

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096118.D
 Acq On : 22 Jun 2017 13:03
 Operator : SJ/MA
 Sample : I3759-03MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 22 16:22:32 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	70335	20.00	ng	-0.02
21) Naphthalene-d8	9.30	136	291302	20.00	ng	-0.02
38) Acenaphthene-d10	12.13	164	138960	20.00	ng	-0.02
63) Phenanthrene-d10	14.53	188	255063	20.00	ng	-0.01
75) Chrysene-d12	18.27	240	185465	20.00	ng	0.00
86) Perylene-d12	19.94	264	100525	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	594614	134.71	ng	0.00
7) Phenol-d6	6.86	99	706141	133.63	ng	-0.02
23) Nitrobenzene-d5	8.20	82	443812	94.62	ng	-0.02
41) 2,4,6-Tribromophenol	13.44	330	167404	136.16	ng	-0.01
44) 2-Fluorobiphenyl	11.09	172	885511	88.68	ng	-0.02
78) Terphenyl-d14	16.92	244	810688	108.48	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.55	88	14762	7.03	ng	# 21
3) Pyridine	2.29	79	103556	20.98	ng	96
4) n-Nitrosodimethylamine	2.20	42	86294	45.99	ng	81
6) Aniline	6.81	93	34082	4.93	ng	96
8) 2-Chlorophenol	6.97	128	221641	47.23	ng	98
9) Benzaldehyde	6.61	77	60535	16.98	ng	93
10) Phenol	6.88	94	240075	43.80	ng	93
11) bis(2-Chloroethyl)ether	6.92	93	204163	47.02	ng	96
12) 1,3-Dichlorobenzene	7.17	146	227205	42.77	ng	98
13) 1,4-Dichlorobenzene	7.30	146	230412	42.77	ng	96
14) 1,2-Dichlorobenzene	7.53	146	221063	44.51	ng	96
15) Benzyl Alcohol	7.60	79	143863	39.66	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.78	45	281690	46.17	ng	97
17) 2-Methylphenol	7.83	107	181513	46.09	ng	96
18) Hexachloroethane	8.05	117	79085	44.45	ng	# 85
19) n-Nitroso-di-n-propylamine	8.02	70	156163	46.63	ng	95
20) 3+4-Methylphenols	8.11	107	242298	48.46	ng	# 60
22) Acetophenone	7.97	105	319993	46.93	ng	# 84
24) Nitrobenzene	8.23	77	221898	44.29	ng	92
25) Isophorone	8.63	82	401292	45.82	ng	96
26) 2-Nitrophenol	8.74	139	122445	46.67	ng	96
27) 2,4-Dimethylphenol	8.90	122	202255	49.67	ng	96
28) bis(2-Chloroethoxy)methane	9.01	93	249986	43.30	ng	99
29) 2,4-Dichlorophenol	9.19	162	175133	44.66	ng	96
30) 1,2,4-Trichlorobenzene	9.24	180	179983	44.11	ng	98
31) Naphthalene	9.34	128	656290	44.89	ng	100
32) Benzoic acid	9.30	122	108405	43.18	ng	94
33) 4-Chloroaniline	9.56	127	34519	6.04	ng	# 85
34) Hexachlorobutadiene	9.56	225	91733	43.51	ng	95
35) Caprolactam	10.16	113	29471	25.26	ng	91
36) 4-Chloro-3-methylphenol	10.40	107	199481	48.59	ng	91
37) 2-Methylnaphthalene	10.47	142	459018	46.47	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.75	216	177499	42.68	ng	98
40) Hexachlorocyclopentadiene	10.72	237	75667	61.13	ng	97

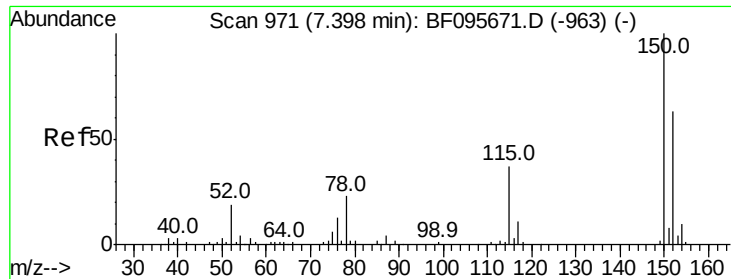
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062217\
 Data File : BF096118.D
 Acq On : 22 Jun 2017 13:03
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 Sample : I3759-03MS
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Quant Time: Jun 22 16:22:32 2017
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	10.99	196	122658	45.87	nq	98
43) 2,4,5-Trichlorophenol	11.10	196	121973	42.89	nq	95
45) 1,1'-Biphenyl	11.24	154	511258	44.64	nq	97
46) 2-Chloronaphthalene	11.25	162	392390	43.85	nq	94
47) 2-Nitroaniline	11.49	65	114199	43.61	nq	# 84
48) Acenaphthylene	11.90	152	608856	39.79	nq	98
49) Dimethylphthalate	11.80	163	485533	46.02	nq	99
50) 2,6-Dinitrotoluene	11.90	165	100483	43.66	nq	# 73
51) Acenaphthene	12.19	154	380748	43.08	nq	99
52) 3-Nitroaniline	12.20	138	26844	10.01	nq	90
53) 2,4-Dinitrophenol	12.40	184	99026	76.32	nq	# 64
54) Dibenzofuran	12.47	168	581211	46.73	nq	98
55) 4-Nitrophenol	12.61	139	101262	65.57	nq	# 81
56) 2,4-Dinitrotoluene	12.57	165	152299	49.00	nq	# 90
57) Fluorene	13.03	166	477512	44.12	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.73	232	90628	46.57	nq	# 95
59) Diethylphthalate	12.94	149	485427	47.81	nq	99
60) 4-Chlorophenyl-phenylether	13.06	204	210132	44.64	nq	88
61) 4-Nitroaniline	13.17	138	58937	23.54	nq	92
62) Azobenzene	13.32	77	442113	48.04	nq	93
64) 4,6-Dinitro-2-methylphenol	13.25	198	72956	43.52	nq	# 80
65) n-Nitrosodiphenylamine	13.27	169	248250	27.09	nq	98
66) 4-Bromophenyl-phenylether	13.83	248	121069	45.67	nq	98
67) Hexachlorobenzene	13.92	284	120562	46.16	nq	# 89
68) Atrazine	14.19	200	41837	16.40	nq	95
69) Pentachlorophenol	14.30	266	67687	69.30	nq	96
70) Phenanthrene	14.57	178	674068	45.80	nq	99
71) Anthracene	14.65	178	692799	45.09	nq	99
72) Carbazole	14.96	167	376299	25.13	nq	97
73) Di-n-butylphthalate	15.55	149	807724	50.71	nq	98
74) Fluoranthene	16.36	202	693927	47.64	nq	98
77) Pyrene	16.66	202	699179	50.52	nq	98
79) Butylbenzylphthalate	17.59	149	325510	53.86	nq	# 86
80) Benzo(a)anthracene	18.26	228	511599	47.44	nq	97
82) Chrysene	18.30	228	499330	46.34	nq	99
83) Bis(2-ethylhexyl)phthalate	18.34	149	473506	55.54	nq	# 99
84) Di-n-octyl phthalate	19.11	149	728920	51.89	nq	96
85) Indeno(1,2,3-cd)pyrene	21.10	276	399708	43.35	nq	99
87) Benzo(b)fluoranthene	19.53	252	381614	60.63	nq	100
88) Benzo(k)fluoranthene	19.56	252	385191	64.02	nq	# 96
89) Benzo(a)pyrene	19.88	252	347909	60.14	nq	99
90) Dibenzo(a,h)anthracene	21.09	278	350519	71.42	nq	96
91) Benzo(g,h,i)perylene	21.41	276	349584	69.87	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 984

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampled :

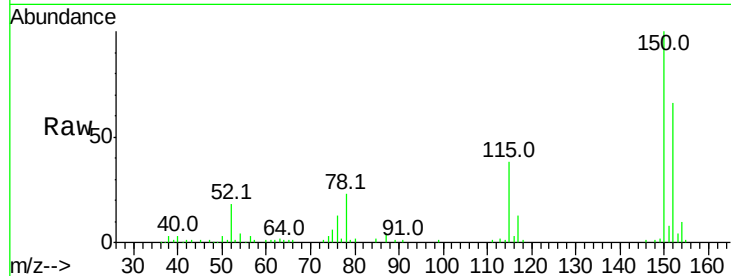
Tot Ion:152 Resp: 70335

Ion Ratio Lower Upper

152 100

150 152.6 126.2 189.2

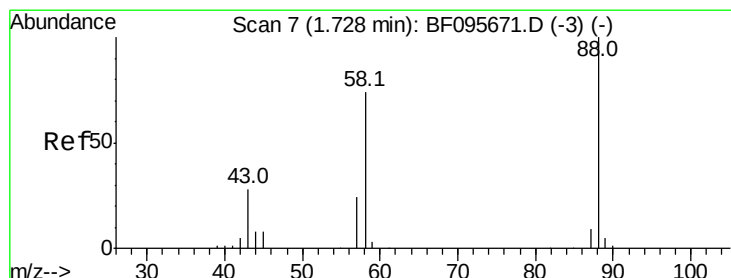
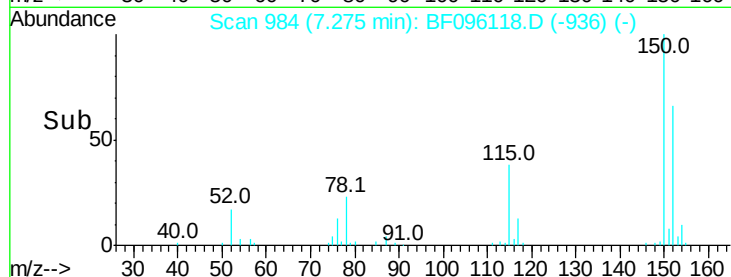
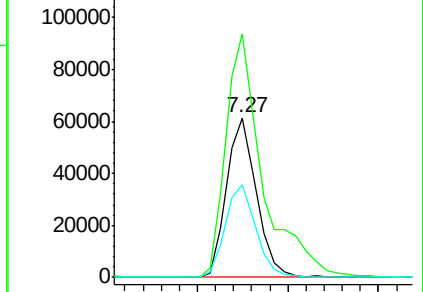
115 58.3 52.2 78.2



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: 7.03 ng

RT: 1.55 min Scan# 10

Delta R.T. -0.06 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

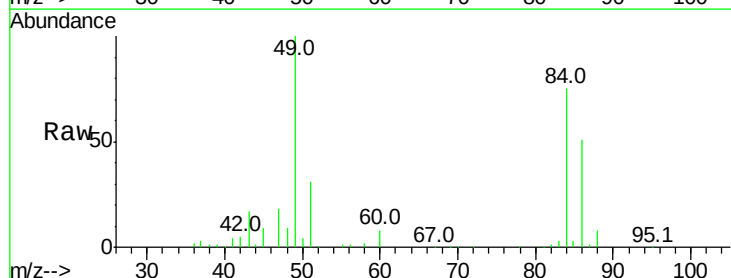
Tgt Ion: 88 Resp: 14762

Ion Ratio Lower Upper

88 100

58 0.0 61.4 92.0#

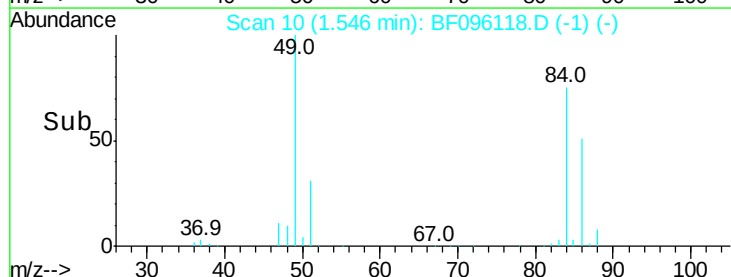
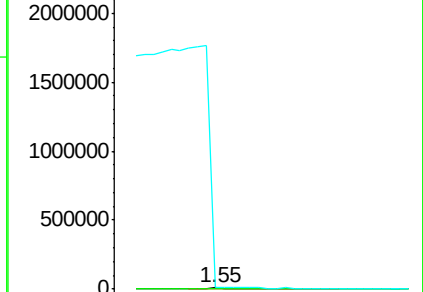
43 0.0 23.4 35.0#

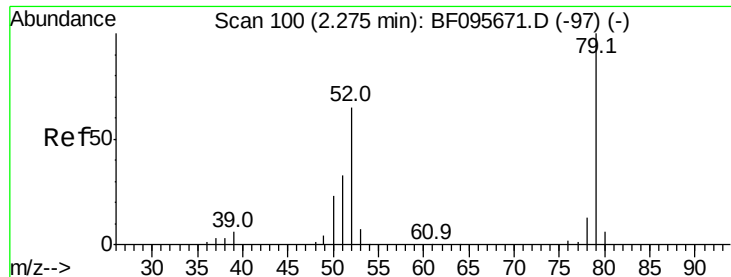


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 20.98 ng

RT: 2.29 min Scan# 137

Delta R.T. 0.16 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampleId :

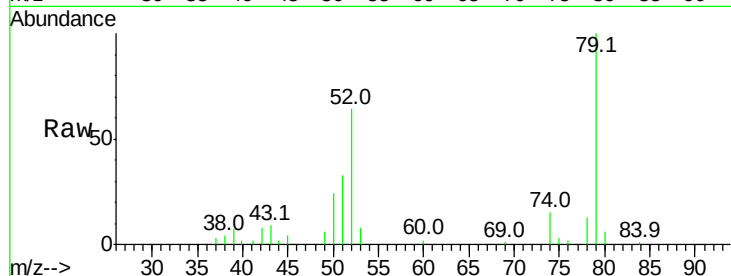
Tot Ion: 79 Resp: 103556

Ion Ratio Lower Upper

79 100

52 64.4 54.8 82.2

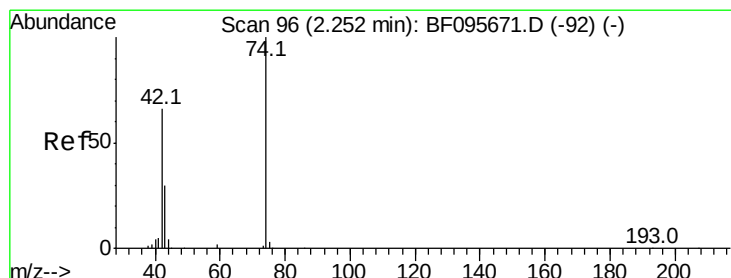
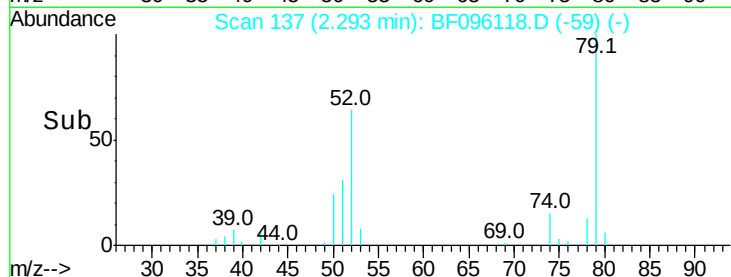
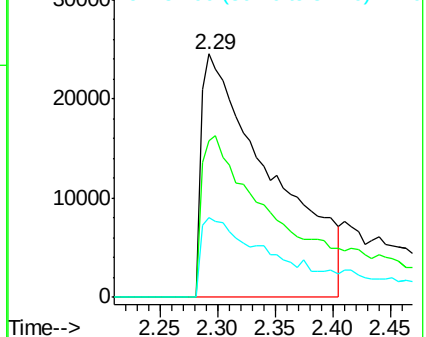
51 33.0 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 45.99 ng

RT: 2.20 min Scan# 121

Delta R.T. 0.08 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

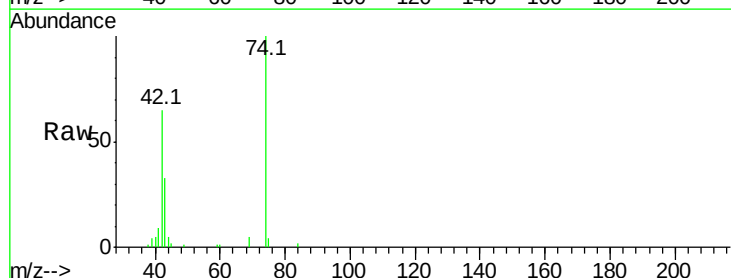
Tgt Ion: 42 Resp: 86294

Ion Ratio Lower Upper

42 100

74 153.4 103.9 155.9

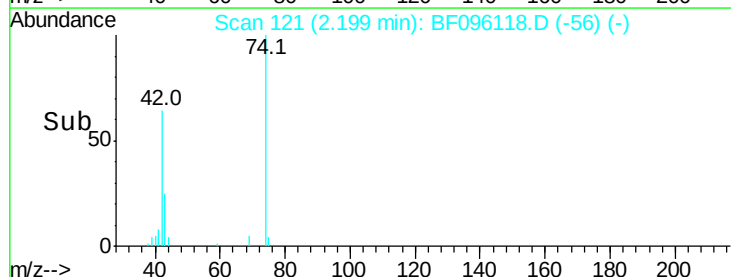
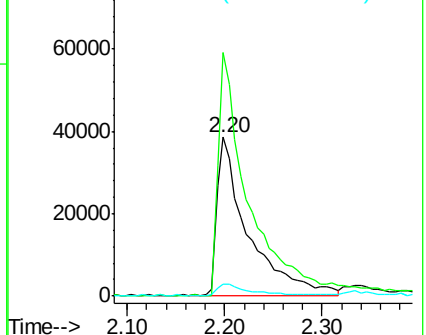
44 7.7 5.7 8.5

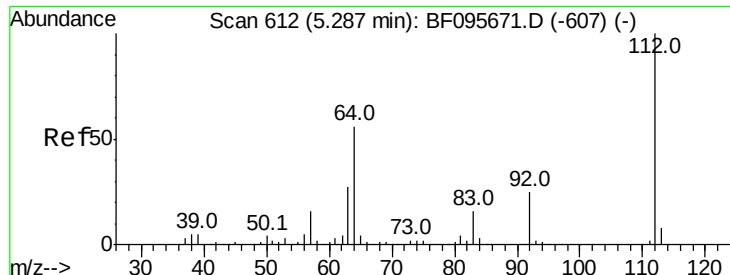


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 134.71 ng

RT: 5.19 min Scan# 629

Delta R.T. 0.01 min

Lab File: BF096118.D

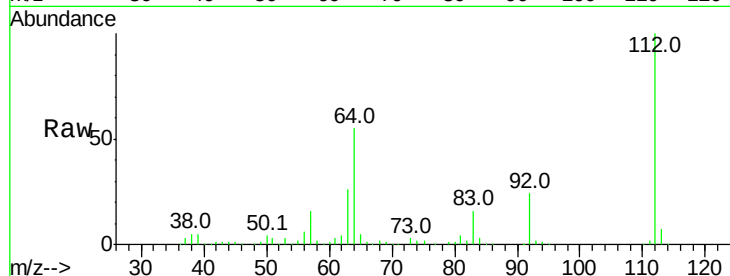
Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampleId :

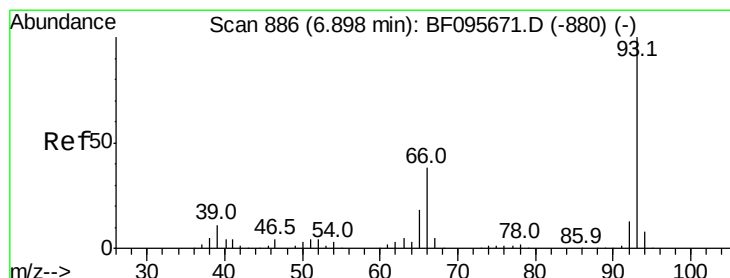
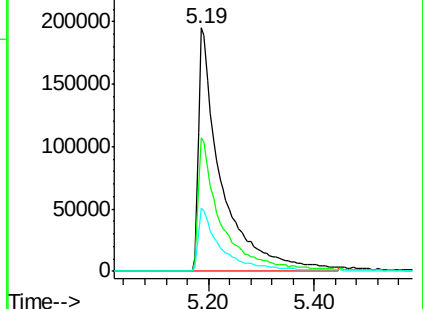
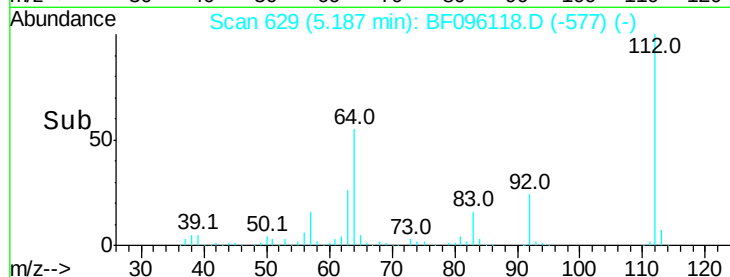
Tot Ion:	112	Resp:	594614
Ion	Ratio	Lower	Upper
112	100		
64	55.1	46.0	69.0
63	26.2	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 4.93 ng

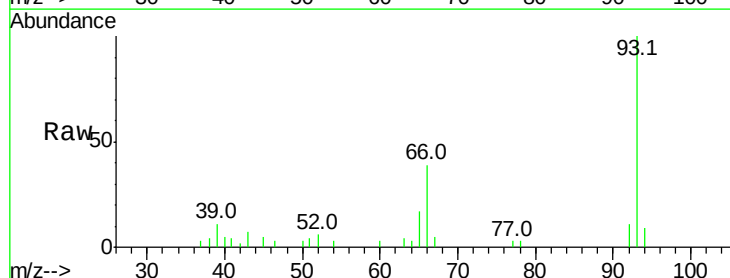
RT: 6.81 min Scan# 905

Delta R.T. 0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

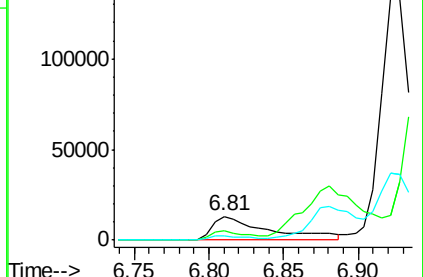
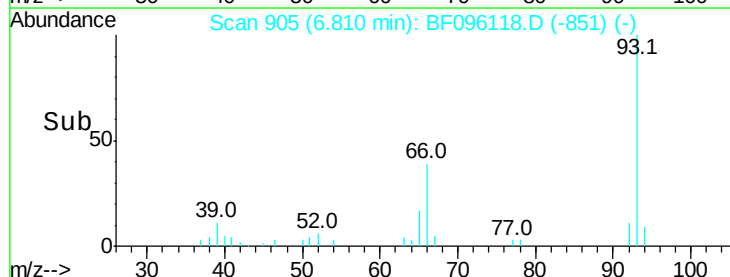
Tgt Ion:	93	Resp:	34082
Ion	Ratio	Lower	Upper
93	100		
66	39.3	32.9	49.3
65	17.4	16.0	24.0

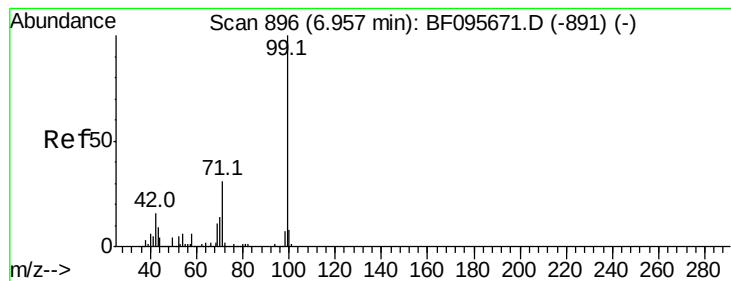


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.63 ng

RT: 6.86 min Scan# 913

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampleId :

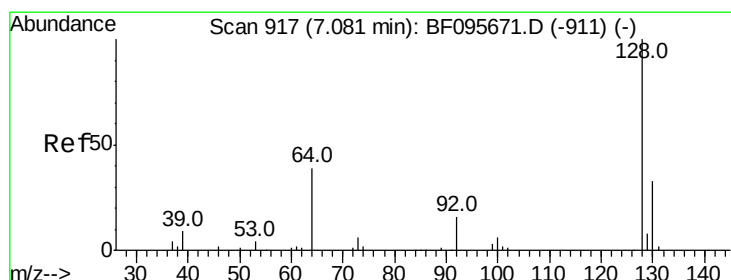
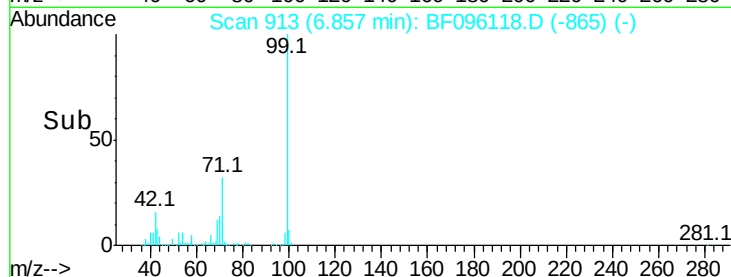
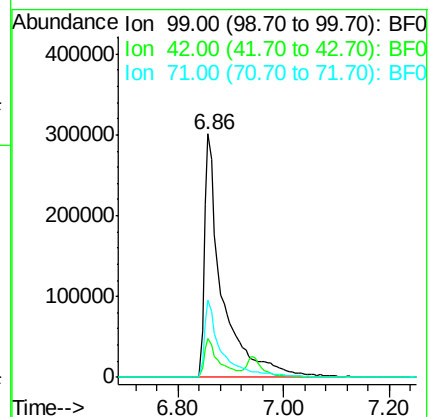
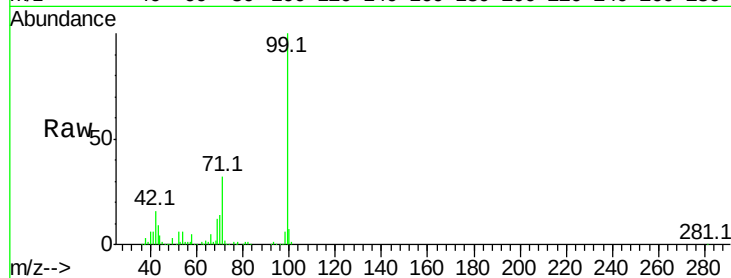
Tot Ion: 99 Resp: 706141

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

71 31.7 24.5 36.7



#8

2-Chlorophenol

Concen: 47.23 ng

RT: 6.97 min Scan# 932

Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

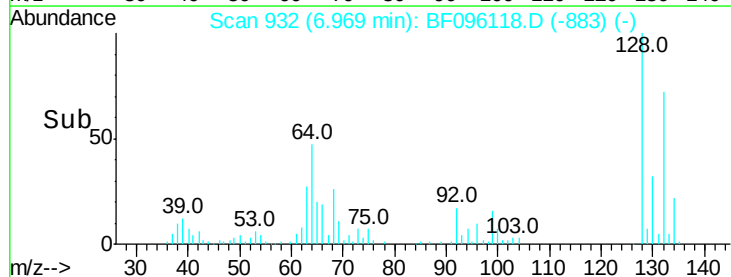
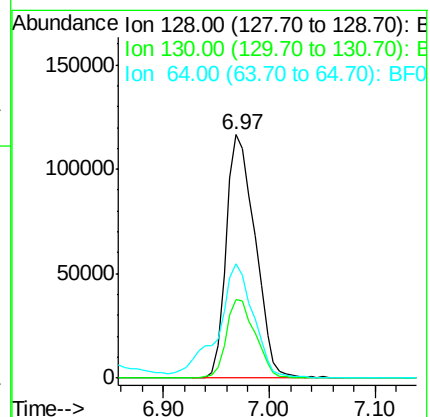
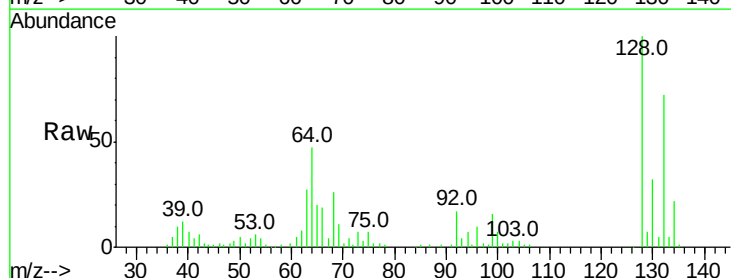
Tgt Ion: 128 Resp: 221641

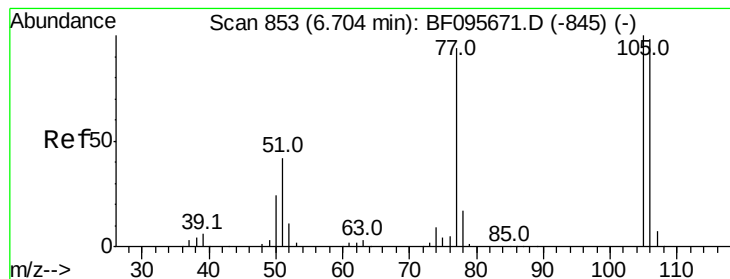
Ion Ratio Lower Upper

128 100

130 32.2 12.9 52.9

64 46.9 28.4 68.4





#9

Benzaldehyde

Concen: 16.98 ng

RT: 6.61 min Scan# 871

Delta R.T. 0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampled :

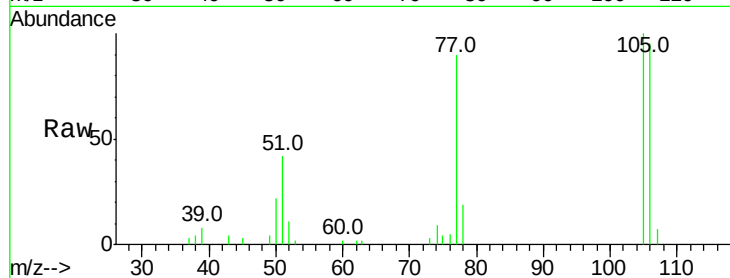
Tot Ion: 77 Resp: 60535

Ion Ratio Lower Upper

77 100

105 111.5 83.8 123.8

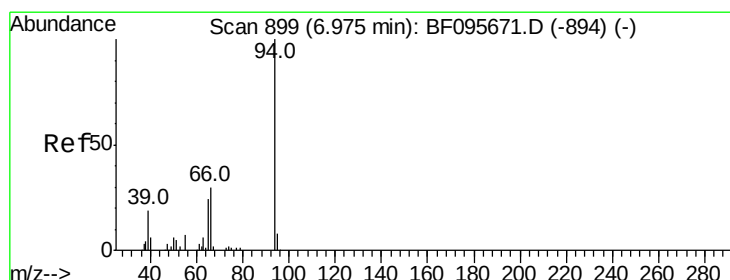
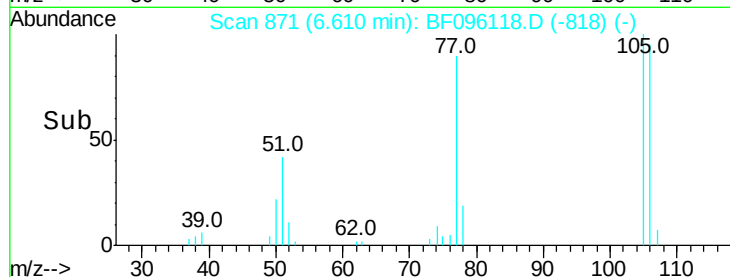
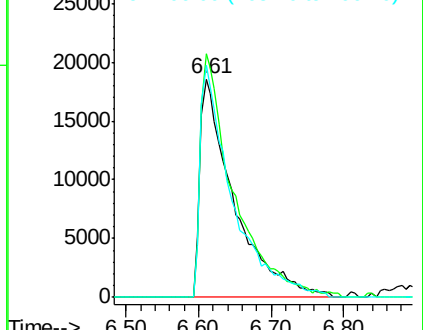
106 106.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.80 ng

