

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096012.D
 Acq On : 19 Jun 2017 18:23
 Operator : SJ/MA
 Sample : PB99828BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 20 01:06:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	69413	20.00	ng	-0.02
21) Naphthalene-d8	9.34	136	289842	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	128962	20.00	ng	-0.02
63) Phenanthrene-d10	14.55	188	214446	20.00	ng	-0.02
75) Chrysene-d12	18.27	240	128689	20.00	ng	-0.02
86) Perylene-d12	19.95	264	125972	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	624997	143.47	ng	-0.01
7) Phenol-d6	6.89	99	725990	139.21	ng	-0.02
23) Nitrobenzene-d5	8.23	82	435546	93.32	ng	-0.02
41) 2,4,6-Tribromophenol	13.46	330	144866	126.96	ng	-0.02
44) 2-Fluorobiphenyl	11.12	172	849778	91.70	ng	-0.02
78) Terphenyl-d14	16.93	244	609785	117.60	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	1.69	88	66667	32.17	ng	92
3) Pyridine	2.23	79	177368	36.42	ng	98
4) n-Nitrosodimethylamine	2.20	42	80707	43.59	ng	81
6) Aniline	6.81	93	220847	32.37	ng	95
8) 2-Chlorophenol	6.99	128	224698	48.51	ng	98
9) Benzaldehyde	6.63	77	63475	18.04	ng	98
10) Phenol	6.90	94	264249	48.85	ng	89
11) bis(2-Chloroethyl)ether	6.95	93	199120	46.46	ng	98
12) 1,3-Dichlorobenzene	7.20	146	228939	43.67	ng	100
13) 1,4-Dichlorobenzene	7.33	146	236950	44.57	ng	97
14) 1,2-Dichlorobenzene	7.56	146	219347	44.75	ng	96
15) Benzyl Alcohol	7.62	79	175452	49.02	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.80	45	279527	46.42	ng	98
17) 2-Methylphenol	7.85	107	183460	47.20	ng	98
18) Hexachloroethane	8.07	117	81273	46.29	ng	# 82
19) n-Nitroso-di-n-propylamine	8.05	70	156356	47.31	ng	93
20) 3+4-Methylphenols	8.12	107	238630	48.36	ng	# 54
22) Acetophenone	8.00	105	307406	45.31	ng	# 84
24) Nitrobenzene	8.26	77	216367	43.40	ng	94
25) Isophorone	8.66	82	391853	44.97	ng	96
26) 2-Nitrophenol	8.77	139	122837	47.05	ng	99
27) 2,4-Dimethylphenol	8.93	122	195703	48.31	ng	96
28) bis(2-Chloroethoxy)methane	9.04	93	261582	45.54	ng	99
29) 2,4-Dichlorophenol	9.20	162	175778	45.05	ng	97
30) 1,2,4-Trichlorobenzene	9.27	180	181826	44.79	ng	99
31) Naphthalene	9.37	128	627735	43.15	ng	99
32) Benzoic acid	9.31	122	82259	34.14	ng	95
33) 4-Chloroaniline	9.54	127	135689	23.87	ng	# 93
34) Hexachlorobutadiene	9.59	225	93084	44.37	ng	98
35) Caprolactam	10.17	113	32361	27.87	ng	86
36) 4-Chloro-3-methylphenol	10.42	107	186154	45.58	ng	90
37) 2-Methylnaphthalene	10.50	142	437160	44.48	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.78	216	169820	44.00	ng	99
40) Hexachlorocyclopentadiene	10.75	237	59582	53.57	ng	97

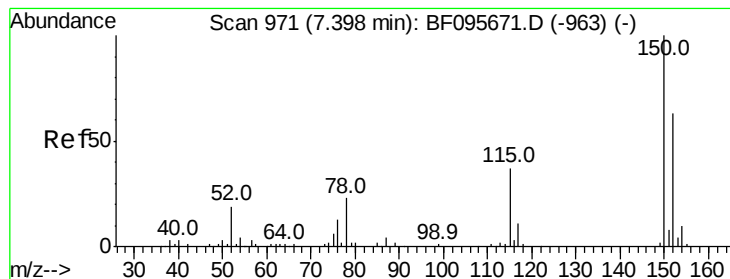
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096012.D
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 Operator : SJ/MA
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.02	196	112331	45.27	nq	99
43) 2,4,5-Trichlorophenol	11.11	196	107691	40.80	nq	95
45) 1,1'-Biphenyl	11.27	154	480994	45.25	nq	98
46) 2-Chloronaphthalene	11.28	162	370900	44.66	nq	95
47) 2-Nitroaniline	11.51	65	107163	44.10	nq	# 80
48) Acenaphthylene	11.93	152	566186	39.87	nq	98
49) Dimethylphthalate	11.83	163	440691	45.01	nq	98
50) 2,6-Dinitrotoluene	11.92	165	88767	41.56	nq	# 65
51) Acenaphthene	12.21	154	342220	41.73	nq	98
52) 3-Nitroaniline	12.19	138	68170	27.40	nq	91
53) 2,4-Dinitrophenol	12.43	184	46736	41.99	nq	# 68
54) Dibenzofuran	12.50	168	522743	45.29	nq	98
55) 4-Nitrophenol	12.62	139	96203	67.01	nq	# 75
56) 2,4-Dinitrotoluene	12.60	165	130118	45.11	nq	93
57) Fluorene	13.05	166	413846	41.20	nq	100
58) 2,3,4,6-Tetrachlorophenol	12.76	232	83056	45.99	nq	# 95
59) Diethylphthalate	12.97	149	430885	45.73	nq	99
60) 4-Chlorophenyl-phenylether	13.08	204	187635	42.95	nq	91
61) 4-Nitroaniline	13.19	138	88373	38.04	nq	97
62) Azobenzene	13.34	77	390201	45.69	nq	93
64) 4,6-Dinitro-2-methylphenol	13.27	198	44395	31.50	nq	86
65) n-Nitrosodiphenylamine	13.30	169	354758	46.04	nq	98
66) 4-Bromophenyl-phenylether	13.86	248	104144	46.73	nq	97
67) Hexachlorobenzene	13.94	284	101187	46.07	nq	# 88
68) Atrazine	14.22	200	108898	50.78	nq	96
69) Pentachlorophenol	14.32	266	50945	62.73	nq	97
70) Phenanthrene	14.59	178	557969	45.09	nq	98
71) Anthracene	14.67	178	577013	44.67	nq	98
72) Carbazole	14.97	167	517905	41.14	nq	98
73) Di-n-butylphthalate	15.57	149	659735	49.26	nq	99
74) Fluoranthene	16.37	202	510193	41.66	nq	99
76) Benzidine	16.61	184	213190	43.13	nq	# 93
77) Pyrene	16.67	202	498620	51.93	nq	100
79) Butylbenzylphthalate	17.60	149	230644	55.00	nq	# 85
80) Benzo(a)anthracene	18.26	228	342538	45.78	nq	98
81) 3,3'-Dichlorobenzidine	18.25	252	98023	36.85	nq	# 96
82) Chrysene	18.31	228	335843	44.92	nq	98
83) Bis(2-ethylhexyl)phthalate	18.35	149	318193	53.79	nq	# 100
84) Di-n-octyl phthalate	19.12	149	477718	49.01	nq	95
85) Indeno(1,2,3-cd)pyrene	21.10	276	358630	56.06	nq	100
87) Benzo(b)fluoranthene	19.54	252	346030	43.87	nq	98
88) Benzo(k)fluoranthene	19.57	252	315056	41.79	nq	95
89) Benzo(a)pyrene	19.89	252	330283	45.56	nq	99
90) Dibenzo(a,h)anthracene	21.10	278	301471	49.02	nq	97
91) Benzo(g,h,i)perylene	21.43	276	302686	48.28	nq	96

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

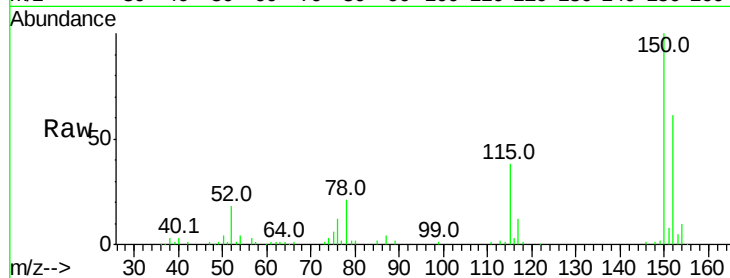


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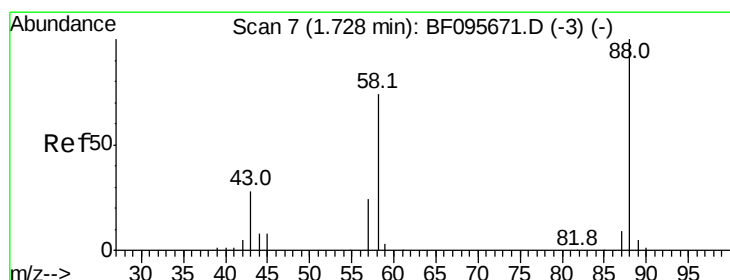
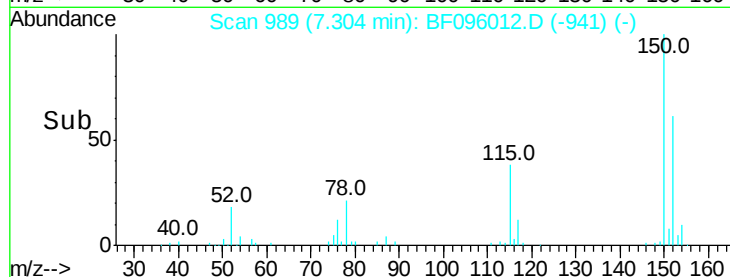
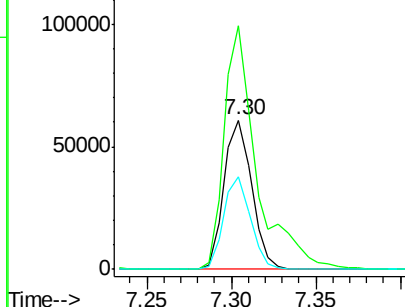
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 989
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 69413
Ion Ratio Lower Upper
152 100
150 163.5 126.2 189.2
115 61.9 52.2 78.2



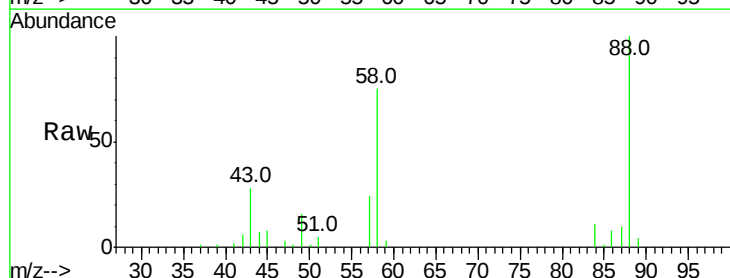
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



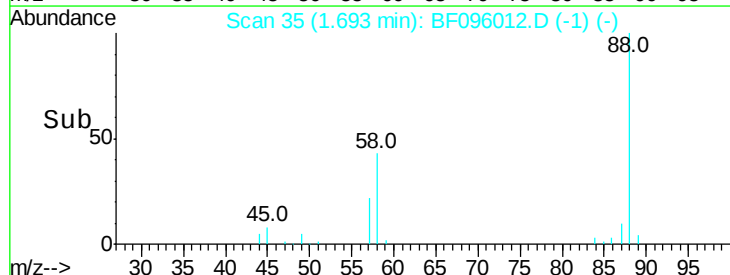
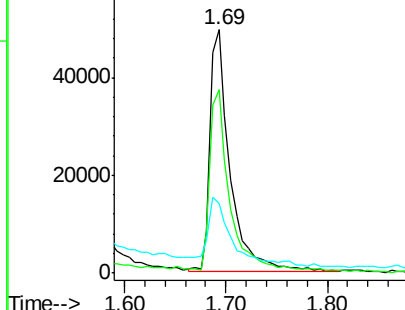
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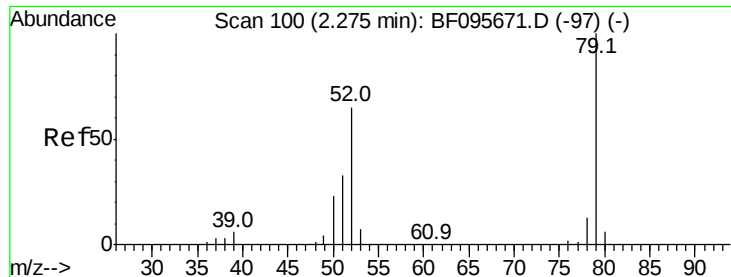
1,4-Dioxane
Concen: 32.17 ng
RT: 1.69 min Scan# 35
Delta R.T. 0.06 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion: 88 Resp: 66667
Ion Ratio Lower Upper
88 100
58 70.3 61.4 92.0
43 33.7 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

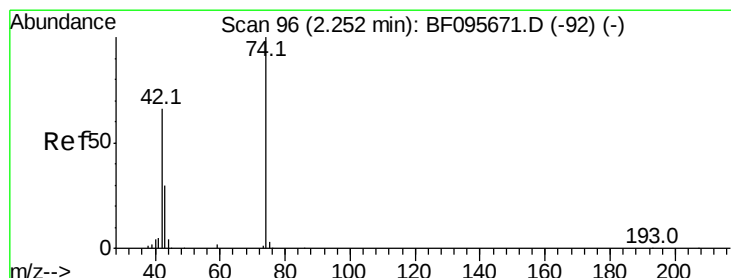
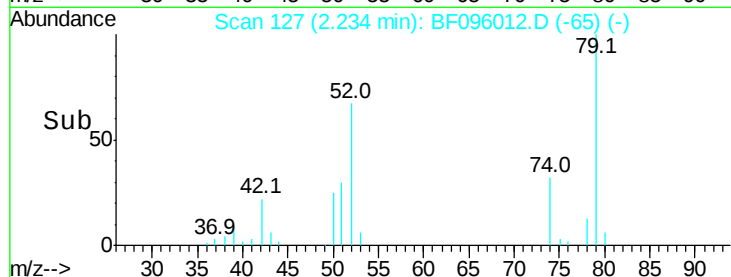
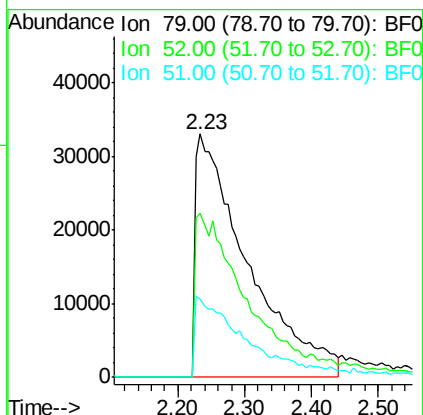
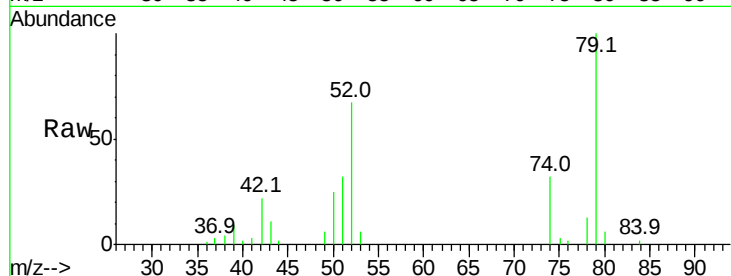




#3
 Pvridine
 Concen: 36.42 ng
 RT: 2.23 min Scan# 127
 Delta R.T. 0.06 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

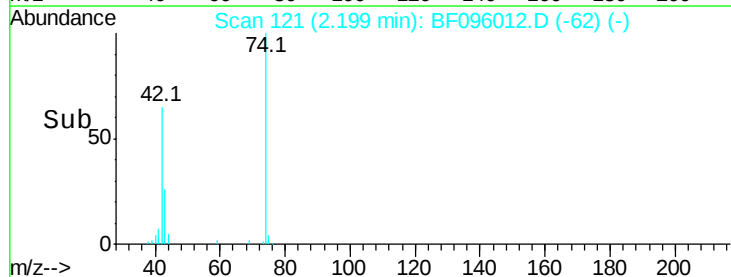
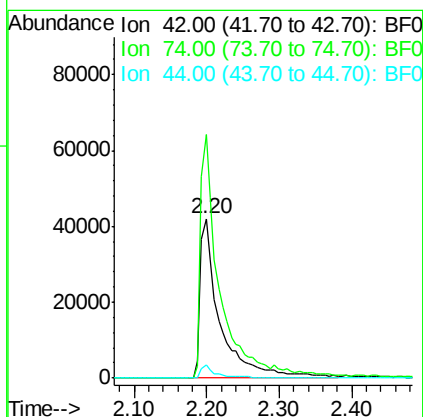
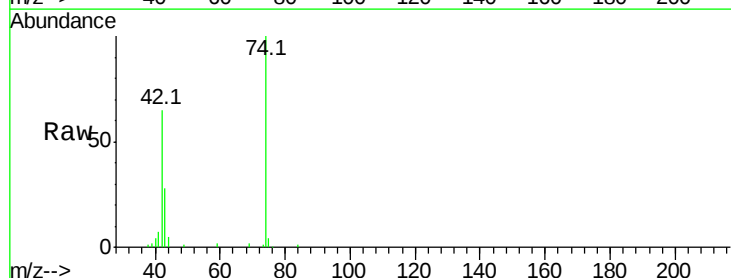
Instrument :
 BNA_F
 ClientSampleId :

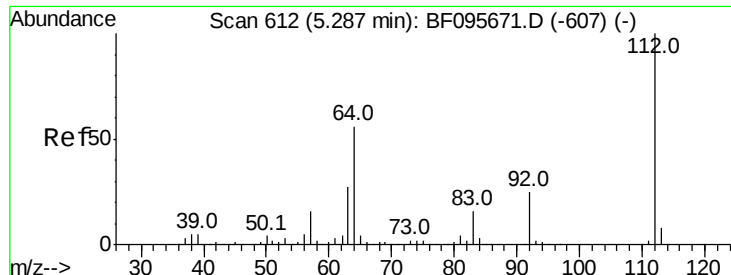
Tot Ion: 79 Resp: 177368
 Ion Ratio Lower Upper
 79 100
 52 67.3 54.8 82.2
 51 32.2 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 43.59 ng
 RT: 2.20 min Scan# 121
 Delta R.T. 0.05 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion: 42 Resp: 80707
 Ion Ratio Lower Upper
 42 100
 74 152.8 103.9 155.9
 44 7.9 5.7 8.5





#5

2-Fluorophenol

Concen: 143.47 ng

RT: 5.20 min Scan# 632

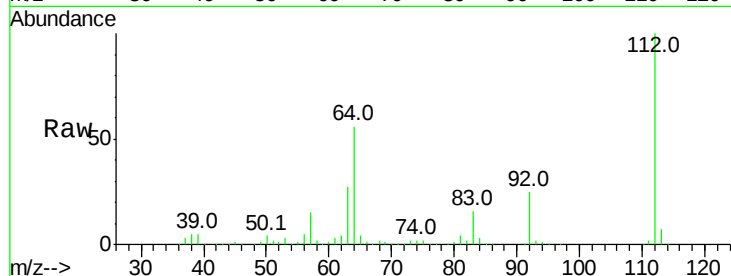
Delta R.T. -0.01 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :

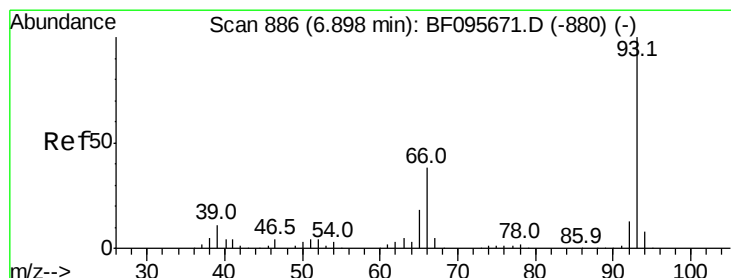
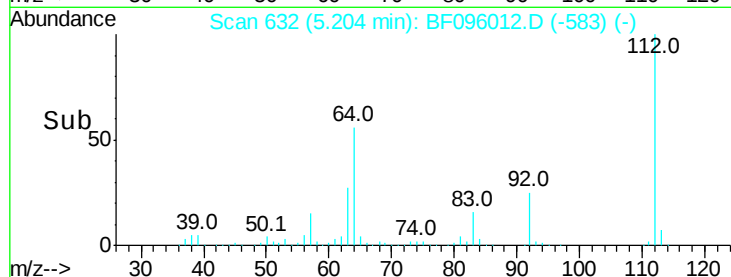
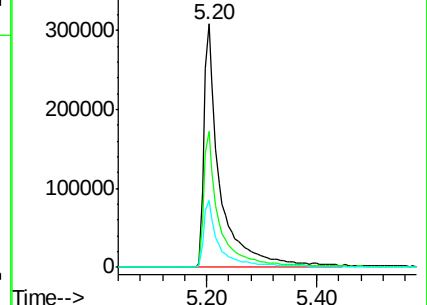
Tot Ion:	112	Resp:	624997
Ion	Ratio	Lower	Upper
112	100		
64	55.8	46.0	69.0
63	27.3	23.4	35.0



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: 32.37 ng

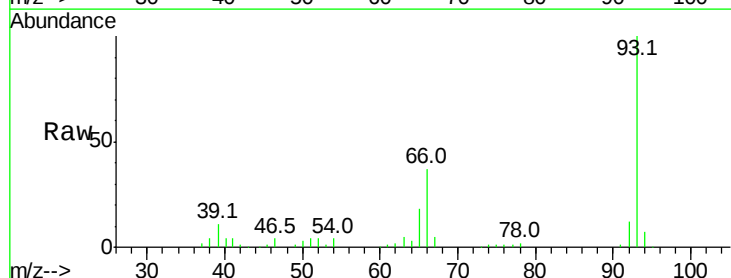
RT: 6.81 min Scan# 905

Delta R.T. -0.01 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

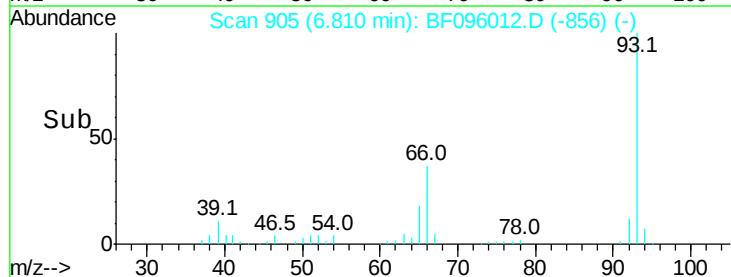
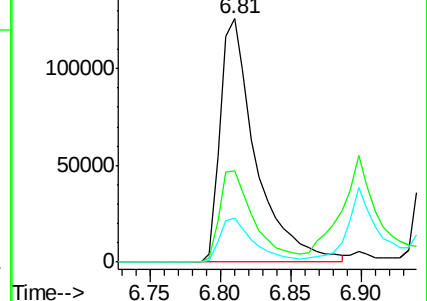
Tgt Ion:	93	Resp:	220847
Ion	Ratio	Lower	Upper
93	100		
66	37.3	32.9	49.3
65	18.1	16.0	24.0

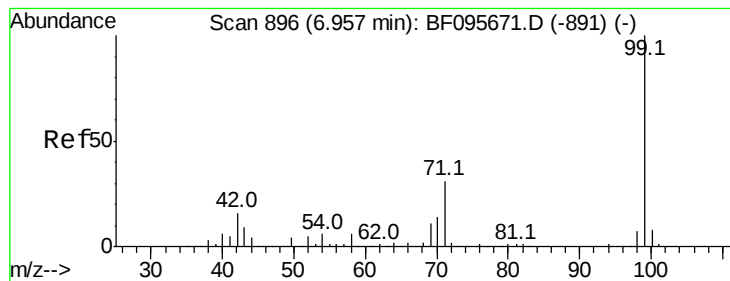


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 139.21 ng

RT: 6.89 min Scan# 918

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampled :

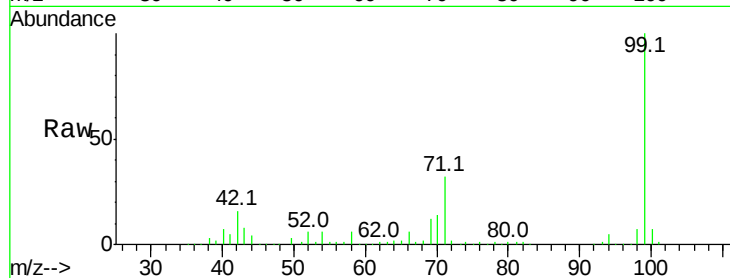
Tot Ion: 99 Resp: 725990

Ion Ratio Lower Upper

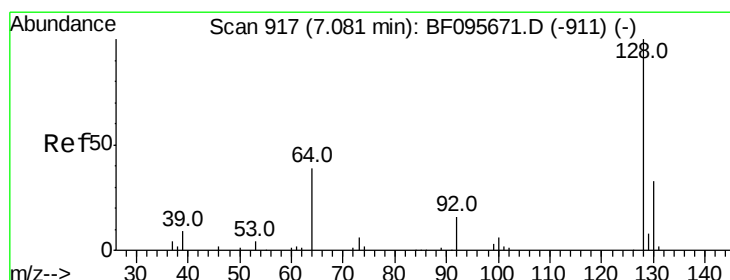
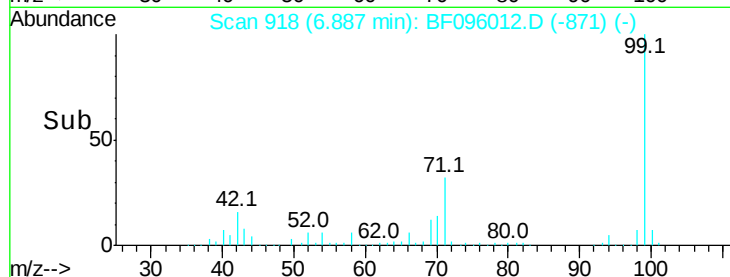
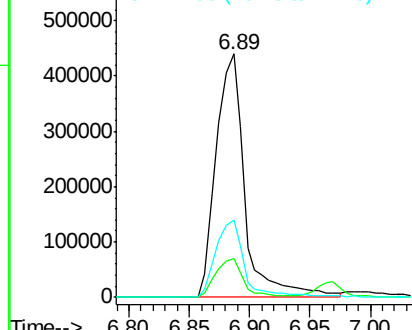
99 100

42 15.9 13.5 20.3

71 31.9 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 48.51 ng

RT: 6.99 min Scan# 936

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

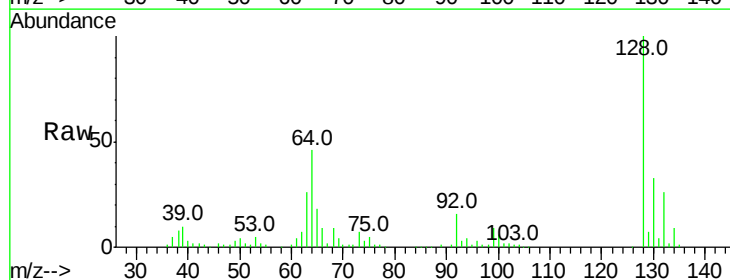
Tgt Ion: 128 Resp: 224698

Ion Ratio Lower Upper

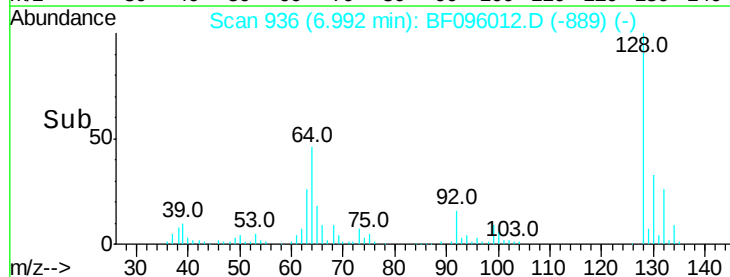
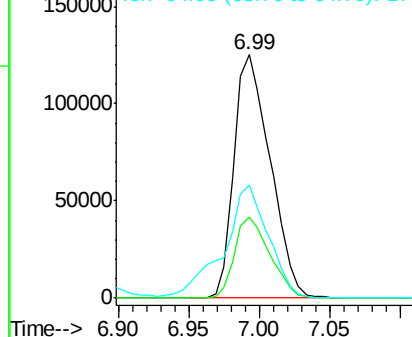
128 100

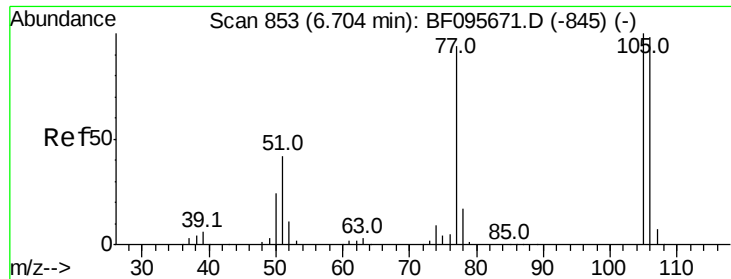
130 33.4 12.9 52.9

64 46.3 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

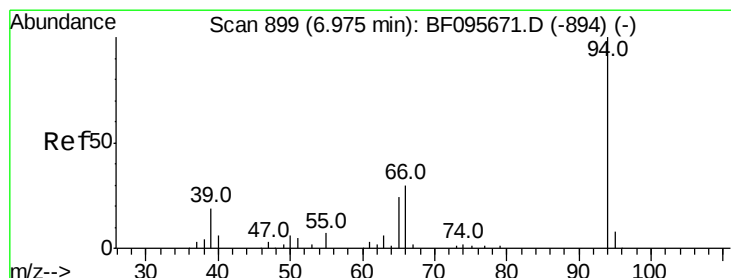
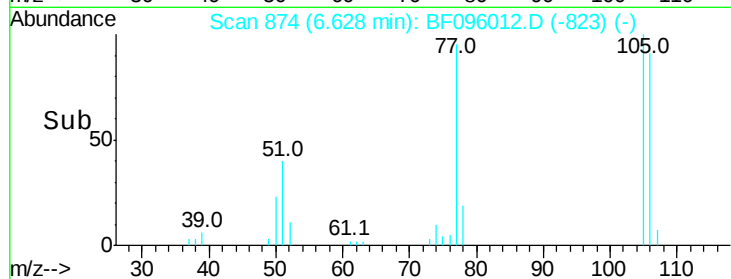
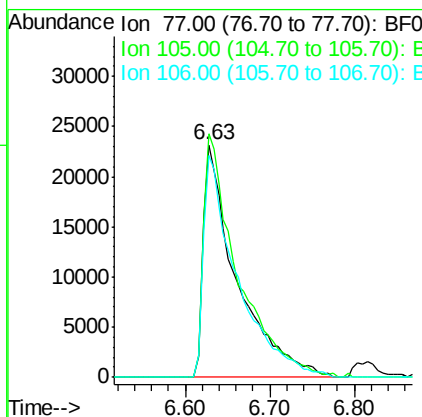
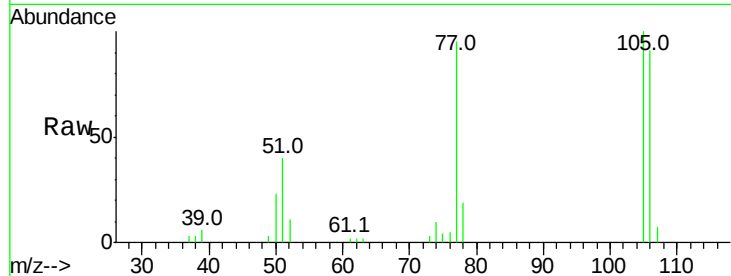




