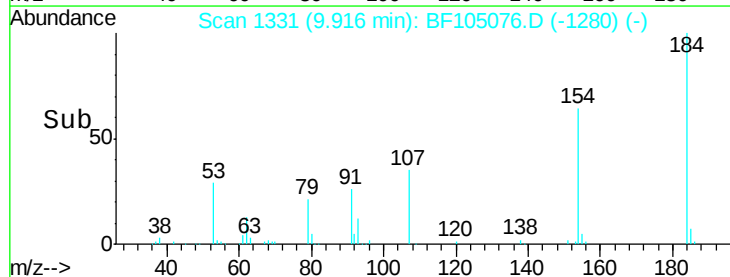
154 64.0 184.0 276.0#

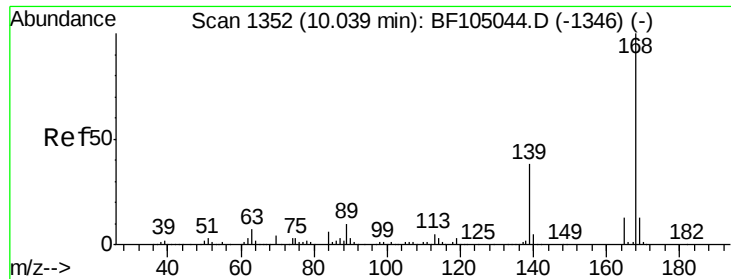


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

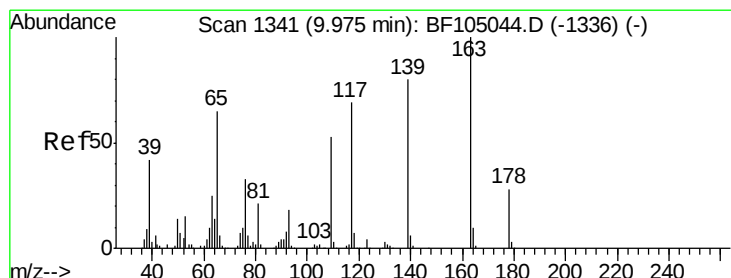
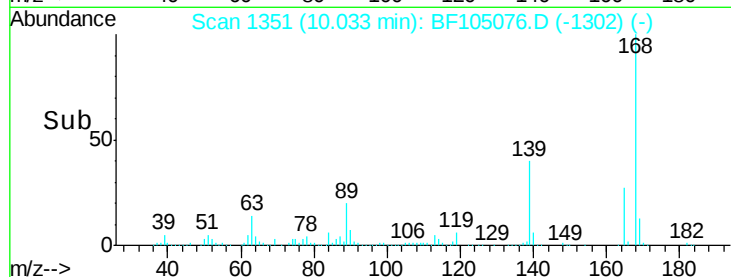
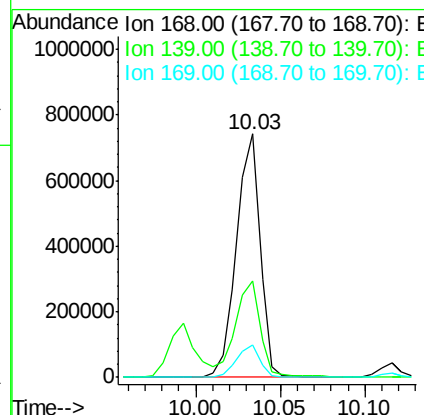
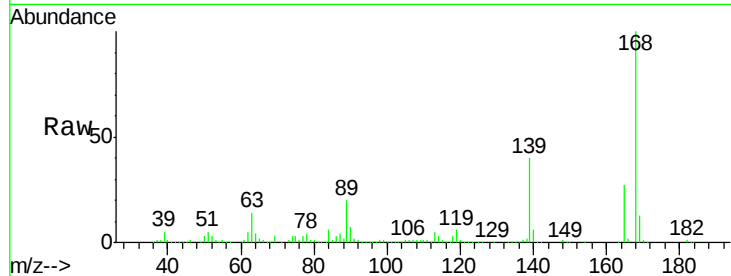




#54
Dibenzenofuran
Concen: 41.79 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

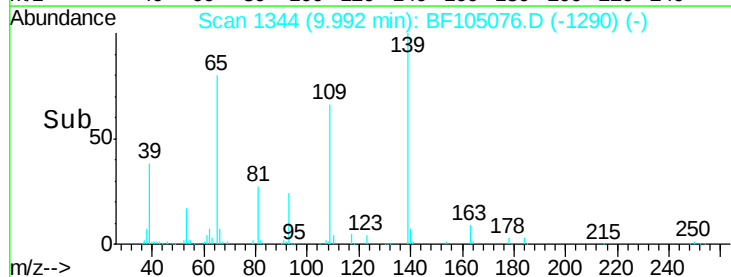
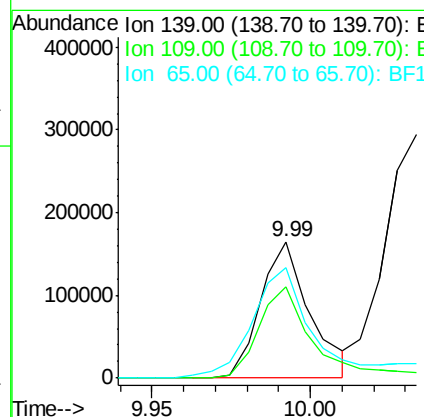
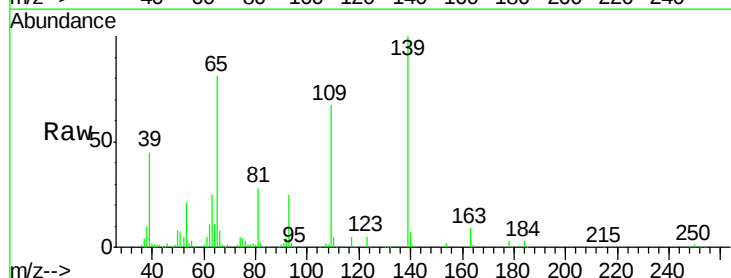
Instrument :
BNA_F
ClientSampled :

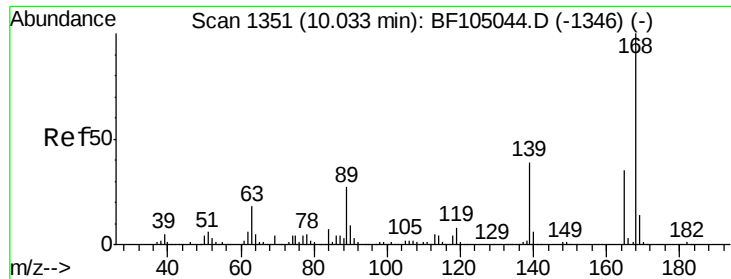
Tot Ion:168 Resp: 721438
Ion Ratio Lower Upper
168 100
139 39.6 30.1 45.1
169 13.1 10.9 16.3



#55
4-Nitrophenol
Concen: 68.24 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.02 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion:139 Resp: 178574
Ion Ratio Lower Upper
139 100
109 66.7 48.4 88.4
65 80.7 72.6 112.6

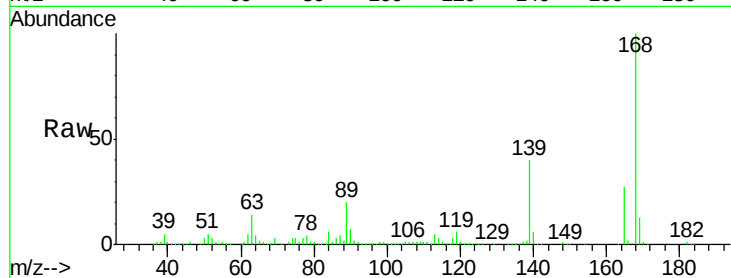




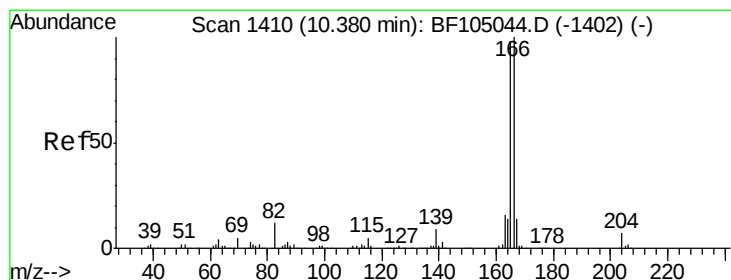
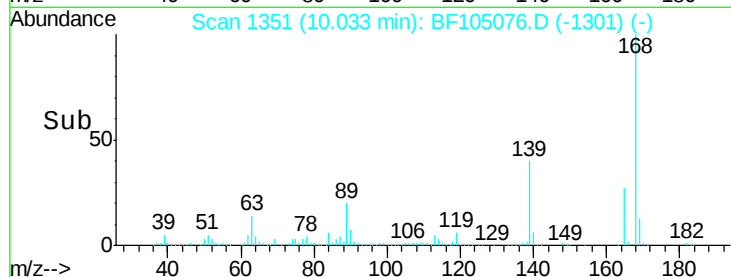
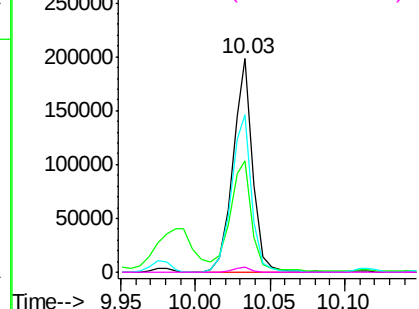
#56
2,4-Dinitrotoluene
Concen: 49.71 ng
RT: 10.03 min Scan# 1351
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 185543
Ion Ratio Lower Upper
165 100
63 52.4 36.4 54.6
89 74.0 57.8 86.6
182 2.3 1.6 2.4

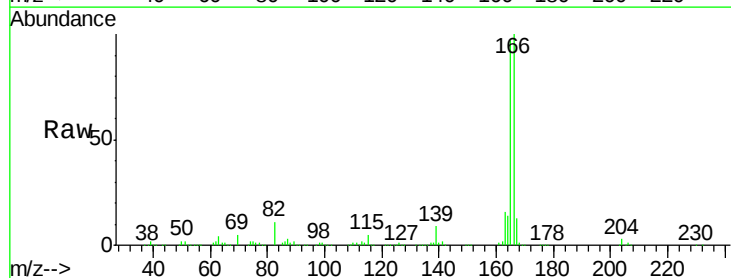


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

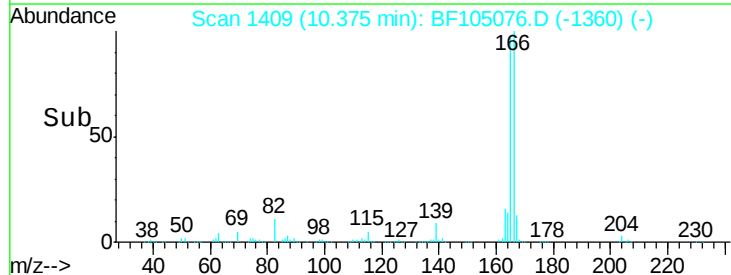
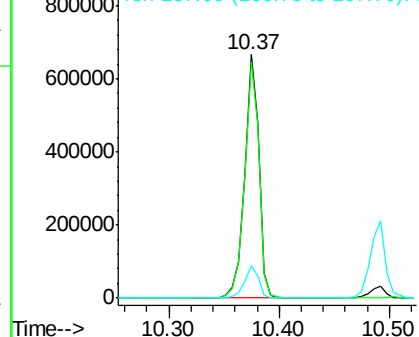


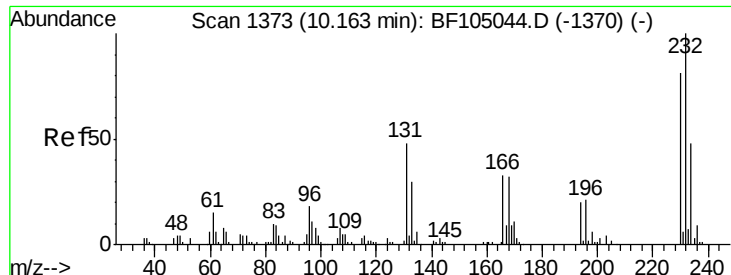
#57
Fluorene
Concen: 48.09 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion:166 Resp: 604163
Ion Ratio Lower Upper
166 100
165 97.2 79.8 119.8
167 13.5 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