RT: 6.88 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

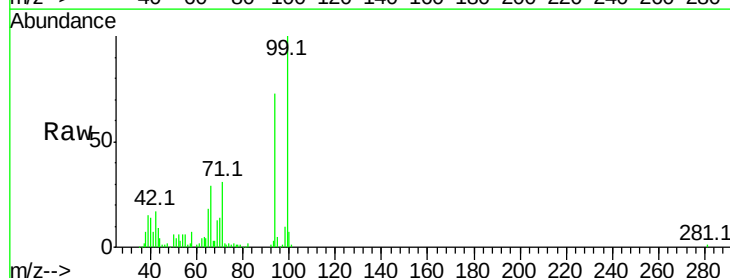
Tgt Ion: 94 Resp: 240075

Ion Ratio Lower Upper

94 100

65 24.9 9.9 49.9

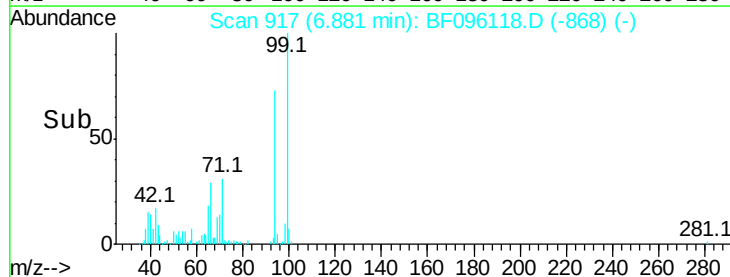
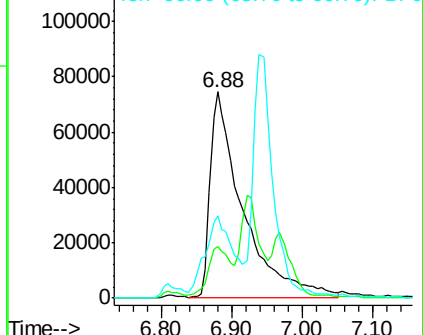
66 39.8 23.1 63.1

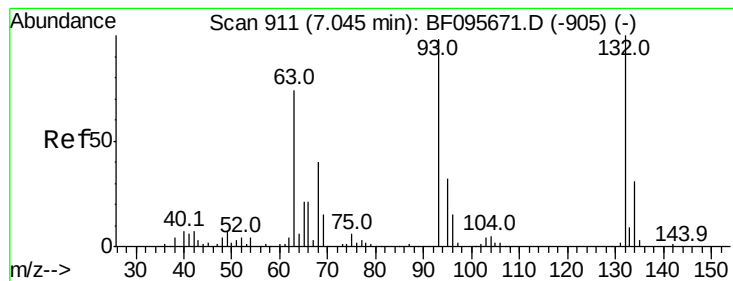


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



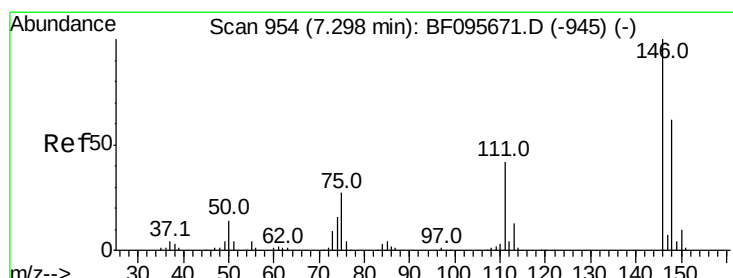
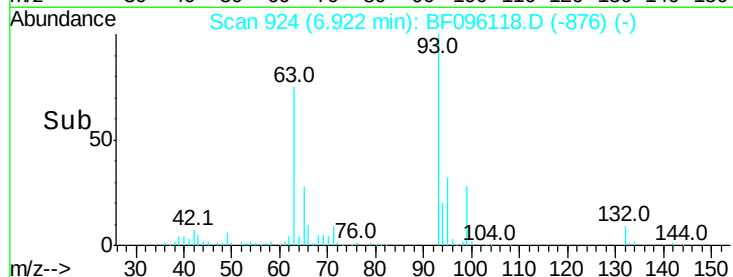
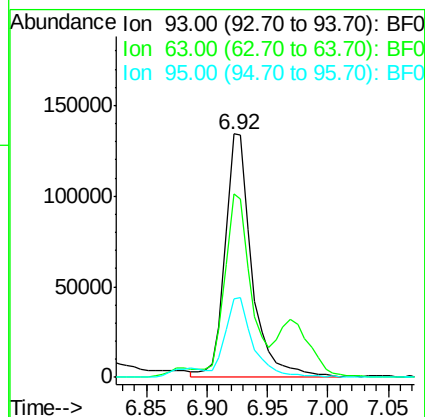
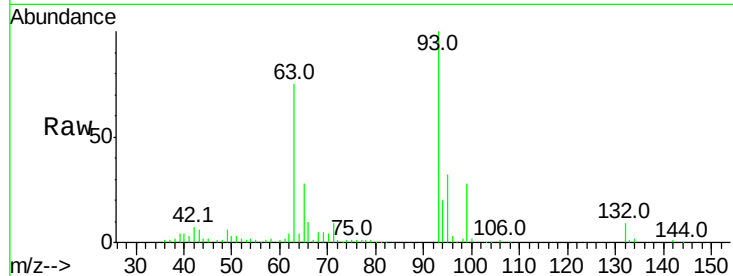


#11
 bis(2-Chloroethyl)ether
 Concen: 47.02 ng
 RT: 6.92 min Scan# 924
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 93 Resp: 204163

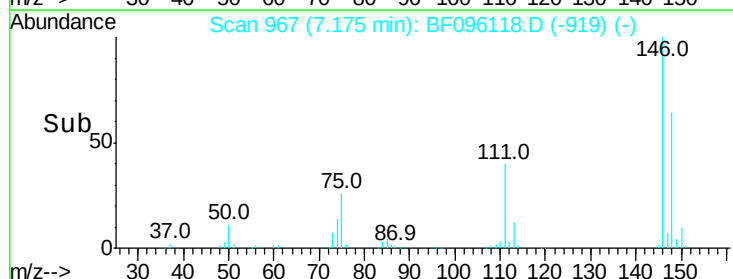
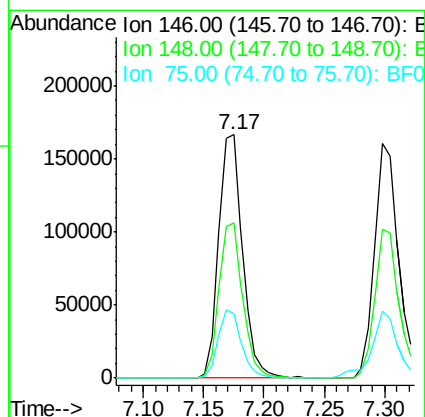
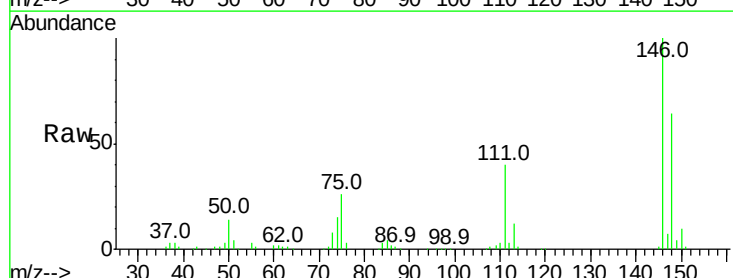
Ion	Ratio	Lower	Upper
93	100		
63	75.2	59.2	99.2
95	32.3	12.8	52.8

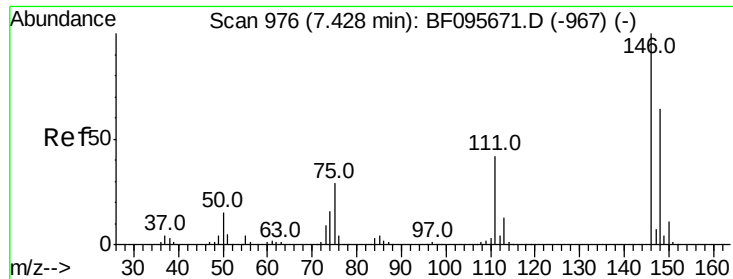


#12
 1,3-Dichlorobenzene
 Concen: 42.77 ng
 RT: 7.17 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion: 146 Resp: 227205

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.8	77.6
75	26.4	23.1	34.7

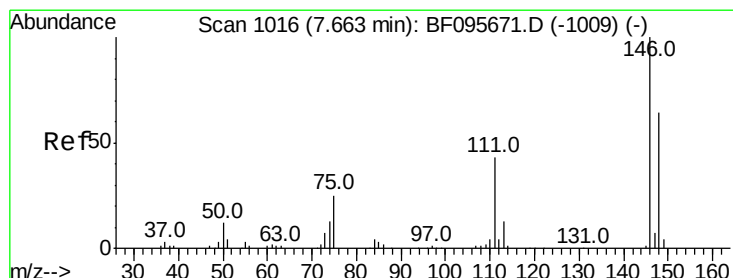
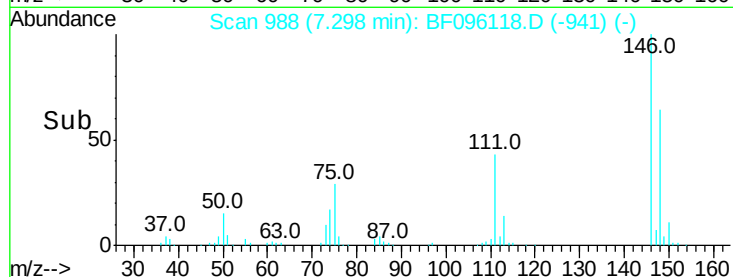
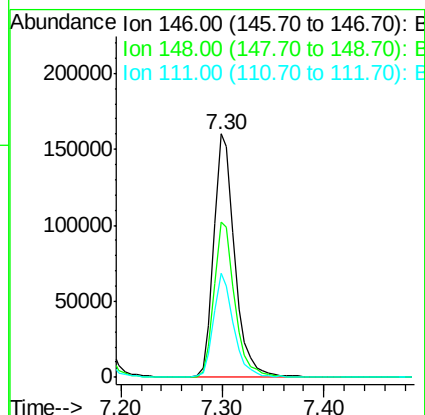
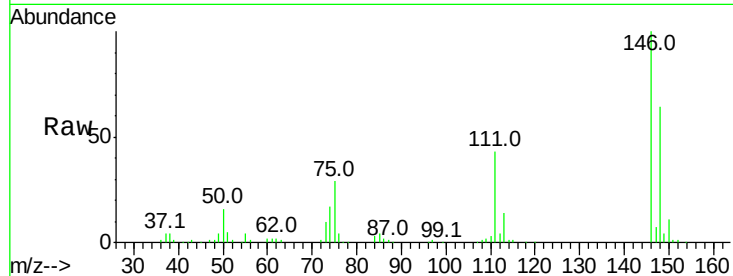




#13
1,4-Dichlorobenzene
Concen: 42.77 ng
RT: 7.30 min Scan# 988
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

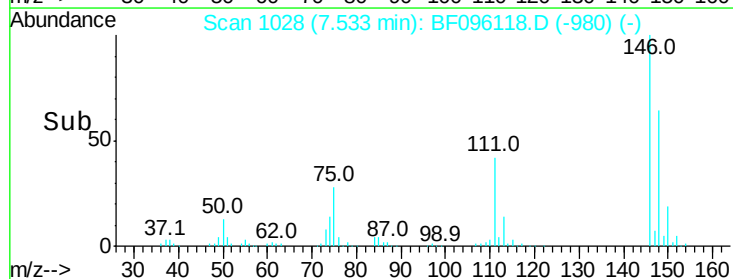
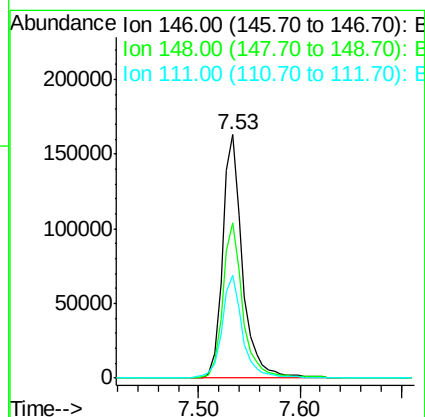
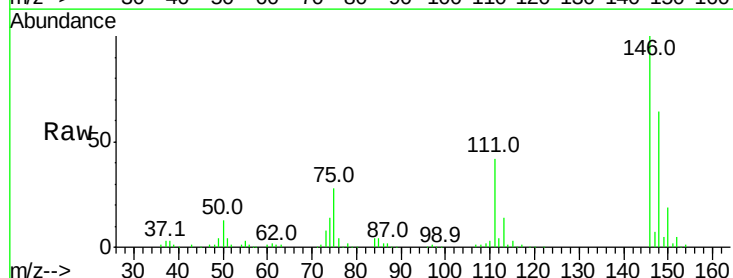
Instrument :
BNA_F
ClientSampleId :

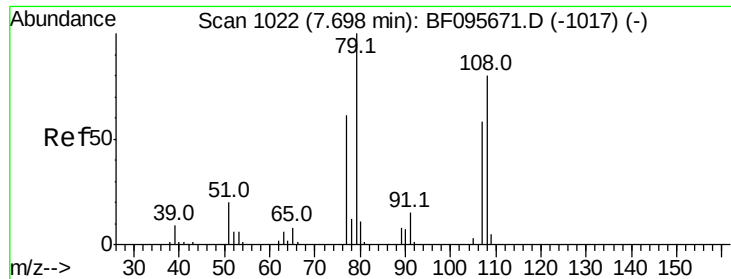
Tot Ion:146 Resp: 230412
Ion Ratio Lower Upper
146 100
148 63.7 52.2 78.2
111 42.6 30.3 45.5



#14
1,2-Dichlorobenzene
Concen: 44.51 ng
RT: 7.53 min Scan# 1028
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion:146 Resp: 221063
Ion Ratio Lower Upper
146 100
148 64.0 50.4 75.6
111 42.3 38.2 57.4

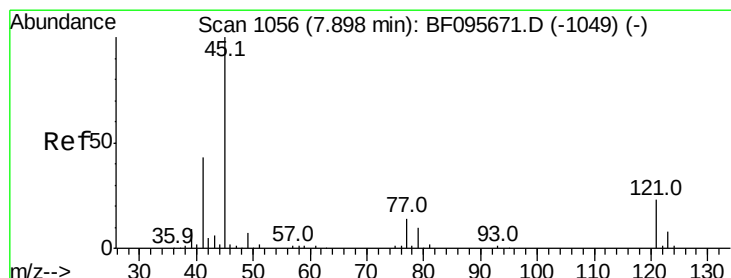
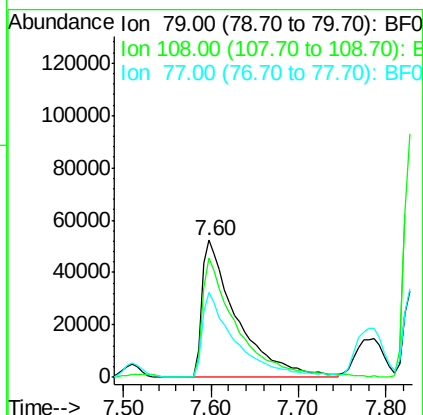
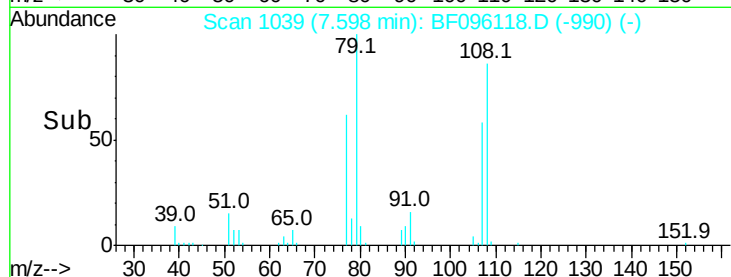
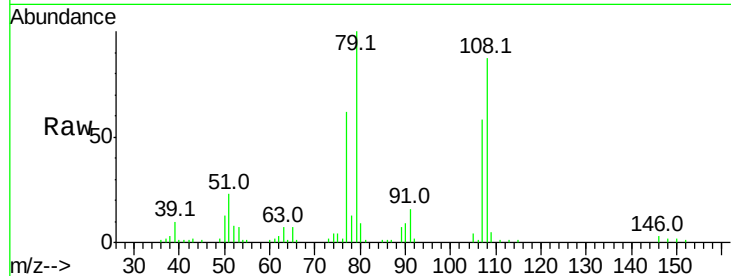




#15
Benzyl Alcohol
Concen: 39.66 ng
RT: 7.60 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

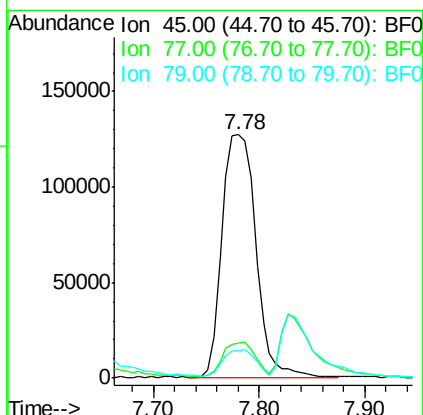
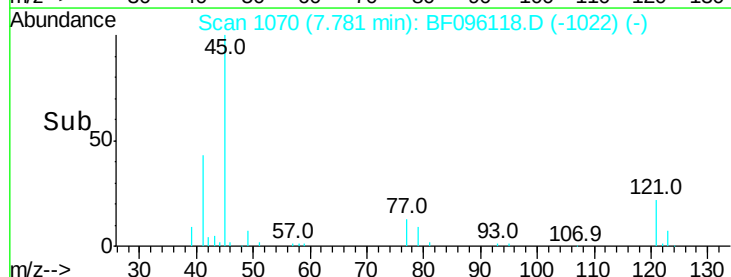
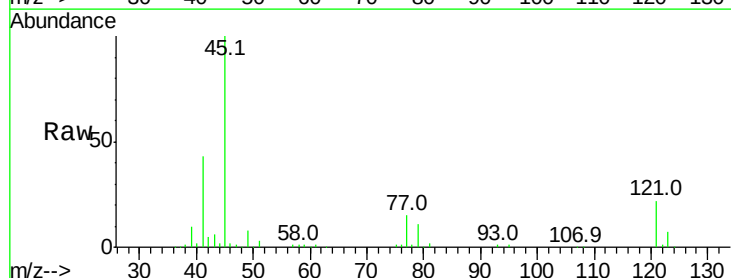
Instrument :
BNA_F
ClientSampleId :

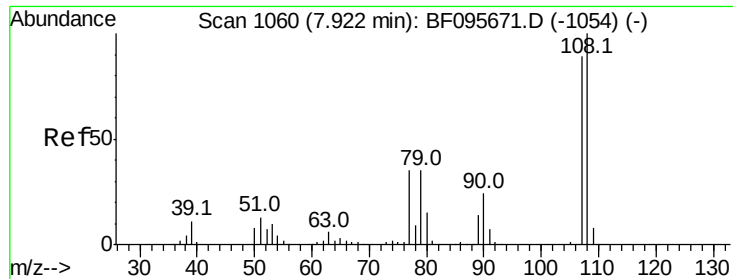
Tot Ion: 79 Resp: 143863
Ion Ratio Lower Upper
79 100
108 87.1 63.4 95.0
77 61.9 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.17 ng
RT: 7.78 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion: 45 Resp: 281690
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.2
79 11.1 0.0 30.0

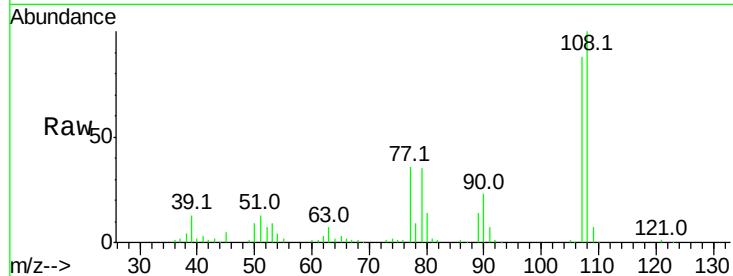




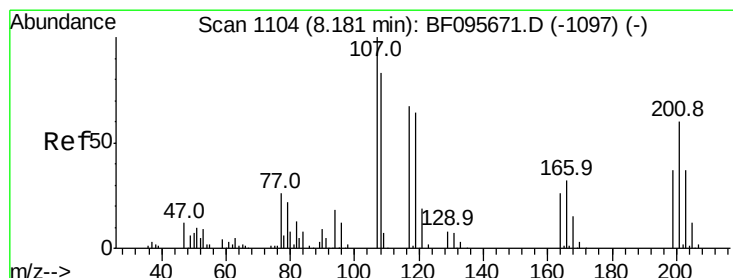
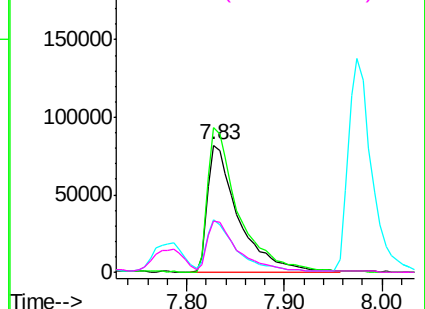
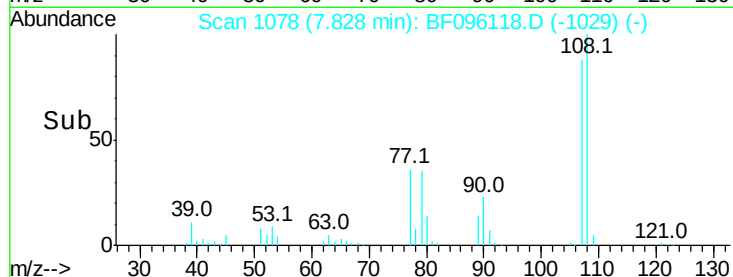
#17
2-Methylphenol
Concen: 46.09 ng
RT: 7.83 min Scan# 1078
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	181513
Ion	Ratio	Lower	Upper
107	100		
108	113.5	93.4	140.0
77	41.3	35.8	53.6
79	40.0	34.8	52.2

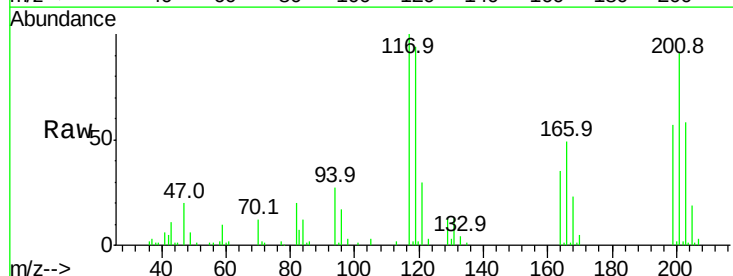


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

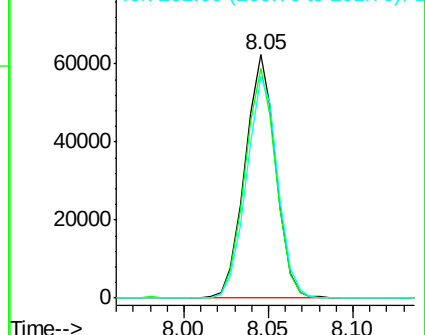
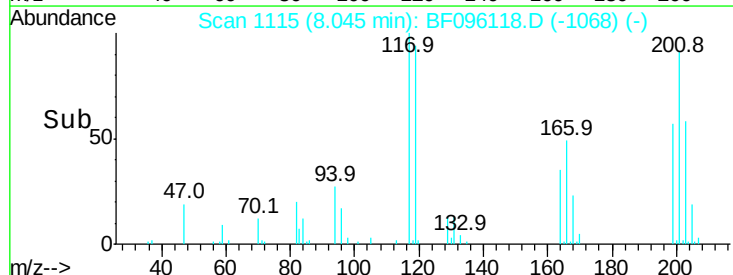


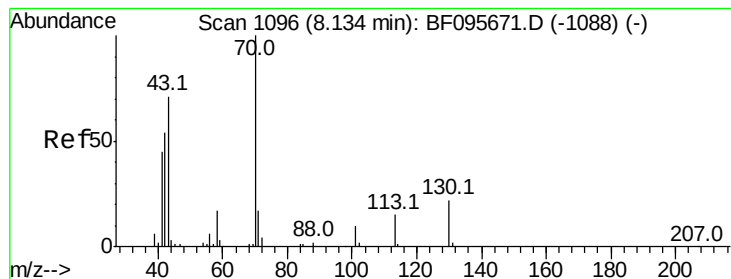
#18
Hexachloroethane
Concen: 44.45 ng
RT: 8.05 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion:	117	Resp:	79085
Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.4	116.0
201	91.3	94.6	141.8#



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: 46.63 ng

RT: 8.02 min Scan# 1110

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 156163

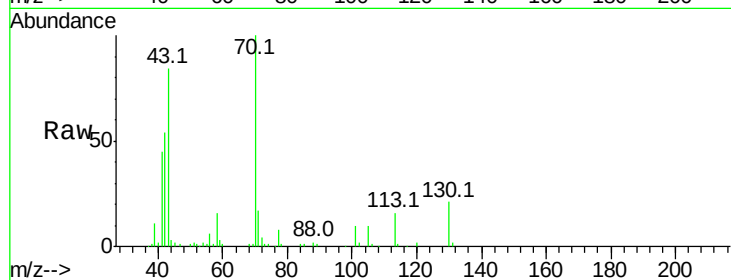
Ion Ratio Lower Upper

70 100

42 53.9 47.2 70.8

101 9.9 7.2 10.8

130 20.5 15.9 23.9

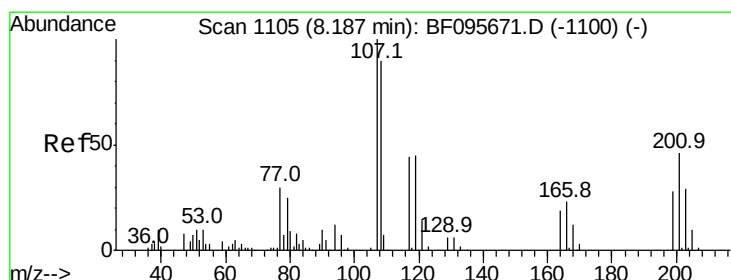
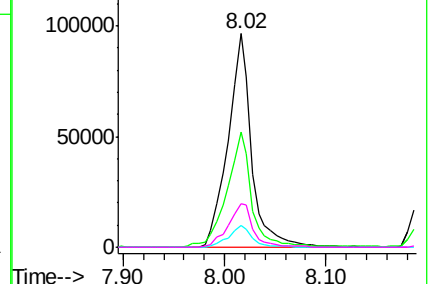
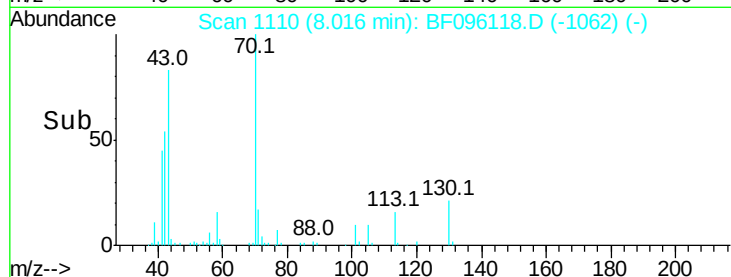


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 48.46 ng

RT: 8.11 min Scan# 1126

Delta R.T. 0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Tgt Ion:107 Resp: 242298

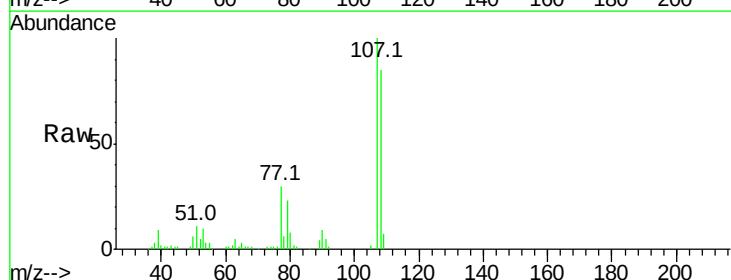
Ion Ratio Lower Upper

107 100

108 84.5 71.0 111.0

77 30.4 90.5 130.5#

79 23.2 8.4 48.4

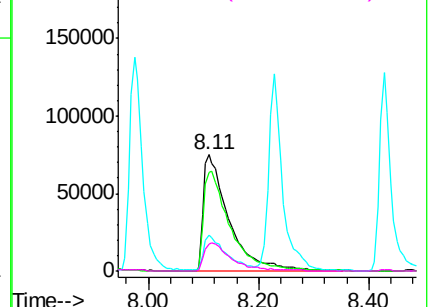
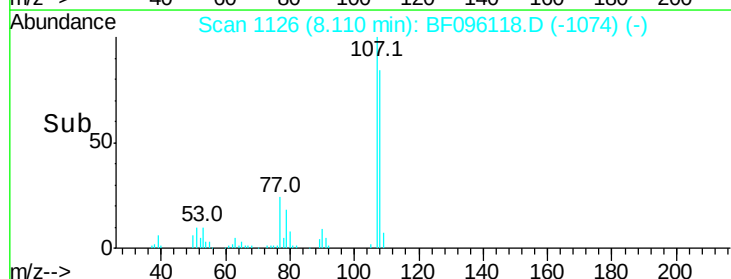


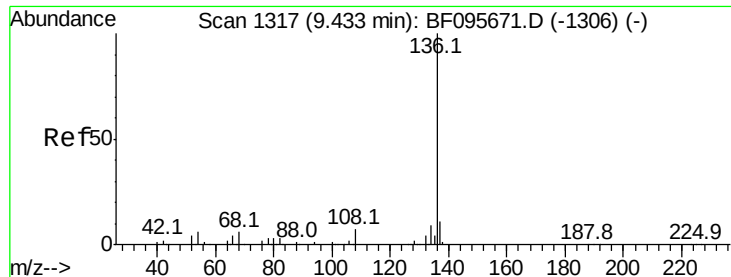
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.30 min Scan# 1329