#9
Benzaldehyde
Concen: 18.04 ng
RT: 6.63 min Scan# 874
Delta R.T. 0.00 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

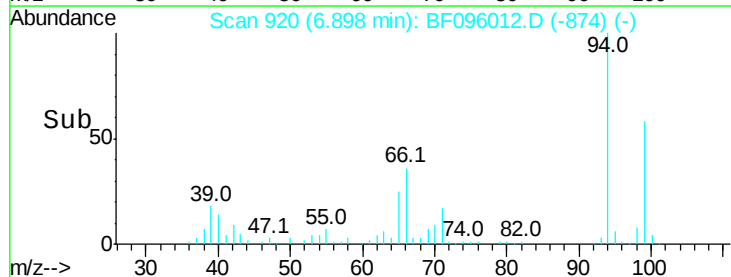
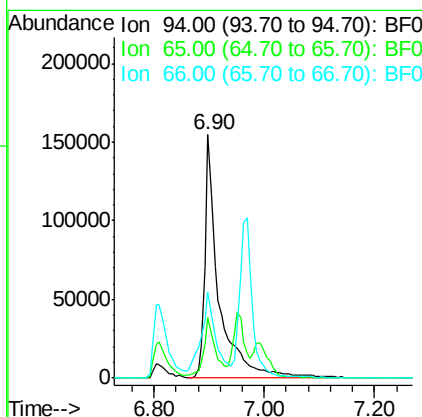
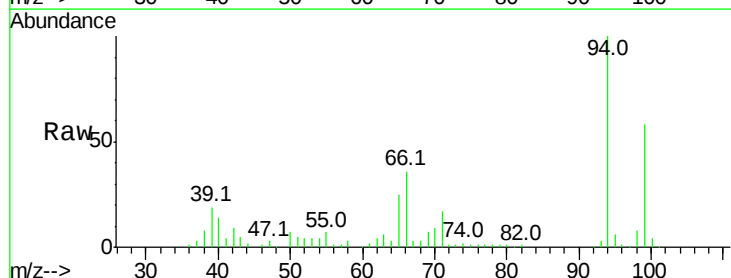
Instrument :
BNA_F
ClientSampleId :

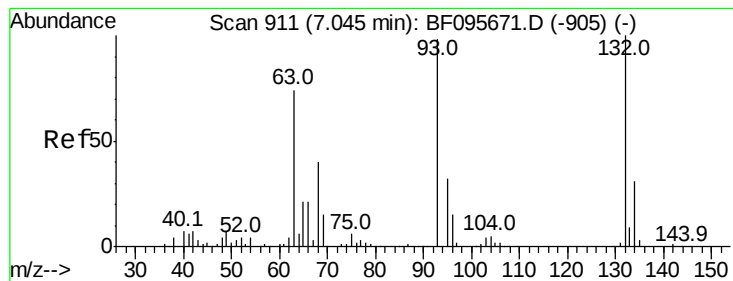
Tot Ion: 77 Resp: 63475
Ion Ratio Lower Upper
77 100
105 104.8 83.8 123.8
106 95.6 79.1 119.1



#10
Phenol
Concen: 48.85 ng
RT: 6.90 min Scan# 920
Delta R.T. -0.03 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion: 94 Resp: 264249
Ion Ratio Lower Upper
94 100
65 25.1 9.9 49.9
66 35.6 23.1 63.1

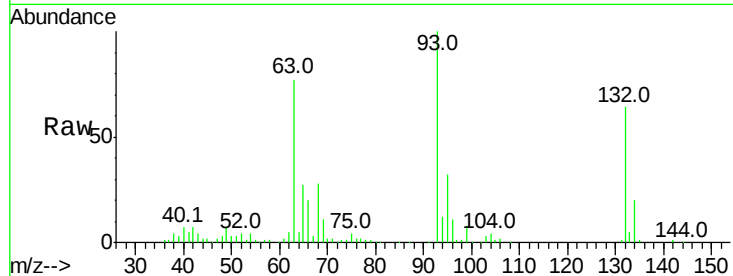




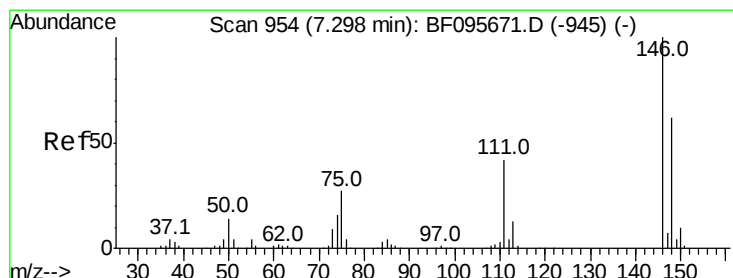
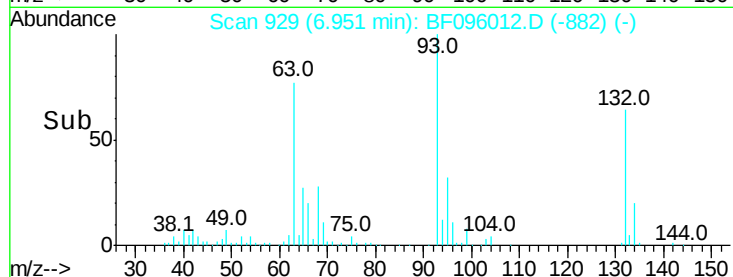
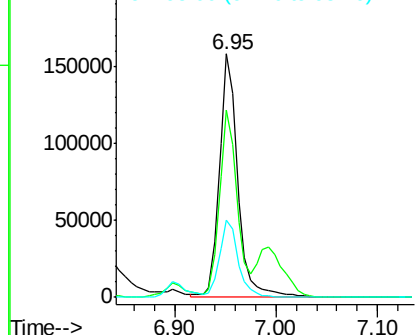
#11
bis(2-Chloroethyl)ether
Concen: 46.46 ng
RT: 6.95 min Scan# 929
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 199120
Ion Ratio Lower Upper
93 100
63 77.1 59.2 99.2
95 31.9 12.8 52.8

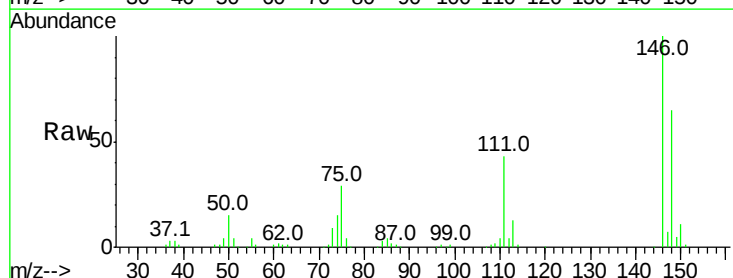


Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 63.00 (62.70 to 63.70): BF0
Ion 95.00 (94.70 to 95.70): BF0

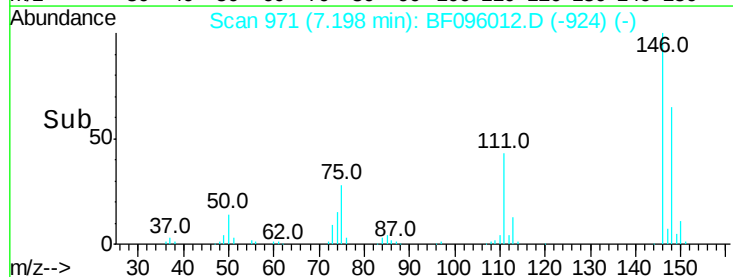
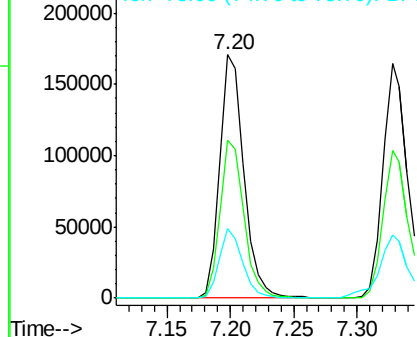


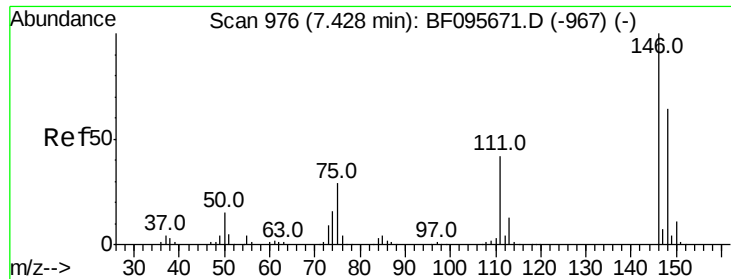
#12
1,3-Dichlorobenzene
Concen: 43.67 ng
RT: 7.20 min Scan# 971
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion:146 Resp: 228939
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
75 28.7 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 44.57 ng

RT: 7.33 min Scan# 993

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampleId :

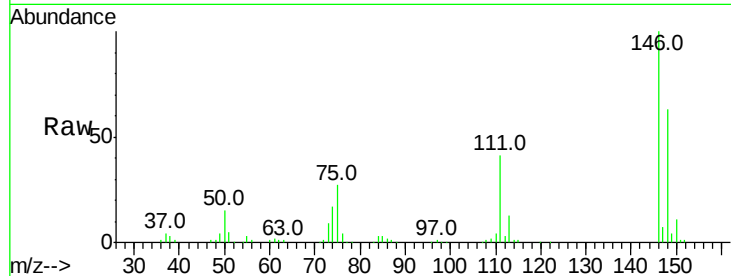
Tot Ion:146 Resp: 236950

Ion Ratio Lower Upper

146 100

148 63.0 52.2 78.2

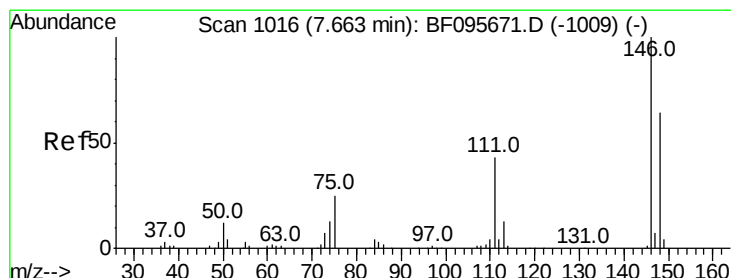
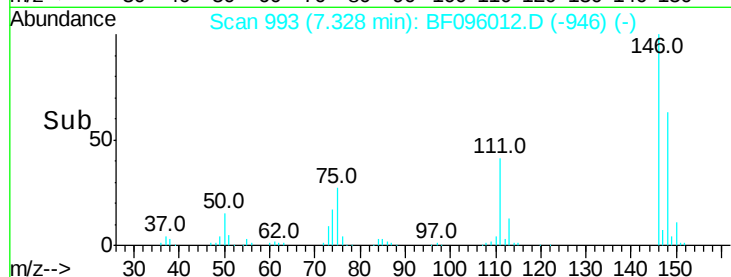
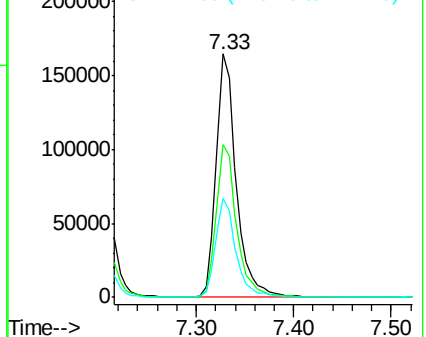
111 40.6 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 44.75 ng

RT: 7.56 min Scan# 1033

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

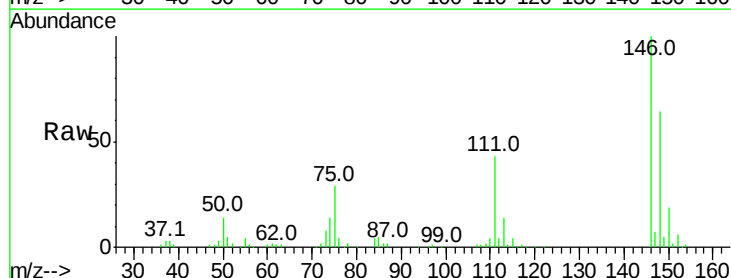
Tgt Ion:146 Resp: 219347

Ion Ratio Lower Upper

146 100

148 64.2 50.4 75.6

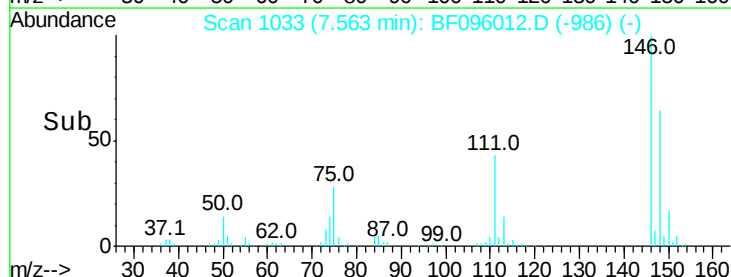
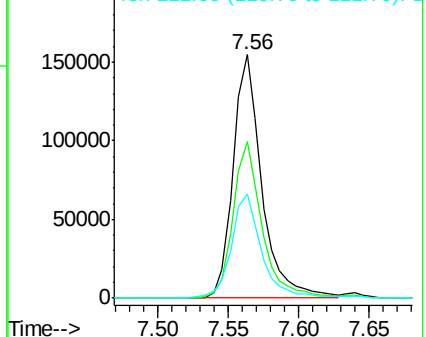
111 42.9 38.2 57.4

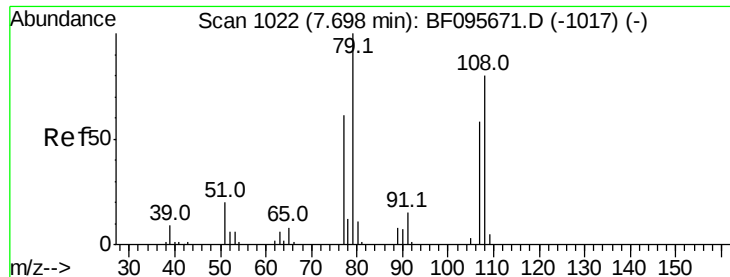


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

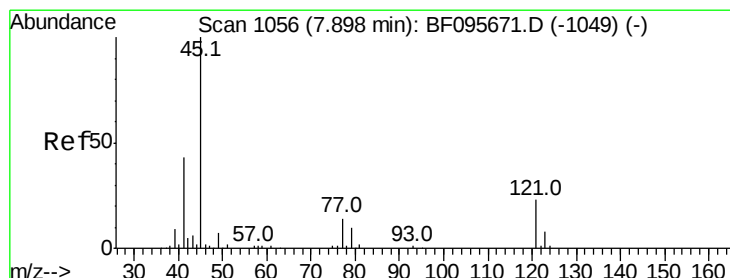
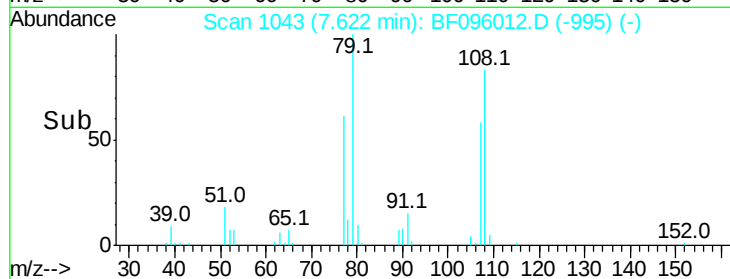
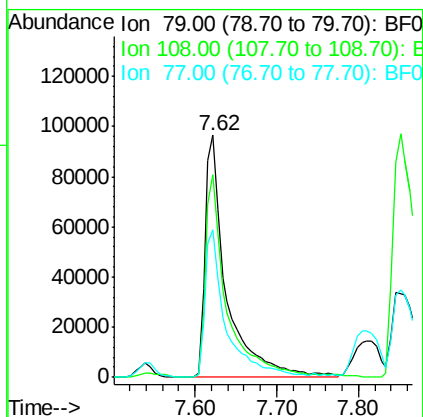
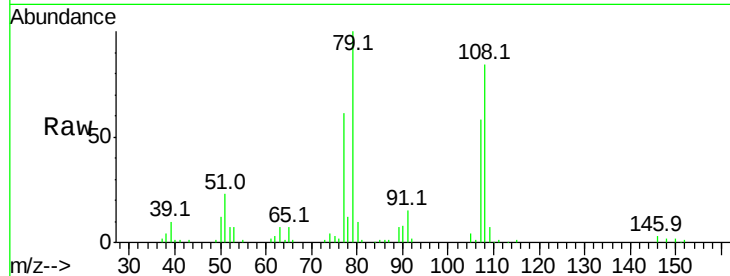




#15
Benzyl Alcohol
Concen: 49.02 ng
RT: 7.62 min Scan# 1043
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

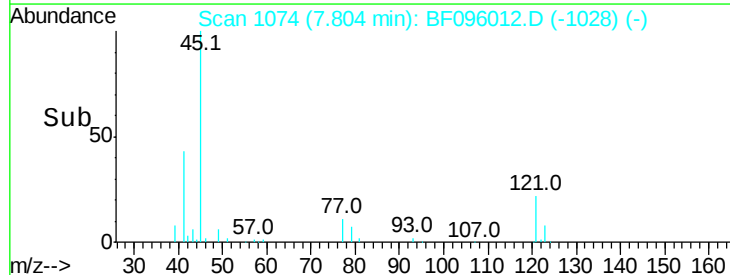
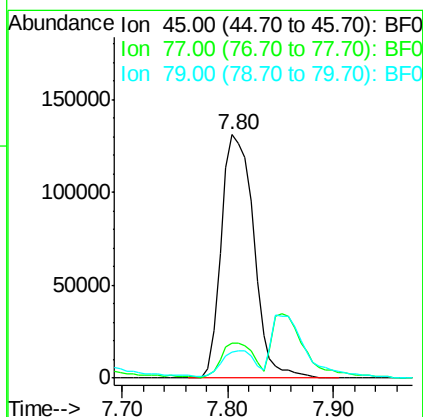
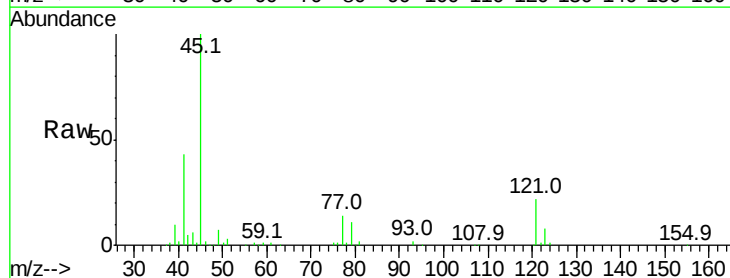
Instrument :
BNA_F
ClientSampleId :

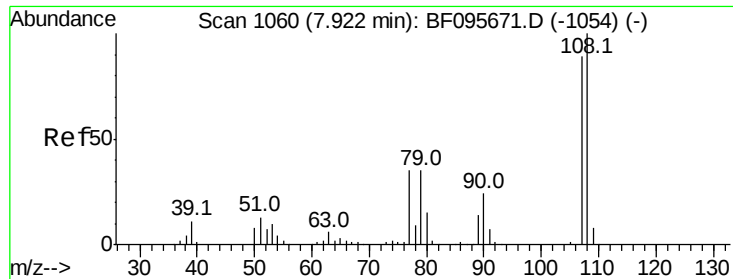
Tot Ion: 79 Resp: 175452
Ion Ratio Lower Upper
79 100
108 83.8 63.4 95.0
77 61.1 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.42 ng
RT: 7.80 min Scan# 1074
Delta R.T. -0.03 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion: 45 Resp: 279527
Ion Ratio Lower Upper
45 100
77 14.2 0.0 33.2
79 10.6 0.0 30.0

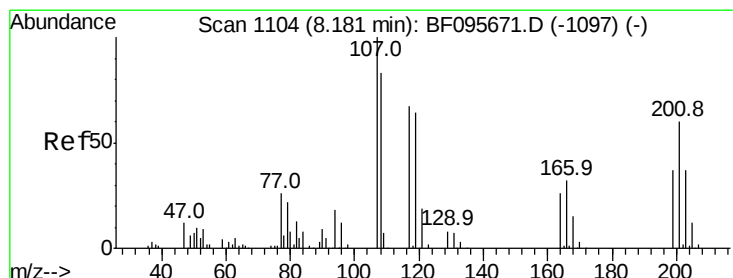
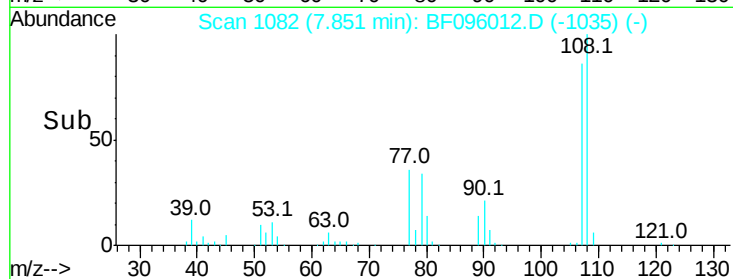
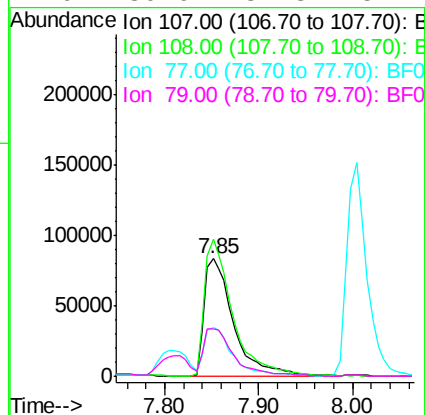
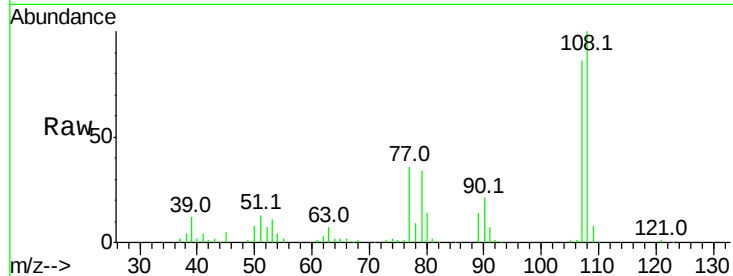




#17
2-Methylphenol
Concen: 47.20 ng
RT: 7.85 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

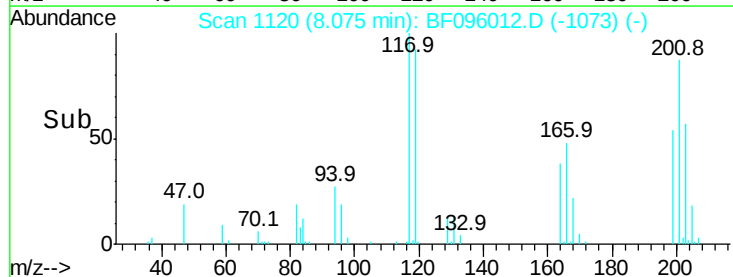
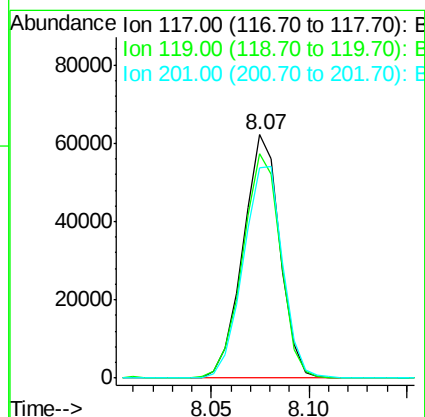
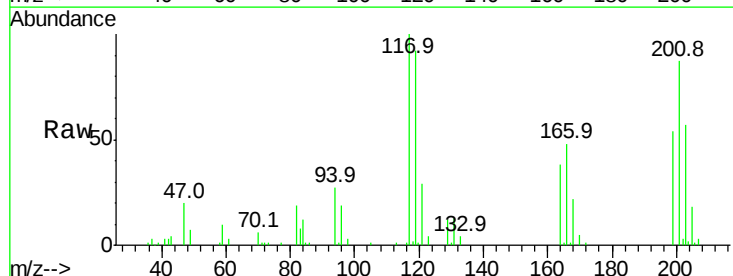
Instrument :
BNA_F
ClientSampleId :

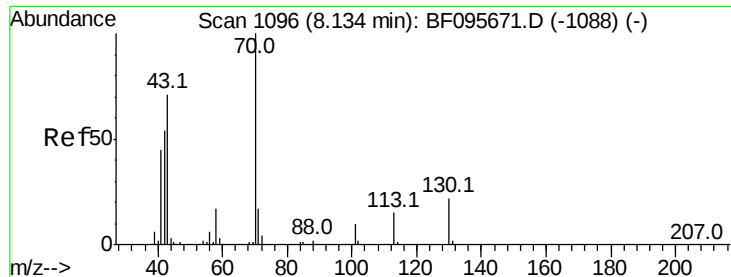
Tot Ion:107 Resp: 183460
Ion Ratio Lower Upper
107 100
108 116.2 93.4 140.0
77 41.7 35.8 53.6
79 39.9 34.8 52.2



#18
Hexachloroethane
Concen: 46.29 ng
RT: 8.07 min Scan# 1120
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion:117 Resp: 81273
Ion Ratio Lower Upper
117 100
119 92.3 77.4 116.0
201 86.5 94.6 141.8#

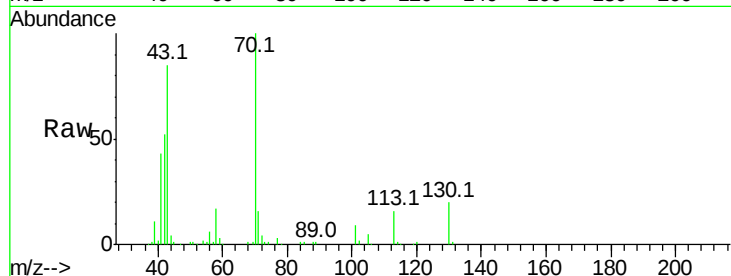




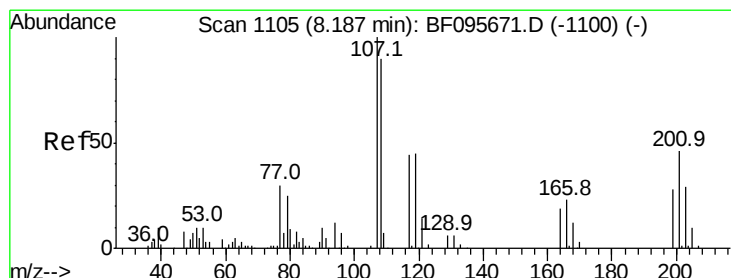
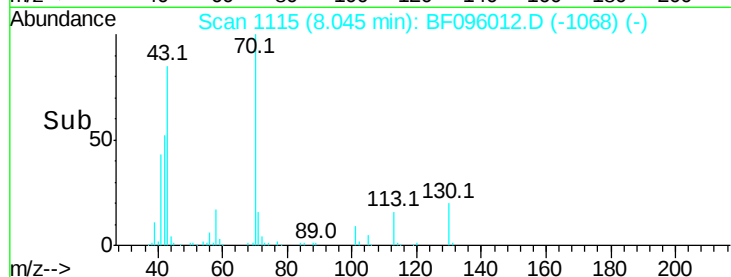
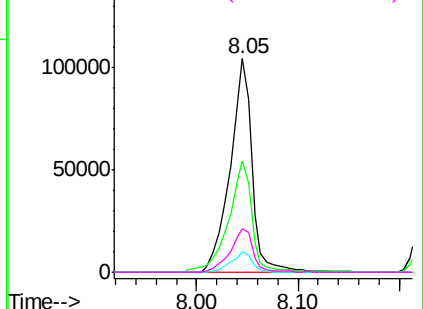
#19
n-Nitroso-di-n-propylamine
Concen: 47.31 ng
RT: 8.05 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 156356
Ion Ratio Lower Upper
70 100
42 51.9 47.2 70.8
101 9.4 7.2 10.8
130 20.3 15.9 23.9

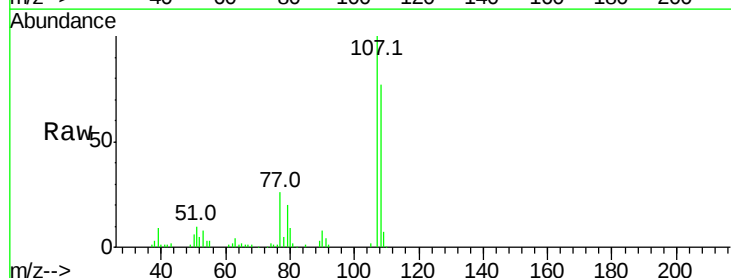


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

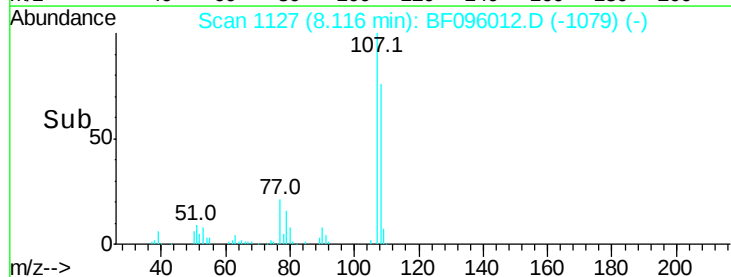
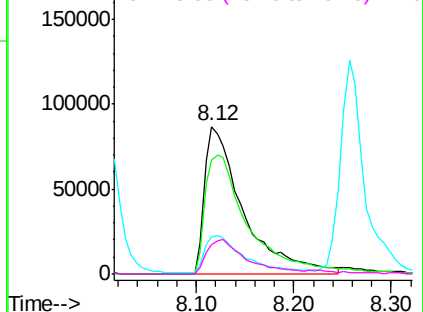


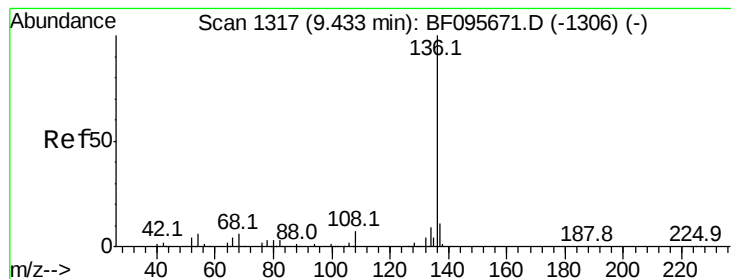
#20
3+4-Methylphenols
Concen: 48.36 ng
RT: 8.12 min Scan# 1127
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion: 107 Resp: 238630
Ion Ratio Lower Upper
107 100
108 77.0 71.0 111.0
77 25.6 90.5 130.5#
79 20.3 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: 9.34 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 289842

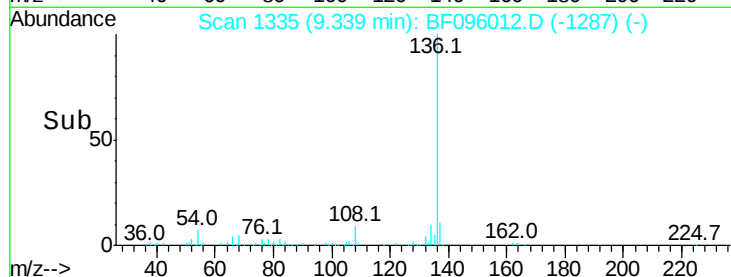
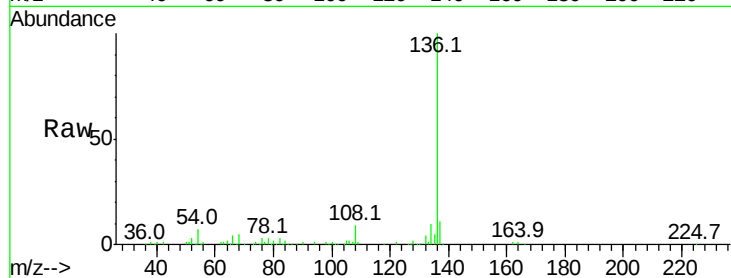
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 6.7 4.9 7.3

