

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095308.D
 Acq On : 22 May 2017 12:00
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 22 13:21:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	95403	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	352857	20.00	ng	-0.01
38) Acenaphthene-d10	12.61	164	169773	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	295889	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	234540	20.00	ng	-0.01
86) Perylene-d12	20.36	264	179323	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	435529	76.11	ng	0.00
7) Phenol-d6	7.30	99	550279	80.15	ng	-0.01
23) Nitrobenzene-d5	8.67	82	487935	87.20	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	111814	80.42	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	913259	77.43	ng	-0.01
78) Terphenyl-d14	17.33	244	864342	81.17	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.22	88	95111	33.89	ng	94
3) Pyridine	2.93	79	204308	31.41	ng	96
4) n-Nitrosodimethylamine	2.85	42	83078	30.64	ng	83
6) Aniline	7.27	93	369676	42.65	ng	95
8) 2-Chlorophenol	7.45	128	265471	40.76	ng	95
9) Benzaldehyde	7.09	77	145631	34.74	ng	95
10) Phenol	7.32	94	309812	42.82	ng	92
11) bis(2-Chloroethyl)ether	7.40	93	236800	39.65	ng	96
12) 1,3-Dichlorobenzene	7.66	146	299244	40.50	ng	99
13) 1,4-Dichlorobenzene	7.78	146	306374	40.89	ng	95
14) 1,2-Dichlorobenzene	8.02	146	287784	41.15	ng	95
15) Benzyl Alcohol	8.05	79	190300	43.09	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.24	45	333788	39.48	ng	79
17) 2-Methylphenol	8.25	107	221823	41.62	ng	94
18) Hexachloroethane	8.53	117	100171	39.47	ng	# 86
19) n-Nitroso-di-n-propylamine	8.47	70	186425	40.15	ng	94
20) 3+4-Methylphenols	8.52	107	287866	39.74	ng	# 60
22) Acetophenone	8.44	105	365368	43.16	ng	# 84
24) Nitrobenzene	8.69	77	255044	43.48	ng	93
25) Isophorone	9.10	82	444987	44.54	ng	95
26) 2-Nitrophenol	9.20	139	144374	45.62	ng	96
27) 2,4-Dimethylphenol	9.33	122	220205	43.03	ng	97
28) bis(2-Chloroethoxy)methane	9.45	93	290987	42.10	ng	99
29) 2,4-Dichlorophenol	9.62	162	197325	40.84	ng	98
30) 1,2,4-Trichlorobenzene	9.70	180	218052	42.13	ng	99
31) Naphthalene	9.81	128	733396	41.35	ng	99
32) Benzoic acid	9.66	122	105976	33.29	ng	94
33) 4-Chloroaniline	9.95	127	296497	44.86	ng	# 92
34) Hexachlorobutadiene	10.02	225	112837	41.31	ng	97
35) Caprolactam	10.58	113	43630	30.07	ng	# 84
36) 4-Chloro-3-methylphenol	10.81	107	221570	42.89	ng	90
37) 2-Methylnaphthalene	10.94	142	493194	42.37	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	208002	39.84	ng	99
40) Hexachlorocyclopentadiene	11.18	237	90704	44.25	ng	97

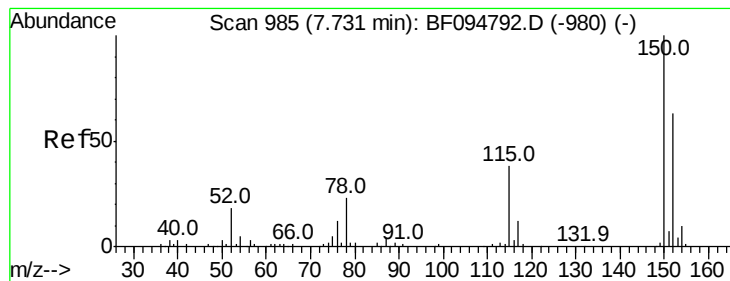
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095308.D
 Acq On : 22 May 2017 12:00
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 22 13:21:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	137550	39.46	nq	99
43) 2,4,5-Trichlorophenol	11.54	196	133567	35.65	nq	# 93
45) 1,1'-Biphenyl	11.70	154	563272	39.41	nq	97
46) 2-Chloronaphthalene	11.72	162	460078	39.86	nq	96
47) 2-Nitroaniline	11.94	65	128951	40.82	nq	# 73
48) Acenaphthylene	12.38	152	711003	39.33	nq	98
49) Dimethylphthalate	12.25	163	500174	35.89	nq	99
50) 2,6-Dinitrotoluene	12.35	165	112246	39.48	nq	97
51) Acenaphthene	12.66	154	422968	39.17	nq	97
52) 3-Nitroaniline	12.62	138	122485	40.13	nq	93
53) 2,4-Dinitrophenol	12.85	184	50356	35.89	nq	# 65
54) Dibenzofuran	12.95	168	594902	39.81	nq	98
55) 4-Nitrophenol	13.05	139	50902	27.77	nq	# 78
56) 2,4-Dinitrotoluene	13.02	165	154607	42.32	nq	# 94
57) Fluorene	13.50	166	499569	38.45	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.20	232	90870	38.54	nq	# 95
59) Diethylphthalate	13.40	149	517411	38.73	nq	99
60) 4-Chlorophenyl-phenylether	13.52	204	222427	38.95	nq	91
61) 4-Nitroaniline	13.62	138	81930	29.24	nq	96
62) Azobenzene	13.78	77	385170	35.88	nq	92
64) 4,6-Dinitro-2-methylphenol	13.69	198	72043	36.32	nq	# 72
65) n-Nitrosodiphenylamine	13.73	169	395027	36.78	nq	98
66) 4-Bromophenyl-phenylether	14.31	248	123308	39.45	nq	95
67) Hexachlorobenzene	14.40	284	126915	39.62	nq	# 90
68) Atrazine	14.65	200	118132	38.96	nq	98
69) Pentachlorophenol	14.77	266	48368	36.81	nq	96
70) Phenanthrene	15.05	178	683900	40.23	nq	98
71) Anthracene	15.13	178	718335	41.36	nq	98
72) Carbazole	15.42	167	643606	40.73	nq	98
73) Di-n-butylphthalate	15.97	149	760698	38.61	nq	98
74) Fluoranthene	16.79	202	684910	39.27	nq	99
76) Benzidine	17.01	184	303301	47.84	nq	# 94
77) Pyrene	17.09	202	728597	41.54	nq	99
79) Butylbenzylphthalate	17.99	149	330600	40.52	nq	91
80) Benzo(a)anthracene	18.67	228	534995	39.19	nq	100
81) 3,3'-Dichlorobenzidine	18.65	252	173125	36.72	nq	# 97
82) Chrysene	18.71	228	525041	39.78	nq	98
83) Bis(2-ethylhexyl)phthalate	18.73	149	430334	37.02	nq	# 100
84) Di-n-octyl phthalate	19.49	149	703002	36.89	nq	95
85) Indeno(1,2,3-cd)pyrene	21.68	276	351602	32.80	nq	99
87) Benzo(b)fluoranthene	19.95	252	406063	36.65	nq	99
88) Benzo(k)fluoranthene	19.97	252	427587	40.00	nq	96
89) Benzo(a)pyrene	20.30	252	398041	38.93	nq	98
90) Dibenzo(a,h)anthracene	21.68	278	300879	35.63	nq	98
91) Benzo(g,h,i)perylene	22.07	276	316656	38.21	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.76 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