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 291302

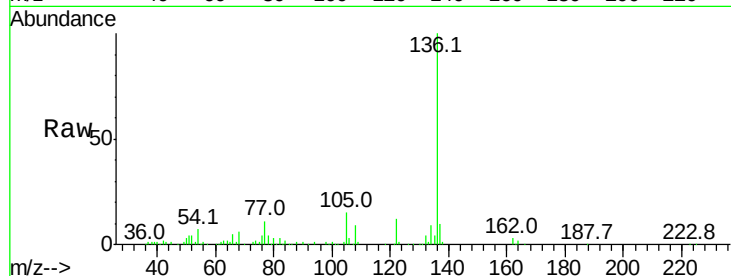
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 7.1 4.9 7.3

68 5.7 4.1 6.1

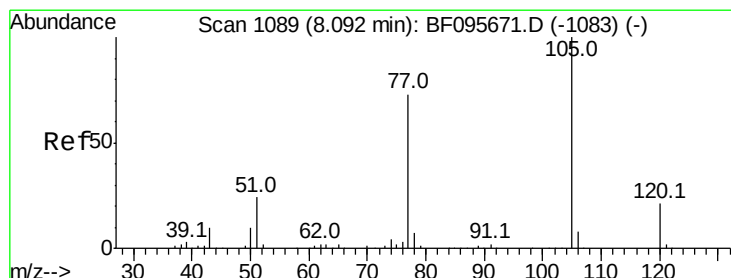
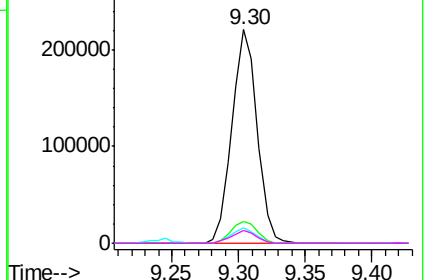
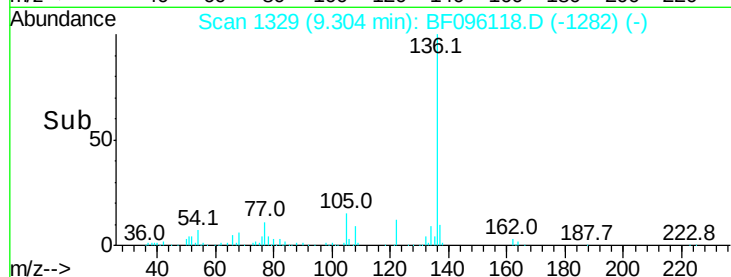


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.93 ng

RT: 7.97 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Tgt Ion:105 Resp: 319993

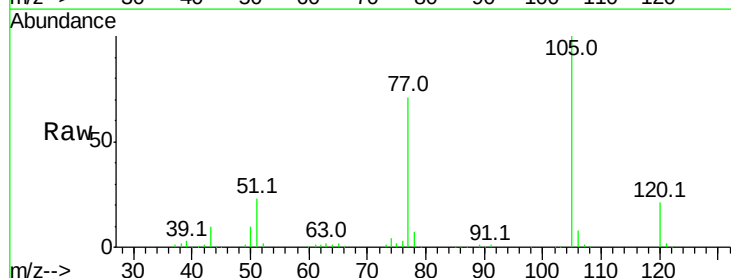
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.0 30.7 46.1#

120 21.0 17.4 26.0

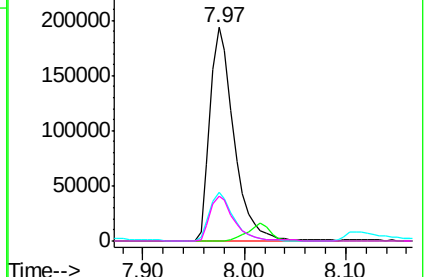
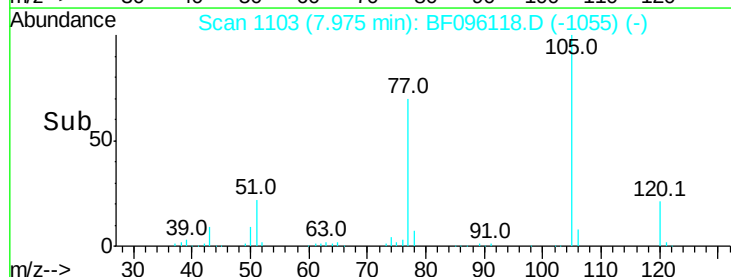


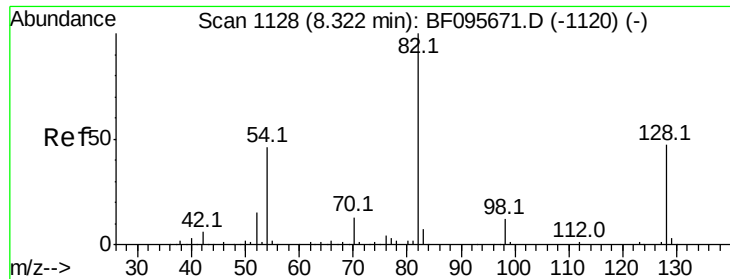
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

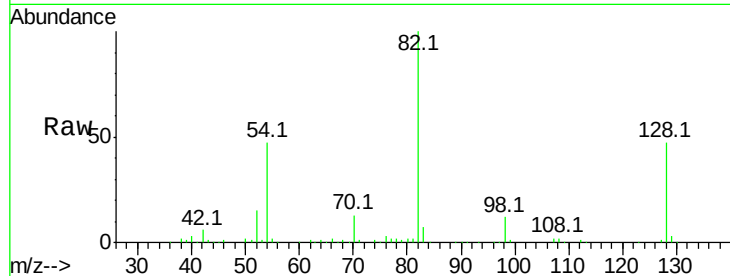




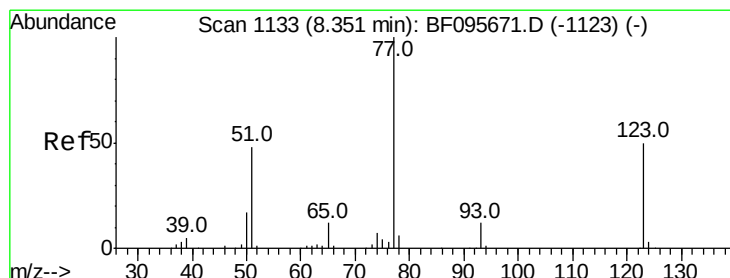
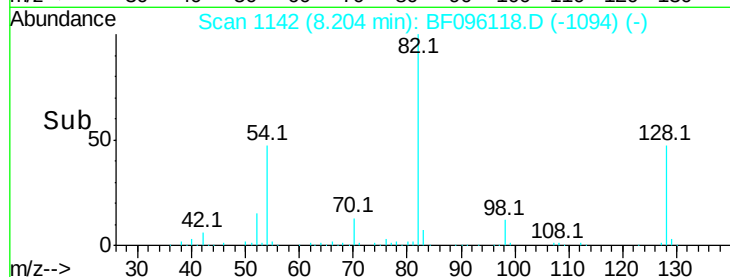
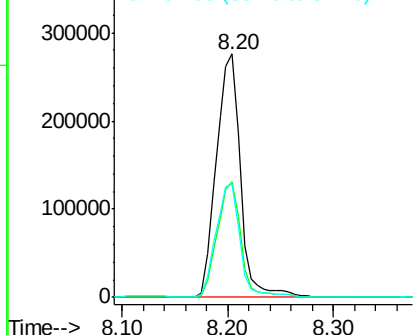
#23
 Nitrobenzene-d5
 Concen: 94.62 ng
 RT: 8.20 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 443812
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.0 51.0
 54 46.7 42.2 63.2

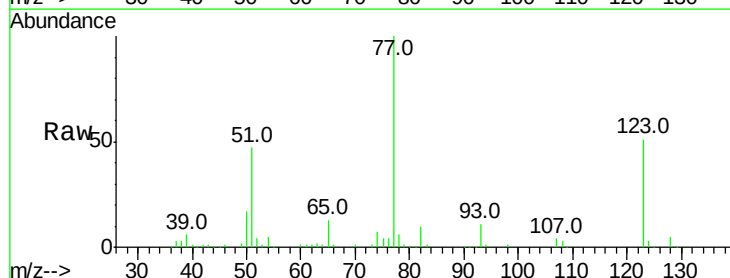


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

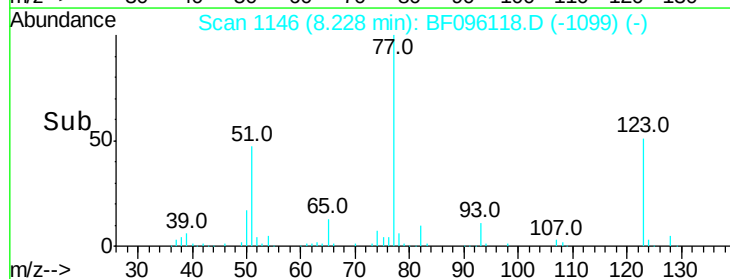
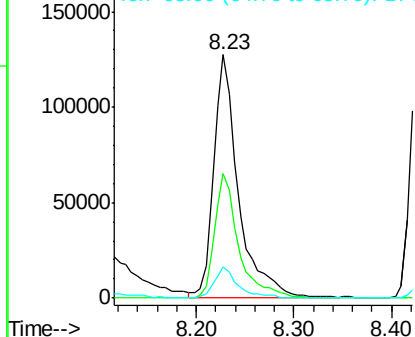


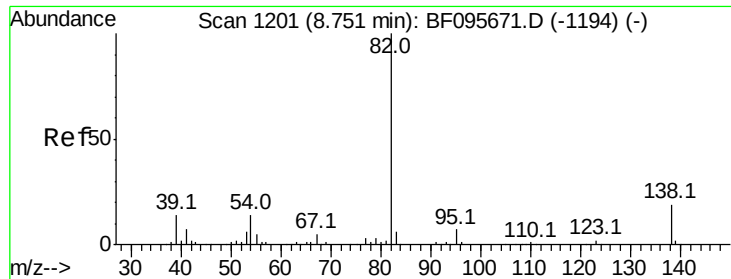
#24
 Nitrobenzene
 Concen: 44.29 ng
 RT: 8.23 min Scan# 1146
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion: 77 Resp: 221898
 Ion Ratio Lower Upper
 77 100
 123 51.0 35.8 53.8
 65 12.8 10.6 15.8



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 123.00 (122.70 to 123.70): B
 Ion 65.00 (64.70 to 65.70): BF0





#25

Isophorone

Concen: 45.82 ng

RT: 8.63 min Scan# 1215

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampleId :

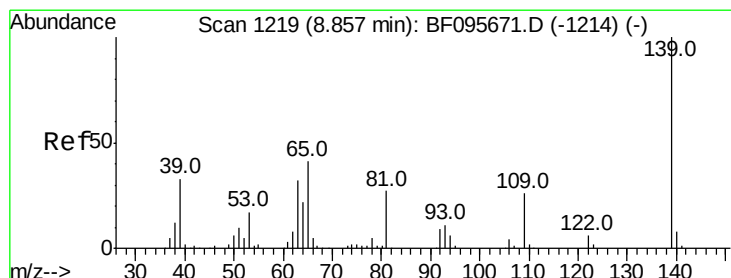
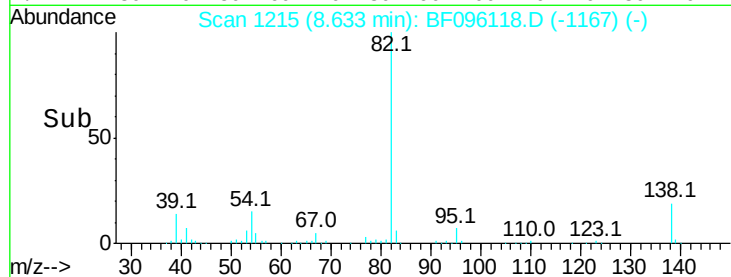
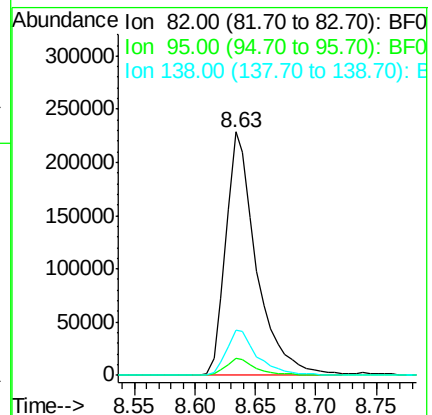
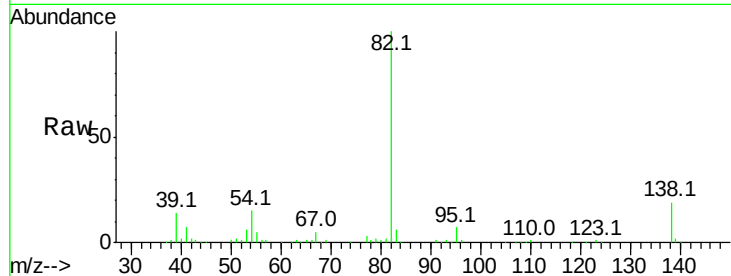
Tot Ion: 82 Resp: 401292

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.5 13.1 19.7



#26

2-Nitrophenol

Concen: 46.67 ng

RT: 8.74 min Scan# 1233

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

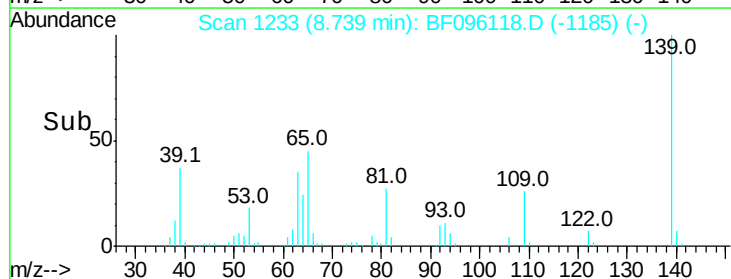
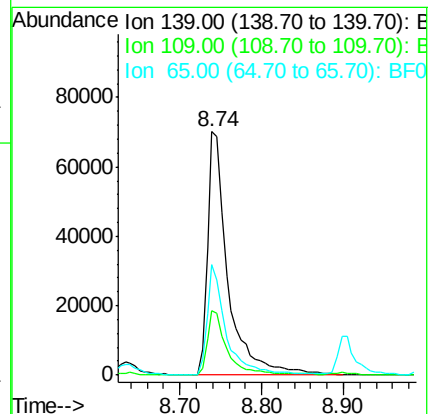
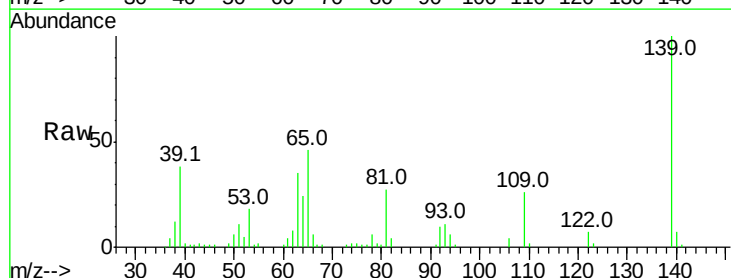
Tgt Ion:139 Resp: 122445

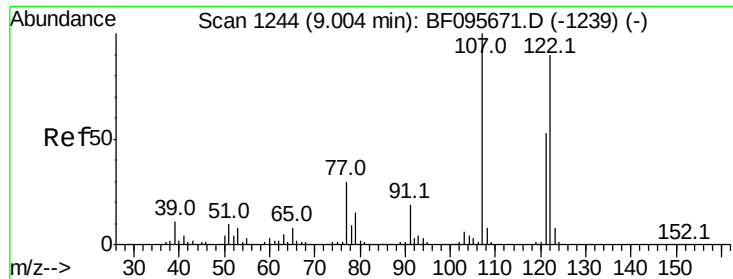
Ion Ratio Lower Upper

139 100

109 26.2 21.0 31.6

65 45.6 33.0 49.6

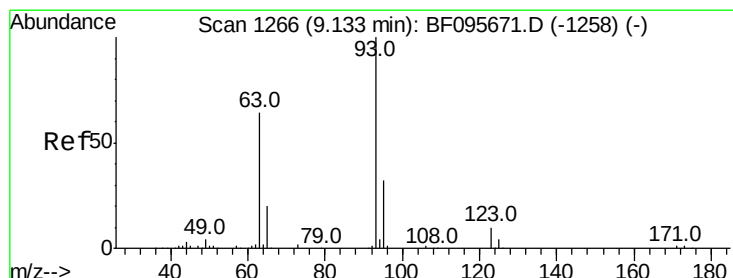
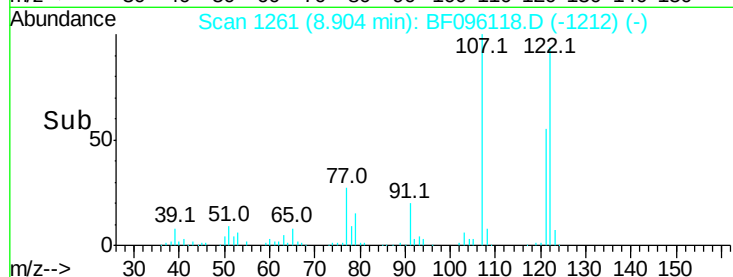
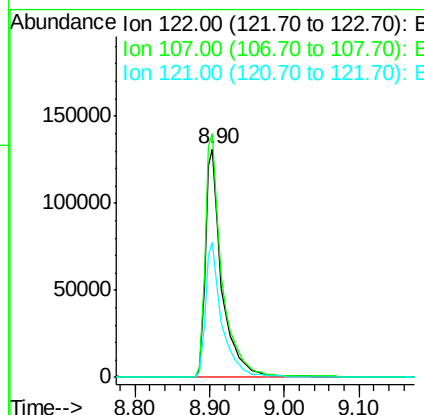
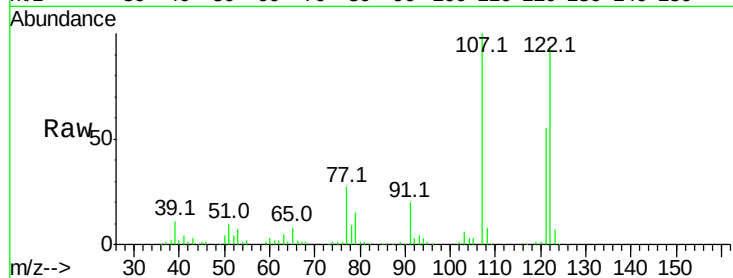




#27
 2,4-Dimethylphenol
 Concen: 49.67 ng
 RT: 8.90 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

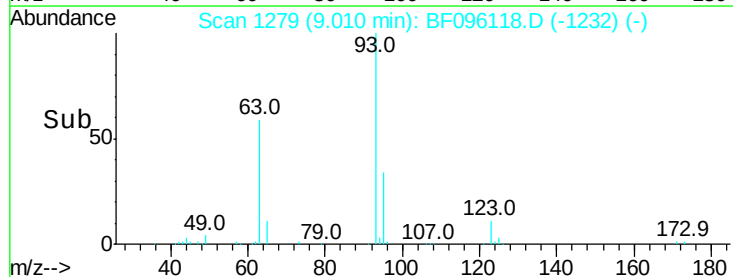
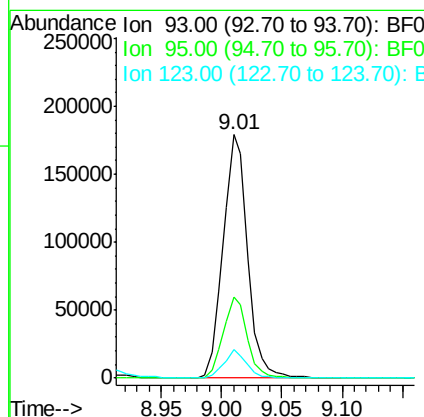
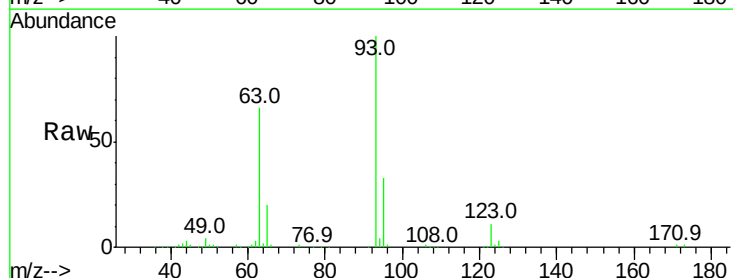
Instrument :
 BNA_F
 ClientSampleId :

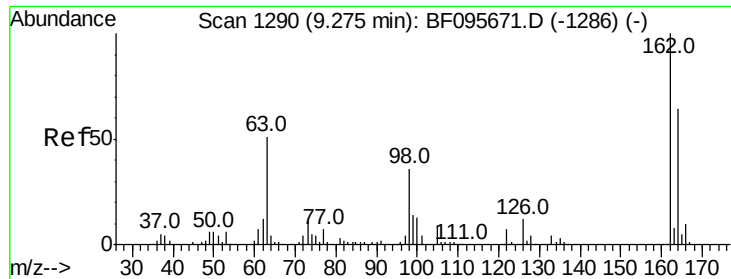
Tot Ion	Ratio	Lower	Upper
122	100		
107	106.4	89.2	133.8
121	58.9	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.30 ng
 RT: 9.01 min Scan# 1279
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.5	26.5	39.7
123	11.5	9.0	13.4

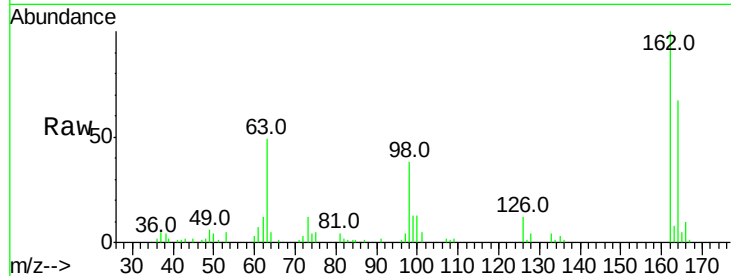




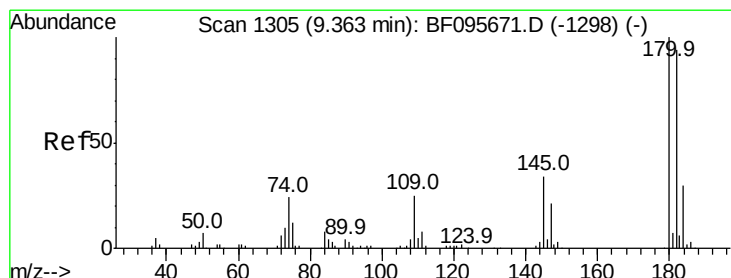
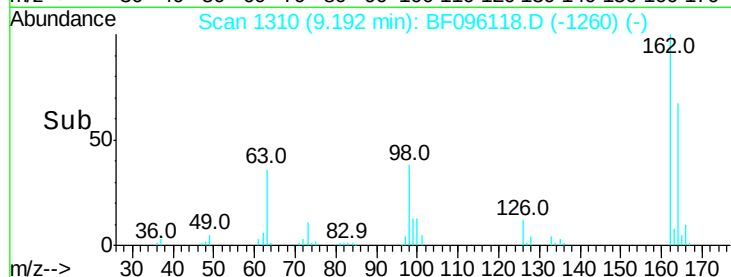
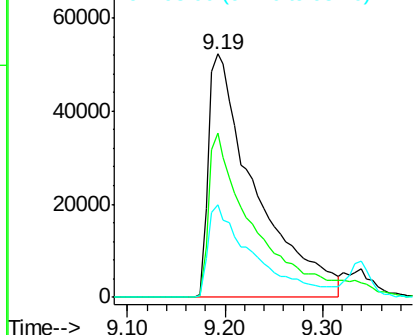
#29
 2,4-Dichlorophenol
 Concen: 44.66 ng
 RT: 9.19 min Scan# 1310
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.5	44.6	84.6
98	38.0	14.8	54.8

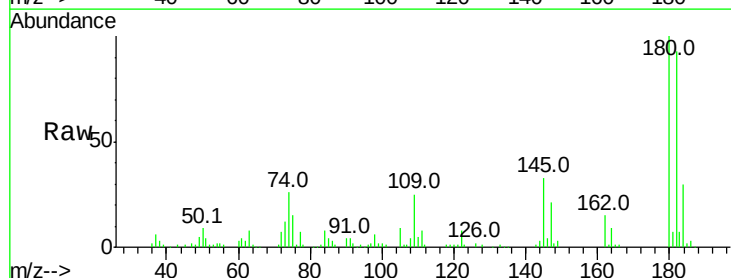


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): E

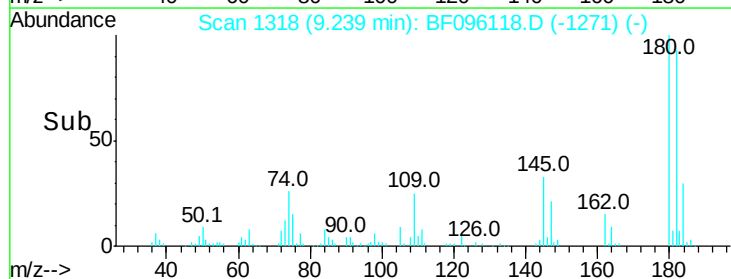
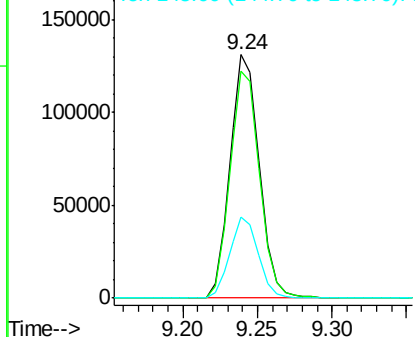


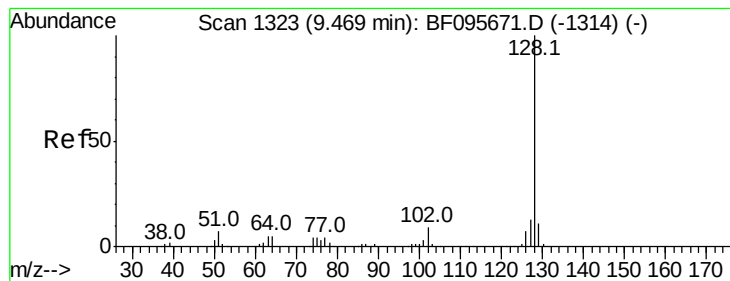
#30
 1,2,4-Trichlorobenzene
 Concen: 44.11 ng
 RT: 9.24 min Scan# 1318
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	75.8	113.6
145	33.1	25.3	37.9



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: 44.89 ng

RT: 9.34 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampleId :

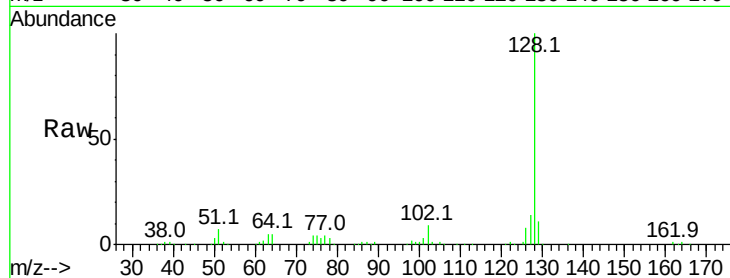
Tot Ion:128 Resp: 656290

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

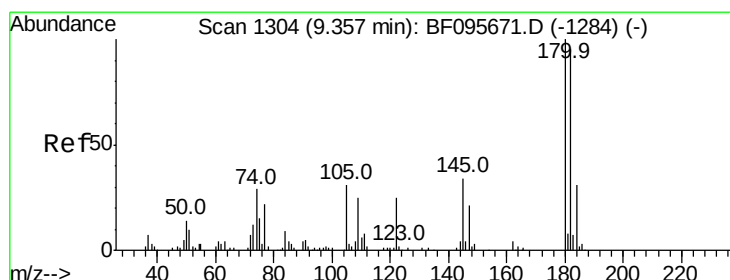
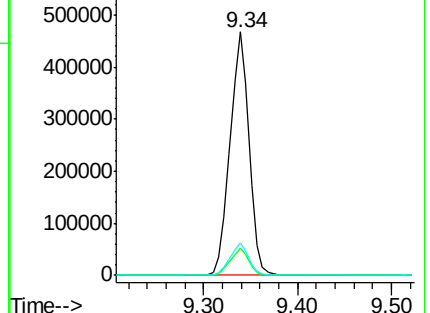
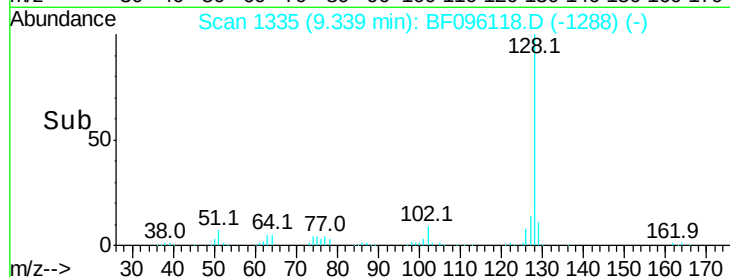
127 13.5 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 43.18 ng

RT: 9.30 min Scan# 1328

Delta R.T. 0.00 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

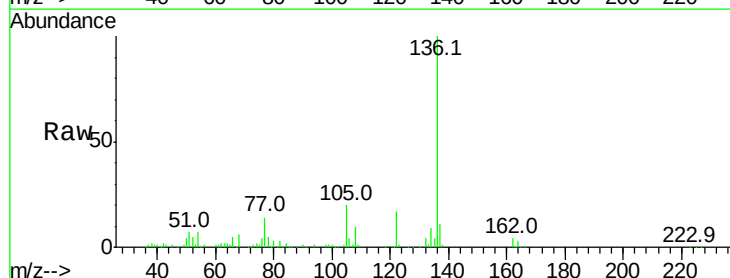
Tgt Ion:122 Resp: 108405

Ion Ratio Lower Upper

122 100

105 118.5 103.3 143.3

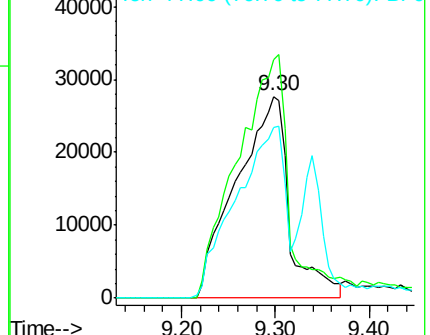
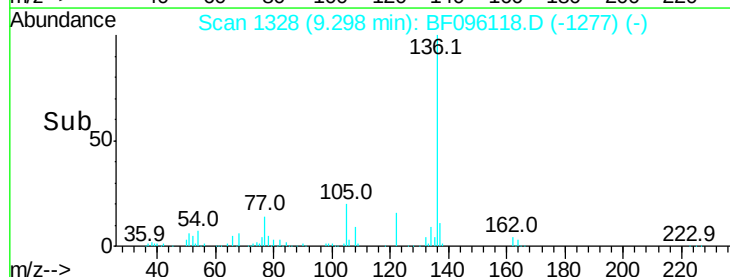
77 84.7 73.7 113.7