68 5.3 4.1 6.1

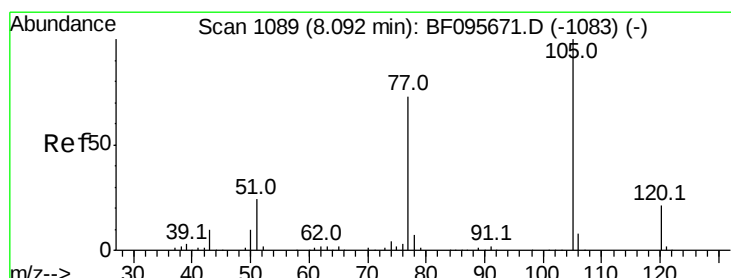
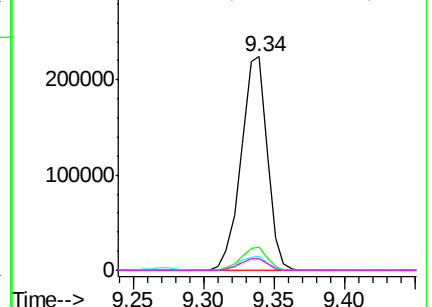


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.31 ng

RT: 8.00 min Scan# 1108

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Tgt Ion:105 Resp: 307406

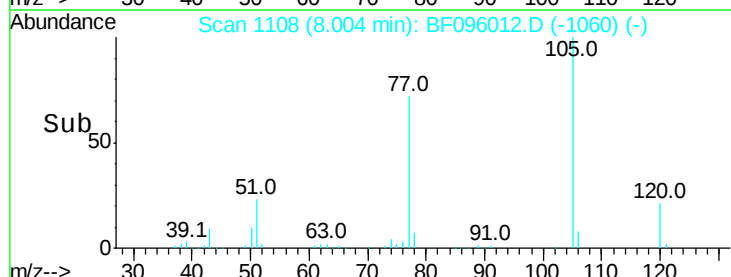
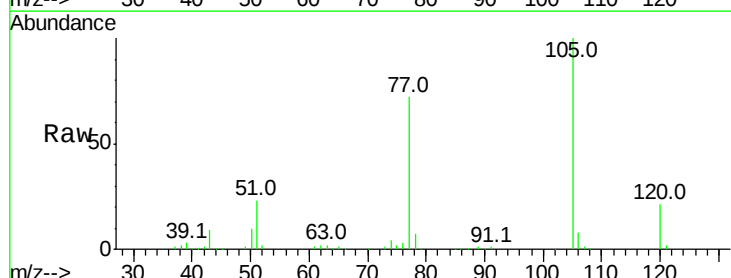
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.1 30.7 46.1#

120 21.4 17.4 26.0

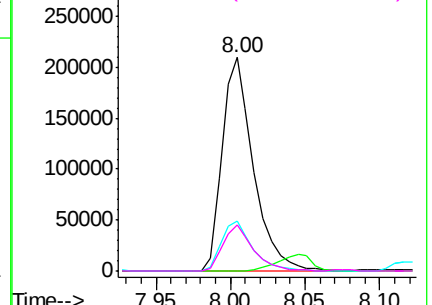


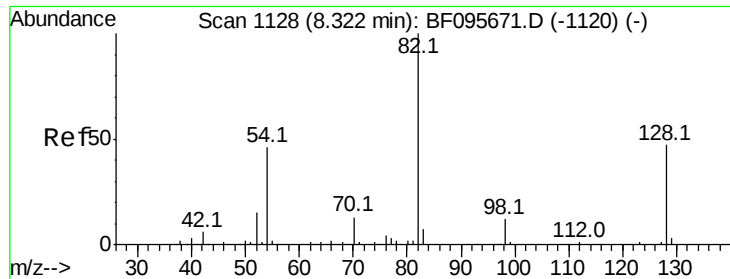
Abundance Ion 105.00 (104.70 to 105.70): E

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

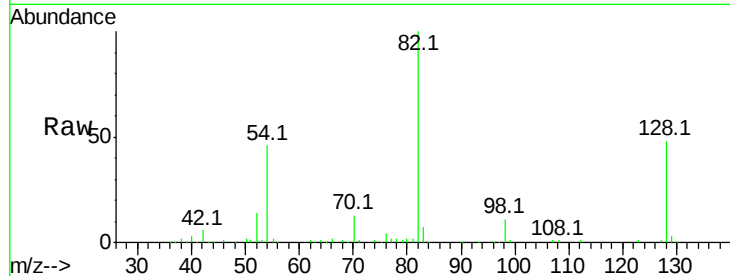




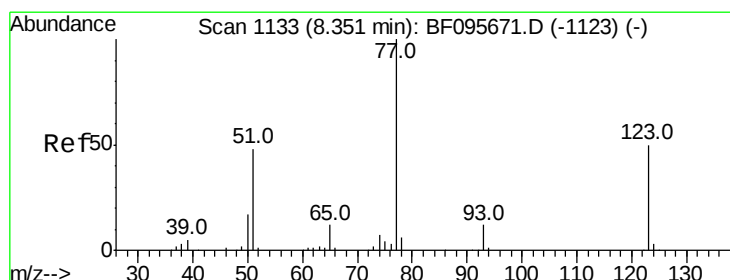
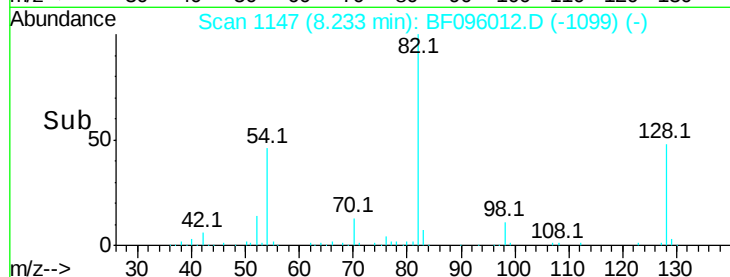
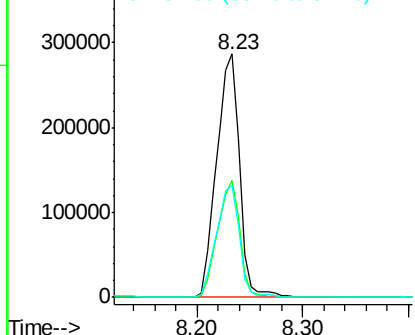
#23
Nitrobenzene-d5
Concen: 93.32 ng
RT: 8.23 min Scan# 1147
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.0	51.0
54	45.9	42.2	63.2

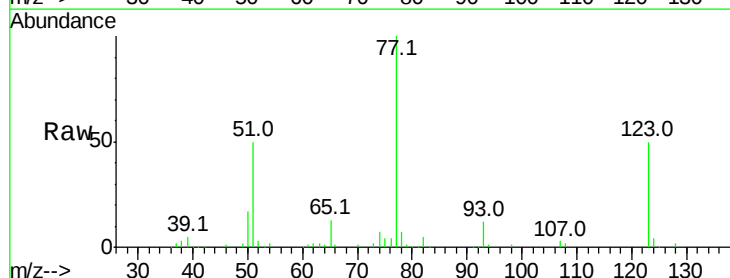


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

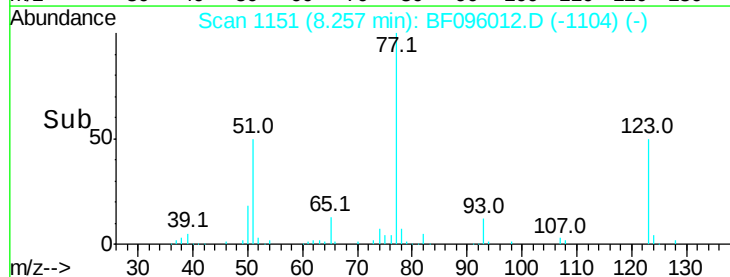
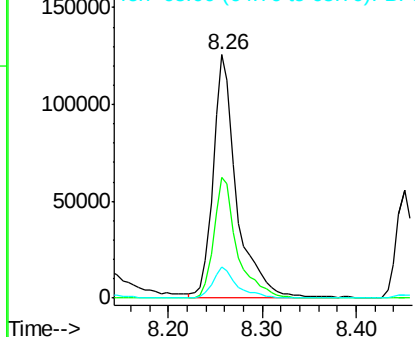


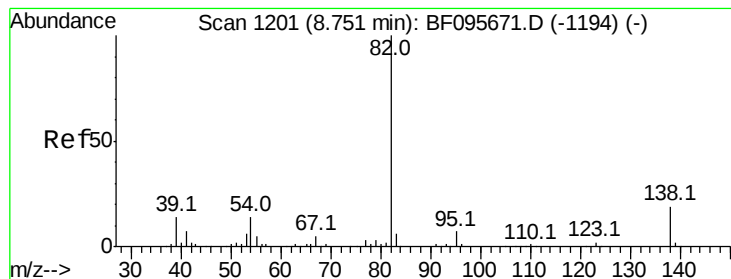
#24
Nitrobenzene
Concen: 43.40 ng
RT: 8.26 min Scan# 1151
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.8	35.8	53.8
65	12.5	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: 44.97 ng

RT: 8.66 min Scan# 1220

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampled :

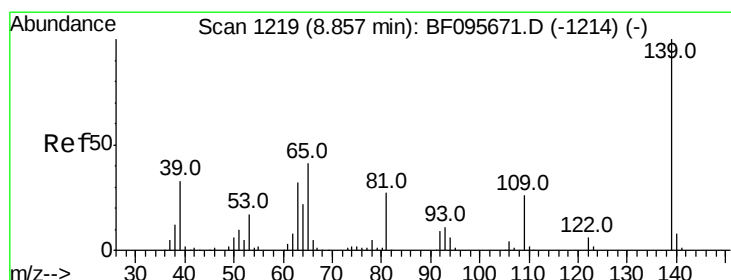
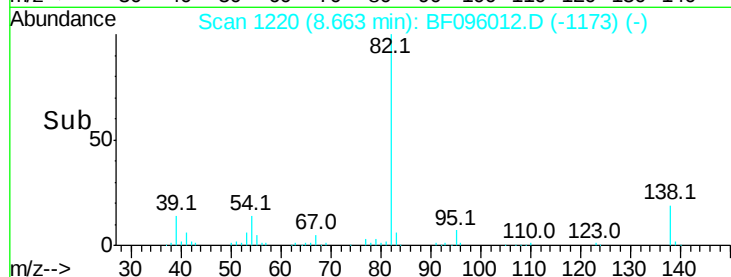
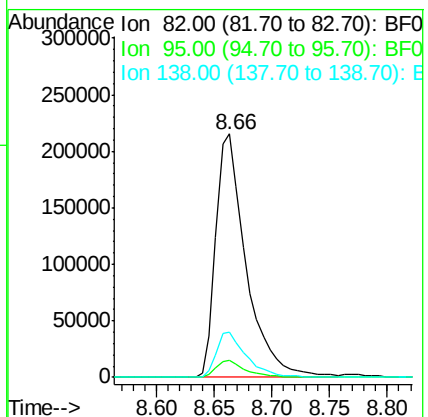
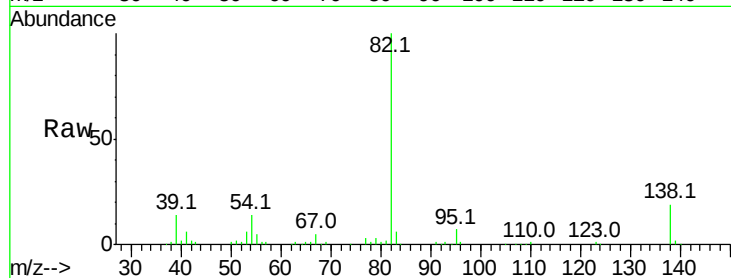
Tot Ion: 82 Resp: 391853

Ion Ratio Lower Upper

82 100

95 6.8 5.3 7.9

138 18.6 13.1 19.7



#26

2-Nitrophenol

Concen: 47.05 ng

RT: 8.77 min Scan# 1238

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

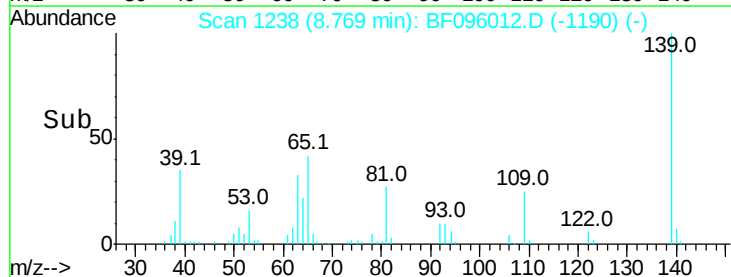
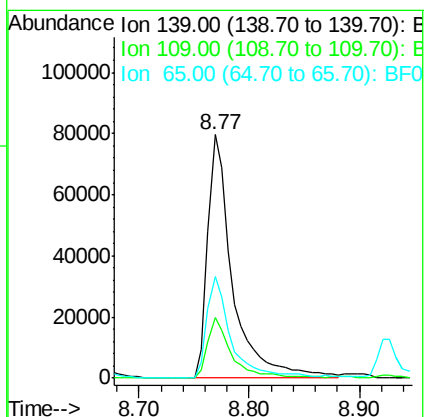
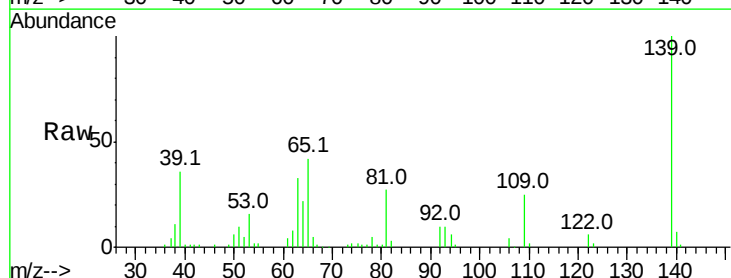
Tgt Ion:139 Resp: 122837

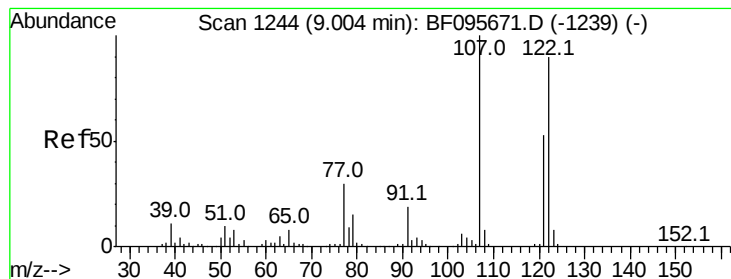
Ion Ratio Lower Upper

139 100

109 25.0 21.0 31.6

65 41.5 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 48.31 ng

RT: 8.93 min Scan# 1265

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampleId :

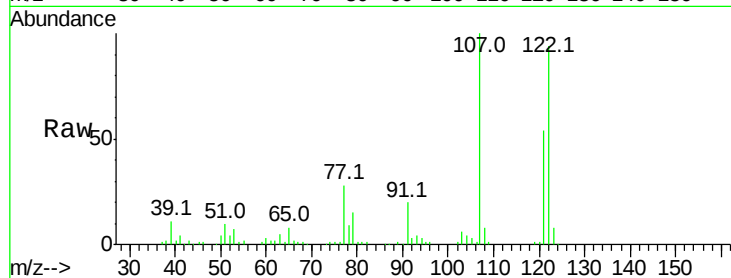
Tot Ion:122 Resp: 195703

Ion Ratio Lower Upper

122 100

107 106.2 89.2 133.8

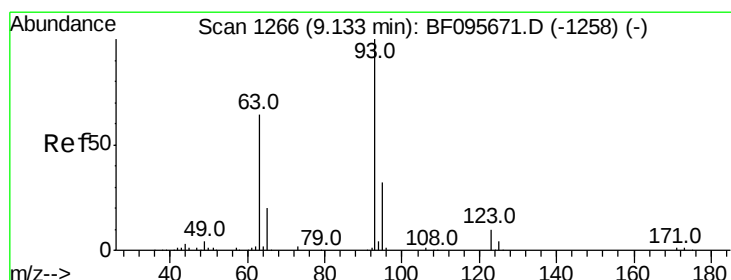
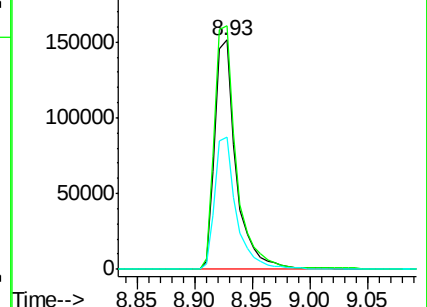
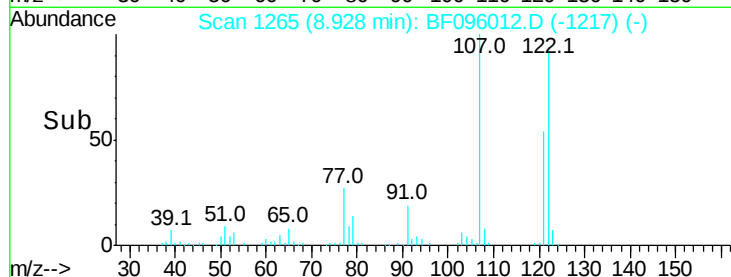
121 57.8 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 45.54 ng

RT: 9.04 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

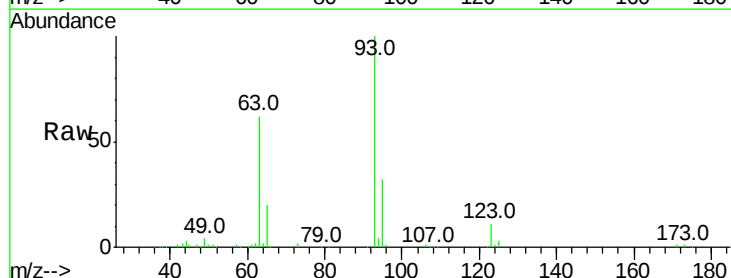
Tgt Ion: 93 Resp: 261582

Ion Ratio Lower Upper

93 100

95 32.3 26.5 39.7

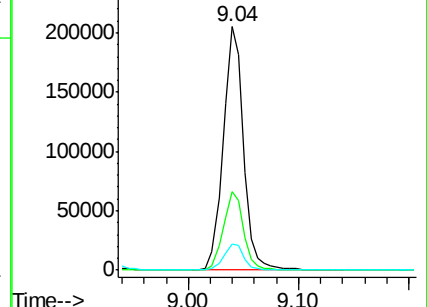
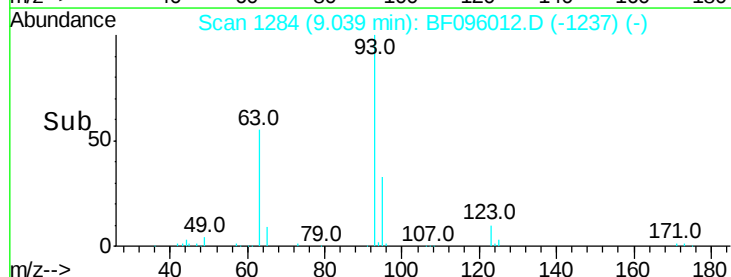
123 10.6 9.0 13.4

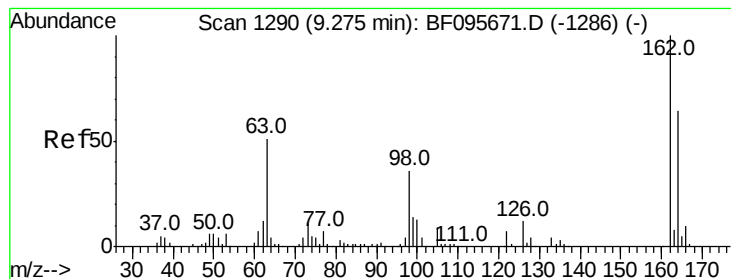


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 45.05 ng

RT: 9.20 min Scan# 1312

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampleId :

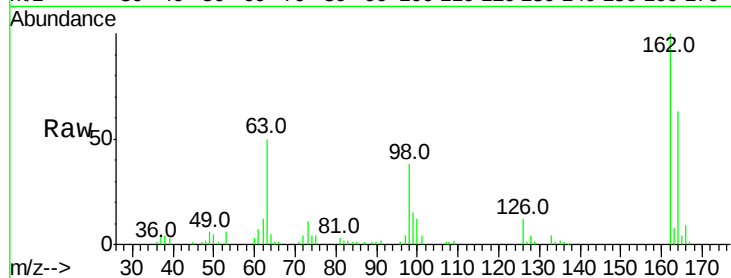
Tot Ion:162 Resp: 175778

Ion Ratio Lower Upper

162 100

164 62.7 44.6 84.6

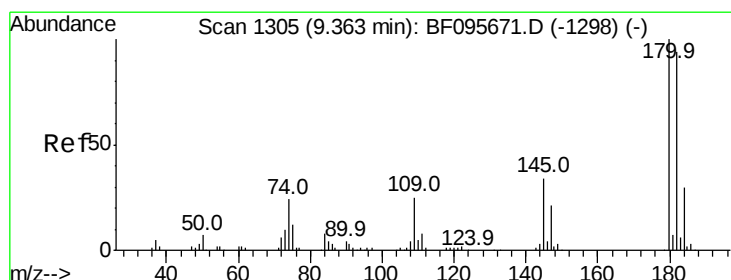
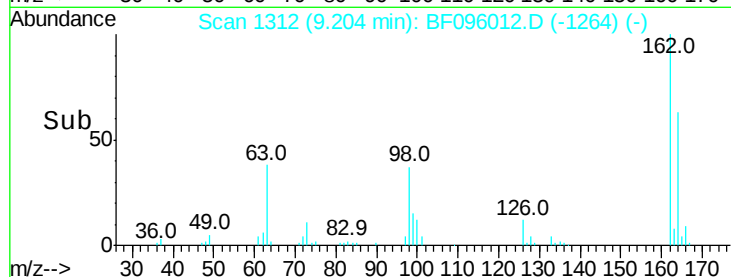
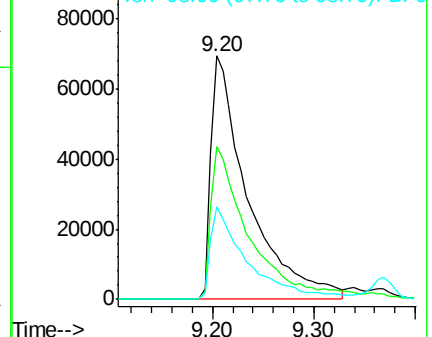
98 37.8 14.8 54.8



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): BF0



#30

1,2,4-Trichlorobenzene

Concen: 44.79 ng

RT: 9.27 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

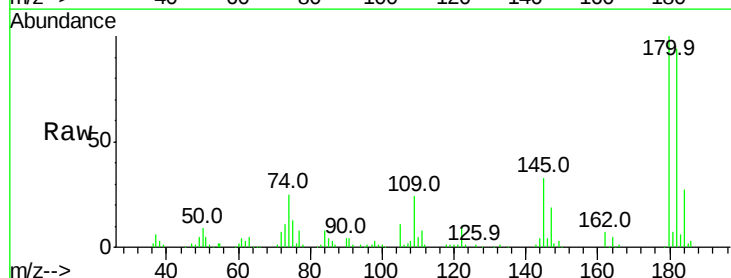
Tgt Ion:180 Resp: 181826

Ion Ratio Lower Upper

180 100

182 93.7 75.8 113.6

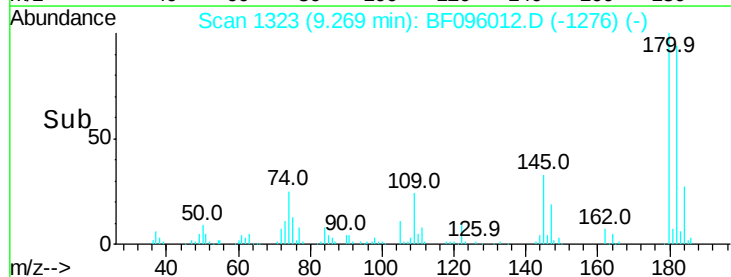
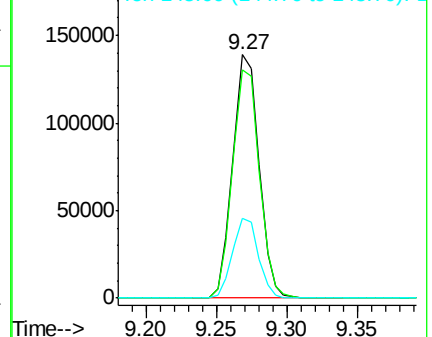
145 32.9 25.3 37.9

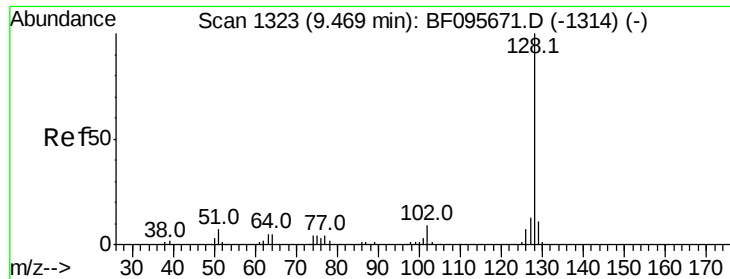


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

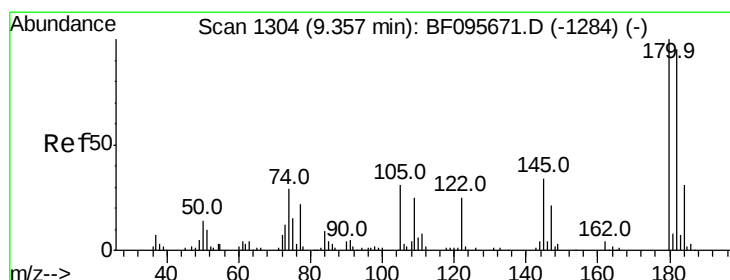
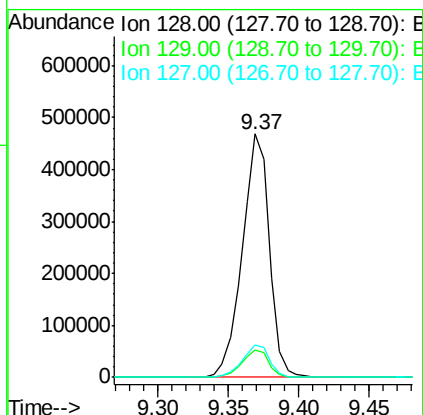
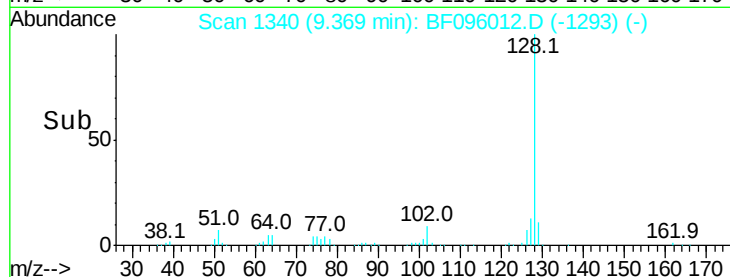
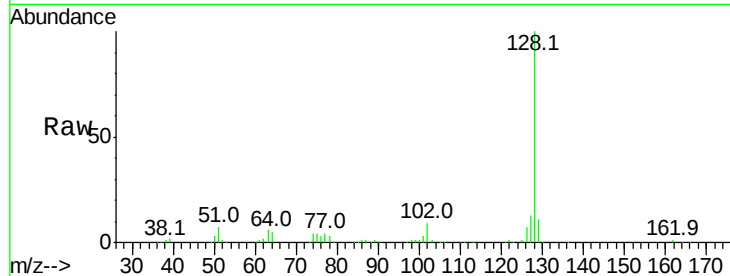




#31
Naphthalene
Concen: 43.15 ng
RT: 9.37 min Scan# 1340
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

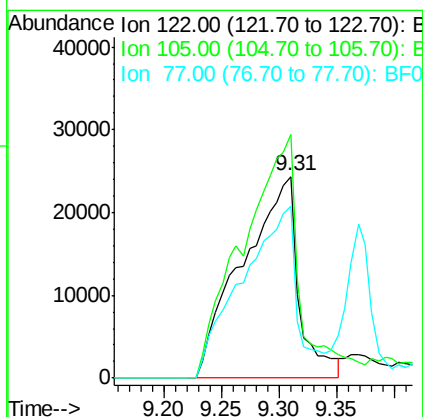
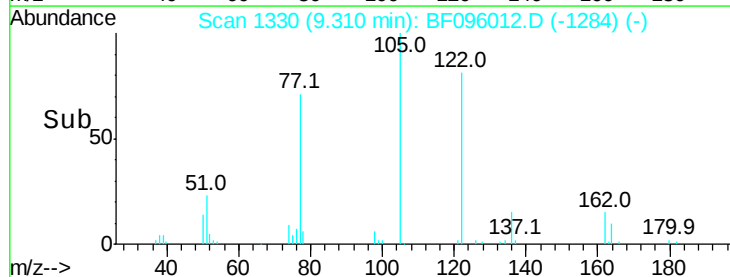
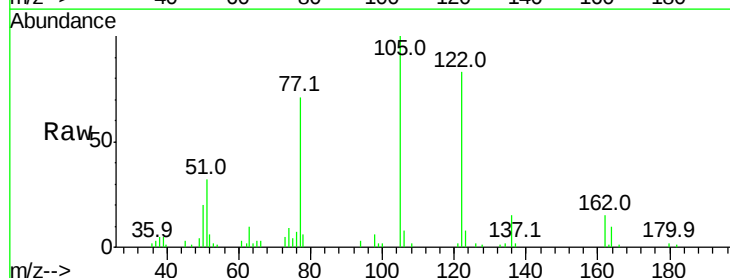
Instrument :
BNA_F
ClientSampleId :

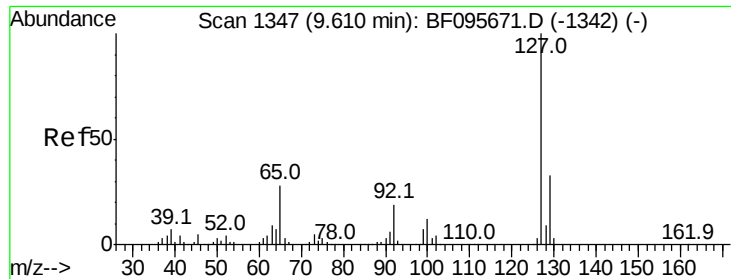
Tot Ion:128 Resp: 627735
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 34.14 ng
RT: 9.31 min Scan# 1330
Delta R.T. -0.03 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion:122 Resp: 82259
Ion Ratio Lower Upper
122 100
105 120.8 103.3 143.3
77 85.5 73.7 113.7