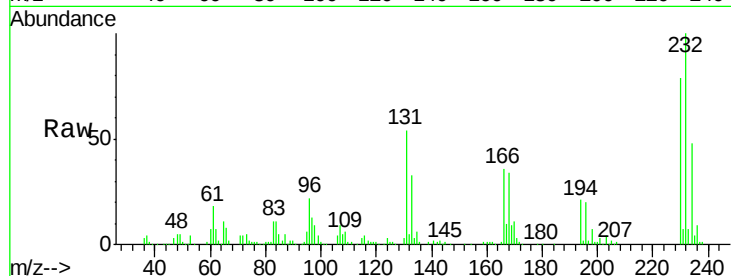




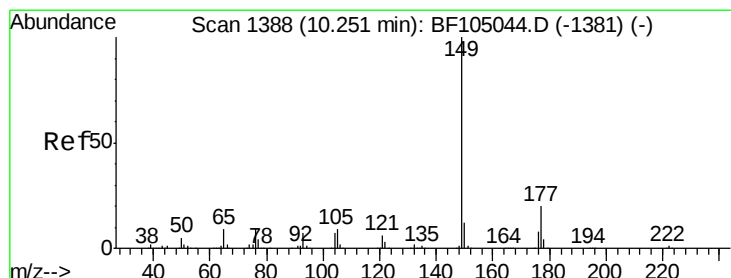
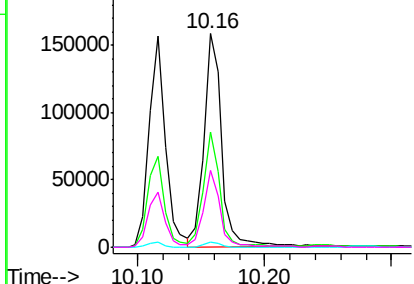
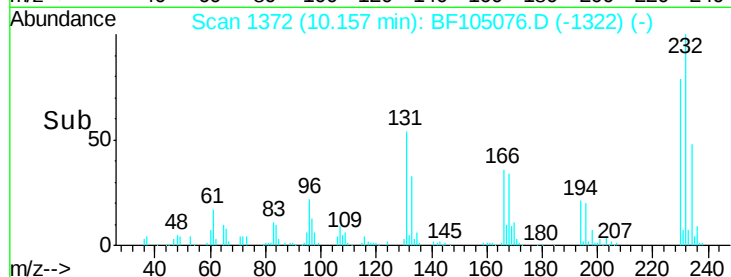
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 47.58 ng
 RT: 10.16 min Scan# 1372
 Delta R.T. -0.01 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	48.4	43.8	65.8
130	2.3	2.1	3.1
166	33.3	27.8	41.6

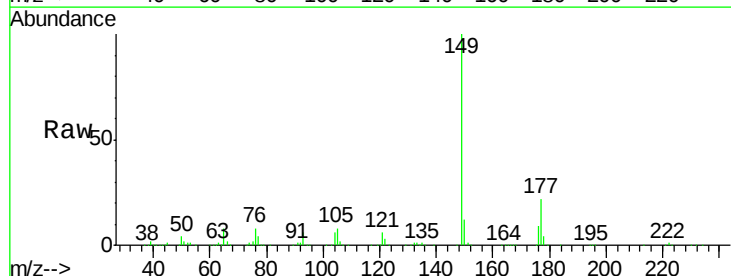


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

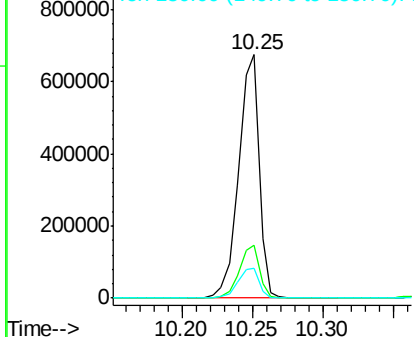
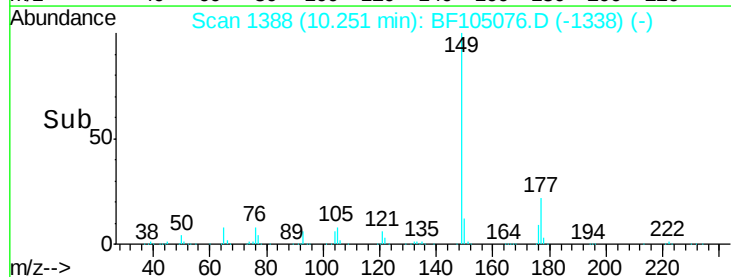


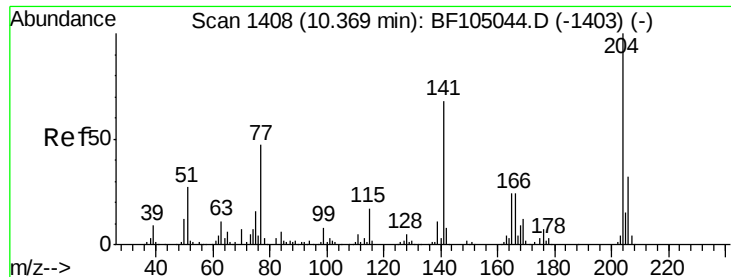
#59
 Diethylphthalate
 Concen: 44.62 ng
 RT: 10.25 min Scan# 1388
 Delta R.T. -0.01 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.1	24.1
150	12.2	10.1	15.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

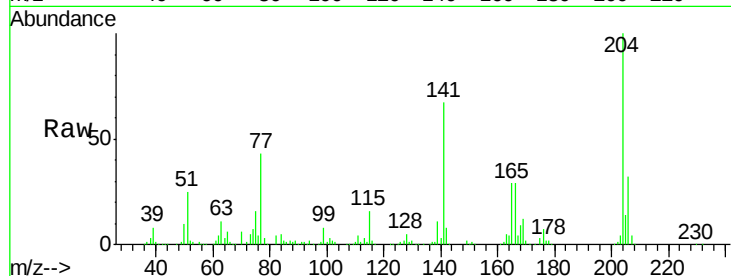




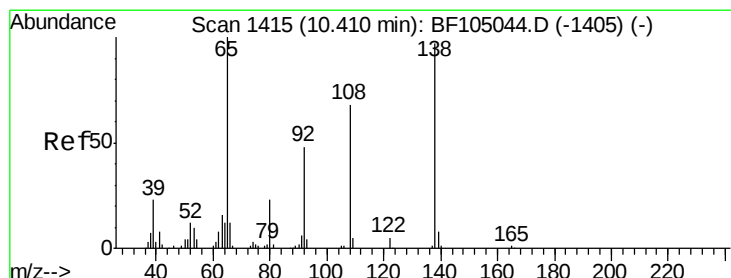
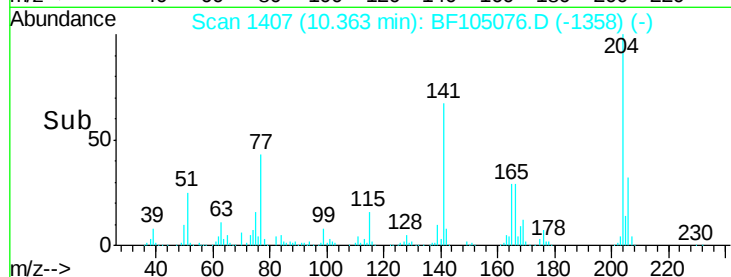
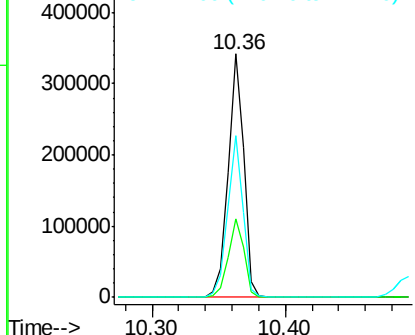
#60
4-Chlorophenyl-phenylether
Concen: 50.87 ng
RT: 10.36 min Scan# 1407
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 284627
Ion Ratio Lower Upper
204 100
206 32.2 26.5 39.7
141 66.6 54.6 81.8

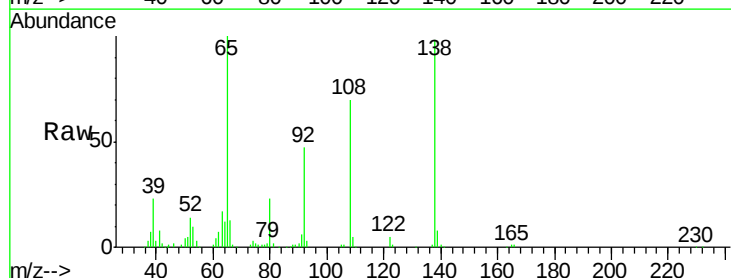


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

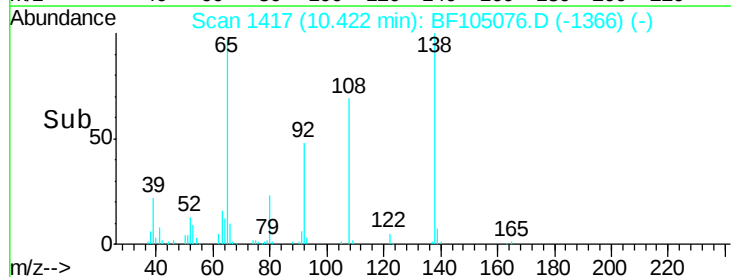
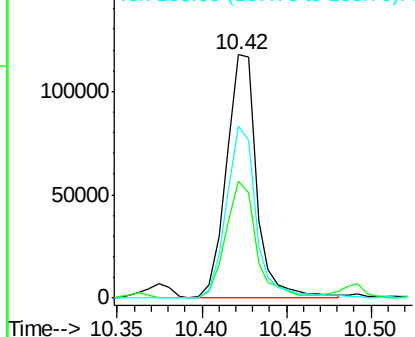


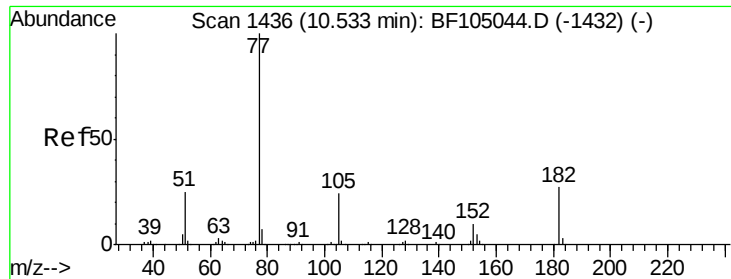
#61
4-Nitroaniline
Concen: 45.19 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion:138 Resp: 147181
Ion Ratio Lower Upper
138 100
92 48.1 30.2 70.2
108 70.8 52.5 92.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#62

Azobenzene

Concen: 40.37 ng

RT: 10.53 min Scan# 1435

Delta R.T. -0.01 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 590728

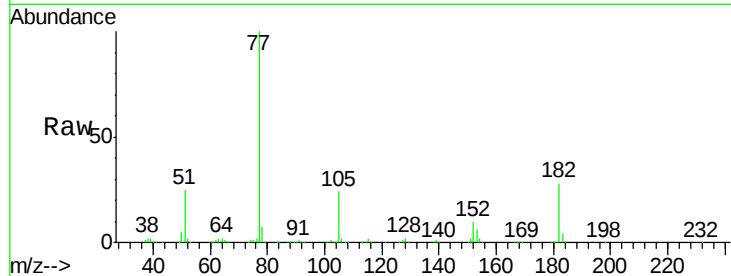
Ion Ratio Lower Upper

77 100

182 27.6 1.7 41.7

105 24.3 3.0 43.0

51 25.5 9.9 49.9

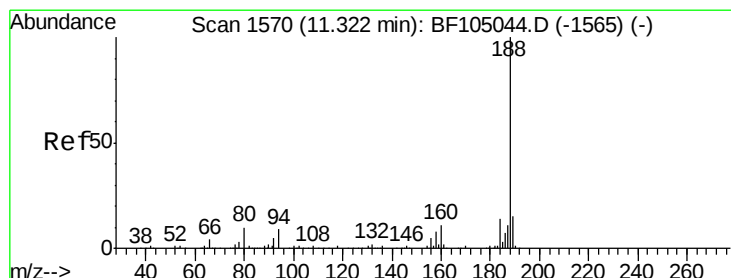
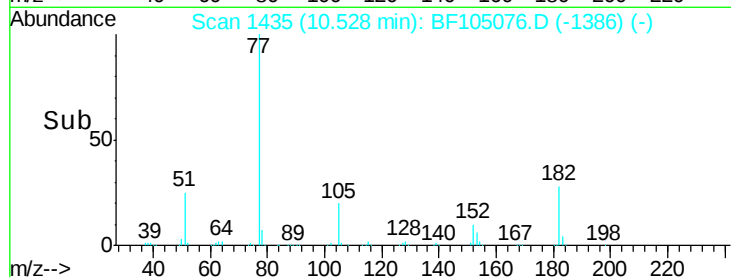
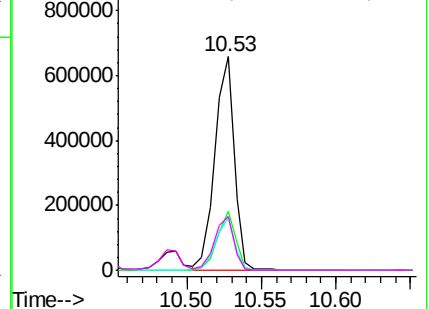