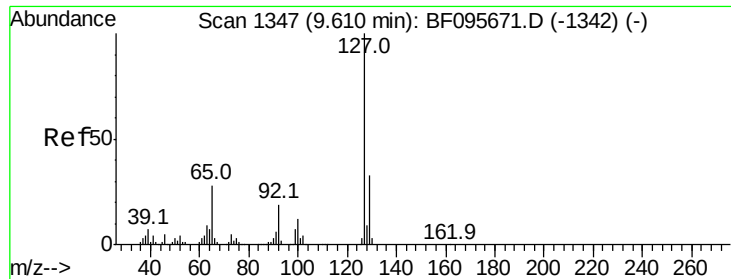


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

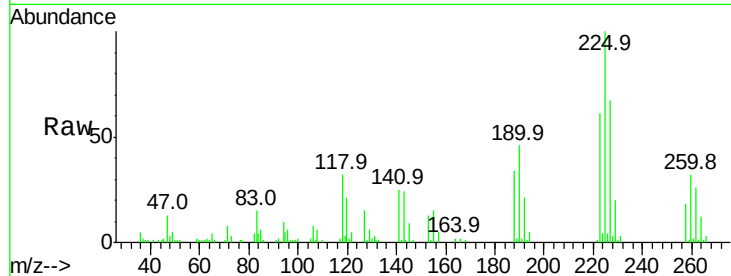




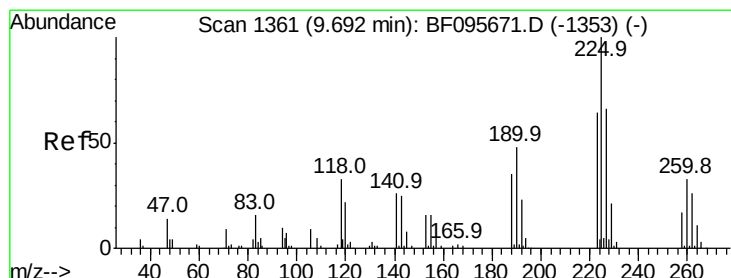
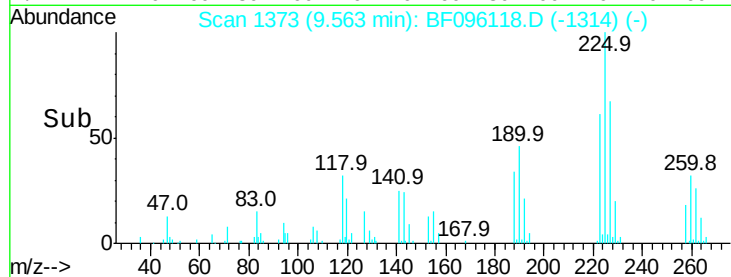
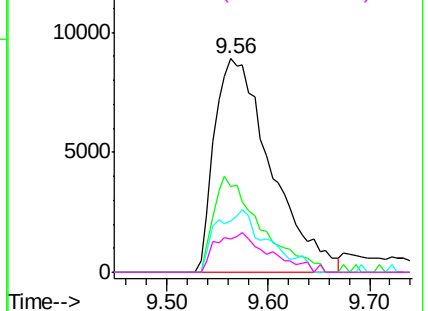
#33
4-Chloroaniline
Concen: 6.04 ng
RT: 9.56 min Scan# 1373
Delta R.T. 0.05 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:127	Resp:	34519
Ion Ratio	Lower	Upper
127	100	
129	40.2	26.2 39.2#
65	23.7	27.8 41.8#
92	15.4	16.8 25.2#

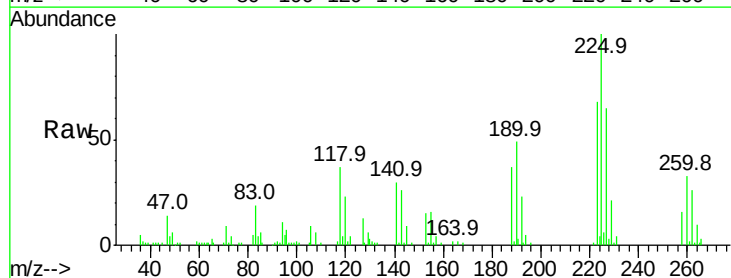


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

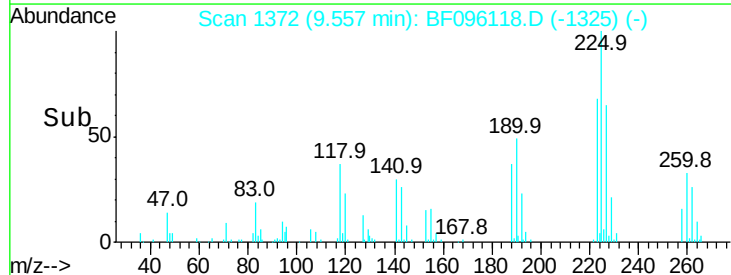
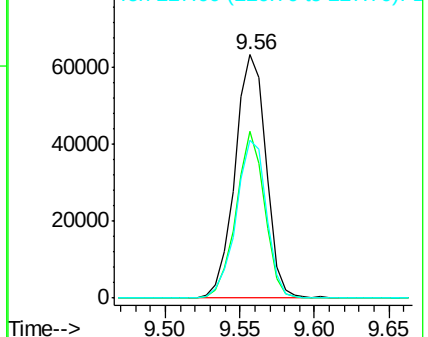


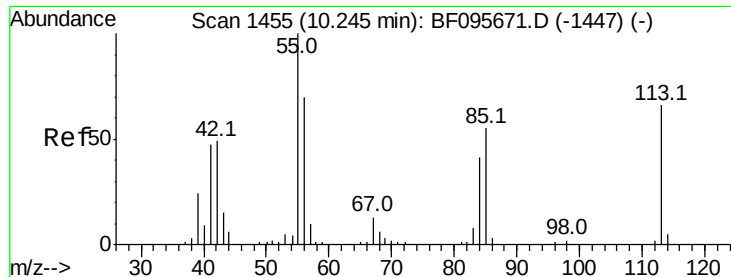
#34
Hexachlorobutadiene
Concen: 43.51 ng
RT: 9.56 min Scan# 1372
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion:225	Resp:	91733
Ion Ratio	Lower	Upper
225	100	
223	68.3	48.8 73.2
227	64.7	51.1 76.7



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

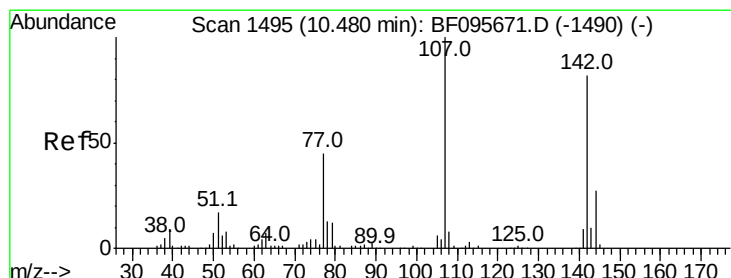
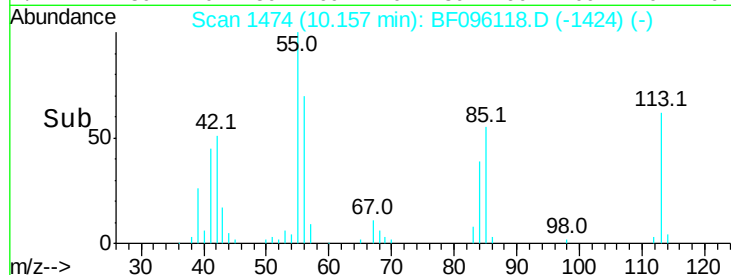
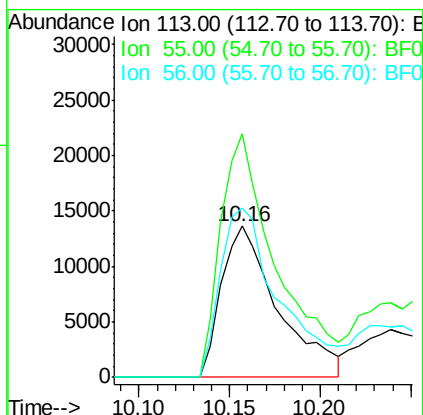
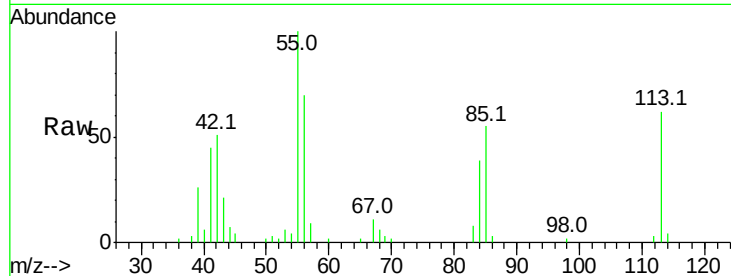




#35
 Caprolactam
 Concen: 25.26 ng
 RT: 10.16 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

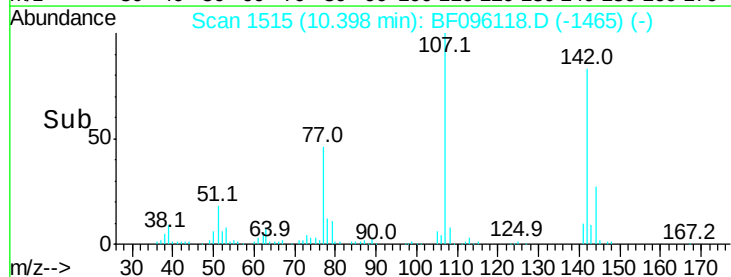
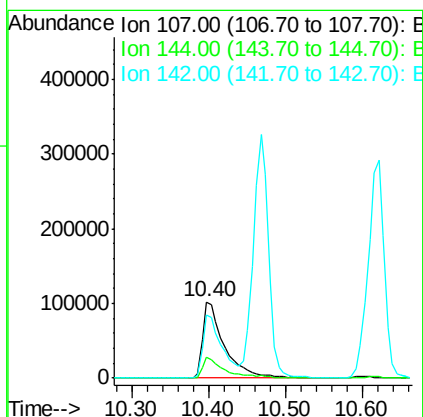
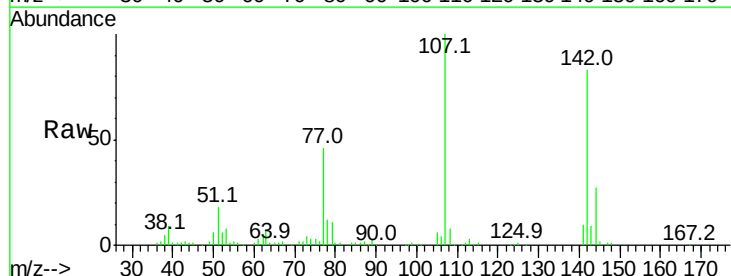
Instrument :
 BNA_F
 ClientSampled :

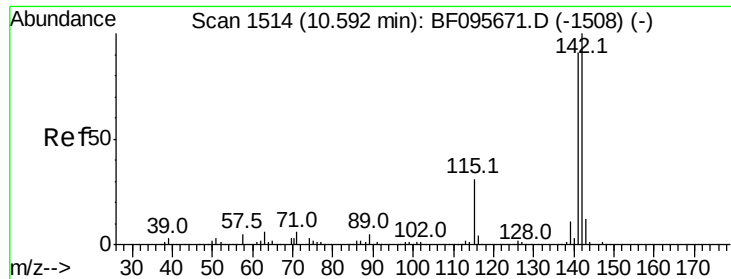
Tot Ion:113 Resp: 29471
 Ion Ratio Lower Upper
 113 100
 55 161.4 150.2 190.2
 56 112.4 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 48.59 ng
 RT: 10.40 min Scan# 1515
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion:107 Resp: 199481
 Ion Ratio Lower Upper
 107 100
 144 27.1 24.2 36.4
 142 82.7 73.4 110.0

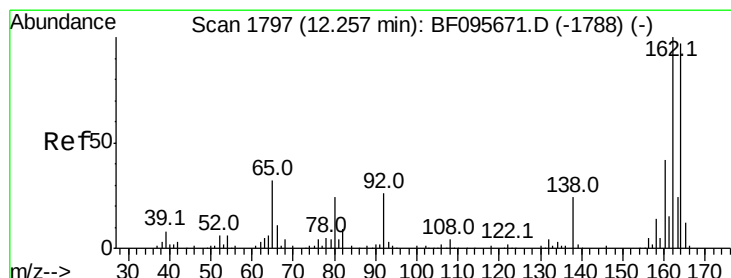
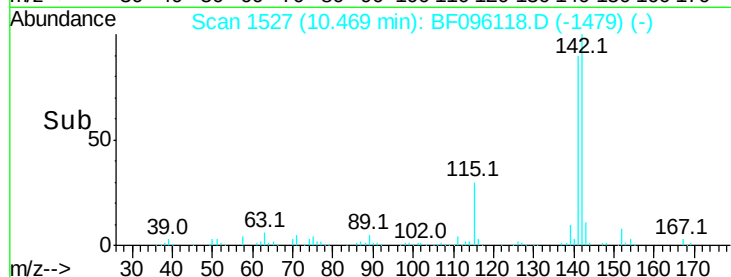
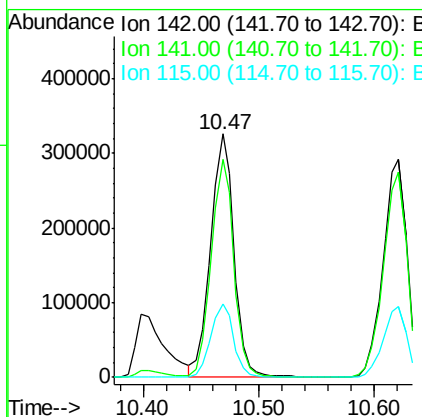
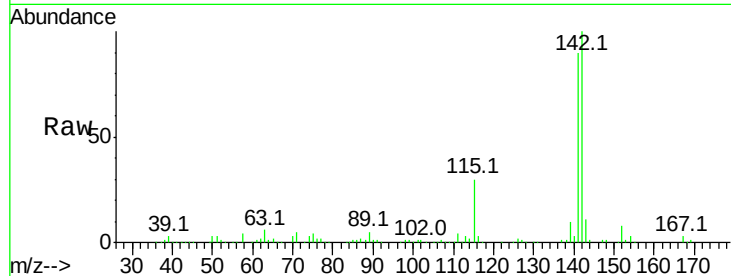




#37
2-Methylnaphthalene
Concen: 46.47 ng
RT: 10.47 min Scan# 1527
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

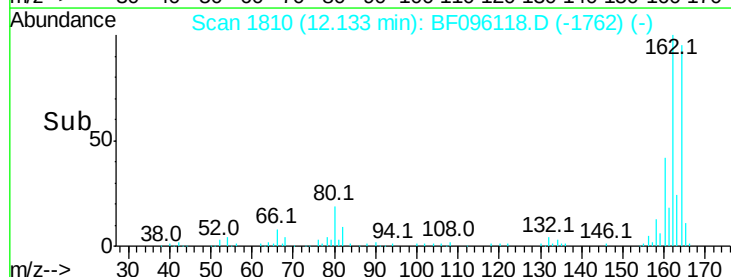
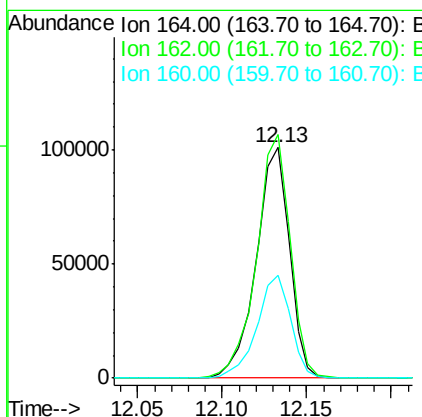
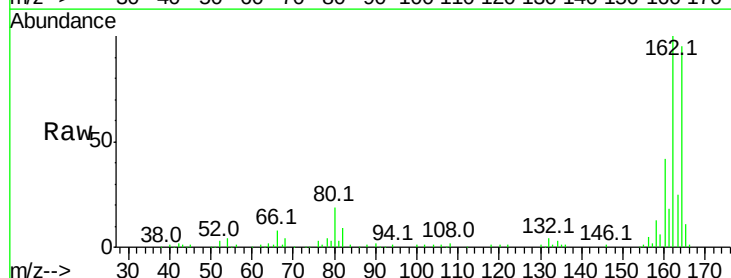
Instrument :
BNA_F
ClientSampled :

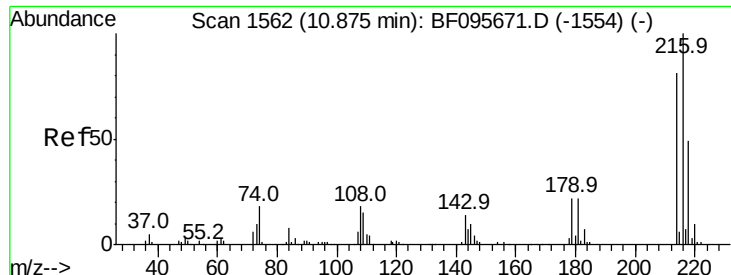
Tot Ion:142 Resp: 459018
Ion Ratio Lower Upper
142 100
141 89.8 71.3 106.9
115 30.0 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.13 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion:164 Resp: 138960
Ion Ratio Lower Upper
164 100
162 105.7 82.6 123.8
160 44.4 36.2 54.2

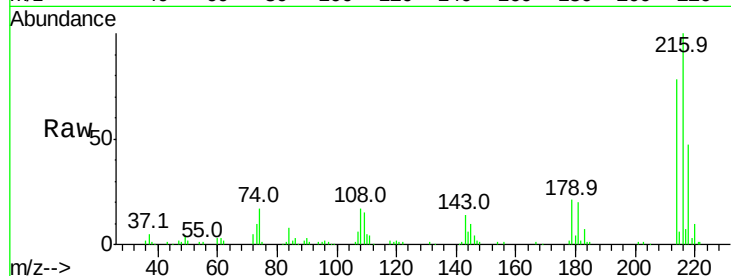




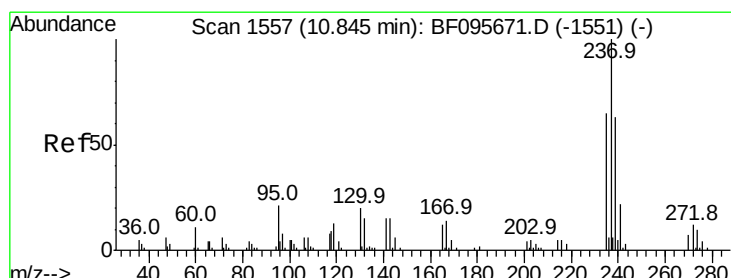
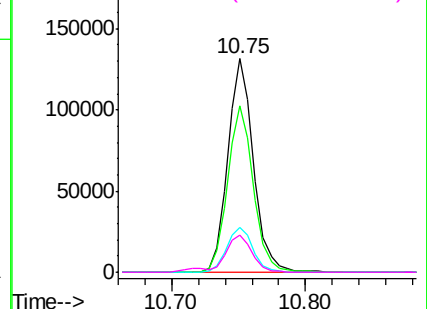
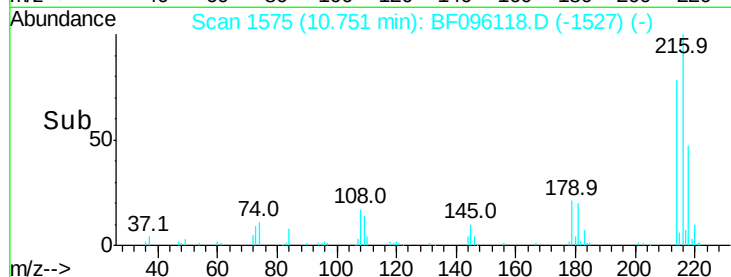
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.68 ng
 RT: 10.75 min Scan# 1575
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	177499
Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.4	95.2
179	21.3	17.9	26.9
108	19.1	16.5	24.7

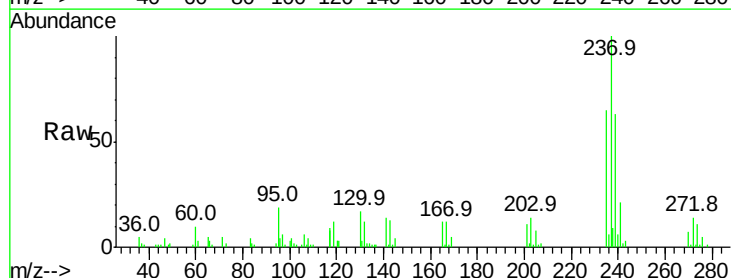


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

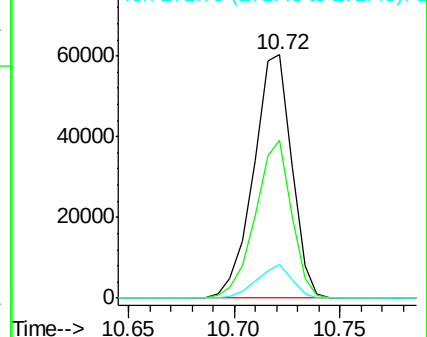
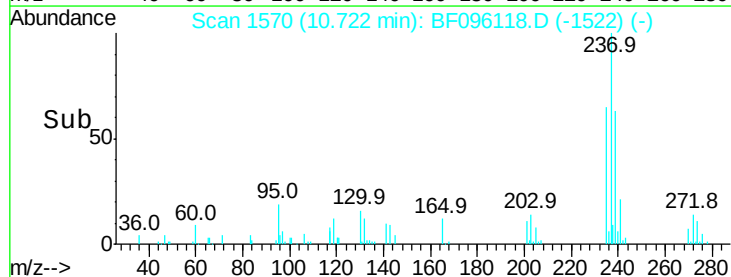


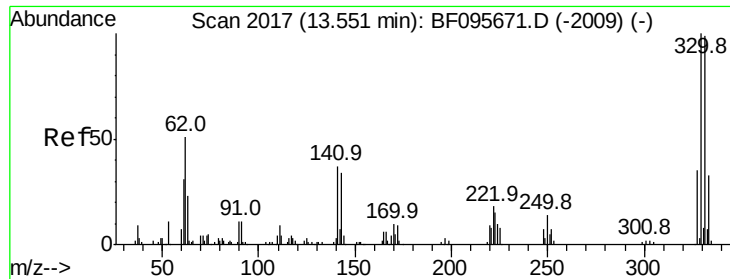
#40
 Hexachlorocyclopentadiene
 Concen: 61.13 ng
 RT: 10.72 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion:	237	Resp:	75667
Ion	Ratio	Lower	Upper
237	100		
235	64.7	42.6	82.6
272	14.0	0.0	31.9



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

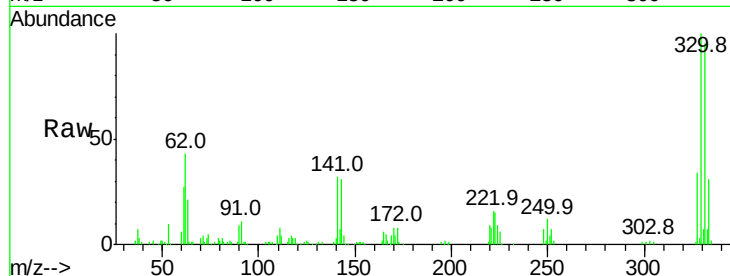




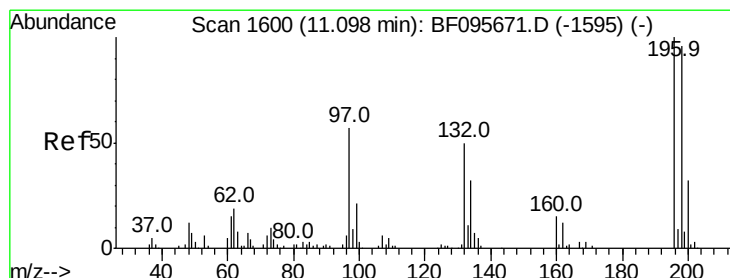
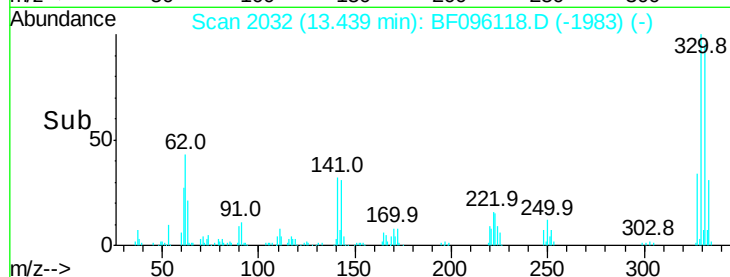
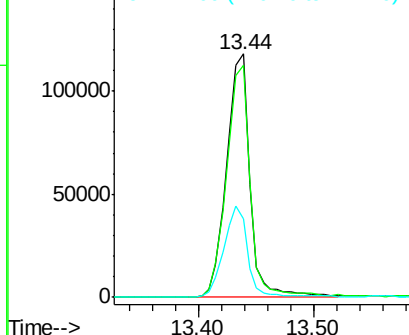
#41
 2,4,6-Tribromophenol
 Concen: 136.16 ng
 RT: 13.44 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 167404
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 38.2 31.4 47.2

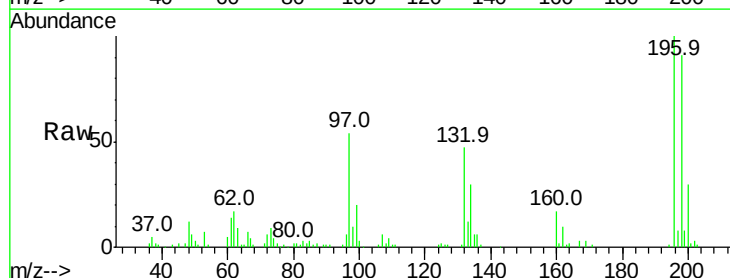


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

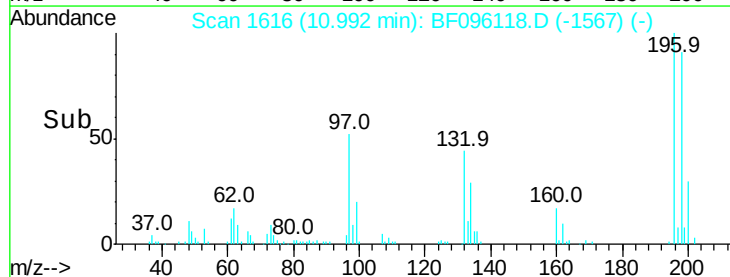
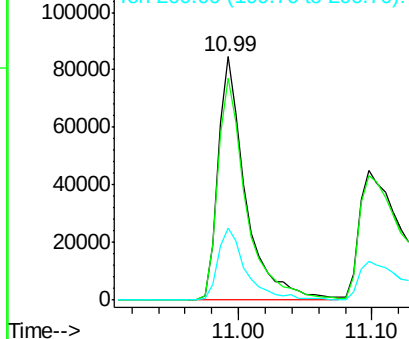


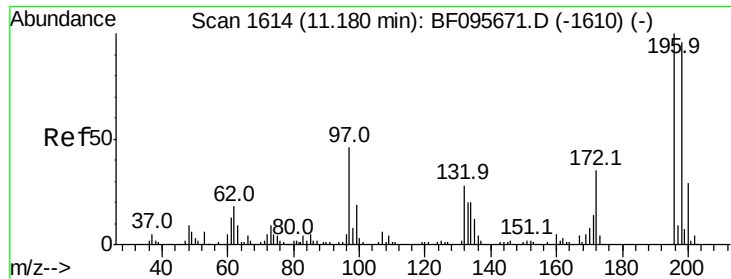
#42
 2,4,6-Trichlorophenol
 Concen: 45.87 ng
 RT: 10.99 min Scan# 1616
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion:196 Resp: 122658
 Ion Ratio Lower Upper
 196 100
 198 91.0 74.2 111.4
 200 29.5 24.0 36.0



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

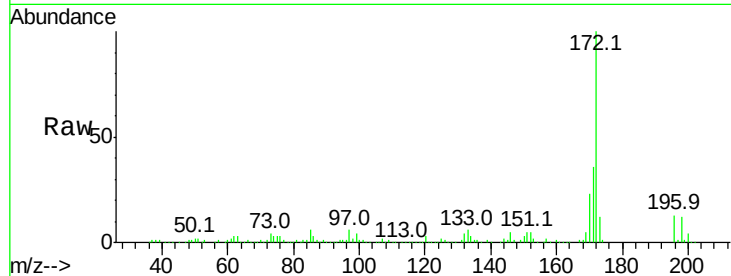




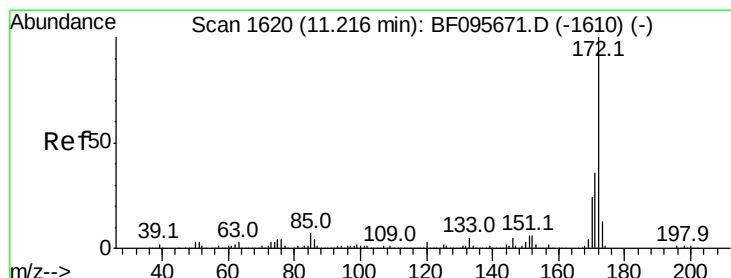
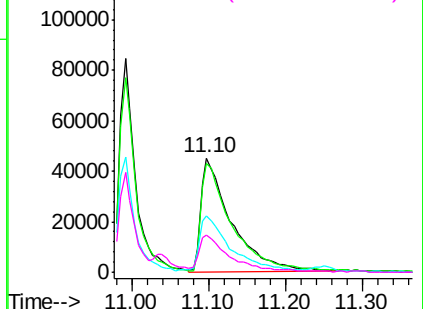
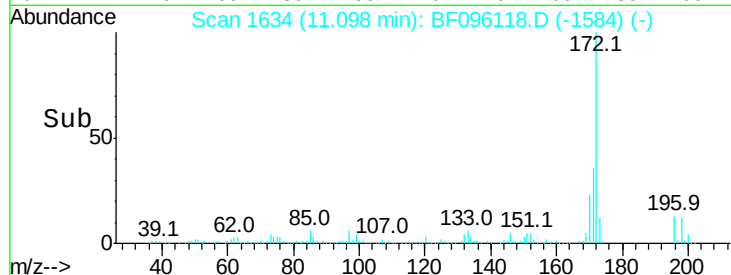
#43
 2,4,5-Trichlorophenol
 Concen: 42.89 ng
 RT: 11.10 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 121973
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.7 113.5
 97 49.3 47.7 71.5
 132 33.0 28.0 42.0