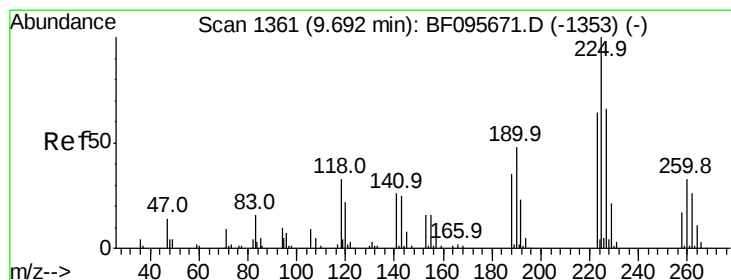
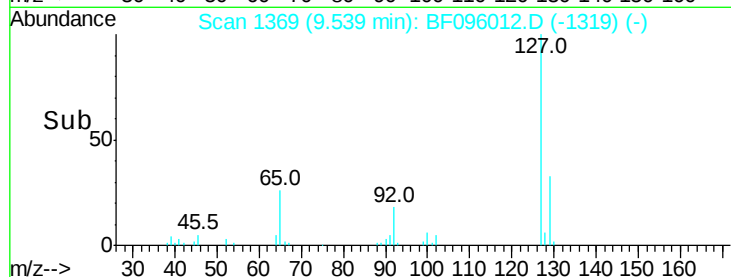
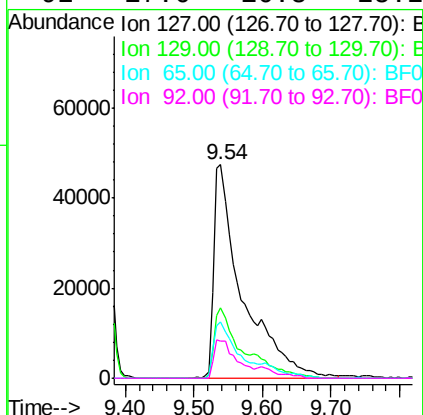
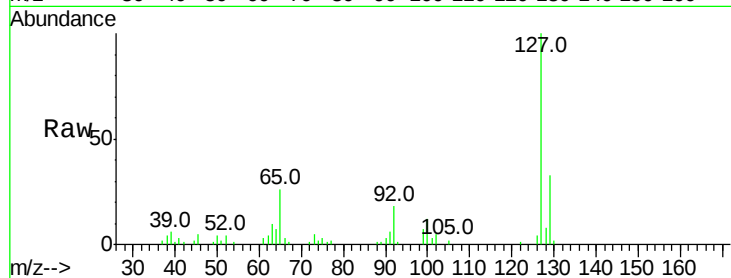




#33
 4-Chloroaniline
 Concen: 23.87 ng
 RT: 9.54 min Scan# 1369
 Delta R.T. -0.01 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

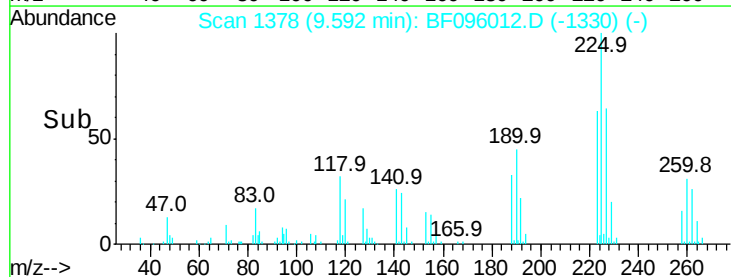
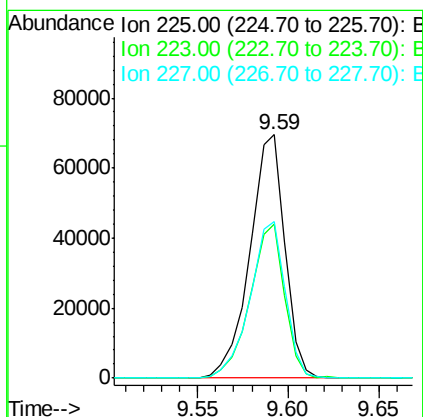
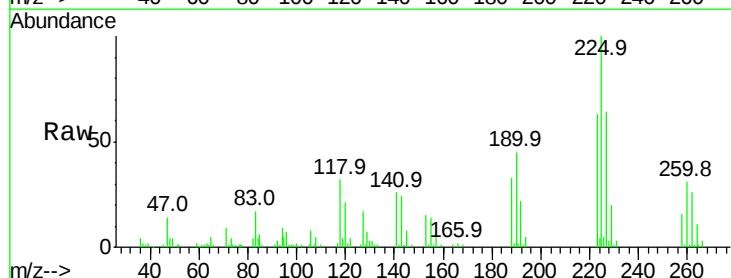
Instrument :
 BNA_F
 ClientSampleId :

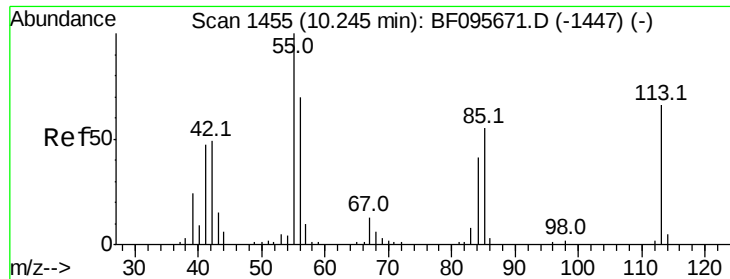
Tot Ion:	127	Resp:	135689
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.2	39.2
65	26.3	27.8	41.8#
92	17.6	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 44.37 ng
 RT: 9.59 min Scan# 1378
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion:	225	Resp:	93084
Ion	Ratio	Lower	Upper
225	100		
223	63.3	48.8	73.2
227	64.2	51.1	76.7





#35

Caprolactam

Concen: 27.87 ng

RT: 10.17 min Scan# 1476

Delta R.T. -0.03 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampled :

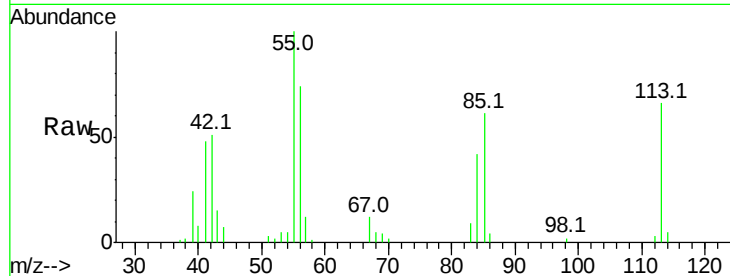
Tot Ion:113 Resp: 32361

Ion Ratio Lower Upper

113 100

55 150.7 150.2 190.2

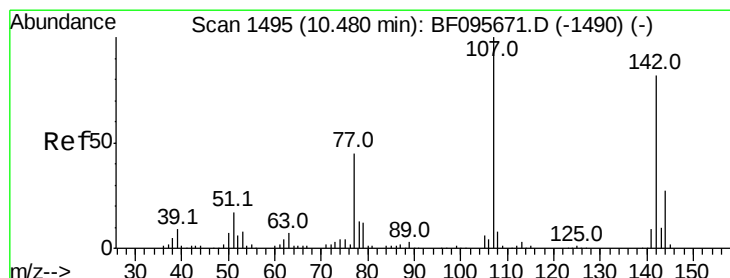
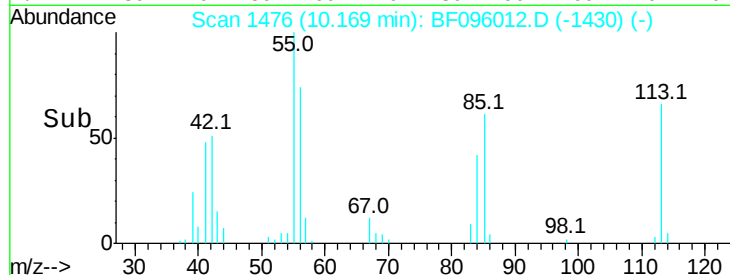
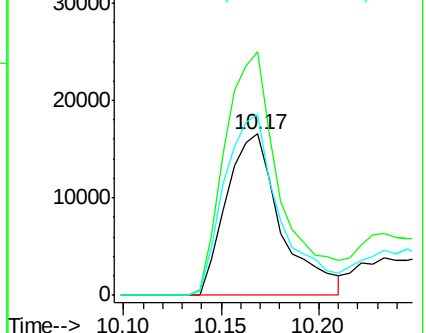
56 111.9 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 45.58 ng

RT: 10.42 min Scan# 1518

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

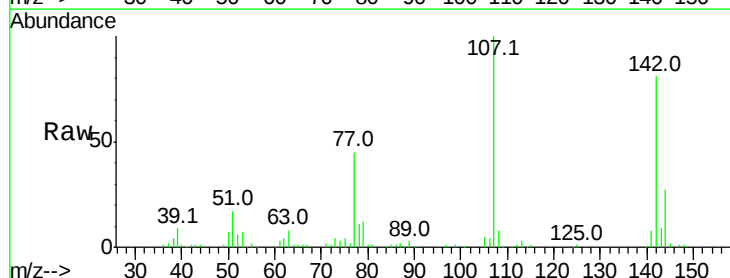
Tgt Ion:107 Resp: 186154

Ion Ratio Lower Upper

107 100

144 26.7 24.2 36.4

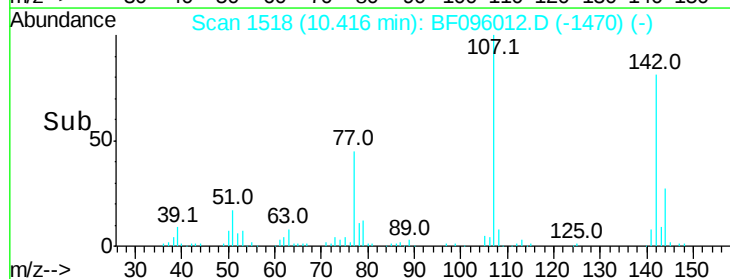
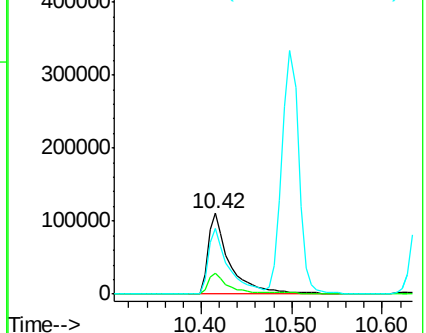
142 81.3 73.4 110.0

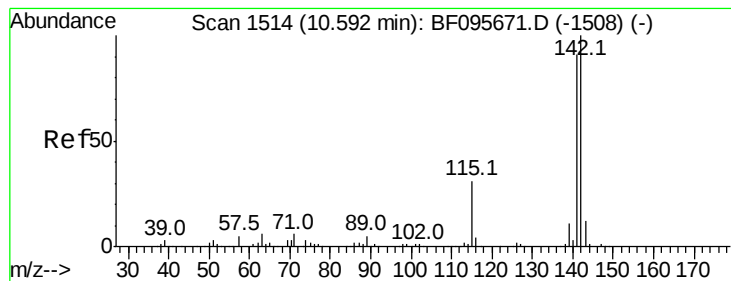


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 44.48 ng

RT: 10.50 min Scan# 1532

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampleId :

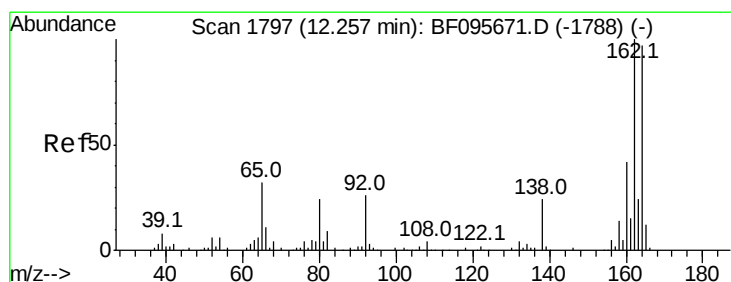
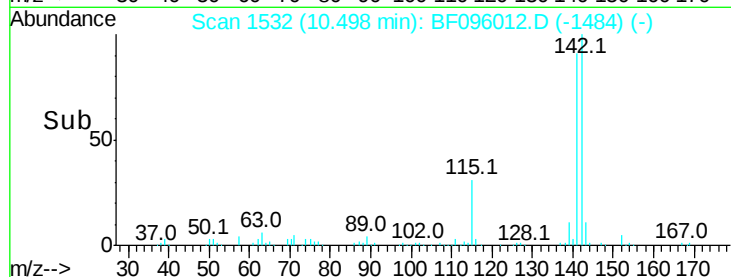
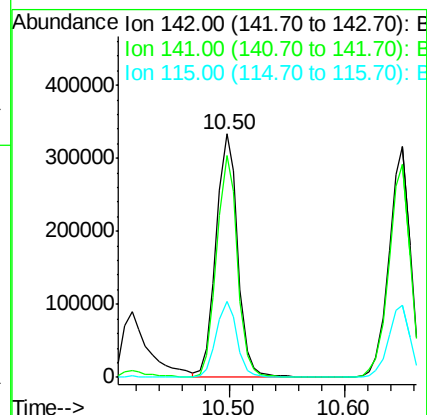
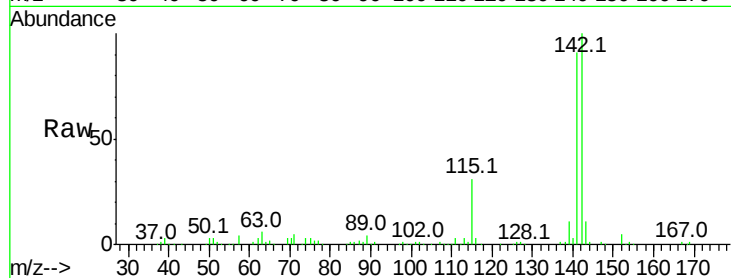
Tot Ion:142 Resp: 437160

Ion Ratio Lower Upper

142 100

141 91.2 71.3 106.9

115 31.3 27.1 40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.16 min Scan# 1814

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

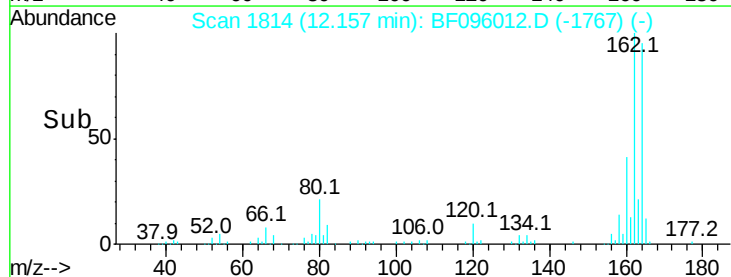
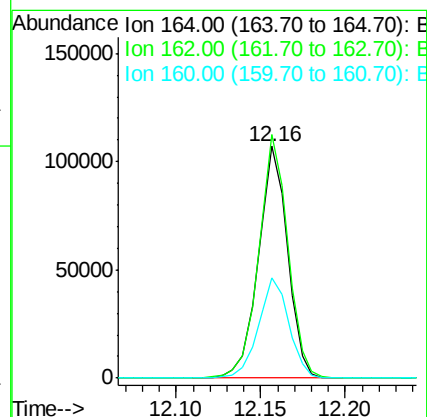
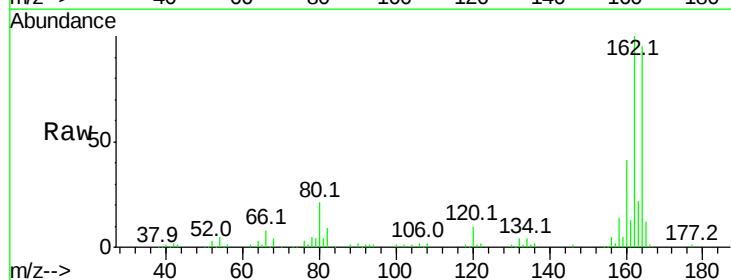
Tgt Ion:164 Resp: 128962

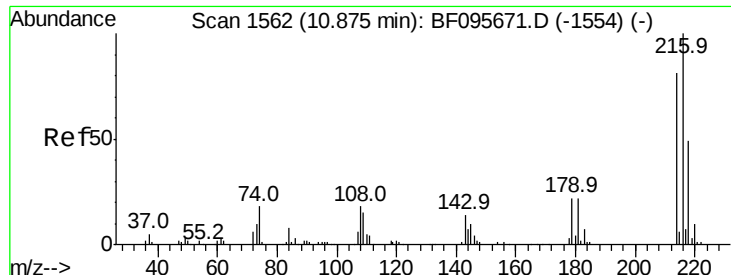
Ion Ratio Lower Upper

164 100

162 105.0 82.6 123.8

160 43.3 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.00 ng

RT: 10.78 min Scan# 1580

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 169820

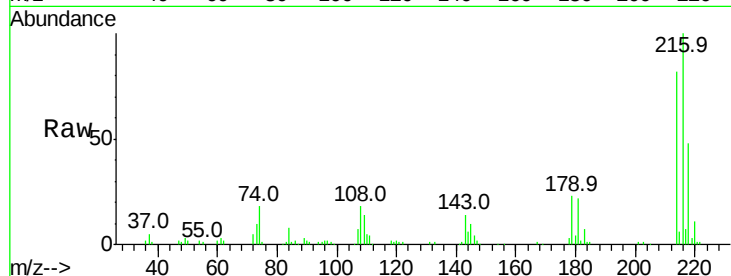
Ion Ratio Lower Upper

216 100

214 80.2 63.4 95.2

179 22.5 17.9 26.9

108 19.2 16.5 24.7

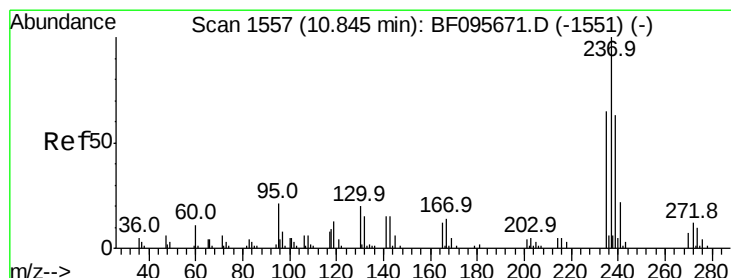
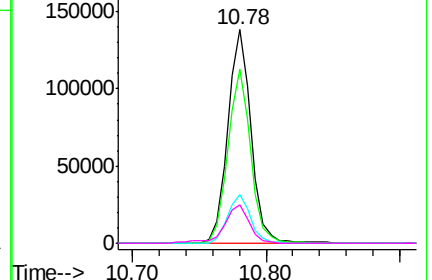
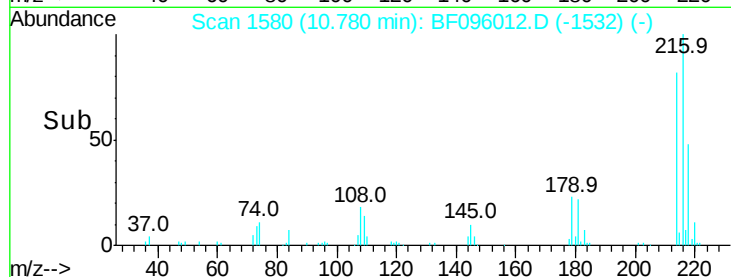


Abundance Ion 216.00 (215.70 to 216.70): E

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: 53.57 ng

RT: 10.75 min Scan# 1575

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

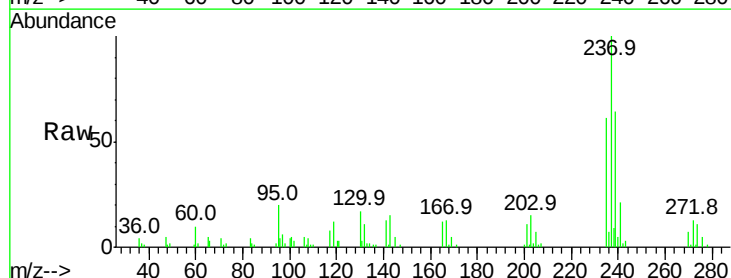
Tgt Ion:237 Resp: 59582

Ion Ratio Lower Upper

237 100

235 60.7 42.6 82.6

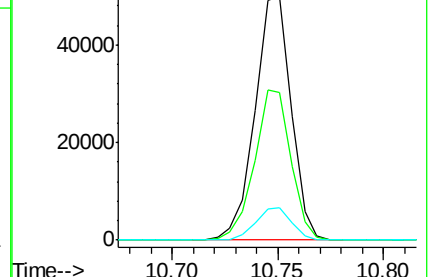
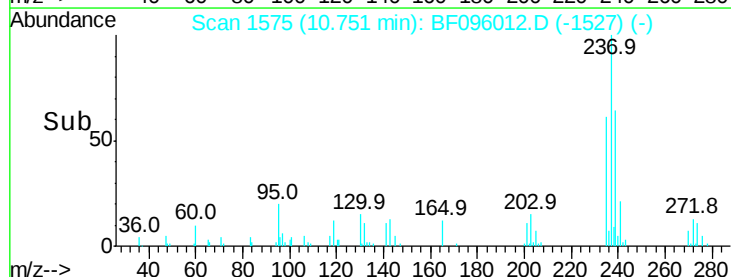
272 13.3 0.0 31.9

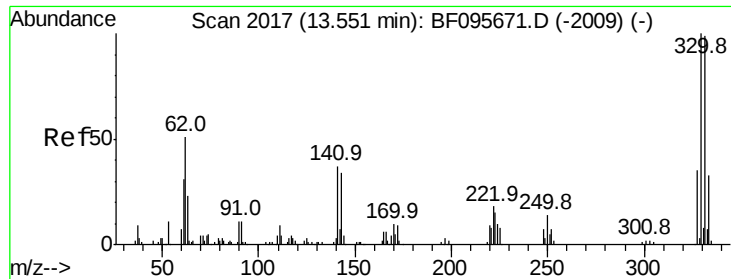


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

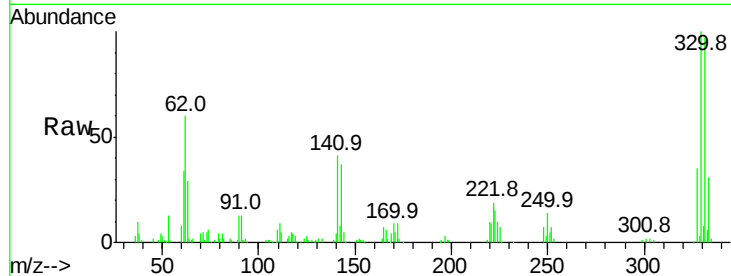




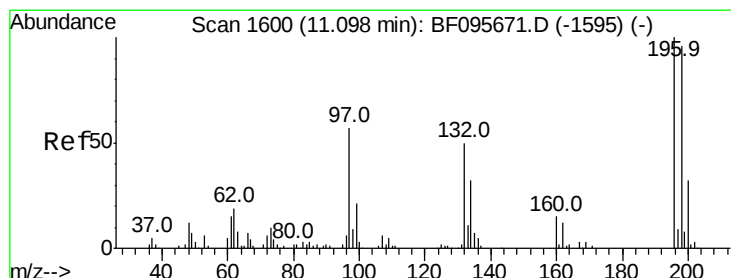
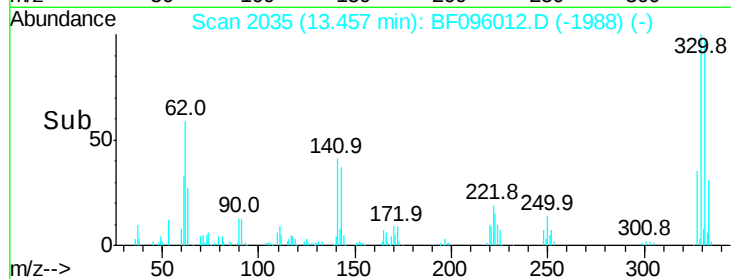
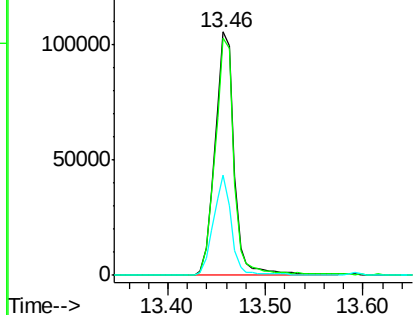
#41
 2,4,6-Tribromophenol
 Concen: 126.96 ng
 RT: 13.46 min Scan# 2035
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 144866
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 38.1 31.4 47.2

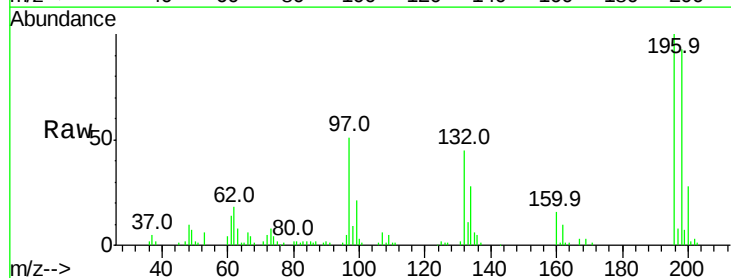


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

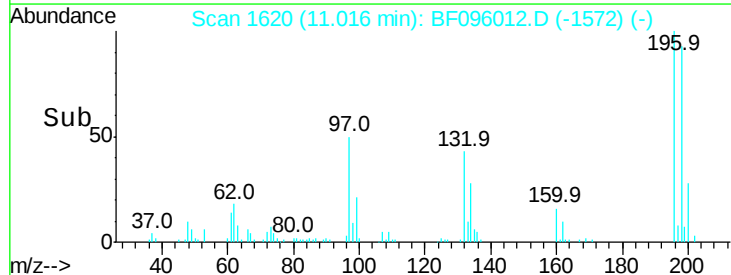
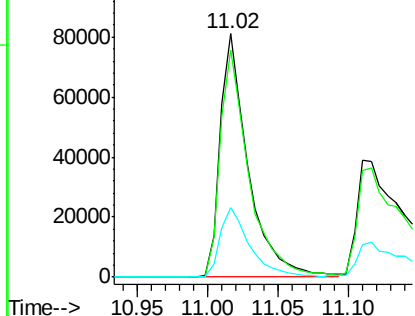


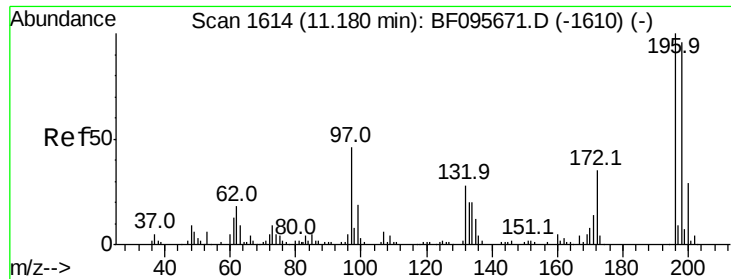
#42
 2,4,6-Trichlorophenol
 Concen: 45.27 ng
 RT: 11.02 min Scan# 1620
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion:196 Resp: 112331
 Ion Ratio Lower Upper
 196 100
 198 93.0 74.2 111.4
 200 28.4 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

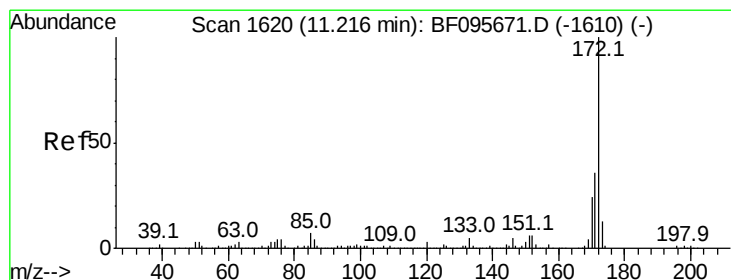
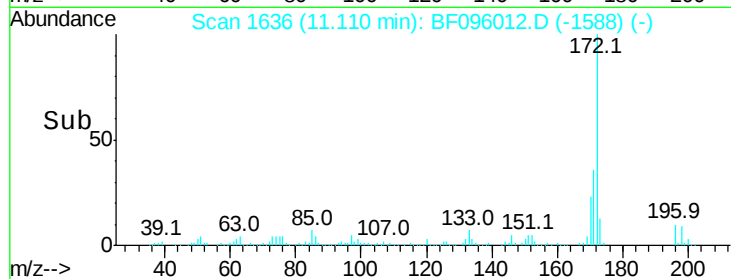
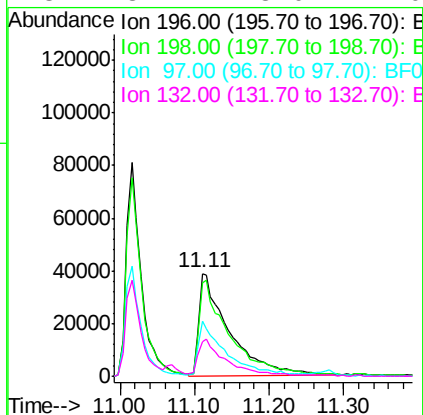
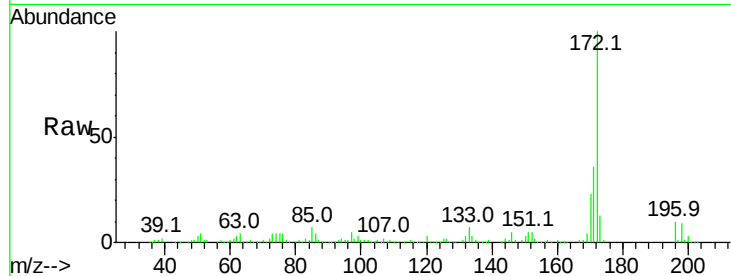




#43
 2,4,5-Trichlorophenol
 Concen: 40.80 ng
 RT: 11.11 min Scan# 1636
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

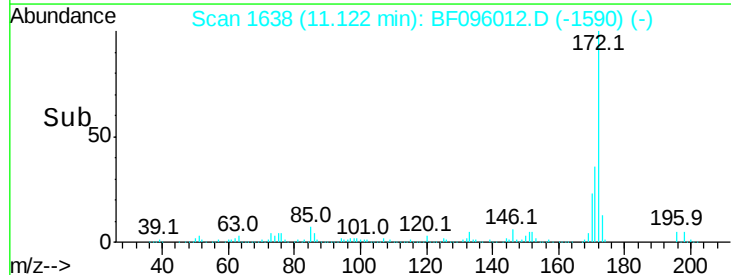
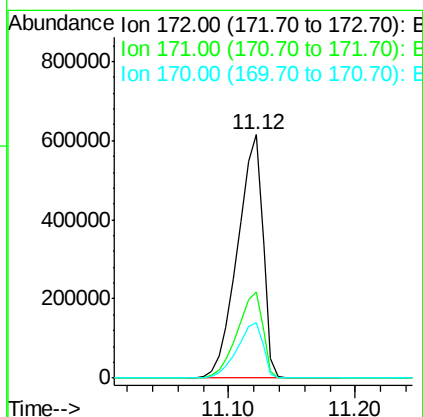
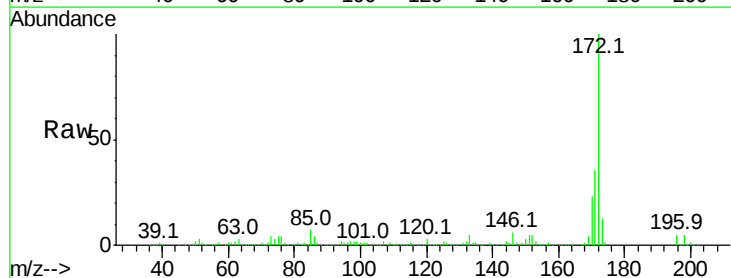
Instrument :
 BNA_F
 ClientSampleId :

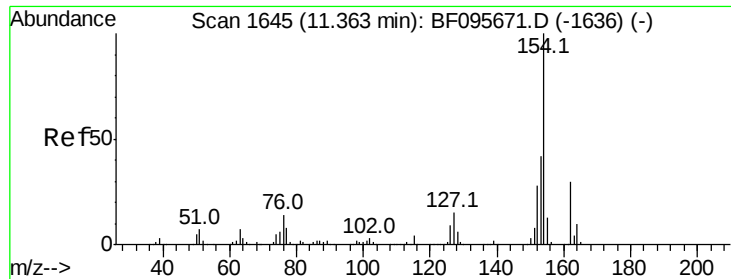
Tot Ion	196	Resp	107691
Ion Ratio	100	Lower	Upper
196	100		
198	91.5	75.7	113.5
97	53.0	47.7	71.5
132	34.2	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 91.70 ng
 RT: 11.12 min Scan# 1638
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion	172	Resp	849778
Ion Ratio	100	Lower	Upper
172	100		
171	35.6	29.6	44.4
170	22.9	19.8	29.8