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

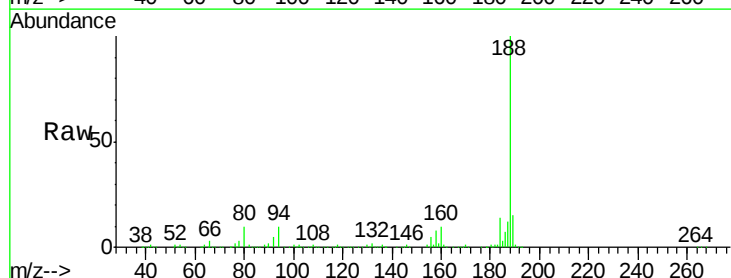
Tgt Ion: 188 Resp: 378814

Ion Ratio Lower Upper

188 100

94 9.6 8.5 12.7

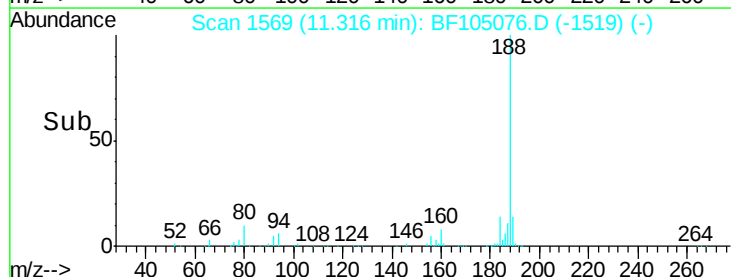
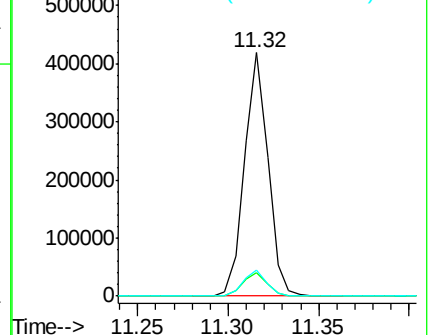
80 10.5 9.2 13.8

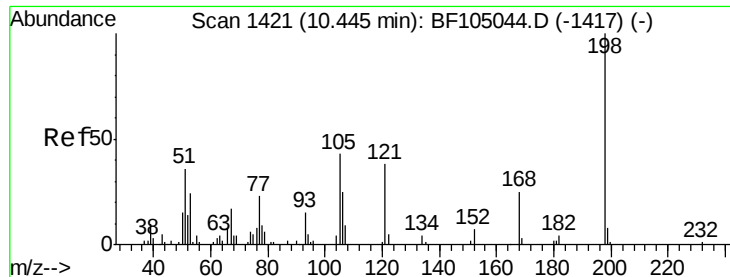


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

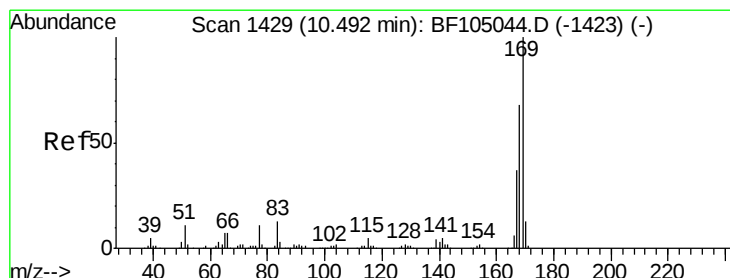
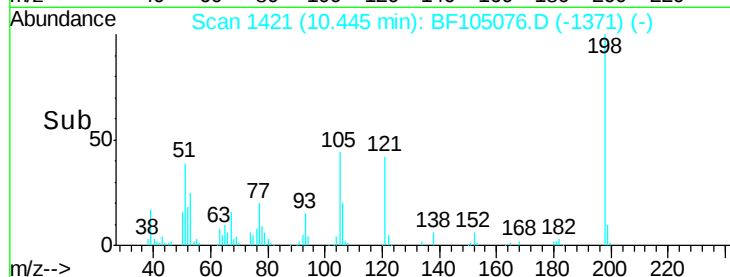
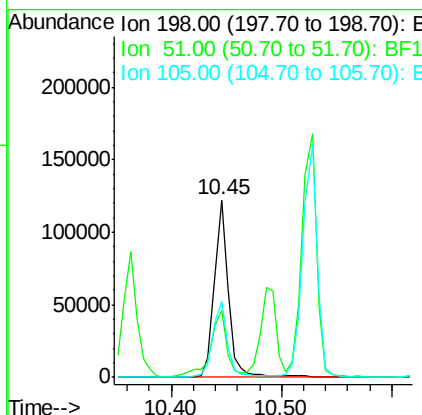
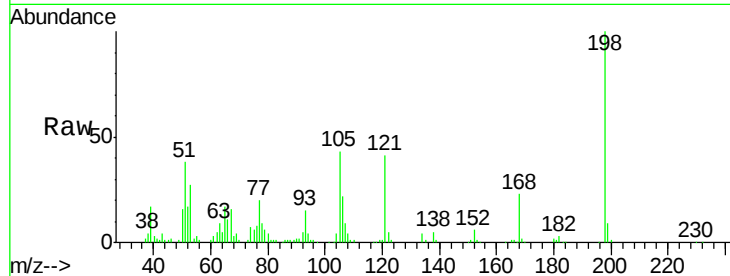




#64
 4,6-Dinitro-2-methylphenol
 Concen: 57.39 ng
 RT: 10.45 min Scan# 1421
 Delta R.T. -0.01 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

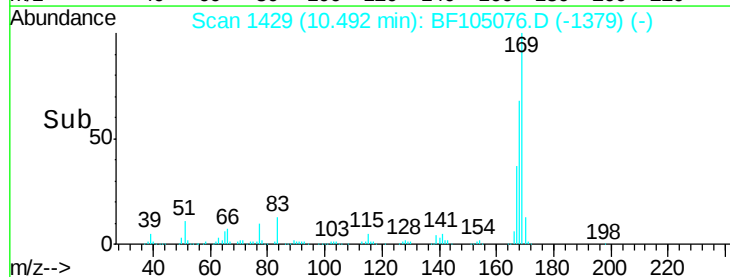
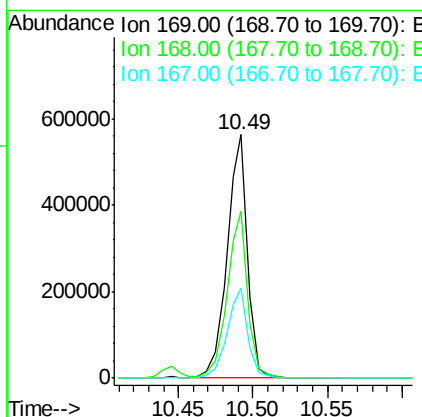
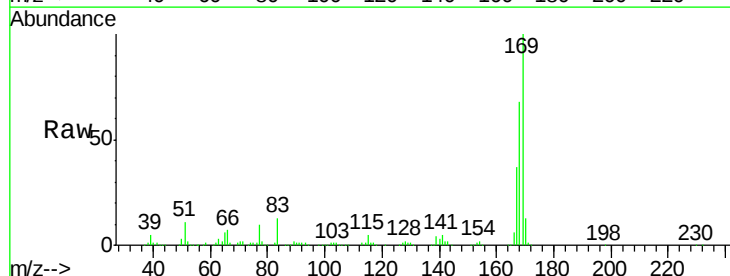
Instrument :
 BNA_F
 ClientSampleId :

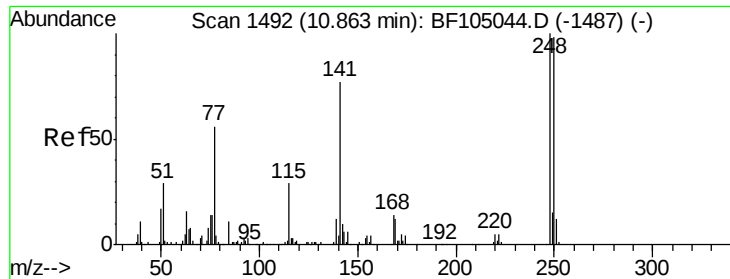
Tot Ion:198 Resp: 109001
 Ion Ratio Lower Upper
 198 100
 51 37.5 37.7 77.7#
 105 42.8 36.3 76.3



#65
 n-Nitrosodiphenylamine
 Concen: 41.31 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

Tgt Ion:169 Resp: 542537
 Ion Ratio Lower Upper
 169 100
 168 68.3 54.4 81.6
 167 37.2 29.8 44.6

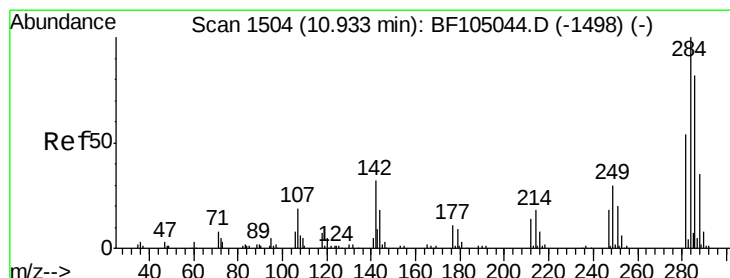
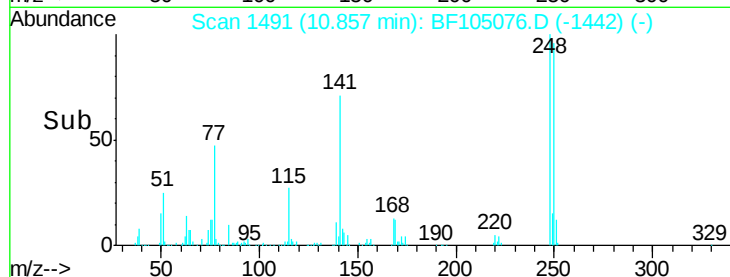
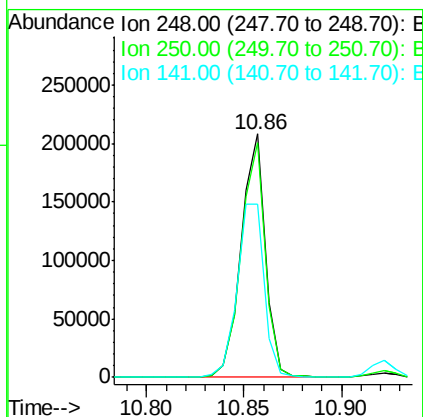
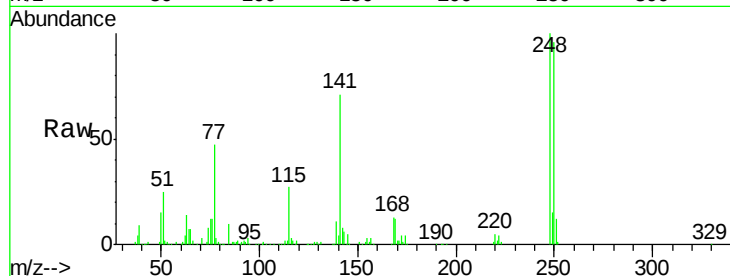




#66
4-Bromophenyl-phenylether
Concen: 44.72 ng
RT: 10.86 min Scan# 1491
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

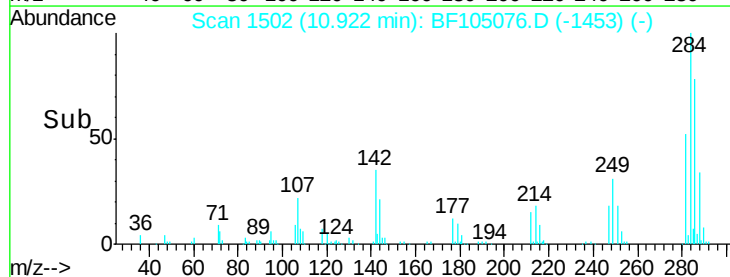
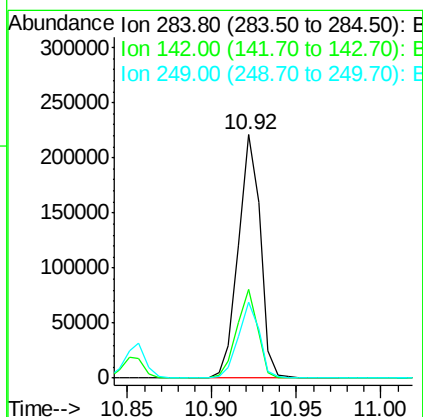
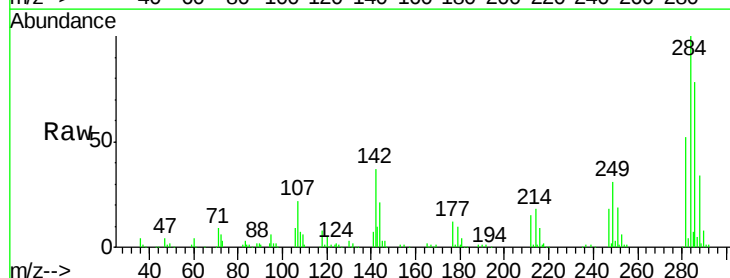
Instrument :
BNA_F
ClientSampled :