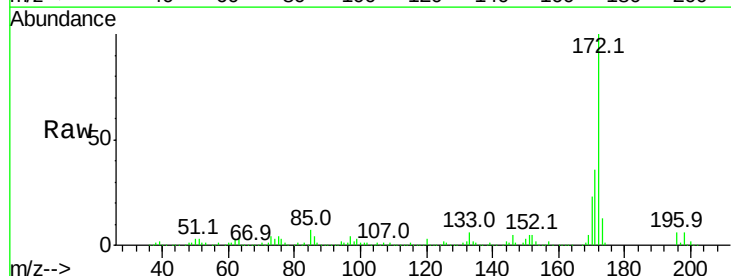


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

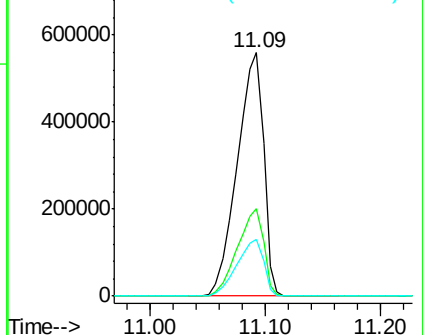
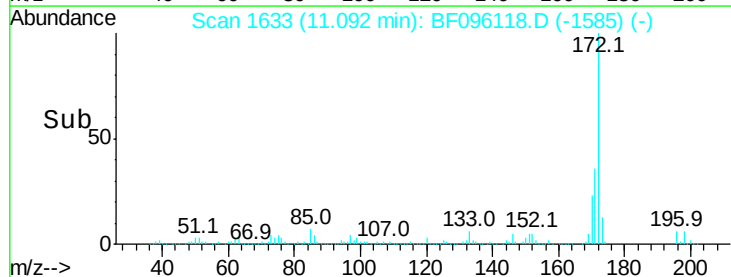


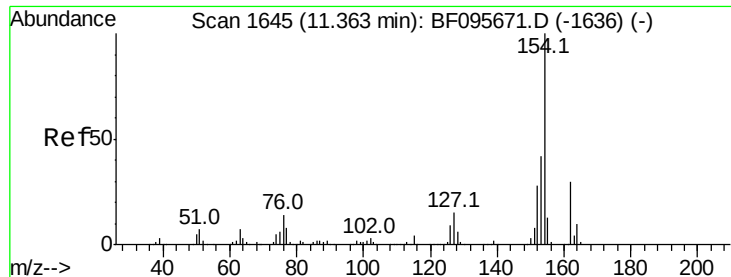
#44
 2-Fluorobiphenyl
 Concen: 88.68 ng
 RT: 11.09 min Scan# 1633
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion:172 Resp: 885511
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 23.4 19.8 29.8



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

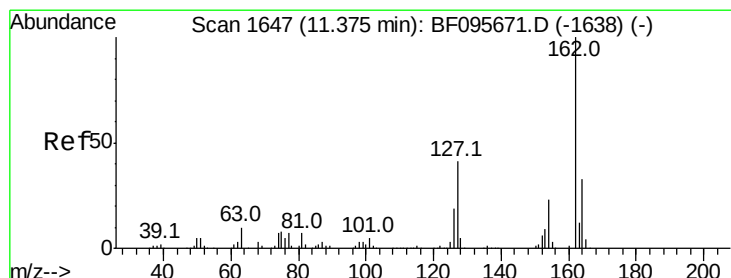
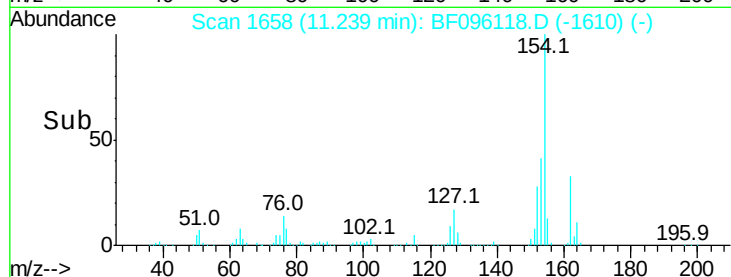
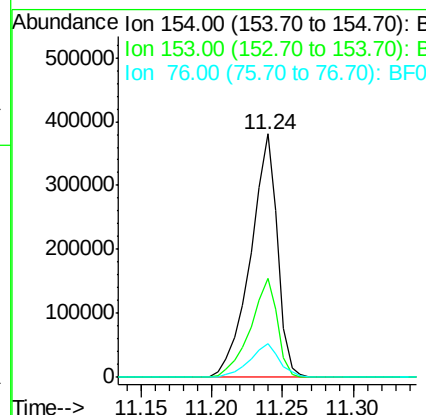
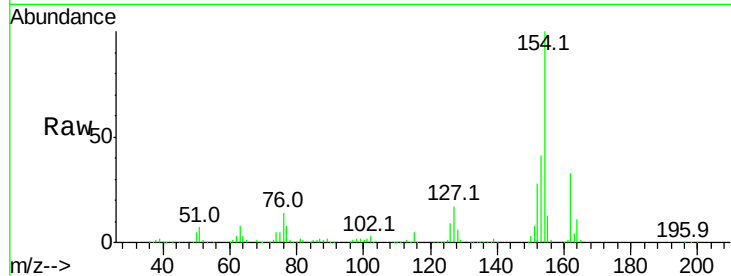




#45
 1,1'-Biphenyl
 Concen: 44.64 ng
 RT: 11.24 min Scan# 1658
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

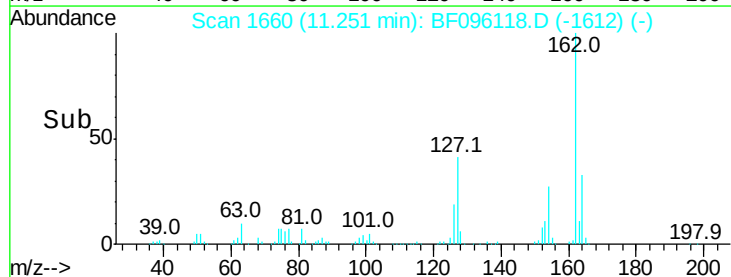
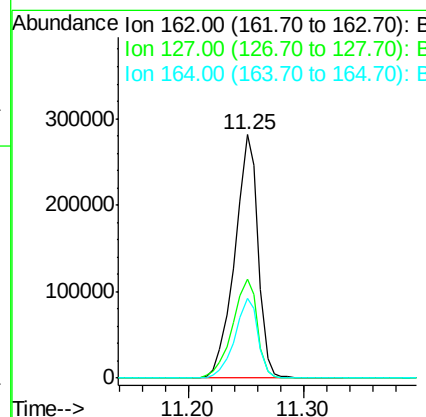
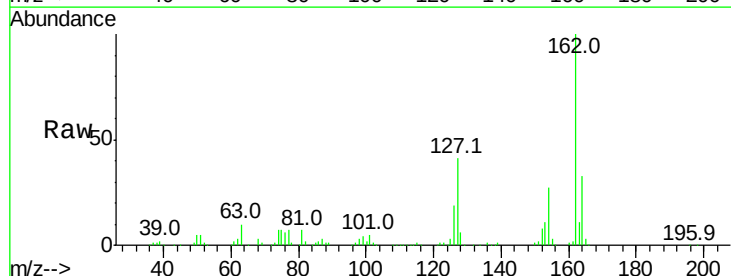
Instrument :
 BNA_F
 ClientSampleId :

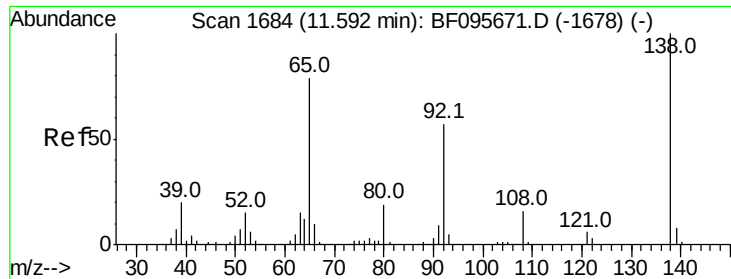
Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.2	61.2
76	13.7	0.0	29.9



#46
 2-Chloronaphthalene
 Concen: 43.85 ng
 RT: 11.25 min Scan# 1660
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.8	28.3	42.5
164	32.7	27.0	40.4

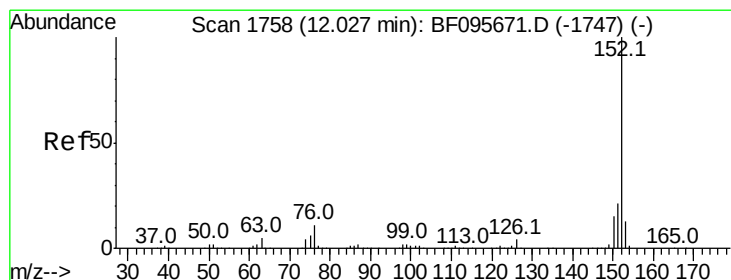
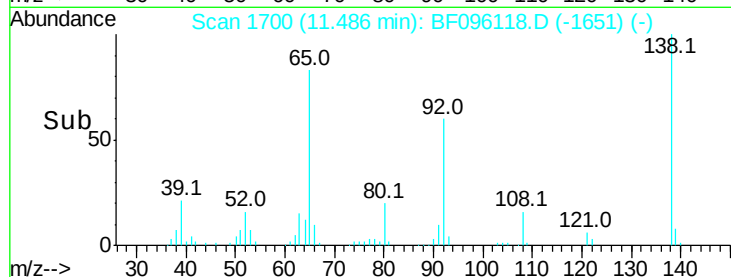
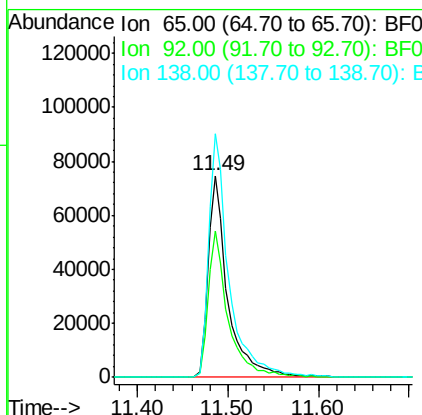
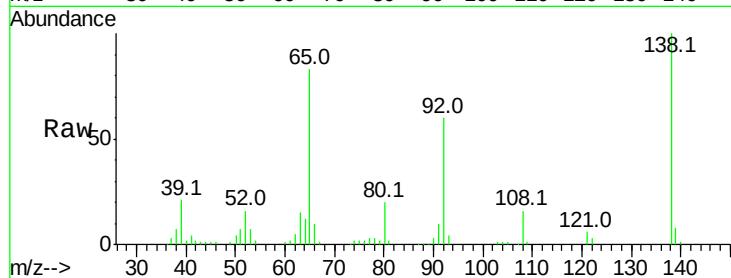




#47
2-Nitroaniline
Concen: 43.61 ng
RT: 11.49 min Scan# 1700
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

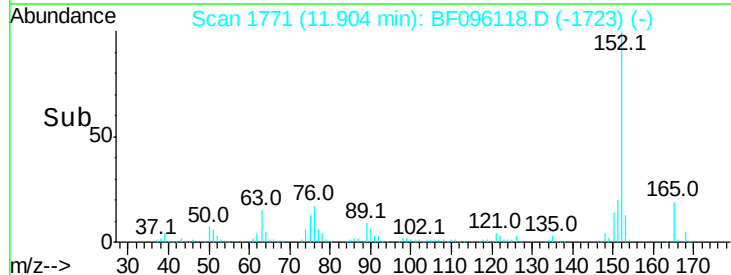
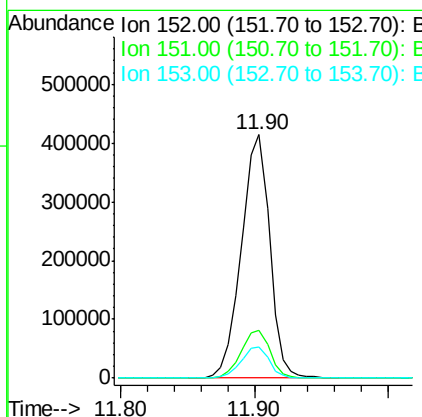
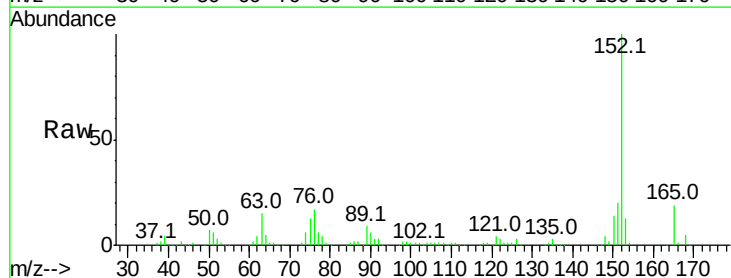
Instrument :
BNA_F
ClientSampled :

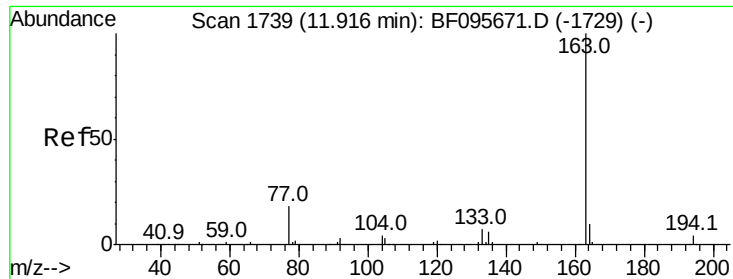
Tot Ion: 65 Resp: 114199
Ion Ratio Lower Upper
65 100
92 72.6 53.9 80.9
138 120.5 78.8 118.2#



#48
Acenaphthylene
Concen: 39.79 ng
RT: 11.90 min Scan# 1771
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion:152 Resp: 608856
Ion Ratio Lower Upper
152 100
151 19.8 16.8 25.2
153 12.7 10.8 16.2





#49

Dimethylphthalate

Concen: 46.02 ng

RT: 11.80 min Scan# 1754

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampled :

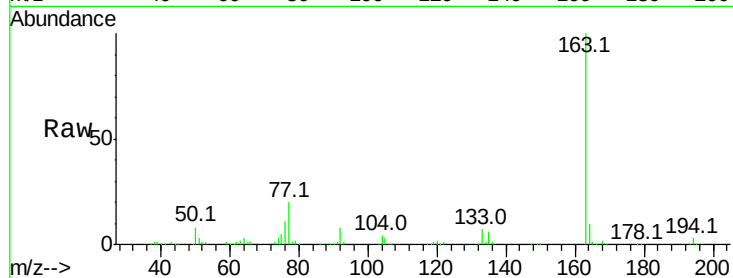
Tot Ion:163 Resp: 485533

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

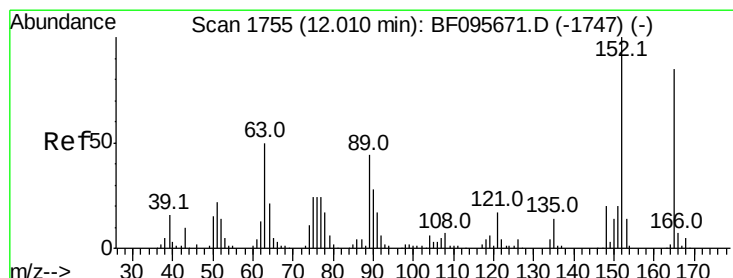
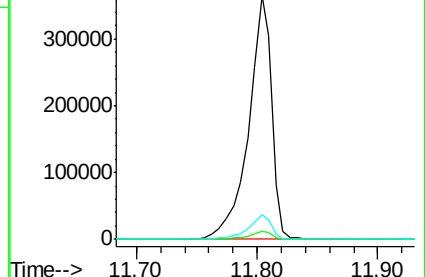
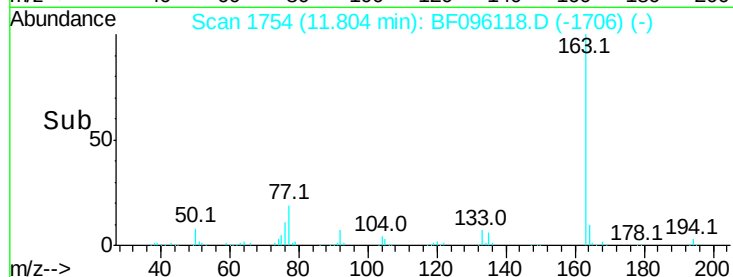
164 10.1 8.4 12.6



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: 43.66 ng

RT: 11.90 min Scan# 1771

Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

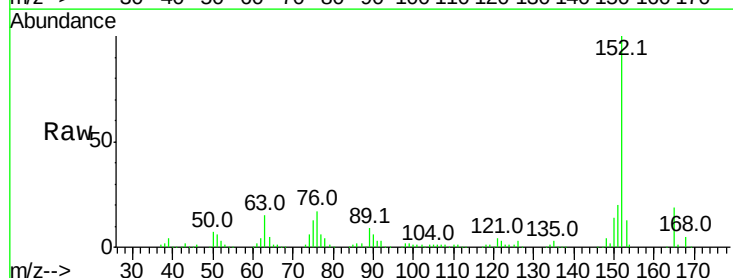
Tgt Ion:165 Resp: 100483

Ion Ratio Lower Upper

165 100

63 79.4 34.3 51.5#

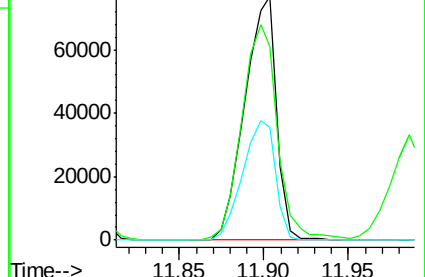
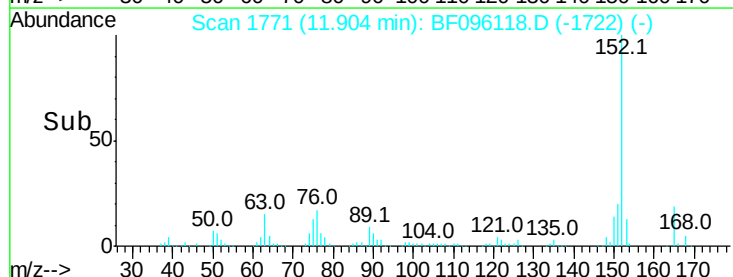
89 46.4 37.1 55.7

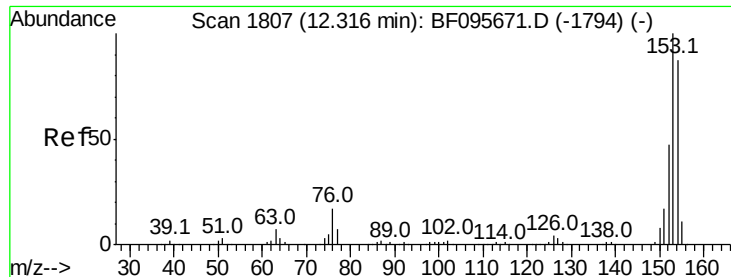


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.08 ng

RT: 12.19 min Scan# 1819

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampleId :

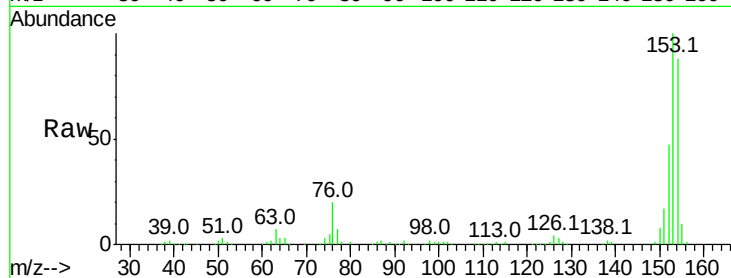
Tot Ion:154 Resp: 380748

Ion Ratio Lower Upper

154 100

153 114.2 90.5 135.7

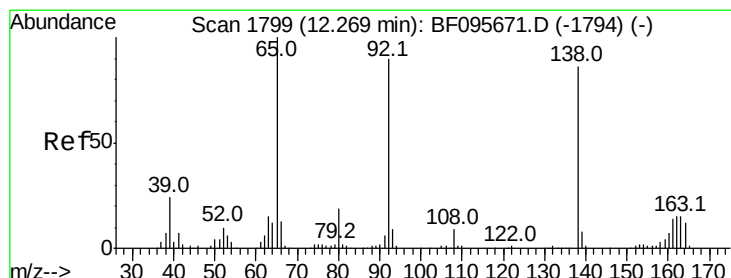
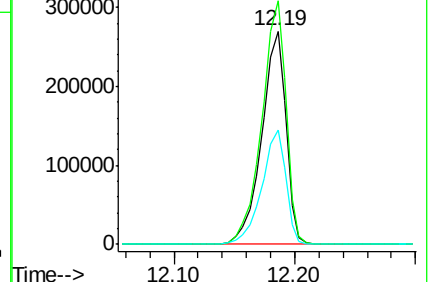
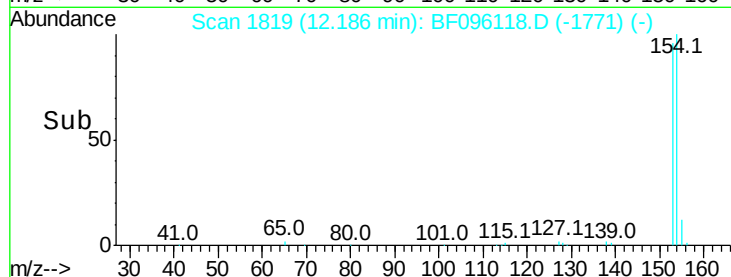
152 53.4 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 10.01 ng

RT: 12.20 min Scan# 1821

Delta R.T. 0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

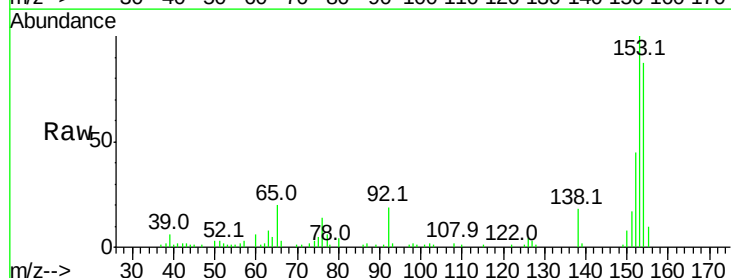
Tgt Ion:138 Resp: 26844

Ion Ratio Lower Upper

138 100

108 11.9 9.1 13.7

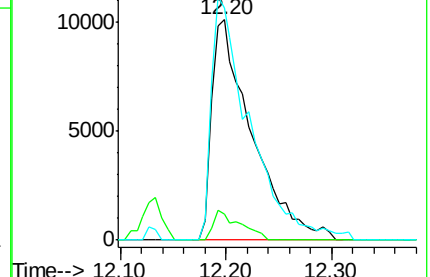
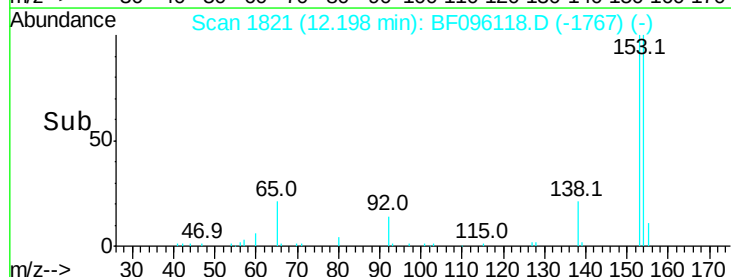
92 105.5 93.8 140.6

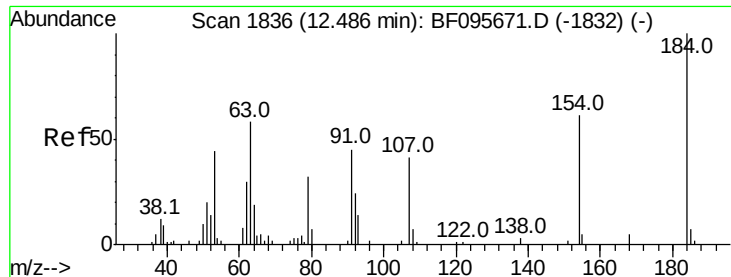


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 76.32 ng

RT: 12.40 min Scan# 1855

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampled :

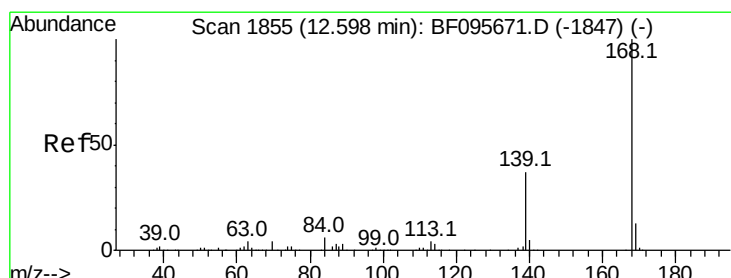
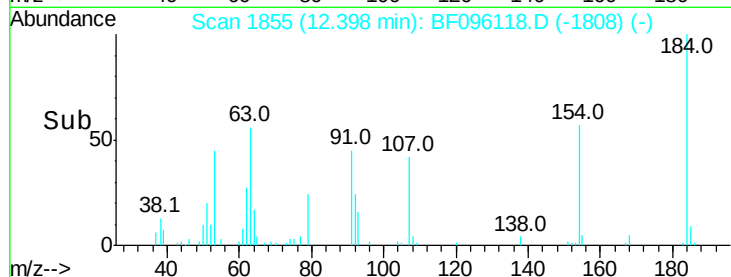
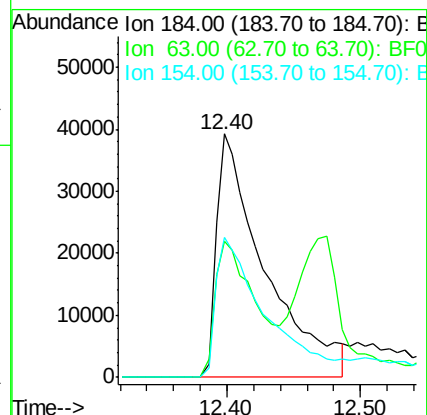
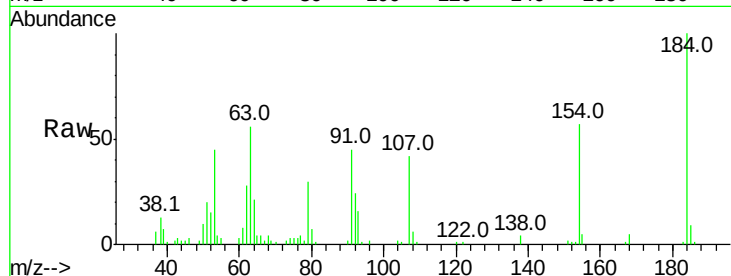
Tot Ion:184 Resp: 99026

Ion Ratio Lower Upper

184 100

63 56.1 62.7 94.1#

154 57.3 81.1 121.7#



#54

Dibenzofuran

Concen: 46.73 ng

RT: 12.47 min Scan# 1868

Delta R.T. -0.02 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

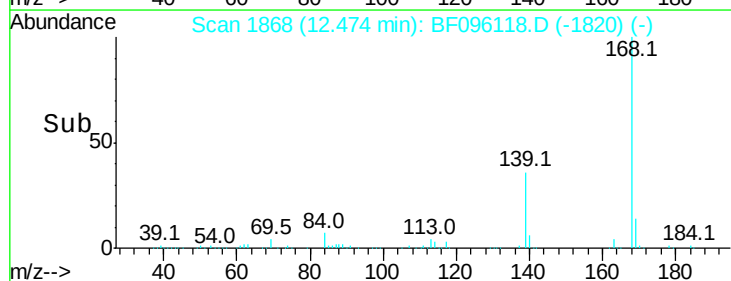
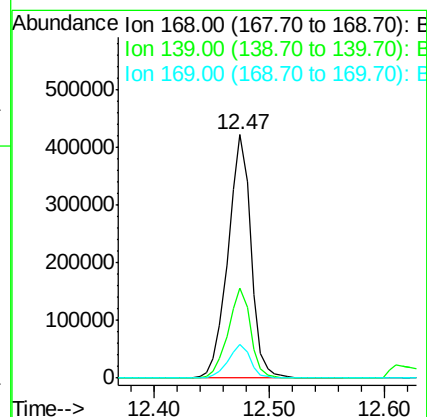
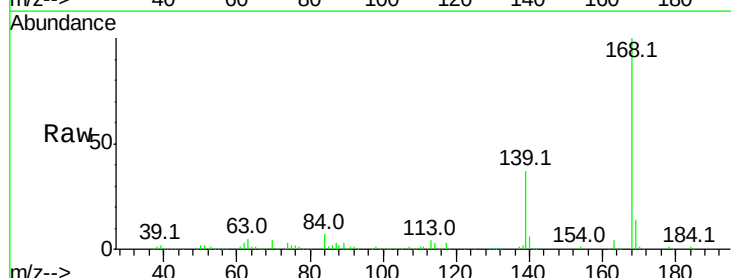
Tgt Ion:168 Resp: 581211