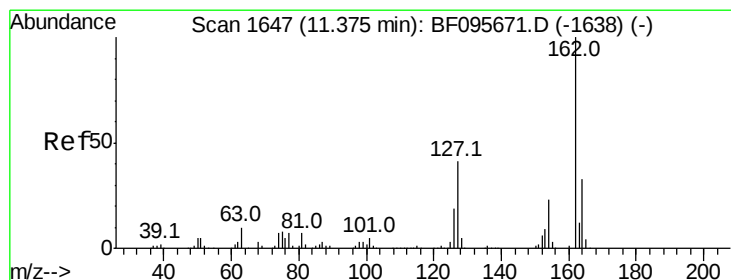
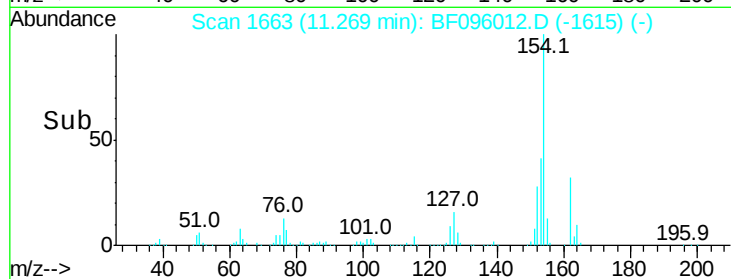
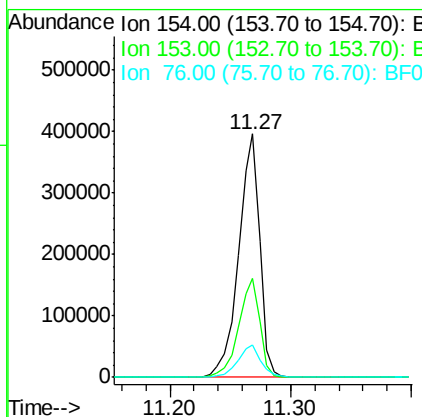
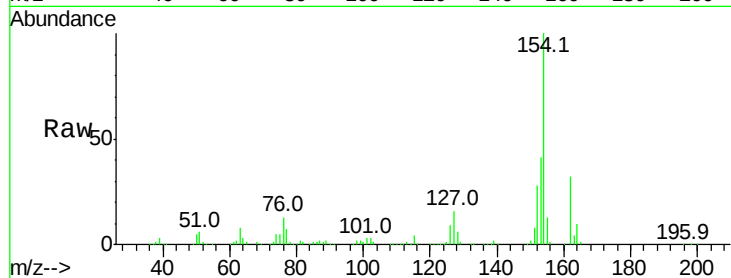




#45
 1,1'-Biphenyl
 Concen: 45.25 ng
 RT: 11.27 min Scan# 1663
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

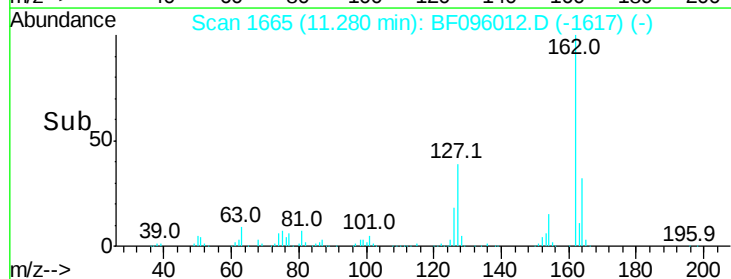
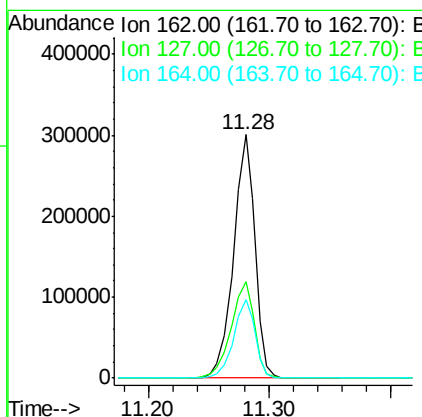
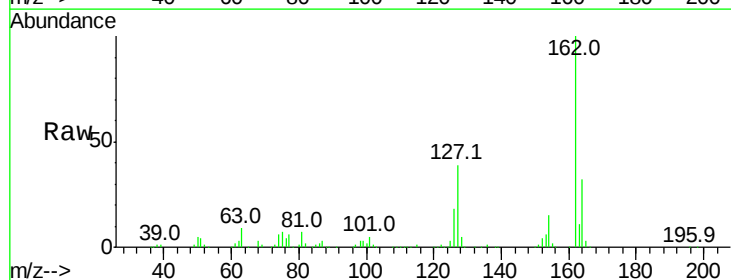
Instrument :
 BNA_F
 ClientSampleId :

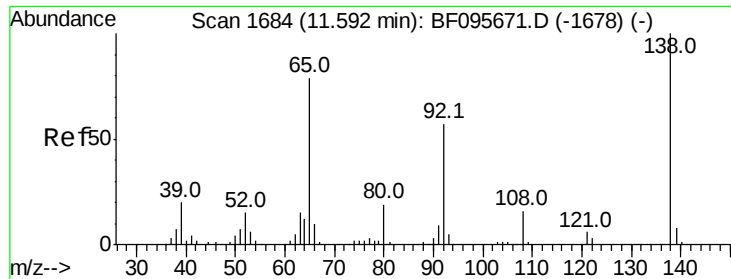
Tot Ion:154 Resp: 480994
 Ion Ratio Lower Upper
 154 100
 153 40.7 21.2 61.2
 76 13.3 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 44.66 ng
 RT: 11.28 min Scan# 1665
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion:162 Resp: 370900
 Ion Ratio Lower Upper
 162 100
 127 39.5 28.3 42.5
 164 32.0 27.0 40.4

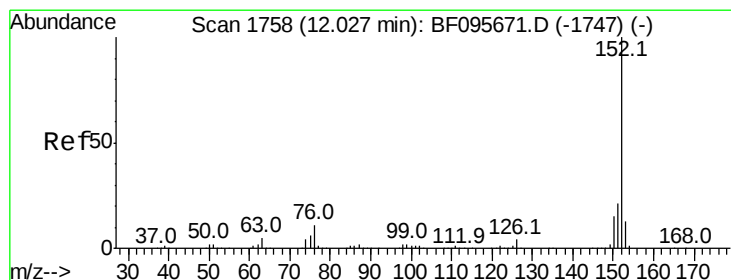
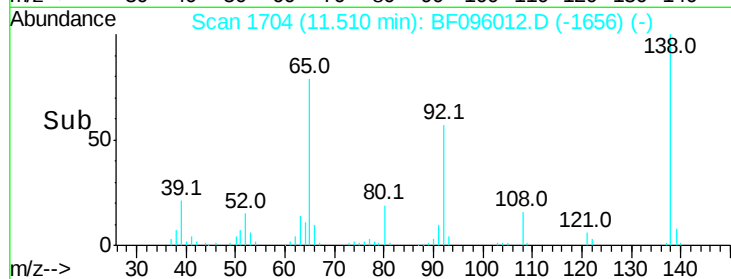
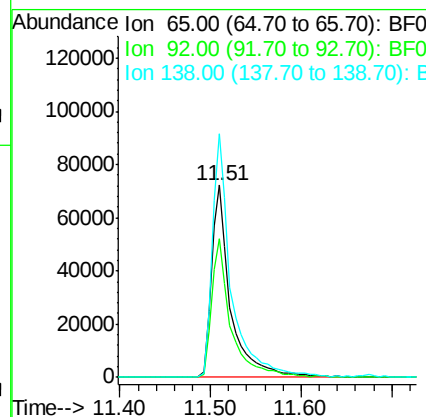
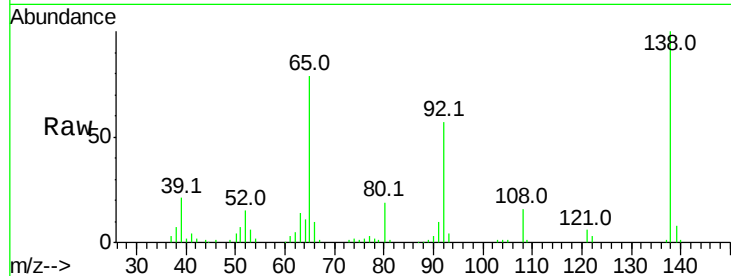




#47
2-Nitroaniline
Concen: 44.10 ng
RT: 11.51 min Scan# 1704
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

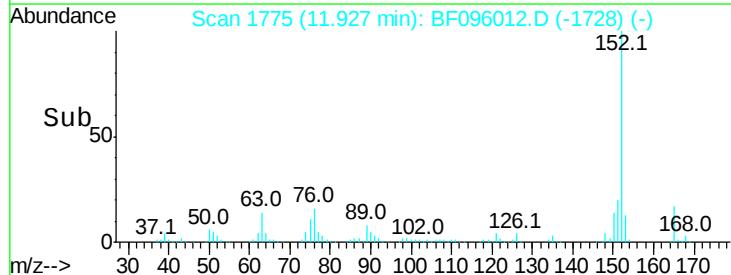
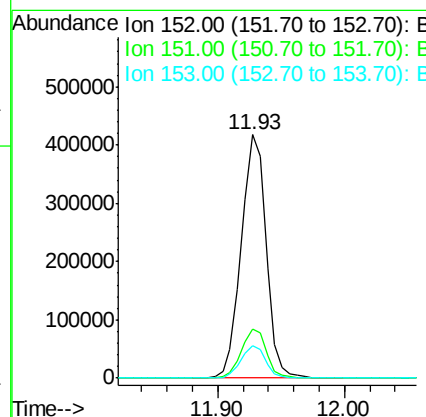
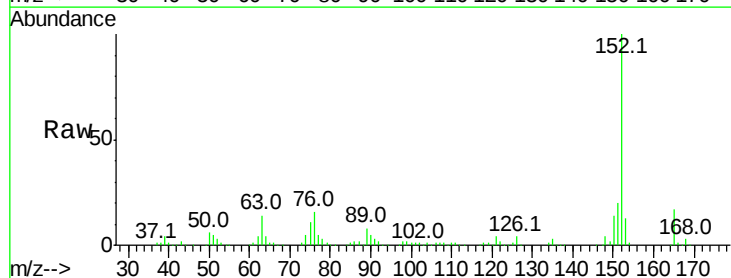
Instrument :
BNA_F
ClientSampleId :

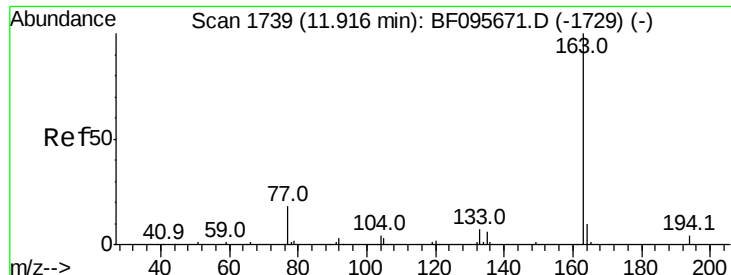
Tot Ion: 65 Resp: 107163
Ion Ratio Lower Upper
65 100
92 72.6 53.9 80.9
138 126.9 78.8 118.2#



#48
Acenaphthylene
Concen: 39.87 ng
RT: 11.93 min Scan# 1775
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion:152 Resp: 566186
Ion Ratio Lower Upper
152 100
151 20.0 16.8 25.2
153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 45.01 ng

RT: 11.83 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampleId :

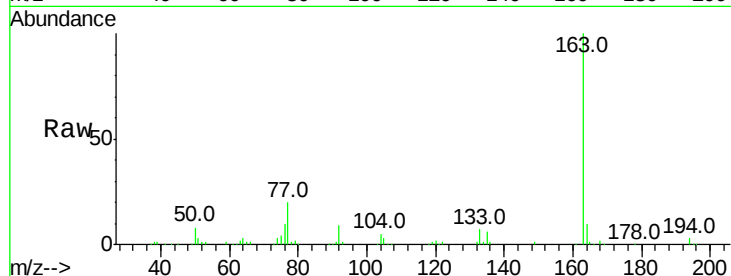
Tot Ion:163 Resp: 440691

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

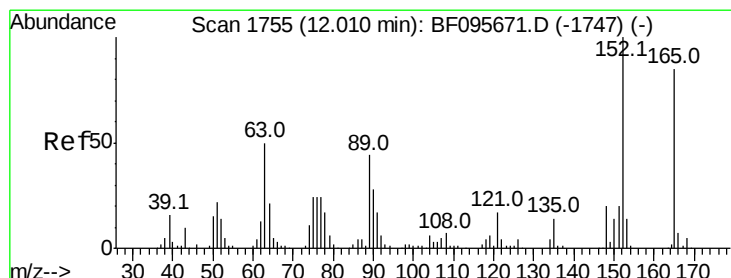
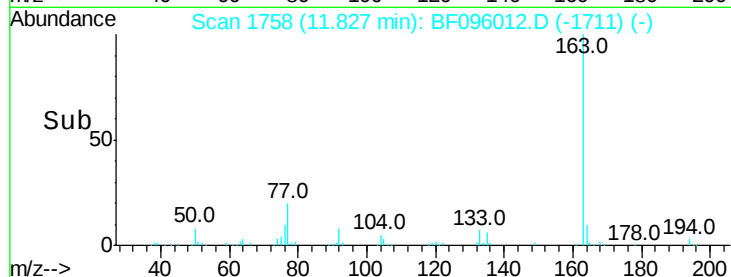
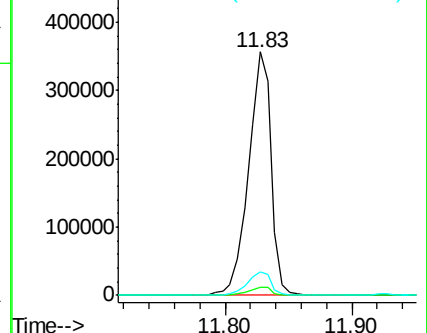
164 9.6 8.4 12.6



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: 41.56 ng

RT: 11.92 min Scan# 1774

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

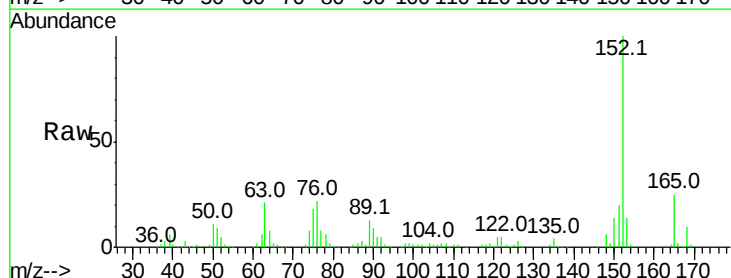
Tgt Ion:165 Resp: 88767

Ion Ratio Lower Upper

165 100

63 84.6 34.3 51.5#

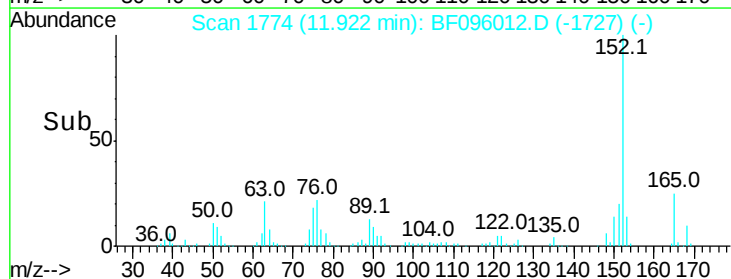
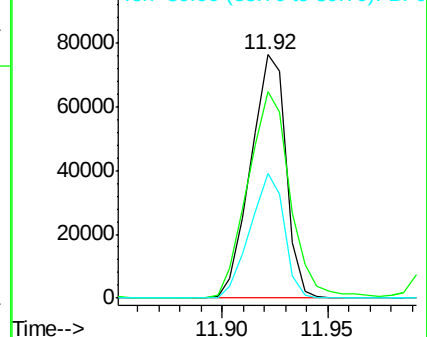
89 51.0 37.1 55.7

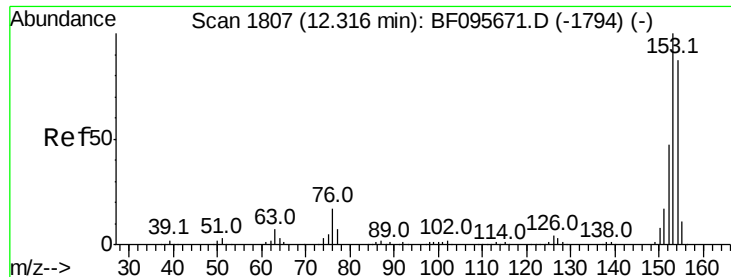


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 41.73 ng

RT: 12.21 min Scan# 1823

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampleId :

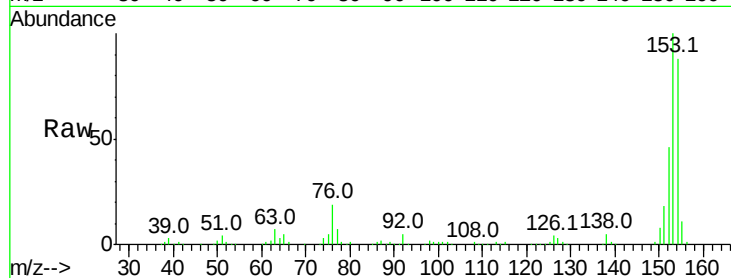
Tot Ion:154 Resp: 342220

Ion Ratio Lower Upper

154 100

153 114.0 90.5 135.7

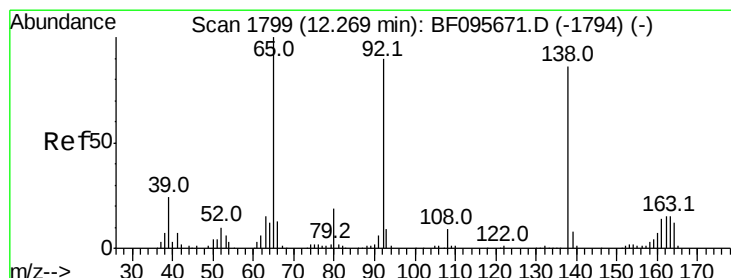
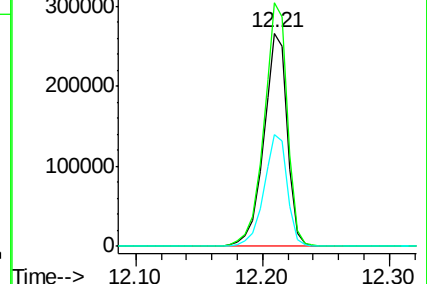
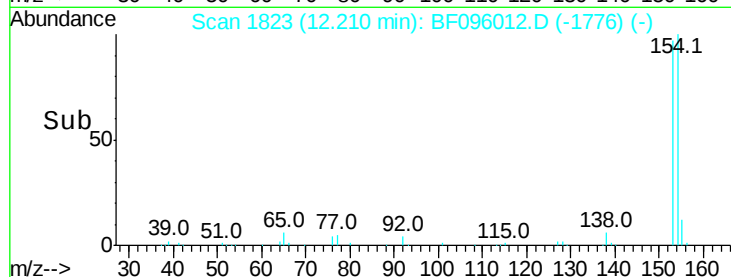
152 52.4 43.6 65.4



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: 27.40 ng

RT: 12.19 min Scan# 1820

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

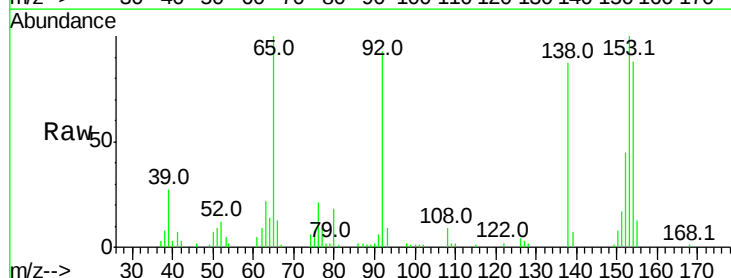
Tgt Ion:138 Resp: 68170

Ion Ratio Lower Upper

138 100

108 10.0 9.1 13.7

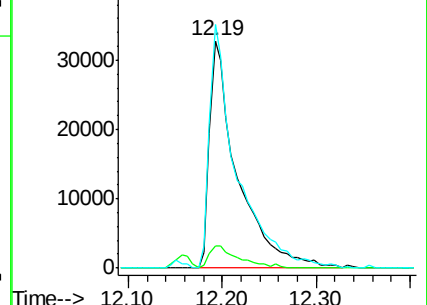
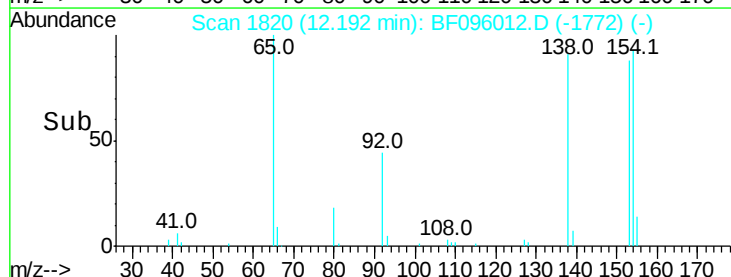
92 107.2 93.8 140.6

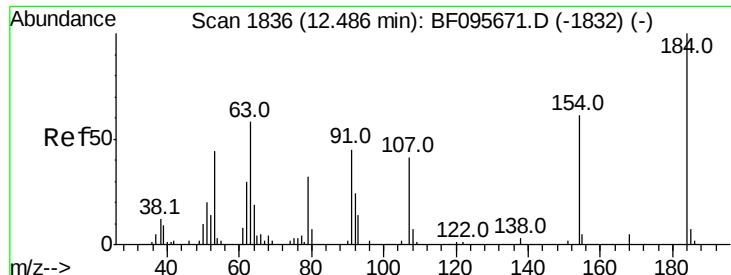


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

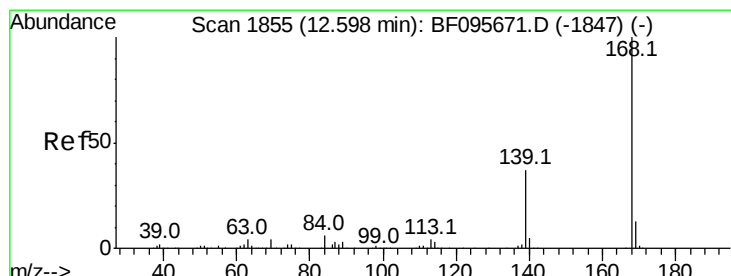
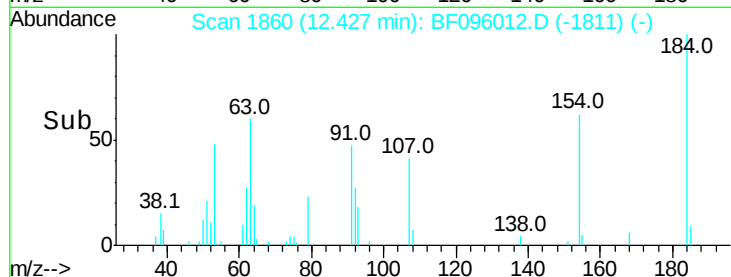
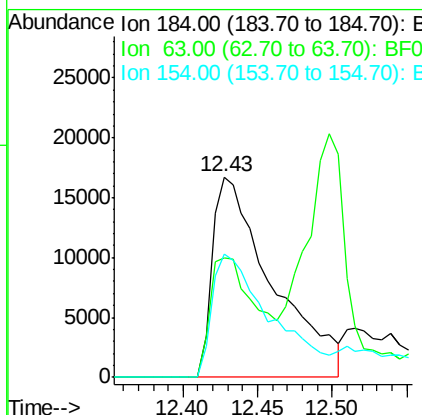
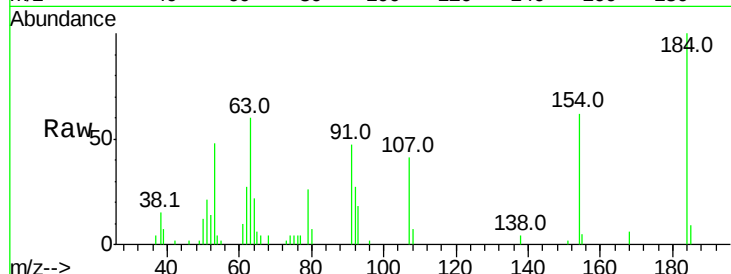




#53
 2,4-Dinitrophenol
 Concen: 41.99 ng
 RT: 12.43 min Scan# 1860
 Delta R.T. -0.01 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

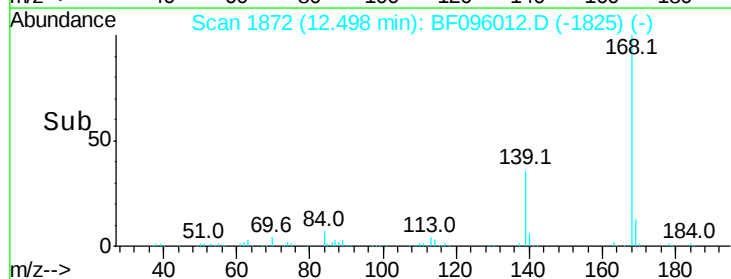
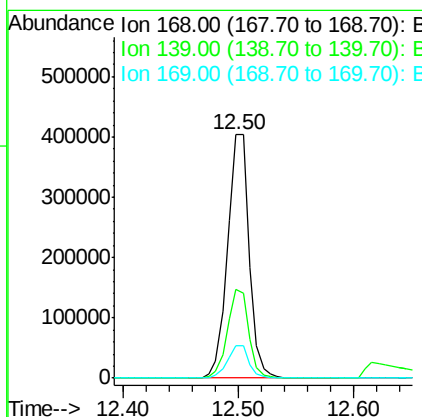
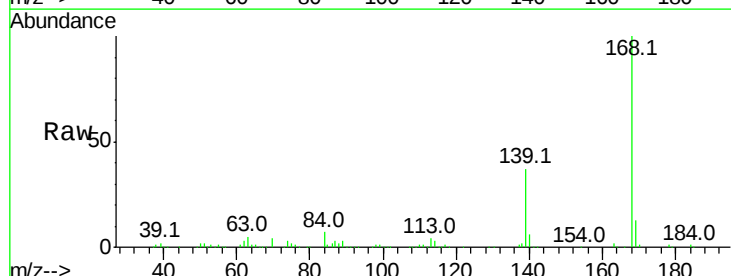
Instrument :
 BNA_F
 ClientSampled :

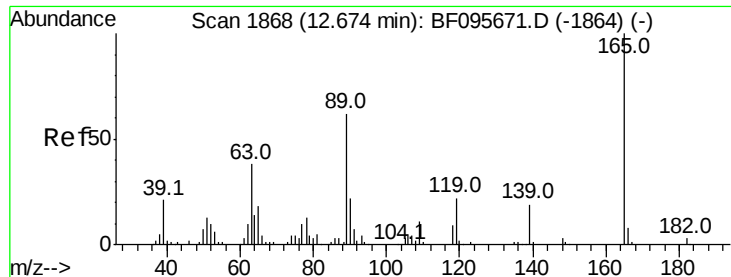
Tot Ion:184 Resp: 46736
 Ion Ratio Lower Upper
 184 100
 63 59.7 62.7 94.1#
 154 61.7 81.1 121.7#



#54
 Dibenzofuran
 Concen: 45.29 ng
 RT: 12.50 min Scan# 1872
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion:168 Resp: 522743
 Ion Ratio Lower Upper
 168 100
 139 36.7 30.6 45.8
 169 13.4 10.8 16.2





#55

4-Nitrophenol

Concen: 67.01 ng

RT: 12.62 min Scan# 1892

Delta R.T. -0.04 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampled :

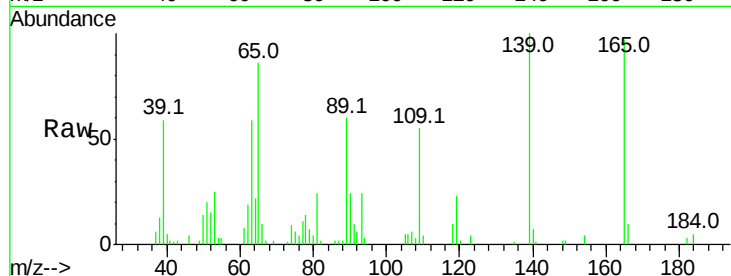
Tot Ion:139 Resp: 96203

Ion Ratio Lower Upper

139 100

109 55.0 34.1 74.1

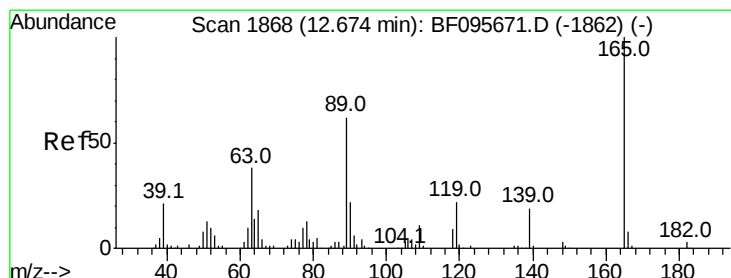
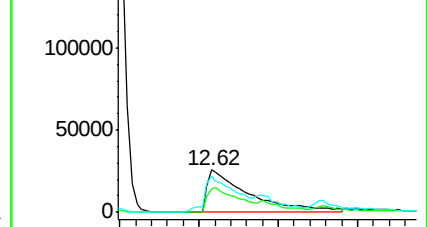
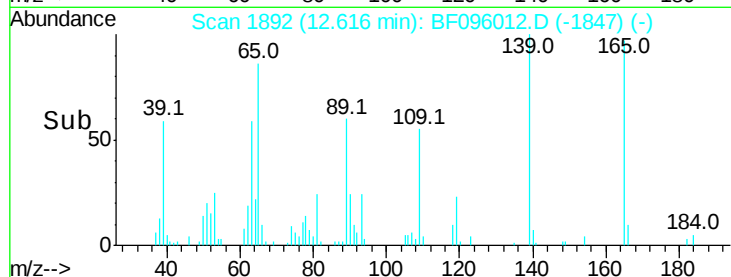
65 85.7 31.4 71.4#



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): BF0



#56

2,4-Dinitrotoluene

Concen: 45.11 ng

RT: 12.60 min Scan# 1889

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Tgt Ion:165 Resp: 130118

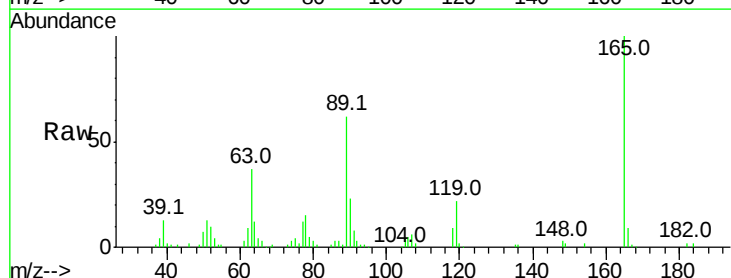
Ion Ratio Lower Upper

165 100

63 36.8 25.4 38.0

89 61.9 46.4 69.6

182 2.3 1.8 2.6

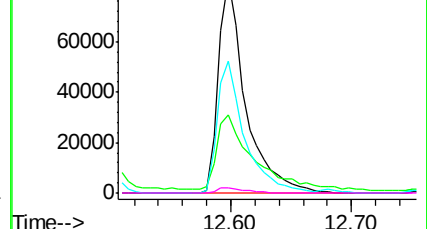
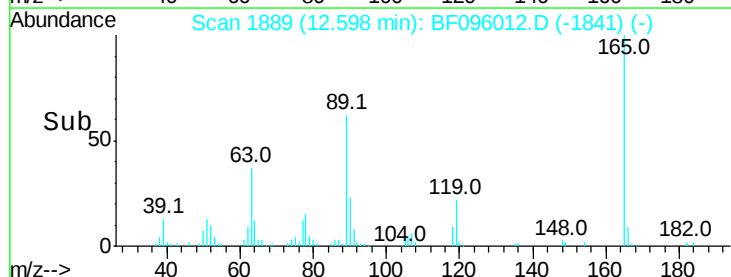