Instrument :

BNA_F

ClientSampleId :

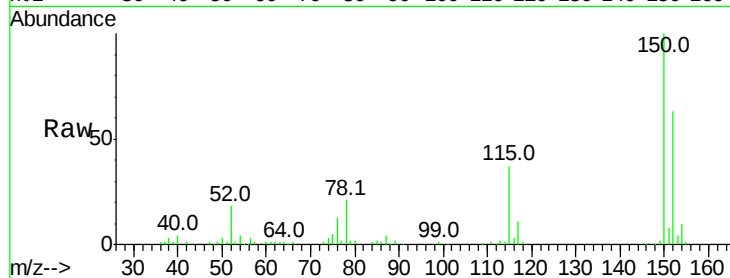
Tot Ion:152 Resp: 95403

Ion Ratio Lower Upper

152 100

150 158.1 126.2 189.2

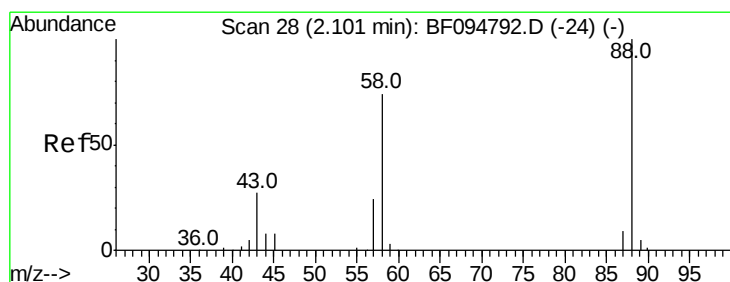
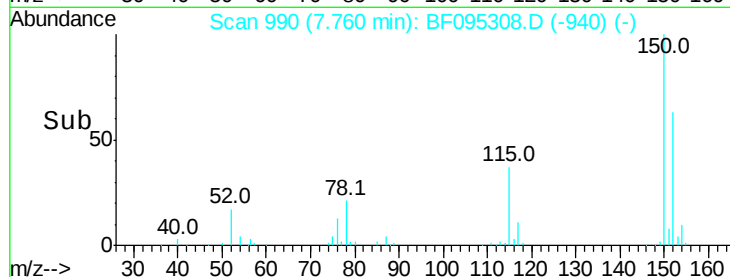
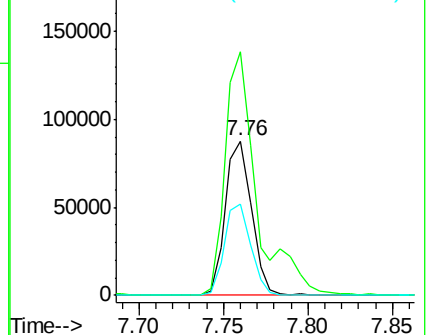
115 59.3 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.89 ng

RT: 2.22 min Scan# 48

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

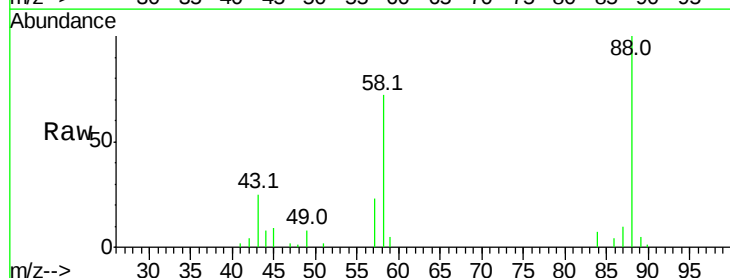
Tgt Ion: 88 Resp: 95111

Ion Ratio Lower Upper

88 100

58 71.3 61.4 92.0

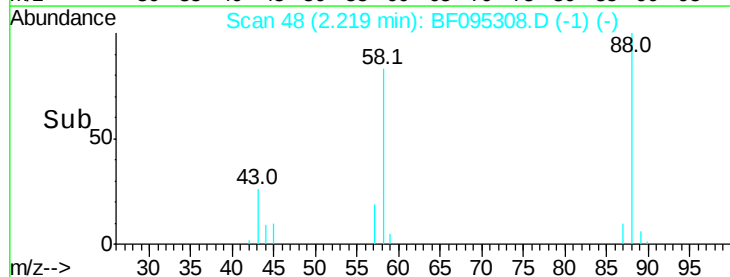
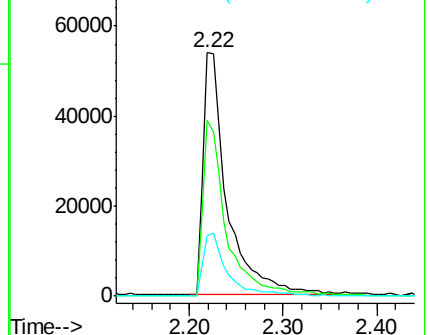
43 26.7 23.4 35.0