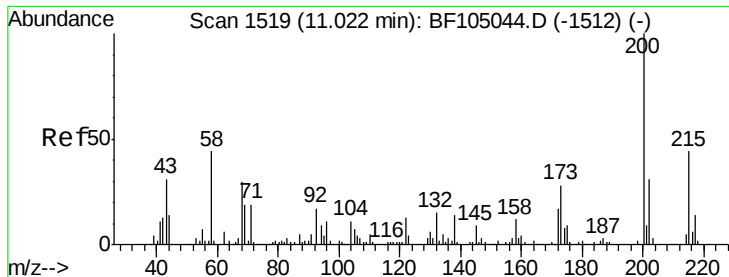
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	76.9	115.3
141	71.0	74.4	111.6#



#67
Hexachlorobenzene
Concen: 44.18 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.5	34.6	52.0
249	31.1	24.8	37.2

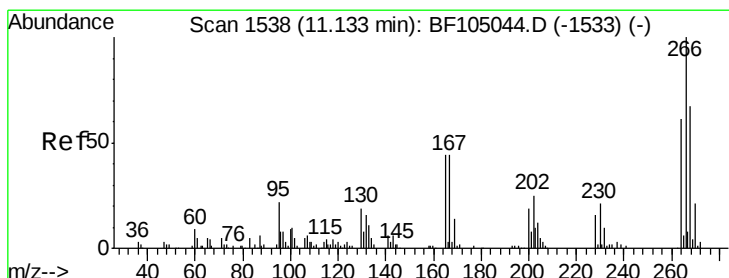
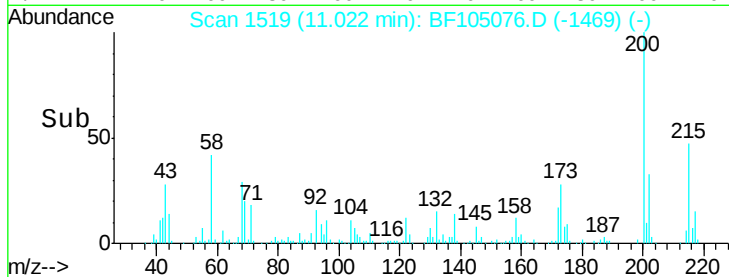
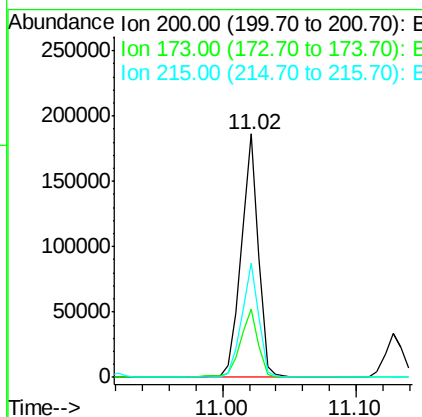
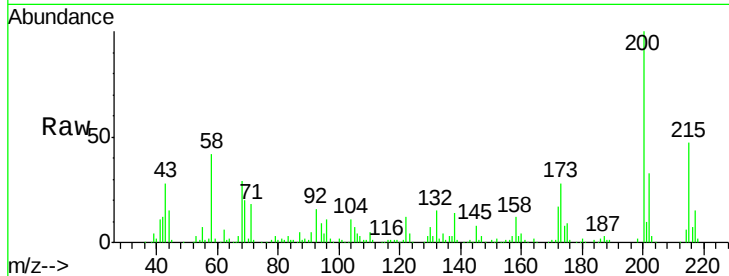




#68
 Atrazine
 Concen: 42.05 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

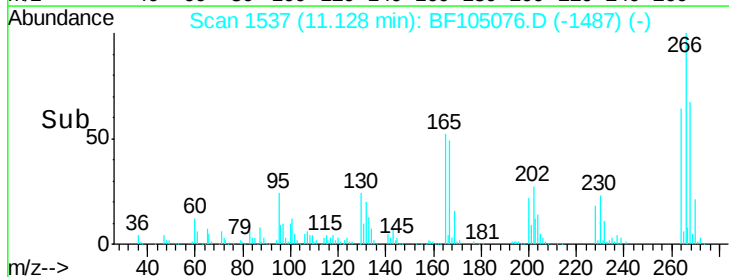
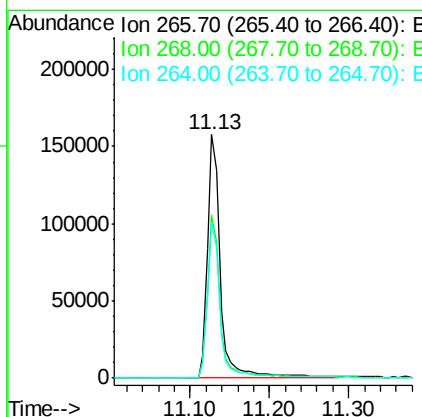
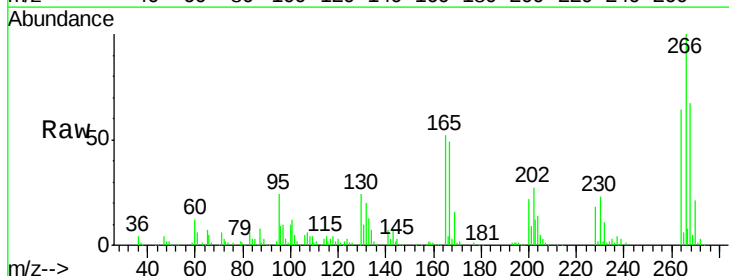
Instrument :
 BNA_F
 ClientSampleId :

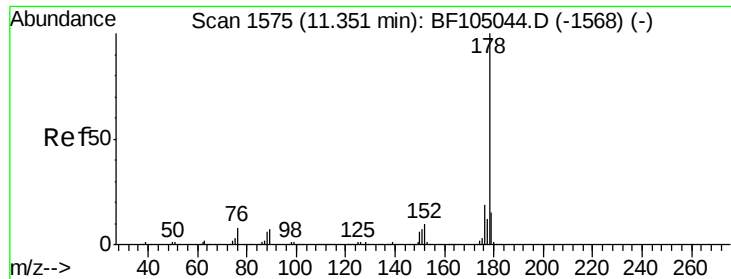
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.9	8.6	48.6
215	47.1	25.1	65.1



#69
 Pentachlorophenol
 Concen: 65.17 ng
 RT: 11.13 min Scan# 1537
 Delta R.T. -0.01 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.8	51.1	76.7
264	64.0	49.5	74.3





#70

Phenanthrene

Concen: 41.49 ng

RT: 11.35 min Scan# 1574

Delta R.T. -0.01 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

Instrument :

BNA_F

ClientSampleId :

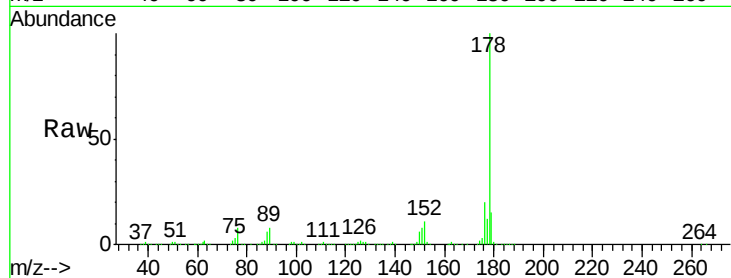
Tot Ion:178 Resp: 875301

Ion Ratio Lower Upper

178 100

176 19.6 15.8 23.8

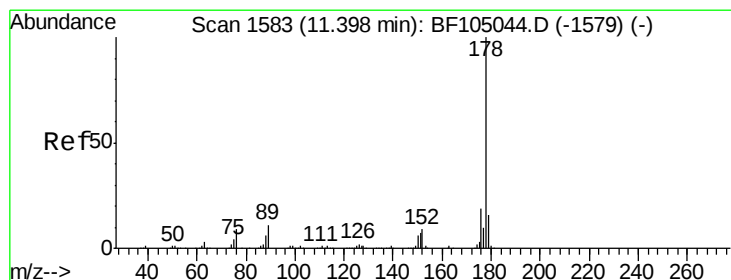
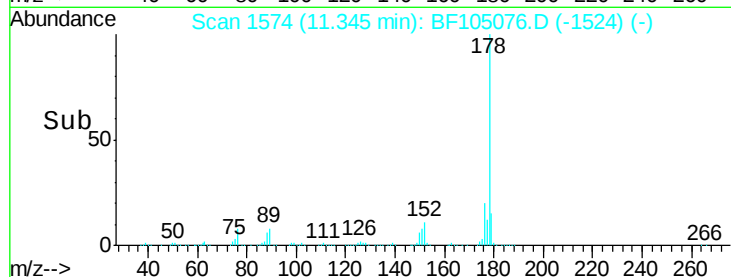
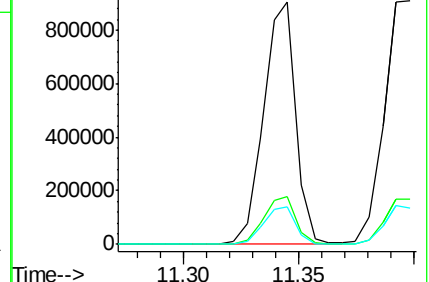
179 15.4 13.0 19.6



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: 43.22 ng

RT: 11.40 min Scan# 1583

Delta R.T. -0.01 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

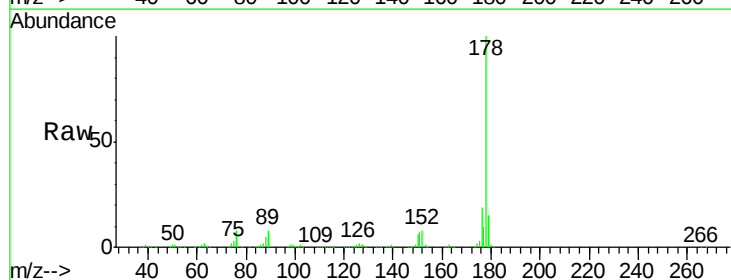
Tgt Ion:178 Resp: 926727

Ion Ratio Lower Upper

178 100

176 18.6 15.4 23.2

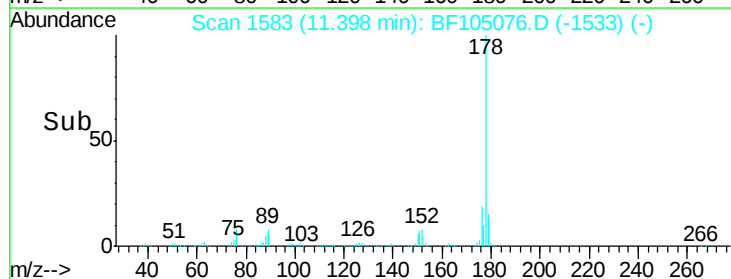
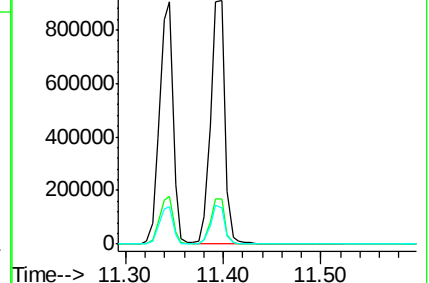
179 15.1 12.6 19.0

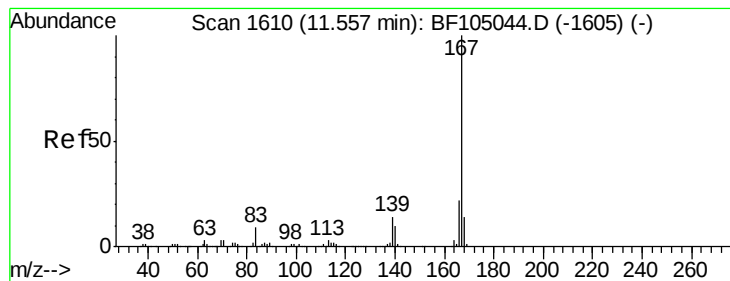


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#72

Carbazole

Concen: 40.57 ng

RT: 11.56 min Scan# 1610

Delta R.T. -0.01 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

Instrument :

BNA_F

ClientSampleId :