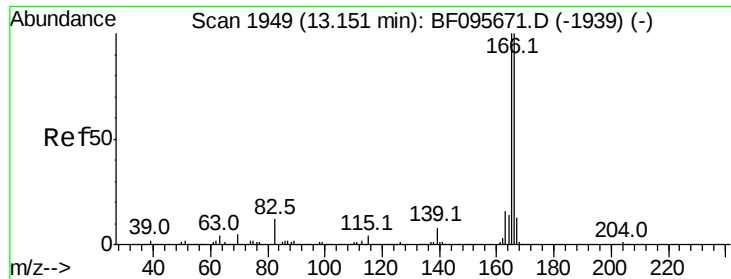
Abundance Ion 165.00 (164.70 to 165.70): E

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: 41.20 ng

RT: 13.05 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampled :

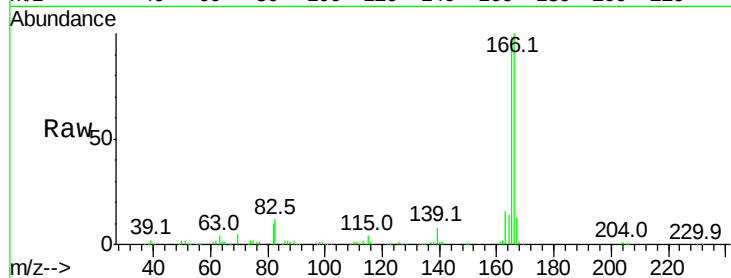
Tot Ion:166 Resp: 413846

Ion Ratio Lower Upper

166 100

165 98.5 78.8 118.2

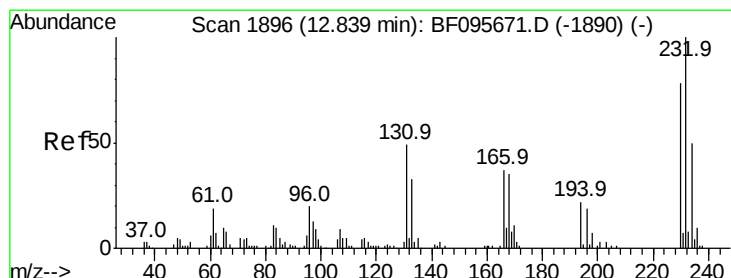
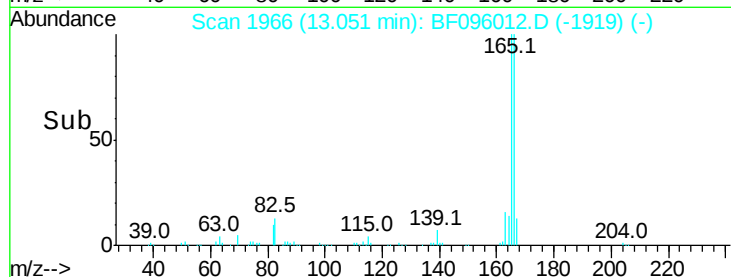
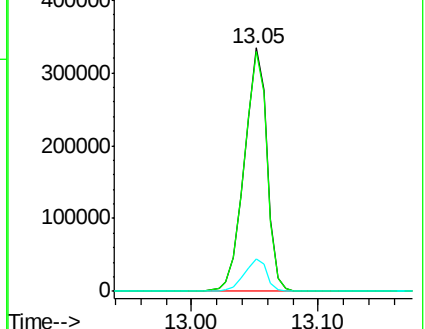
167 13.4 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.99 ng

RT: 12.76 min Scan# 1916

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Tgt Ion:232 Resp: 83056

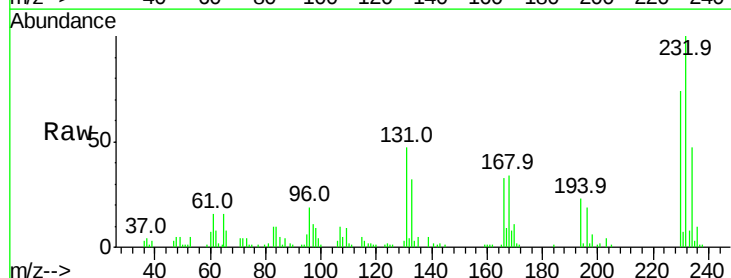
Ion Ratio Lower Upper

232 100

131 52.5 44.8 67.2

130 2.0 2.3 3.5#

166 33.1 29.0 43.4

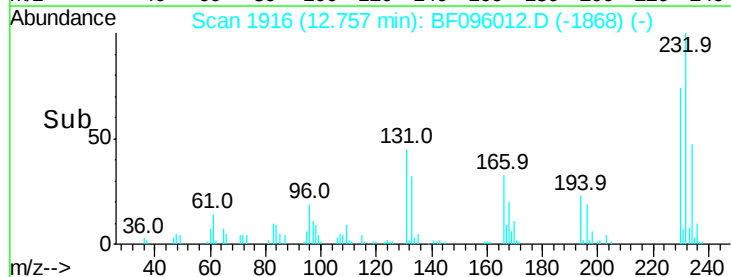
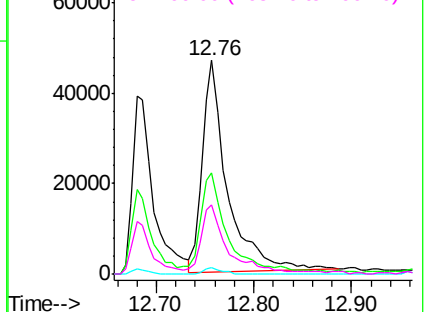


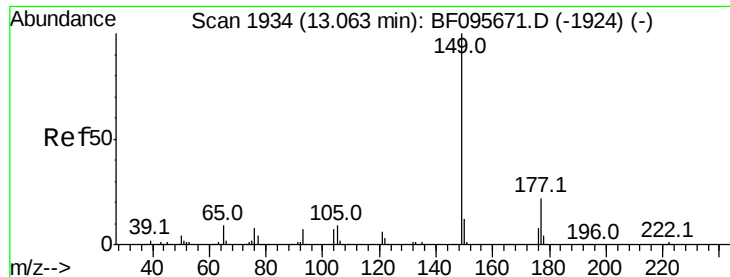
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 45.73 ng

RT: 12.97 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampleId :

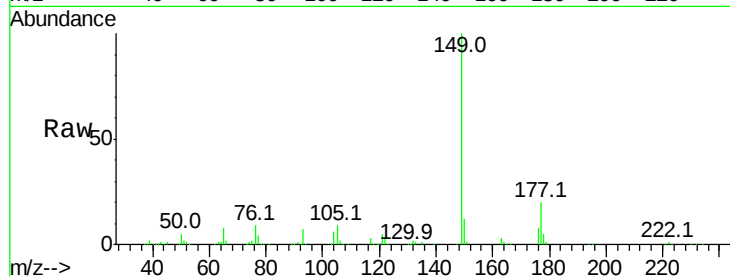
Tot Ion:149 Resp: 430885

Ion Ratio Lower Upper

149 100

177 20.4 16.7 25.1

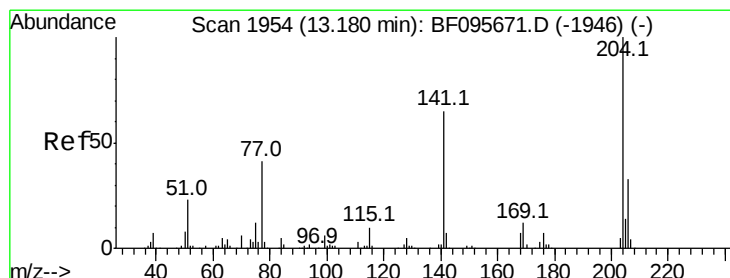
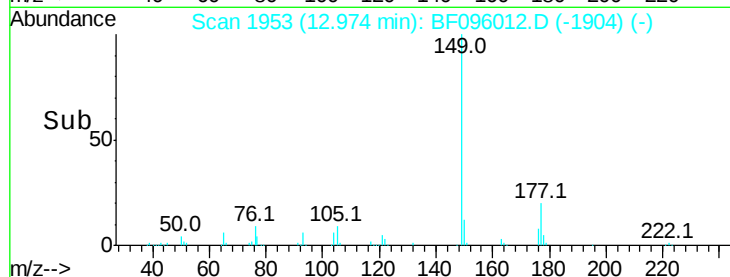
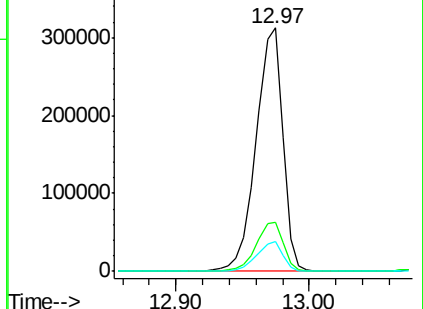
150 12.2 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 42.95 ng

RT: 13.08 min Scan# 1971

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

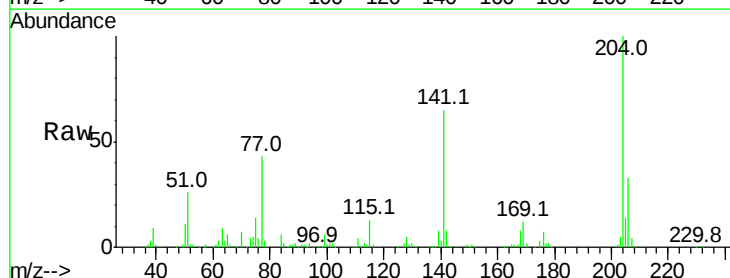
Tgt Ion:204 Resp: 187635

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.2

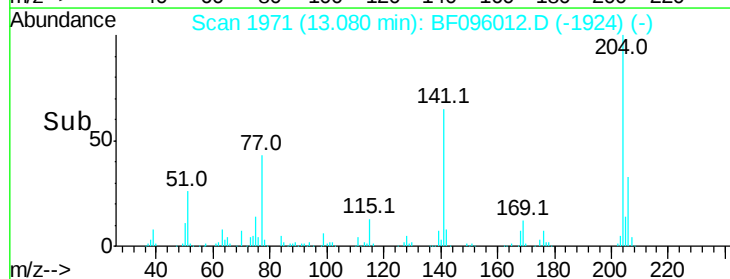
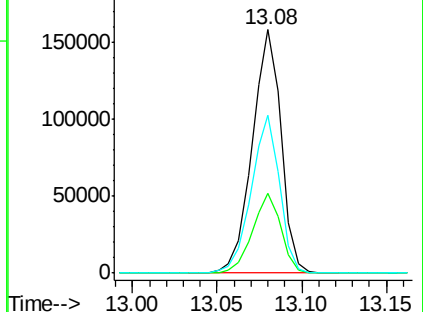
141 64.8 60.8 91.2

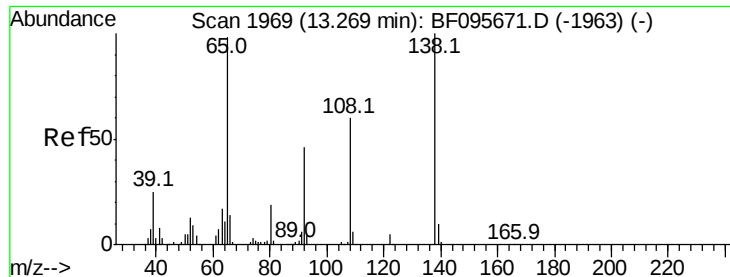


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

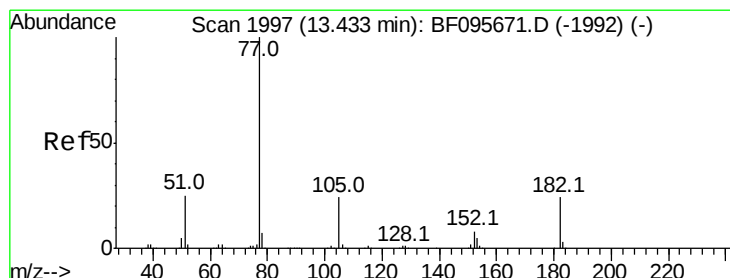
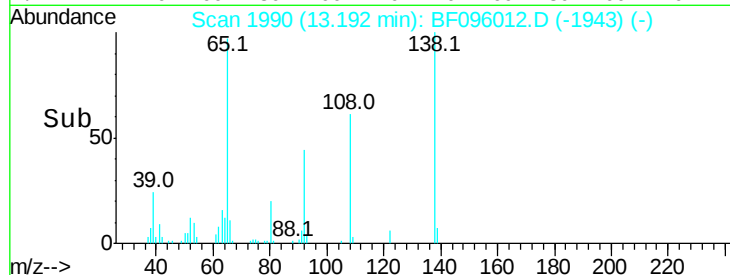
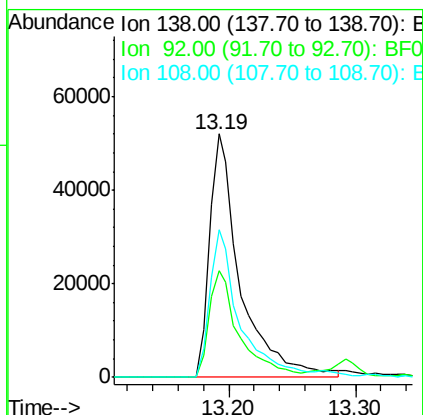
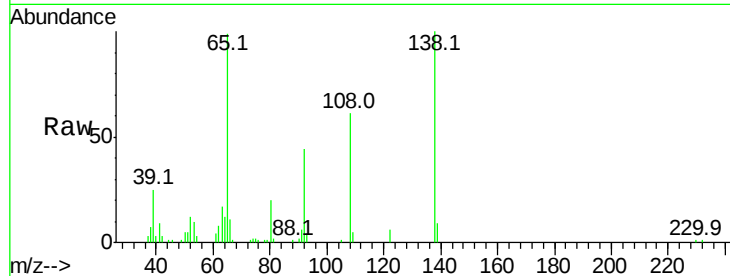




#61
4-Nitroaniline
Concen: 38.04 ng
RT: 13.19 min Scan# 1990
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

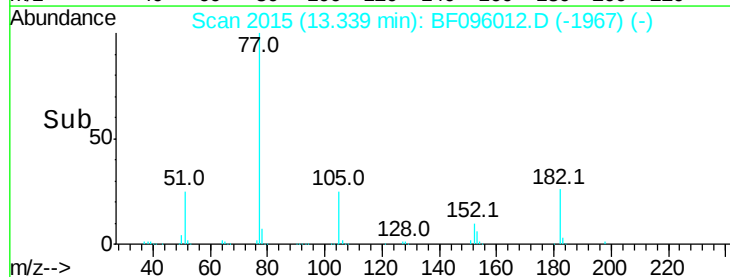
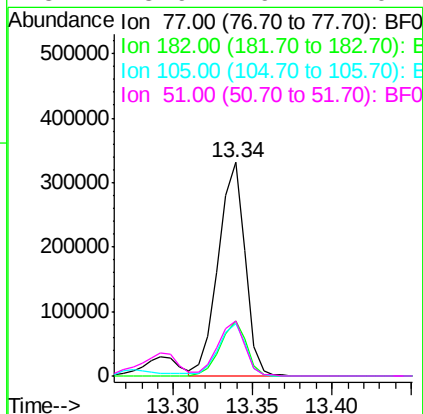
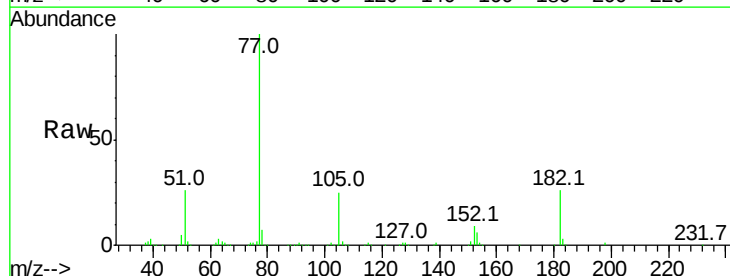
Instrument :
BNA_F
ClientSampleId :

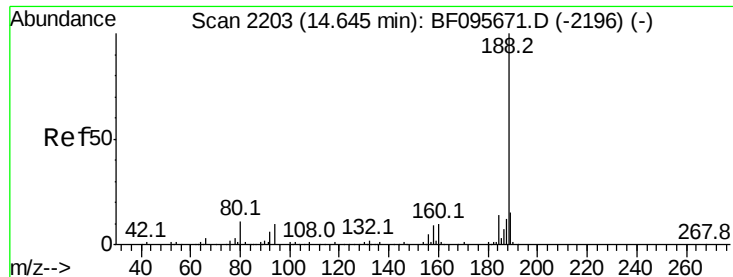
Tot Ion:138 Resp: 88373
Ion Ratio Lower Upper
138 100
92 43.8 21.8 61.8
108 60.7 42.3 82.3



#62
Azobenzene
Concen: 45.69 ng
RT: 13.34 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion: 77 Resp: 390201
Ion Ratio Lower Upper
77 100
182 25.5 0.1 40.1
105 24.9 3.6 43.6
51 25.9 9.4 49.4

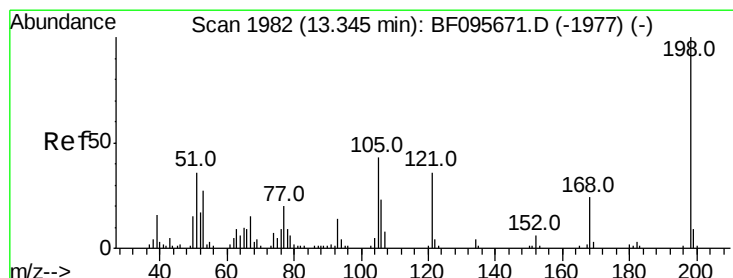
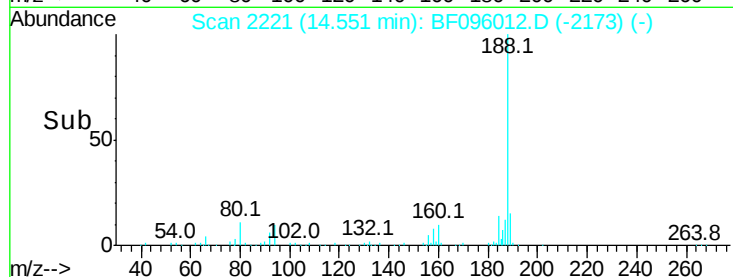
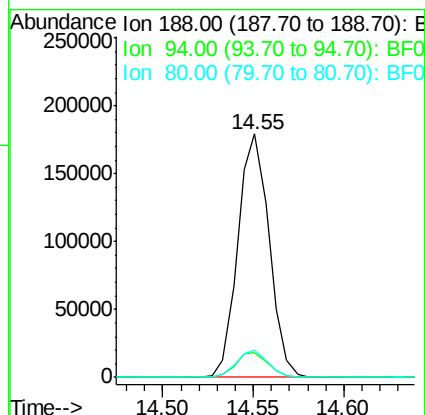
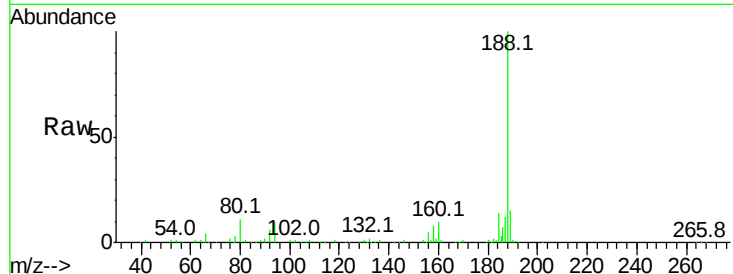




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.55 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

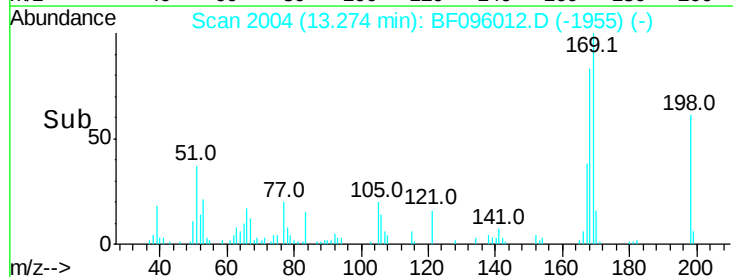
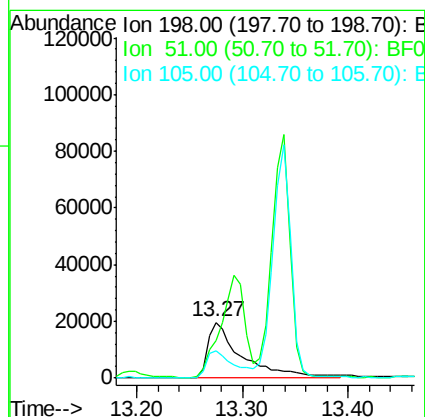
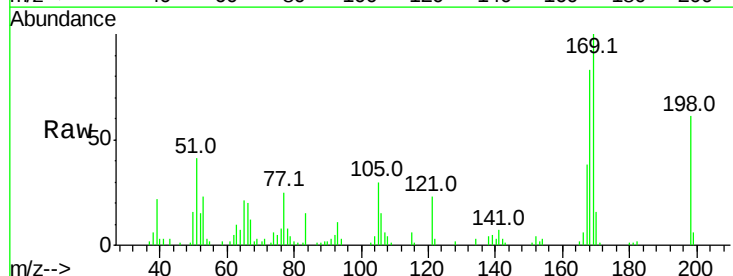
Instrument :
BNA_F
ClientSampleId :

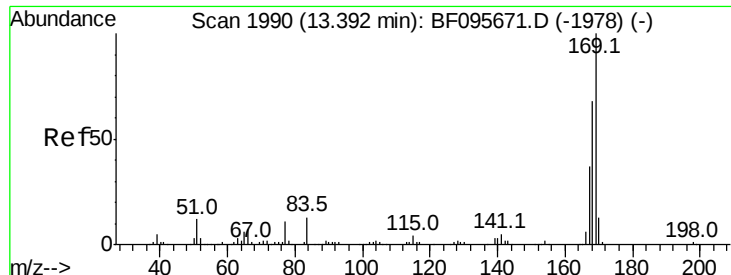
Tot Ion:188 Resp: 214446
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 11.0 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 31.50 ng
RT: 13.27 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion:198 Resp: 44395
Ion Ratio Lower Upper
198 100
51 66.4 53.2 93.2
105 49.1 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 46.04 ng

RT: 13.30 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampleId :

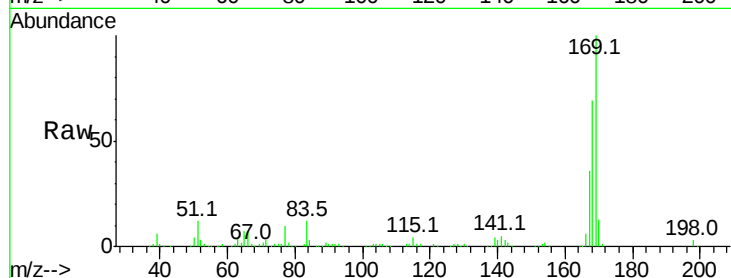
Tot Ion:169 Resp: 354758

Ion Ratio Lower Upper

169 100

168 68.6 53.2 79.8

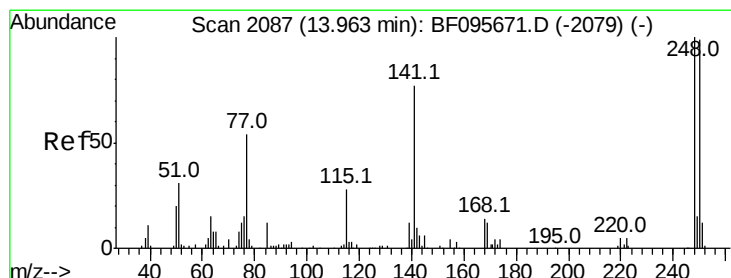
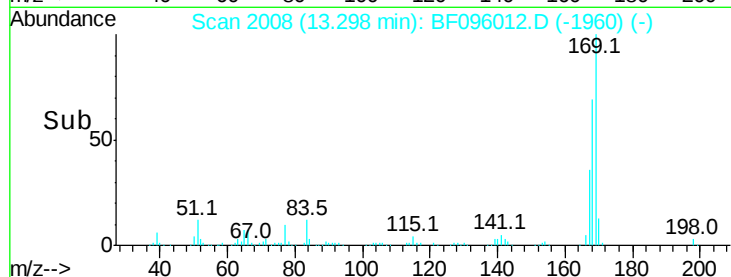
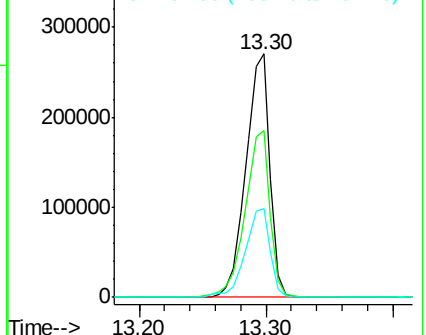
167 36.2 29.5 44.3



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: 46.73 ng

RT: 13.86 min Scan# 2104

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

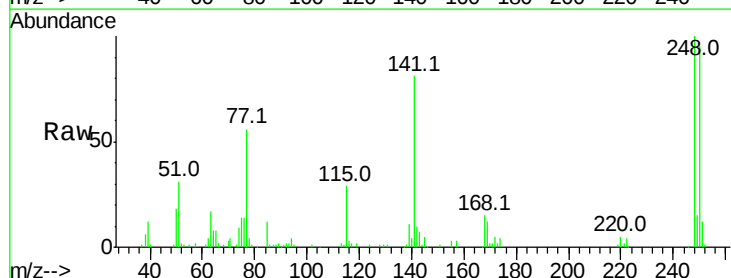
Tgt Ion:248 Resp: 104144

Ion Ratio Lower Upper

248 100

250 95.0 76.8 115.2

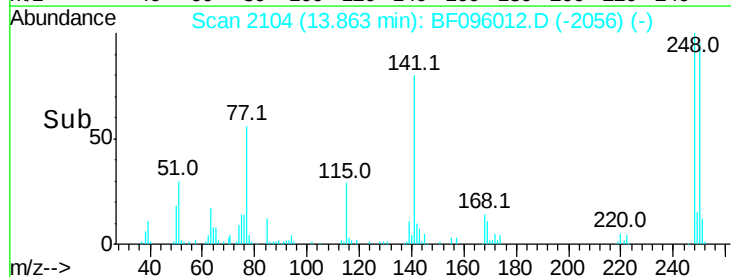
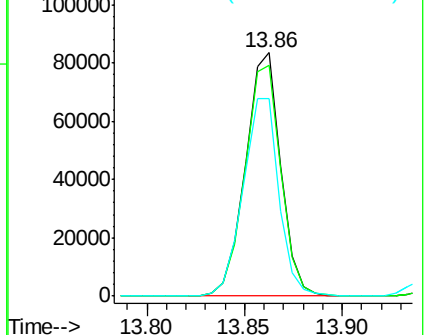
141 81.0 68.6 103.0

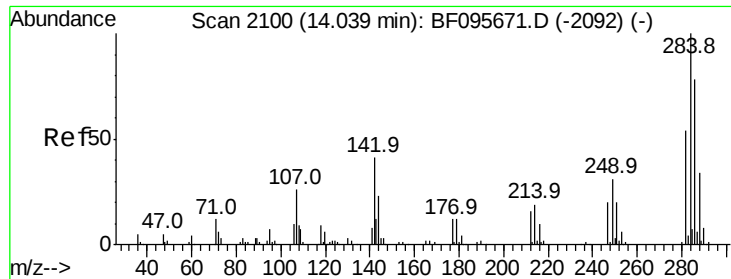


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

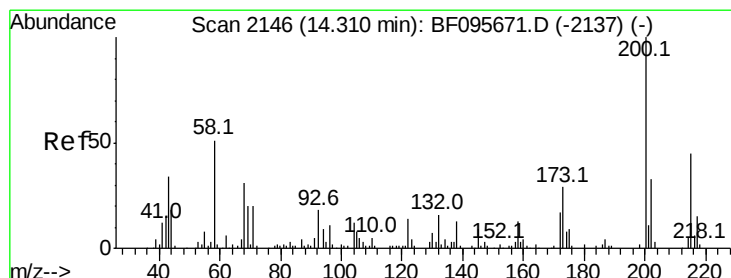
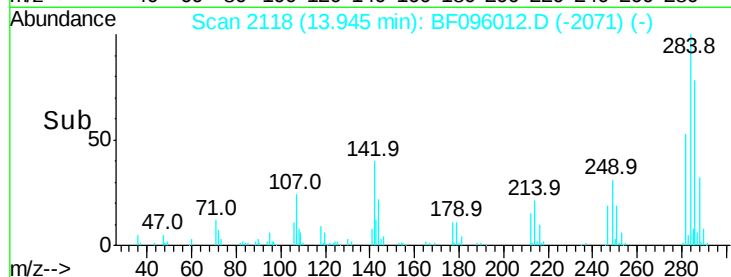
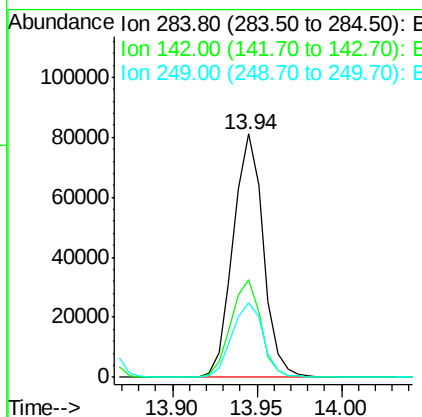
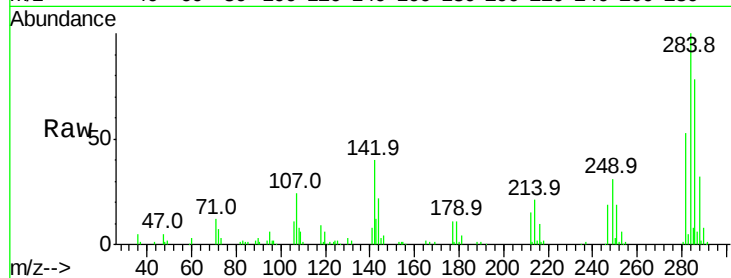




#67
Hexachlorobenzene
Concen: 46.07 ng
RT: 13.94 min Scan# 2118
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