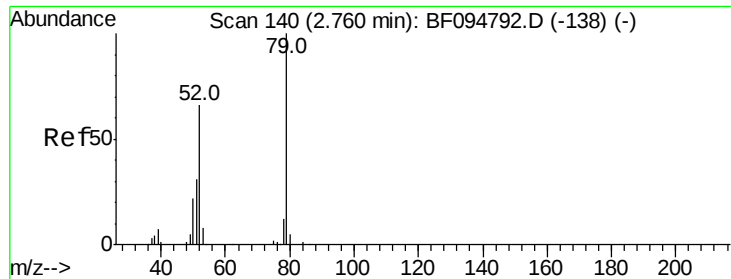


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

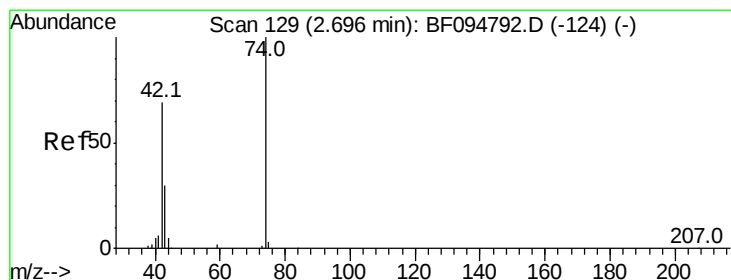
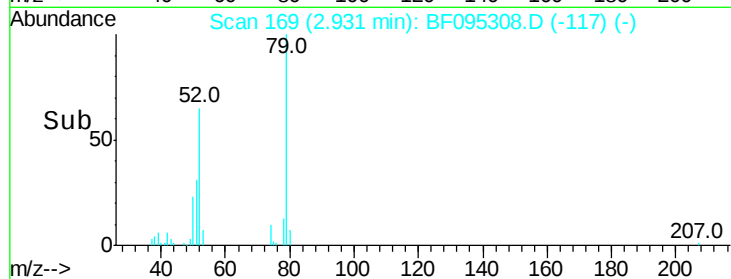
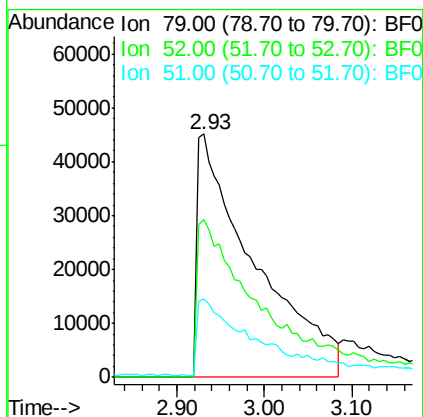
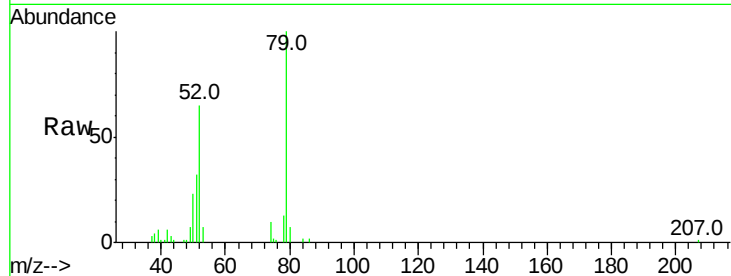




#3
 Pvridine
 Concen: 31.41 ng
 RT: 2.93 min Scan# 169
 Delta R.T. 0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

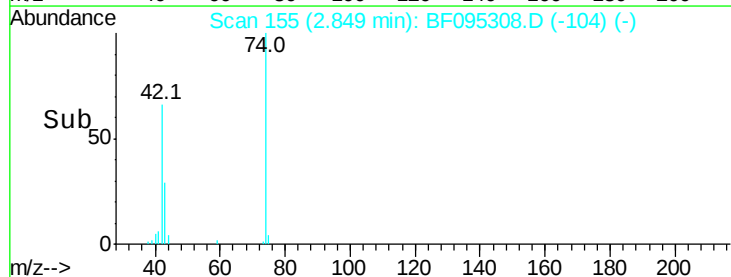
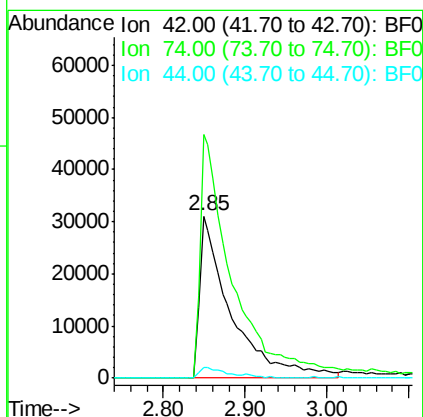
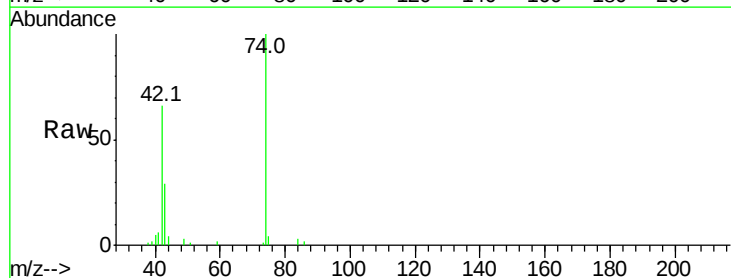
Instrument :
 BNA_F
 ClientSampleId :