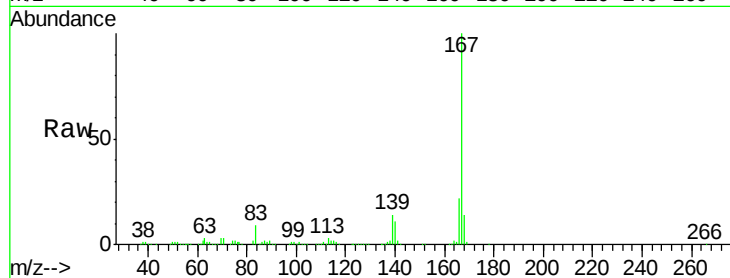
Tot Ion:167 Resp: 850055

Ion Ratio Lower Upper

167 100

166 22.1 17.6 26.4

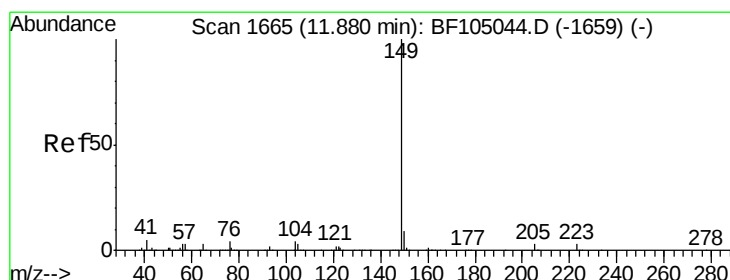
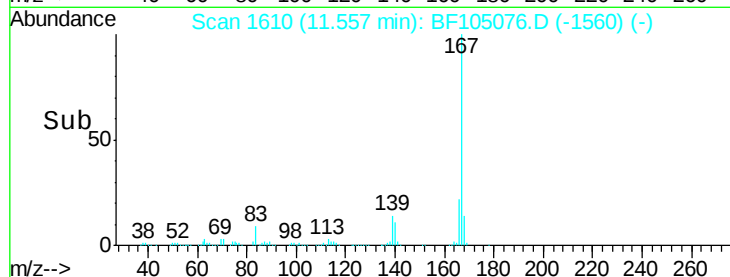
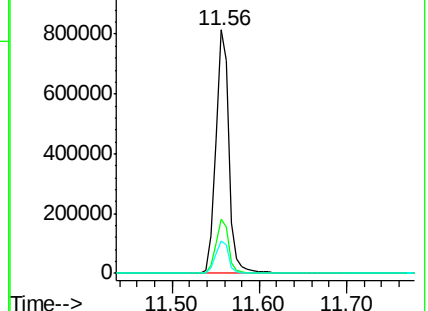
139 13.6 10.9 16.3



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: 43.10 ng

RT: 11.87 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

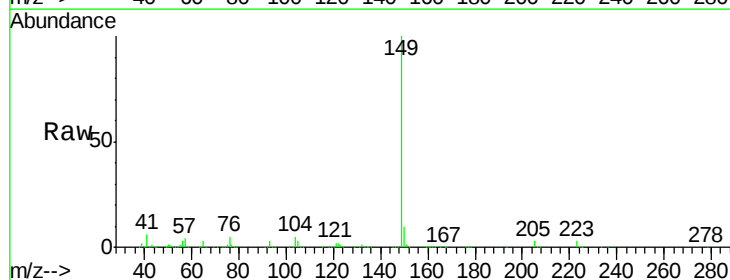
Tgt Ion:149 Resp: 1103333

Ion Ratio Lower Upper

149 100

150 9.5 7.8 11.6

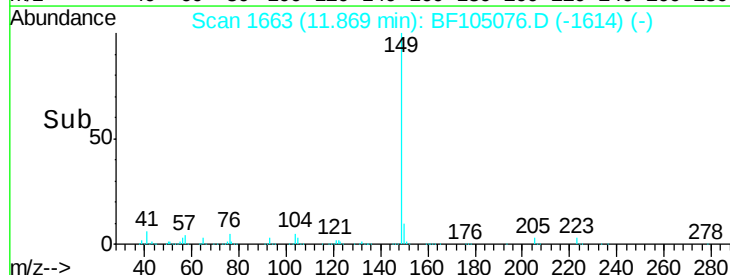
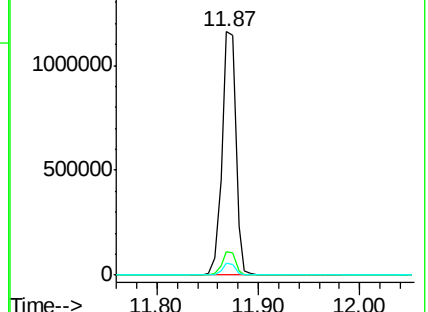
104 4.9 3.8 5.8

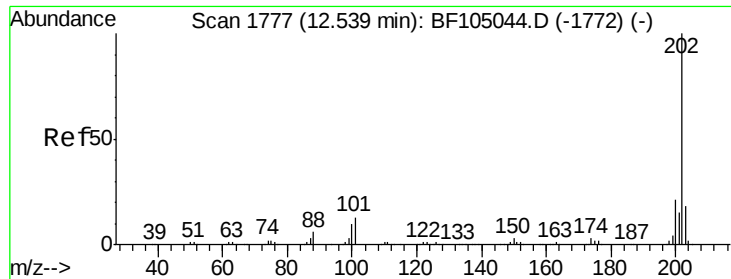


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

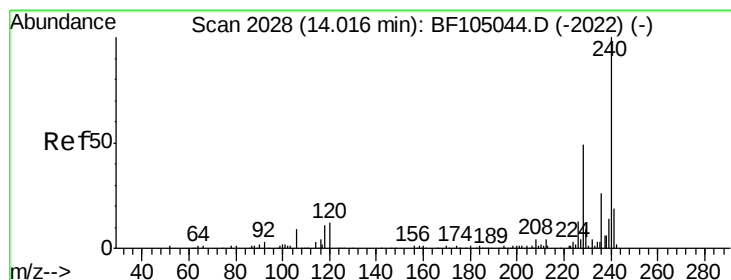
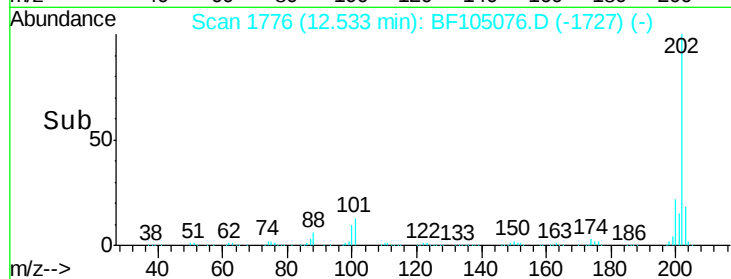
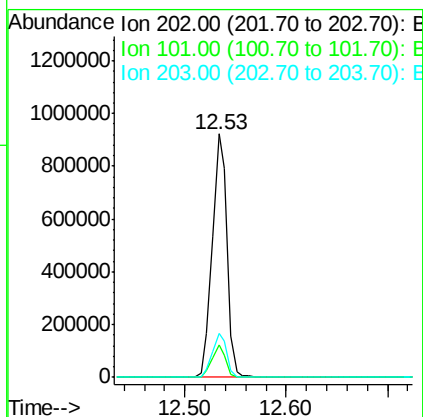
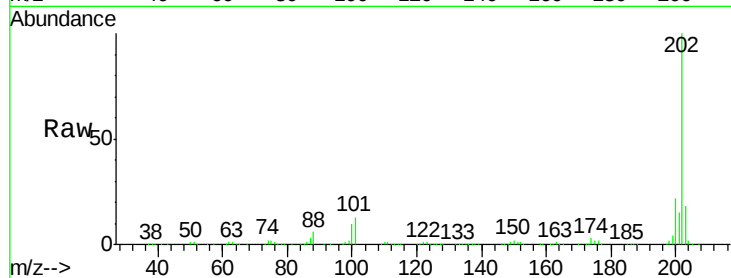




#74
 Fluoranthene
 Concen: 42.36 ng
 RT: 12.53 min Scan# 1776
 Delta R.T. -0.01 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

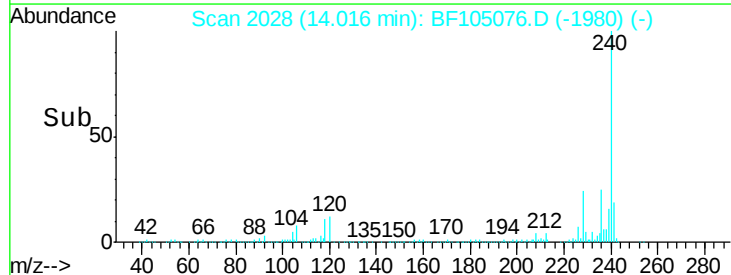
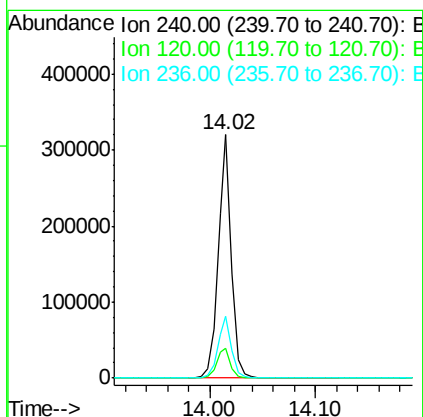
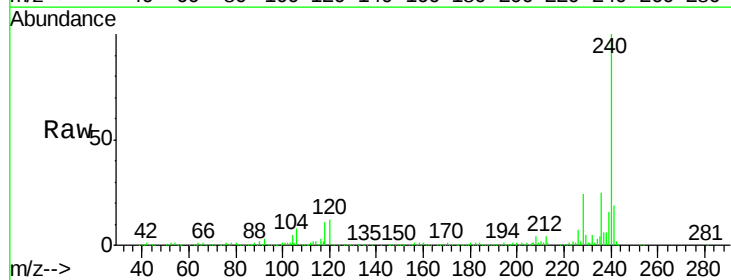
Instrument :
 BNA_F
 ClientSampleId :

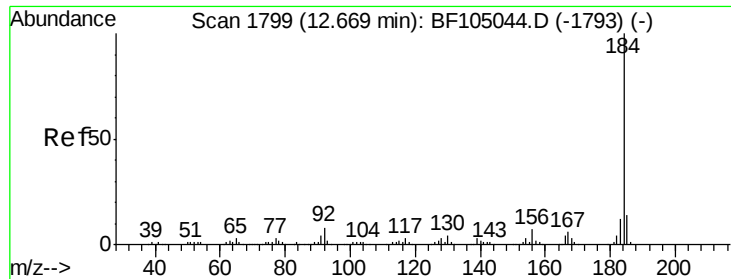
Tot Ion:202 Resp: 933566
 Ion Ratio Lower Upper
 202 100
 101 13.2 0.0 34.1
 203 18.2 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.02 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

Tgt Ion:240 Resp: 279388
 Ion Ratio Lower Upper
 240 100
 120 12.2 9.5 14.3
 236 25.4 20.7 31.1

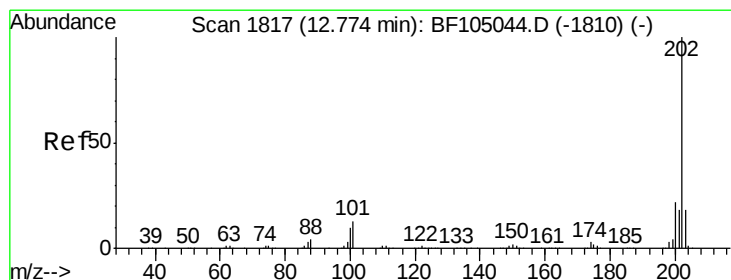
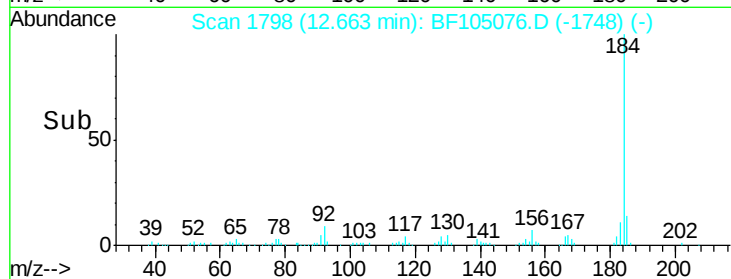
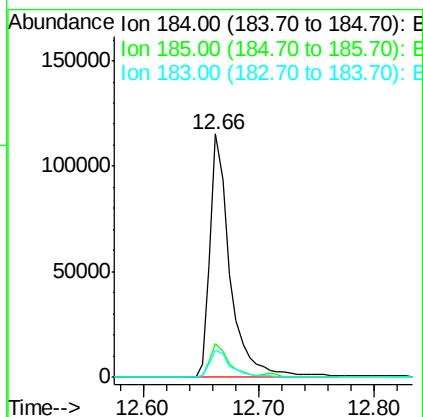
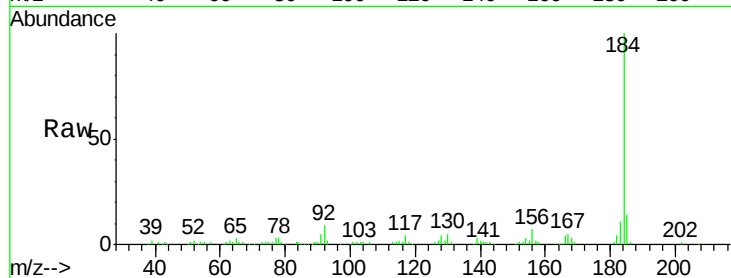




#76
Benzidine
Concen: 10.50 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