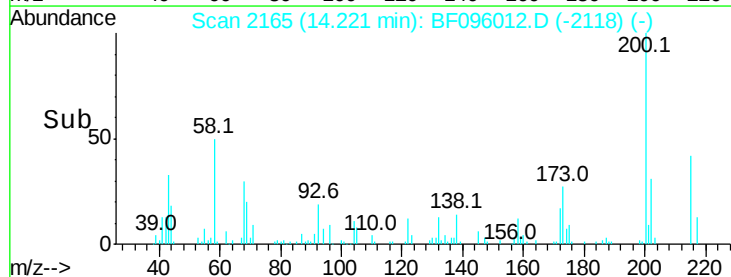
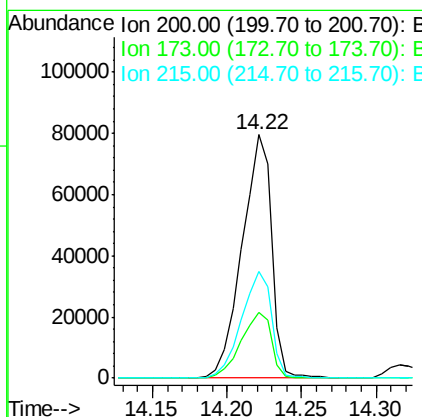
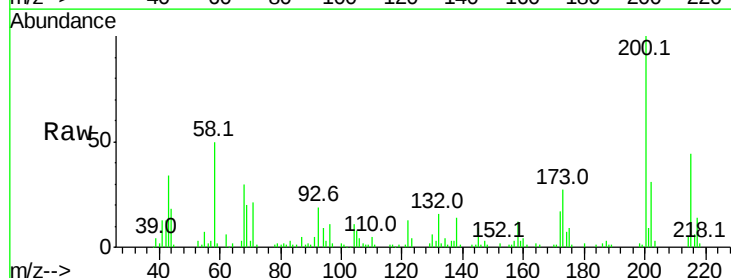
Instrument :
BNA_F
ClientSampleId :

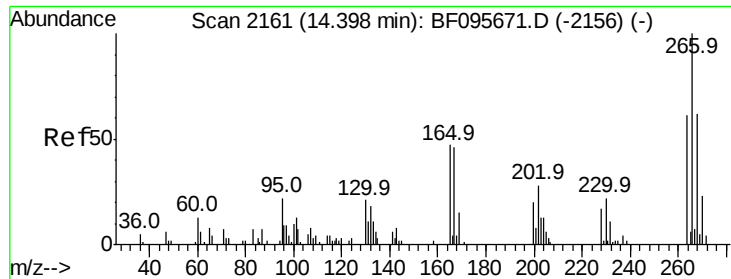
Tot Ion:284 Resp: 101187
Ion Ratio Lower Upper
284 100
142 40.3 22.8 34.2#
249 30.8 24.0 36.0



#68
Atrazine
Concen: 50.78 ng
RT: 14.22 min Scan# 2165
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion:200 Resp: 108898
Ion Ratio Lower Upper
200 100
173 26.9 6.3 46.3
215 43.9 27.2 67.2

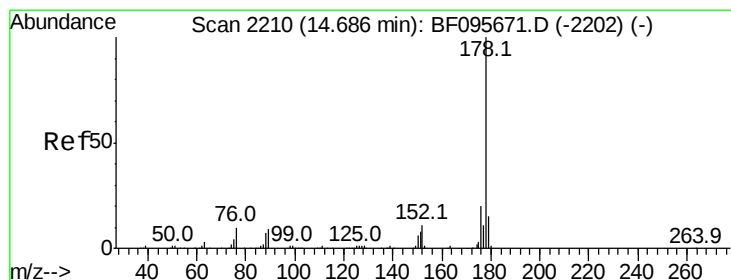
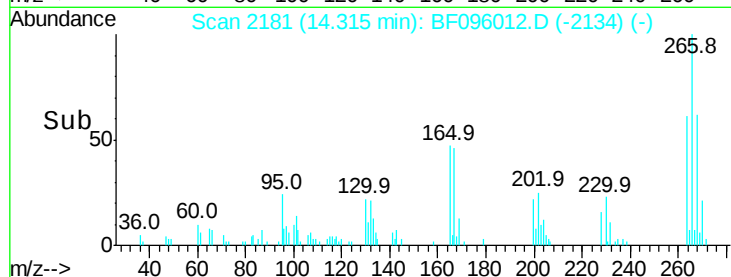
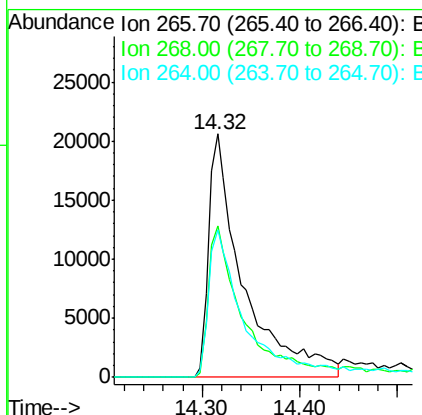
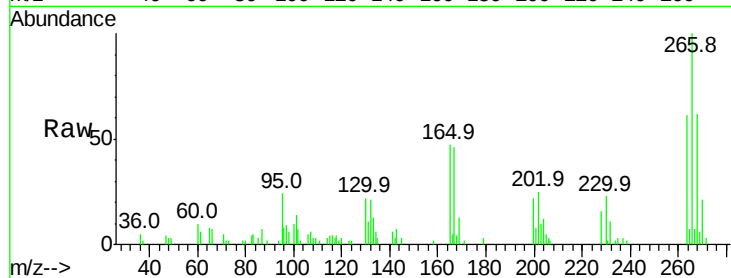




#69
 Pentachlorophenol
 Concen: 62.73 ng
 RT: 14.32 min Scan# 2181
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

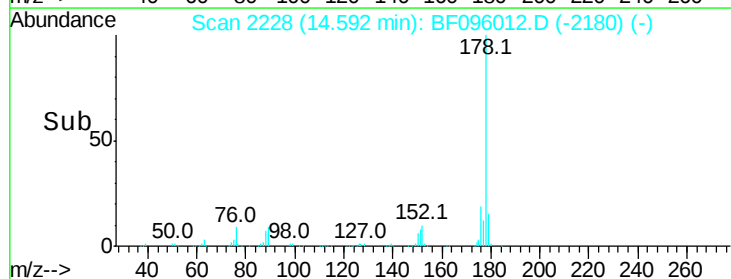
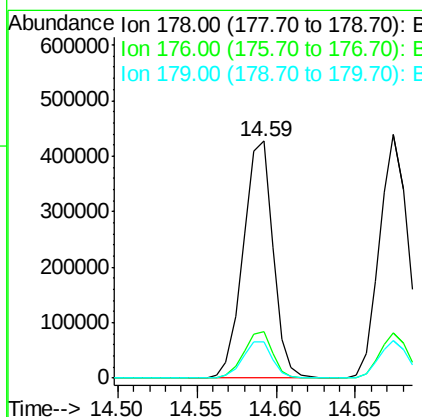
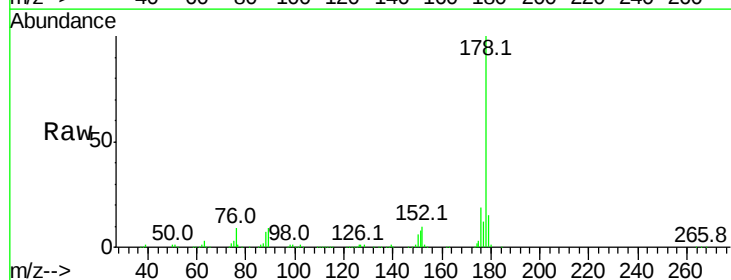
Instrument :
 BNA_F
 ClientSampled :

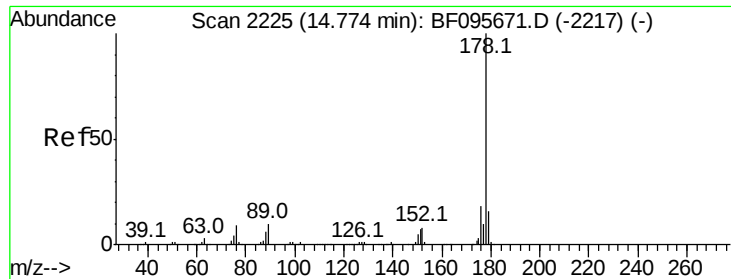
Tot Ion	Ratio	Lower	Upper
266	100		
268	62.3	51.1	76.7
264	60.8	51.7	77.5



#70
 Phenanthrene
 Concen: 45.09 ng
 RT: 14.59 min Scan# 2228
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	16.2	24.4
179	15.4	12.6	19.0

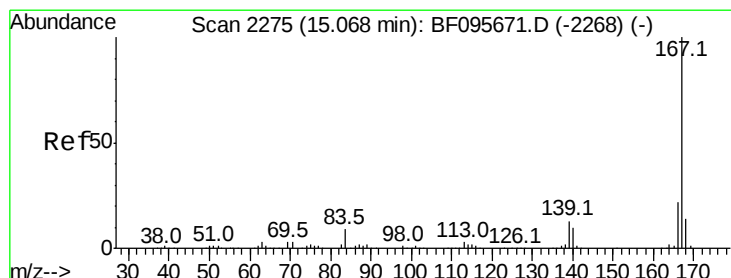
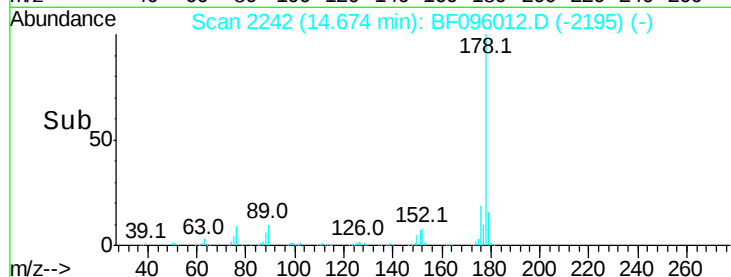
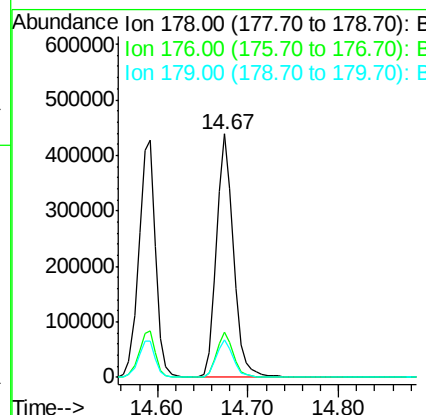
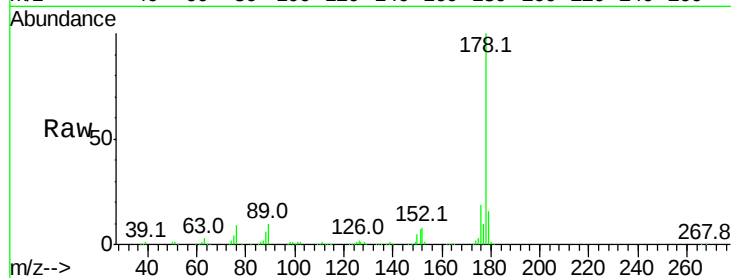




#71
 Anthracene
 Concen: 44.67 ng
 RT: 14.67 min Scan# 2242
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

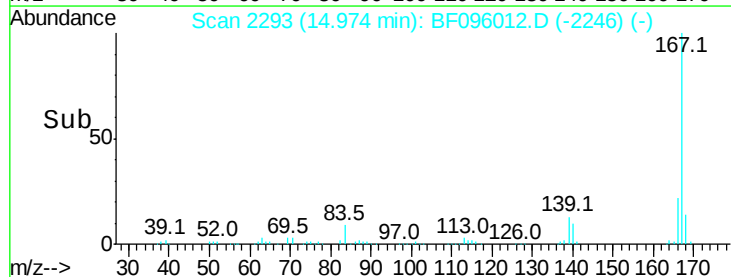
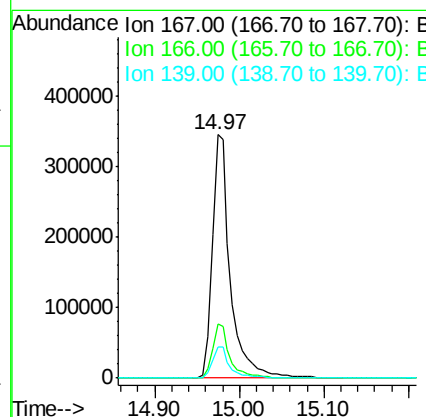
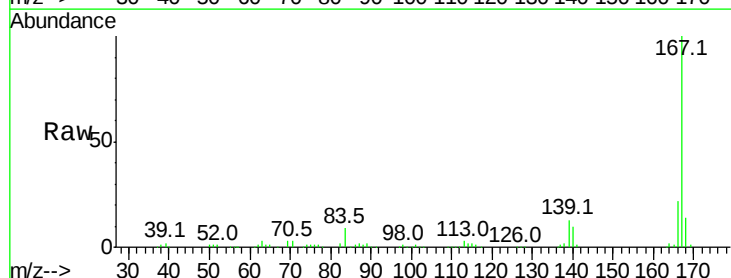
Instrument :
 BNA_F
 ClientSampled :

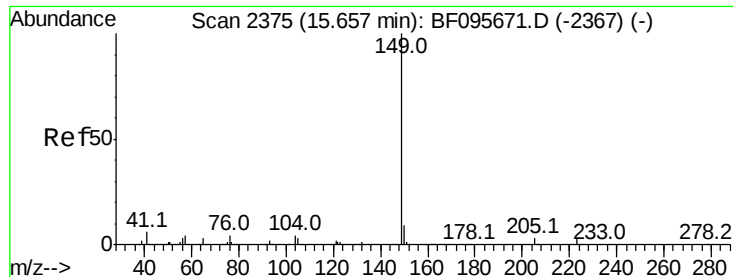
Tot Ion:178 Resp: 577013
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 41.14 ng
 RT: 14.97 min Scan# 2293
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion:167 Resp: 517905
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 12.8 11.7 17.5





#73

Di-n-butylphthalate

Concen: 49.26 ng

RT: 15.57 min Scan# 2394

Delta R.T. -0.02 min

Lab File: BF096012.D

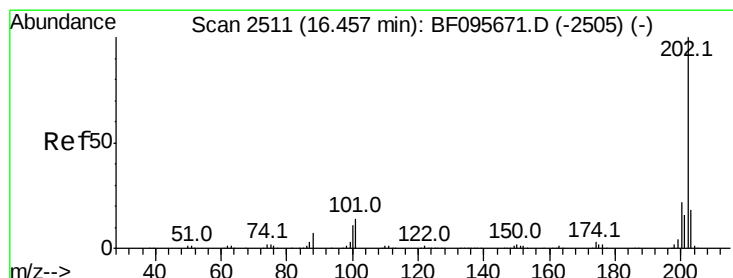
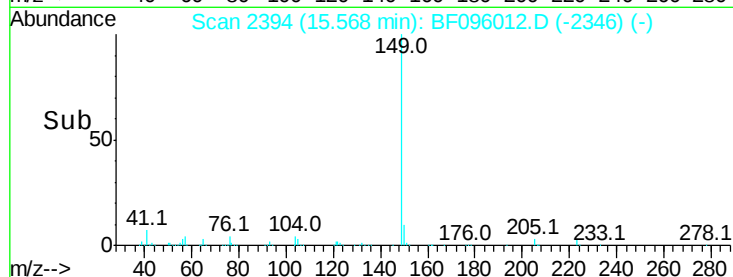
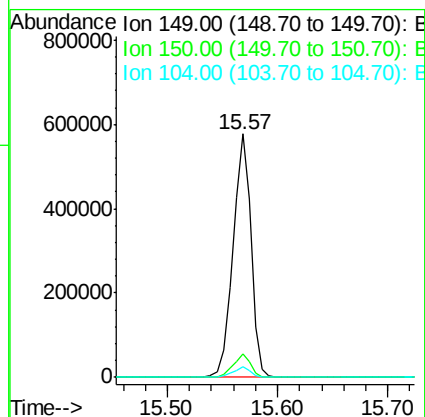
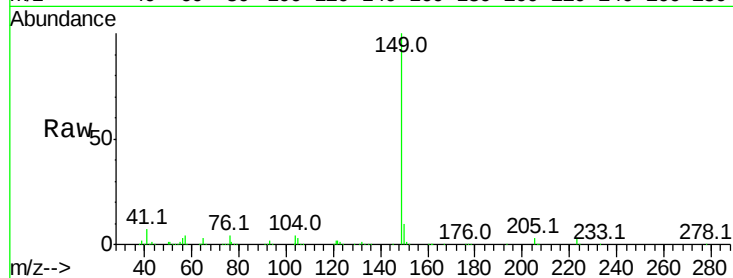
Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	149	Resp:	659735
Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.7	11.5
104	4.4	4.0	6.0



#74

Fluoranthene

Concen: 41.66 ng

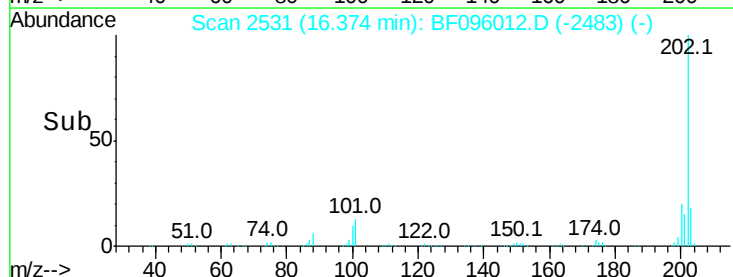
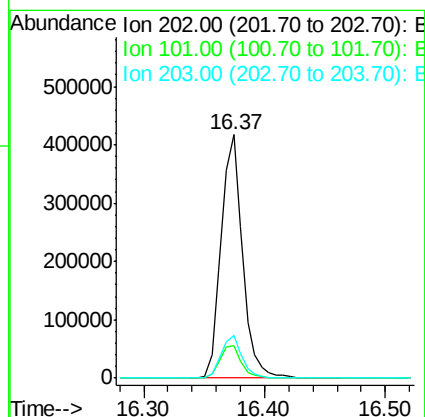
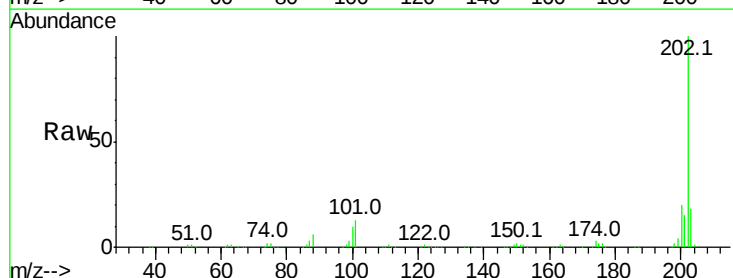
RT: 16.37 min Scan# 2531

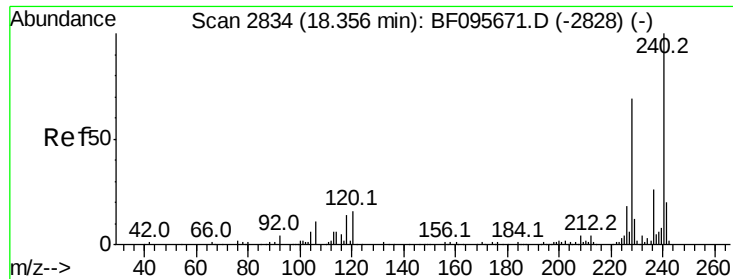
Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Tgt Ion:	202	Resp:	510193
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	17.6	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2854

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampleId :

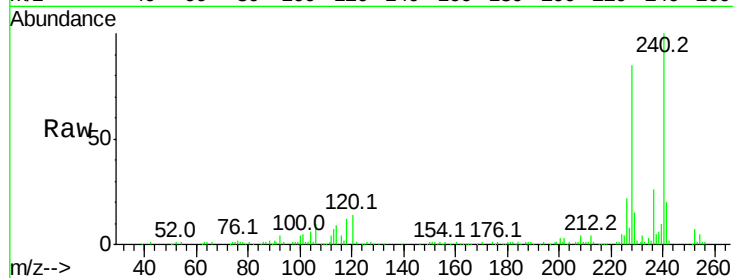
Tot Ion:240 Resp: 128689

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

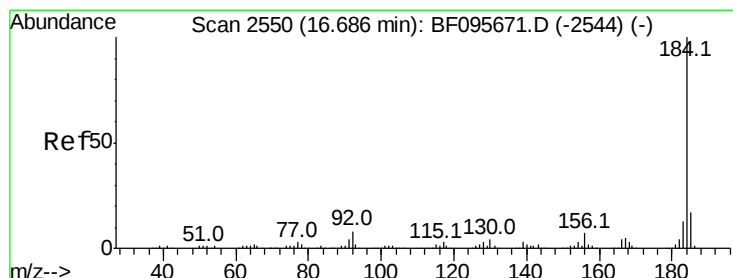
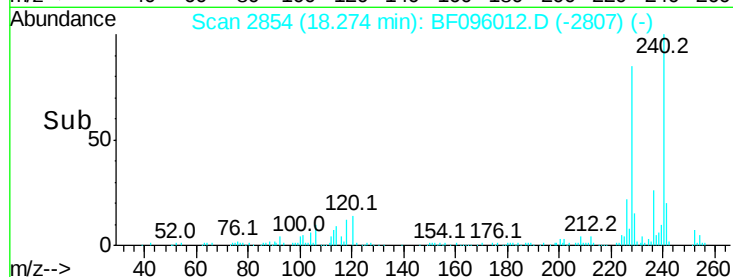
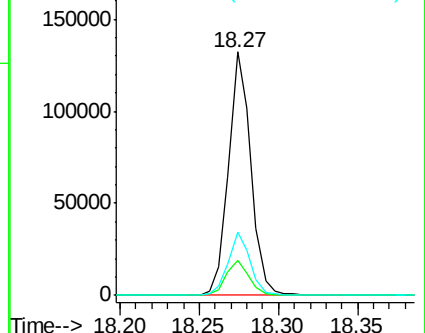
236 25.9 20.5 30.7



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



#76

Benzidine

Concen: 43.13 ng

RT: 16.61 min Scan# 2571

Delta R.T. -0.01 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

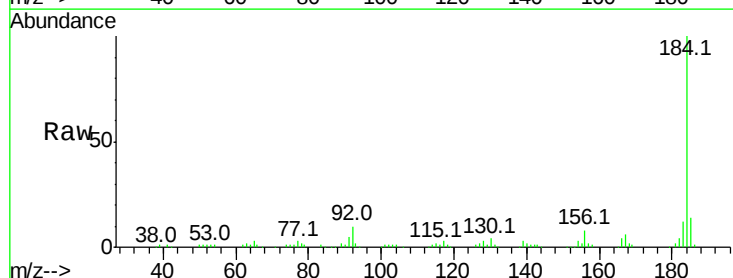
Tgt Ion:184 Resp: 213190

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

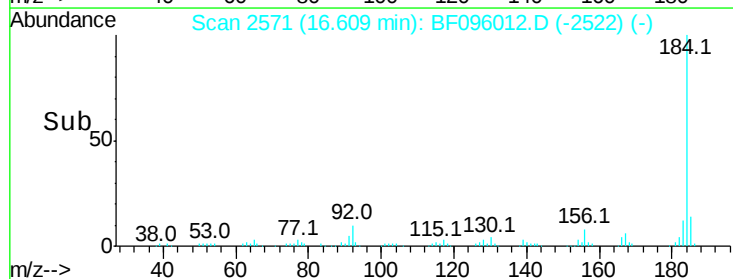
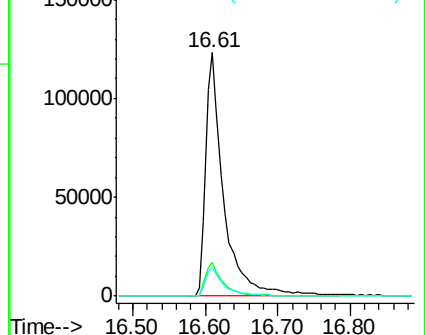
183 12.0 9.8 14.6

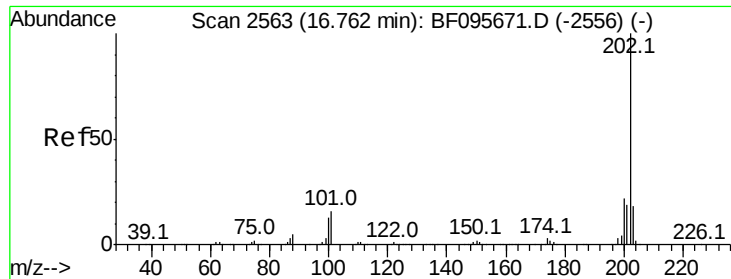


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

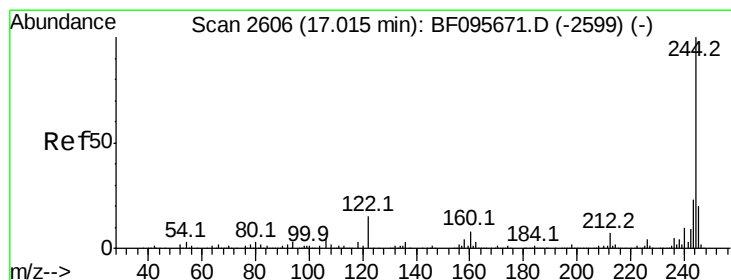
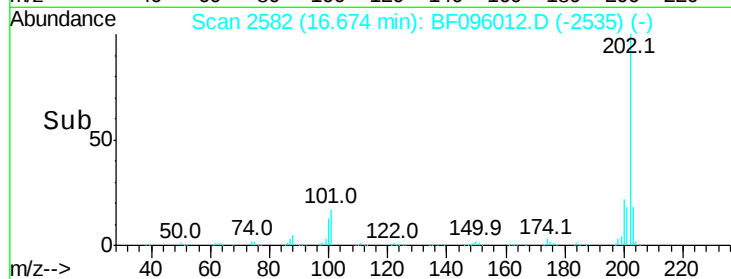
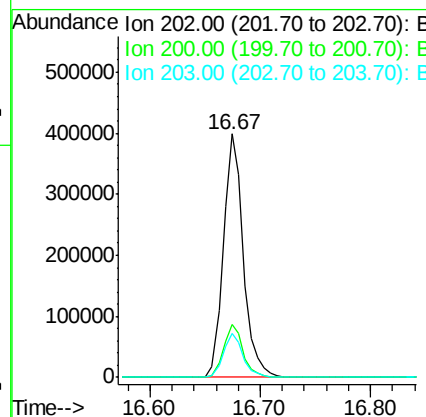
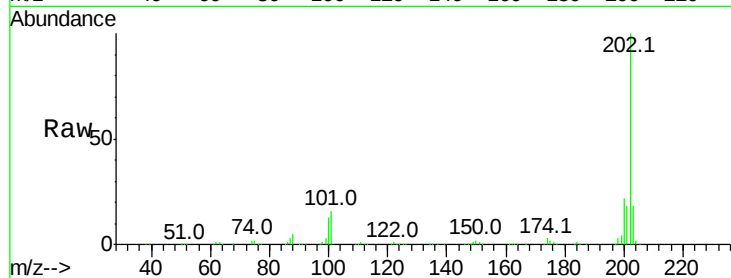




#77
Pvrene
Concen: 51.93 ng
RT: 16.67 min Scan# 2582
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

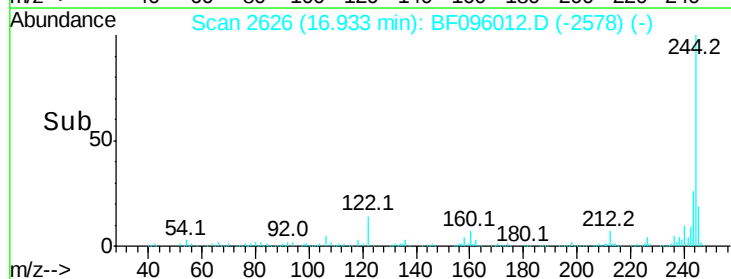
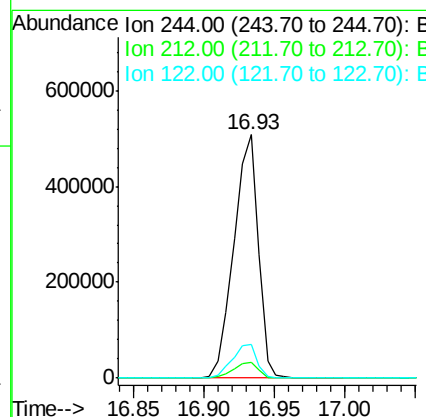
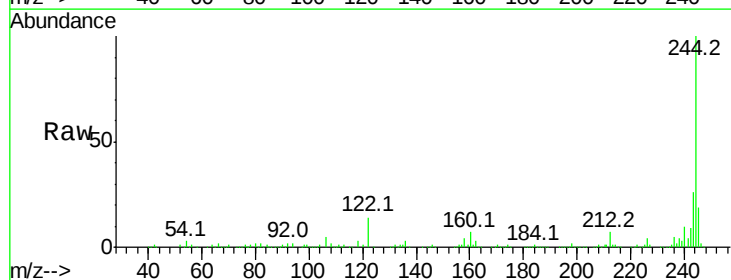
Instrument :
BNA_F
ClientSampleId :

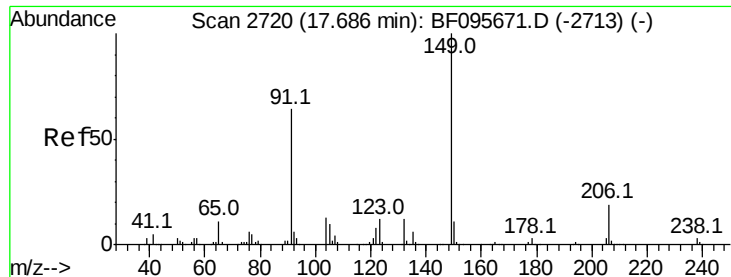
Tot Ion:202 Resp: 498620
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 18.0 14.4 21.6



#78
Terphenyl-d14
Concen: 117.60 ng
RT: 16.93 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion:244 Resp: 609785
Ion Ratio Lower Upper
244 100
212 6.6 6.0 9.0
122 13.7 10.3 15.5

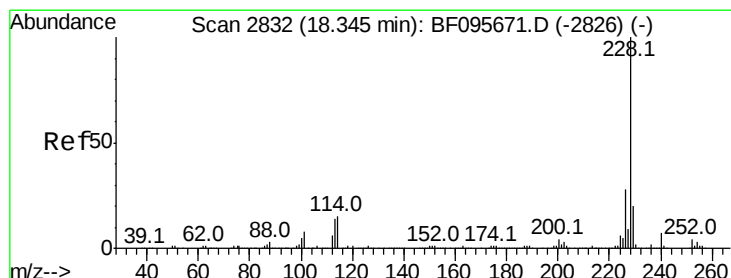
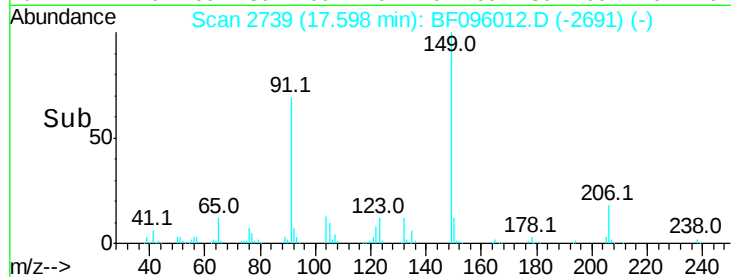
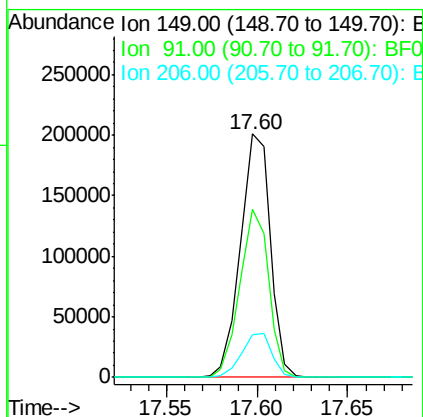
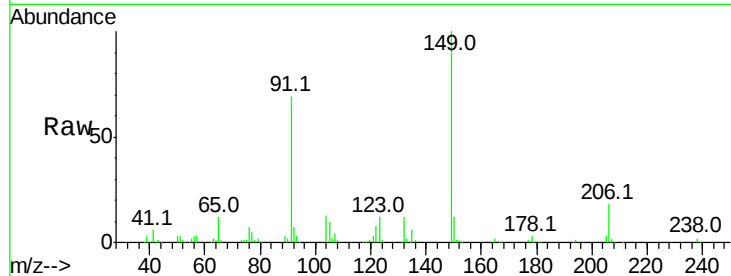