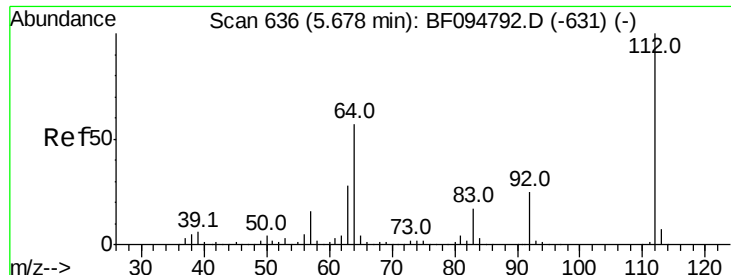
Tot Ion: 79 Resp: 204308
 Ion Ratio Lower Upper
 79 100
 52 64.7 54.8 82.2
 51 32.1 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 30.64 ng
 RT: 2.85 min Scan# 155
 Delta R.T. 0.00 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Tgt Ion: 42 Resp: 83078
 Ion Ratio Lower Upper
 42 100
 74 150.6 103.9 155.9
 44 6.7 5.7 8.5





#5

2-Fluorophenol

Concen: 76.11 ng

RT: 5.73 min Scan# 645

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

Instrument :

BNA_F

ClientSampleId :

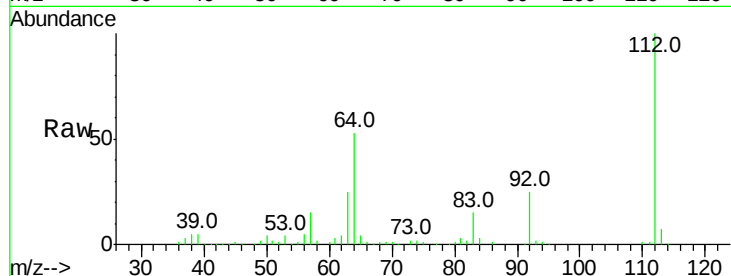
Tot Ion:112 Resp: 435529

Ion Ratio Lower Upper

112 100

64 53.1 46.0 69.0

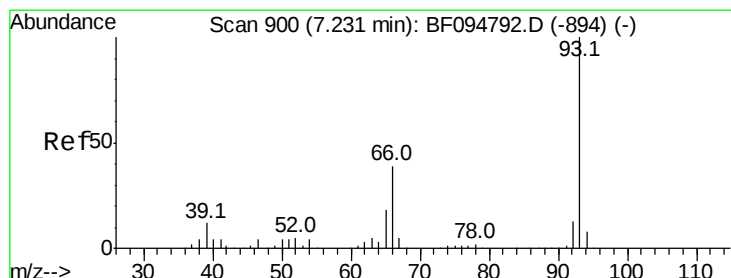
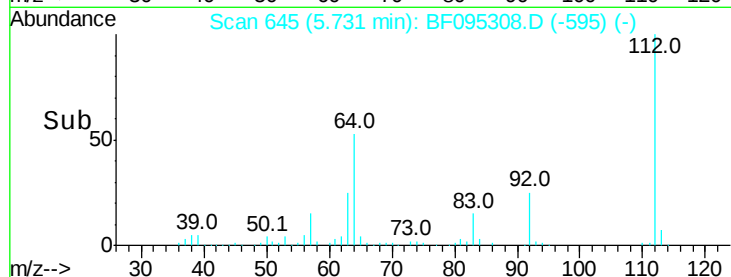
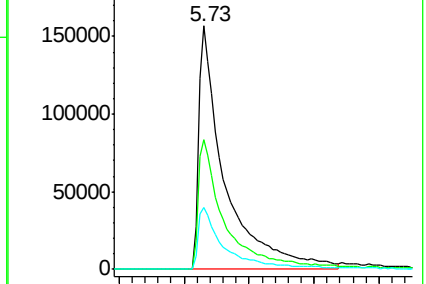
63 25.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 42.65 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

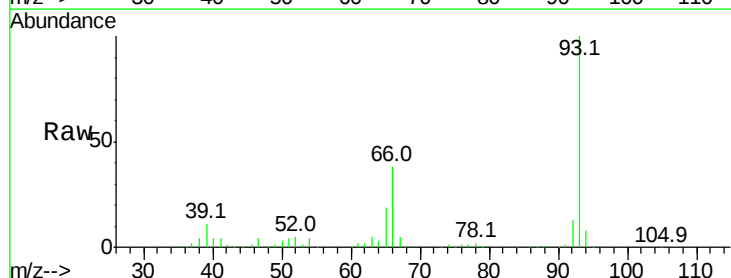
Tgt Ion: 93 Resp: 369676

Ion Ratio Lower Upper

93 100

66 37.6 32.9 49.3

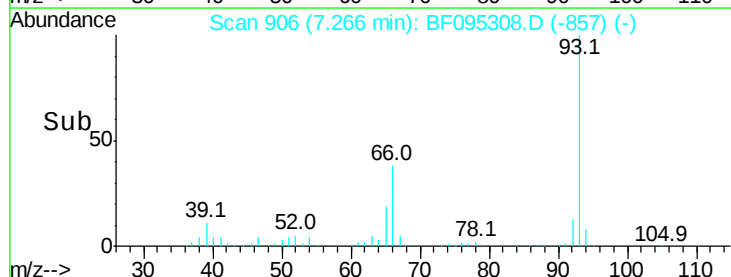
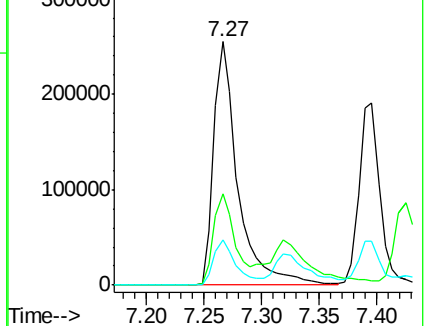
65 18.7 16.0 24.0

