

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
 Data File : BF095896.D
 Acq On : 13 Jun 2017 16:22
 Operator : SJ/MA
 Sample : PB99721BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 14 04:09:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:15:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	68178	20.00	ng	-0.05
21) Naphthalene-d8	9.38	136	283425	20.00	ng	-0.05
38) Acenaphthene-d10	12.20	164	132532	20.00	ng	-0.05
63) Phenanthrene-d10	14.60	188	230469	20.00	ng	-0.05
75) Chrysene-d12	18.32	240	152333	20.00	ng	-0.04
86) Perylene-d12	19.99	264	122658	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.26	112	608609	142.24	ng	-0.03
7) Phenol-d6	6.93	99	705519	137.74	ng	-0.03
23) Nitrobenzene-d5	8.27	82	416333	91.23	ng	-0.05
41) 2,4,6-Tribromophenol	13.51	330	153364	130.79	ng	-0.04
44) 2-Fluorobiphenyl	11.16	172	835549	87.73	ng	-0.05
78) Terphenyl-d14	16.97	244	691833	112.71	ng	-0.04

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	1.75	88	72559	35.65	ng	92
3) Pyridine	2.30	79	190833	39.89	ng	95
4) n-Nitrosodimethylamine	2.26	42	79956	43.96	ng	85
6) Aniline	6.86	93	199341	29.75	ng	96
8) 2-Chlorophenol	7.04	128	220799	48.53	ng	93
9) Benzaldehyde	6.67	77	68321	19.77	ng	95
10) Phenol	6.94	94	269110	50.65	ng	92
11) bis(2-Chloroethyl)ether	7.00	93	195208	46.38	ng	98
12) 1,3-Dichlorobenzene	7.25	146	228133	44.30	ng	99
13) 1,4-Dichlorobenzene	7.37	146	230226	44.09	ng	98
14) 1,2-Dichlorobenzene	7.61	146	222403	46.20	ng	96
15) Benzyl Alcohol	7.66	79	172622	49.10	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.85	45	273515	46.25	ng	96
17) 2-Methylphenol	7.89	107	183882	48.16	ng	94
18) Hexachloroethane	8.13	117	79555	46.13	ng	# 86
19) n-Nitroso-di-n-propylamine	8.09	70	152242	46.90	ng	97
20) 3+4-Methylphenols	8.16	107	236600	48.82	ng	# 60
22) Acetophenone	8.05	105	303040	45.68	ng	# 83
24) Nitrobenzene	8.30	77	212600	43.61	ng	95
25) Isophorone	8.70	82	389538	45.71	ng	96
26) 2-Nitrophenol	8.81	139	123107	48.23	ng	97
27) 2,4-Dimethylphenol	8.96	122	197032	49.73	ng	98
28) bis(2-Chloroethoxy)methane	9.08	93	256179	45.61	ng	97
29) 2,4-Dichlorophenol	9.25	162	188986	49.53	ng	99
30) 1,2,4-Trichlorobenzene	9.32	180	179572	45.23	ng	98
31) Naphthalene	9.42	128	623708	43.85	ng	99
32) Benzoic acid	9.33	122	88115	36.91	ng	91
33) 4-Chloroaniline	9.58	127	111413	20.04	ng	# 93
34) Hexachlorobutadiene	9.63	225	90780	44.25	ng	98
35) Caprolactam	10.22	113	32262	28.42	ng	95
36) 4-Chloro-3-methylphenol	10.45	107	195230	48.88	ng	88
37) 2-Methylnaphthalene	10.55	142	437760	45.55	ng	97
39) 1,2,4,5-Tetrachlorobenzene	10.82	216	172657	43.53	ng	99
40) Hexachlorocyclopentadiene	10.79	237	104450	83.45	ng	99

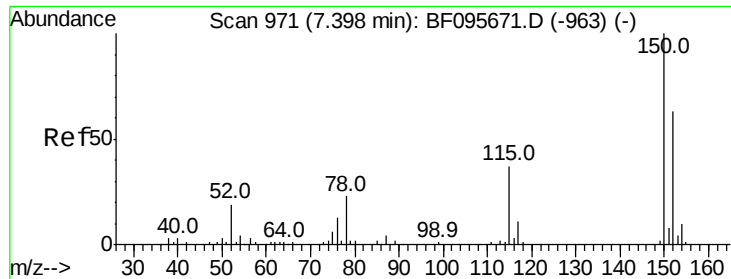
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061317\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.06	196	116920	45.85	nq	99
43) 2,4,5-Trichlorophenol	11.15	196	113877	41.98	nq	96
45) 1,1'-Biphenyl	11.31	154	487400	44.62	nq	98
46) 2-Chloronaphthalene	11.33	162	375868	44.04	nq	97
47) 2-Nitroaniline	11.55	65	110527	44.25	nq	# 81
48) Acenaphthylene	11.97	152	591403	40.52	nq	99
49) Dimethylphthalate	11.87	163	456115	45.33	nq	99
50) 2,6-Dinitrotoluene	11.97	165	96943	44.17	nq	# 79
51) Acenaphthene	12.26	154	356119	42.25	nq	98
52) 3-Nitroaniline	12.23	138	69025	26.99	nq	90
53) 2,4-Dinitrophenol	12.46	184	67312	56.25	nq	# 66
54) Dibenzofuran	12.54	168	546716	46.09	nq	97
55) 4-Nitrophenol	12.65	139	111820	75.19	nq	# 78
56) 2,4-Dinitrotoluene	12.64	165	136155	45.93	nq	# 89
57) Fluorene	13.10	166	440565	42.68	nq	99
58) 2,3,4,6-Tetrachlorophenol	12.80	232	88292	47.57	nq	# 93
59) Diethylphthalate	13.02	149	448975	46.36	nq	99
60) 4-Chlorophenyl-phenylether	13.13	204	198306	44.17	nq	92
61) 4-Nitroaniline	13.24	138	101675	42.58	nq	97
62) Azobenzene	13.39	77	410386	46.76	nq	94
64) 4,6-Dinitro-2-methylphenol	13.31	198	55360	36.54	nq	# 76
65) n-Nitrosodiphenylamine	13.34	169	374766	45.25	nq	98
66) 4-Bromophenyl-phenylether	13.91	248	112365	46.91	nq	98
67) Hexachlorobenzene	13.99	284	113452	48.07	nq	# 91
68) Atrazine	14.27	200	114511	49.68	nq	97
69) Pentachlorophenol	14.36	266	63433	71.63	nq	97
70) Phenanthrene	14.64	178	619051	46.55	nq	98
71) Anthracene	14.73	178	635508	45.78	nq	98
72) Carbazole	15.02	167	579571	42.84	nq	98
73) Di-n-butylphthalate	15.62	149	718065	49.89	nq	98
74) Fluoranthene	16.42	202	605507	46.01	nq	98
76) Benzidine	16.65	184	171280	29.28	nq	# 93
77) Pyrene	16.72	202	608654	53.55	nq	99
79) Butylbenzylphthalate	17.64	149	274514	55.30	nq	91
80) Benzo(a)anthracene	18.31	228	421481	47.59	nq	97
81) 3,3'-Dichlorobenzidine	18.30	252	87560	27.81	nq	# 96
82) Chrysene	18.35	228	406983	45.98	nq	99
83) Bis(2-ethylhexyl)phthalate	18.39	149	380113	54.28	nq	99
84) Di-n-octyl phthalate	19.16	149	542991	47.06	nq	95
85) Indeno(1,2,3-cd)pyrene	21.16	276	369655	48.81	nq	100
87) Benzo(b)fluoranthene	19.58	252	315398	41.07	nq	98
88) Benzo(k)fluoranthene	19.58	252	315398	42.96	nq	97
89) Benzo(a)pyrene	19.93	252	323161	45.78	nq	99
90) Dibenzo(a,h)anthracene	21.16	278	313312	52.32	nq	97
91) Benzo(g,h,i)perylene	21.48	276	325177	53.27	nq	97

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

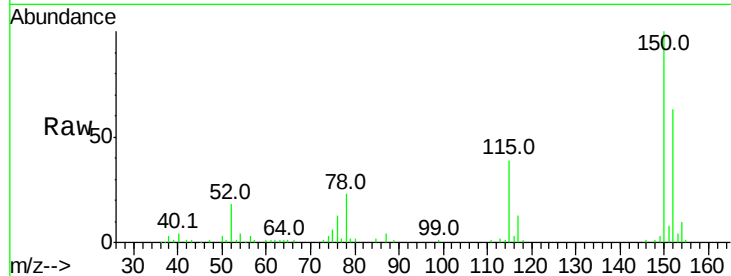


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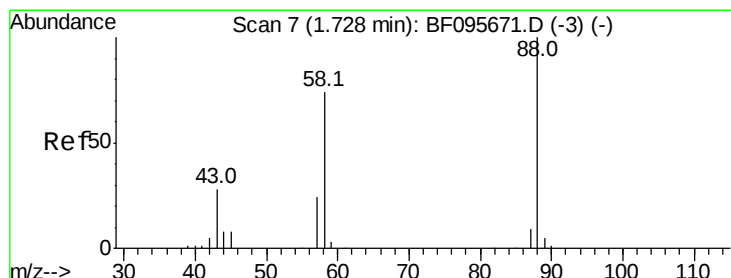
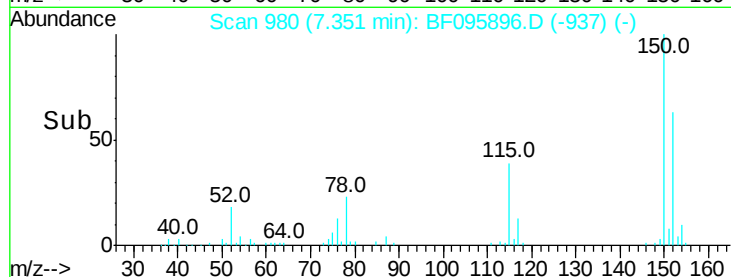
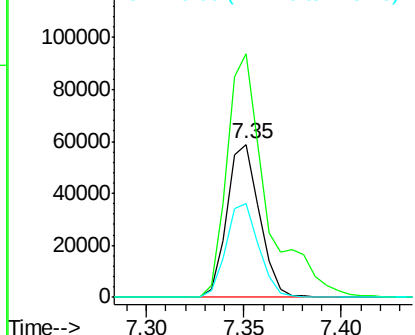
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 980
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 68178
Ion Ratio Lower Upper
152 100
150 158.7 126.2 189.2
115 61.2 52.2 78.2



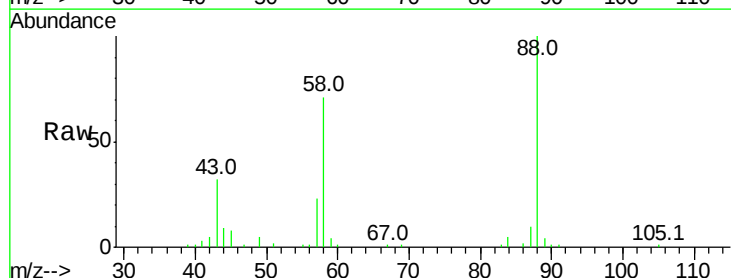
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



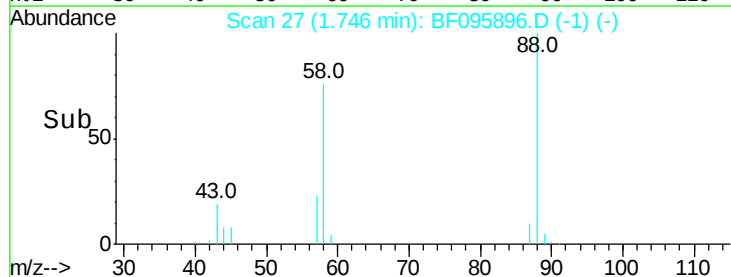
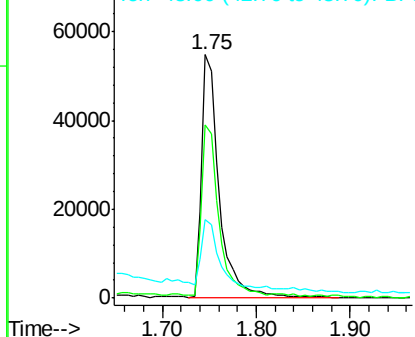
#2

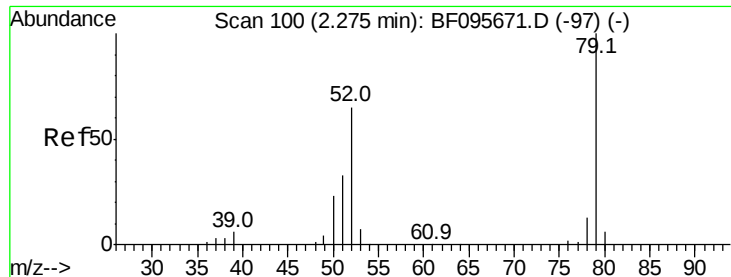
1,4-Dioxane
Concen: 35.65 ng
RT: 1.75 min Scan# 27
Delta R.T. 0.02 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion: 88 Resp: 72559
Ion Ratio Lower Upper
88 100
58 66.6 61.4 92.0
43 29.1 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

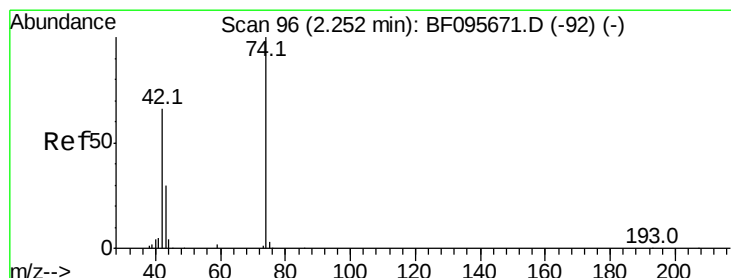
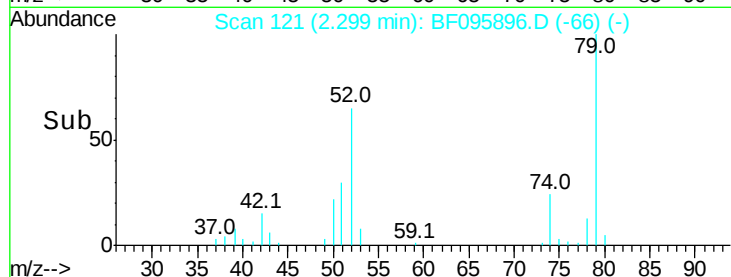
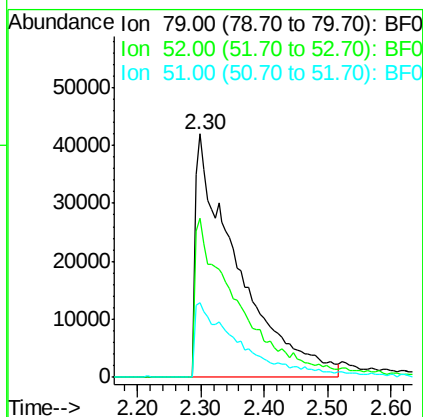
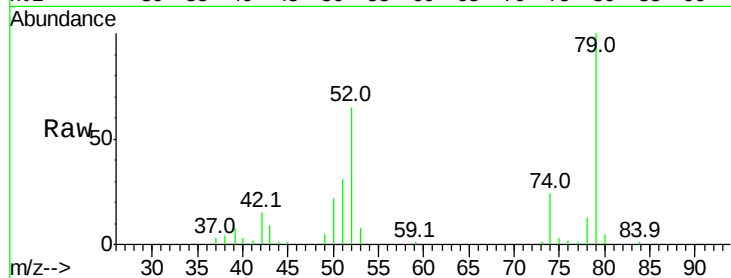




#3
 Pvridine
 Concen: 39.89 ng
 RT: 2.30 min Scan# 121
 Delta R.T. 0.02 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

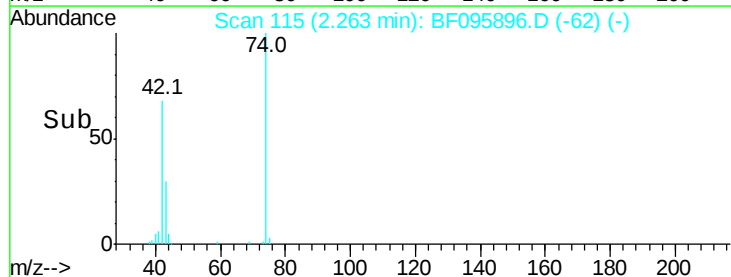
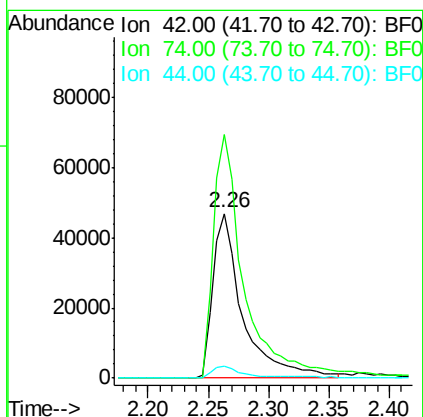
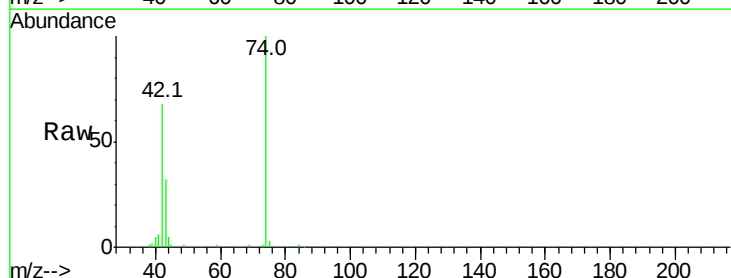
Instrument :
 BNA_F
 ClientSampled :

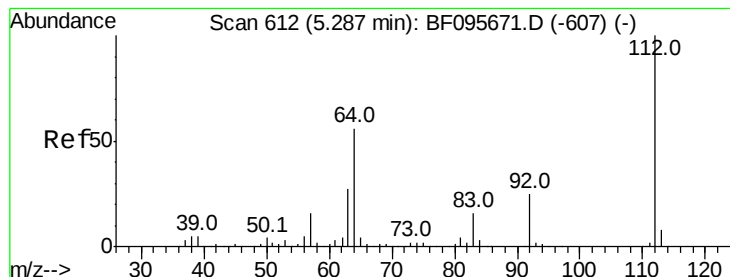
Tot Ion: 79 Resp: 190833
 Ion Ratio Lower Upper
 79 100
 52 65.2 54.8 82.2
 51 30.5 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 43.96 ng
 RT: 2.26 min Scan# 115
 Delta R.T. 0.01 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Tgt Ion: 42 Resp: 79956
 Ion Ratio Lower Upper
 42 100
 74 147.8 103.9 155.9
 44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 142.24 ng

RT: 5.26 min Scan# 624

Delta R.T. -0.03 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :

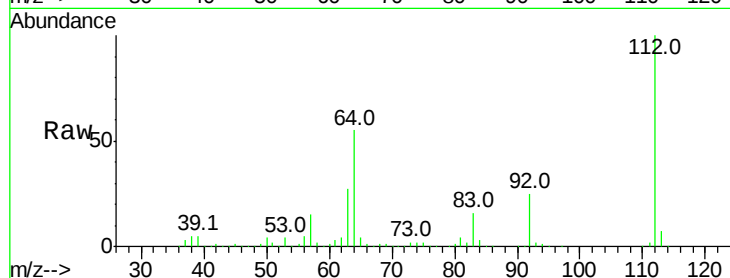
Tot Ion:112 Resp: 608609

Ion Ratio Lower Upper

112 100

64 54.7 46.0 69.0

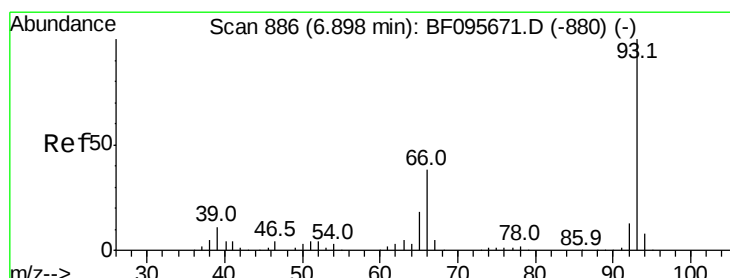
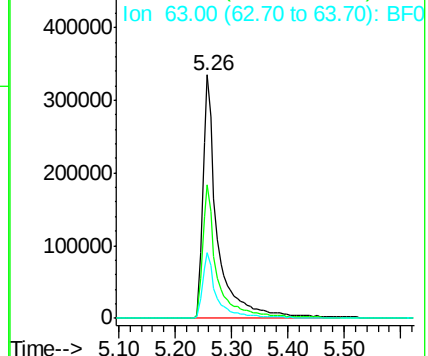
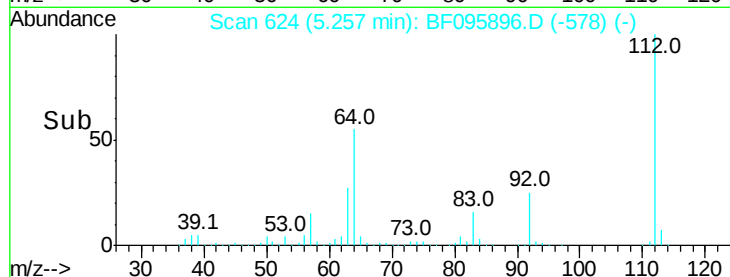
63 26.7 23.4 35.0



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: 29.75 ng

RT: 6.86 min Scan# 896

Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

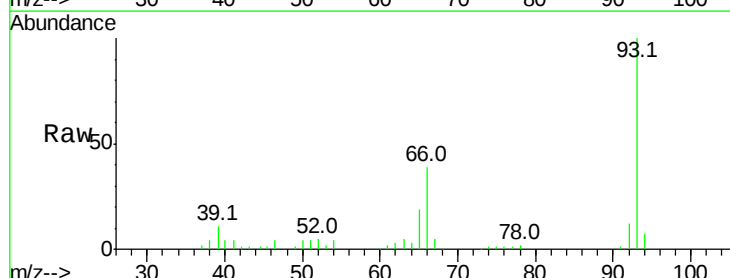
Tgt Ion: 93 Resp: 199341

Ion Ratio Lower Upper

93 100

66 38.6 32.9 49.3

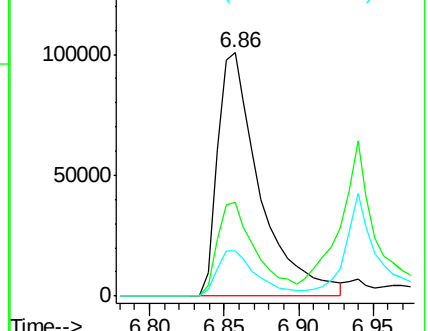
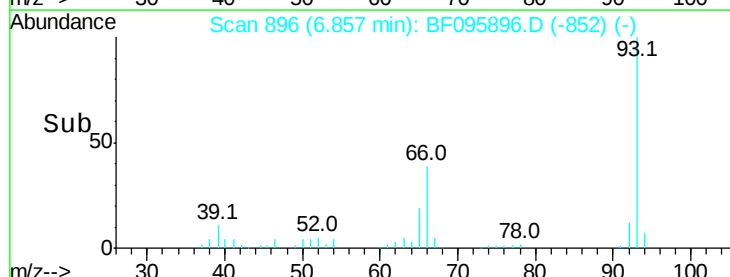
65 18.8 16.0 24.0

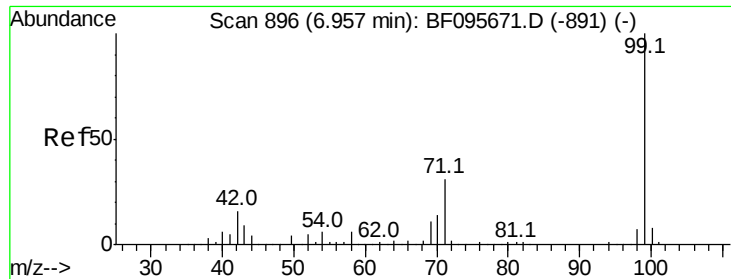


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 137.74 ng

RT: 6.93 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

ClientSampled :

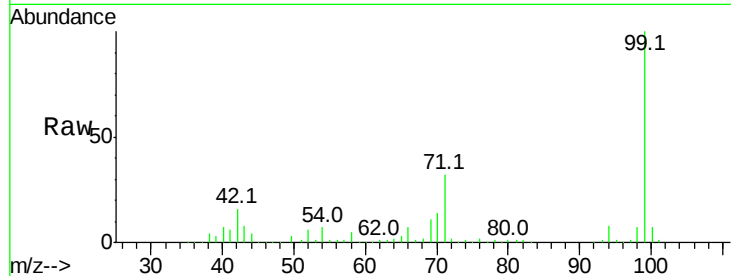
Tot Ion: 99 Resp: 705519

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

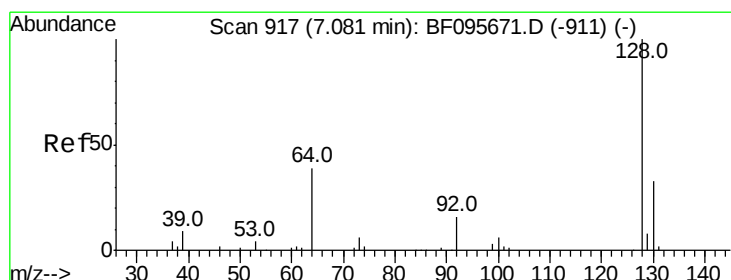
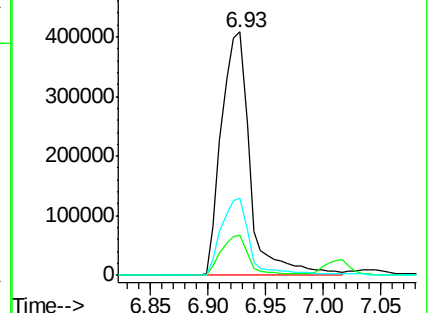
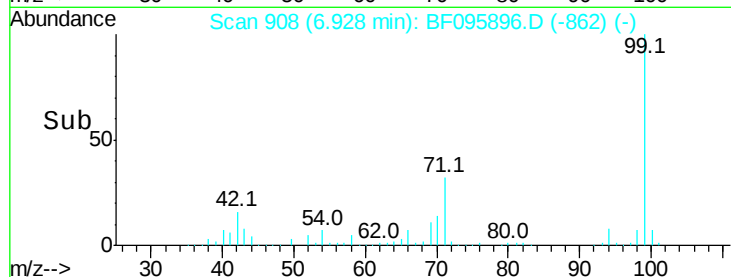
71 31.9 24.5 36.7



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: 48.53 ng

RT: 7.04 min Scan# 927

Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

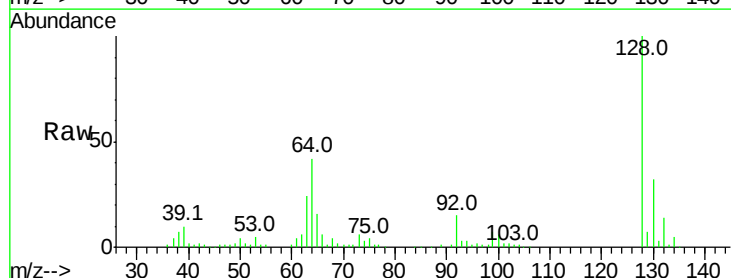
Tgt Ion:128 Resp: 220799

Ion Ratio Lower Upper

128 100

130 32.1 12.9 52.9

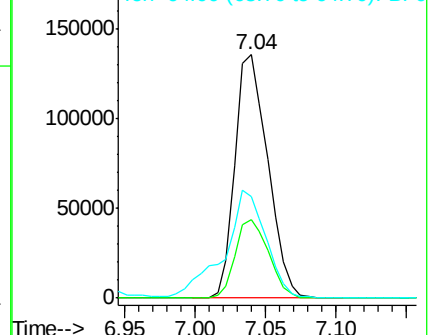
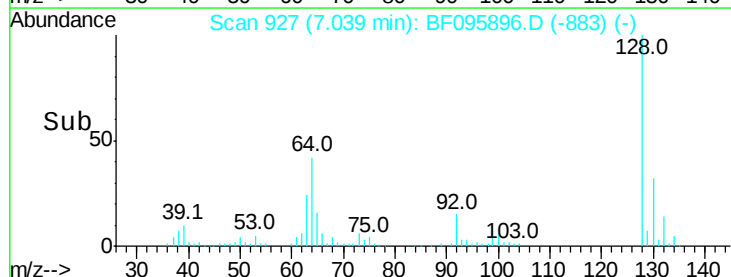
64 41.5 28.4 68.4

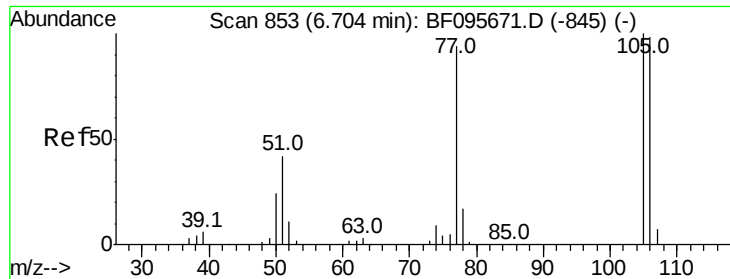


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

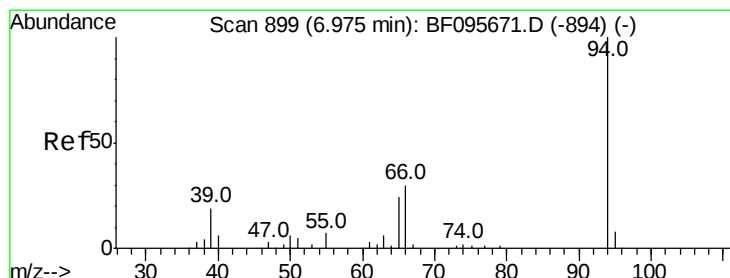
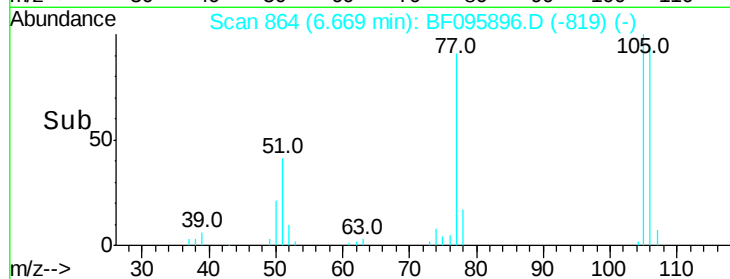
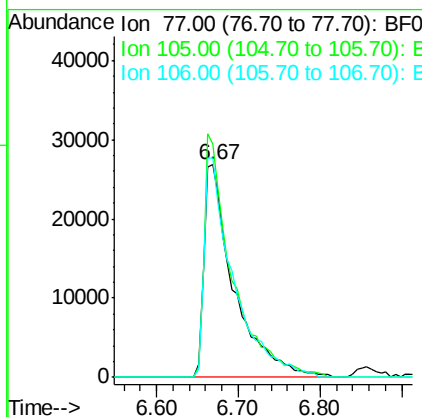
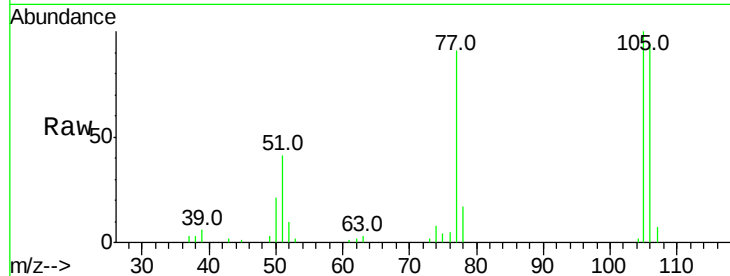