#79
Butylbenzylphthalate
Concen: 55.00 ng
RT: 17.60 min Scan# 2739
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

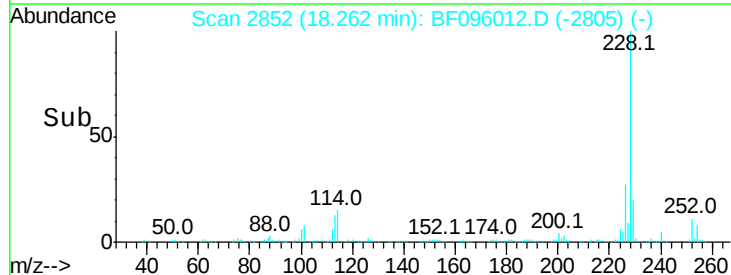
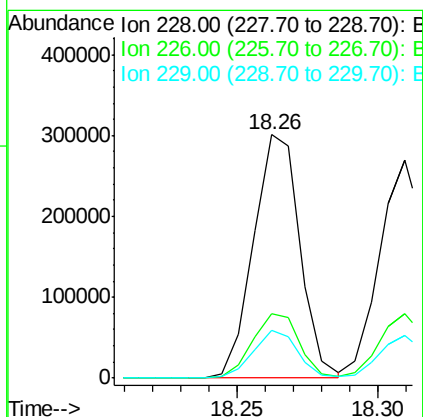
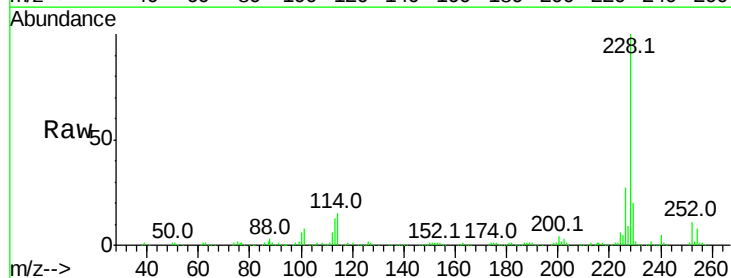
Instrument :
BNA_F
ClientSampleId :

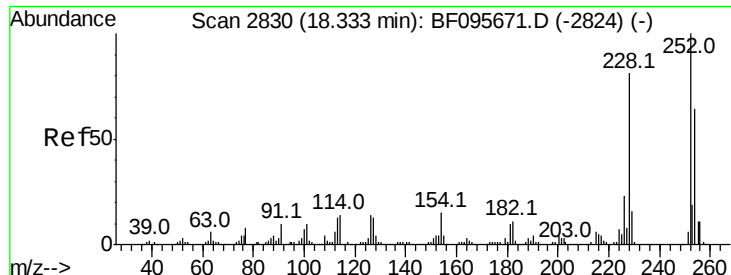
Tot Ion:149 Resp: 230644
Ion Ratio Lower Upper
149 100
91 69.2 45.0 67.4#
206 17.6 17.0 25.6



#80
Benzo(a)anthracene
Concen: 45.78 ng
RT: 18.26 min Scan# 2852
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion:228 Resp: 342538
Ion Ratio Lower Upper
228 100
226 26.6 22.6 33.8
229 19.8 16.3 24.5

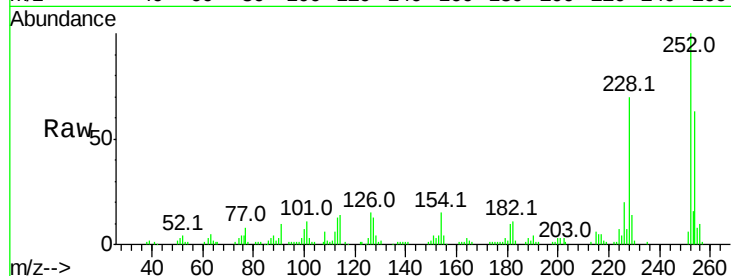




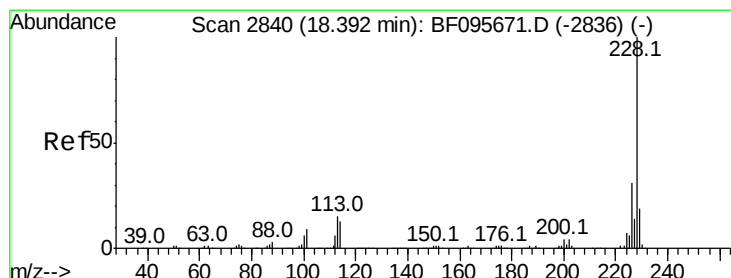
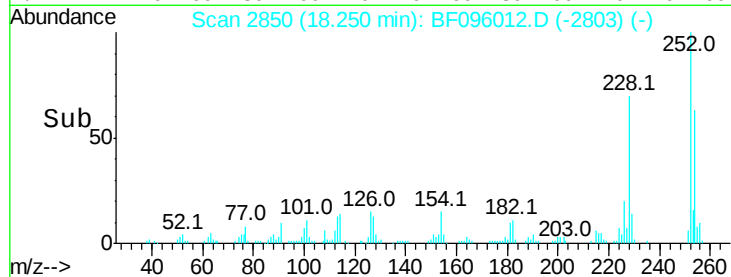
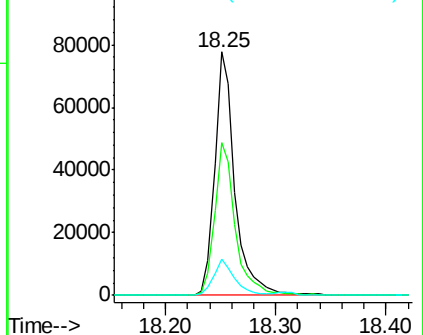
#81
 3,3'-Dichlorobenzidine
 Concen: 36.85 ng
 RT: 18.25 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 98023
 Ion Ratio Lower Upper
 252 100
 254 62.6 51.5 77.3
 126 15.2 15.8 23.8#

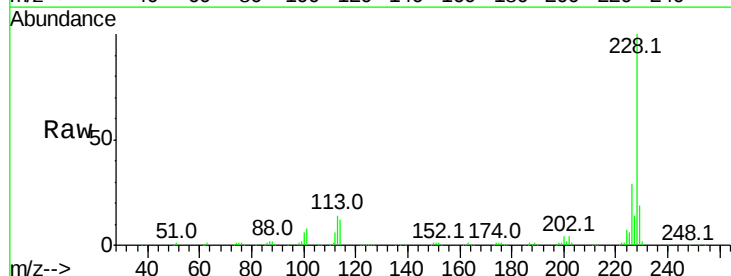


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

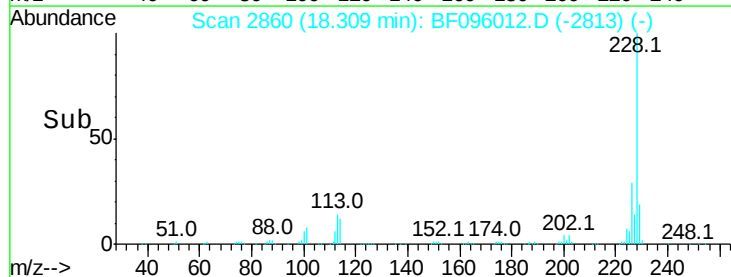
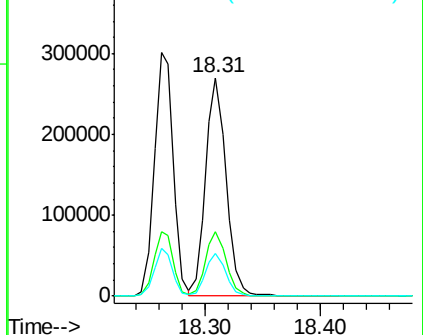


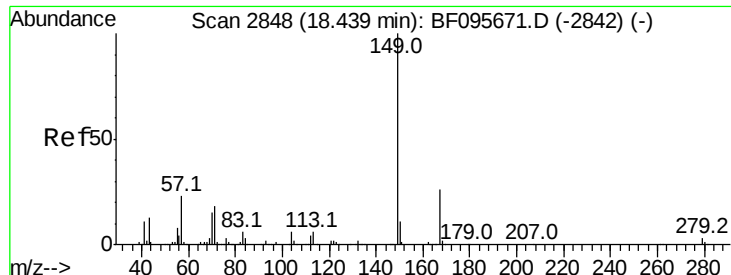
#82
 Chrysene
 Concen: 44.92 ng
 RT: 18.31 min Scan# 2860
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion:228 Resp: 335843
 Ion Ratio Lower Upper
 228 100
 226 29.4 24.9 37.3
 229 19.4 15.8 23.6



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

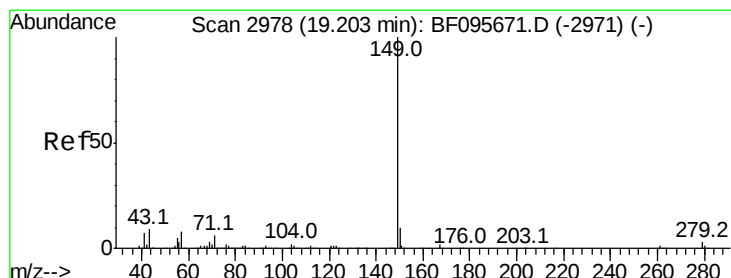
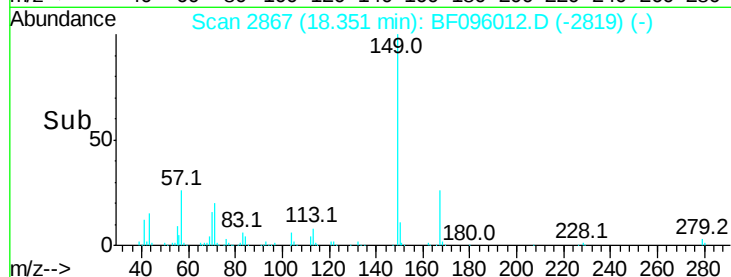
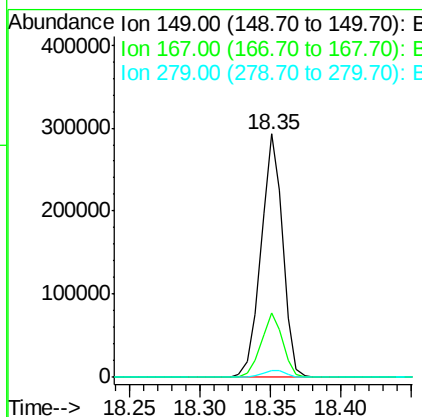
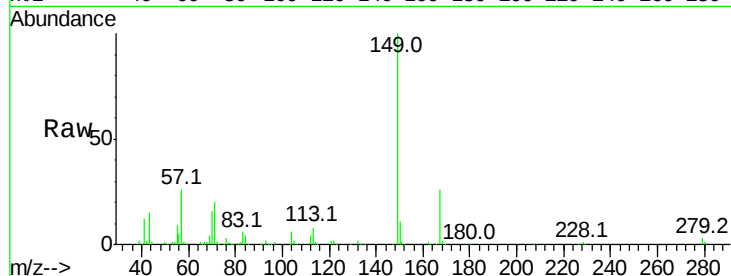




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 53.79 ng
 RT: 18.35 min Scan# 2867
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

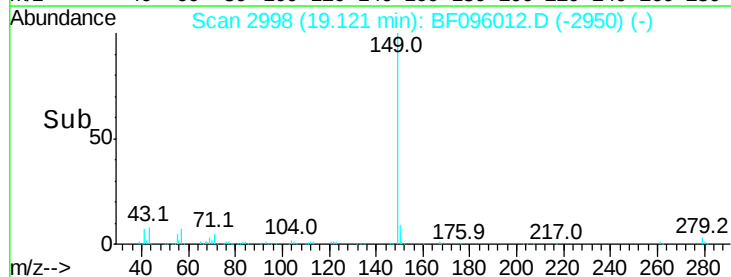
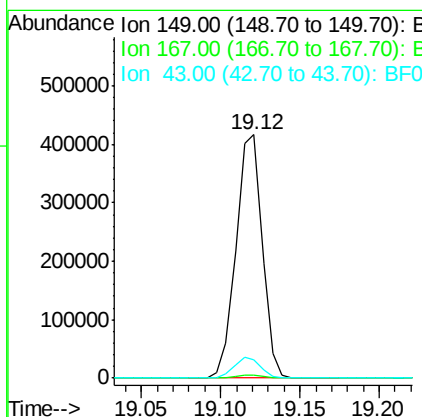
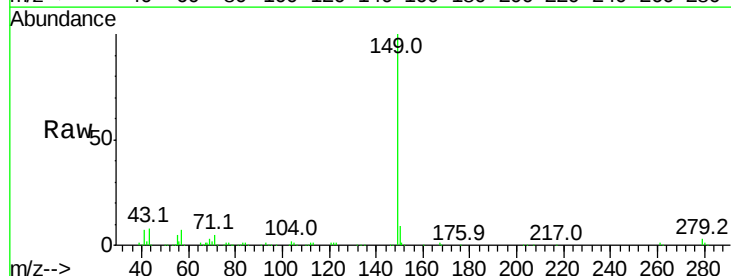
Instrument :
 BNA_F
 ClientSampleId :

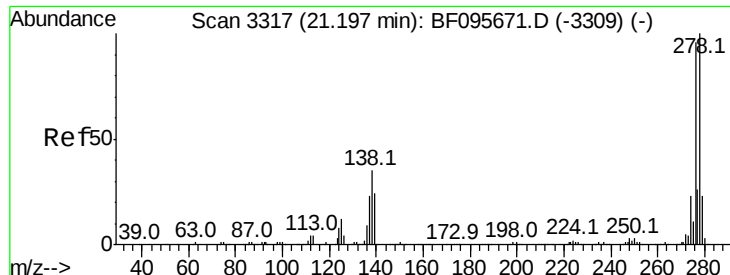
Tot Ion:149 Resp: 318193
 Ion Ratio Lower Upper
 149 100
 167 26.4 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 49.01 ng
 RT: 19.12 min Scan# 2998
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion:149 Resp: 477718
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.6 8.5 12.7

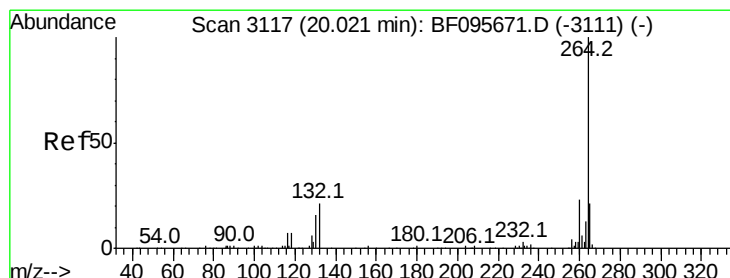
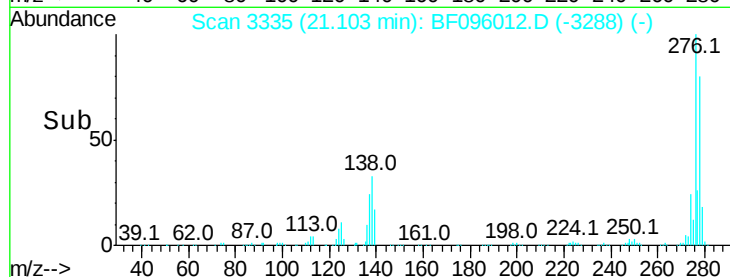
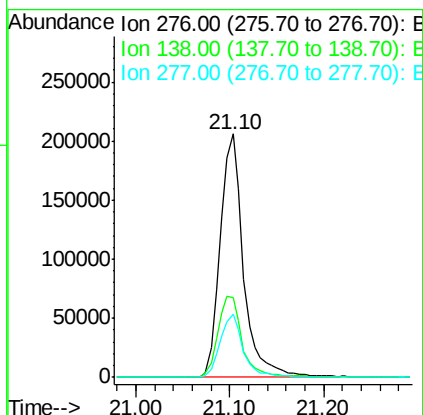
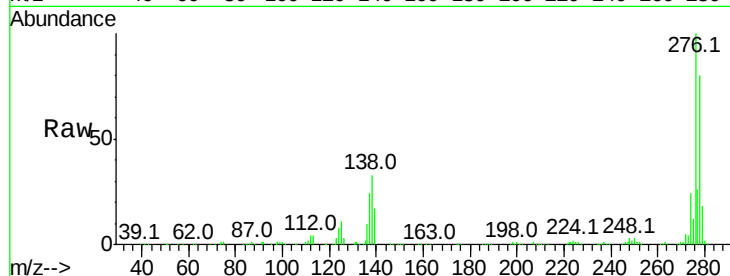




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 56.06 ng
 RT: 21.10 min Scan# 3335
 Delta R.T. -0.02 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

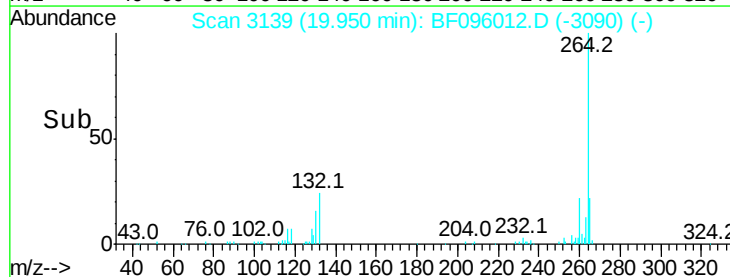
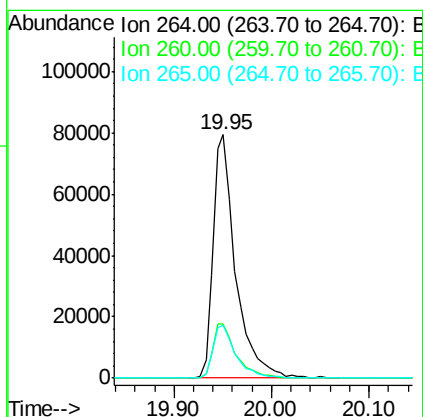
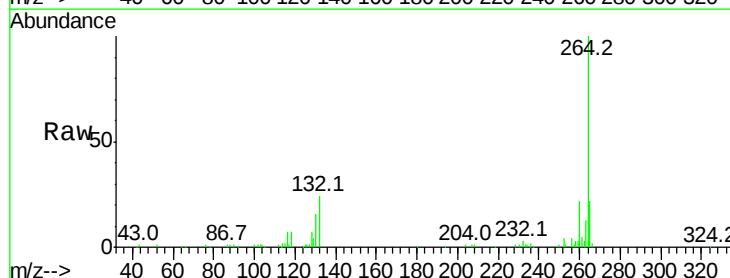
Instrument :
 BNA_F
 ClientSampled :

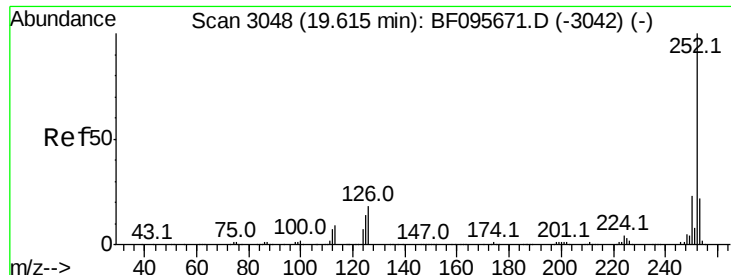
Tot Ion:276 Resp: 358630
 Ion Ratio Lower Upper
 276 100
 138 34.8 27.8 41.6
 277 25.6 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 19.95 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BF096012.D
 Acq: 19 Jun 2017 18:23

Tgt Ion:264 Resp: 125972
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 21.7 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 43.87 ng

RT: 19.54 min Scan# 3069

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampleId :

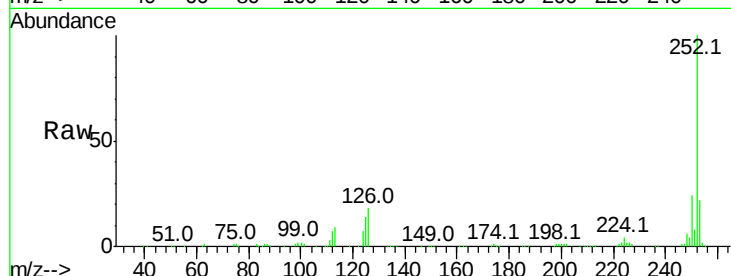
Tot Ion:252 Resp: 346030

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

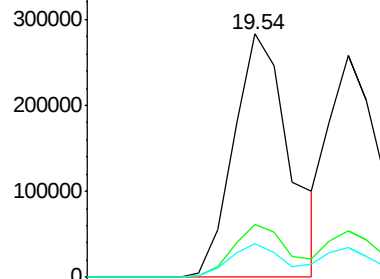
125 13.6 9.8 14.8



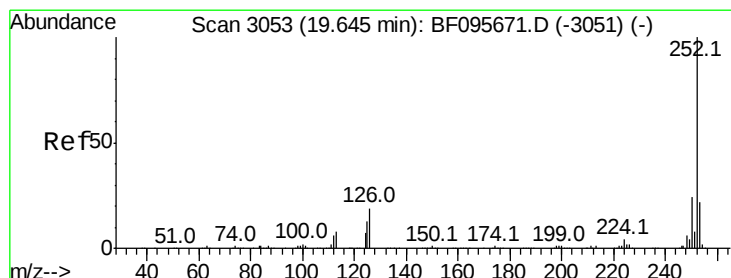
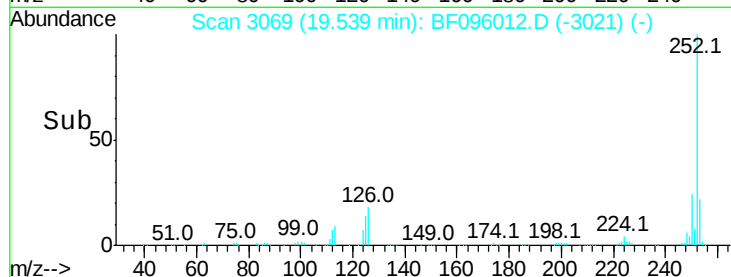
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#88

Benzo(k)fluoranthene

Concen: 41.79 ng

RT: 19.57 min Scan# 3074

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

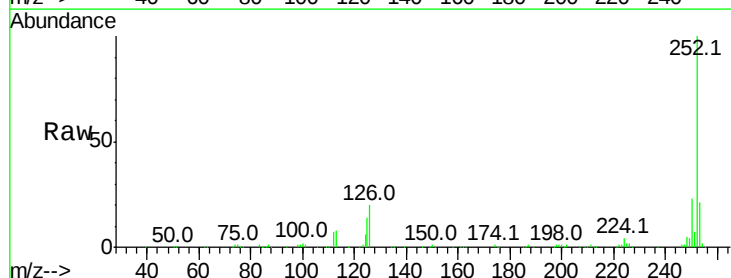
Tgt Ion:252 Resp: 315056

Ion Ratio Lower Upper

252 100

253 20.8 18.4 27.6

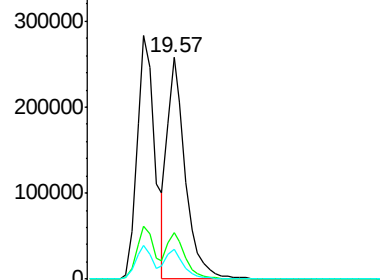
125 13.7 13.1 19.7



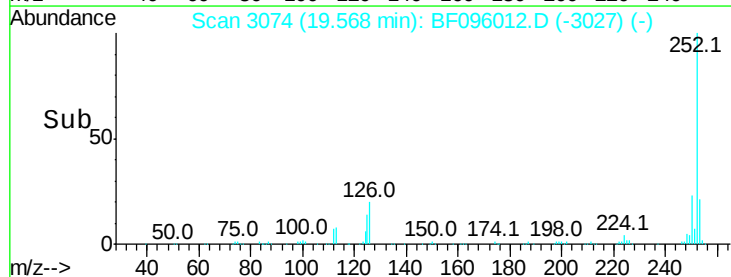
Abundance Ion 252.00 (251.70 to 252.70): E

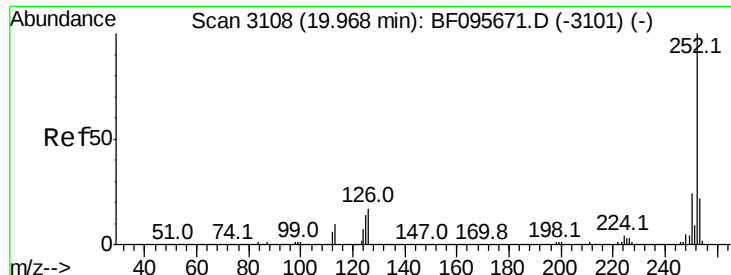
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->

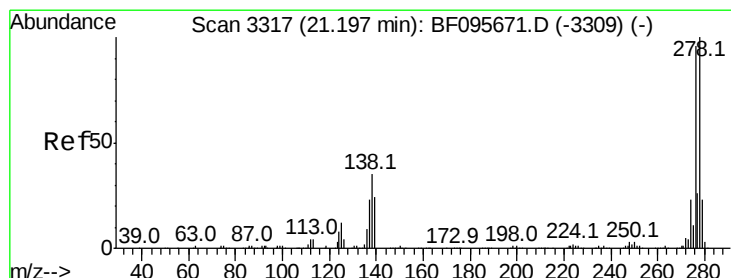
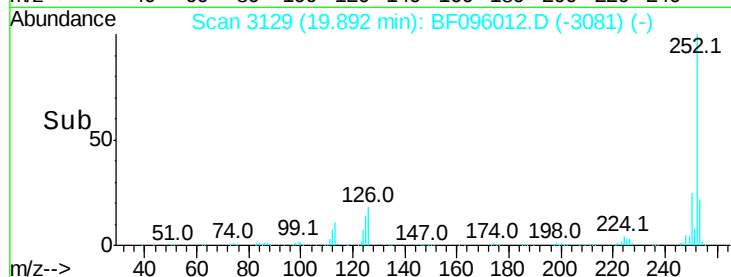
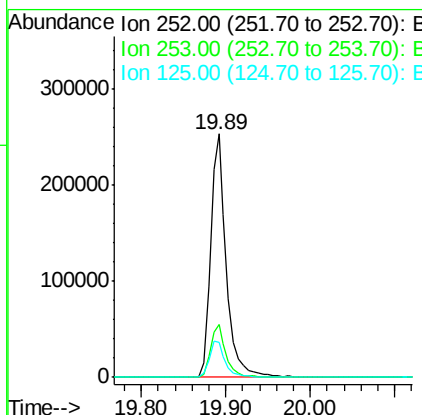
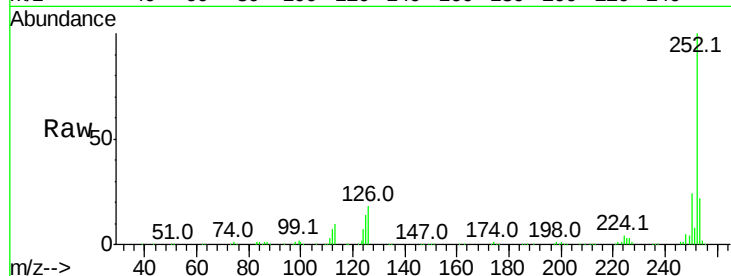




#89
Benzo(a)pyrene
Concen: 45.56 ng
RT: 19.89 min Scan# 3129
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

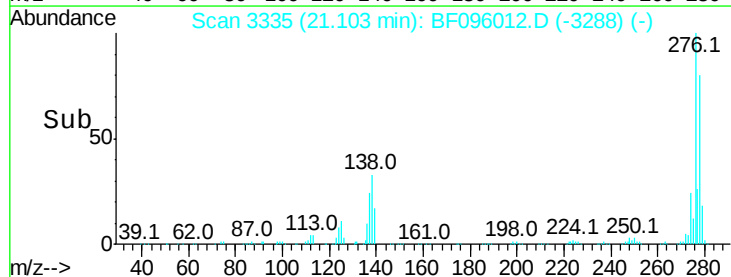
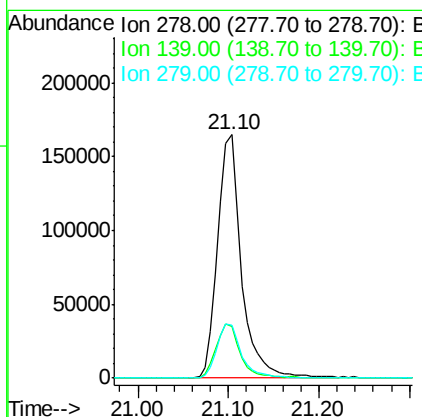
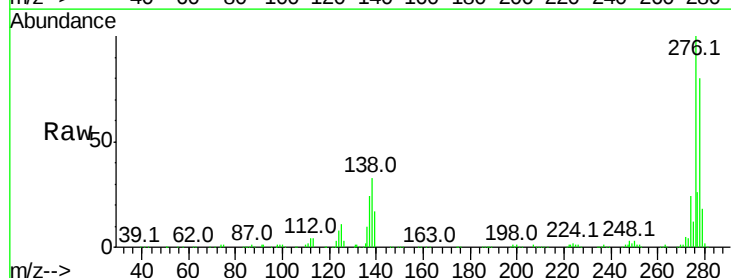
Instrument :
BNA_F
ClientSampleId :

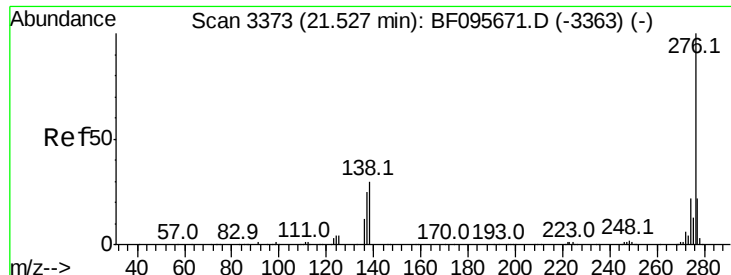
Tot Ion:252 Resp: 330283
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 14.3 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 49.02 ng
RT: 21.10 min Scan# 3335
Delta R.T. -0.02 min
Lab File: BF096012.D
Acq: 19 Jun 2017 18:23

Tgt Ion:278 Resp: 301471
Ion Ratio Lower Upper
278 100
139 21.4 16.6 24.8
279 21.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 48.28 ng

RT: 21.43 min Scan# 3390

Delta R.T. -0.02 min

Lab File: BF096012.D

Acq: 19 Jun 2017 18:23

Instrument :

BNA_F

ClientSampleId :

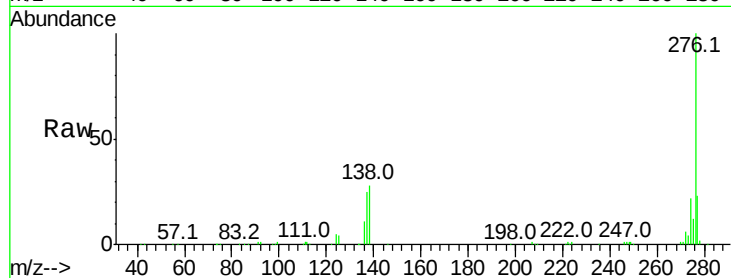
Tot Ion:276 Resp: 302686

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 28.0 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