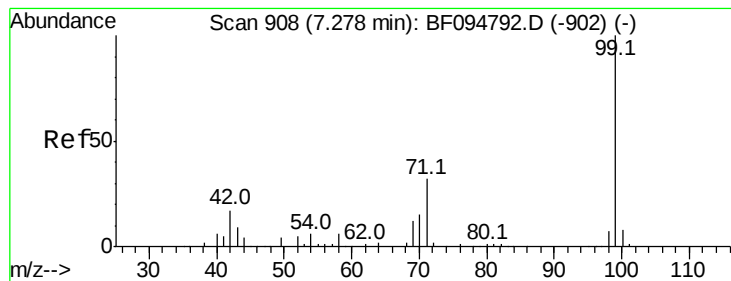


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.15 ng

RT: 7.30 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

Instrument :

BNA_F

ClientSampled :

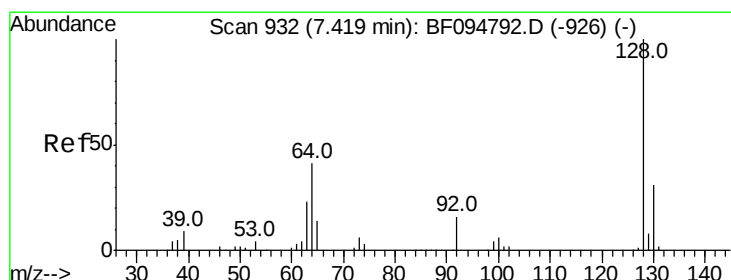
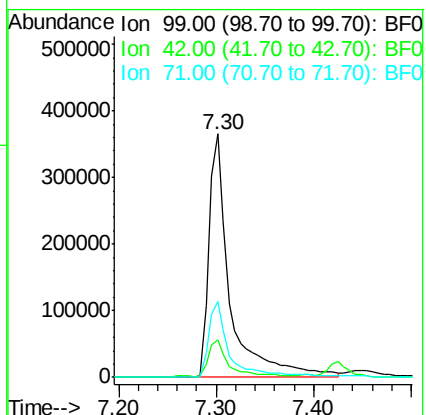
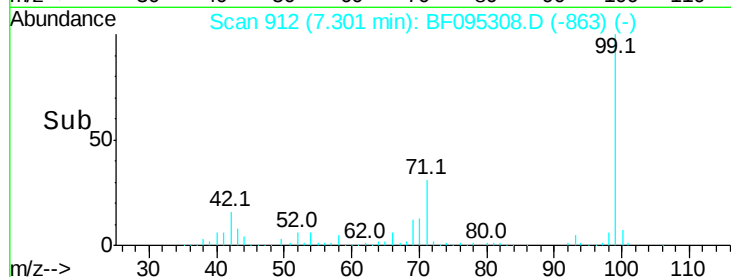
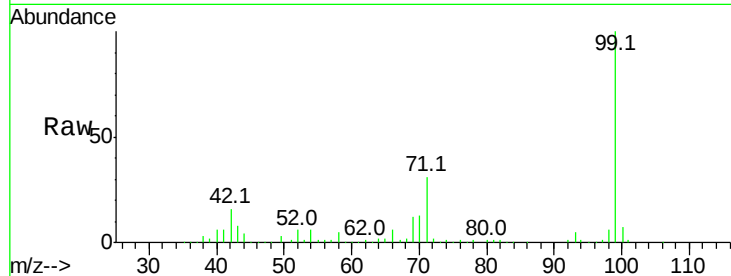
Tot Ion: 99 Resp: 550279

Ion Ratio Lower Upper

99 100

42 15.6 13.5 20.3

71 31.3 24.5 36.7



#8

2-Chlorophenol

Concen: 40.76 ng

RT: 7.45 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

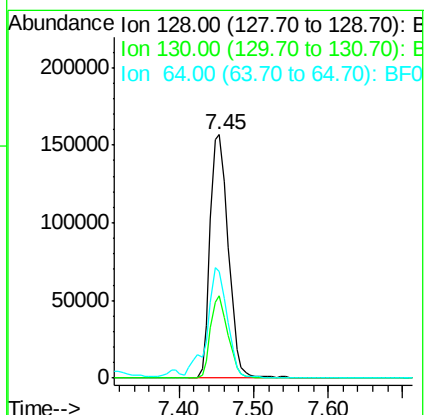
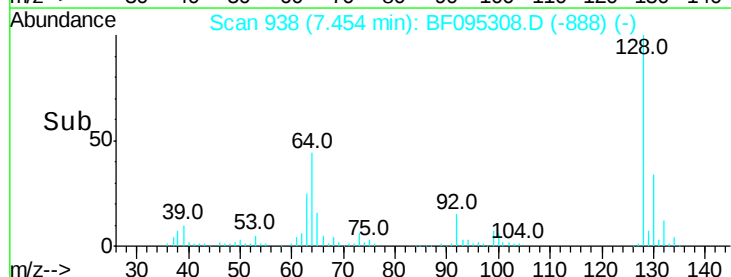
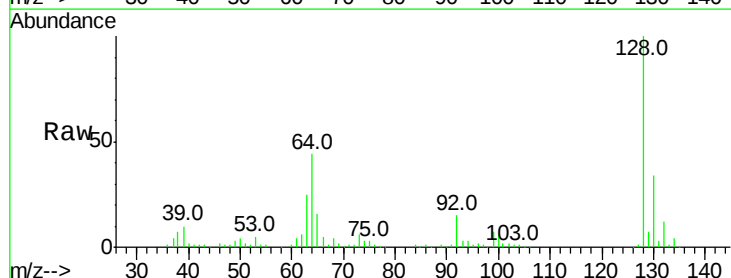
Tgt Ion: 128 Resp: 265471