#9
Benzaldehyde
Concen: 19.77 ng
RT: 6.67 min Scan# 864
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

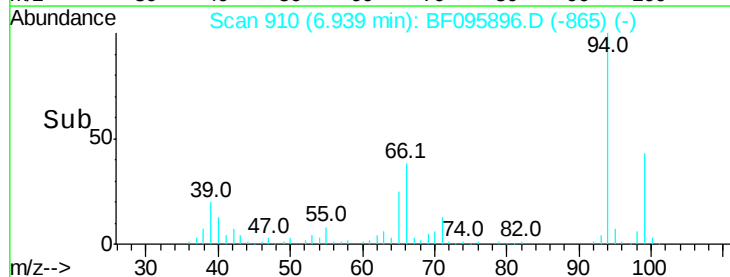
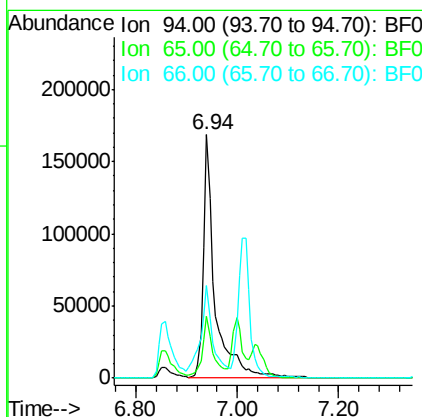
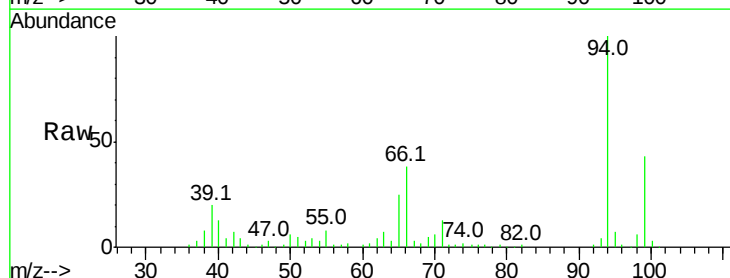
Instrument :
BNA_F
ClientSampleId :

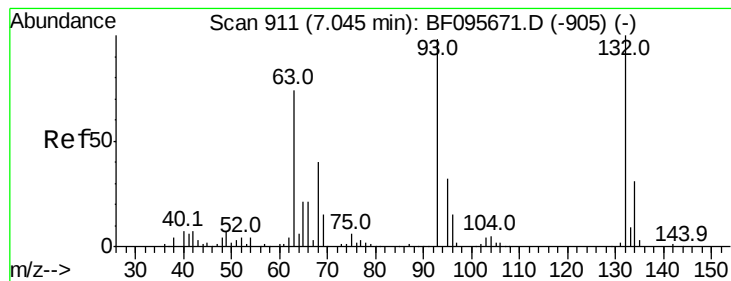
Tot Ion: 77 Resp: 68321
Ion Ratio Lower Upper
77 100
105 109.5 83.8 123.8
106 103.3 79.1 119.1



#10
Phenol
Concen: 50.65 ng
RT: 6.94 min Scan# 910
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion: 94 Resp: 269110
Ion Ratio Lower Upper
94 100
65 25.3 9.9 49.9
66 38.0 23.1 63.1

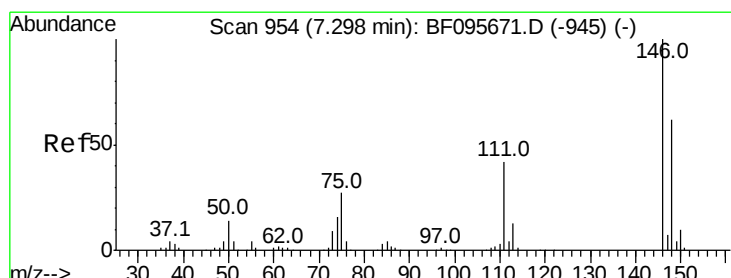
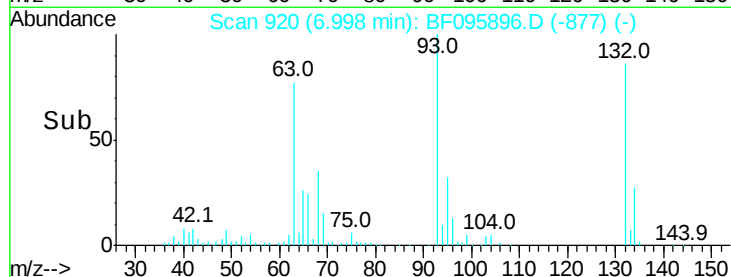
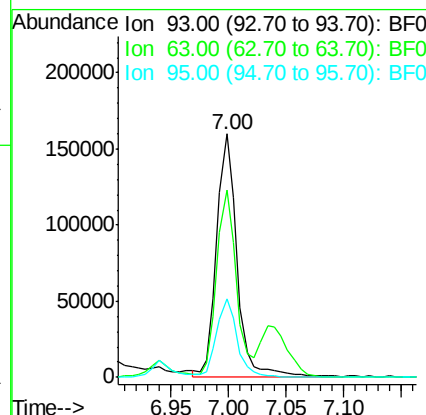
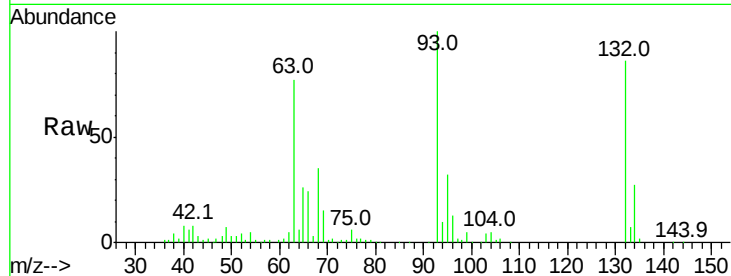




#11
bis(2-Chloroethyl)ether
Concen: 46.38 ng
RT: 7.00 min Scan# 920
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

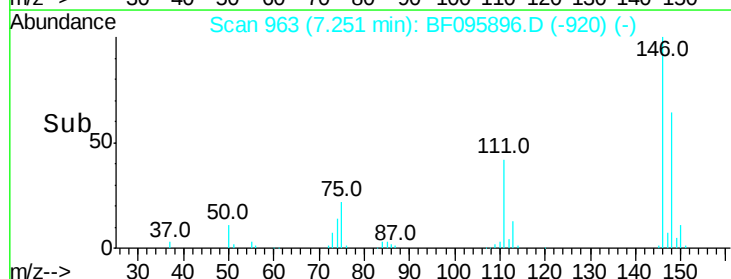
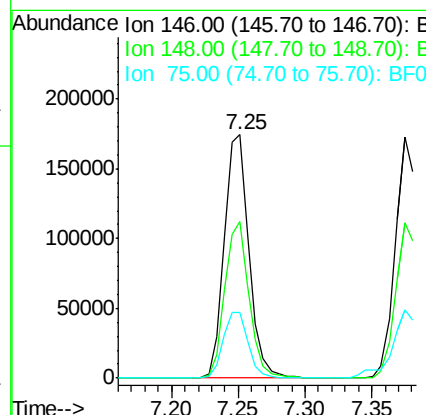
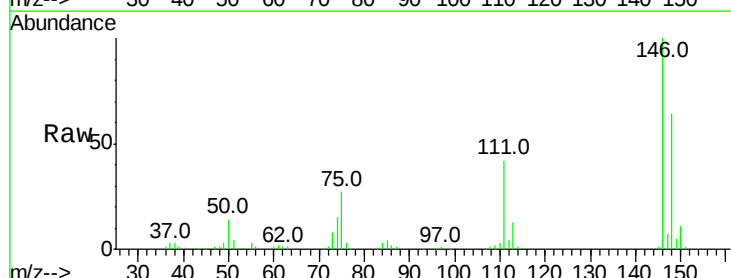
Instrument :
BNA_F
ClientSampleId :

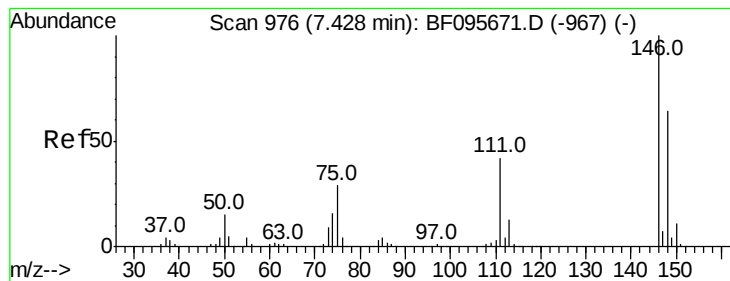
Tot Ion: 93 Resp: 195208
Ion Ratio Lower Upper
93 100
63 77.1 59.2 99.2
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 44.30 ng
RT: 7.25 min Scan# 963
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion: 146 Resp: 228133
Ion Ratio Lower Upper
146 100
148 64.3 51.8 77.6
75 26.9 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 44.09 ng

RT: 7.37 min Scan# 984

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :

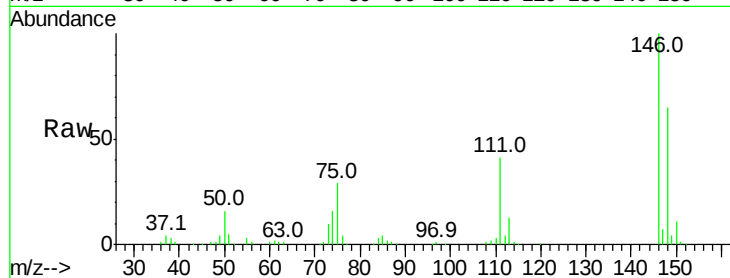
Tot Ion:146 Resp: 230226

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.2

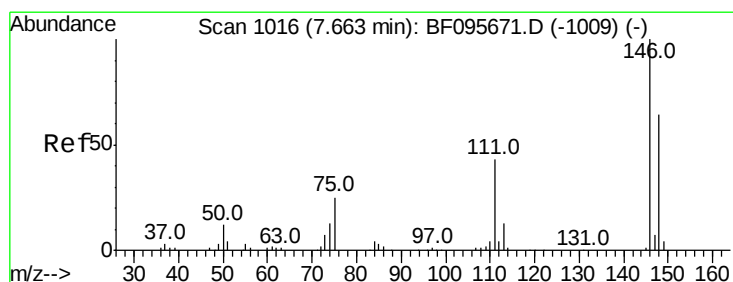
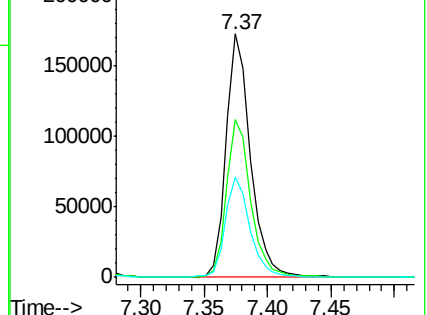
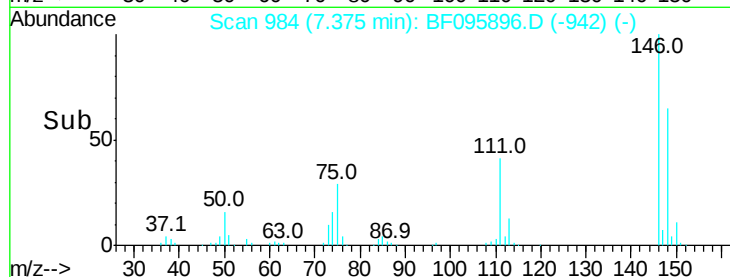
111 40.9 30.3 45.5



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: 46.20 ng

RT: 7.61 min Scan# 1024

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

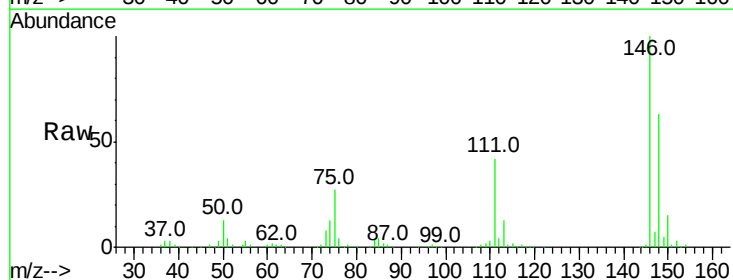
Tgt Ion:146 Resp: 222403

Ion Ratio Lower Upper

146 100

148 63.0 50.4 75.6

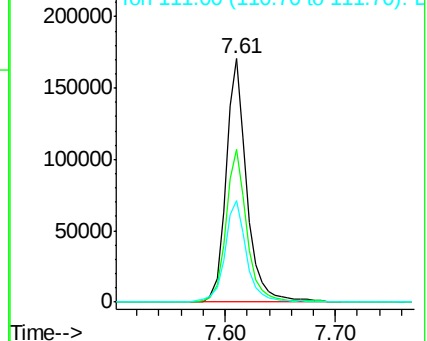
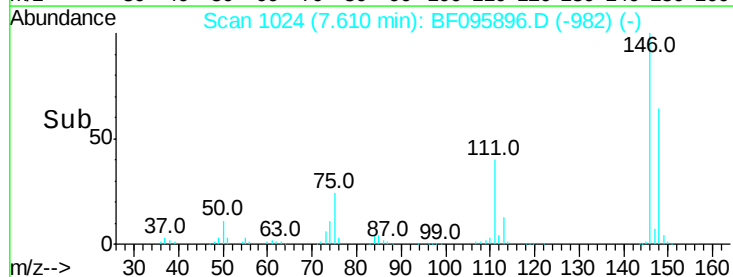
111 41.7 38.2 57.4

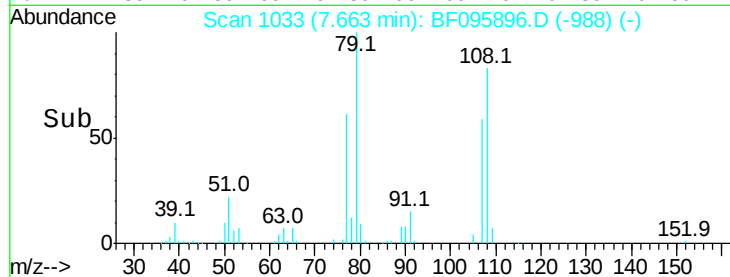
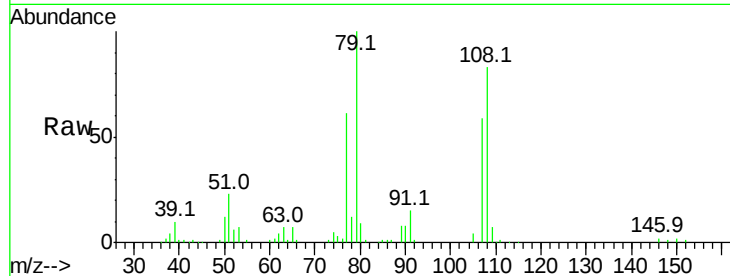
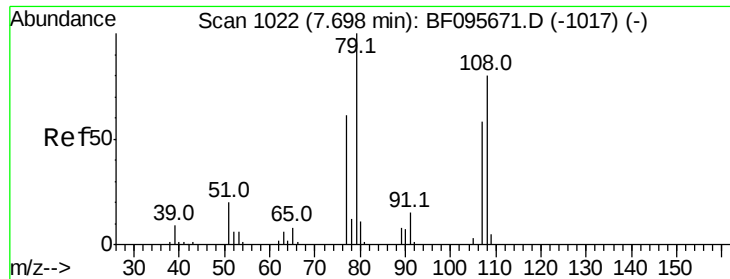


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

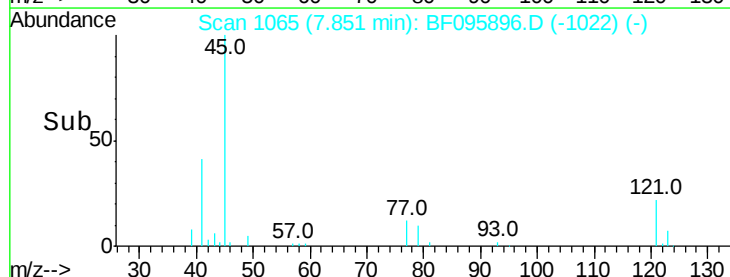
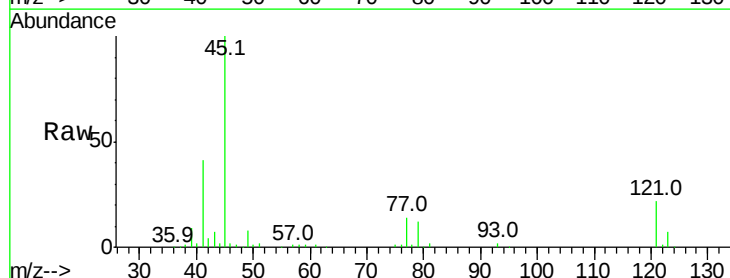
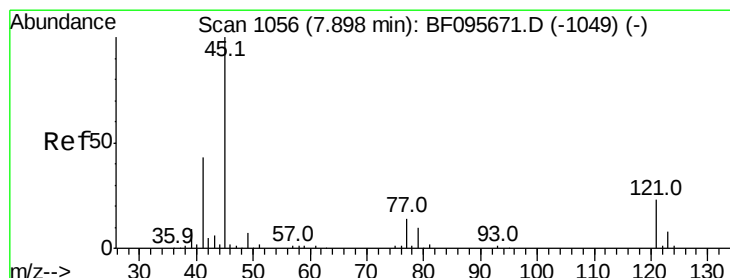
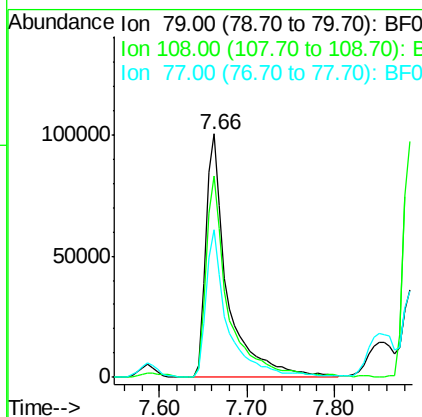




#15
Benzyl Alcohol
Concen: 49.10 ng
RT: 7.66 min Scan# 1033
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

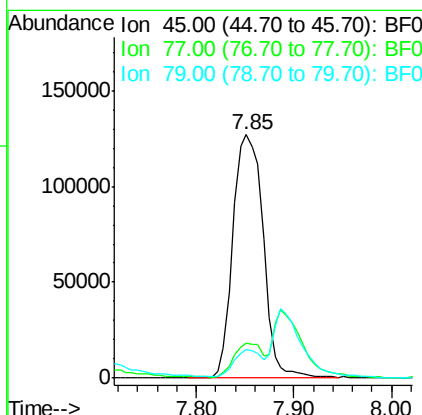
Instrument :
BNA_F
ClientSampleId :

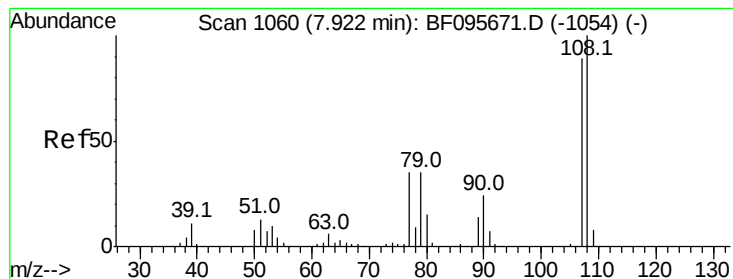
Tot Ion: 79 Resp: 172622
Ion Ratio Lower Upper
79 100
108 82.8 63.4 95.0
77 60.5 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.25 ng
RT: 7.85 min Scan# 1065
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion: 45 Resp: 273515
Ion Ratio Lower Upper
45 100
77 14.5 0.0 33.2
79 11.5 0.0 30.0

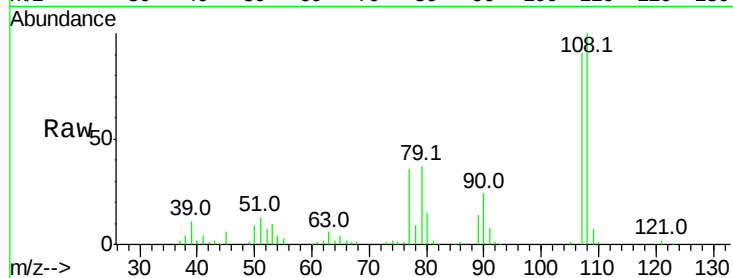




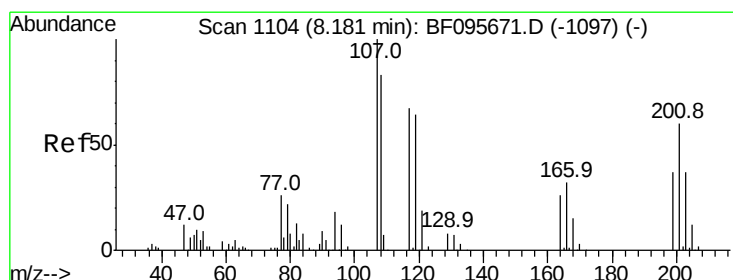
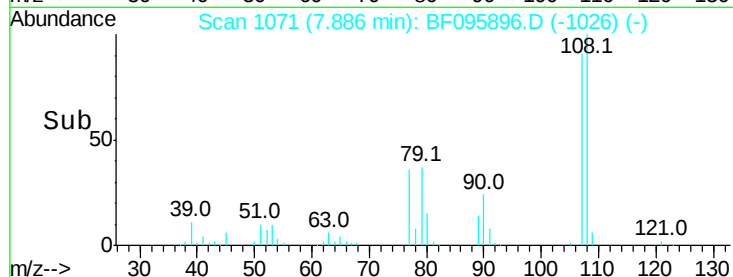
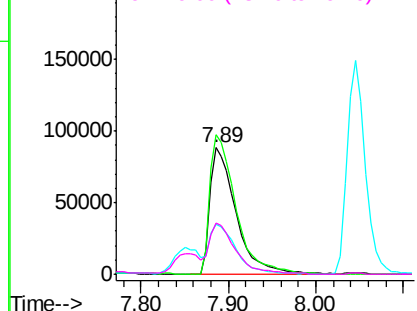
#17
2-Methylphenol
Concen: 48.16 ng
RT: 7.89 min Scan# 1071
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 183882
Ion Ratio Lower Upper
107 100
108 110.2 93.4 140.0
77 40.0 35.8 53.6
79 41.0 34.8 52.2

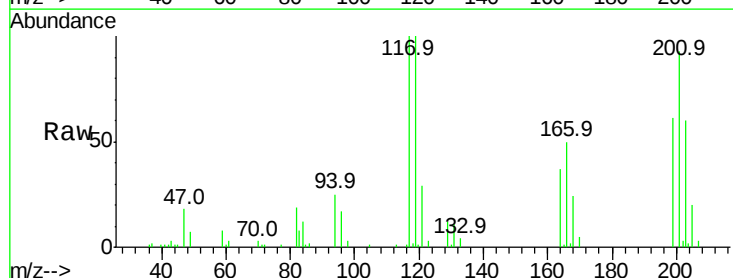


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

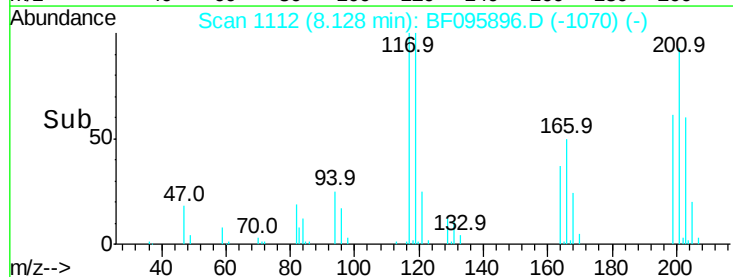
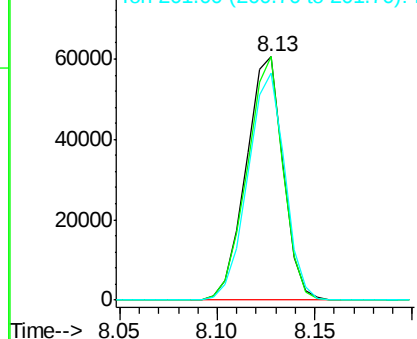


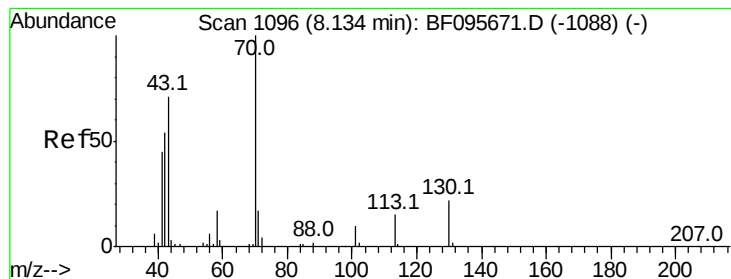
#18
Hexachloroethane
Concen: 46.13 ng
RT: 8.13 min Scan# 1112
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion:117 Resp: 79555
Ion Ratio Lower Upper
117 100
119 99.9 77.4 116.0
201 93.3 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 46.90 ng

RT: 8.09 min Scan# 1105

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 152242

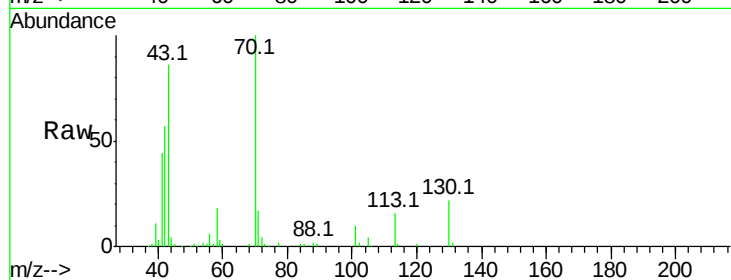
Ion Ratio Lower Upper

70 100

42 56.8 47.2 70.8

101 9.6 7.2 10.8

130 21.9 15.9 23.9



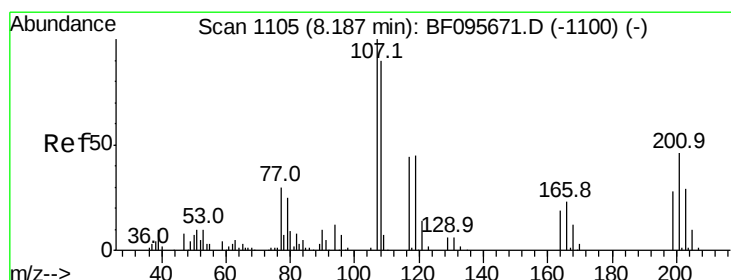
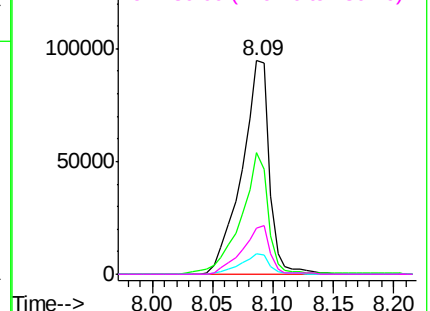
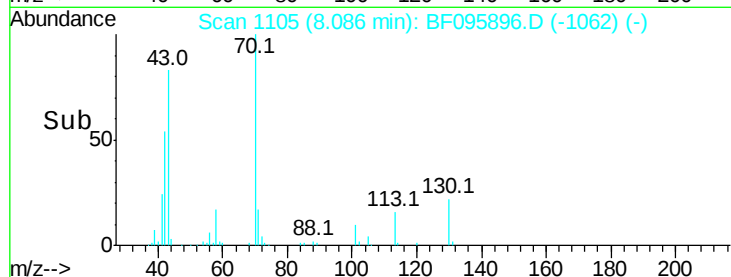
Abundance

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): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 48.82 ng

RT: 8.16 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Tgt Ion: 107 Resp: 236600

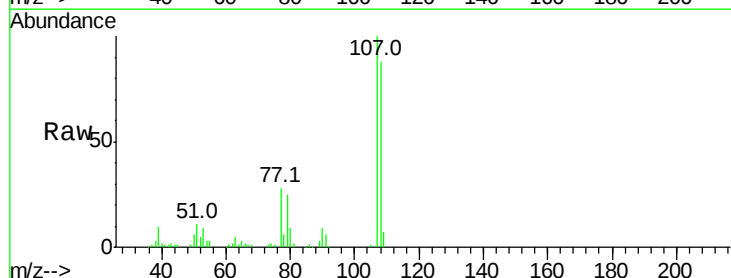
Ion Ratio Lower Upper

107 100

108 87.8 71.0 111.0

77 28.1 90.5 130.5#

79 24.9 8.4 48.4



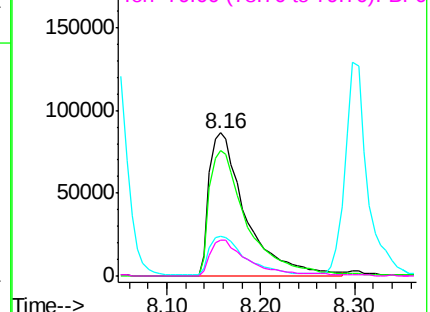
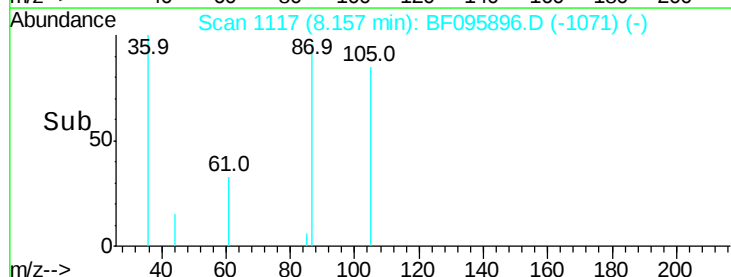
Abundance

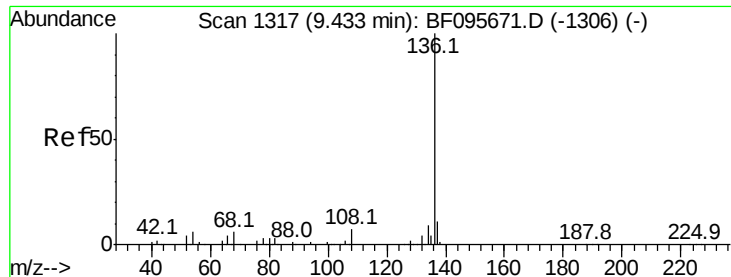
Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