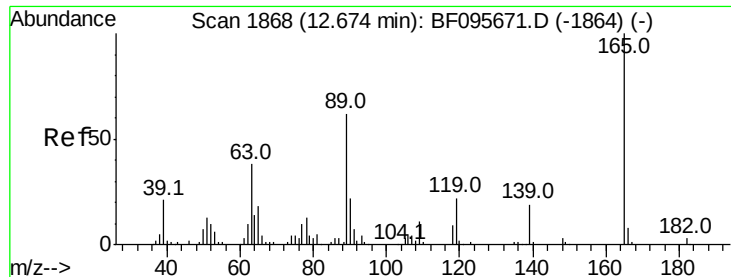
Ion Ratio Lower Upper

168 100

139 36.9 30.6 45.8

169 13.6 10.8 16.2

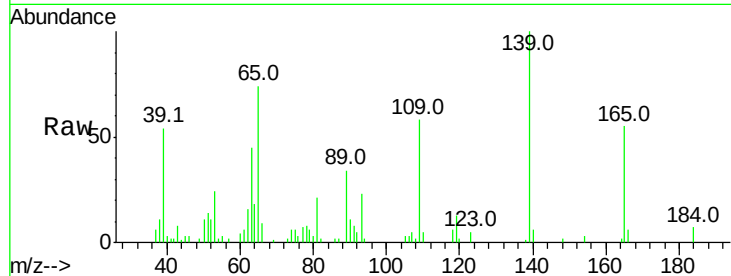




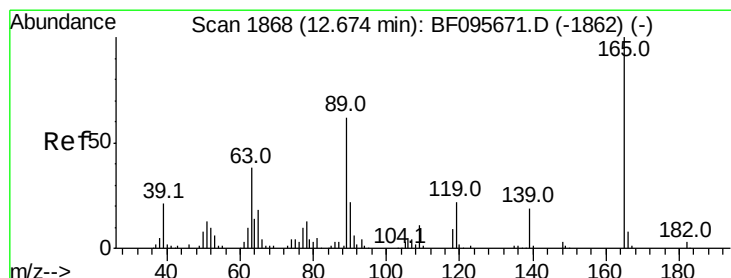
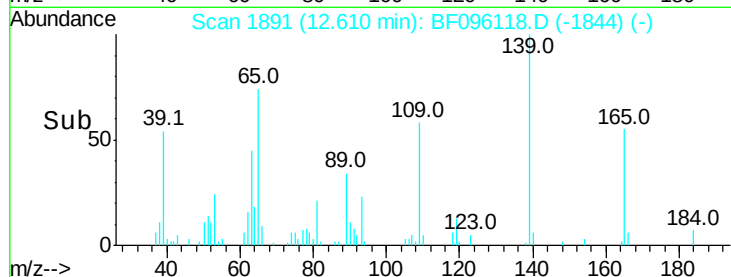
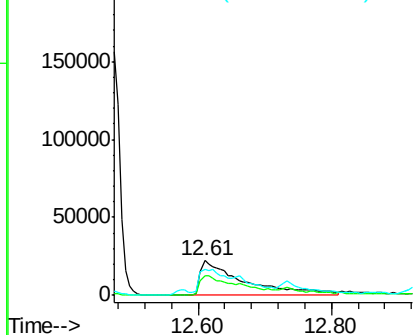
#55
4-Nitrophenol
Concen: 65.57 ng
RT: 12.61 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 101262
Ion Ratio Lower Upper
139 100
109 57.8 34.1 74.1
65 74.3 31.4 71.4#

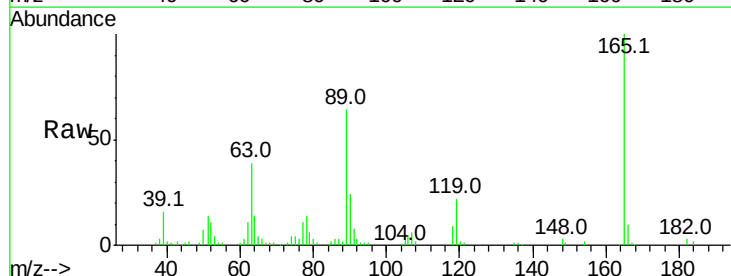


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): E

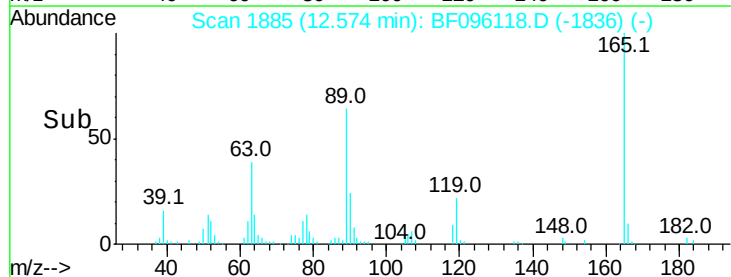
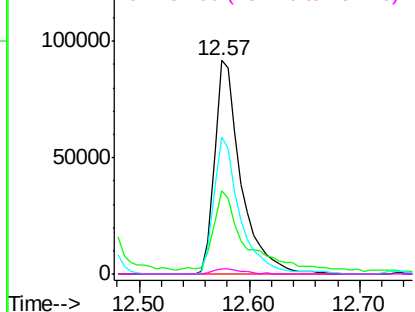


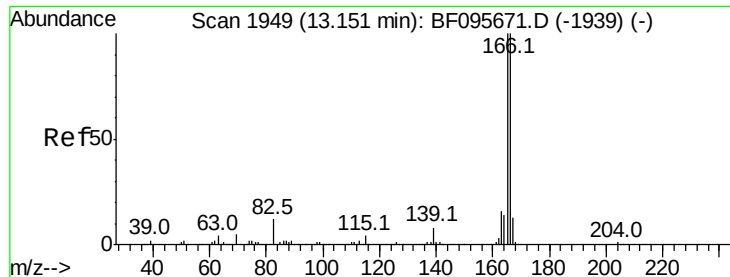
#56
2,4-Dinitrotoluene
Concen: 49.00 ng
RT: 12.57 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion:165 Resp: 152299
Ion Ratio Lower Upper
165 100
63 39.0 25.4 38.0#
89 64.3 46.4 69.6
182 2.6 1.8 2.6



Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

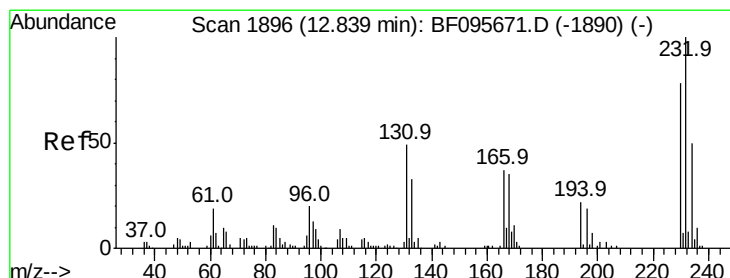
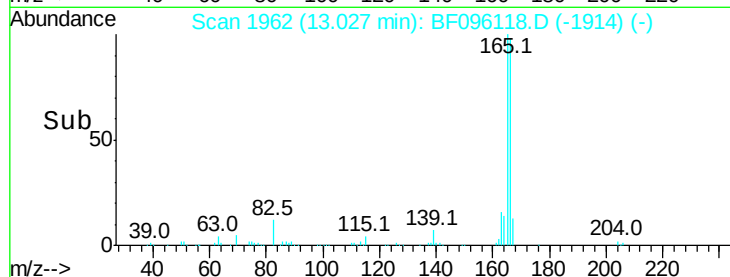
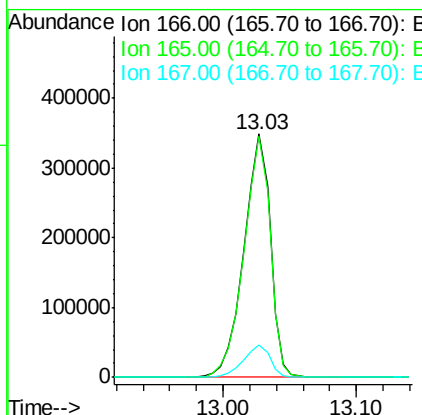
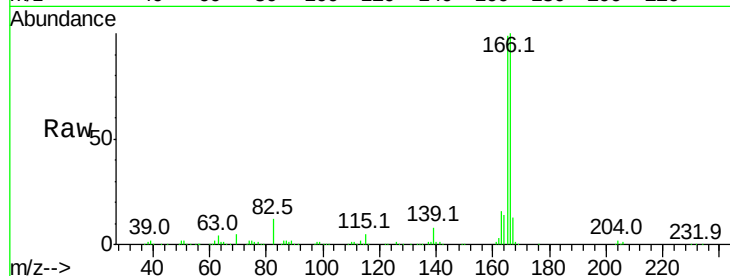




#57
 Fluorene
 Concen: 44.12 ng
 RT: 13.03 min Scan# 1962
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

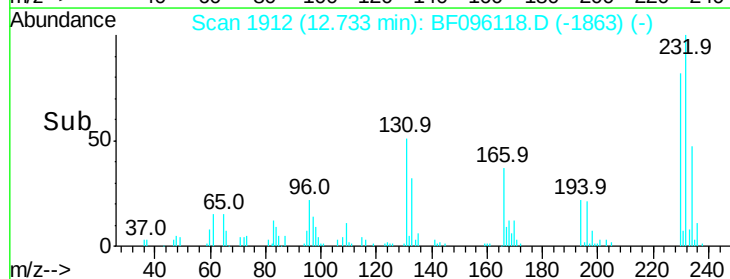
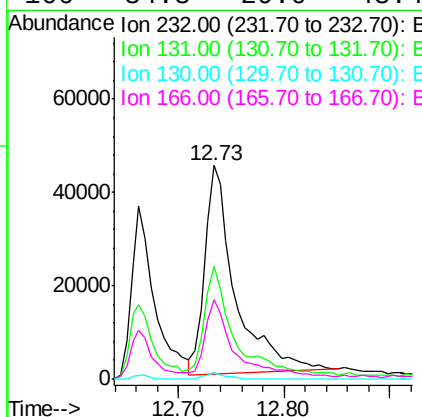
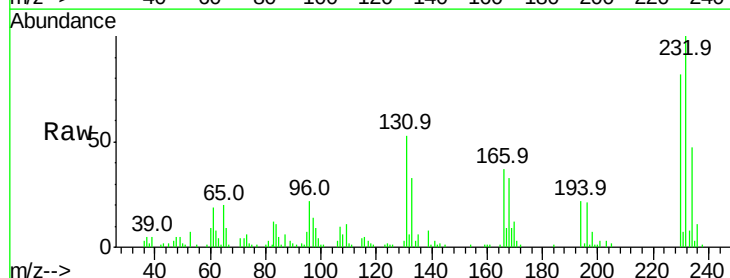
Instrument :
 BNA_F
 ClientSampleId :

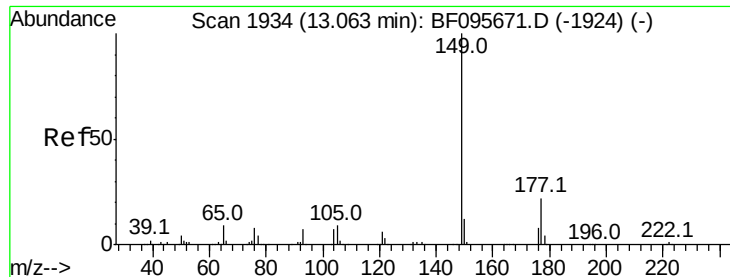
Tot Ion:166 Resp: 477512
 Ion Ratio Lower Upper
 166 100
 165 98.8 78.8 118.2
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 46.57 ng
 RT: 12.73 min Scan# 1912
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion:232 Resp: 90628
 Ion Ratio Lower Upper
 232 100
 131 52.0 44.8 67.2
 130 1.9 2.3 3.5#
 166 34.3 29.0 43.4

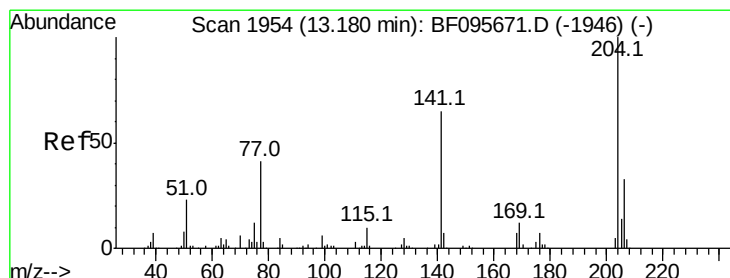
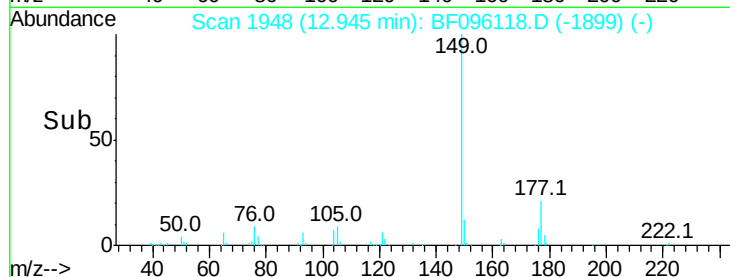
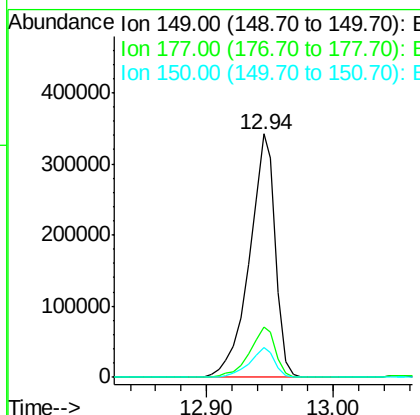
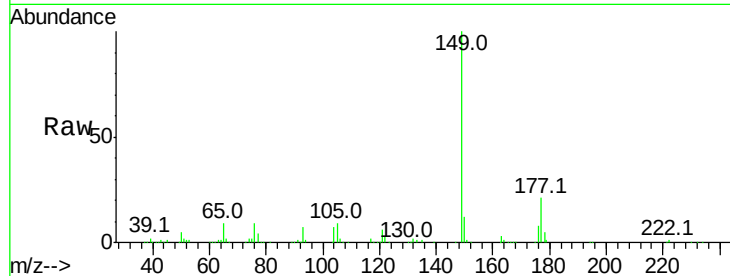




#59
Diethylphthalate
Concen: 47.81 ng
RT: 12.94 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

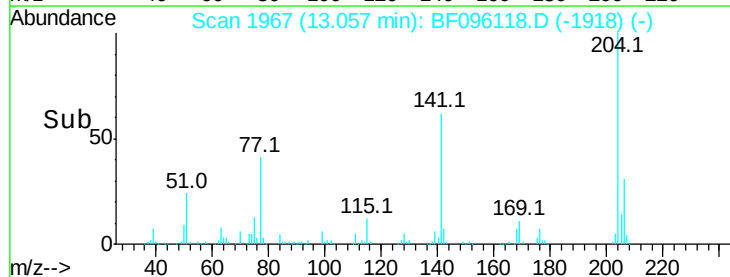
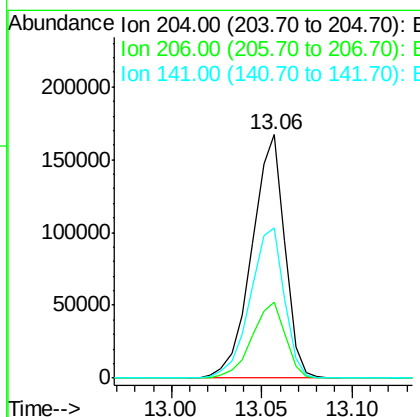
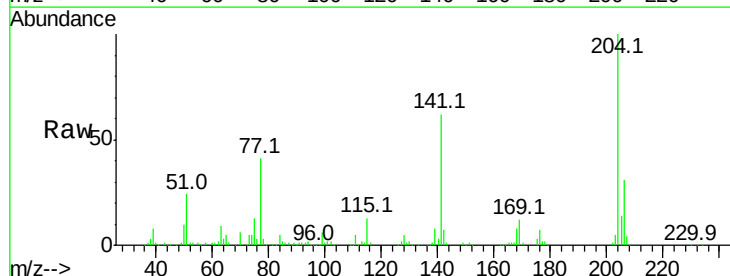
Instrument :
BNA_F
ClientSampled :

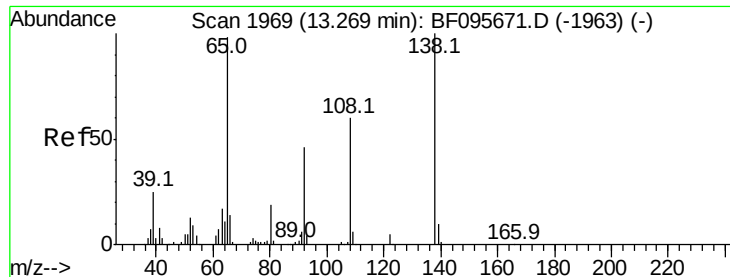
Tot Ion:149 Resp: 485427
Ion Ratio Lower Upper
149 100
177 20.9 16.7 25.1
150 12.1 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.64 ng
RT: 13.06 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion:204 Resp: 210132
Ion Ratio Lower Upper
204 100
206 31.3 26.2 39.2
141 61.8 60.8 91.2

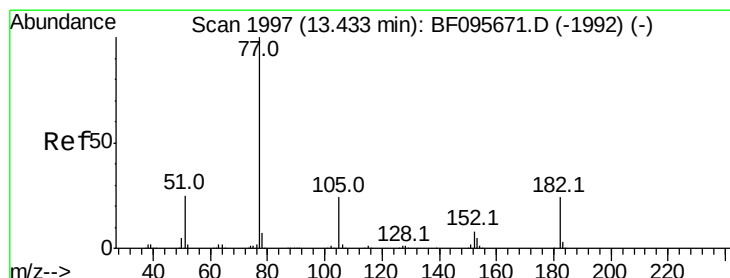
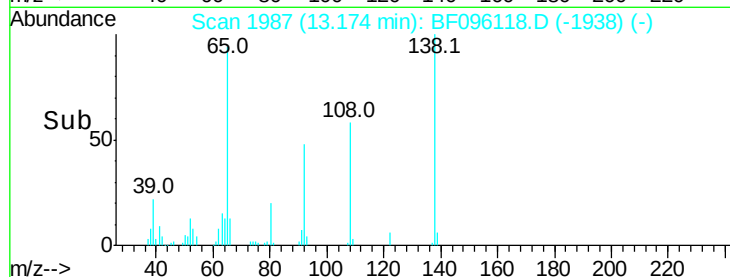
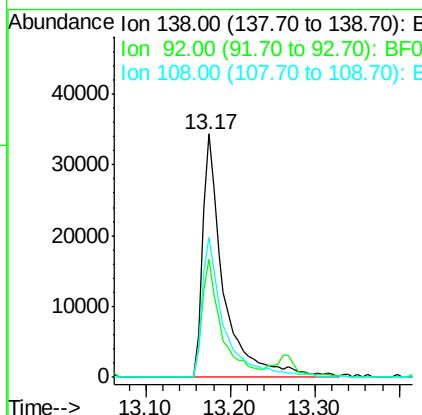
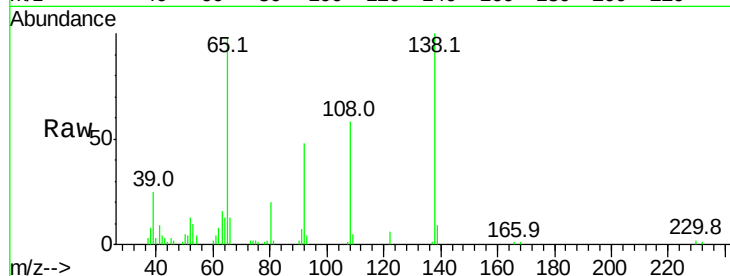




#61
4-Nitroaniline
Concen: 23.54 ng
RT: 13.17 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

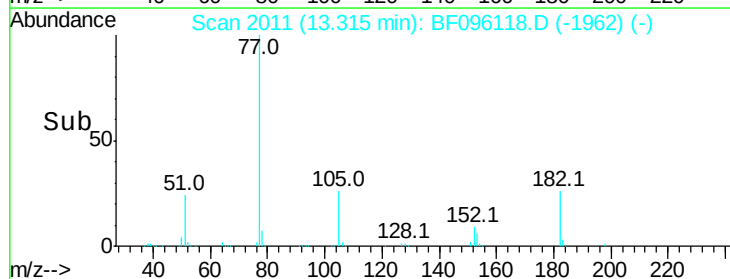
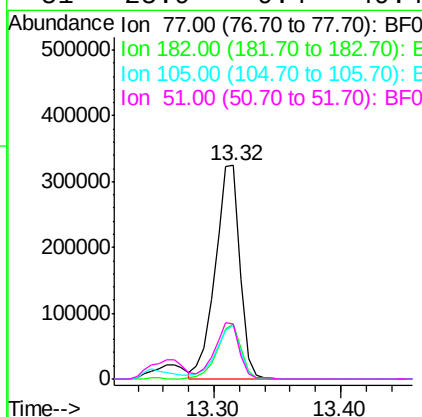
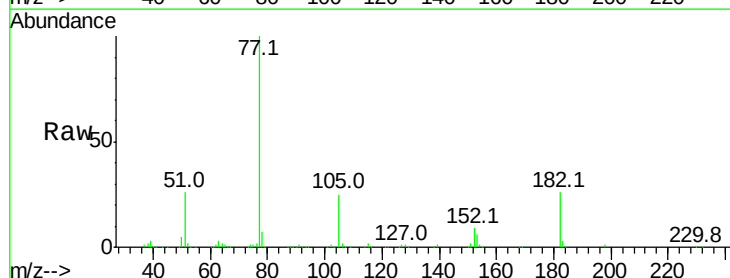
Instrument :
BNA_F
ClientSampled :

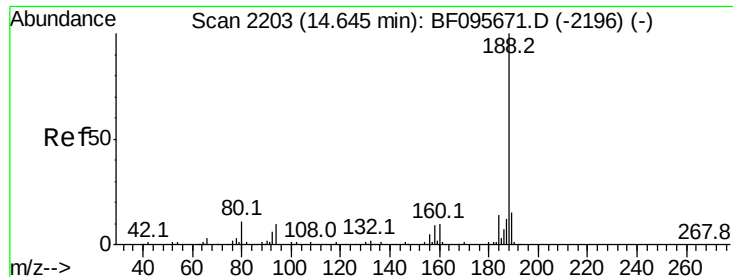
Tot Ion:138 Resp: 58937
Ion Ratio Lower Upper
138 100
92 48.3 21.8 61.8
108 57.5 42.3 82.3



#62
Azobenzene
Concen: 48.04 ng
RT: 13.32 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion: 77 Resp: 442113
Ion Ratio Lower Upper
77 100
182 25.9 0.1 40.1
105 25.3 3.6 43.6
51 25.9 9.4 49.4

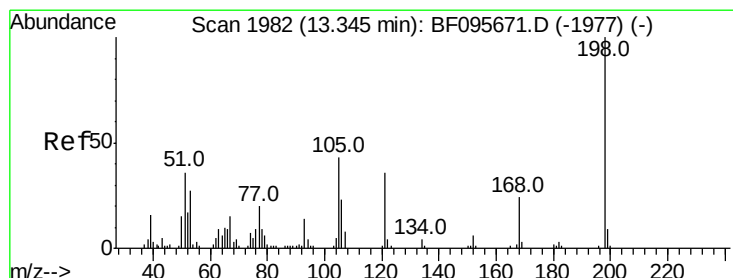
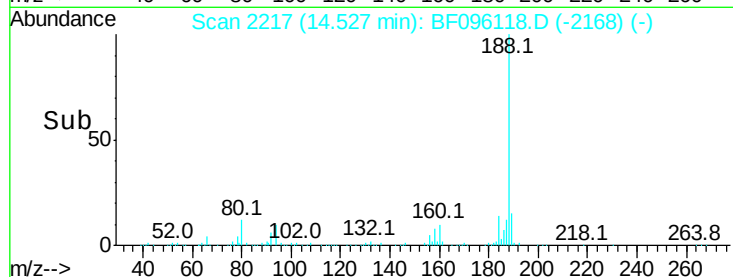
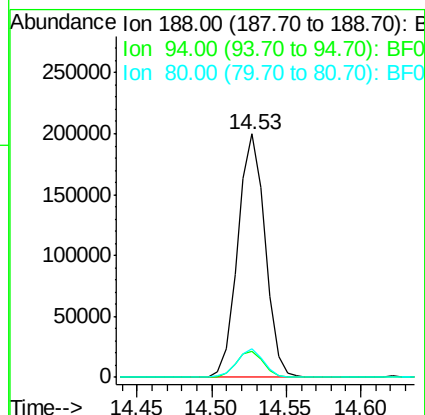
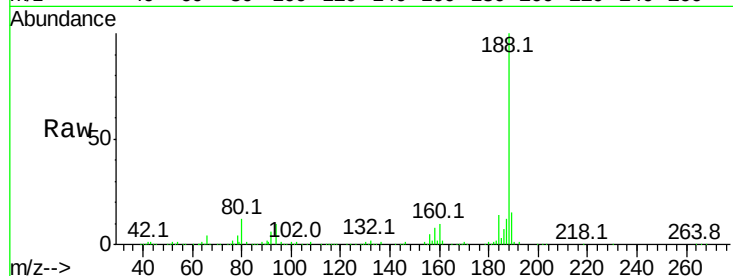




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2217
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

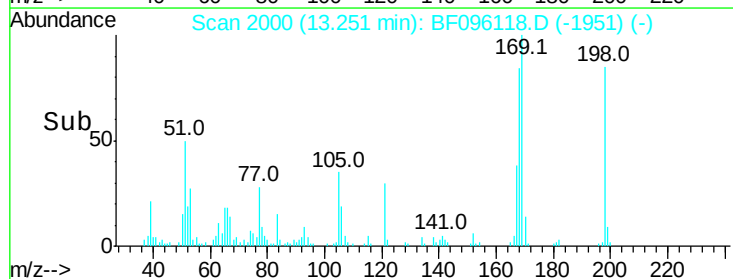
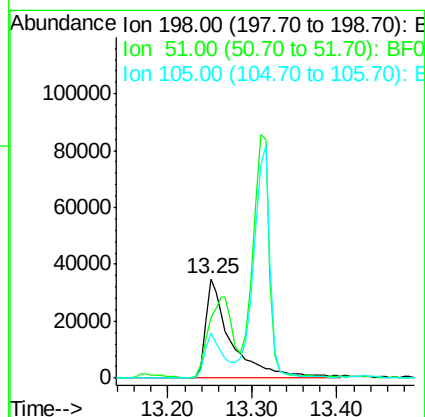
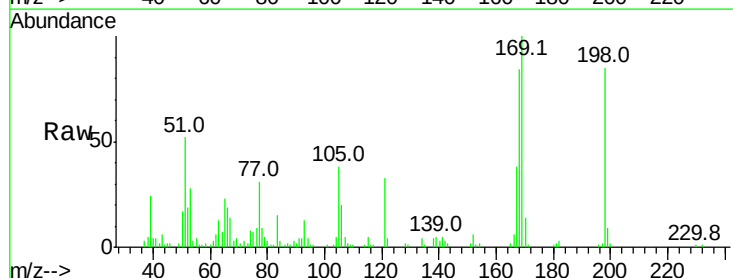
Instrument :
BNA_F
ClientSampleId :

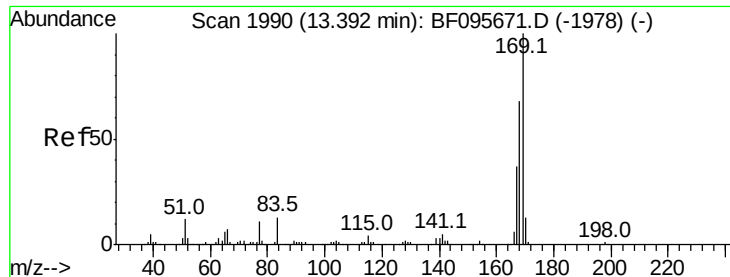
Tot Ion:188 Resp: 255063
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.6 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 43.52 ng
RT: 13.25 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion:198 Resp: 72956
Ion Ratio Lower Upper
198 100
51 60.7 53.2 93.2
105 45.4 45.8 85.8#

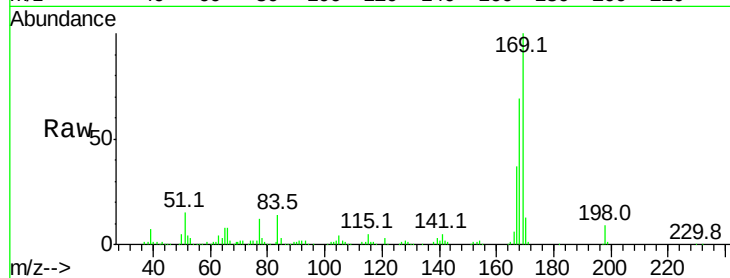




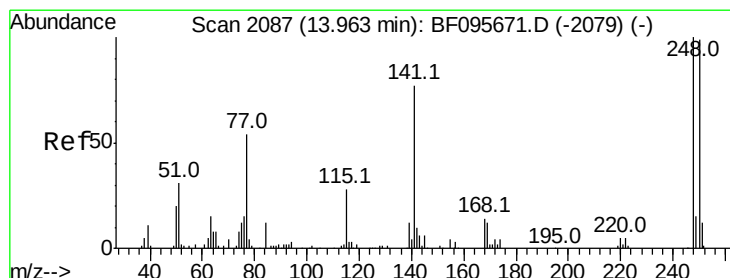
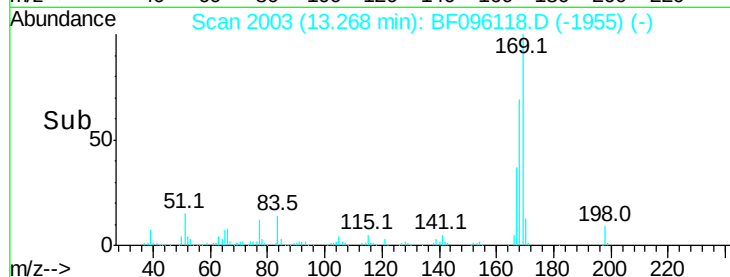
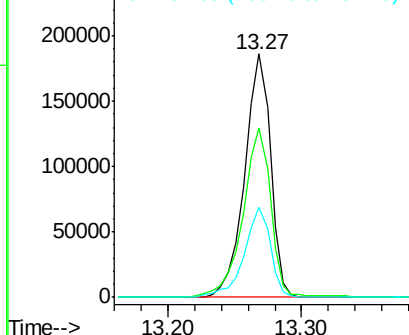
#65
n-Nitrosodiphenylamine
Concen: 27.09 ng
RT: 13.27 min Scan# 2003
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampled :

Tot Ion:169 Resp: 248250
Ion Ratio Lower Upper
169 100
168 69.4 53.2 79.8
167 36.8 29.5 44.3

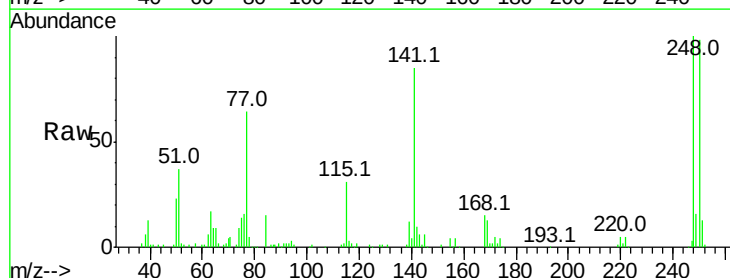


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

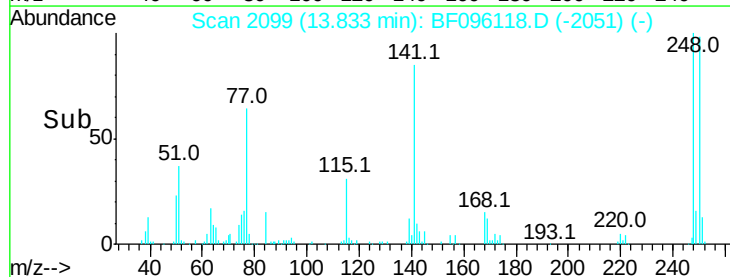
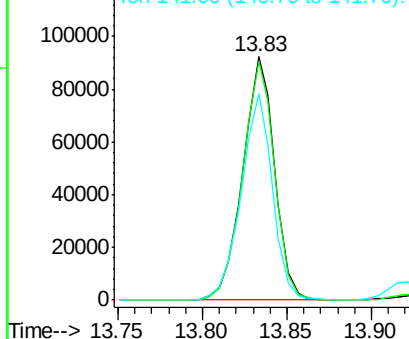