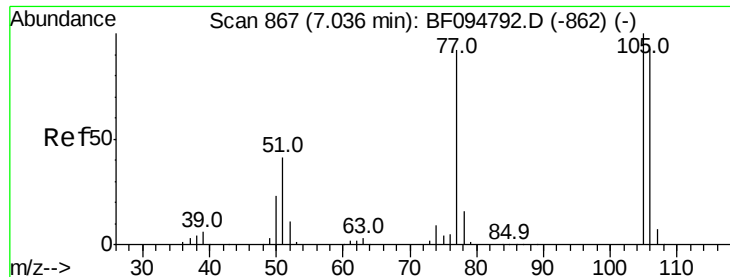
Ion Ratio Lower Upper

128 100

130 33.7 12.9 52.9

64 43.9 28.4 68.4

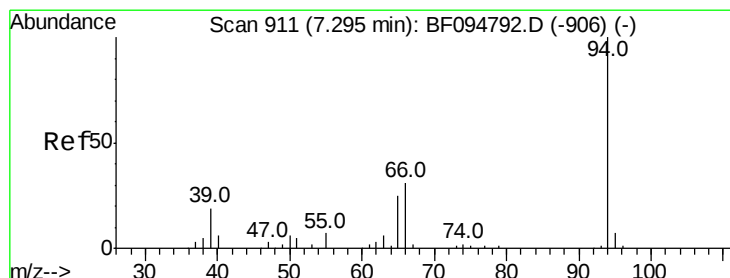
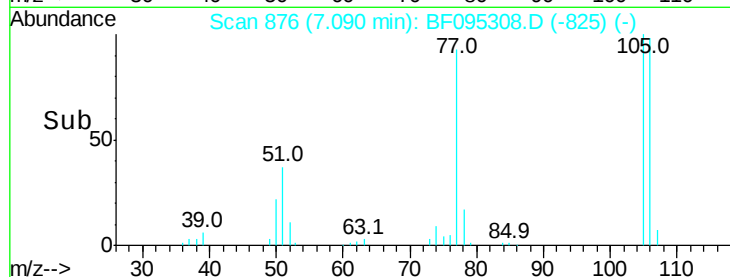
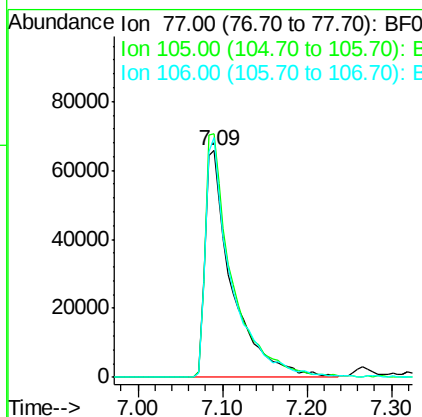
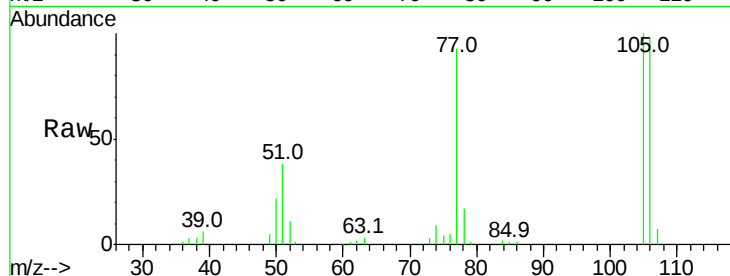




#9
Benzaldehyde
Concen: 34.74 ng
RT: 7.09 min Scan# 876
Delta R.T. 0.00 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

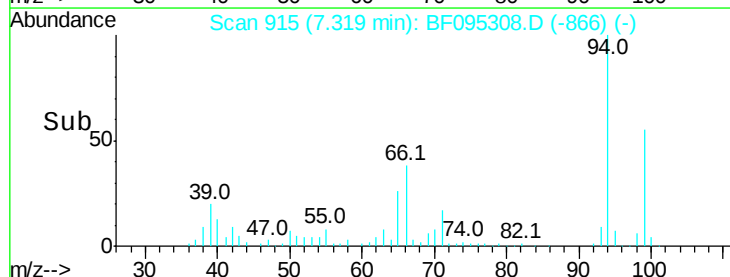
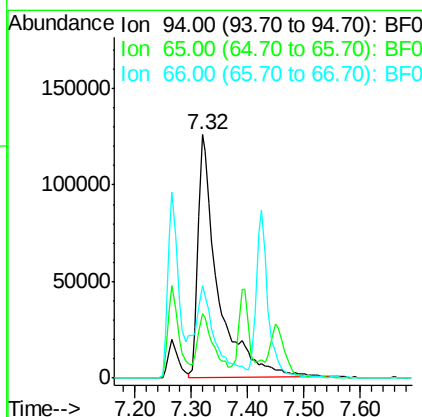
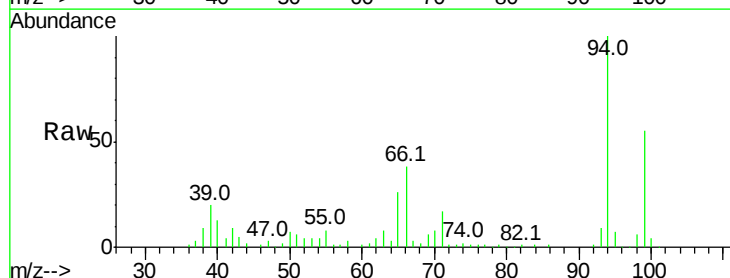
Instrument :
BNA_F
ClientSampled :

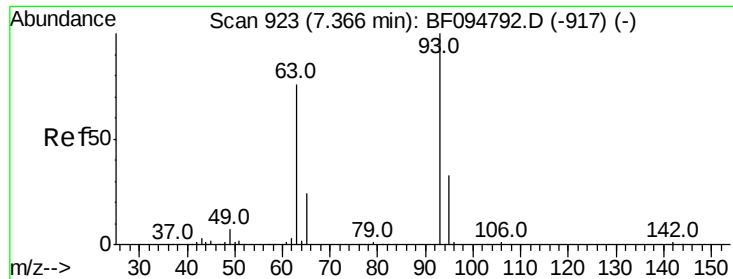
Tot Ion: 77 Resp: 145631
Ion Ratio Lower Upper
77 100
105 107.3 83.8 123.8
106 105.6 79.1 119.1