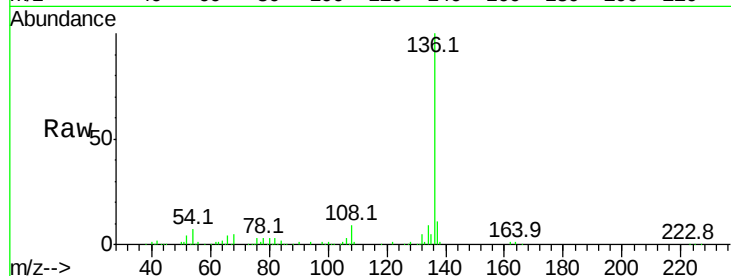




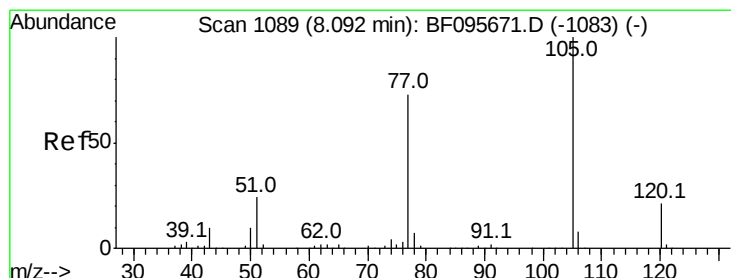
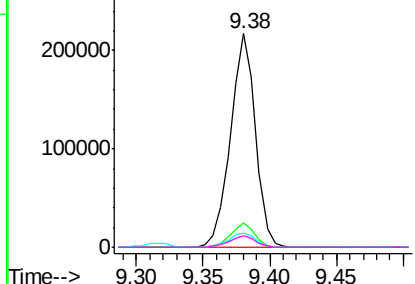
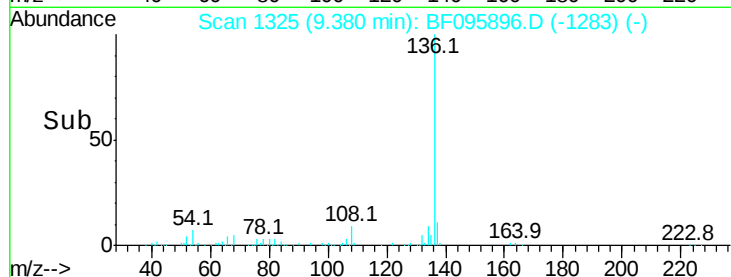
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.38 min Scan# 1325
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	283425
Ion Ratio	Lower	Upper
136	100	
137	11.2	8.5 12.7
54	6.9	4.9 7.3
68	5.1	4.1 6.1

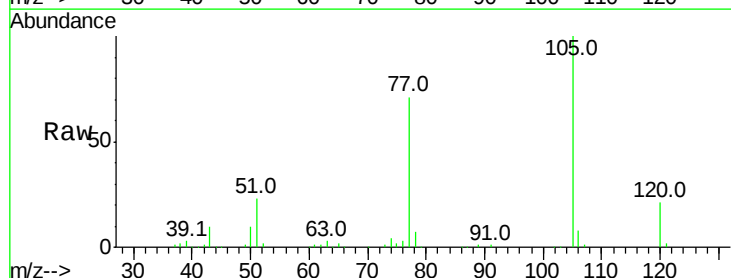


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

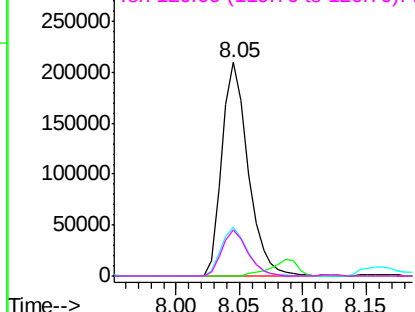
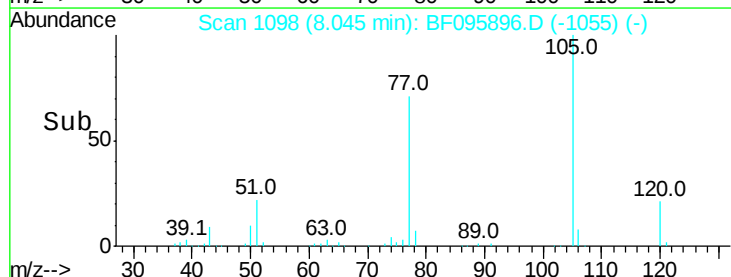


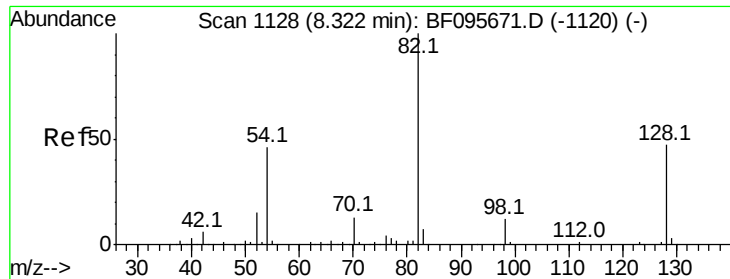
#22
Acetophenone
Concen: 45.68 ng
RT: 8.05 min Scan# 1098
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion:105	Resp:	303040
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	22.5	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

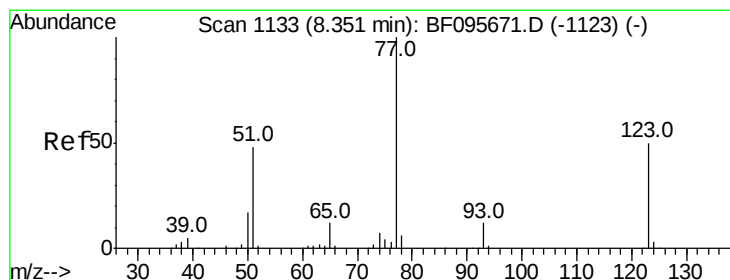
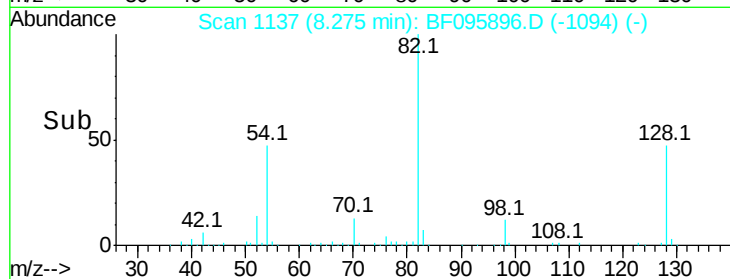
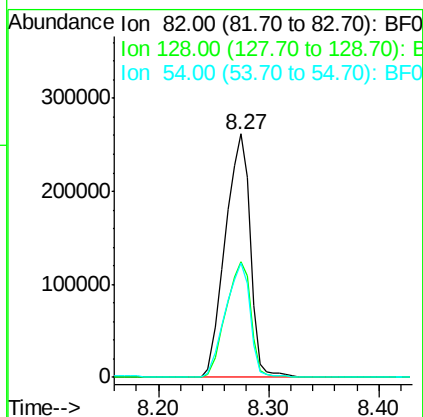
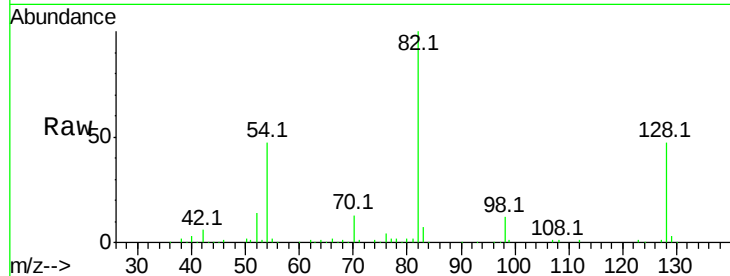




#23
 Nitrobenzene-d5
 Concen: 91.23 ng
 RT: 8.27 min Scan# 1137
 Delta R.T. -0.05 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

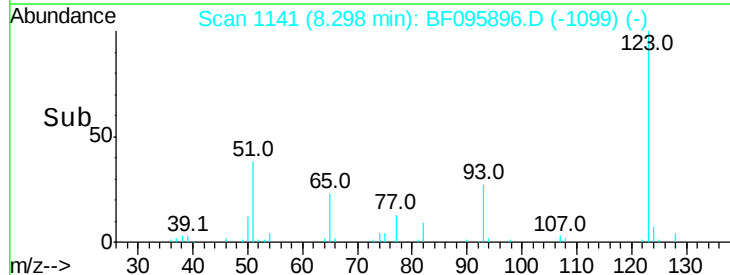
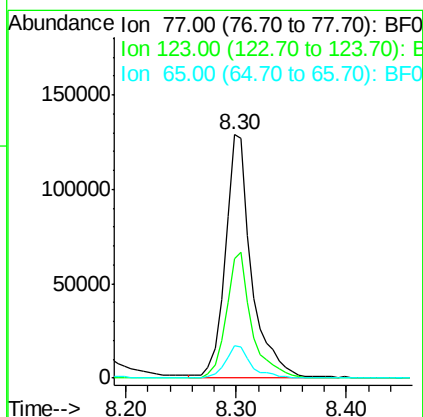
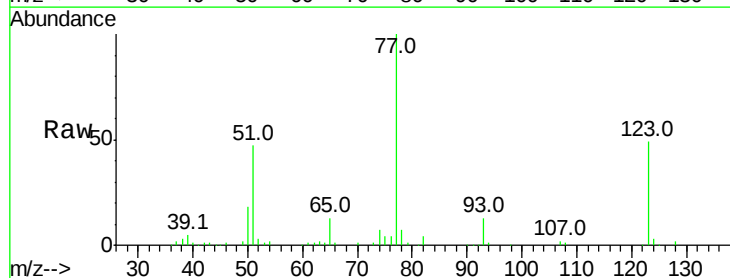
Instrument :
 BNA_F
 ClientSampleId :

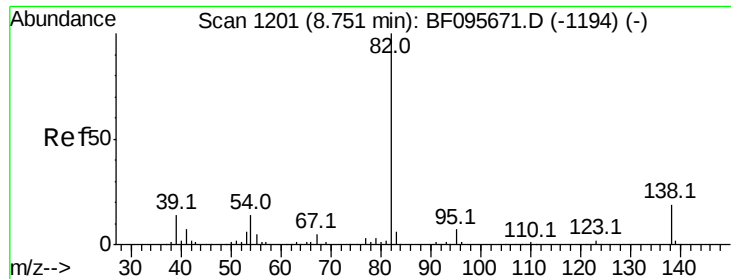
Tot Ion: 82 Resp: 416333
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 47.2 42.2 63.2



#24
 Nitrobenzene
 Concen: 43.61 ng
 RT: 8.30 min Scan# 1141
 Delta R.T. -0.05 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Tgt Ion: 77 Resp: 212600
 Ion Ratio Lower Upper
 77 100
 123 48.8 35.8 53.8
 65 13.3 10.6 15.8





#25

Isophorone

Concen: 45.71 ng

RT: 8.70 min Scan# 1210

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

ClientSampled :

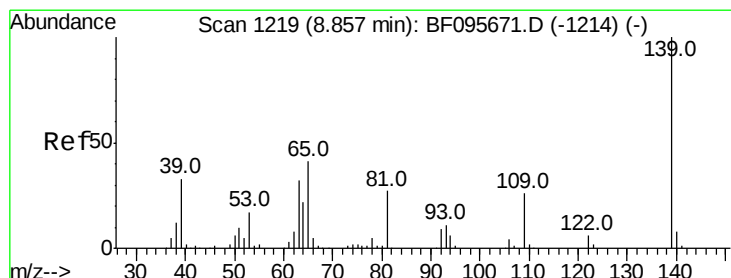
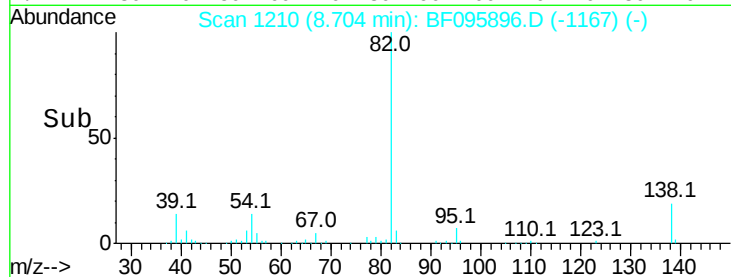
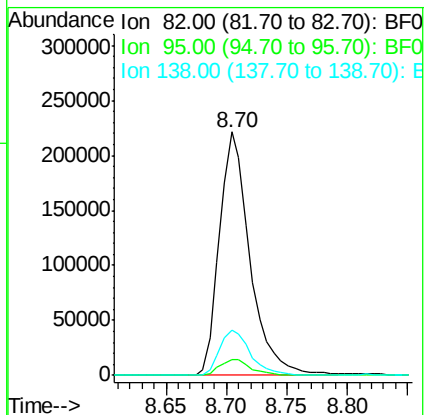
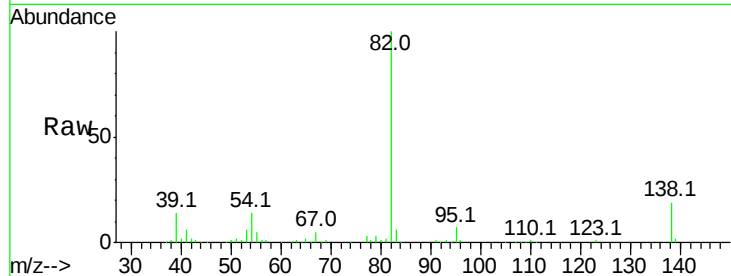
Tot Ion: 82 Resp: 389538

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 18.6 13.1 19.7



#26

2-Nitrophenol

Concen: 48.23 ng

RT: 8.81 min Scan# 1228

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

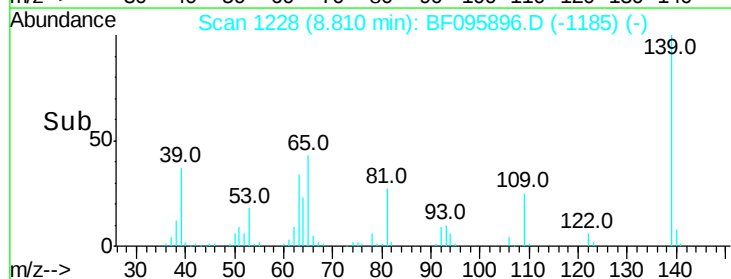
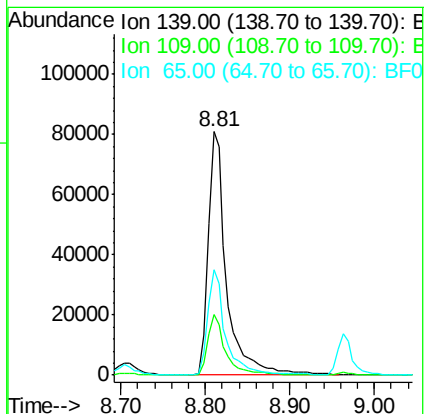
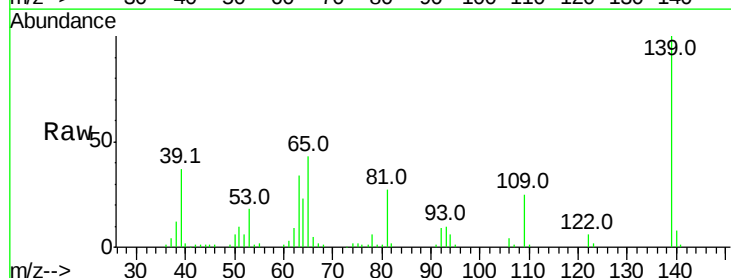
Tgt Ion: 139 Resp: 123107

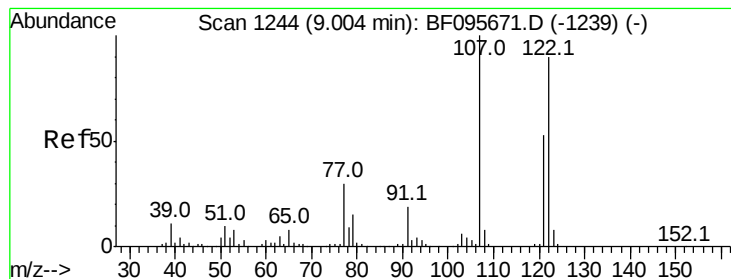
Ion Ratio Lower Upper

139 100

109 25.0 21.0 31.6

65 43.5 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 49.73 ng

RT: 8.96 min Scan# 1254

Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampled :

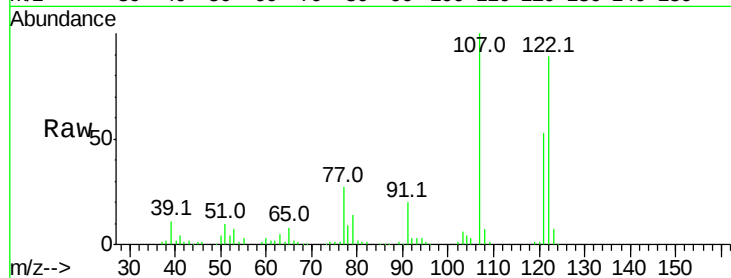
Tot Ion:122 Resp: 197032

Ion Ratio Lower Upper

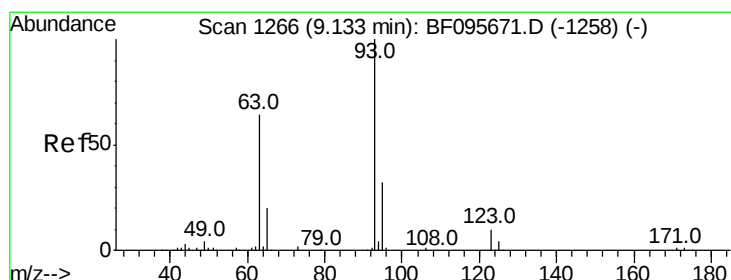
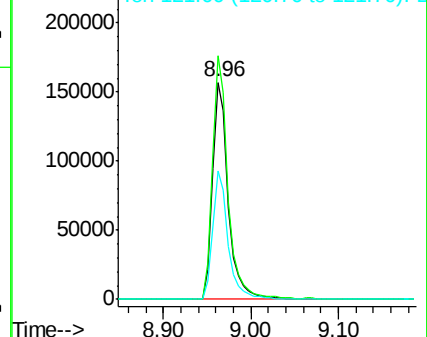
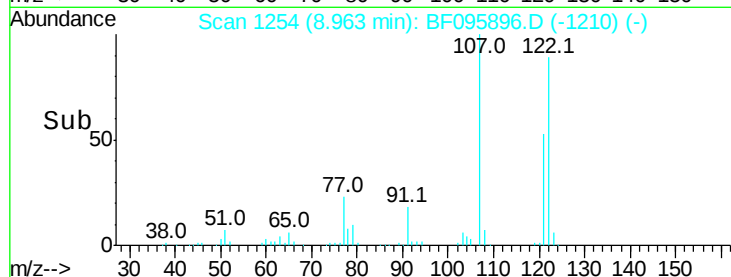
122 100

107 112.3 89.2 133.8

121 59.2 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: 45.61 ng

RT: 9.08 min Scan# 1274

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

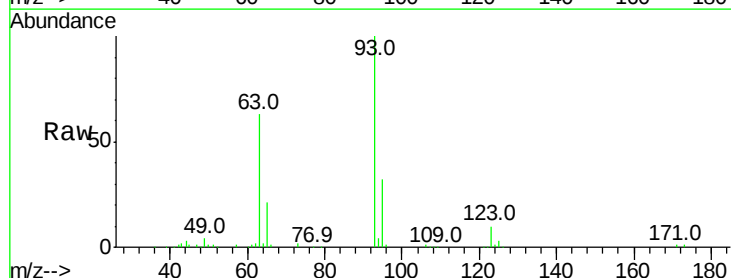
Tgt Ion: 93 Resp: 256179

Ion Ratio Lower Upper

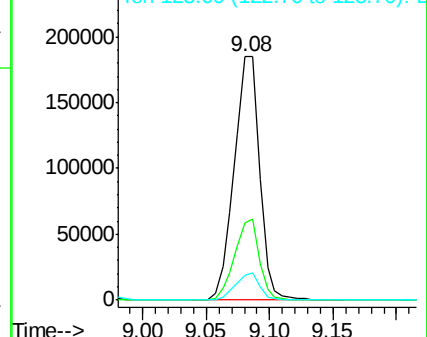
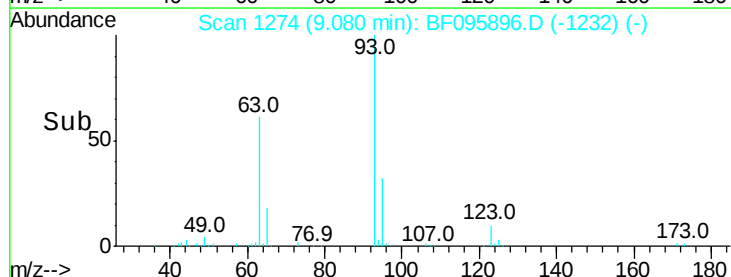
93 100

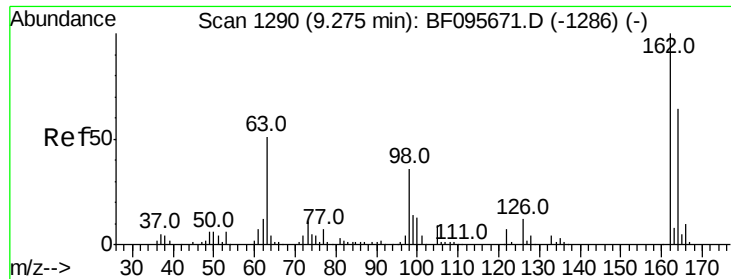
95 31.6 26.5 39.7

123 10.4 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

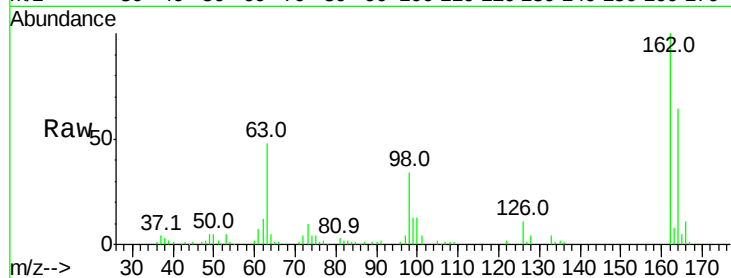




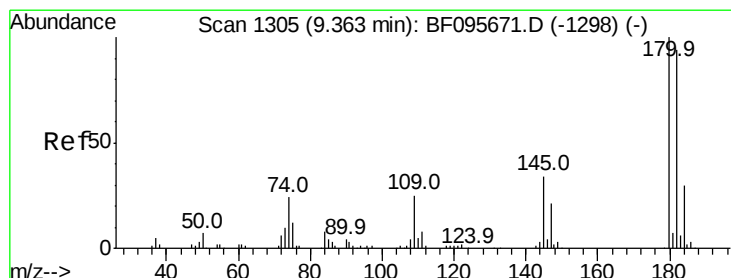
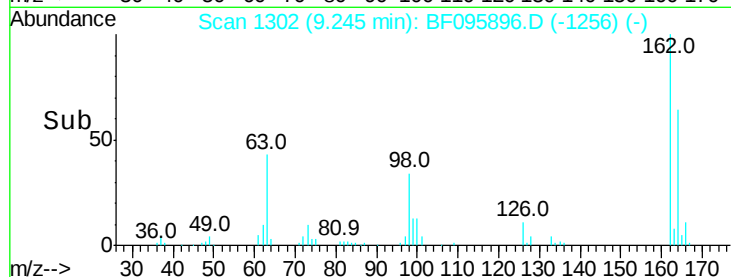
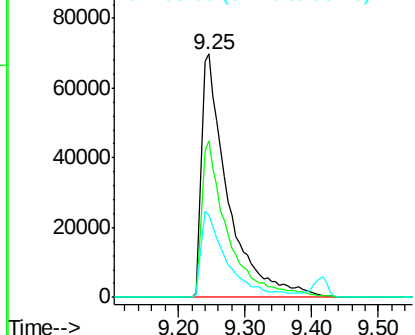
#29
 2,4-Dichlorophenol
 Concen: 49.53 ng
 RT: 9.25 min Scan# 1302
 Delta R.T. -0.03 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	44.6	84.6
98	33.7	14.8	54.8

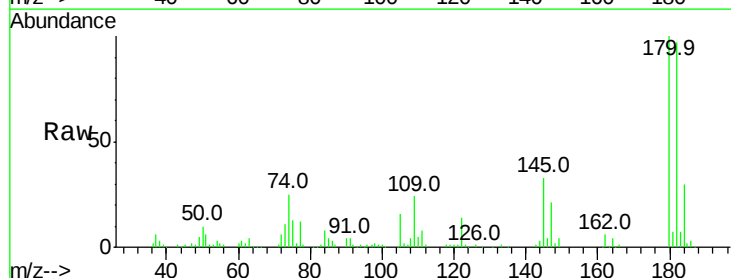


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

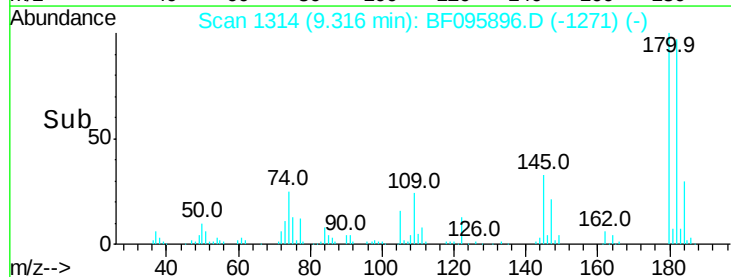
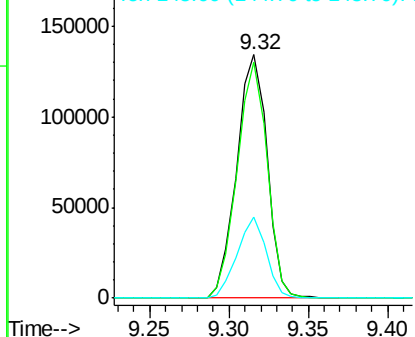


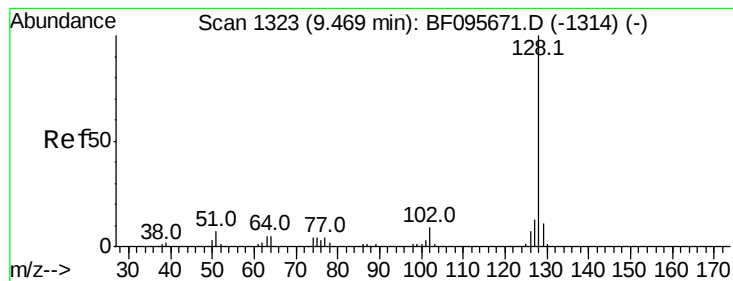
#30
 1,2,4-Trichlorobenzene
 Concen: 45.23 ng
 RT: 9.32 min Scan# 1314
 Delta R.T. -0.05 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.8	75.8	113.6
145	33.1	25.3	37.9



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





#31

Naphthalene

Concen: 43.85 ng

RT: 9.42 min Scan# 1331

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :

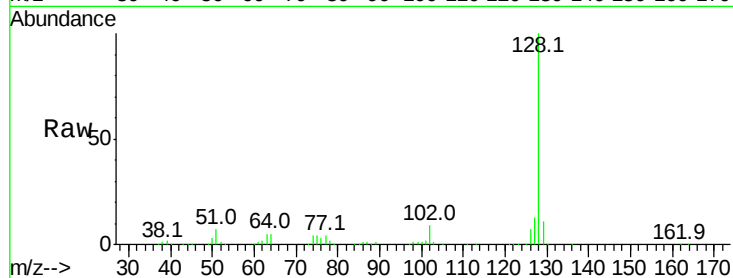
Tot Ion:128 Resp: 623708

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

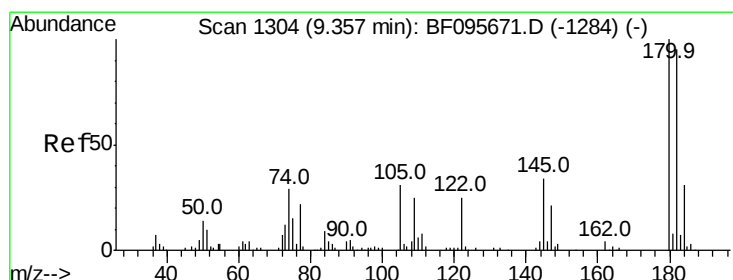
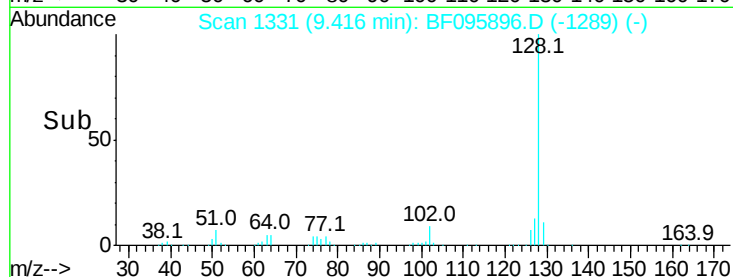
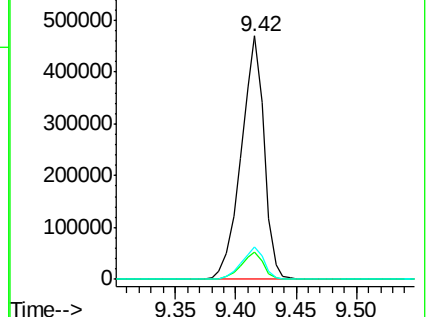
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 36.91 ng

RT: 9.33 min Scan# 1316

Delta R.T. -0.03 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

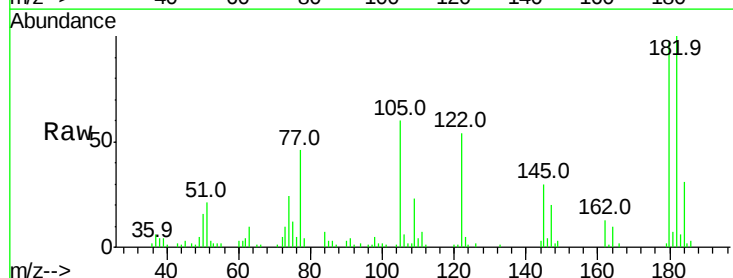
Tgt Ion:122 Resp: 88115

Ion Ratio Lower Upper

122 100

105 112.2 103.3 143.3

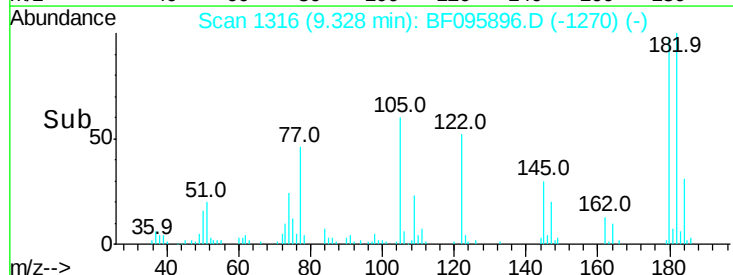
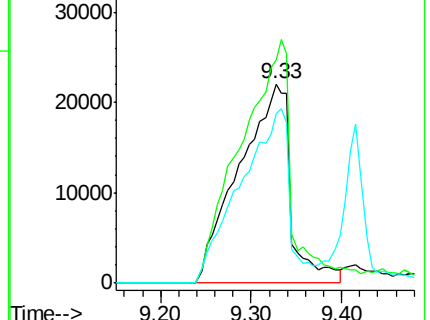
77 85.0 73.7 113.7