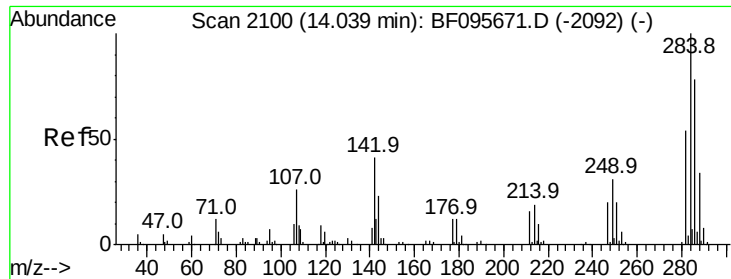
#66
4-Bromophenyl-phenylether
Concen: 45.67 ng
RT: 13.83 min Scan# 2099
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion:248 Resp: 121069
Ion Ratio Lower Upper
248 100
250 98.2 76.8 115.2
141 84.8 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

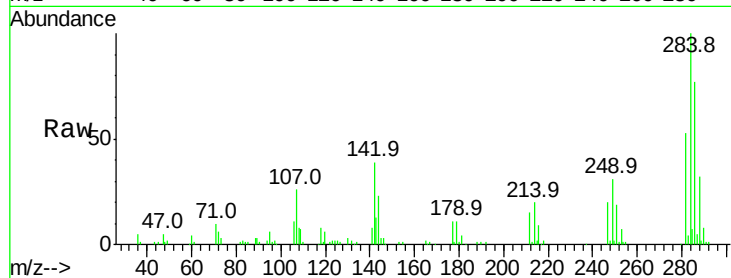




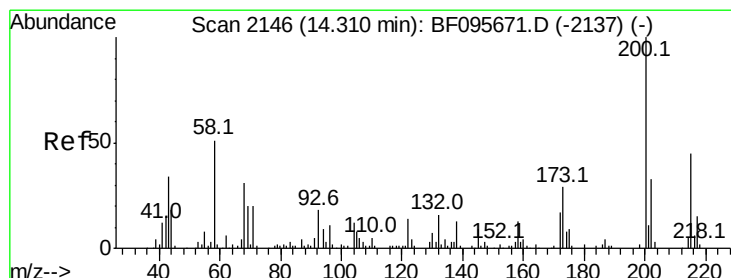
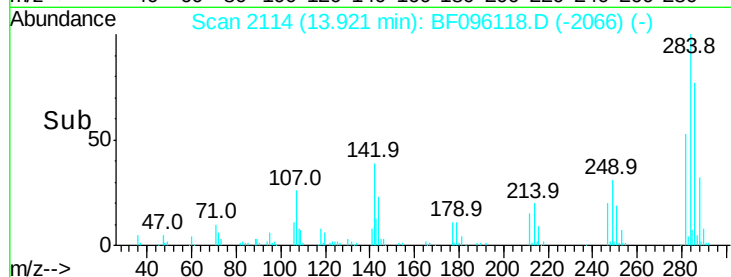
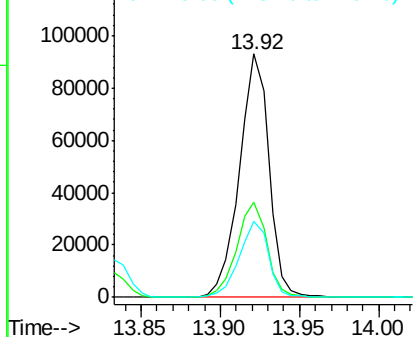
#67
Hexachlorobenzene
Concen: 46.16 ng
RT: 13.92 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 120562
Ion Ratio Lower Upper
284 100
142 39.3 22.8 34.2#
249 31.4 24.0 36.0

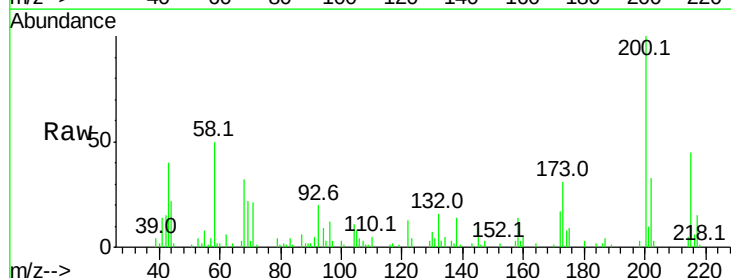


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

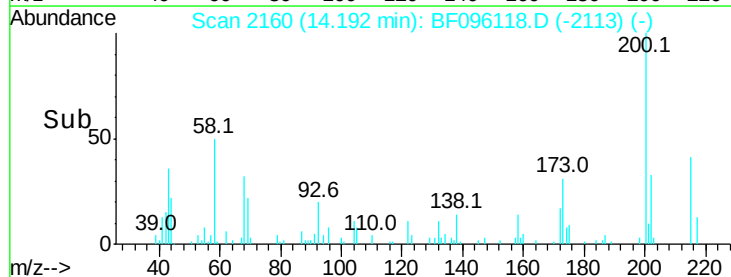
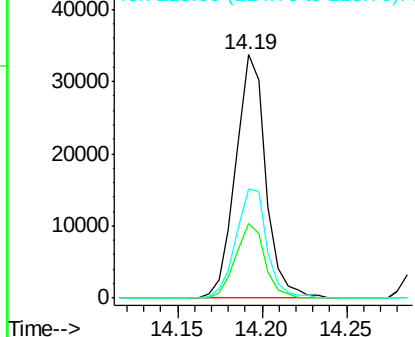


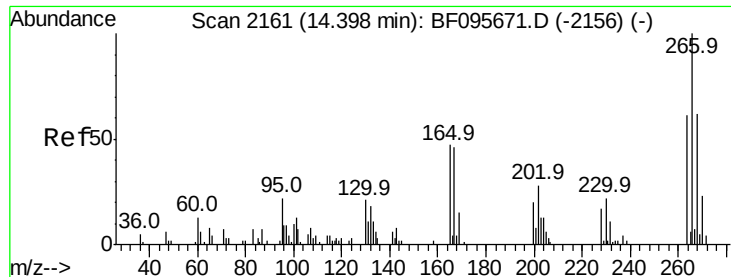
#68
Atrazine
Concen: 16.40 ng
RT: 14.19 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion:200 Resp: 41837
Ion Ratio Lower Upper
200 100
173 30.6 6.3 46.3
215 44.7 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

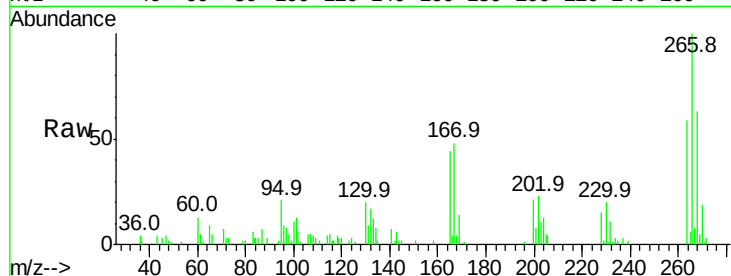




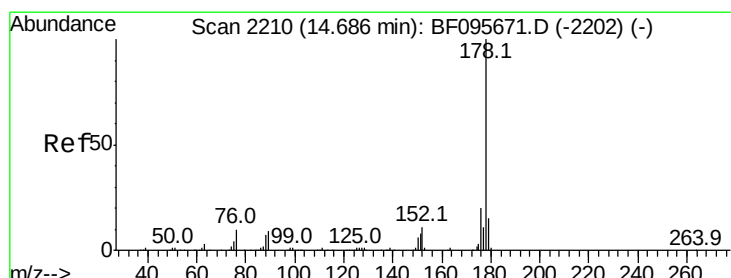
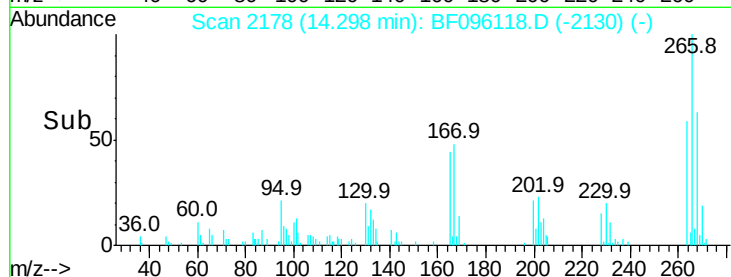
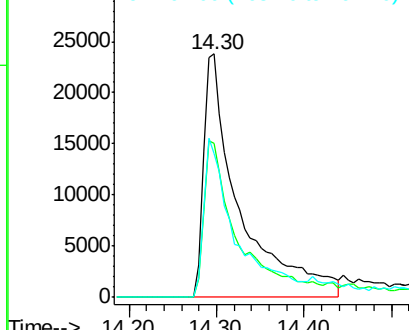
#69
 Pentachlorophenol
 Concen: 69.30 ng
 RT: 14.30 min Scan# 2178
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 67687
 Ion Ratio Lower Upper
 266 100
 268 63.5 51.1 76.7
 264 59.1 51.7 77.5

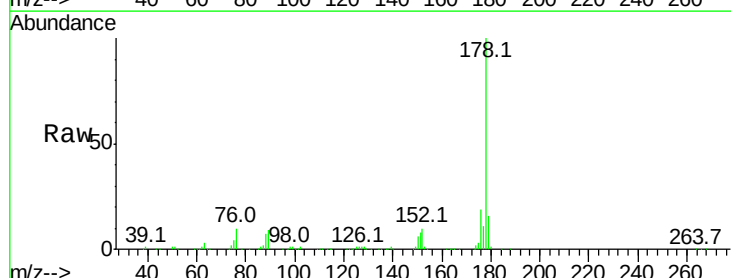


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

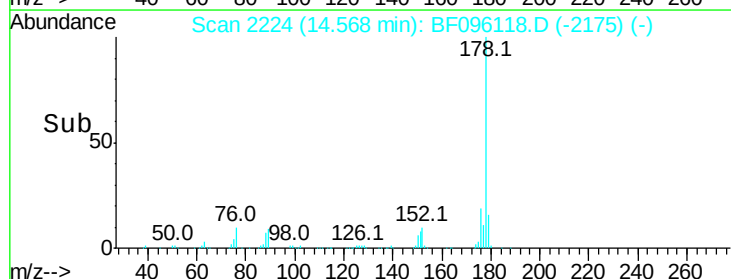
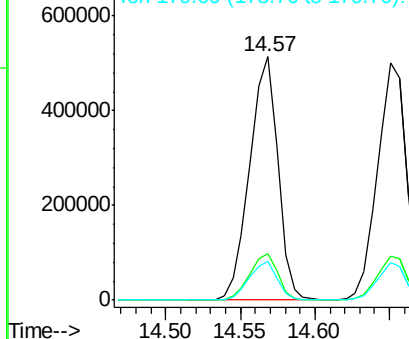


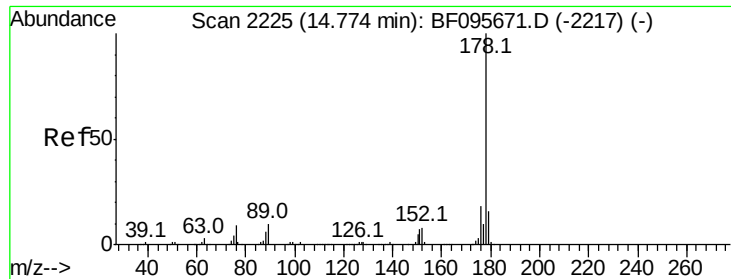
#70
 Phenanthrene
 Concen: 45.80 ng
 RT: 14.57 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion:178 Resp: 674068
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 15.8 12.6 19.0



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

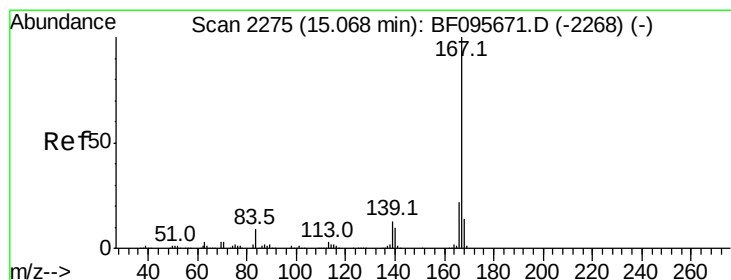
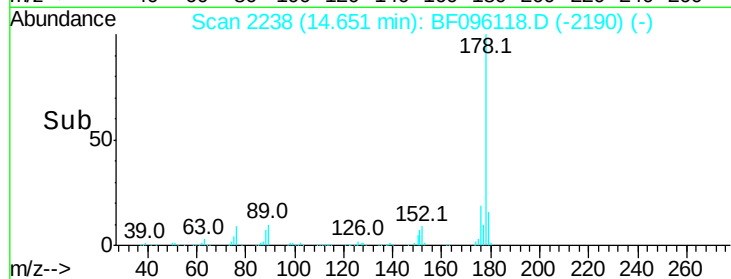
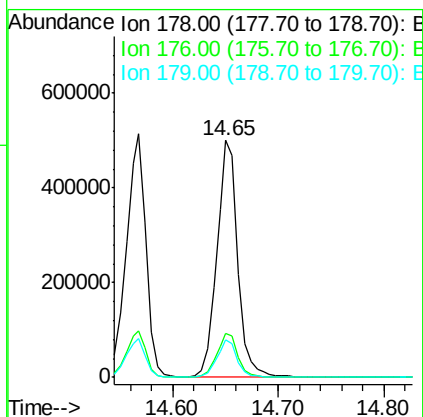
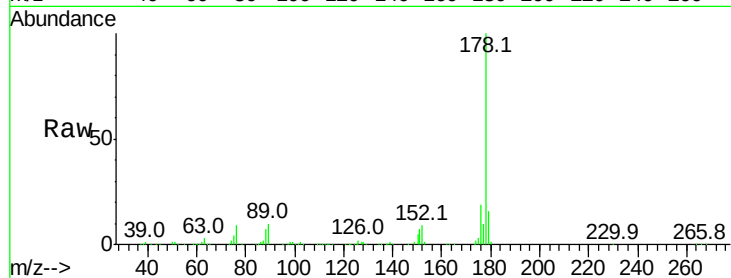




#71
 Anthracene
 Concen: 45.09 ng
 RT: 14.65 min Scan# 2238
 Delta R.T. -0.02 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

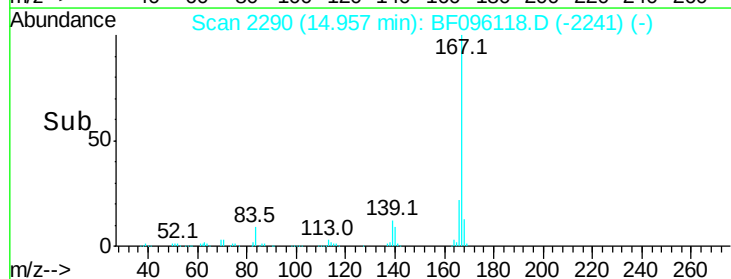
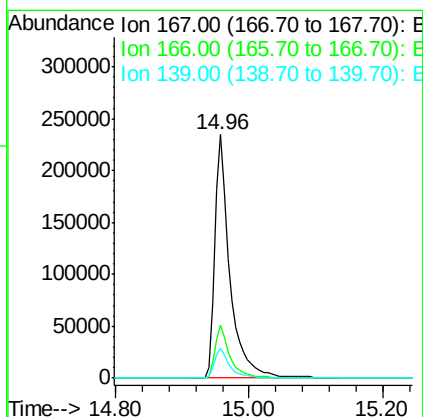
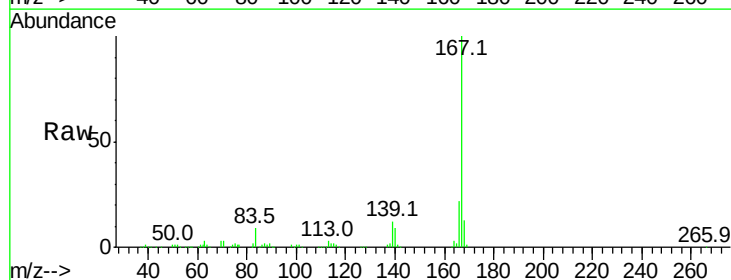
Instrument :
 BNA_F
 ClientSampleId :

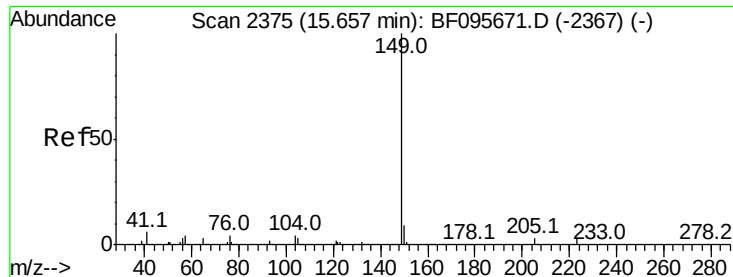
Tot Ion:178 Resp: 692799
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.8 23.8
 179 16.0 12.7 19.1



#72
 Carbazole
 Concen: 25.13 ng
 RT: 14.96 min Scan# 2290
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion:167 Resp: 376299
 Ion Ratio Lower Upper
 167 100
 166 21.7 18.1 27.1
 139 12.4 11.7 17.5





#73

Di-n-butylphthalate

Concen: 50.71 ng

RT: 15.55 min Scan# 2391

Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampleId :

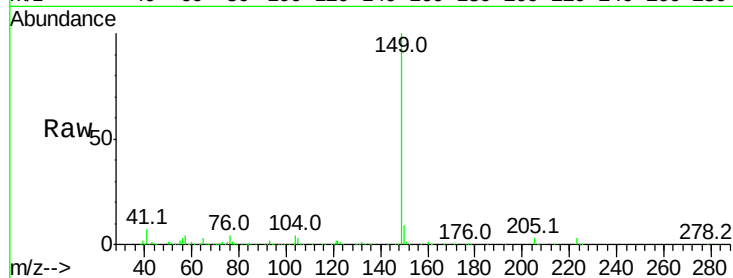
Tot Ion:149 Resp: 807724

Ion Ratio Lower Upper

149 100

150 9.0 7.7 11.5

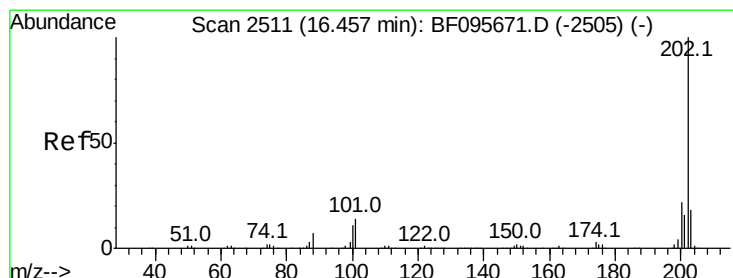
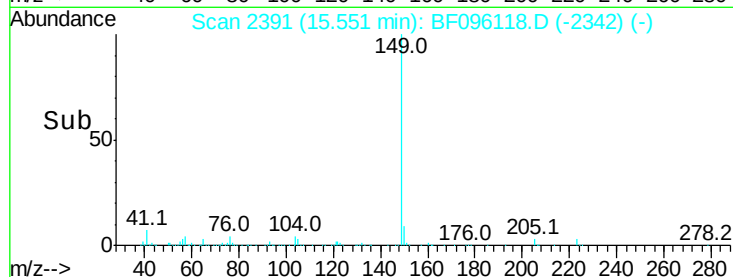
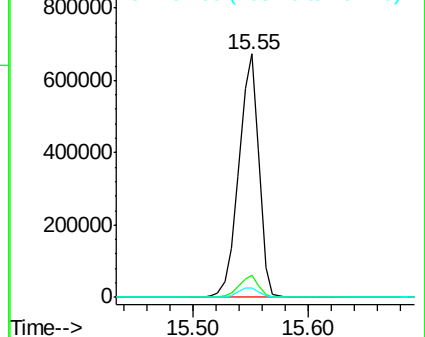
104 4.1 4.0 6.0



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: 47.64 ng

RT: 16.36 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

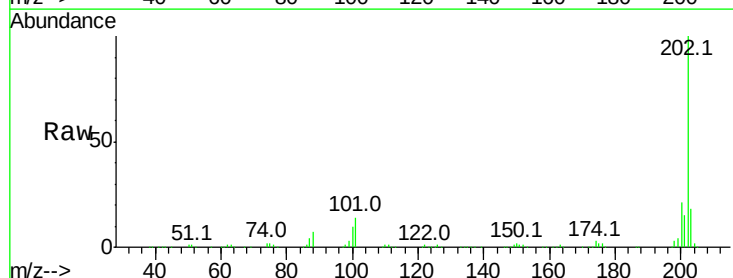
Tgt Ion:202 Resp: 693927

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

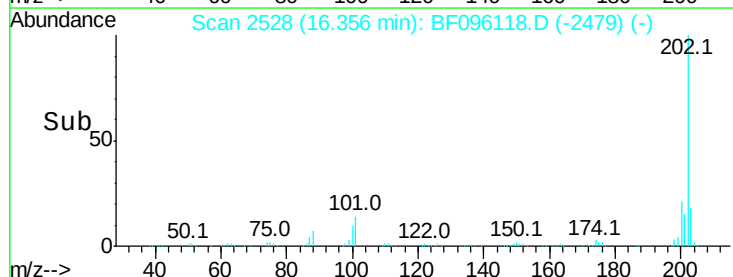
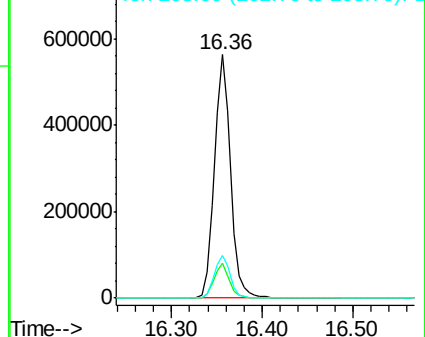
203 17.7 0.0 38.1

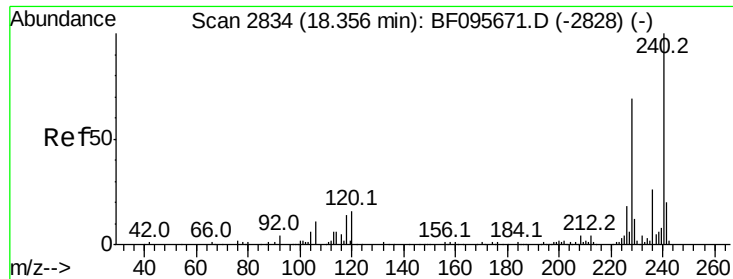


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampleId :

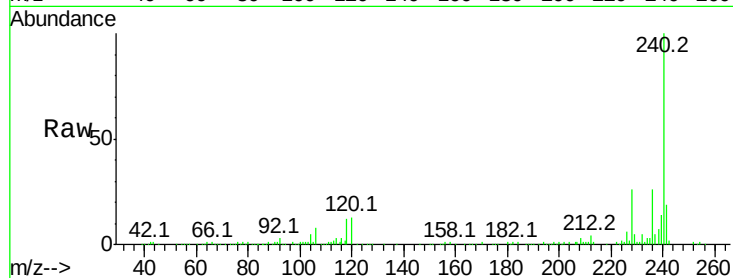
Tot Ion:240 Resp: 185465

Ion Ratio Lower Upper

240 100

120 12.6 5.8 8.8#

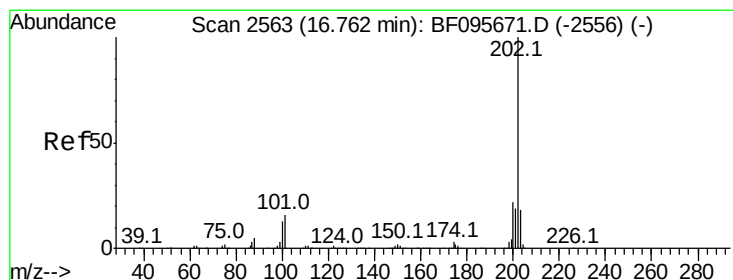
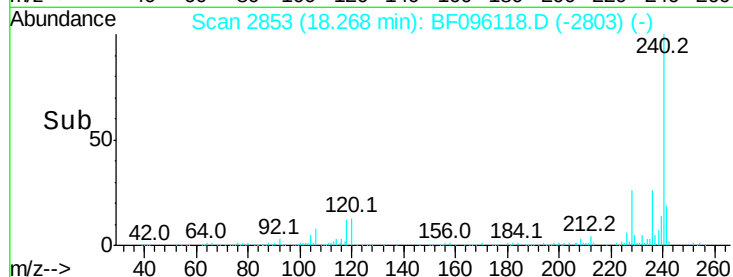
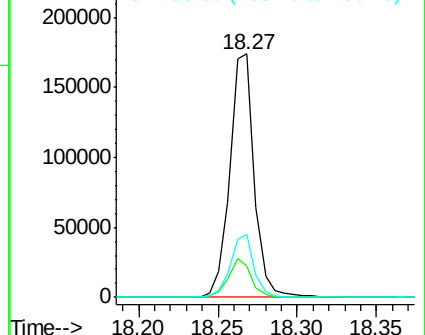
236 25.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 50.52 ng

RT: 16.66 min Scan# 2580

Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

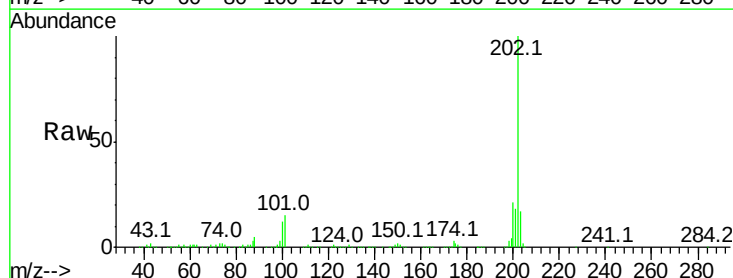
Tgt Ion:202 Resp: 699179

Ion Ratio Lower Upper

202 100

200 20.6 17.6 26.4

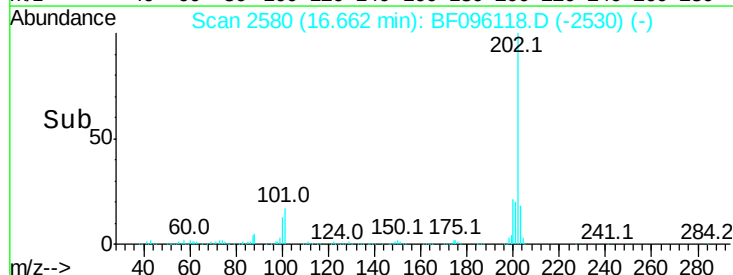
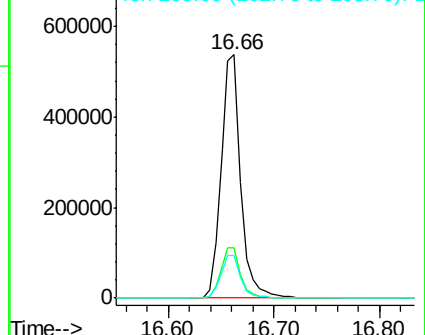
203 17.4 14.4 21.6

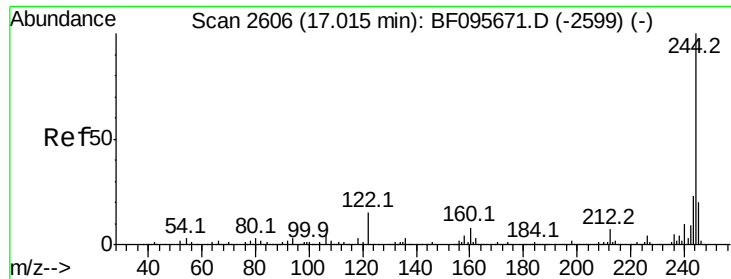


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

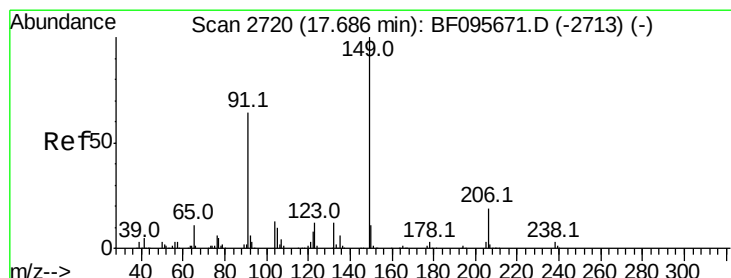
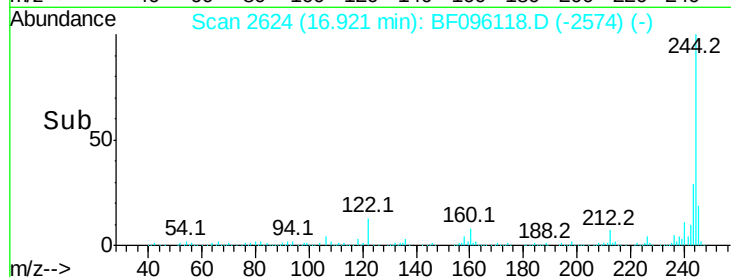
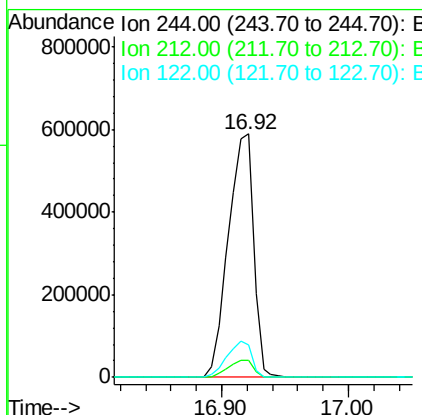
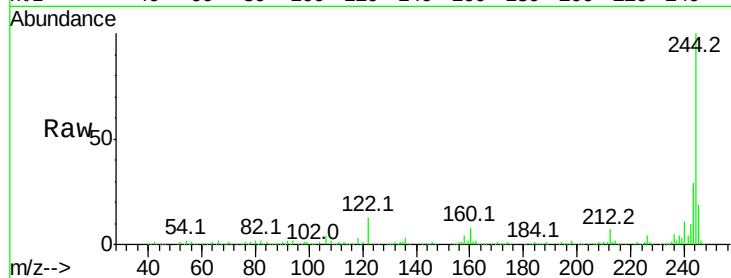




#78
 Terphenyl-d14
 Concen: 108.48 ng
 RT: 16.92 min Scan# 2624
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