#10
Phenol
Concen: 42.82 ng
RT: 7.32 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

Tgt Ion: 94 Resp: 309812
Ion Ratio Lower Upper
94 100
65 26.2 9.9 49.9
66 38.0 23.1 63.1

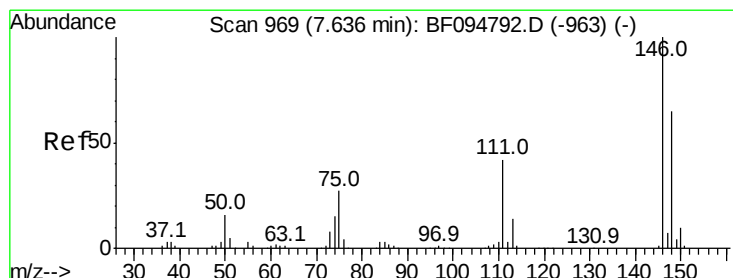
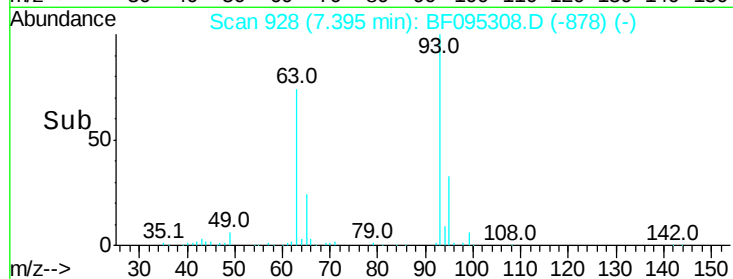
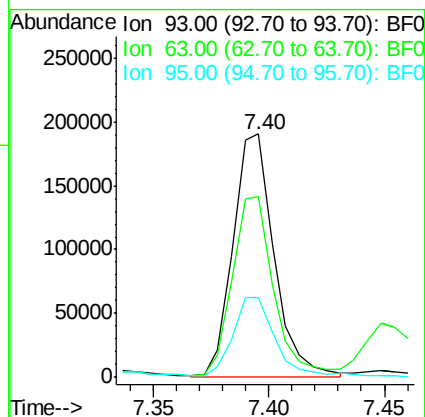
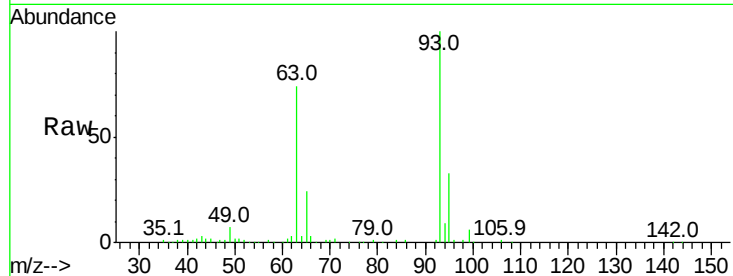




#11
bis(2-Chloroethyl)ether
Concen: 39.65 ng
RT: 7.40 min Scan# 928
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

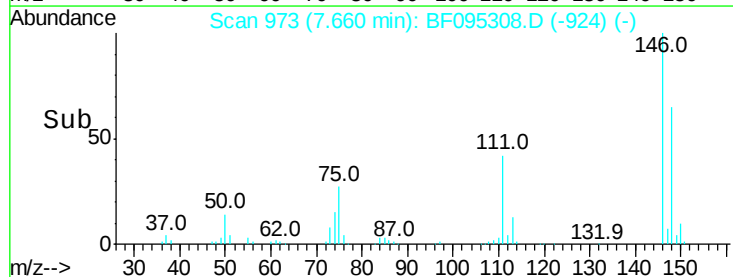
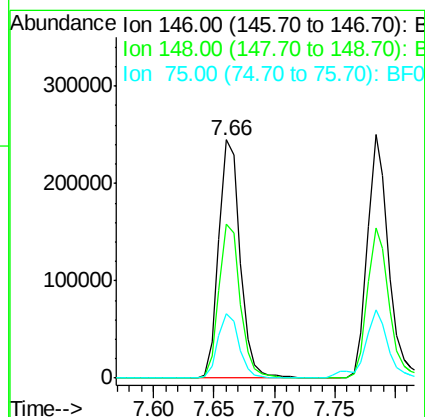
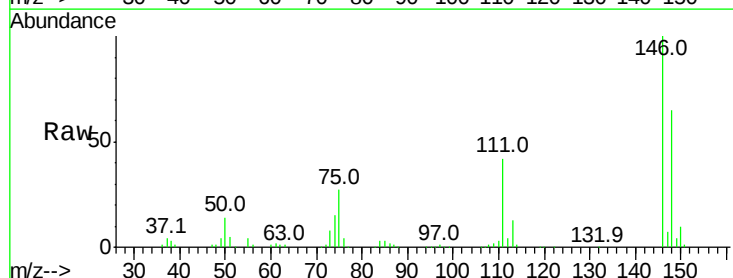
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 236800
Ion Ratio Lower Upper
93 100
63 74.5 59.2 99.2
95 32.9 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.50 ng
RT: 7.66 min Scan# 973
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

Tgt Ion: 146 Resp: 299244
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
75 27.3 23.1 34.7