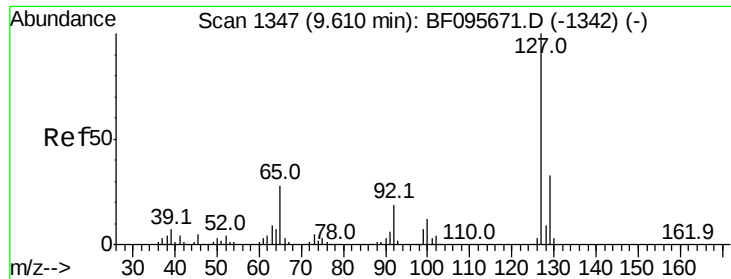


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

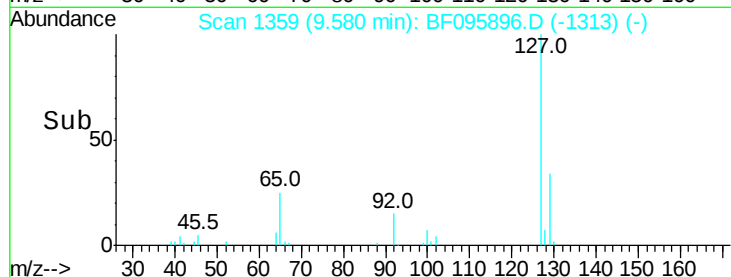
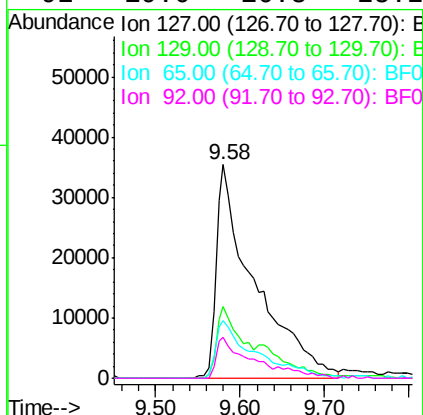
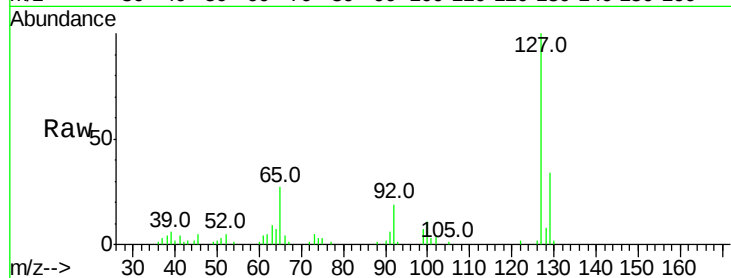




#33
 4-Chloroaniline
 Concen: 20.04 ng
 RT: 9.58 min Scan# 1359
 Delta R.T. -0.03 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

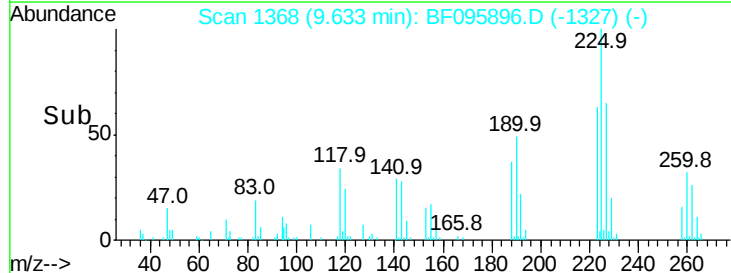
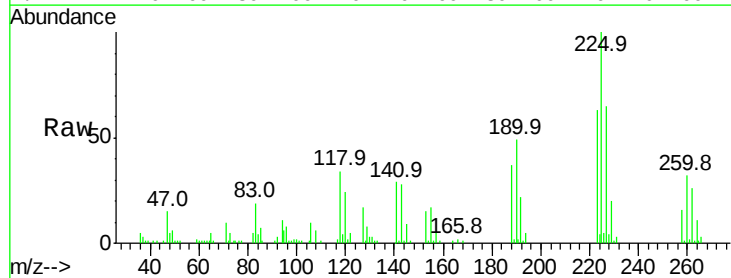
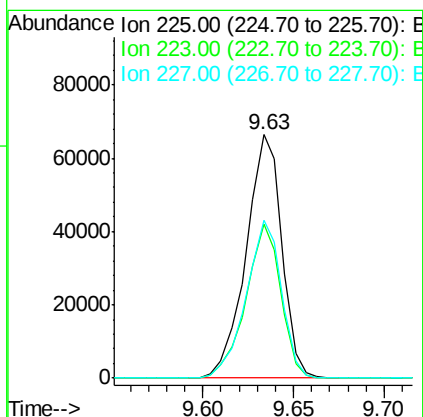
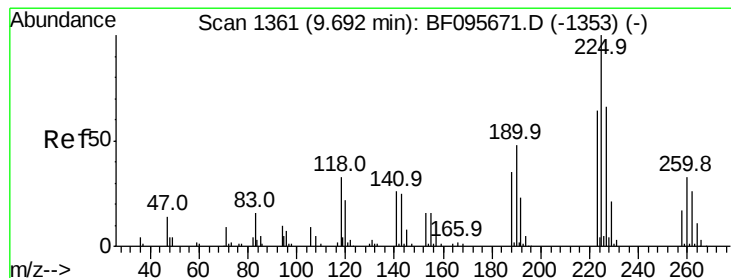
Instrument :
 BNA_F
 ClientSampleId :

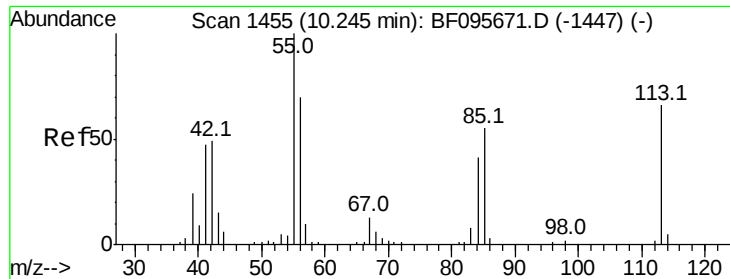
Tot Ion:	127	Resp:	111413
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.2	39.2
65	27.0	27.8	41.8#
92	19.0	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 44.25 ng
 RT: 9.63 min Scan# 1368
 Delta R.T. -0.06 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Tgt Ion:	225	Resp:	90780
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	64.6	51.1	76.7





#35

Caprolactam

Concen: 28.42 ng

RT: 10.22 min Scan# 1467

Delta R.T. -0.03 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :

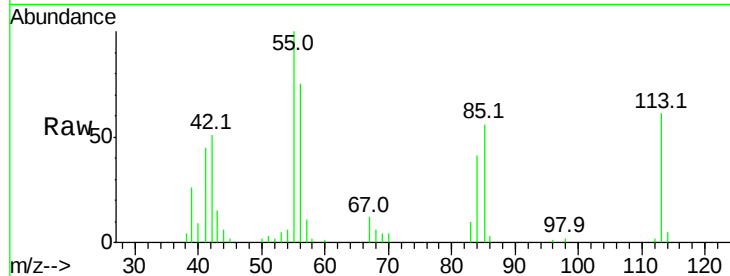
Tot Ion:113 Resp: 32262

Ion Ratio Lower Upper

113 100

55 163.4 150.2 190.2

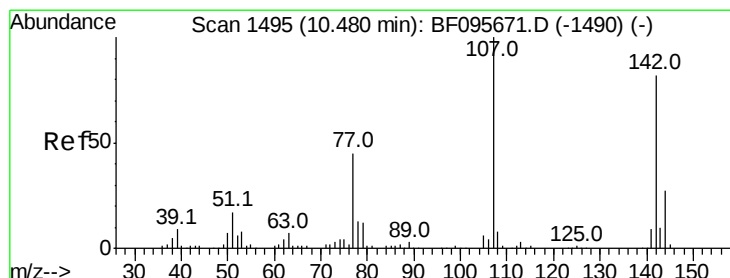
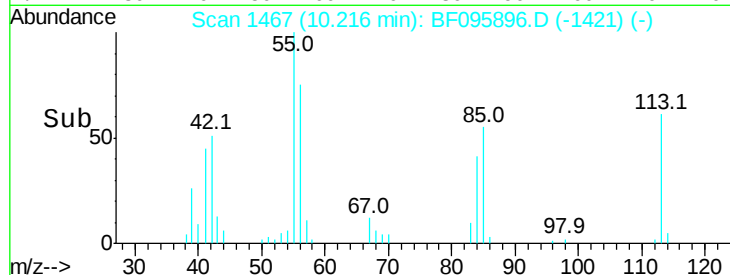
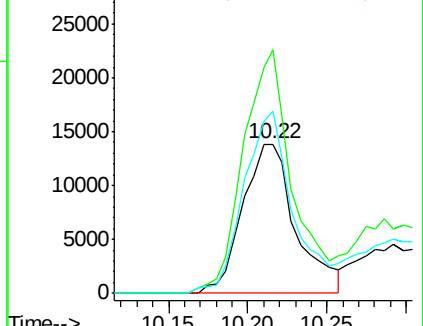
56 122.2 107.8 147.8



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: 48.88 ng

RT: 10.45 min Scan# 1507

Delta R.T. -0.03 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

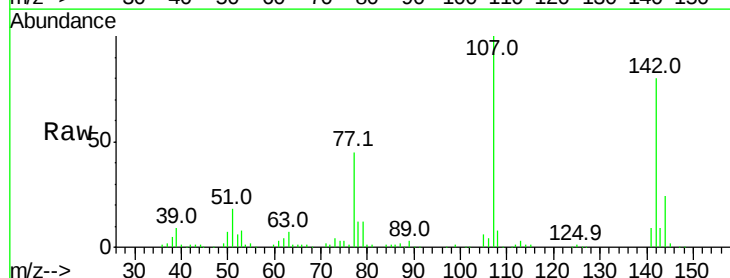
Tgt Ion:107 Resp: 195230

Ion Ratio Lower Upper

107 100

144 24.4 24.2 36.4

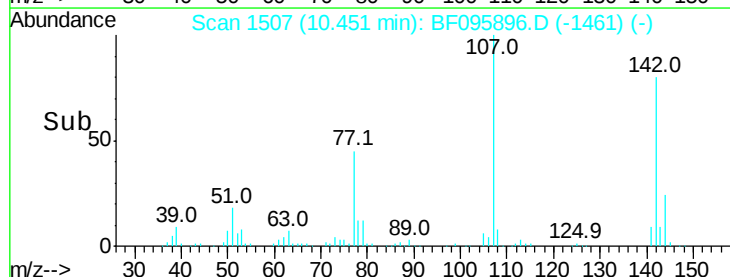
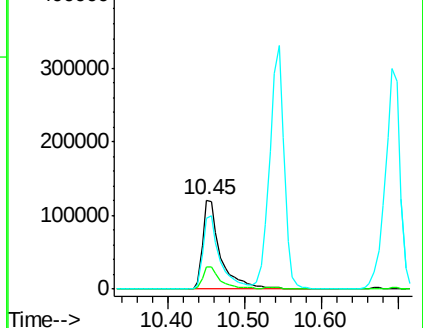
142 79.9 73.4 110.0

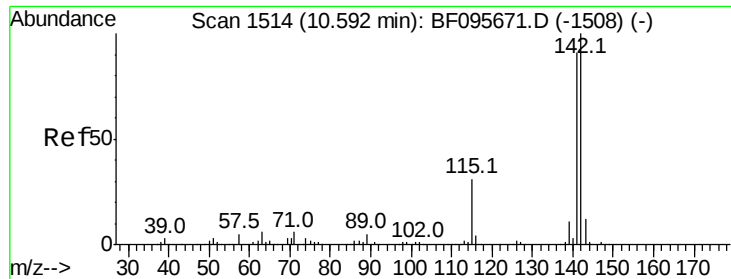


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

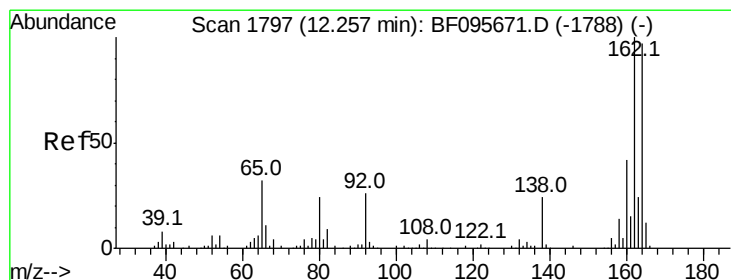
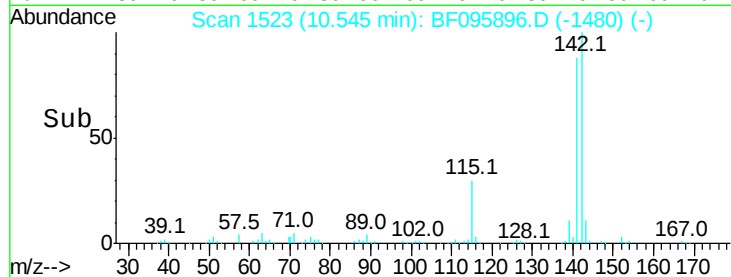
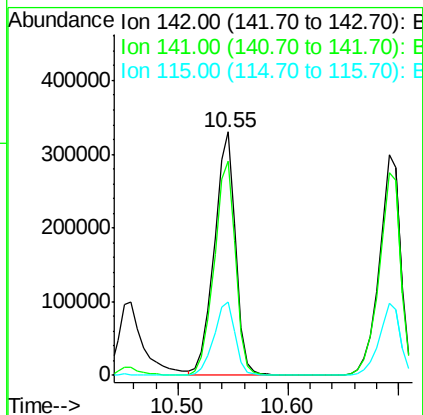
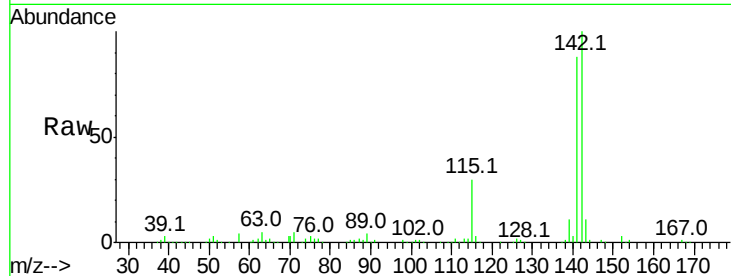




#37
2-Methylnaphthalene
Concen: 45.55 ng
RT: 10.55 min Scan# 1523
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

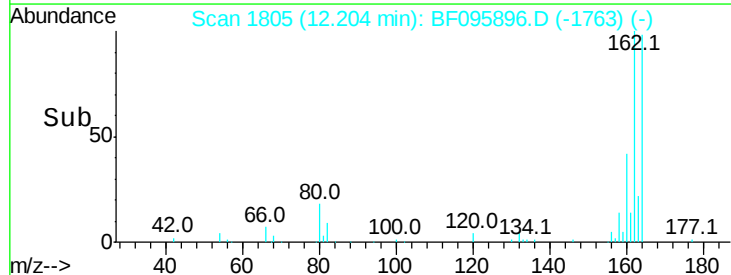
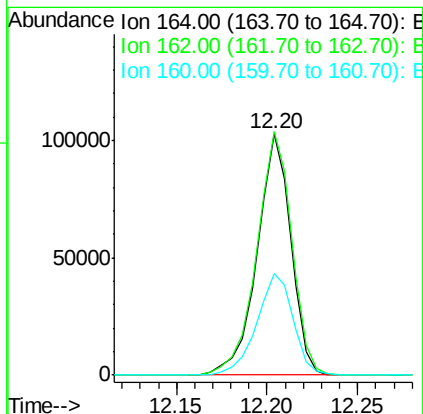
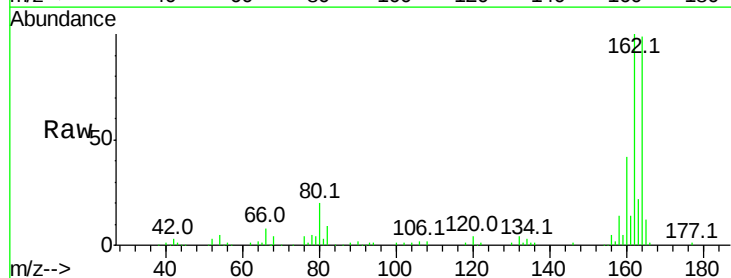
Instrument :
BNA_F
ClientSampled :

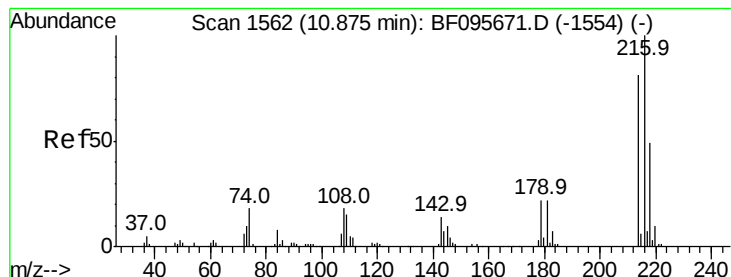
Tot Ion:142 Resp: 437760
Ion Ratio Lower Upper
142 100
141 88.2 71.3 106.9
115 29.9 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.20 min Scan# 1805
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion:164 Resp: 132532
Ion Ratio Lower Upper
164 100
162 101.0 82.6 123.8
160 42.0 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.53 ng

RT: 10.82 min Scan# 1570

Delta R.T. -0.05 min

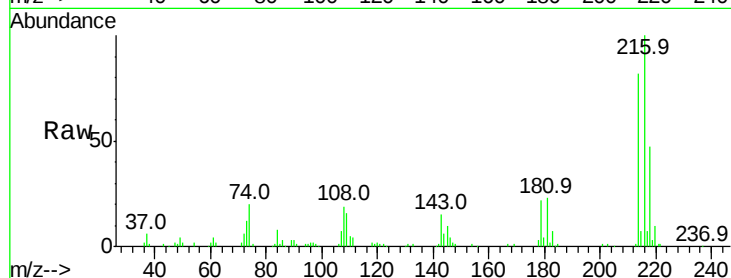
Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :



Tot Ion:216 Resp: 172657

Ion Ratio Lower Upper

216 100

214 80.2 63.4 95.2

179 21.2 17.9 26.9

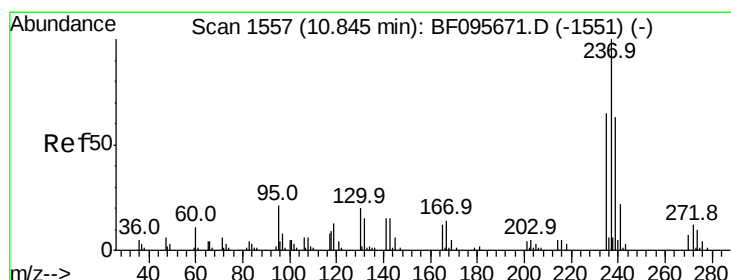
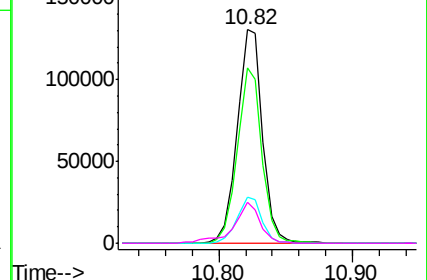
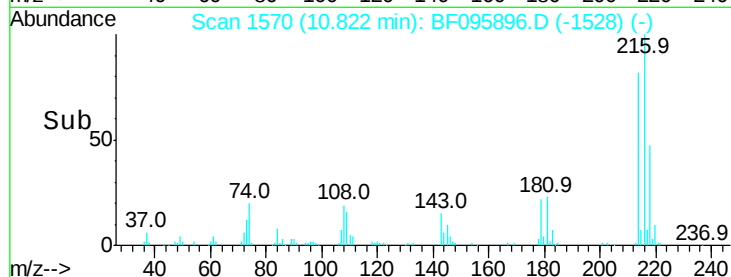
108 20.1 16.5 24.7

Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 83.45 ng

RT: 10.79 min Scan# 1565

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

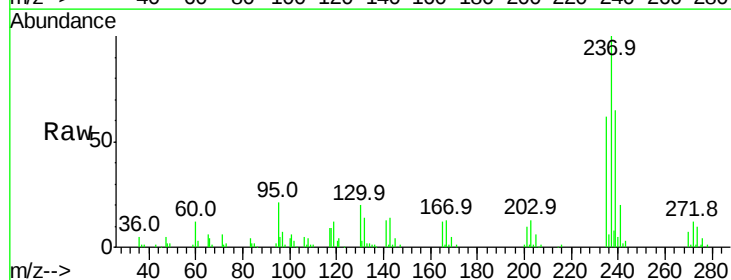
Tgt Ion:237 Resp: 104450

Ion Ratio Lower Upper

237 100

235 61.9 42.6 82.6

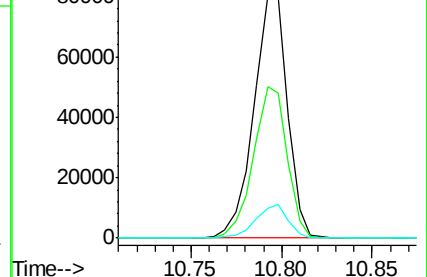
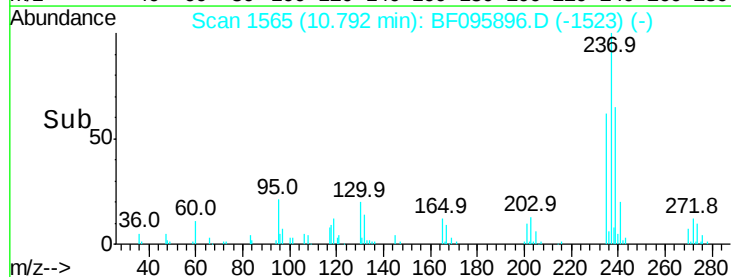
272 12.4 0.0 31.9

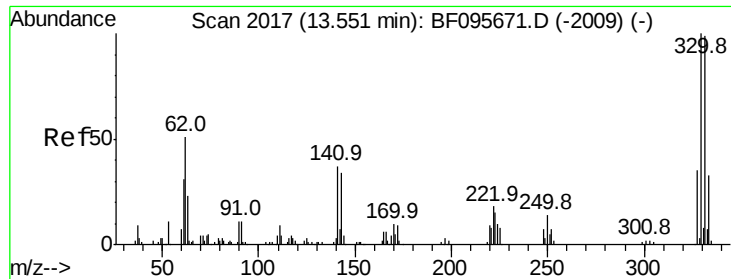


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

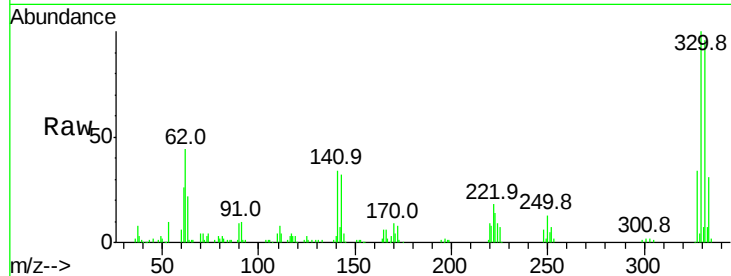




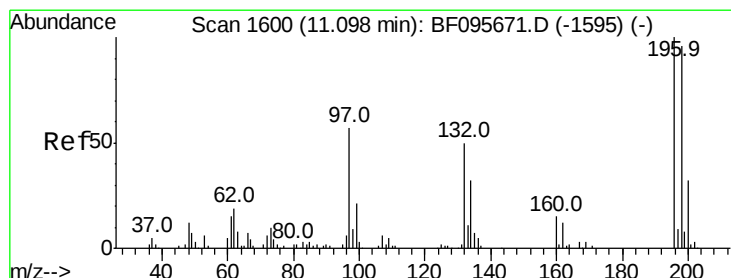
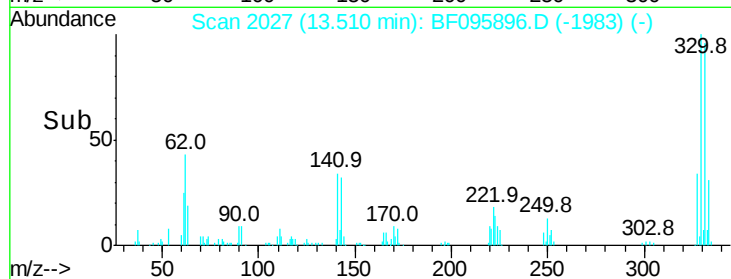
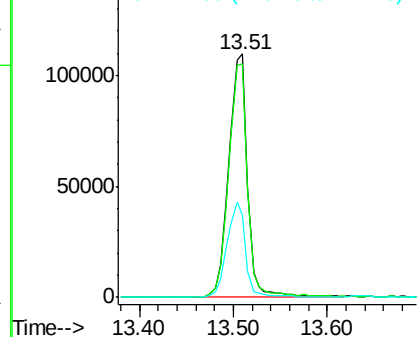
#41
 2,4,6-Tribromophenol
 Concen: 130.79 ng
 RT: 13.51 min Scan# 2027
 Delta R.T. -0.04 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	76.6	115.0
141	38.9	31.4	47.2

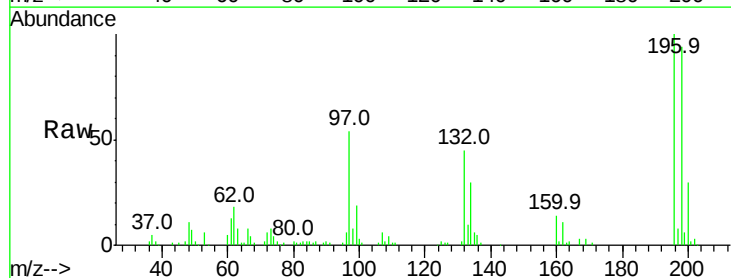


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

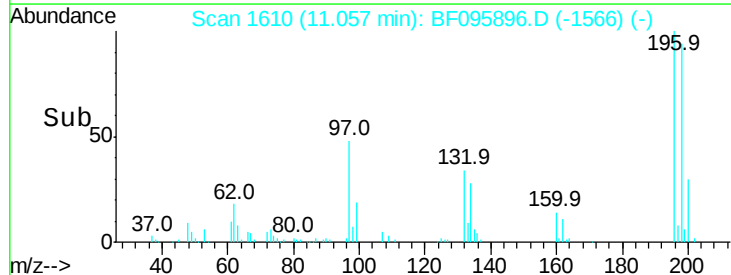
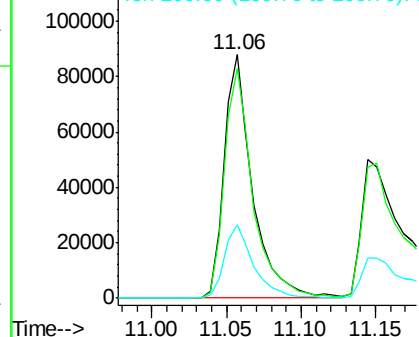


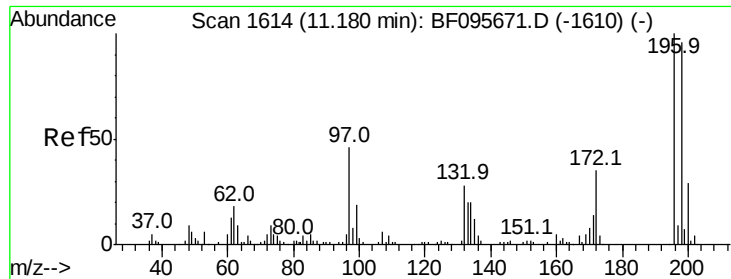
#42
 2,4,6-Trichlorophenol
 Concen: 45.85 ng
 RT: 11.06 min Scan# 1610
 Delta R.T. -0.04 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.2	111.4
200	30.4	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

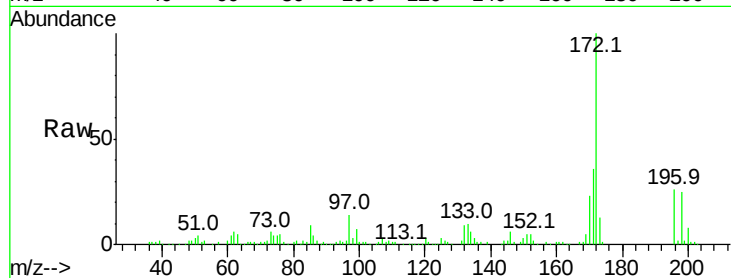




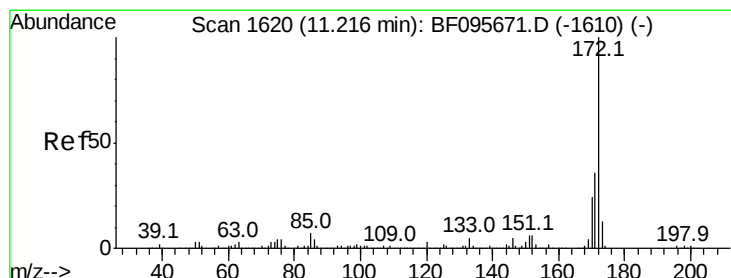
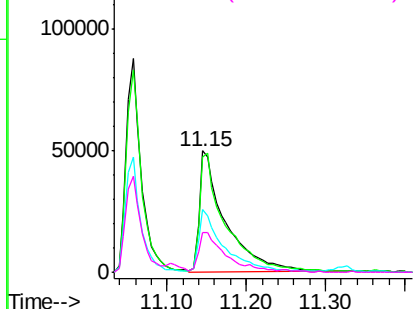
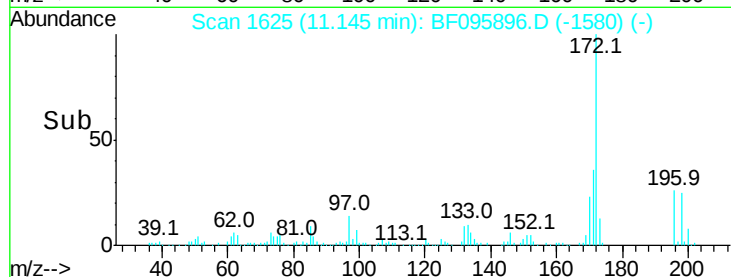
#43
 2,4,5-Trichlorophenol
 Concen: 41.98 ng
 RT: 11.15 min Scan# 1625
 Delta R.T. -0.04 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.7	75.7	113.5
97	51.3	47.7	71.5
132	33.1	28.0	42.0

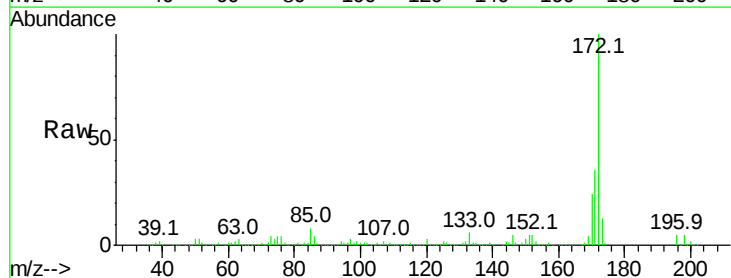


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

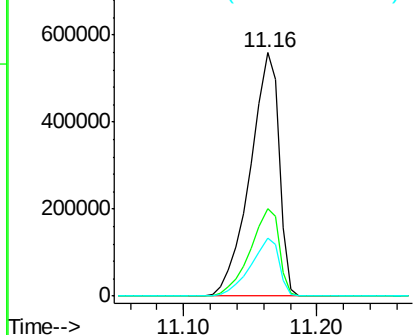
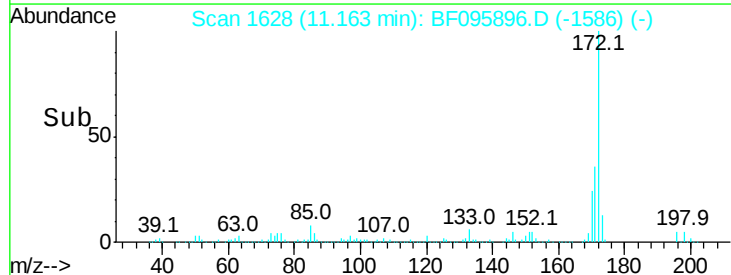


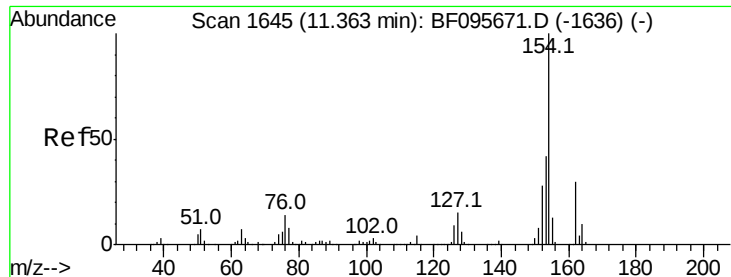
#44
 2-Fluorobiphenyl
 Concen: 87.73 ng
 RT: 11.16 min Scan# 1628
 Delta R.T. -0.05 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	23.8	19.8	29.8