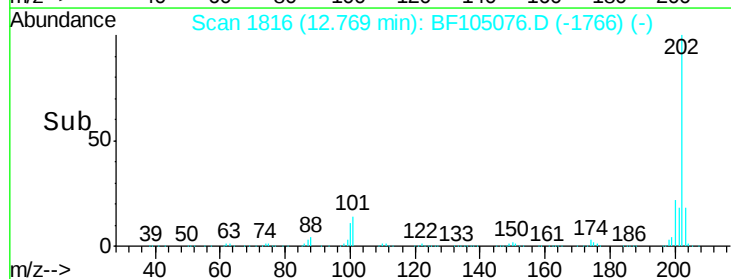
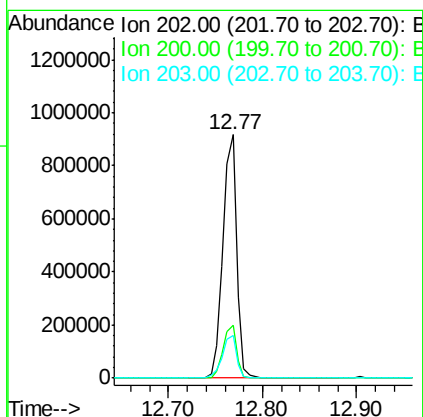
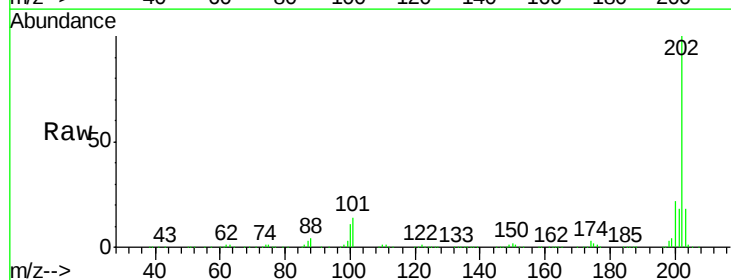
Instrument :
BNA_F
ClientSampleId :

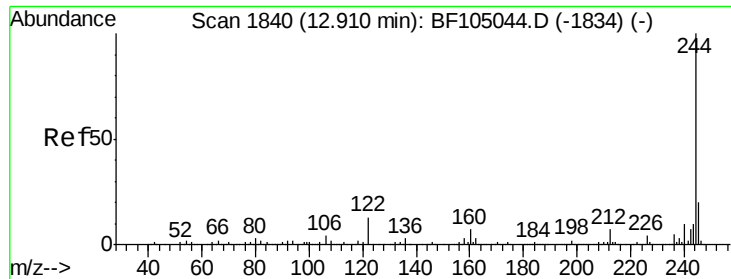
Tot Ion:184 Resp: 140769
Ion Ratio Lower Upper
184 100
185 13.6 12.6 18.8
183 11.3 9.3 13.9



#77
Pyrene
Concen: 45.39 ng
RT: 12.77 min Scan# 1816
Delta R.T. -0.01 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion:202 Resp: 940050
Ion Ratio Lower Upper
202 100
200 21.5 17.4 26.2
203 17.8 14.3 21.5

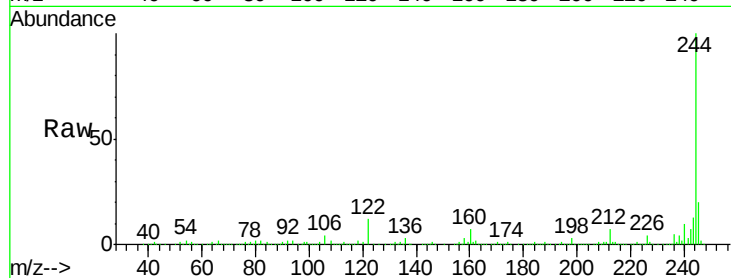




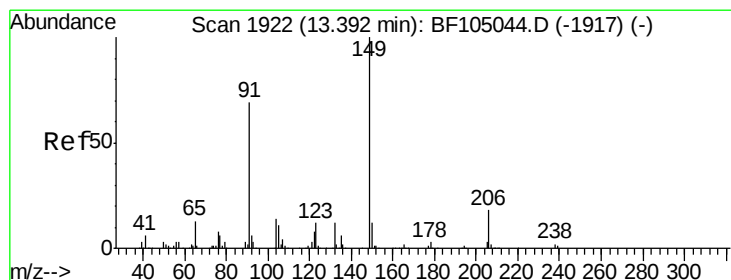
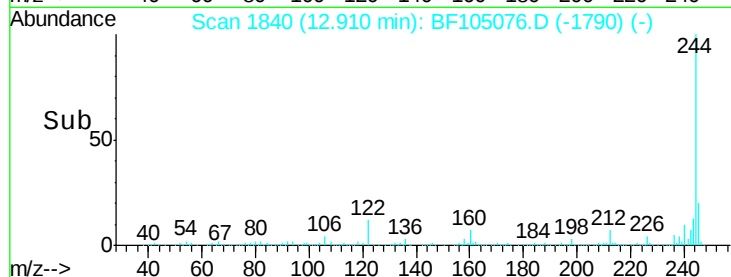
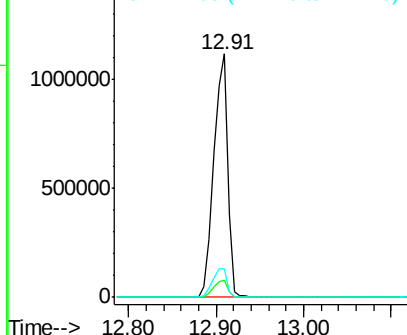
#78
 Terphenyl-d14
 Concen: 101.62 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 1245311
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.0
 122 11.6 11.0 16.4

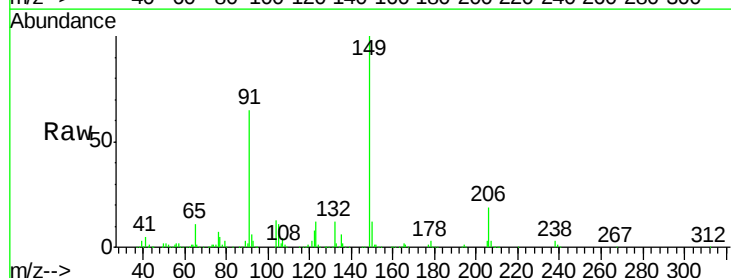


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

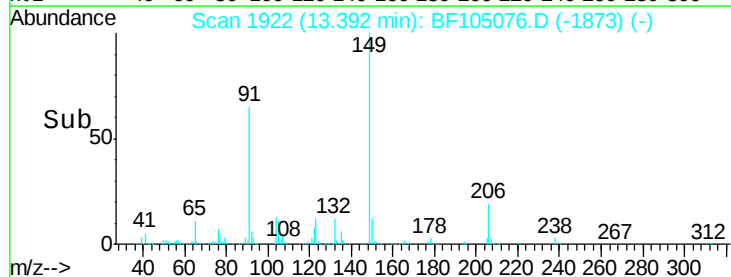
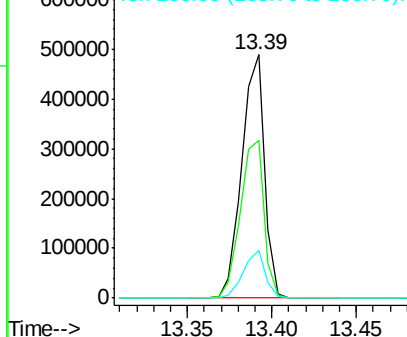


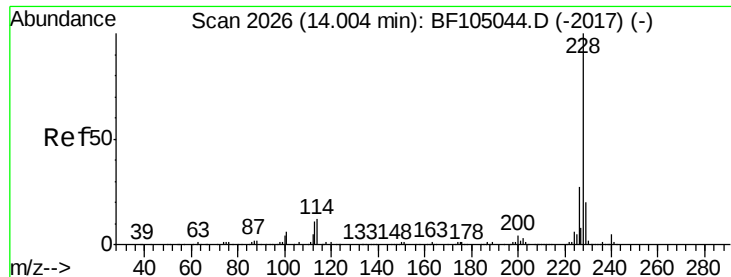
#79
 Butylbenzylphthalate
 Concen: 47.18 ng
 RT: 13.39 min Scan# 1922
 Delta R.T. -0.01 min
 Lab File: BF105076.D
 Acq: 3 May 2018 16:54

Tgt Ion:149 Resp: 460278
 Ion Ratio Lower Upper
 149 100
 91 64.6 56.8 85.2
 206 19.5 14.1 21.1



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 91.00 (90.70 to 91.70): BF1
 Ion 206.00 (205.70 to 206.70): E

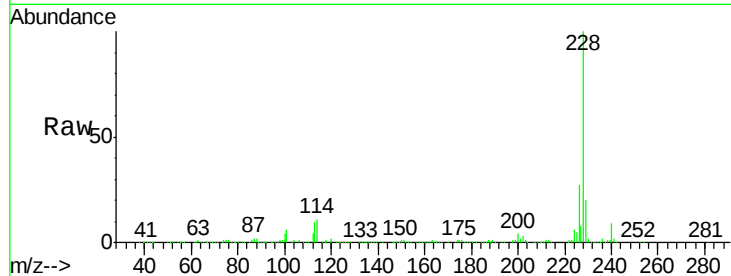




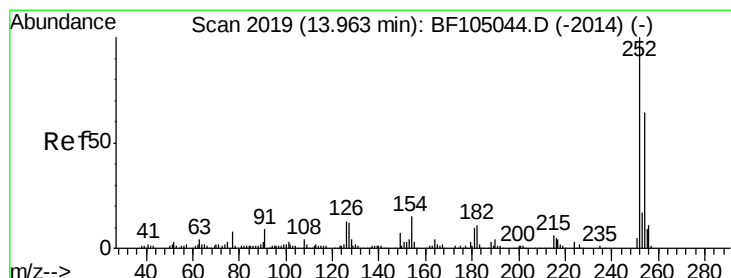
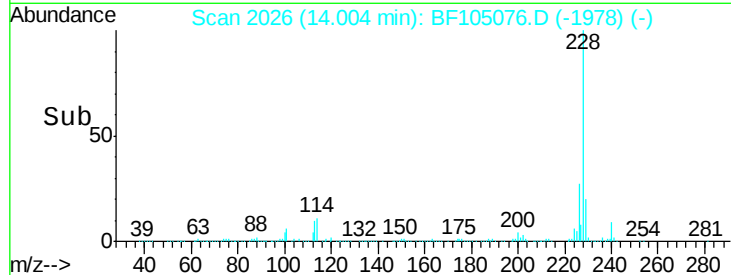
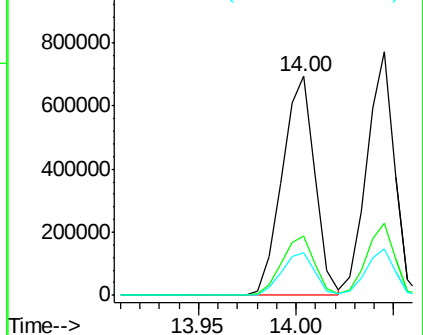
#80
Benzo(a)anthracene
Concen: 47.90 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.02 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Instrument :
BNA_F
ClientSampled :

Tot Ion:228 Resp: 799517
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.7 15.8 23.6

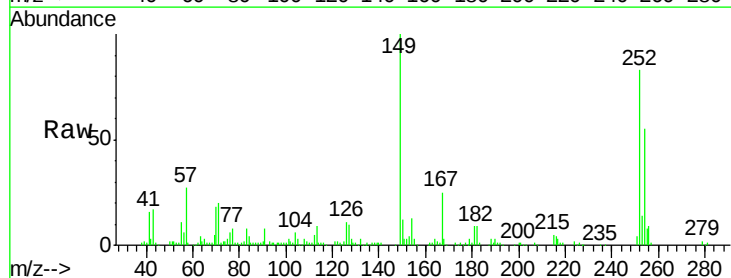


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

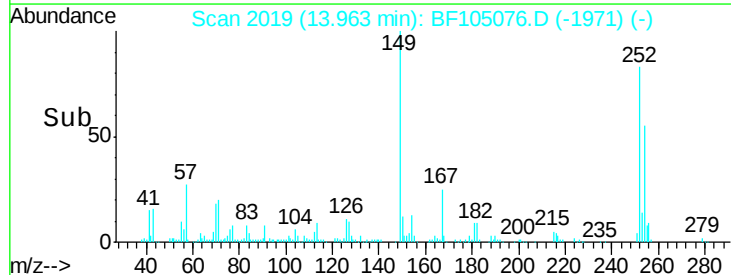
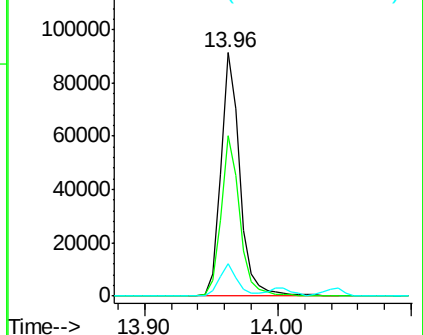