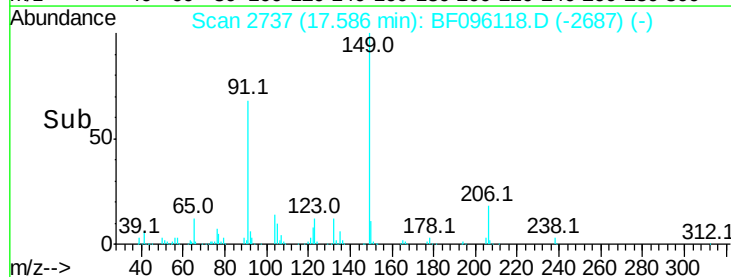
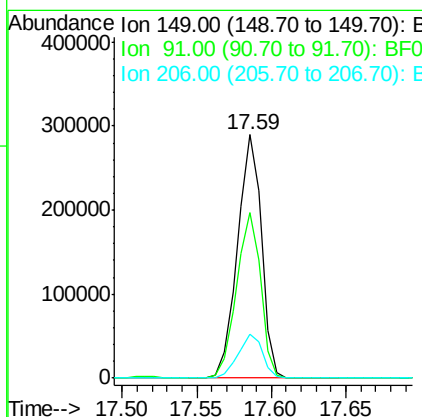
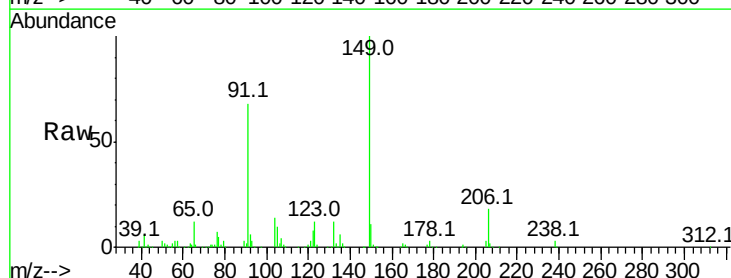
Instrument :
 BNA_F
 ClientSampleId :

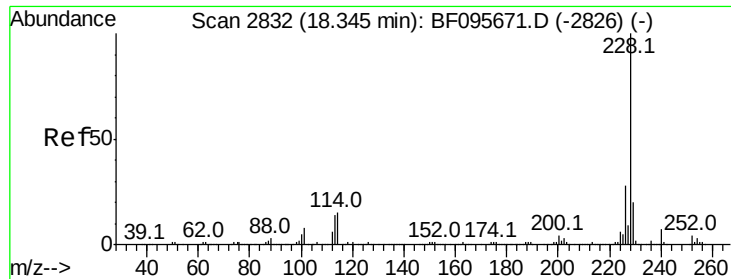
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	13.4	10.3	15.5



#79
 Butylbenzylphthalate
 Concen: 53.86 ng
 RT: 17.59 min Scan# 2737
 Delta R.T. -0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.1	45.0	67.4#
206	17.8	17.0	25.6

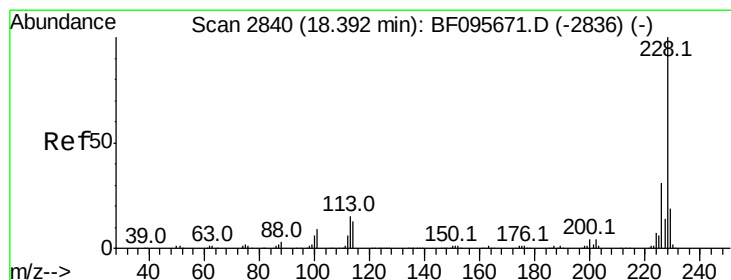
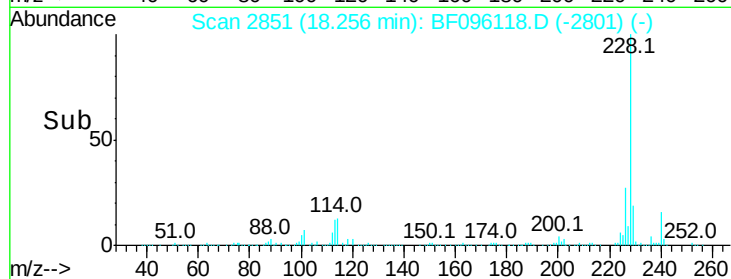
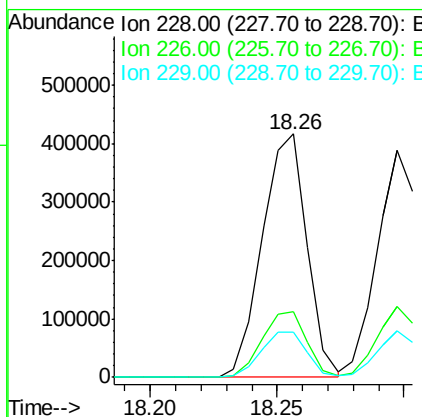
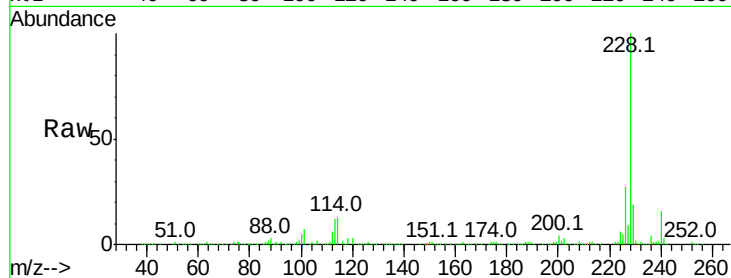




#80
Benzo(a)anthracene
Concen: 47.44 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

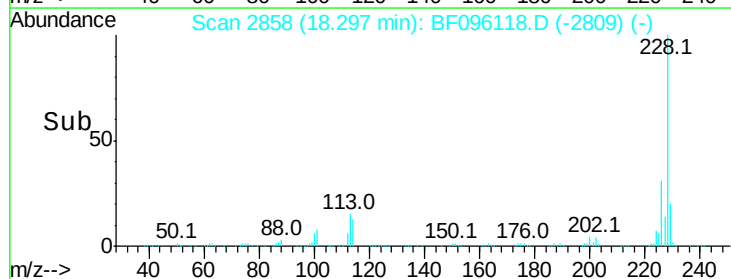
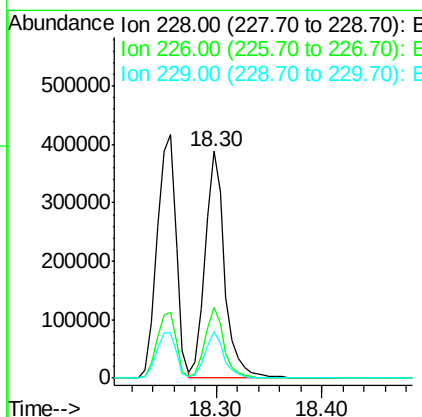
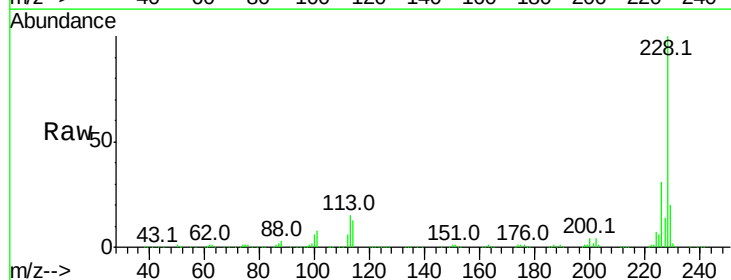
Instrument :
BNA_F
ClientSampleId :

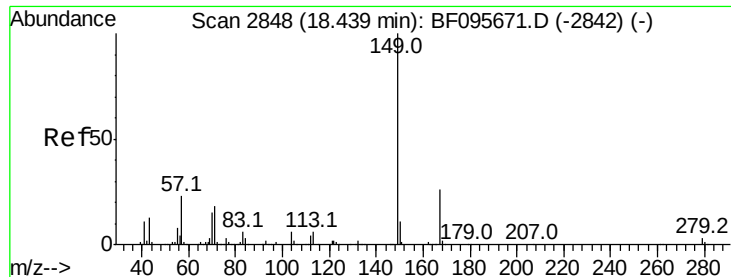
Tot Ion:228 Resp: 511599
Ion Ratio Lower Upper
228 100
226 27.0 22.6 33.8
229 18.7 16.3 24.5



#82
Chrysene
Concen: 46.34 ng
RT: 18.30 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion:228 Resp: 499330
Ion Ratio Lower Upper
228 100
226 31.4 24.9 37.3
229 20.2 15.8 23.6





#83

Bis(2-ethylhexyl)phthalate

Concen: 55.54 ng

RT: 18.34 min Scan# 2865

Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampleId :

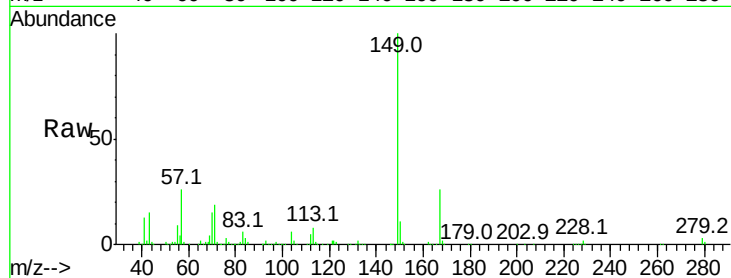
Tot Ion:149 Resp: 473506

Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.4

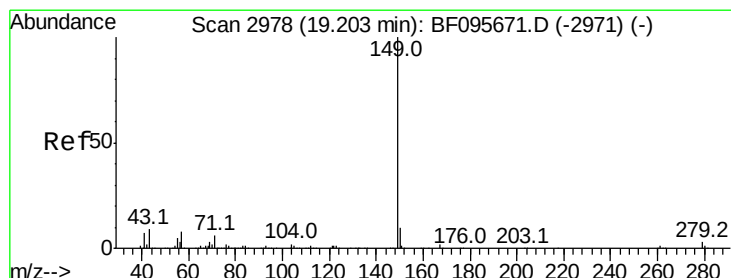
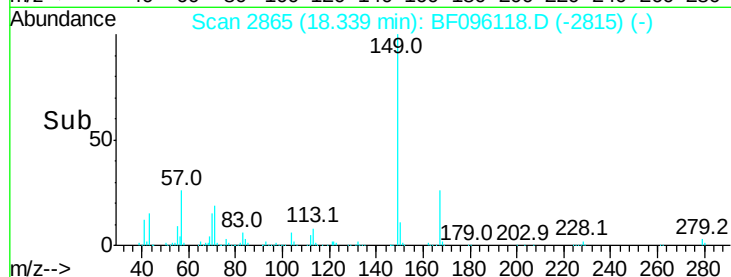
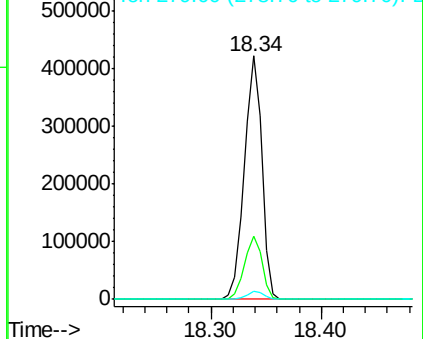
279 3.1 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 51.89 ng

RT: 19.11 min Scan# 2996

Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

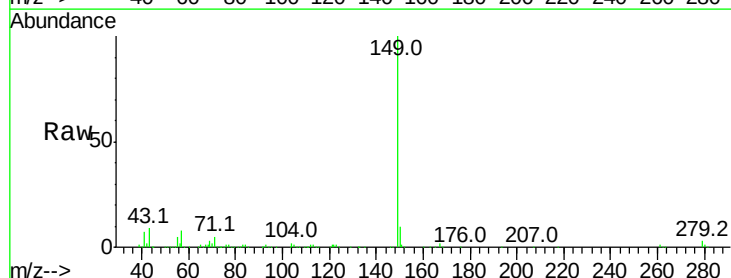
Tgt Ion:149 Resp: 728920

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

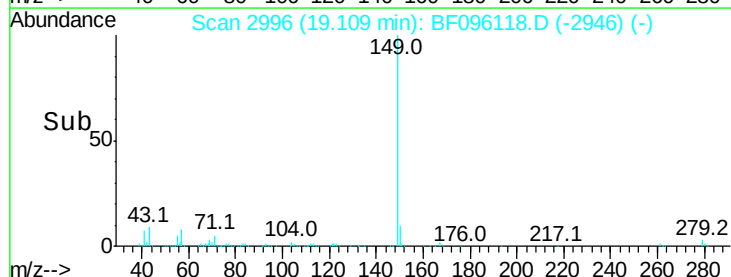
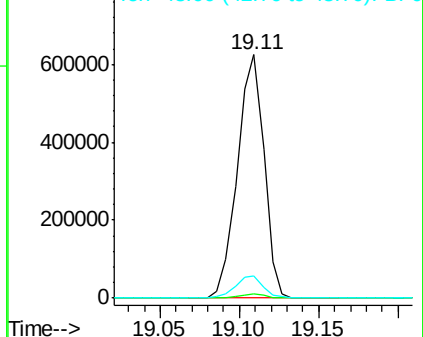
43 9.0 8.5 12.7

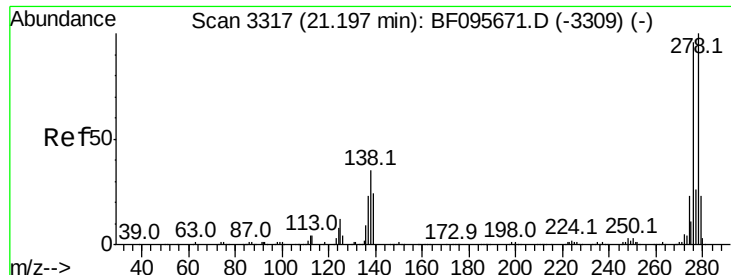


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

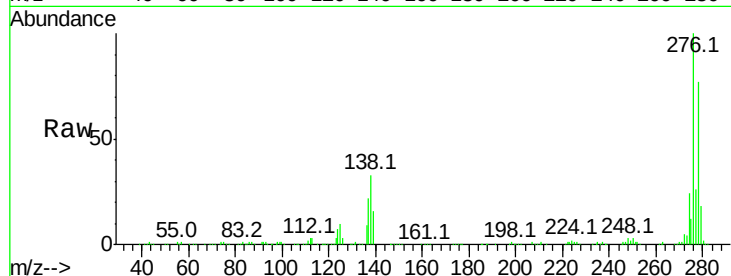




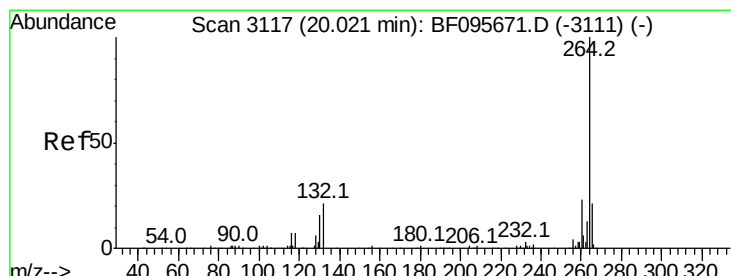
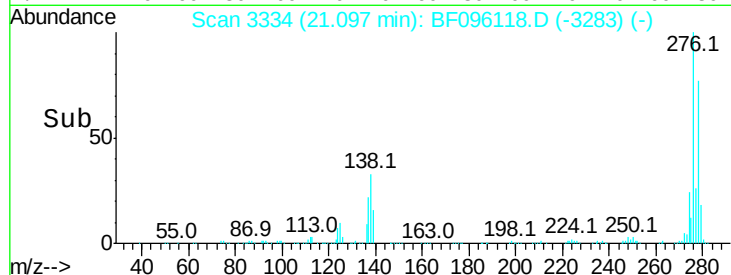
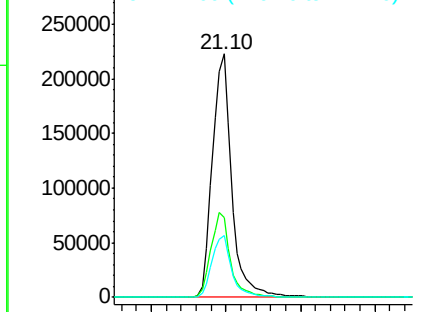
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 43.35 ng
 RT: 21.10 min Scan# 3334
 Delta R.T. 0.00 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 399708
 Ion Ratio Lower Upper
 276 100
 138 35.2 27.8 41.6
 277 25.8 20.2 30.4

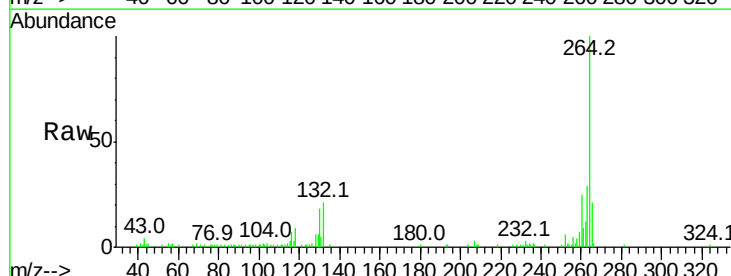


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

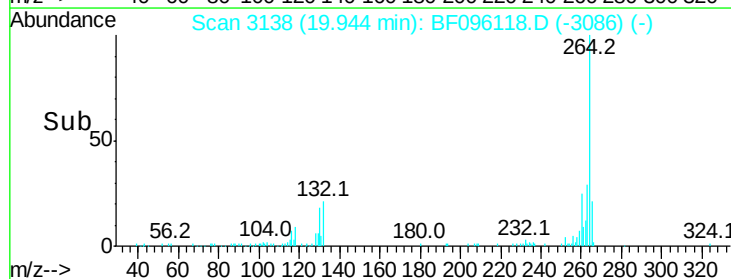
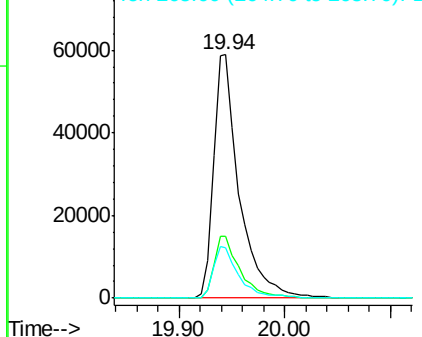


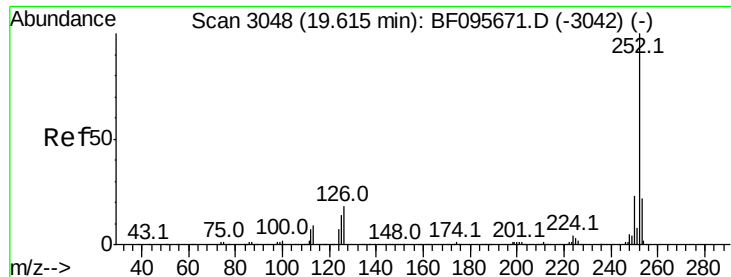
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. 0.01 min
 Lab File: BF096118.D
 Acq: 22 Jun 2017 13:03

Tgt Ion:264 Resp: 100525
 Ion Ratio Lower Upper
 264 100
 260 25.2 19.5 29.3
 265 20.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

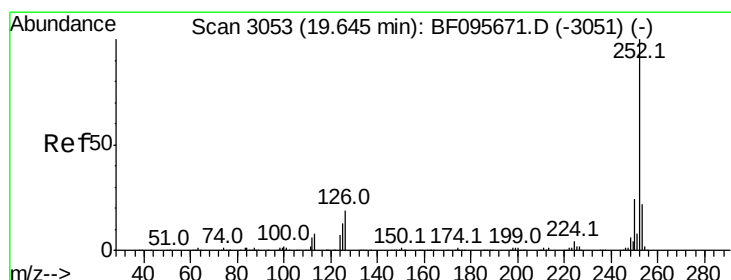
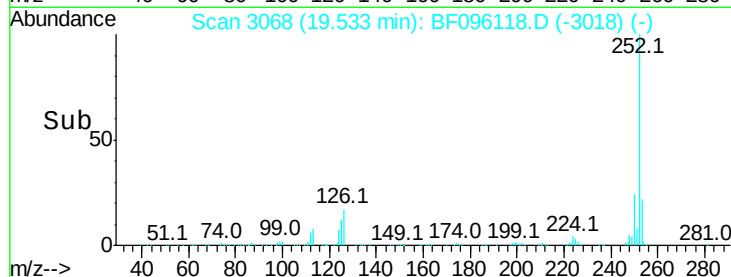
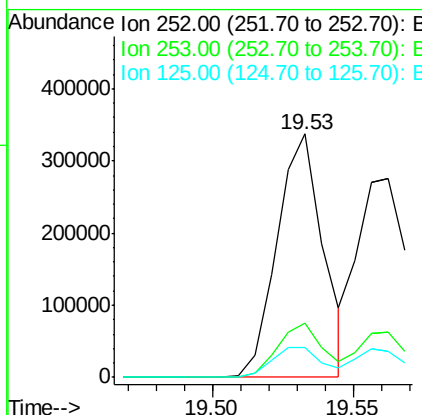
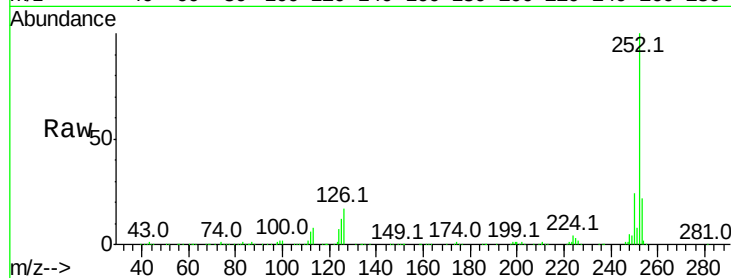




#87
Benzo(b)fluoranthene
Concen: 60.63 ng
RT: 19.53 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

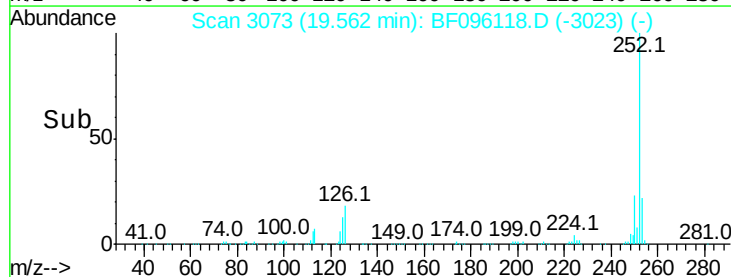
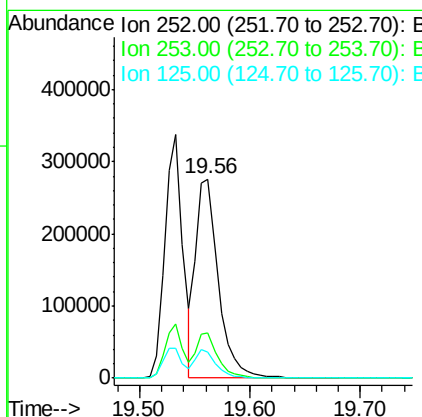
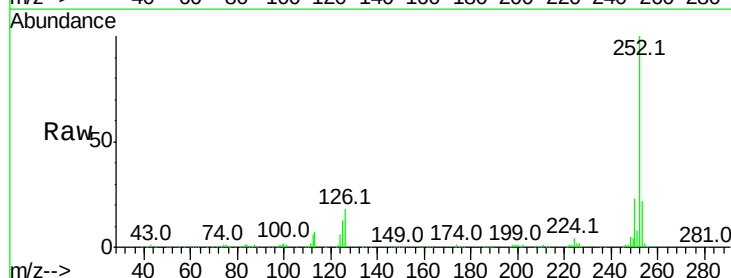
Instrument :
BNA_F
ClientSampleId :

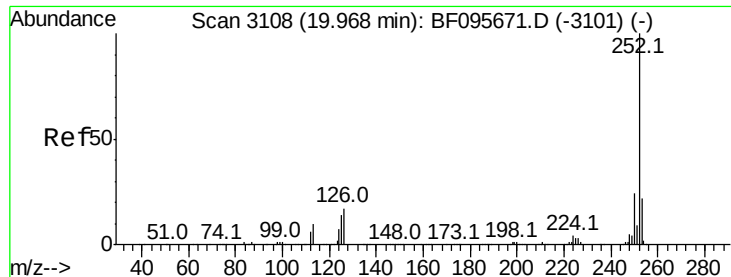
Tot Ion:252 Resp: 381614
Ion Ratio Lower Upper
252 100
253 22.3 18.1 27.1
125 12.3 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 64.02 ng
RT: 19.56 min Scan# 3073
Delta R.T. -0.01 min
Lab File: BF096118.D
Acq: 22 Jun 2017 13:03

Tgt Ion:252 Resp: 385191
Ion Ratio Lower Upper
252 100
253 22.5 18.4 27.6
125 12.8 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 60.14 ng

RT: 19.88 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampleId :

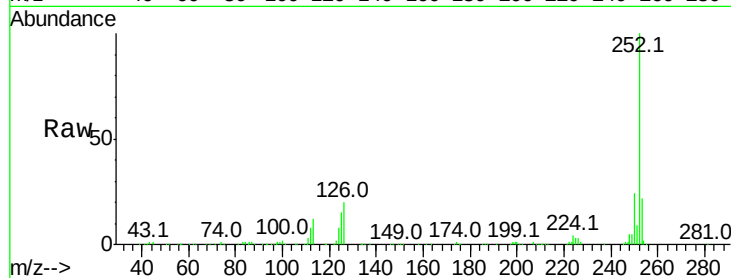
Tot Ion:252 Resp: 347909

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

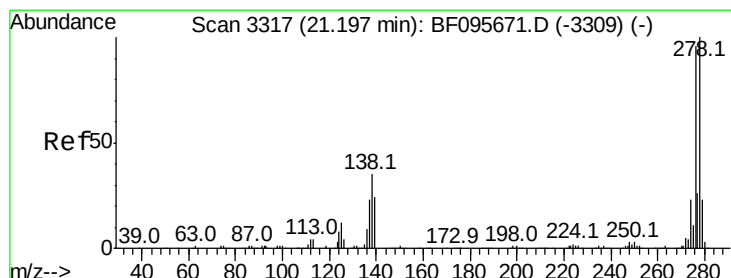
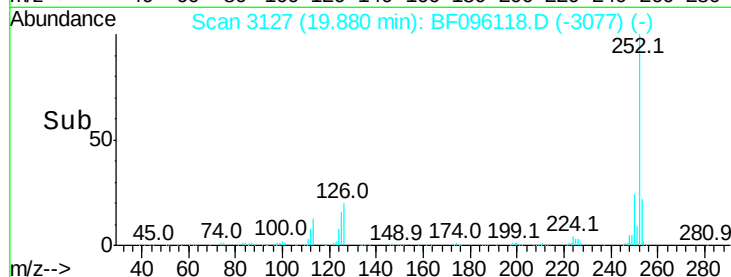
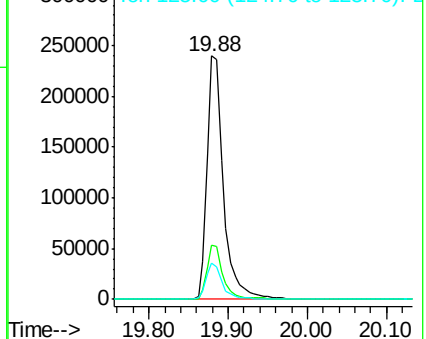
125 15.0 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 71.42 ng

RT: 21.09 min Scan# 3333

Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

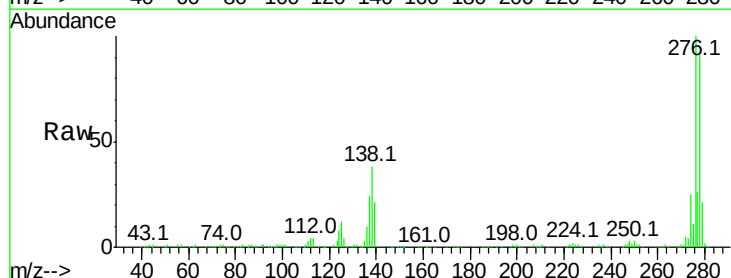
Tgt Ion:278 Resp: 350519

Ion Ratio Lower Upper

278 100

139 23.3 16.6 24.8

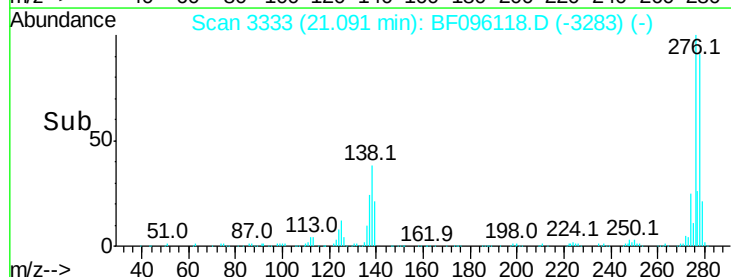
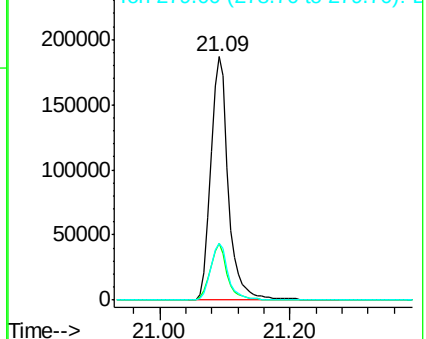
279 23.2 19.3 28.9

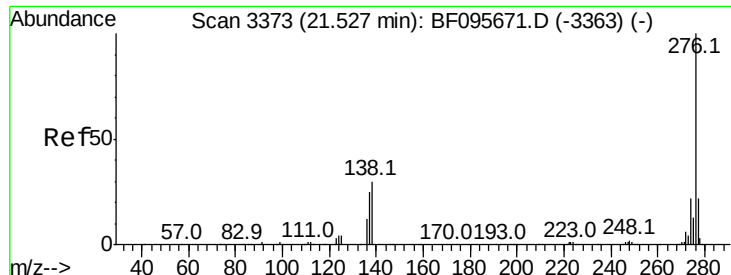


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 69.87 ng

RT: 21.41 min Scan# 3388

Delta R.T. -0.01 min

Lab File: BF096118.D

Acq: 22 Jun 2017 13:03

Instrument :

BNA_F

ClientSampleId :

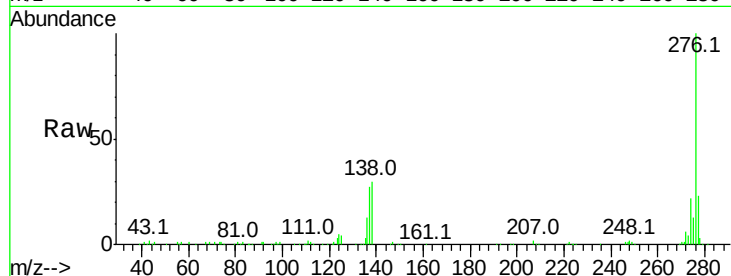
Tot Ion:276 Resp: 349584

Ion Ratio Lower Upper

276 100

277 23.1 18.6 28.0

138 29.5 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