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





#45

1,1'-Biphenyl

Concen: 44.62 ng

RT: 11.31 min Scan# 1653

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :

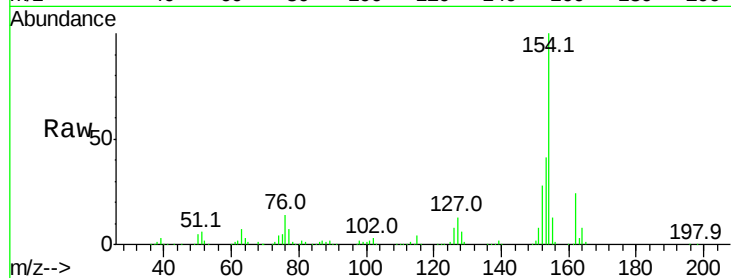
Tot Ion:154 Resp: 487400

Ion Ratio Lower Upper

154 100

153 41.0 21.2 61.2

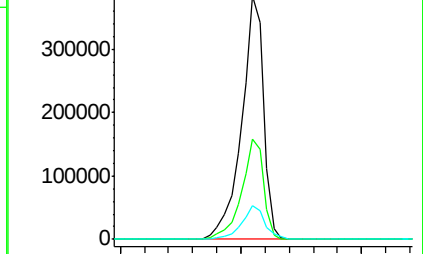
76 13.8 0.0 29.9



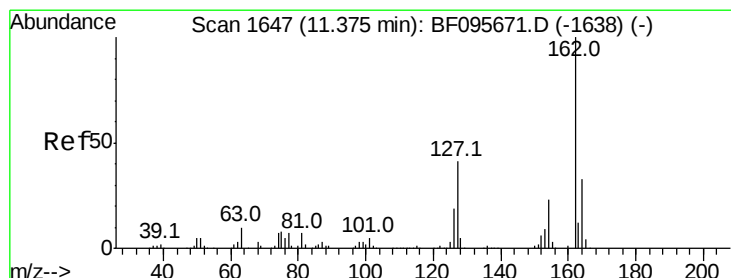
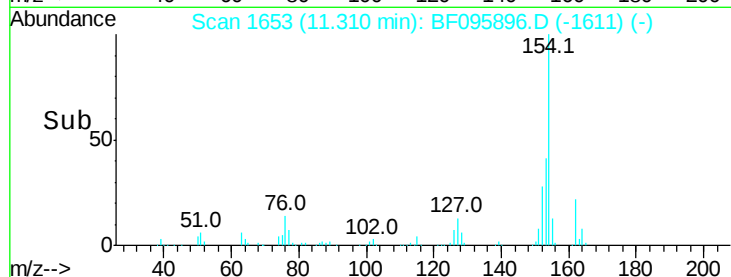
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



Time--> 11.20 11.30 11.40



#46

2-Chloronaphthalene

Concen: 44.04 ng

RT: 11.33 min Scan# 1656

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

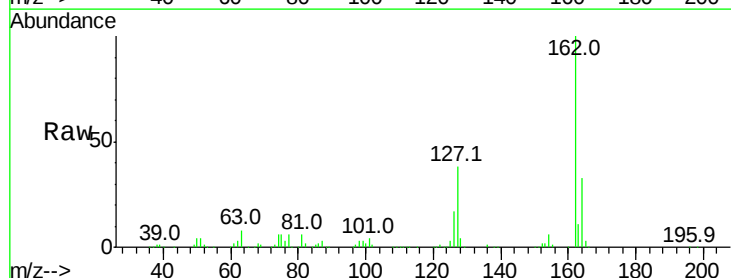
Tgt Ion:162 Resp: 375868

Ion Ratio Lower Upper

162 100

127 38.3 28.3 42.5

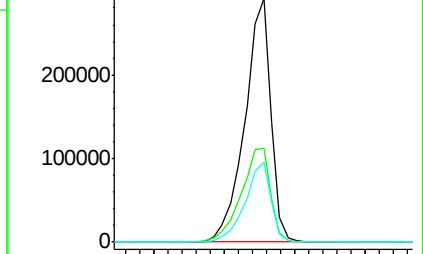
164 32.6 27.0 40.4



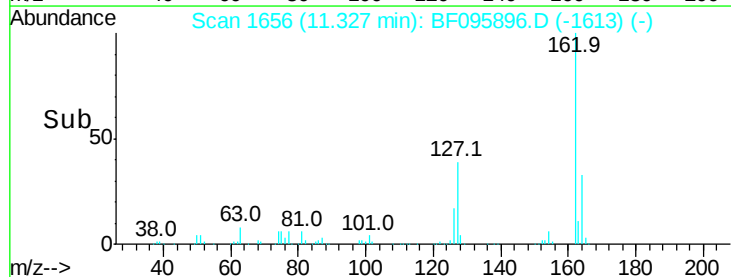
Abundance Ion 162.00 (161.70 to 162.70): E

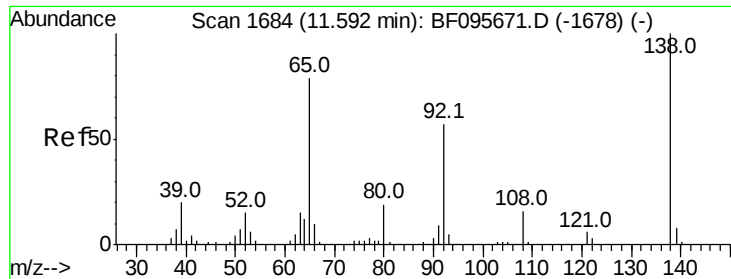
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 11.25 11.30 11.35 11.40

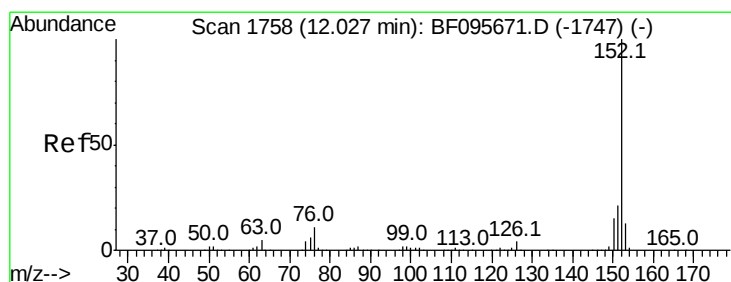
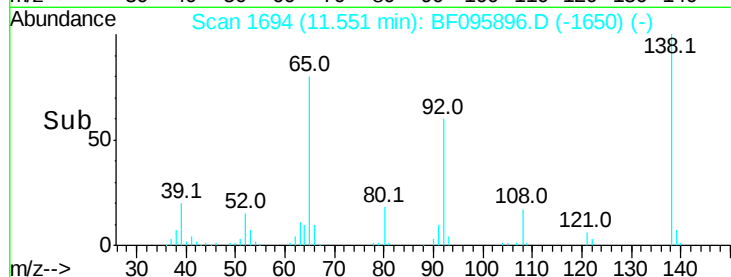
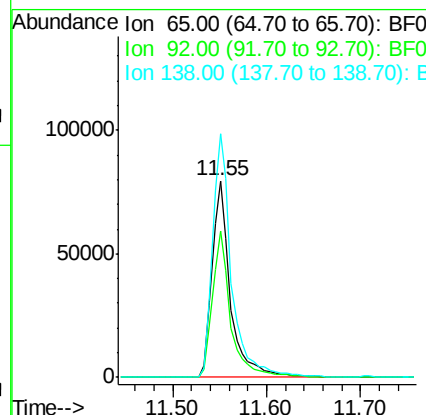
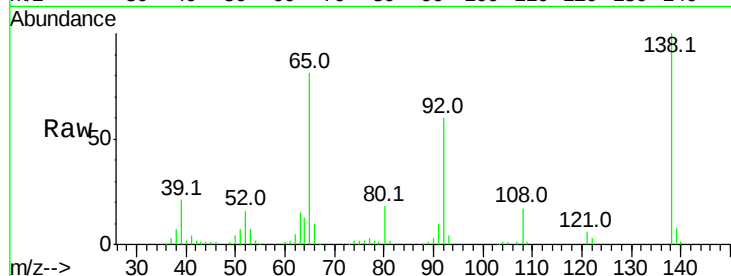




#47
2-Nitroaniline
Concen: 44.25 ng
RT: 11.55 min Scan# 1694
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

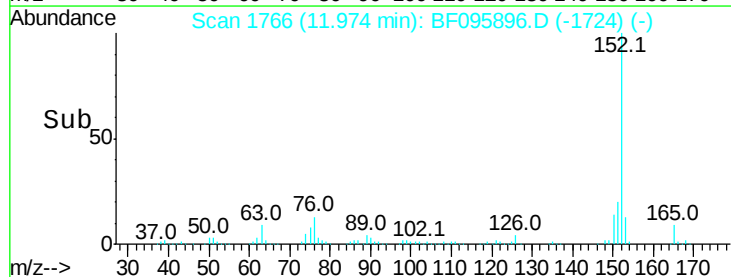
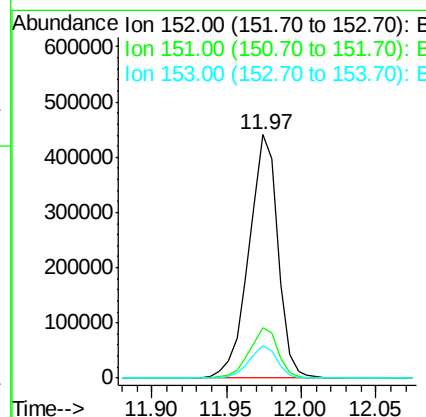
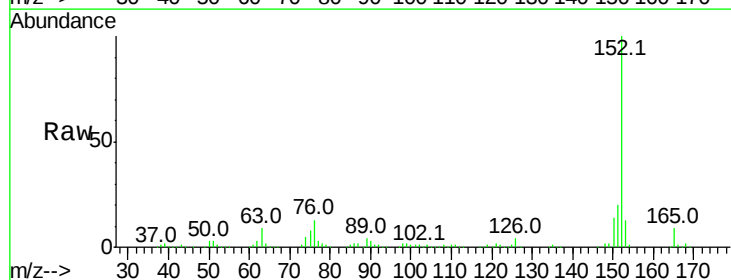
Instrument :
BNA_F
ClientSampleID :

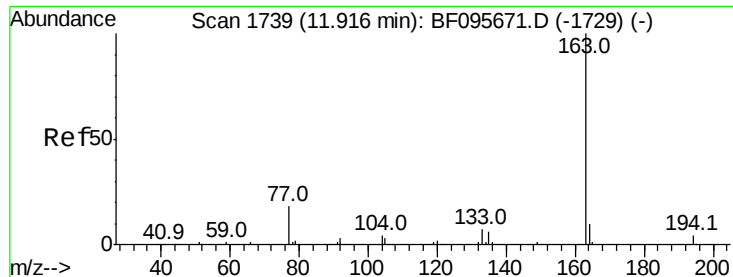
Tot Ion: 65 Resp: 110527
Ion Ratio Lower Upper
65 100
92 74.6 53.9 80.9
138 123.9 78.8 118.2#



#48
Acenaphthylene
Concen: 40.52 ng
RT: 11.97 min Scan# 1766
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion:152 Resp: 591403
Ion Ratio Lower Upper
152 100
151 20.4 16.8 25.2
153 13.3 10.8 16.2

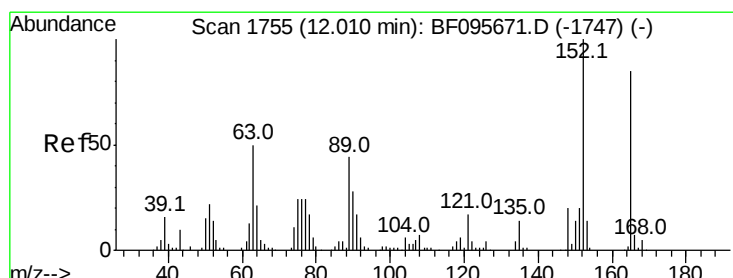
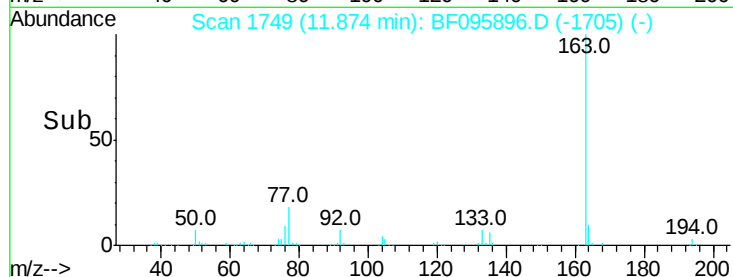
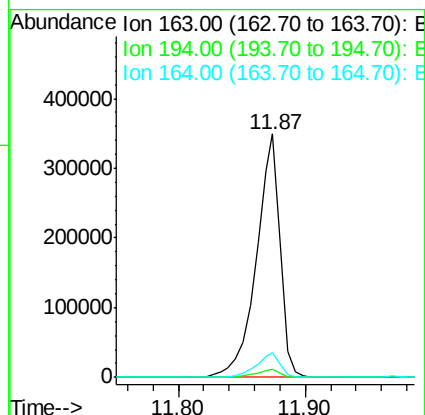
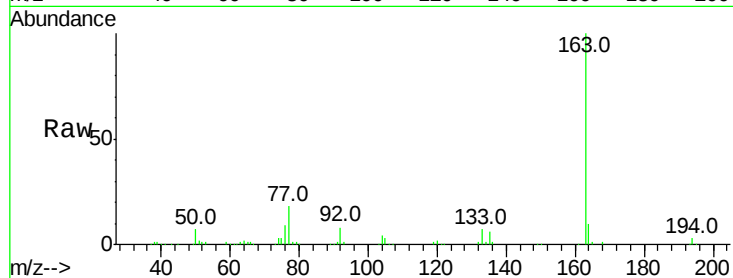




#49
Dimethylphthalate
Concen: 45.33 ng
RT: 11.87 min Scan# 1749
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

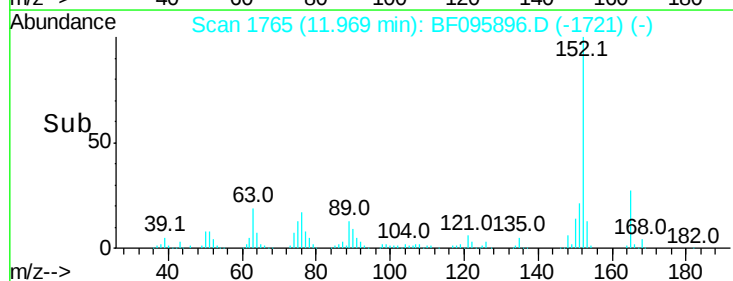
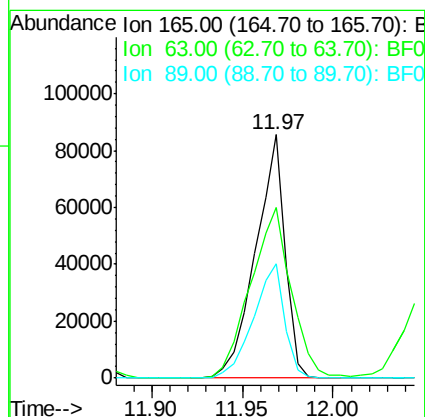
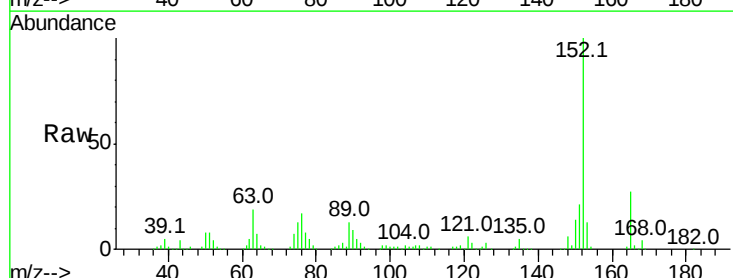
Instrument :
BNA_F
ClientSampleId :

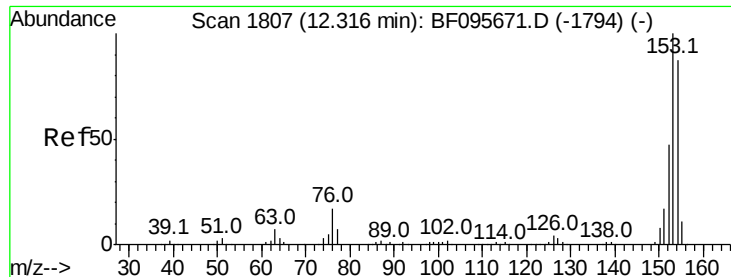
Tot Ion:163 Resp: 456115
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.1 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 44.17 ng
RT: 11.97 min Scan# 1765
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion:165 Resp: 96943
Ion Ratio Lower Upper
165 100
63 70.1 34.3 51.5#
89 47.0 37.1 55.7





#51

Acenaphthene

Concen: 42.25 ng

RT: 12.26 min Scan# 1814

Delta R.T. -0.06 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :

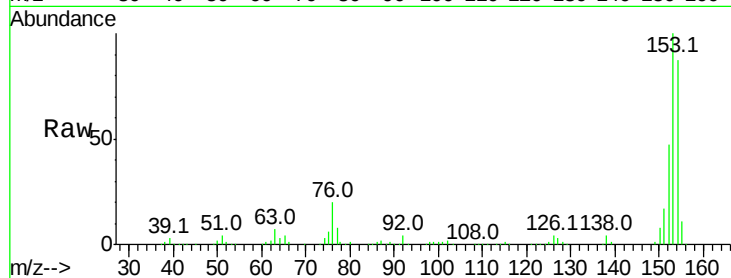
Tot Ion:154 Resp: 356119

Ion Ratio Lower Upper

154 100

153 114.8 90.5 135.7

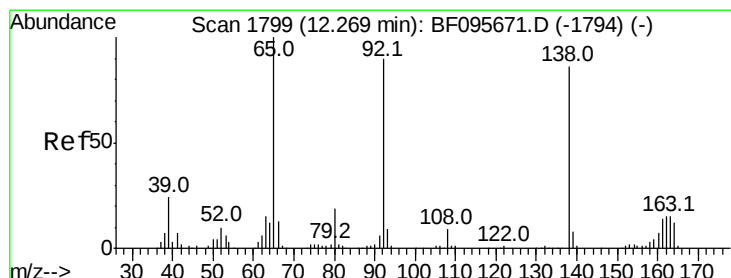
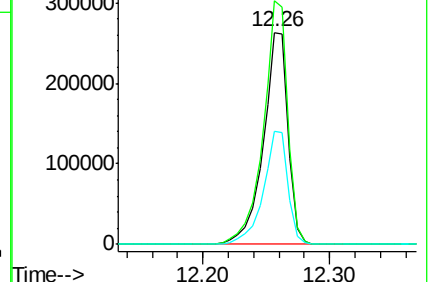
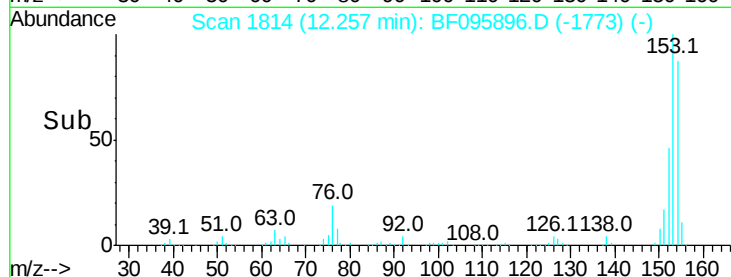
152 53.6 43.6 65.4



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: 26.99 ng

RT: 12.23 min Scan# 1810

Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

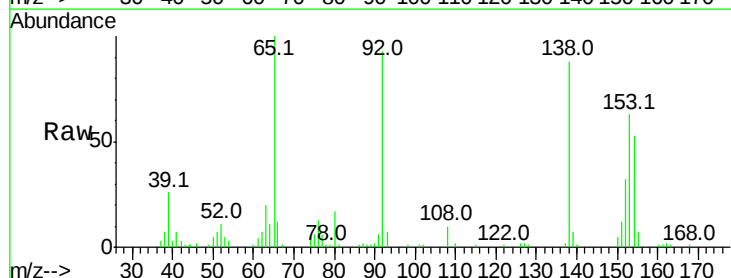
Tgt Ion:138 Resp: 69025

Ion Ratio Lower Upper

138 100

108 11.0 9.1 13.7

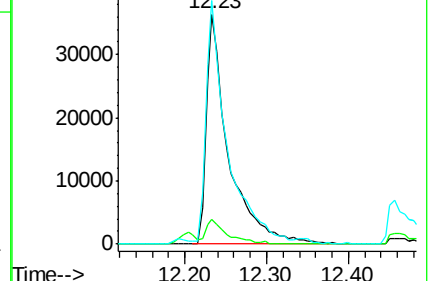
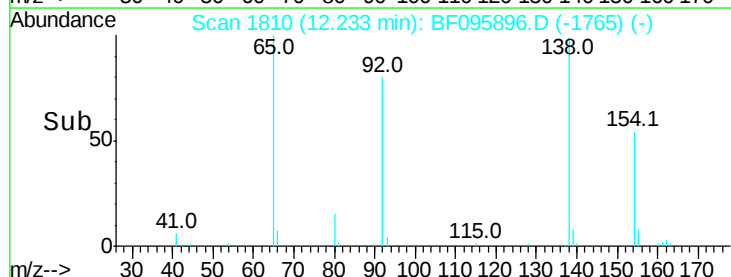
92 105.8 93.8 140.6

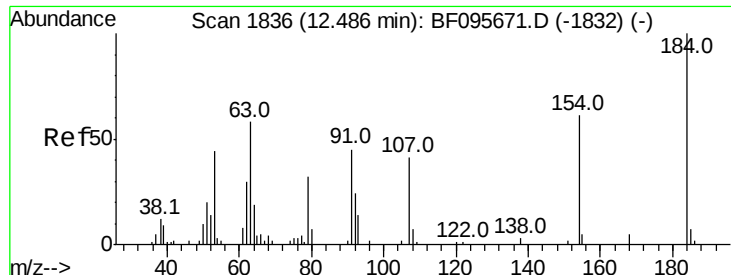


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

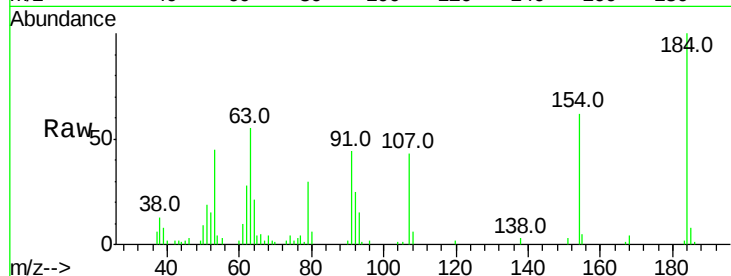




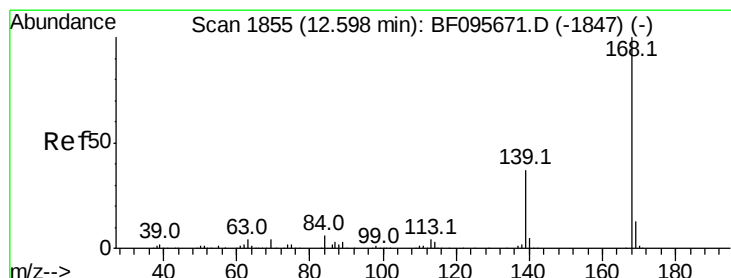
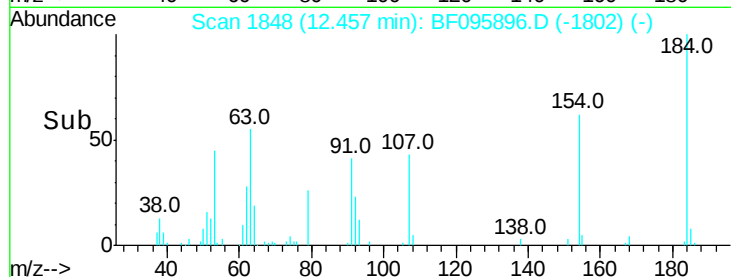
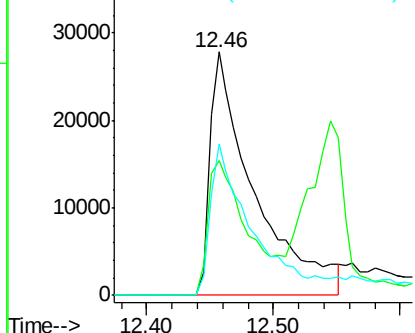
#53
 2,4-Dinitrophenol
 Concen: 56.25 ng
 RT: 12.46 min Scan# 1848
 Delta R.T. -0.03 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 67312
 Ion Ratio Lower Upper
 184 100
 63 55.2 62.7 94.1#
 154 62.2 81.1 121.7#

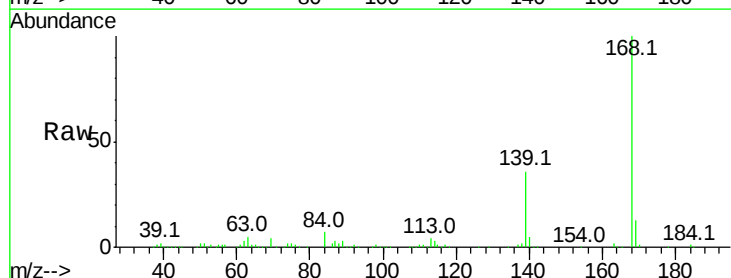


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

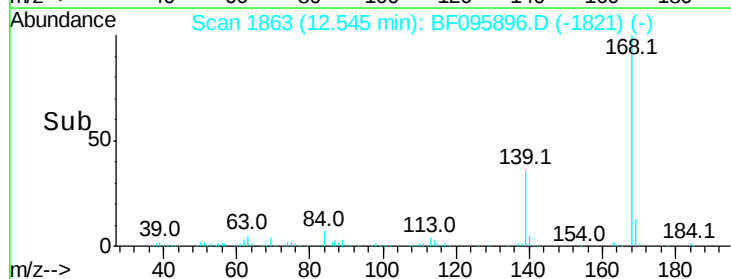
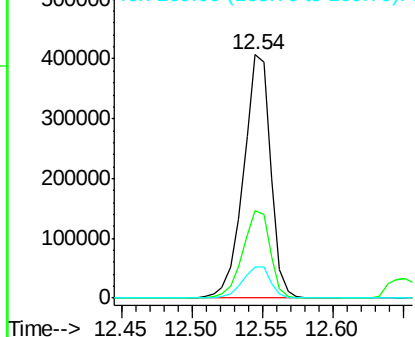


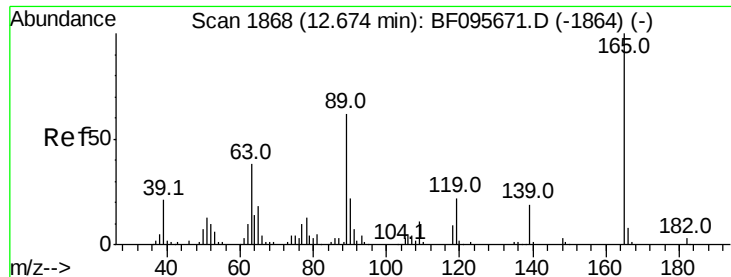
#54
 Dibenzofuran
 Concen: 46.09 ng
 RT: 12.54 min Scan# 1863
 Delta R.T. -0.05 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Tgt Ion:168 Resp: 546716
 Ion Ratio Lower Upper
 168 100
 139 35.9 30.6 45.8
 169 13.0 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

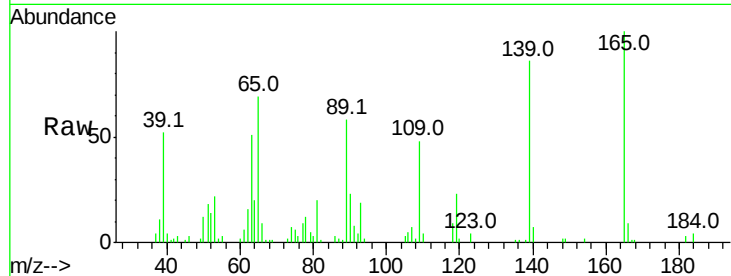




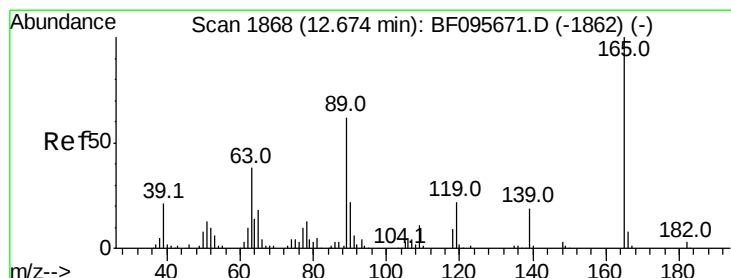
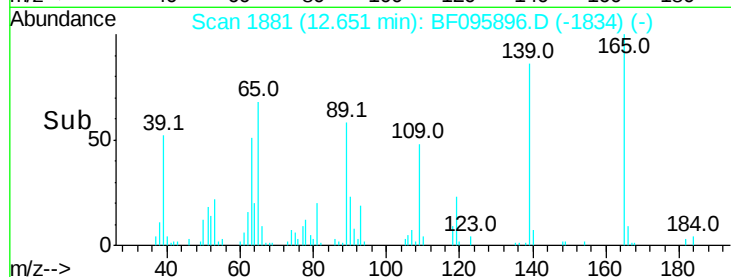
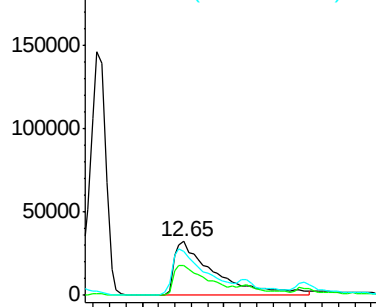
#55
4-Nitrophenol
Concen: 75.19 ng
RT: 12.65 min Scan# 1881
Delta R.T. -0.02 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 111820
Ion Ratio Lower Upper
139 100
109 56.4 34.1 74.1
65 80.8 31.4 71.4#

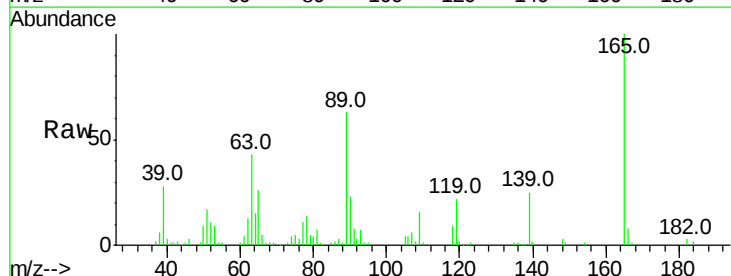


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

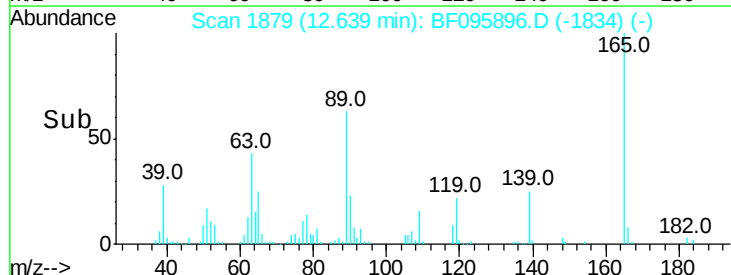
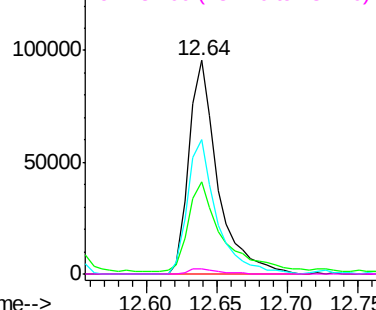