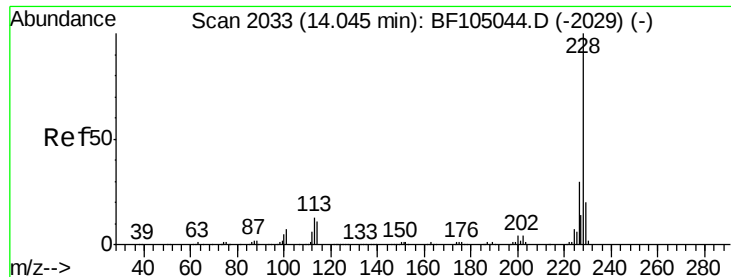
#81
3,3'-Dichlorobenzidine
Concen: 14.80 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion:252 Resp: 92132
Ion Ratio Lower Upper
252 100
254 65.9 50.4 75.6
126 13.2 11.3 16.9



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

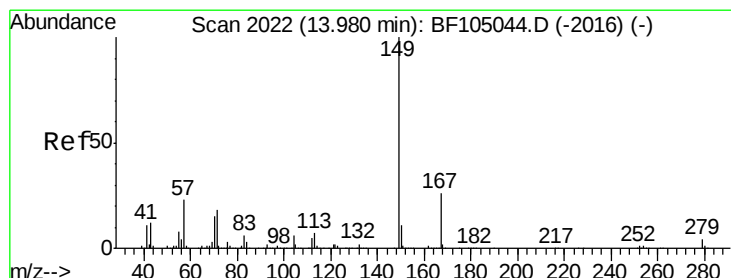
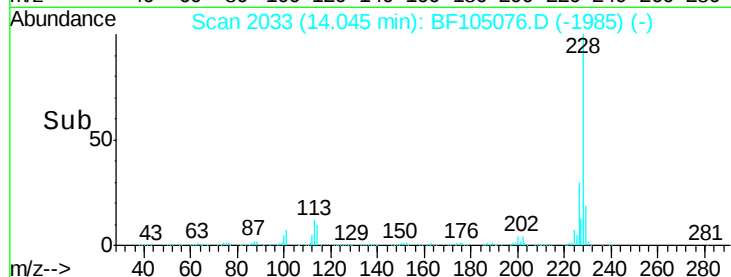
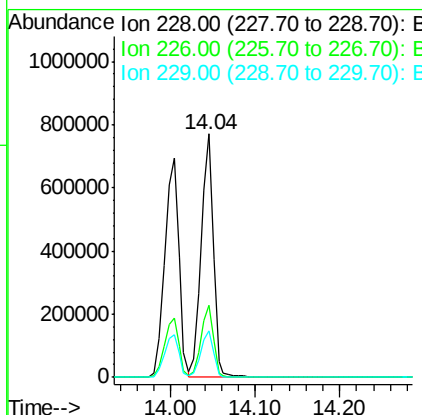
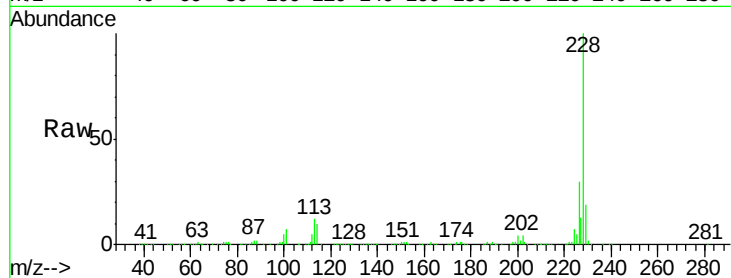




#82
Chrysene
Concen: 44.57 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.02 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

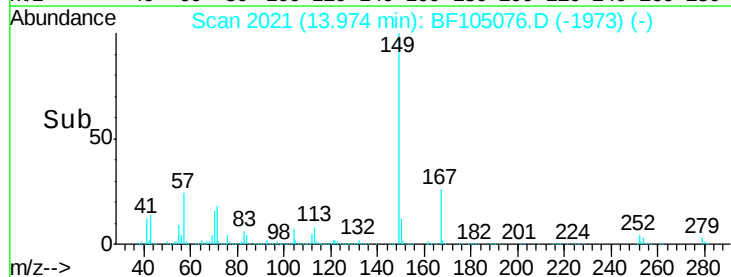
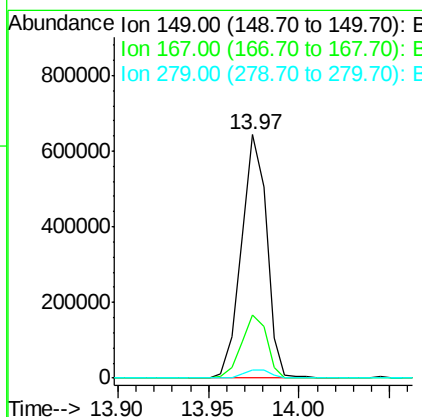
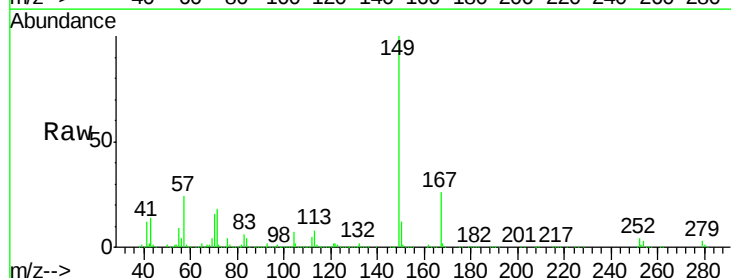
Instrument :
BNA_F
ClientSampleId :

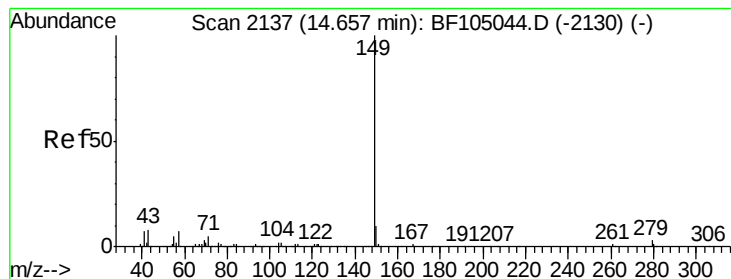
Tot Ion:228 Resp: 764130
Ion Ratio Lower Upper
228 100
226 29.7 25.0 37.6
229 19.2 16.2 24.4



#83
Bis(2-ethylhexyl)phthalate
Concen: 49.77 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.02 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion:149 Resp: 624584
Ion Ratio Lower Upper
149 100
167 26.2 21.3 31.9
279 3.3 3.0 4.4





#84

Di-n-octyl phthalate

Concen: 47.71 ng

RT: 14.66 min Scan# 2137

Delta R.T. -0.02 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

Instrument :

BNA_F

ClientSampled :

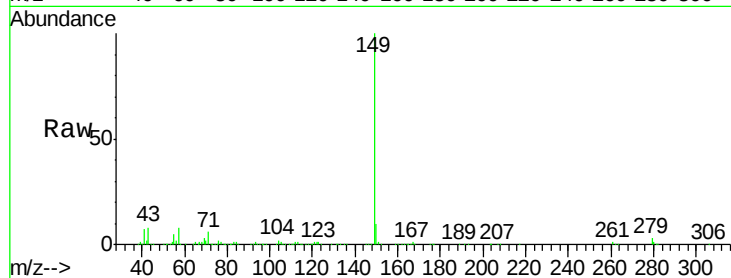
Tot Ion:149 Resp: 1000438

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

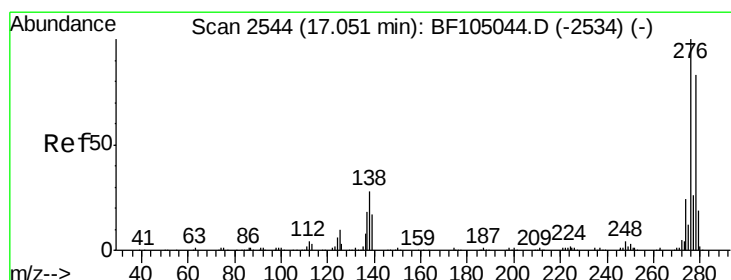
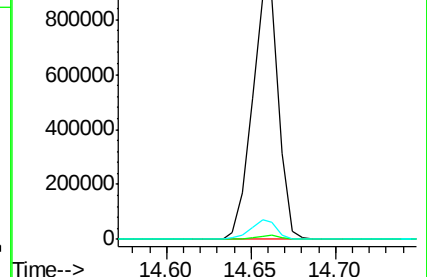
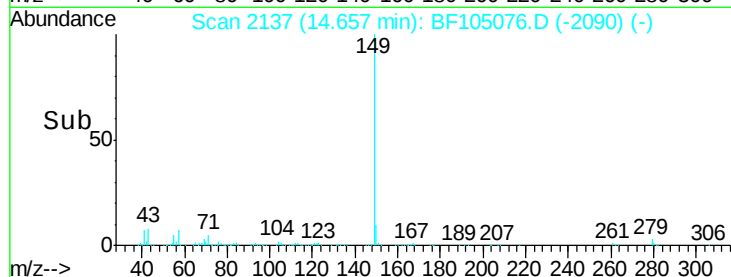
43 7.5 8.4 12.6#



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): BF1



#85

Indeno(1,2,3-cd)pyrene

Concen: 38.77 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.03 min

Lab File: BF105076.D

Acq: 3 May 2018 16:54

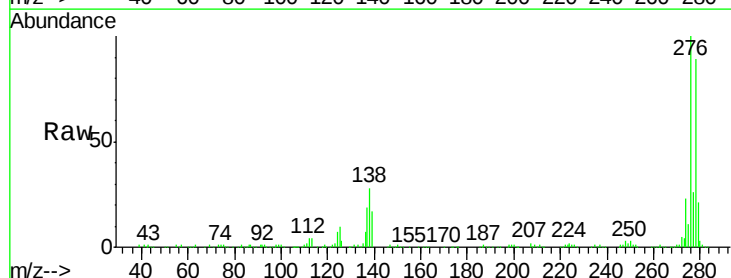
Tgt Ion:276 Resp: 564625

Ion Ratio Lower Upper

276 100

138 27.6 25.0 37.6

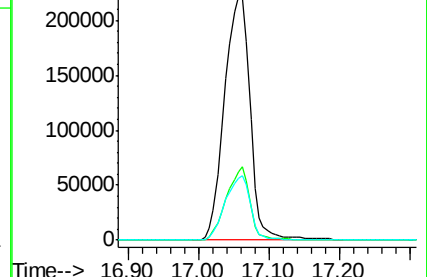
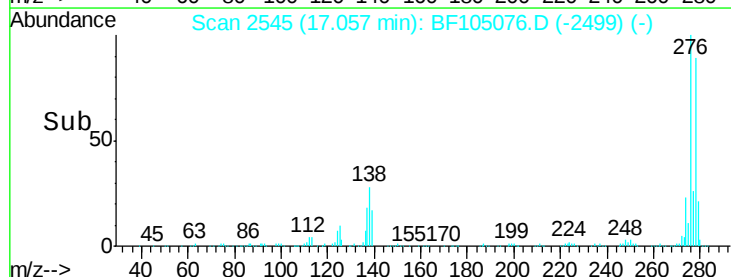
277 25.9 20.1 30.1

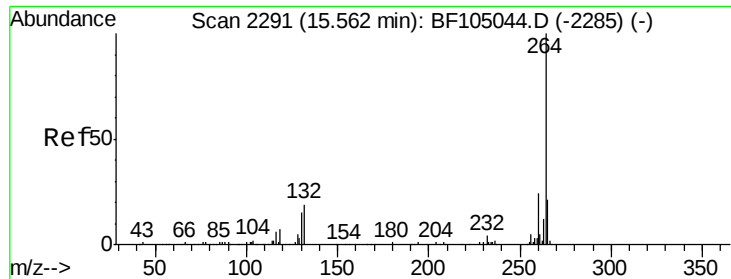


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



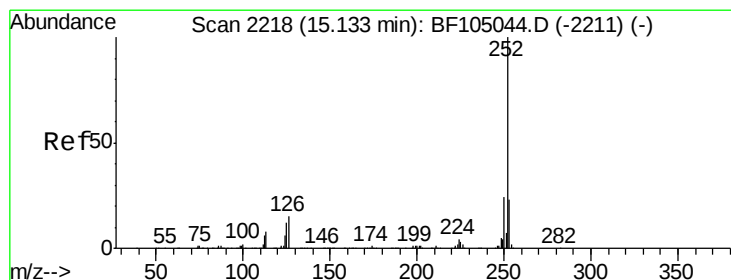
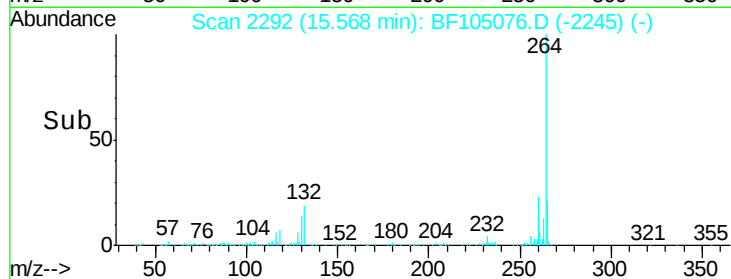
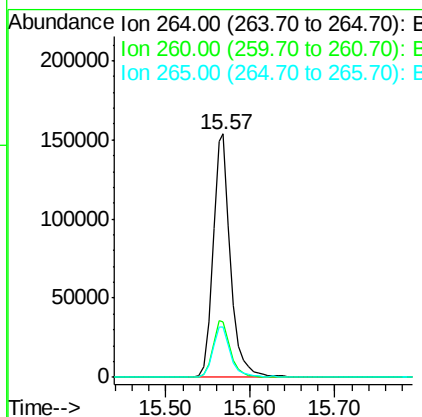
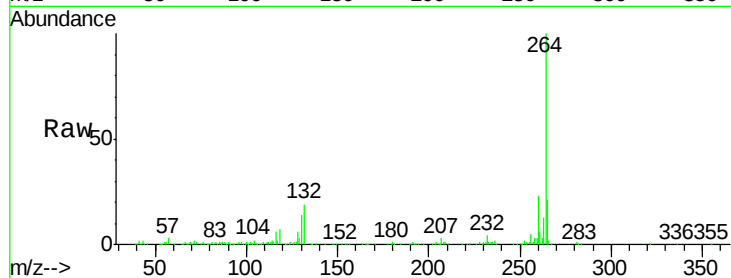