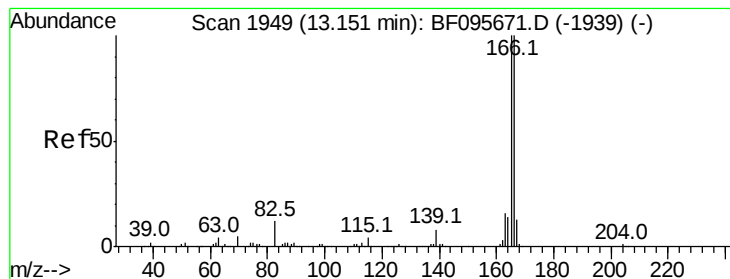
#56
2,4-Dinitrotoluene
Concen: 45.93 ng
RT: 12.64 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion:165 Resp: 136155
Ion Ratio Lower Upper
165 100
63 43.1 25.4 38.0#
89 63.1 46.4 69.6
182 2.7 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: 42.68 ng

RT: 13.10 min Scan# 1957

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :

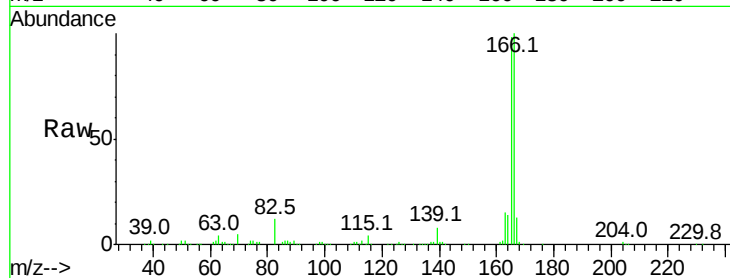
Tot Ion:166 Resp: 440565

Ion Ratio Lower Upper

166 100

165 97.7 78.8 118.2

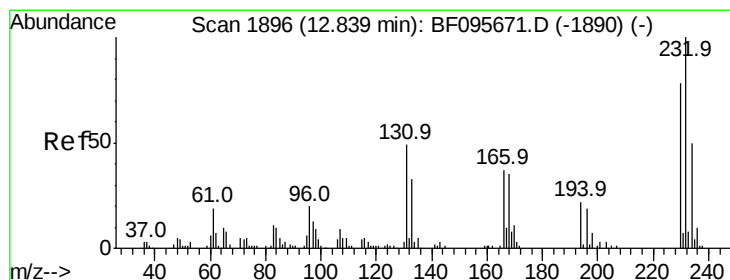
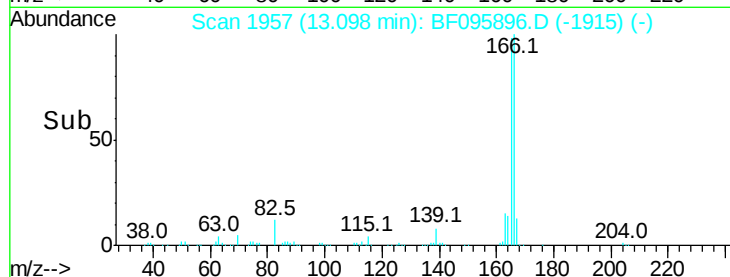
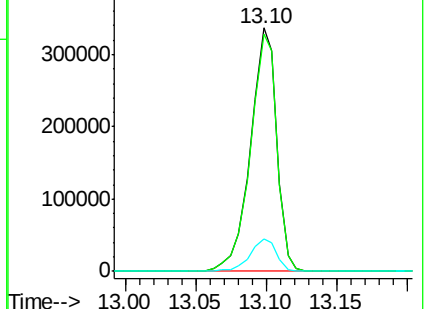
167 13.4 10.6 16.0



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: 47.57 ng

RT: 12.80 min Scan# 1906

Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Tgt Ion:232 Resp: 88292

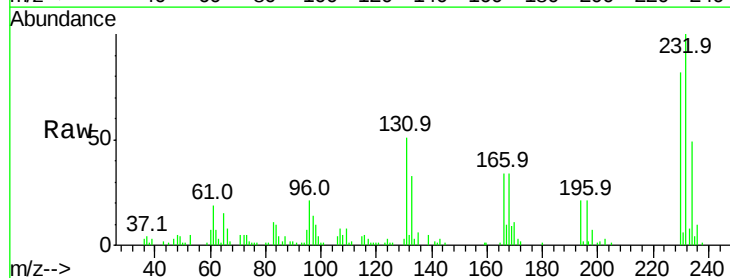
Ion Ratio Lower Upper

232 100

131 51.8 44.8 67.2

130 2.2 2.3 3.5#

166 30.9 29.0 43.4

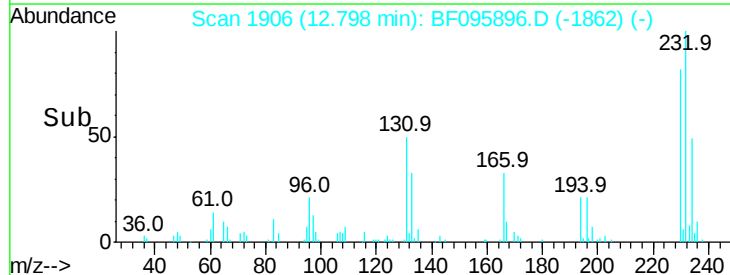
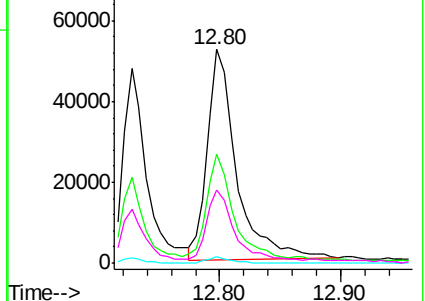


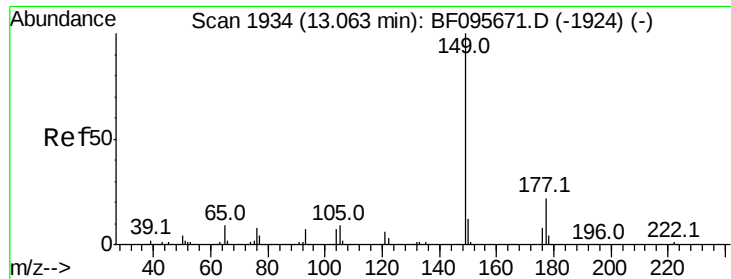
Abundance Ion 232.00 (231.70 to 232.70): E

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

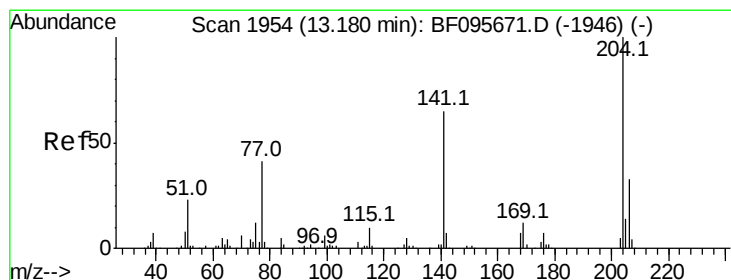
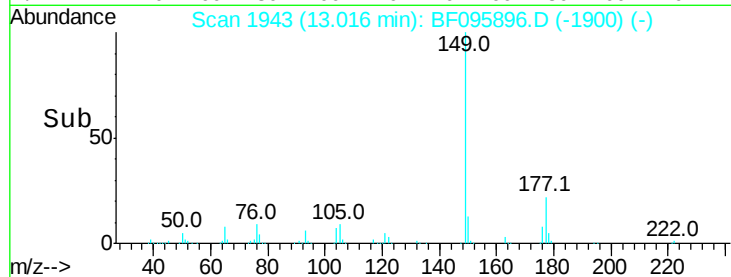
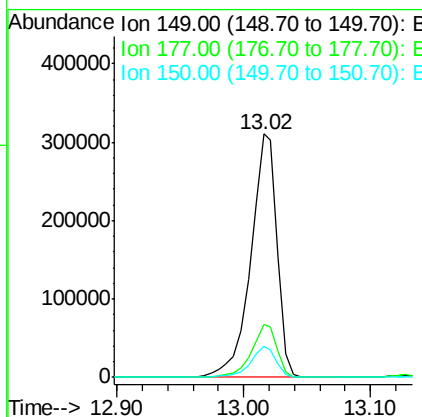
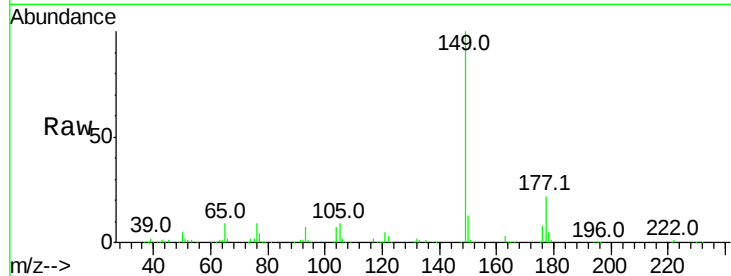




#59
Diethylphthalate
Concen: 46.36 ng
RT: 13.02 min Scan# 1943
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

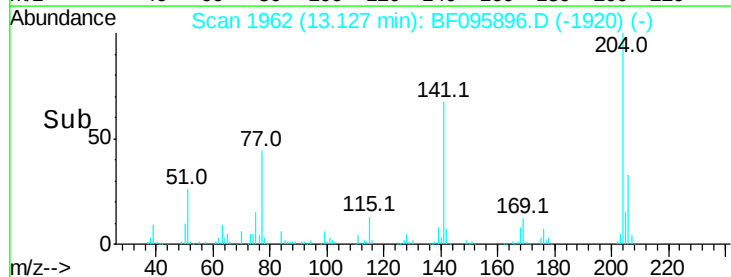
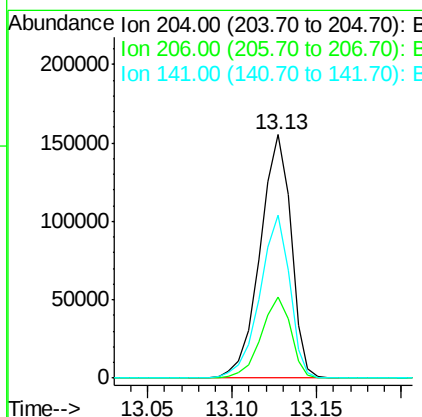
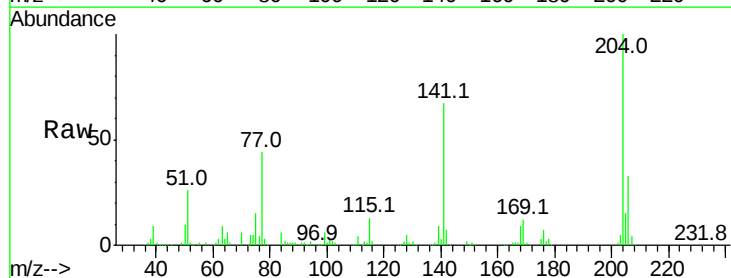
Instrument :
BNA_F
ClientSampled :

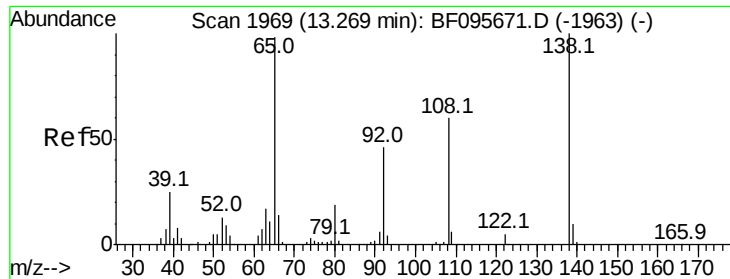
Tot Ion:149 Resp: 448975
Ion Ratio Lower Upper
149 100
177 21.5 16.7 25.1
150 12.6 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.17 ng
RT: 13.13 min Scan# 1962
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion:204 Resp: 198306
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 66.8 60.8 91.2

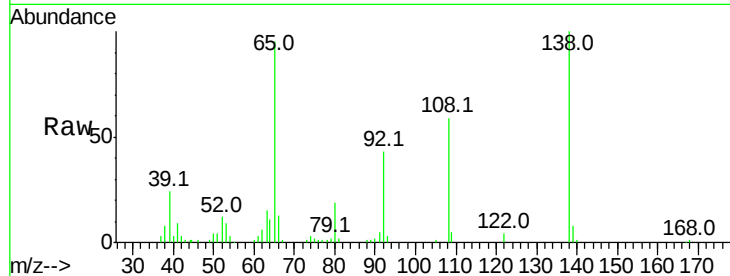




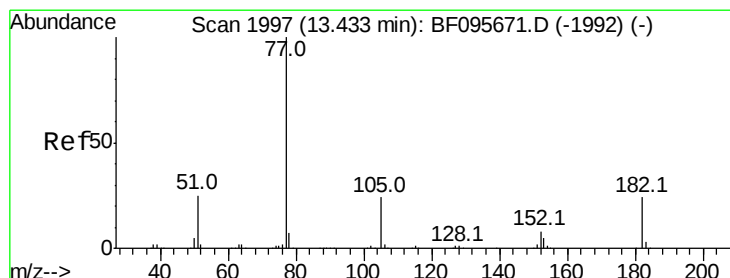
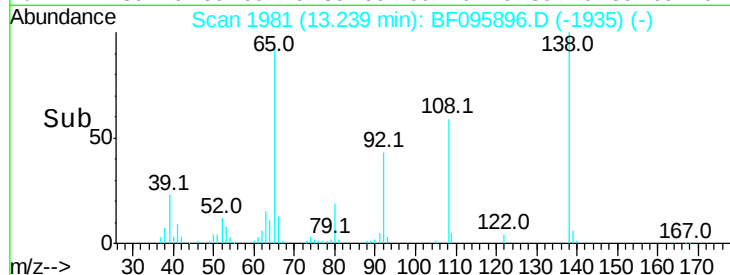
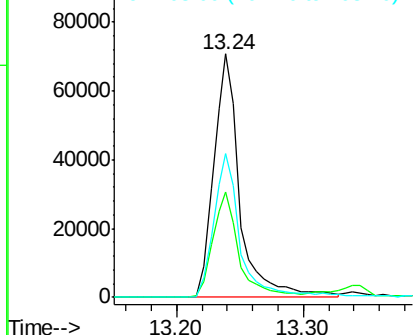
#61
4-Nitroaniline
Concen: 42.58 ng
RT: 13.24 min Scan# 1981
Delta R.T. -0.03 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 101675
Ion Ratio Lower Upper
138 100
92 43.1 21.8 61.8
108 59.1 42.3 82.3

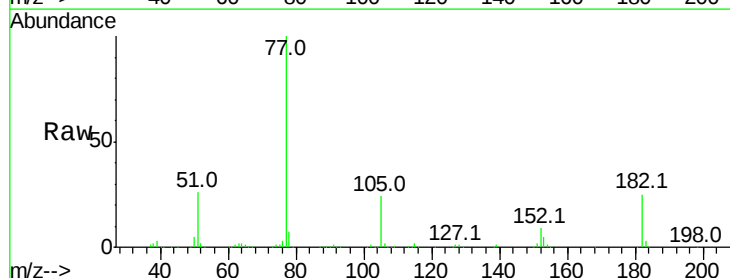


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

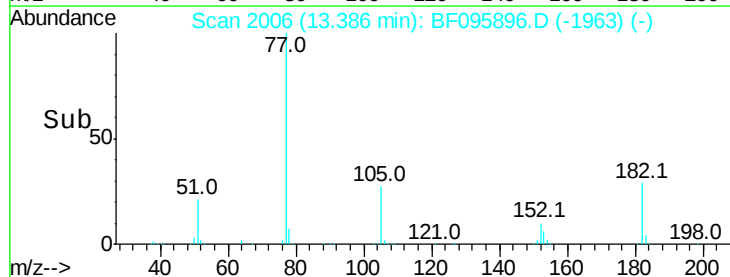
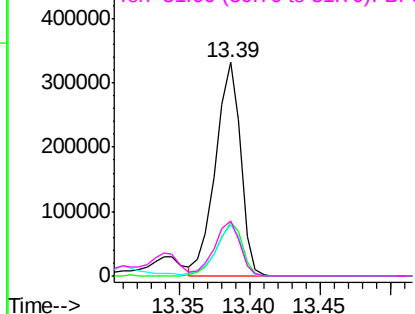


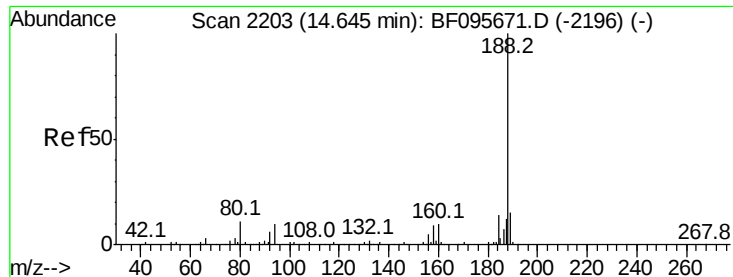
#62
Azobenzene
Concen: 46.76 ng
RT: 13.39 min Scan# 2006
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion: 77 Resp: 410386
Ion Ratio Lower Upper
77 100
182 25.2 0.1 40.1
105 24.1 3.6 43.6
51 25.6 9.4 49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

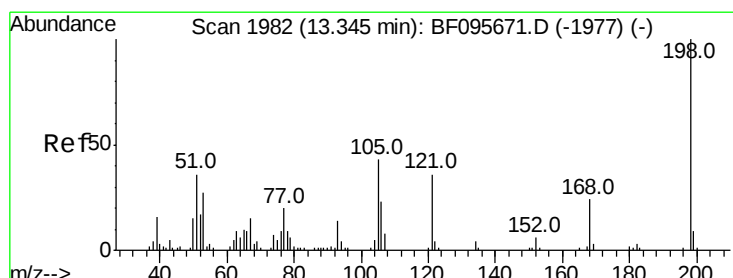
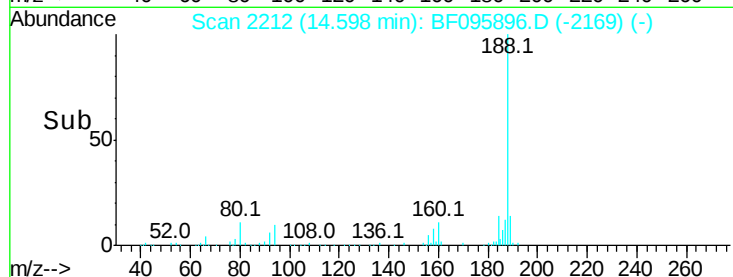
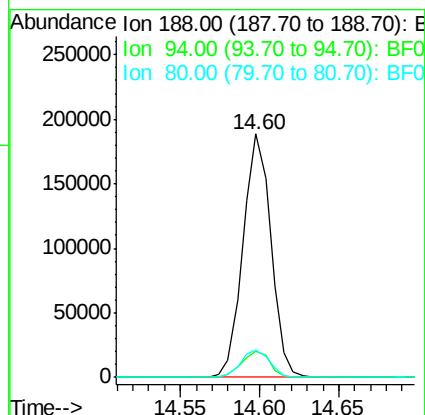
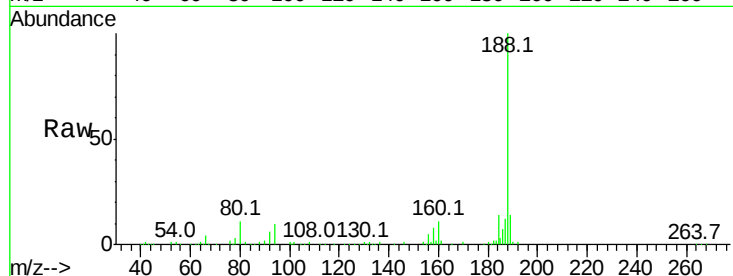




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 2212
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

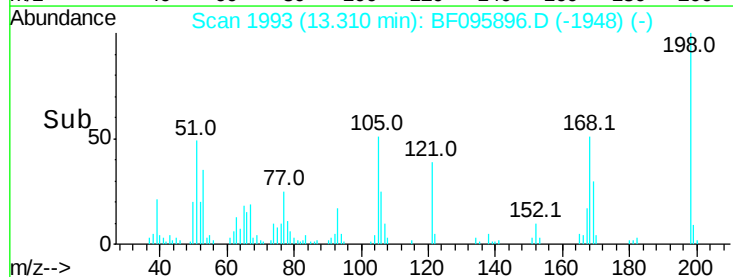
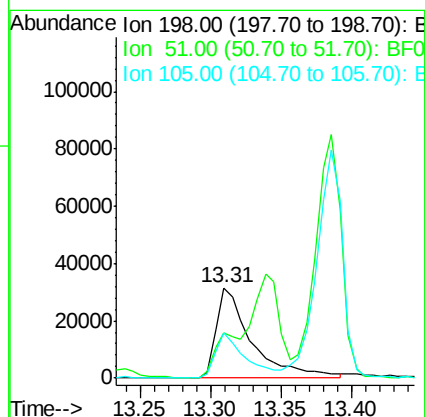
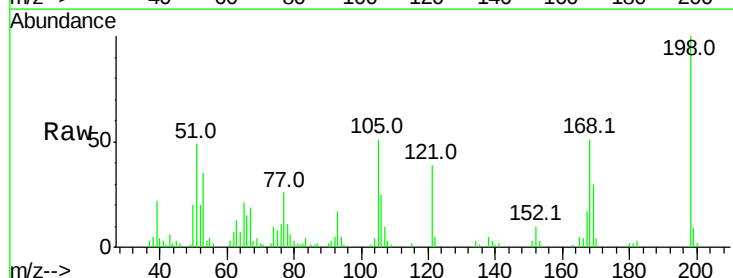
Instrument :
BNA_F
ClientSampleId :

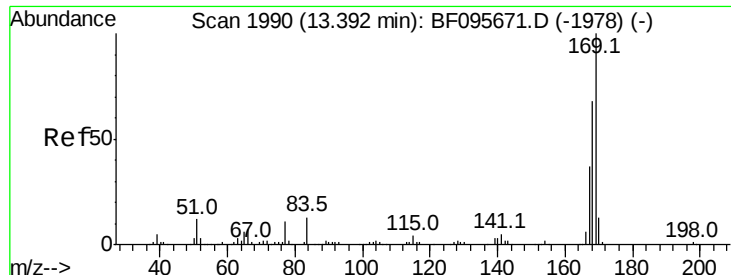
Tot Ion:188 Resp: 230469
Ion Ratio Lower Upper
188 100
94 10.5 9.4 14.2
80 11.3 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 36.54 ng
RT: 13.31 min Scan# 1993
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion:198 Resp: 55360
Ion Ratio Lower Upper
198 100
51 49.3 53.2 93.2#
105 50.6 45.8 85.8

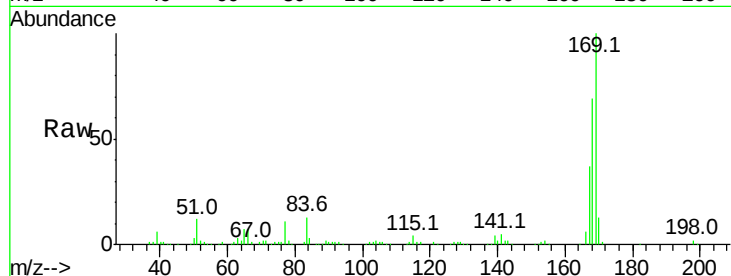




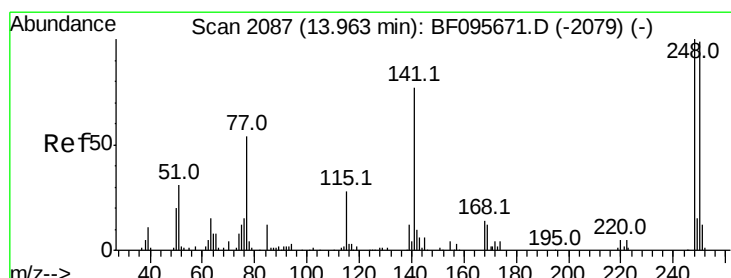
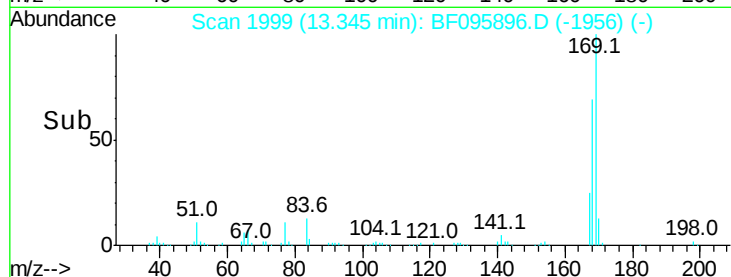
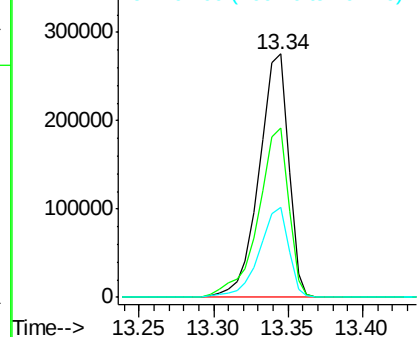
#65
n-Nitrosodiphenylamine
Concen: 45.25 ng
RT: 13.34 min Scan# 1999
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:169 Resp: 374766
Ion Ratio Lower Upper
169 100
168 69.4 53.2 79.8
167 36.9 29.5 44.3

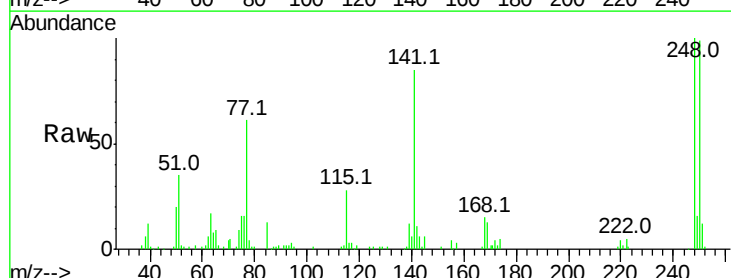


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

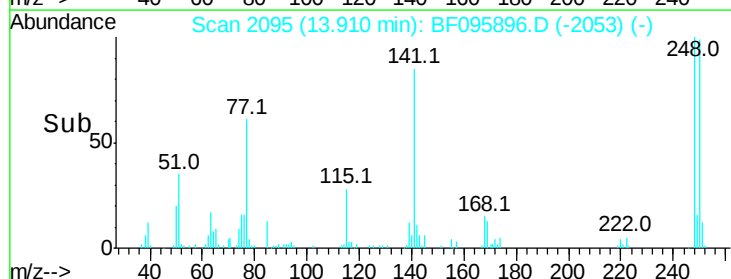
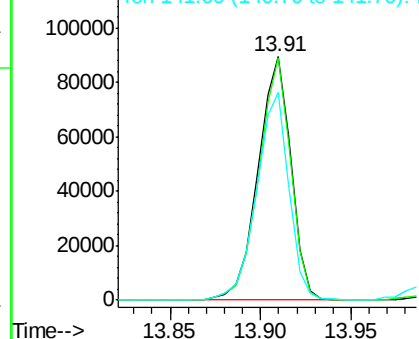


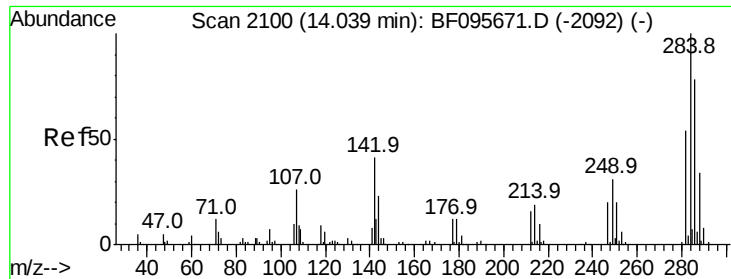
#66
4-Bromophenyl-phenylether
Concen: 46.91 ng
RT: 13.91 min Scan# 2095
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion:248 Resp: 112365
Ion Ratio Lower Upper
248 100
250 99.4 76.8 115.2
141 85.4 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

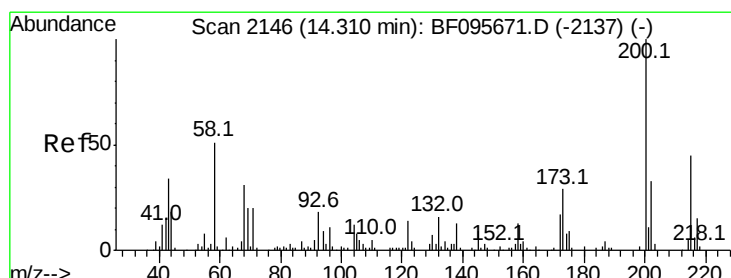
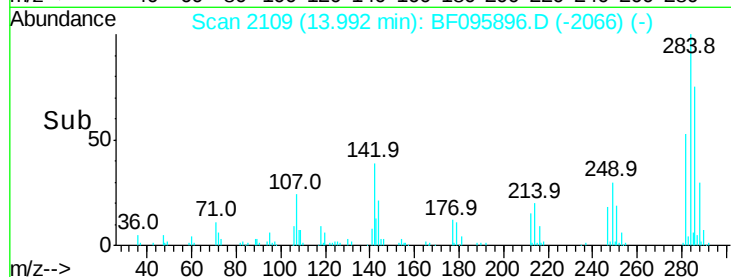
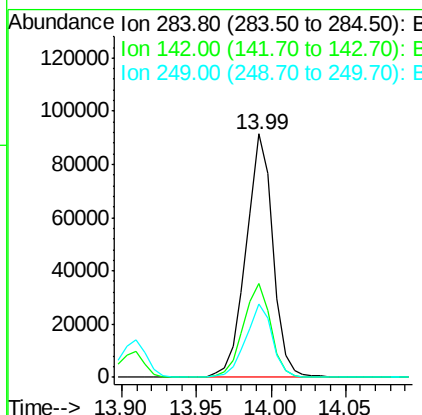
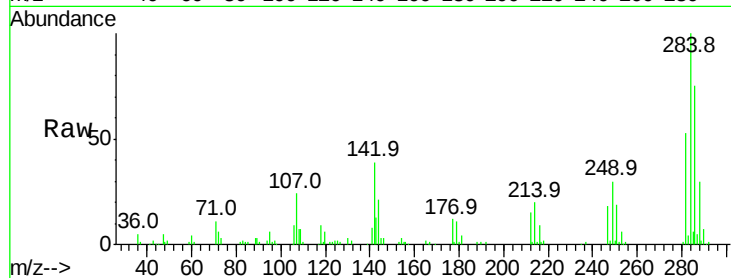




#67
Hexachlorobenzene
Concen: 48.07 ng
RT: 13.99 min Scan# 2109
Delta R.T. -0.05 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

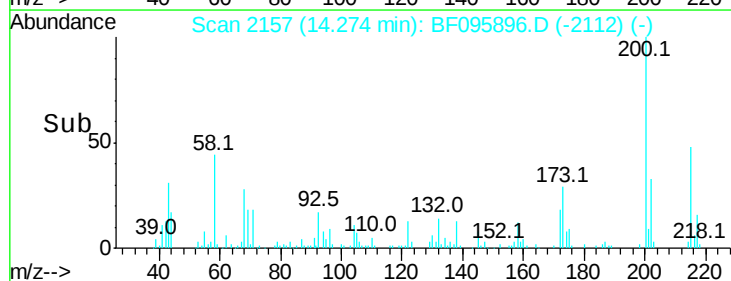
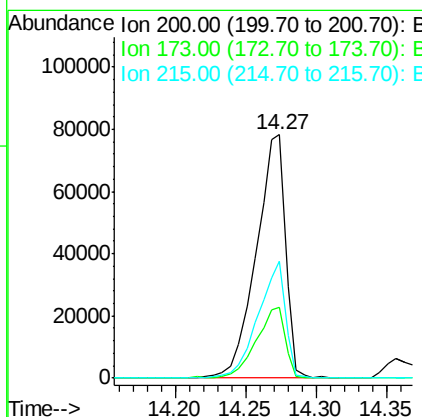
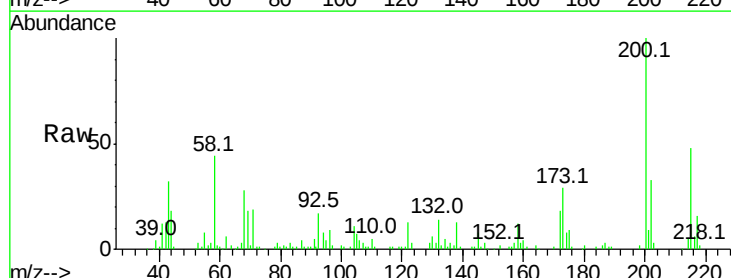
Instrument :
BNA_F
ClientSampleId :

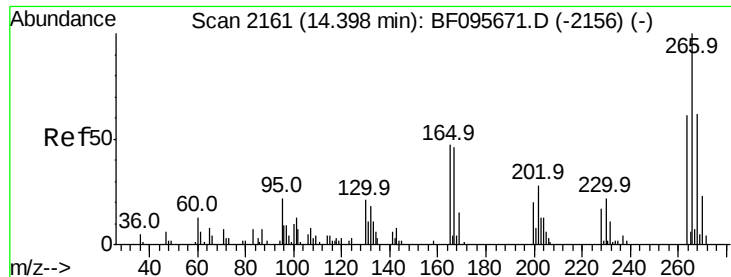
Tot Ion:284 Resp: 113452
Ion Ratio Lower Upper
284 100
142 38.7 22.8 34.2#
249 30.1 24.0 36.0



#68
Atrazine
Concen: 49.68 ng
RT: 14.27 min Scan# 2157
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion:200 Resp: 114511
Ion Ratio Lower Upper
200 100
173 29.3 6.3 46.3
215 48.1 27.2 67.2

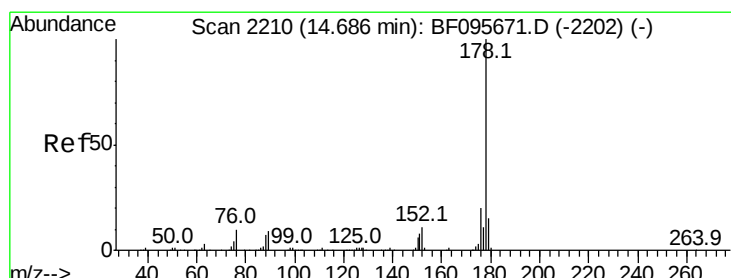
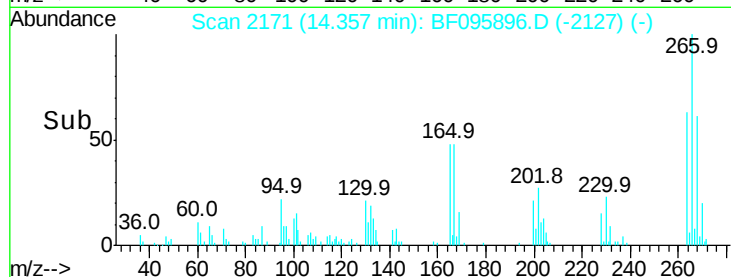
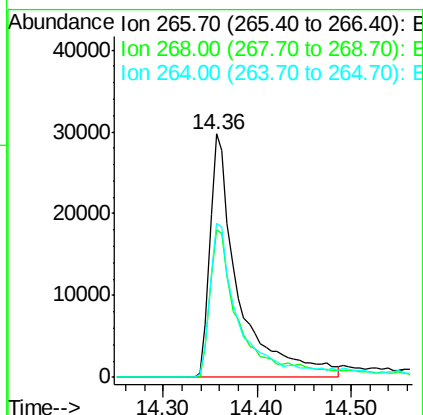
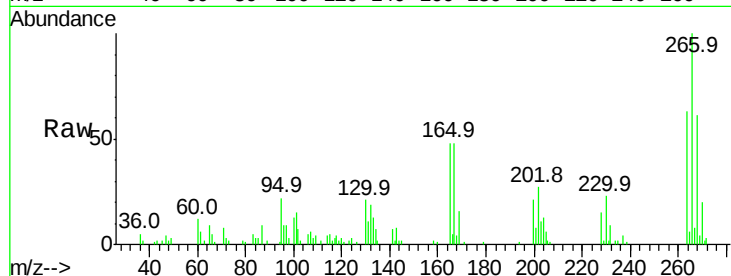




#69
 Pentachlorophenol
 Concen: 71.63 ng
 RT: 14.36 min Scan# 2171
 Delta R.T. -0.04 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

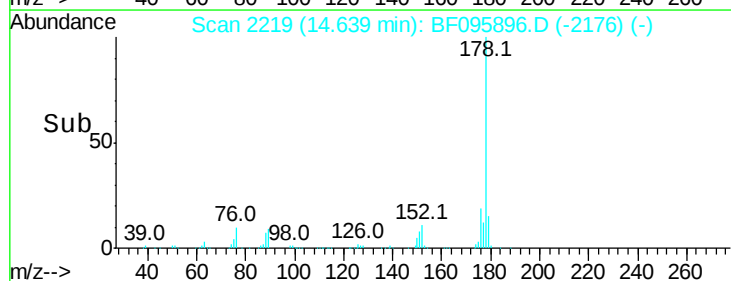
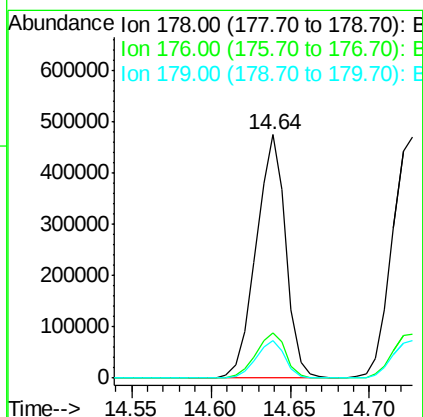
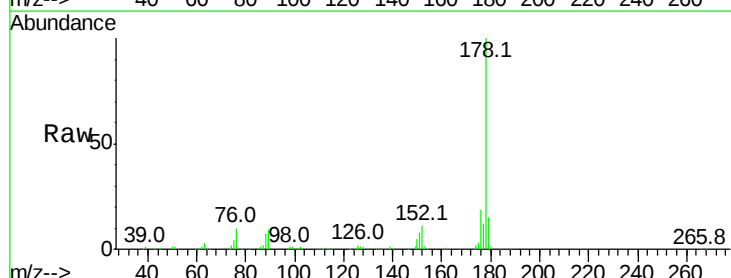
Instrument :
 BNA_F
 ClientSampleId :

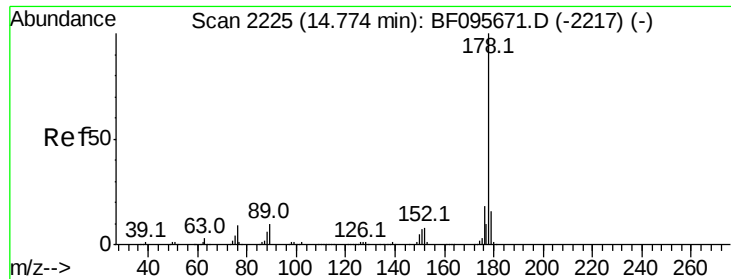
Tot Ion:266 Resp: 63433
 Ion Ratio Lower Upper
 266 100
 268 60.7 51.1 76.7
 264 63.1 51.7 77.5



#70
 Phenanthrene
 Concen: 46.55 ng
 RT: 14.64 min Scan# 2219
 Delta R.T. -0.05 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Tgt Ion:178 Resp: 619051
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.2 24.4
 179 15.2 12.6 19.0

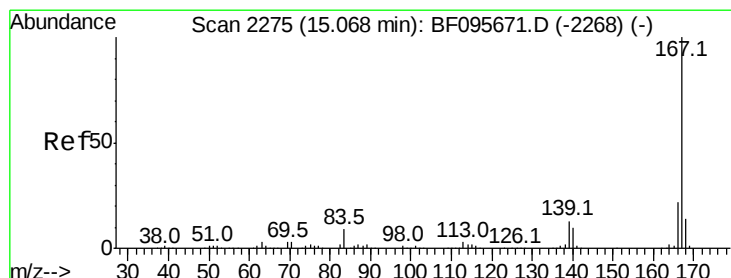
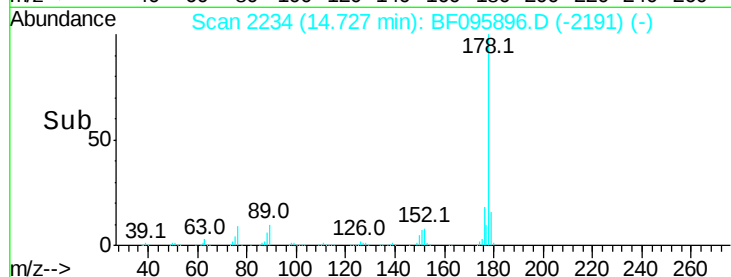
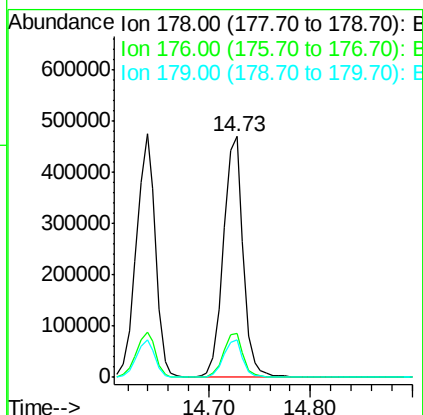
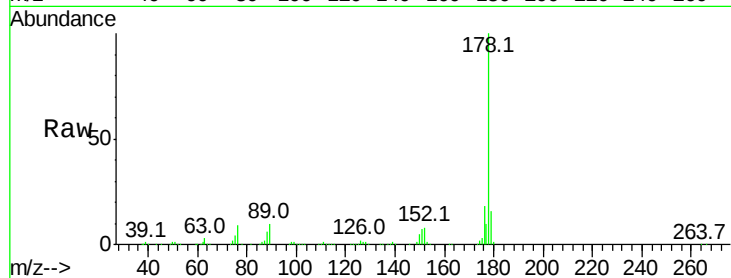




#71
 Anthracene
 Concen: 45.78 ng
 RT: 14.73 min Scan# 2234
 Delta R.T. -0.05 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

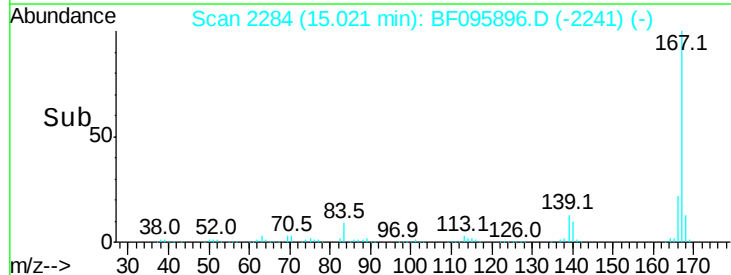
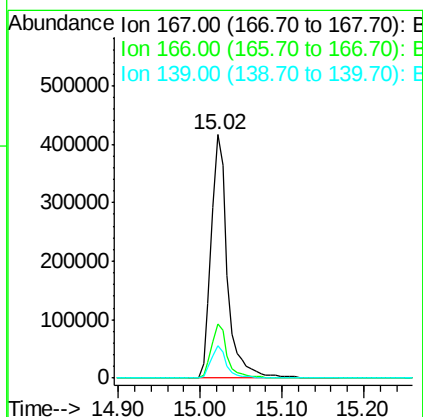
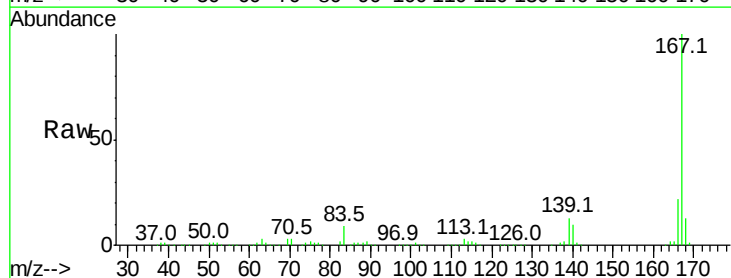
Instrument :
 BNA_F
 ClientSampleId :

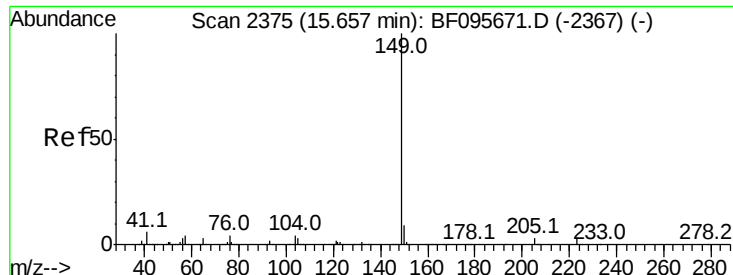
Tot Ion:178 Resp: 635508
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 42.84 ng
 RT: 15.02 min Scan# 2284
 Delta R.T. -0.05 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Tgt Ion:167 Resp: 579571
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.1 11.7 17.5

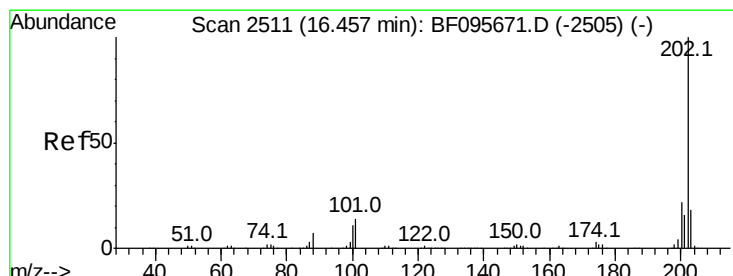
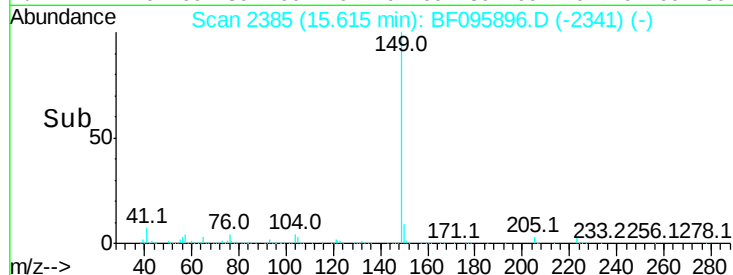
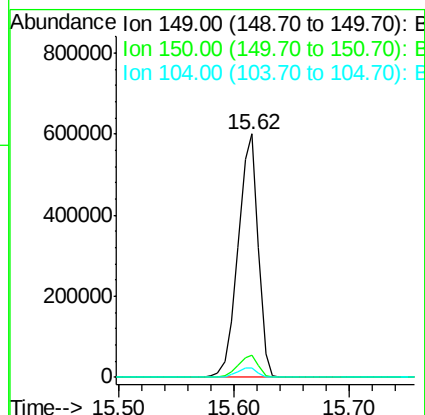
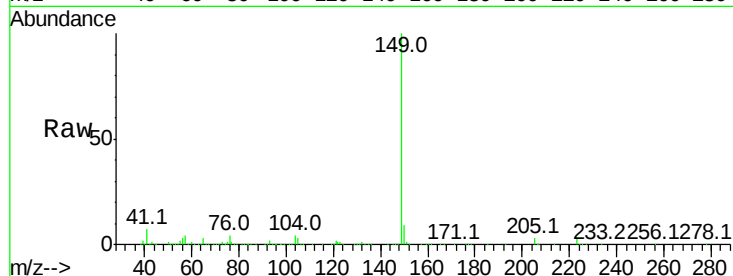




#73
Di-n-butylphthalate
Concen: 49.89 ng
RT: 15.62 min Scan# 2385
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

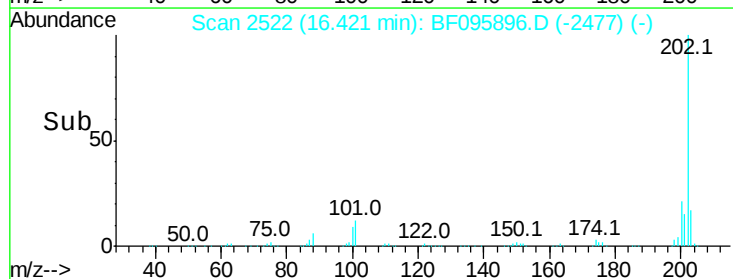
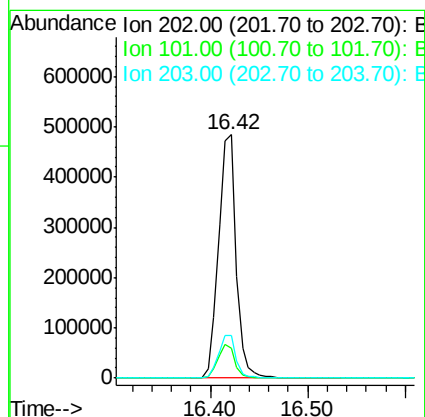
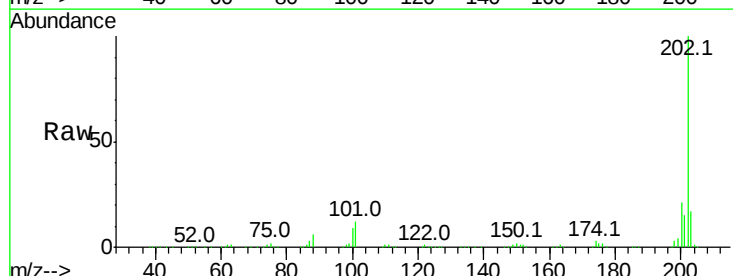
Instrument :
BNA_F
ClientSampleId :

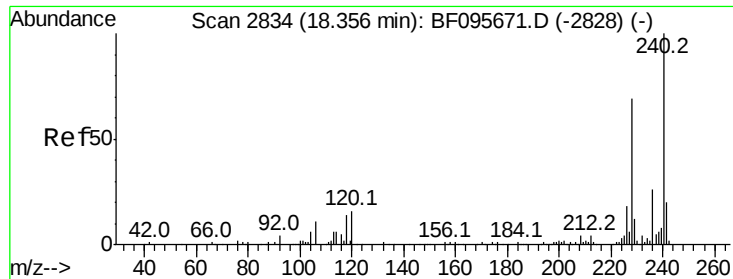
Tot Ion:149 Resp: 718065
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 46.01 ng
RT: 16.42 min Scan# 2522
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion:202 Resp: 605507
Ion Ratio Lower Upper
202 100
101 12.1 0.0 33.2
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.32 min Scan# 2845

Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :

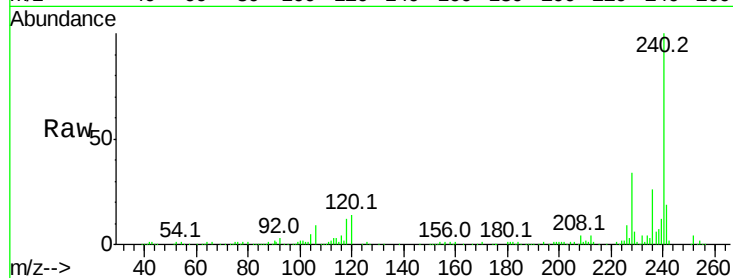
Tot Ion:240 Resp: 152333

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

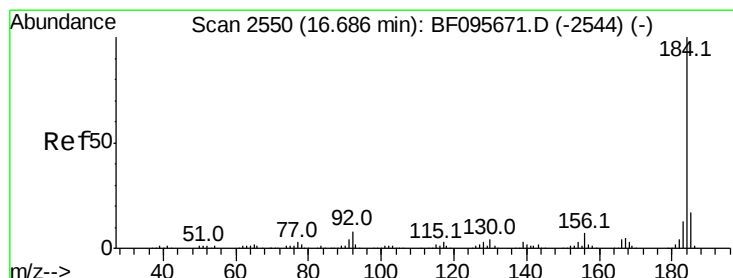
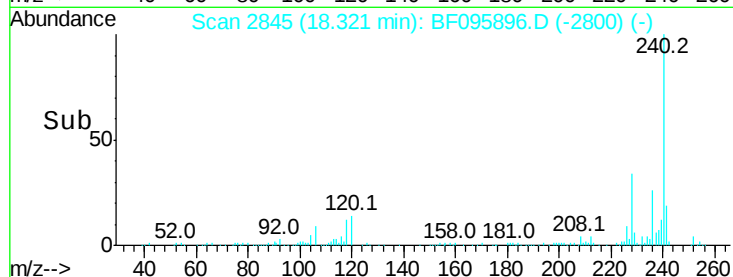
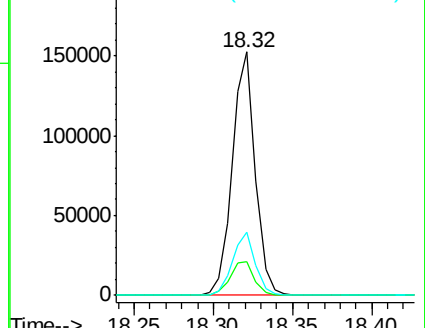
236 25.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 29.28 ng

RT: 16.65 min Scan# 2561

Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

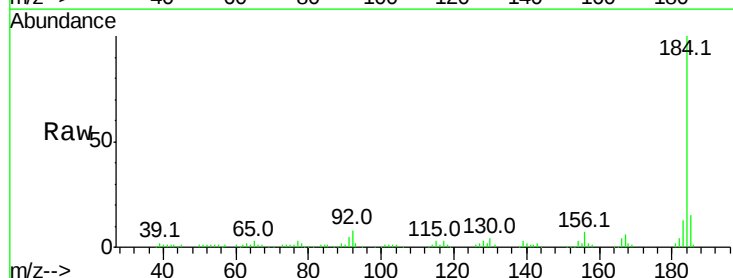
Tgt Ion:184 Resp: 171280

Ion Ratio Lower Upper

184 100

185 14.6 15.5 23.3#

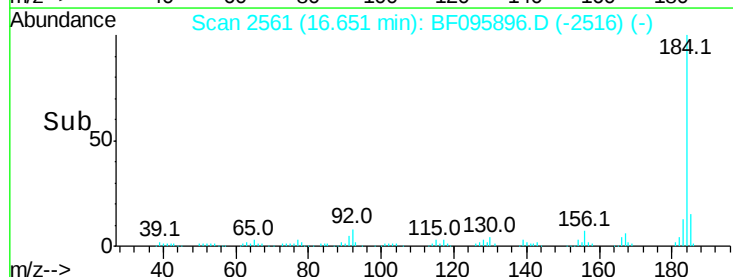
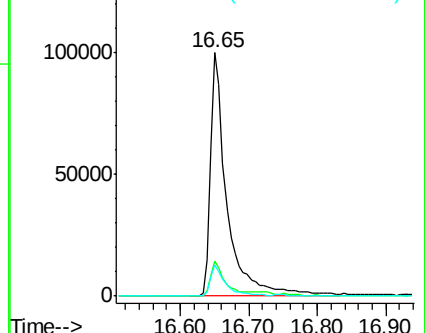
183 12.6 9.8 14.6

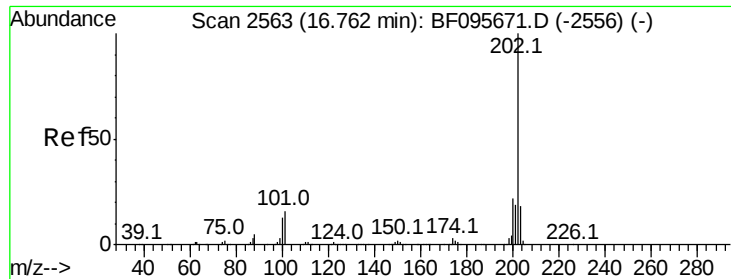


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 53.55 ng

RT: 16.72 min Scan# 2573

Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :

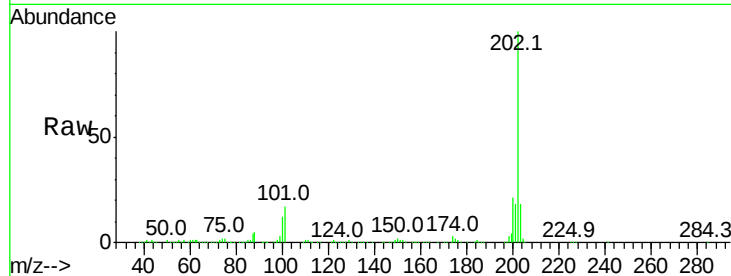
Tot Ion:202 Resp: 608654

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

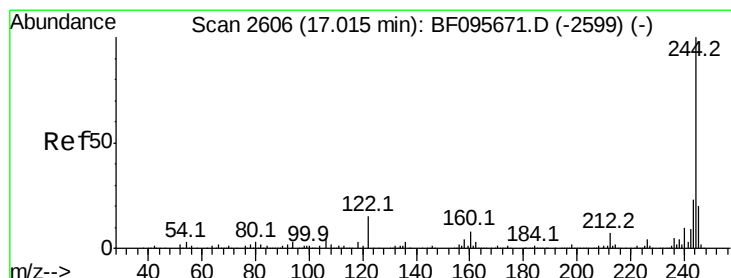
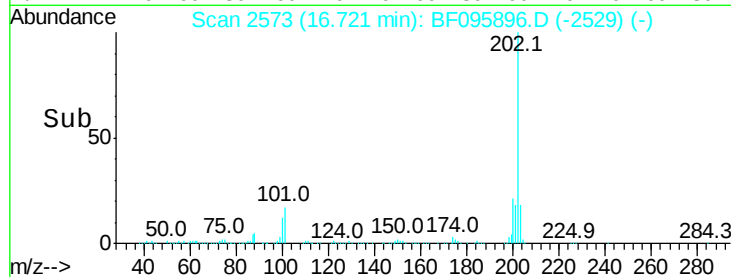
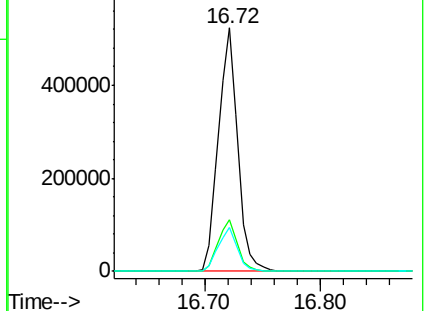
203 18.2 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 112.71 ng

RT: 16.97 min Scan# 2616

Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

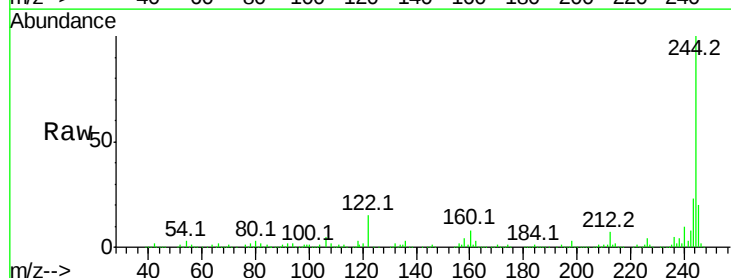
Tgt Ion:244 Resp: 691833

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

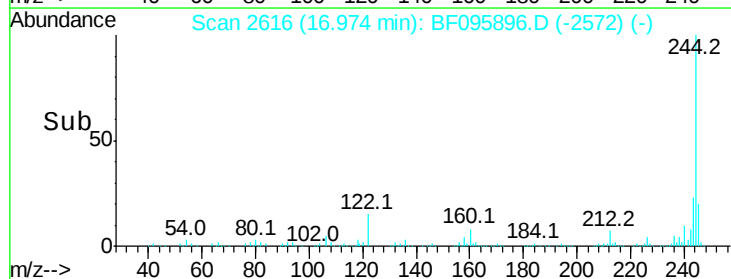
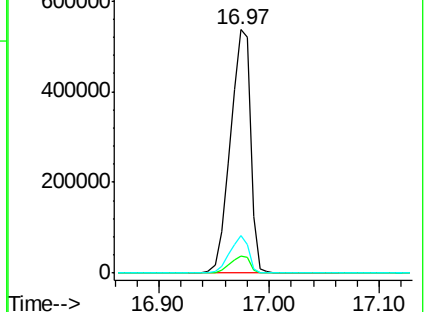
122 15.2 10.3 15.5

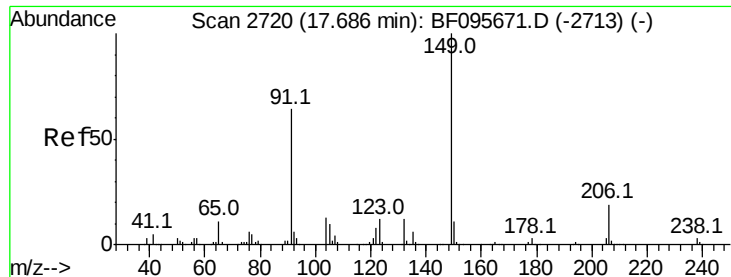


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

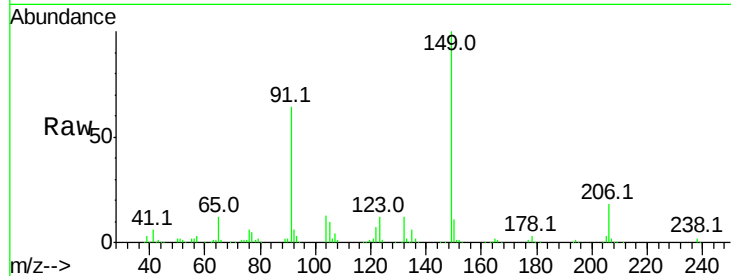




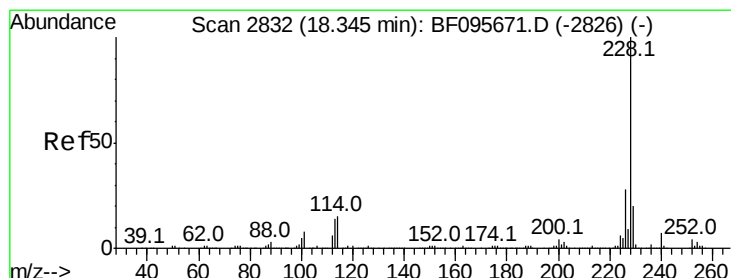
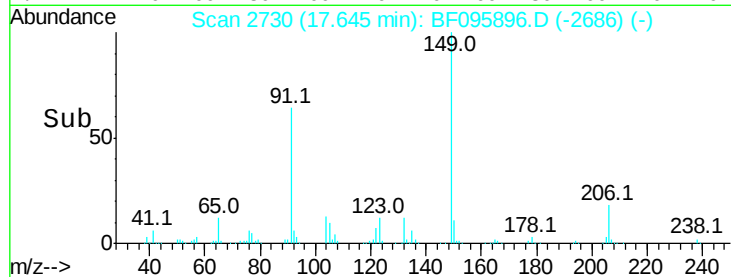
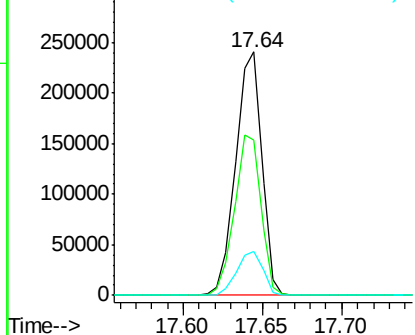
#79
Butylbenzylphthalate
Concen: 55.30 ng
RT: 17.64 min Scan# 2730
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 274514
Ion Ratio Lower Upper
149 100
91 63.6 45.0 67.4
206 18.3 17.0 25.6