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.57 min Scan# 2292
Delta R.T. -0.02 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 223308

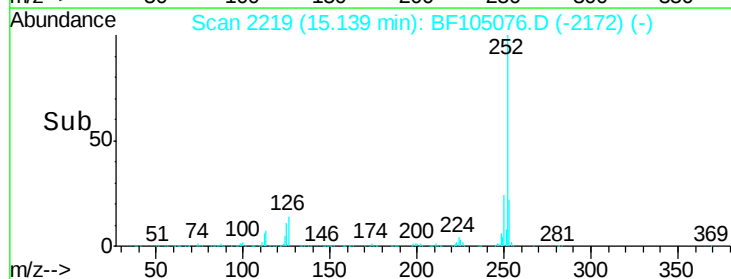
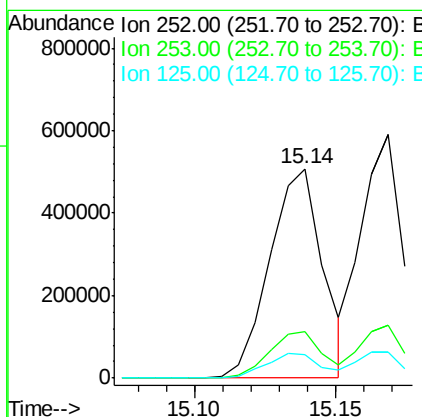
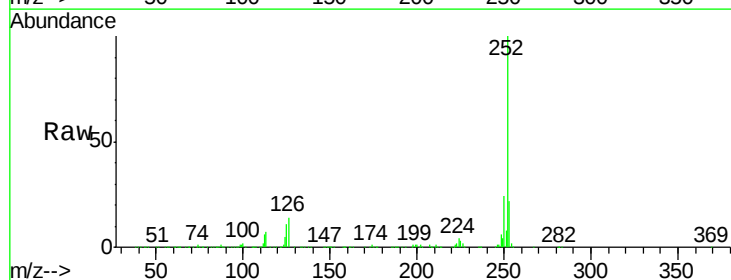
Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.2	28.8
265	20.9	17.5	26.3

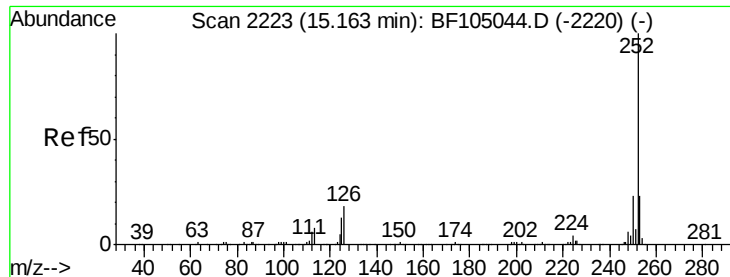


#87
Benzo(b)fluoranthene
Concen: 46.97 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.02 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion:252 Resp: 662435

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	10.9	9.0	13.6

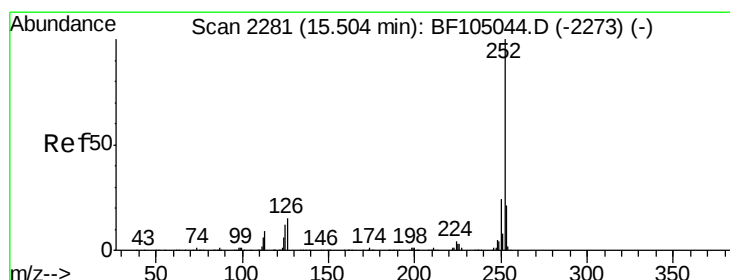
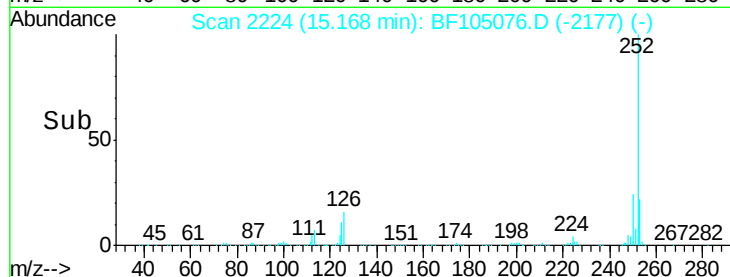
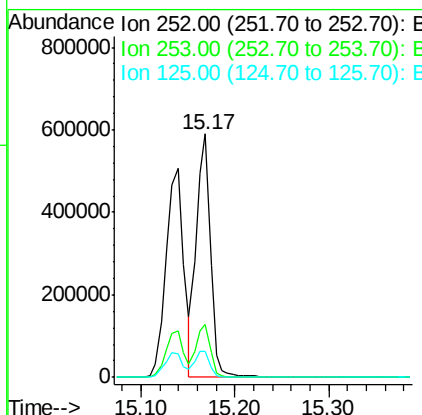
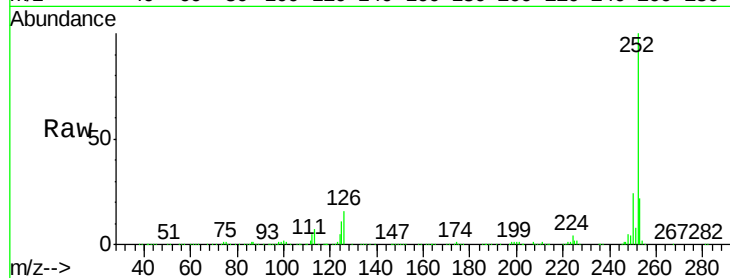




#88
Benzo(k)fluoranthene
Concen: 46.25 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

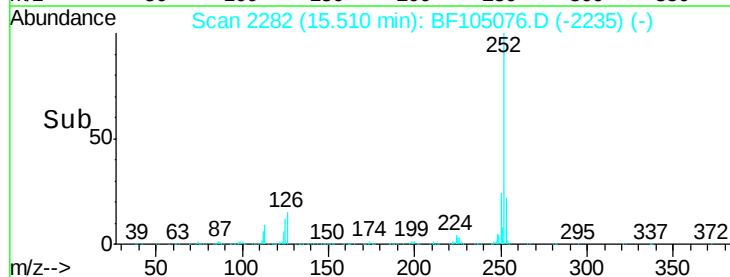
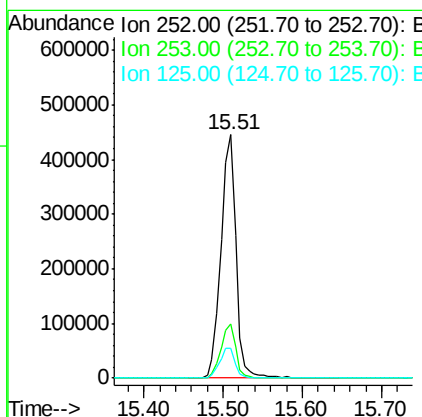
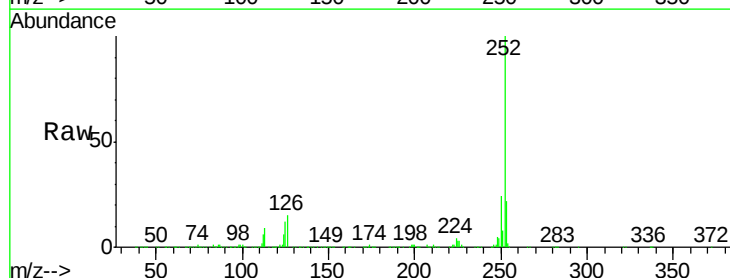
Instrument :
BNA_F
ClientSampleId :

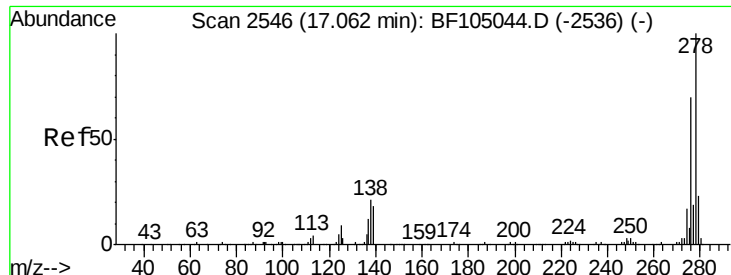
Tot Ion:252 Resp: 615777
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 10.8 10.2 15.2



#89
Benzo(a)pyrene
Concen: 46.54 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.02 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion:252 Resp: 587353
Ion Ratio Lower Upper
252 100
253 22.0 17.1 25.7
125 12.1 9.8 14.6



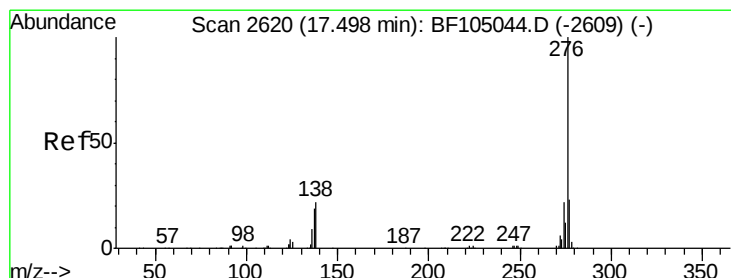
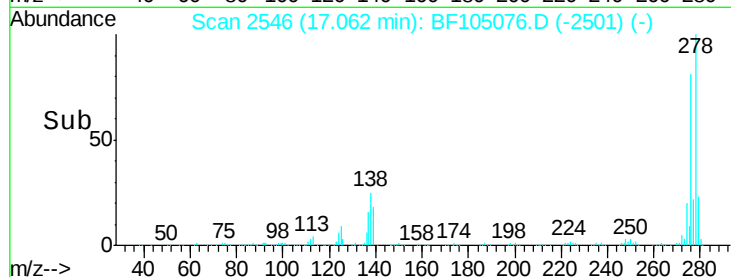
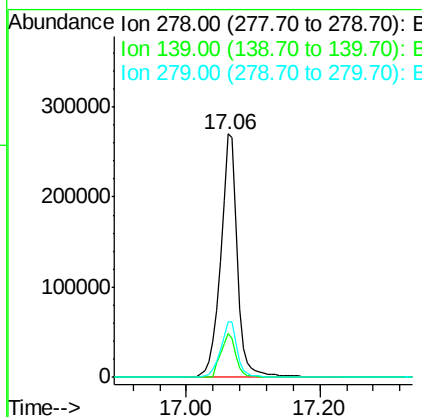
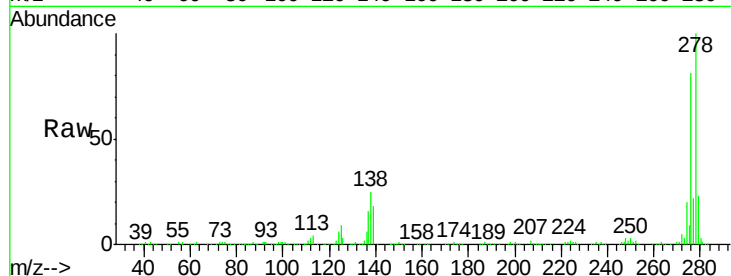


#90
Dibenzo(a,h)anthracene
Concen: 46.30 ng
RT: 17.06 min Scan# 2546
Delta R.T. -0.04 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 479909

Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.9	23.9
279	22.8	19.0	28.4



#91
Benzo(g,h,i)perylene
Concen: 47.98 ng
RT: 17.50 min Scan# 2620
Delta R.T. -0.04 min
Lab File: BF105076.D
Acq: 3 May 2018 16:54

Tgt Ion:276 Resp: 481757

Ion	Ratio	Lower	Upper
276	100		
277	24.1	17.9	26.9
138	23.9	21.8	32.8