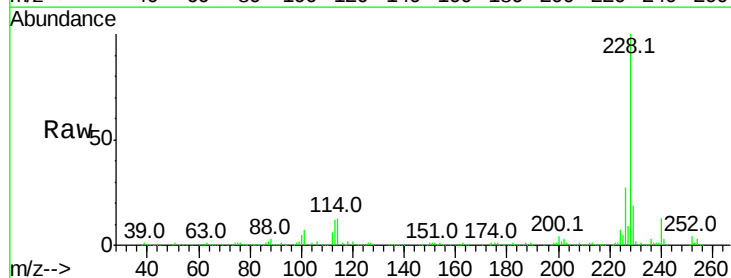


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E

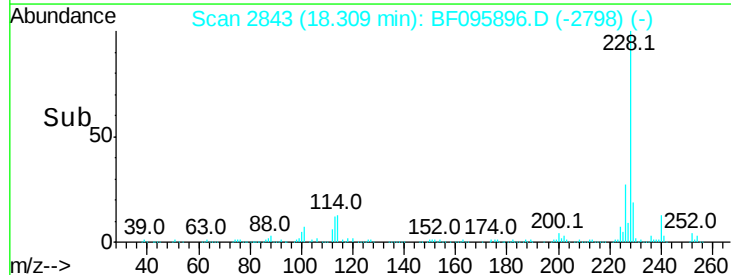
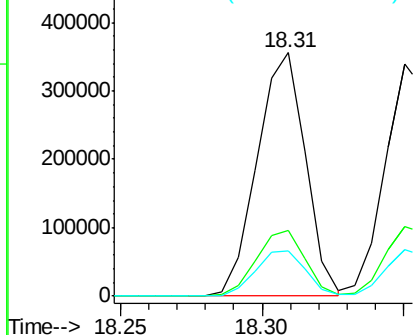


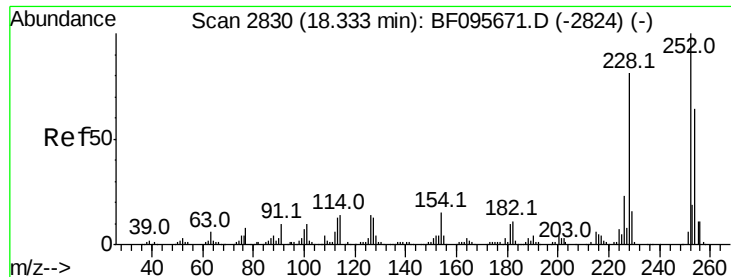
#80
Benzo(a)anthracene
Concen: 47.59 ng
RT: 18.31 min Scan# 2843
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion:228 Resp: 421481
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 18.8 16.3 24.5



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

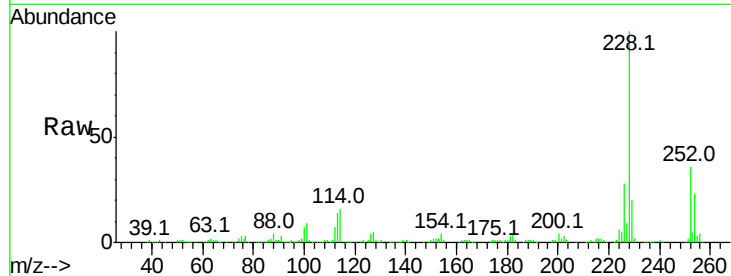




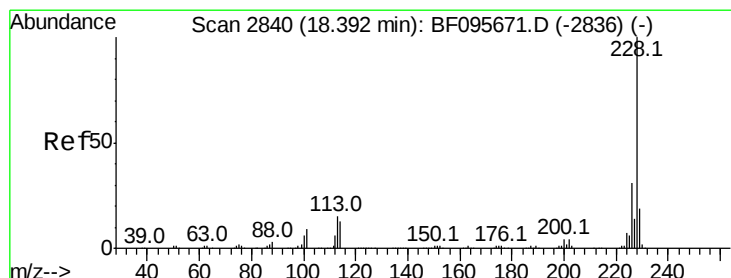
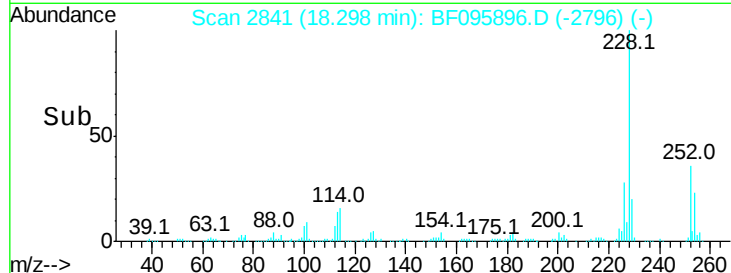
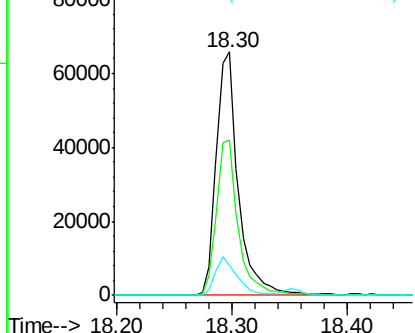
#81
 3,3'-Dichlorobenzidine
 Concen: 27.81 ng
 RT: 18.30 min Scan# 2841
 Delta R.T. -0.04 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 87560
 Ion Ratio Lower Upper
 252 100
 254 64.0 51.5 77.3
 126 12.5 15.8 23.8#

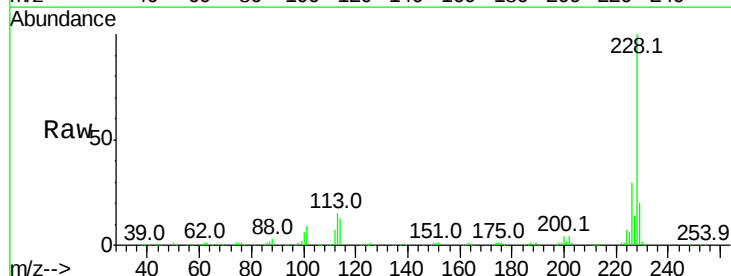


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

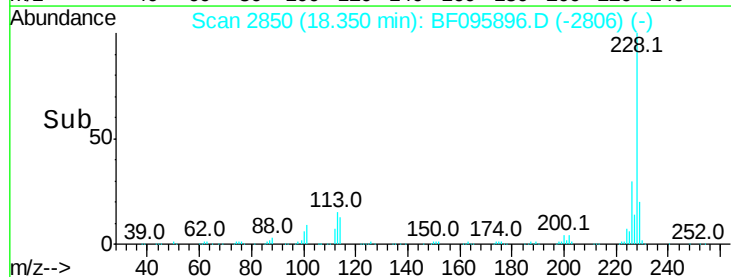
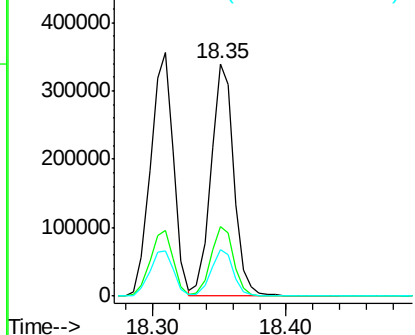


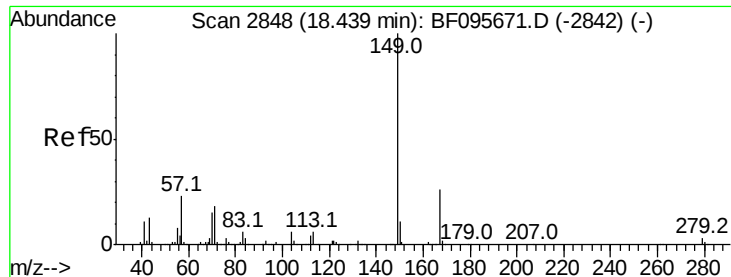
#82
 Chrysene
 Concen: 45.98 ng
 RT: 18.35 min Scan# 2850
 Delta R.T. -0.04 min
 Lab File: BF095896.D
 Acq: 13 Jun 2017 16:22

Tgt Ion:228 Resp: 406983
 Ion Ratio Lower Upper
 228 100
 226 30.1 24.9 37.3
 229 20.0 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: 54.28 ng

RT: 18.39 min Scan# 2857

Delta R.T. -0.05 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :

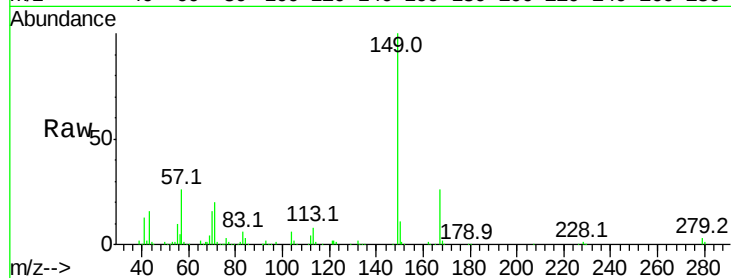
Tot Ion:149 Resp: 380113

Ion Ratio Lower Upper

149 100

167 25.9 21.0 31.4

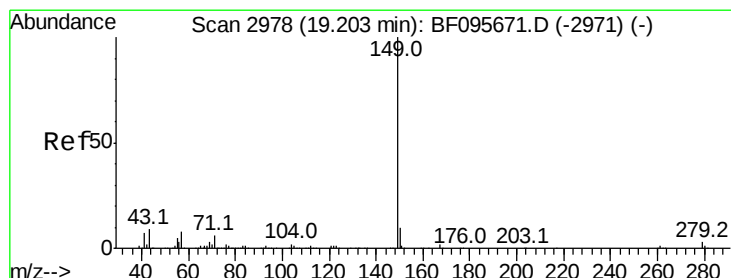
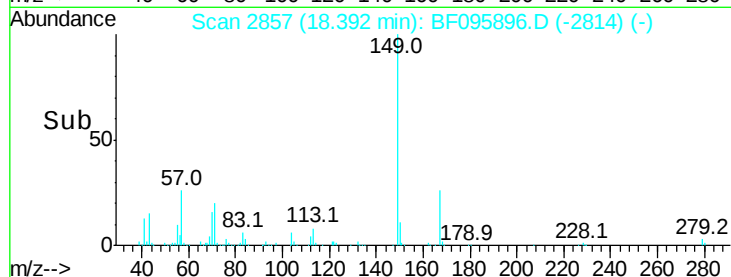
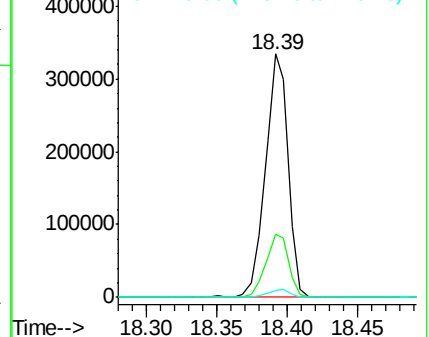
279 2.7 1.9 2.9



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 47.06 ng

RT: 19.16 min Scan# 2988

Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

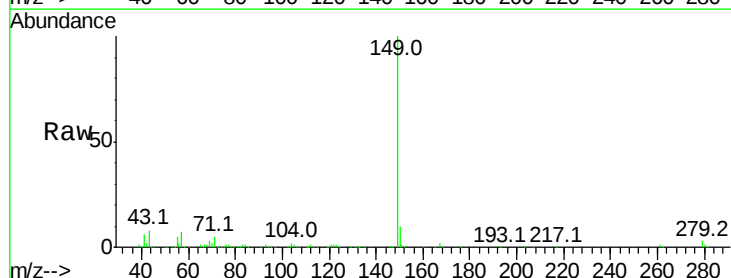
Tgt Ion:149 Resp: 542991

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

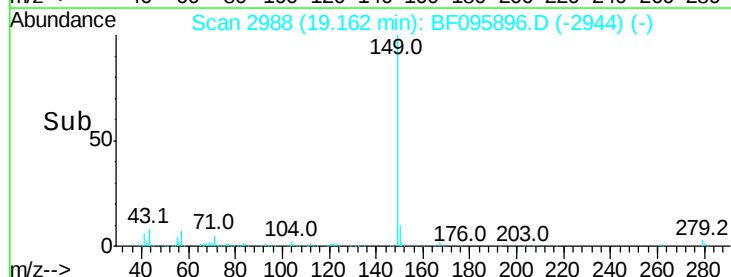
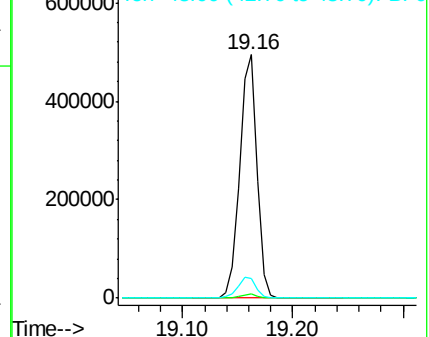
43 8.5 8.5 12.7

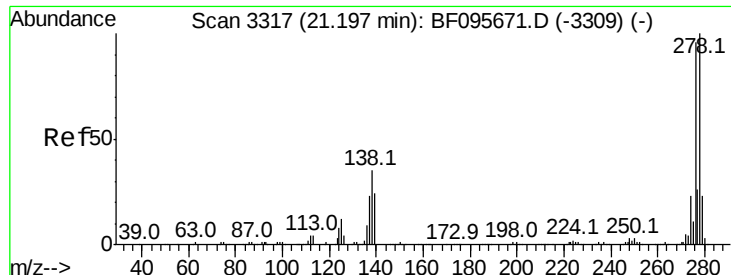


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

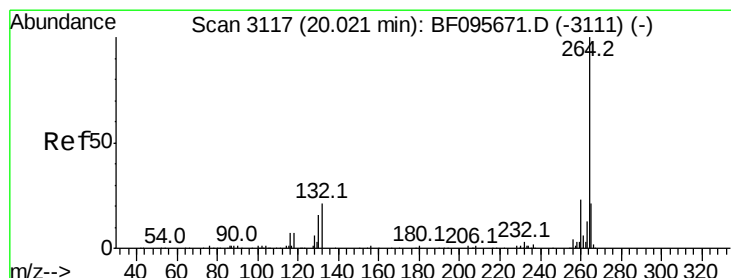
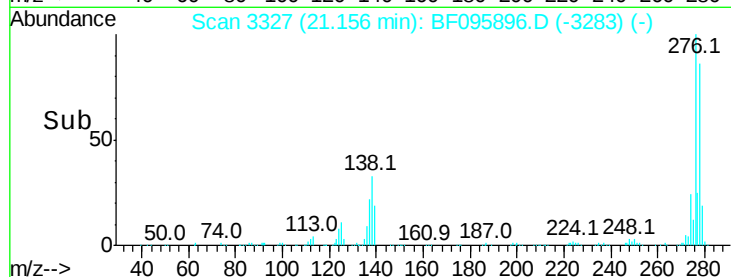
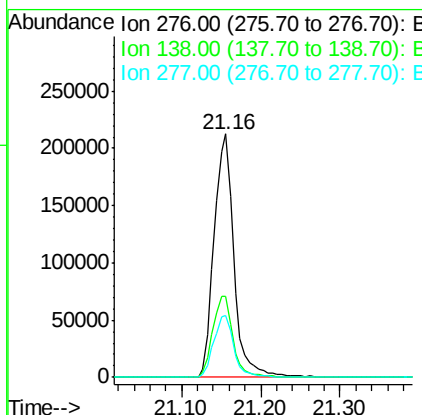
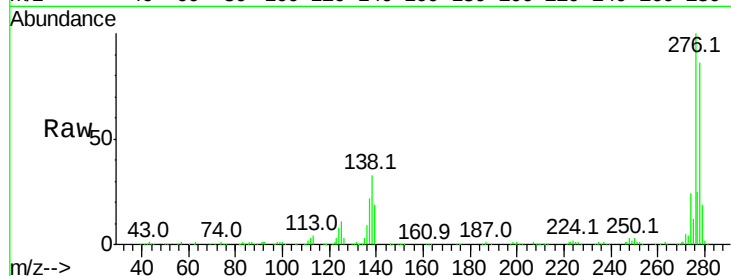




#85
Indeno(1,2,3-cd)pyrene
Concen: 48.81 ng
RT: 21.16 min Scan# 3327
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

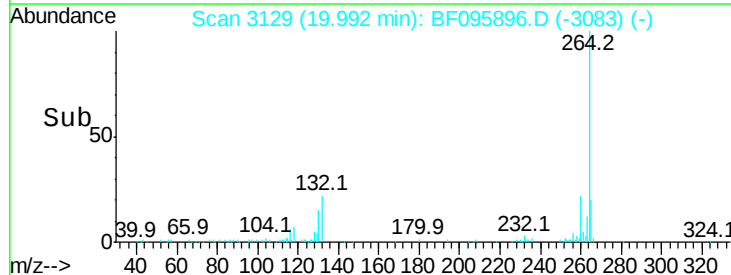
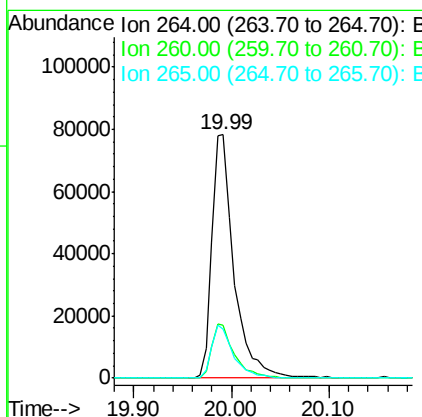
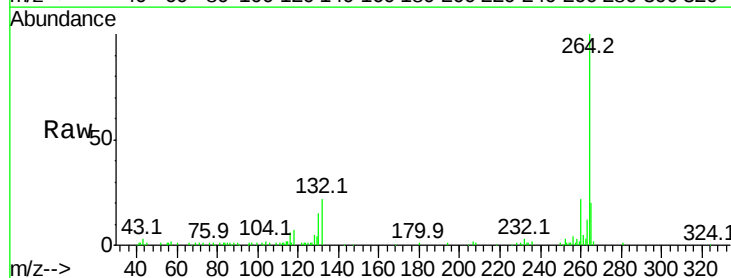
Instrument :
BNA_F
ClientSampleId :

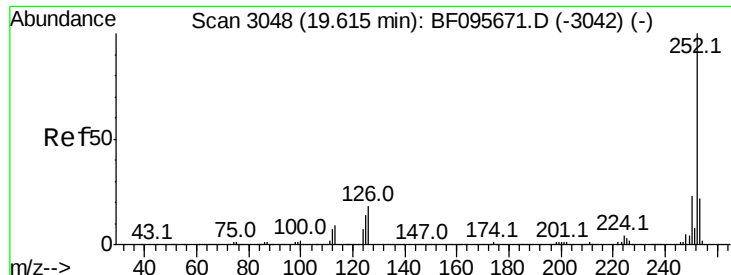
Tot Ion:276 Resp: 369655
Ion Ratio Lower Upper
276 100
138 34.6 27.8 41.6
277 25.7 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 19.99 min Scan# 3129
Delta R.T. -0.03 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion:264 Resp: 122658
Ion Ratio Lower Upper
264 100
260 21.9 19.5 29.3
265 20.2 17.2 25.8

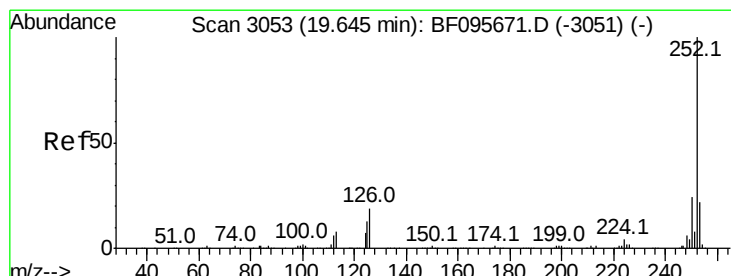
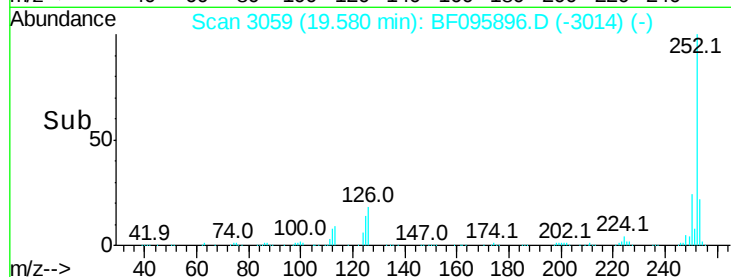
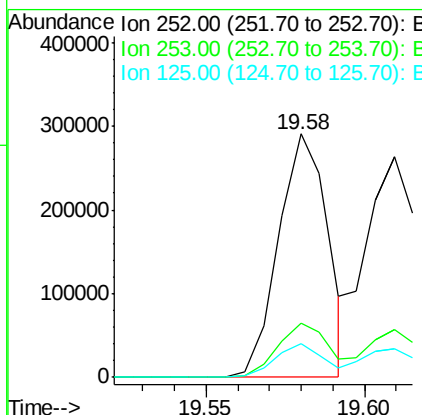
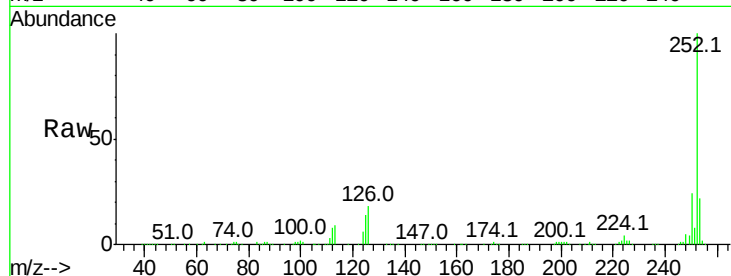




#87
Benzo(b)fluoranthene
Concen: 41.07 ng
RT: 19.58 min Scan# 3059
Delta R.T. -0.04 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

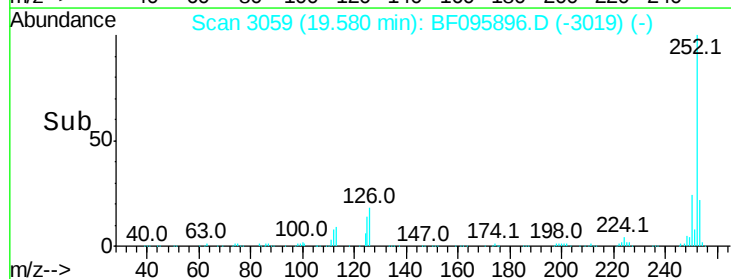
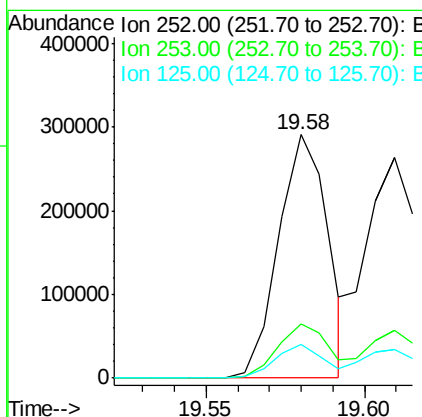
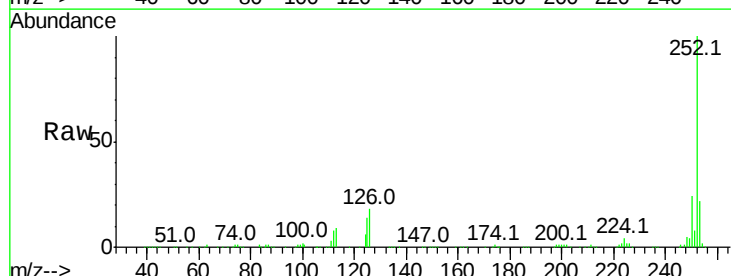
Instrument :
BNA_F
ClientSampleId :

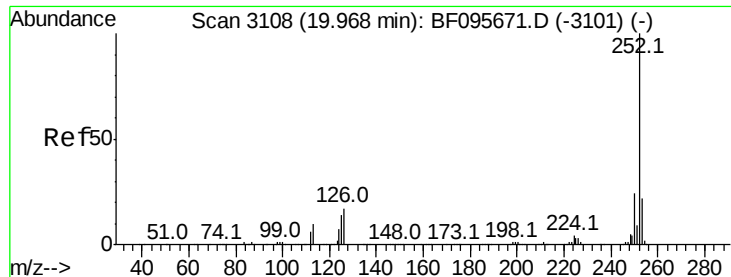
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	13.7	9.8	14.8



#88
Benzo(k)fluoranthene
Concen: 42.96 ng
RT: 19.58 min Scan# 3059
Delta R.T. -0.06 min
Lab File: BF095896.D
Acq: 13 Jun 2017 16:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	13.7	13.1	19.7





#89

Benzo(a)pyrene

Concen: 45.78 ng

RT: 19.93 min Scan# 3119

Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :

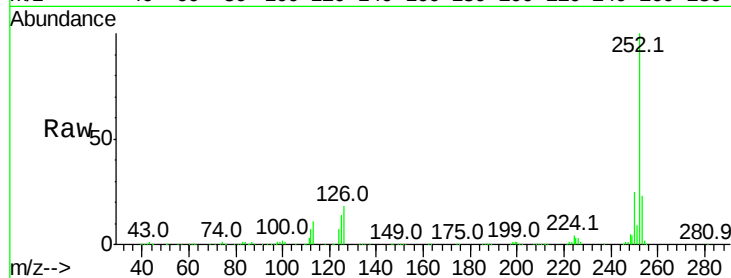
Tot Ion:252 Resp: 323161

Ion Ratio Lower Upper

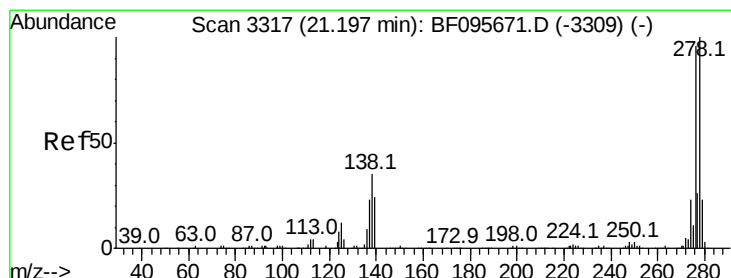
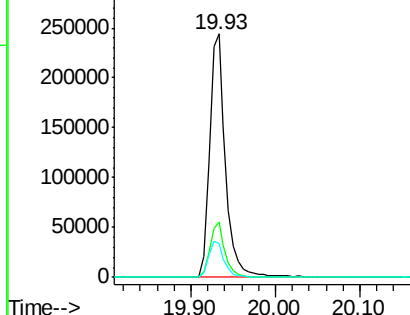
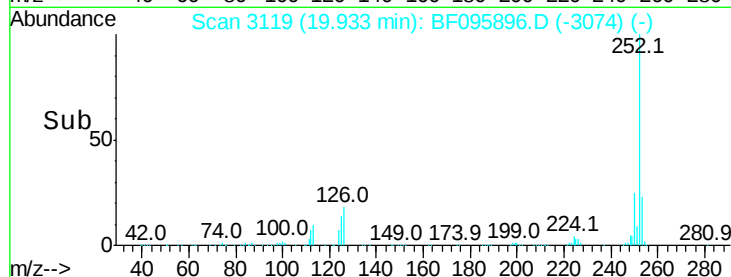
252 100

253 22.9 17.5 26.3

125 13.9 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 52.32 ng

RT: 21.16 min Scan# 3327

Delta R.T. -0.04 min

Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

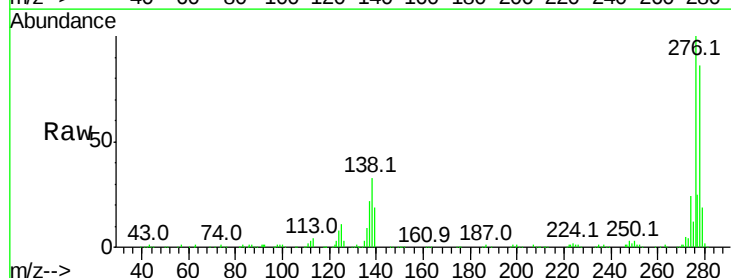
Tgt Ion:278 Resp: 313312

Ion Ratio Lower Upper

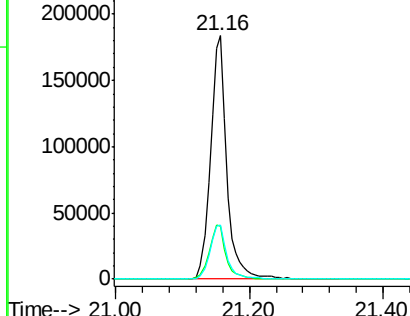
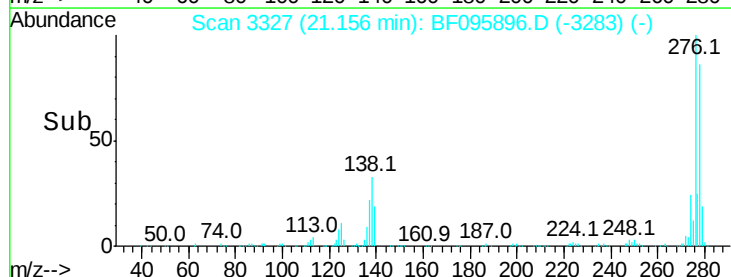
278 100

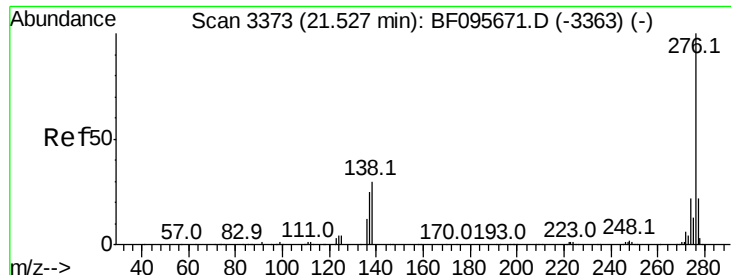
139 21.8 16.6 24.8

279 22.2 19.3 28.9



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





#91

Benzo(a,h,i)perylene

Concen: 53.27 ng

RT: 21.48 min Scan# 3382

Delta R.T. -0.05 min

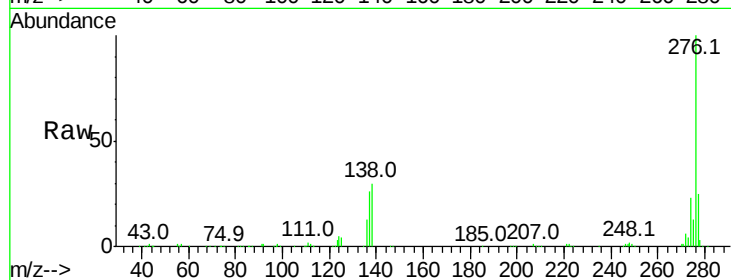
Lab File: BF095896.D

Acq: 13 Jun 2017 16:22

Instrument :

BNA_F

ClientSampleId :



Tot Ion: 276 Resp: 325177

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 29.7 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