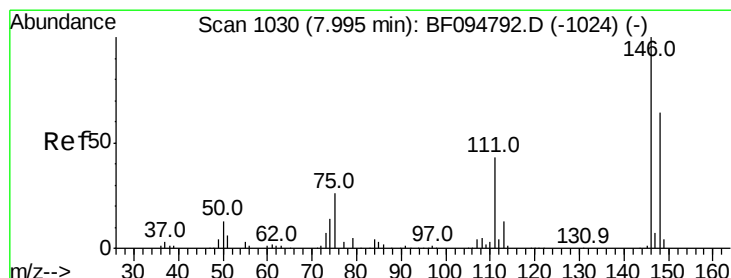
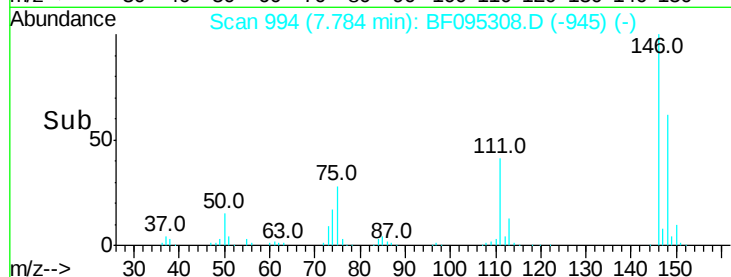
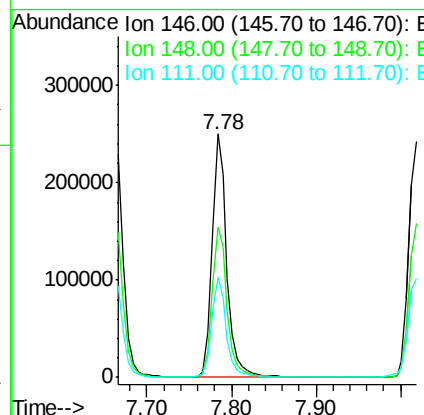
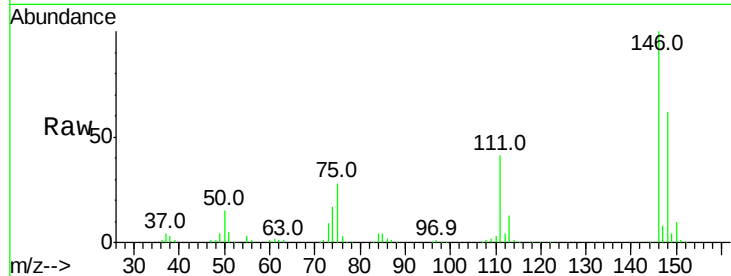




#13
 1,4-Dichlorobenzene
 Concen: 40.89 ng
 RT: 7.78 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

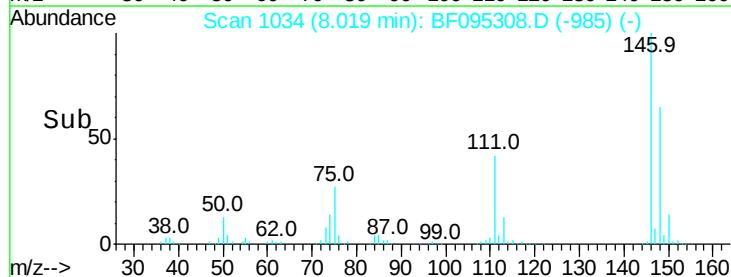
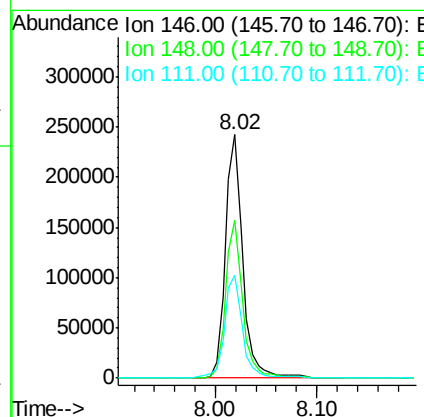
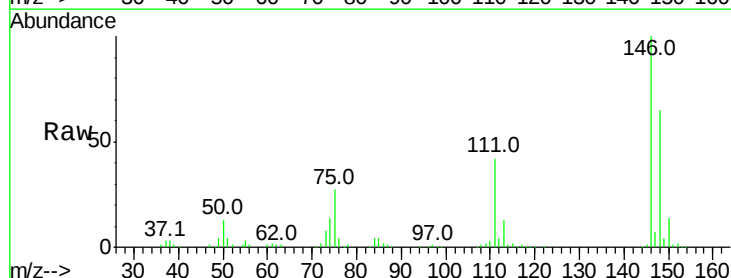
Instrument :
 BNA_F
 ClientSampleId :

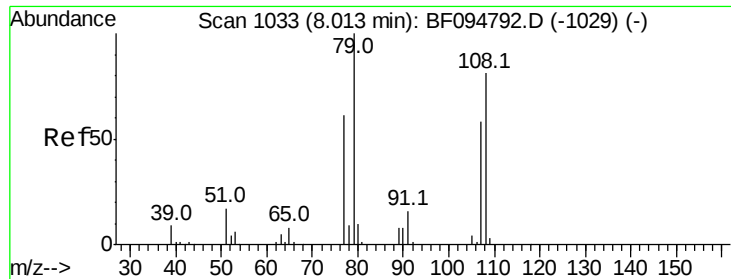
Tot Ion:146 Resp: 306374
 Ion Ratio Lower Upper
 146 100
 148 61.7 52.2 78.2
 111 40.9 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 41.15 ng
 RT: 8.02 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Tgt Ion:146 Resp: 287784
 Ion Ratio Lower Upper
 146 100
 148 65.0 50.4 75.6
 111 42.2 38.2 57.4





#15

Benzyl Alcohol

Concen: 43.09 ng

RT: 8.05 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

Instrument :

BNA_F

ClientSampleId :

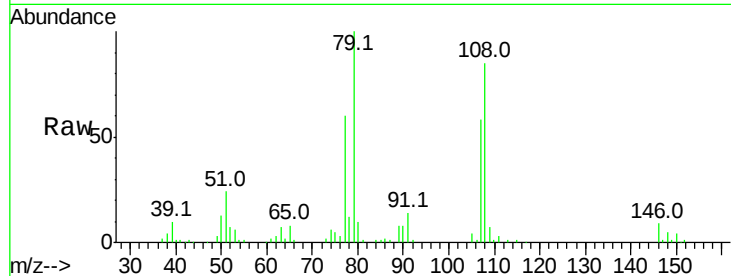
Tot Ion: 79 Resp: 190300

Ion Ratio Lower Upper

79 100

108 85.0 63.4 95.0

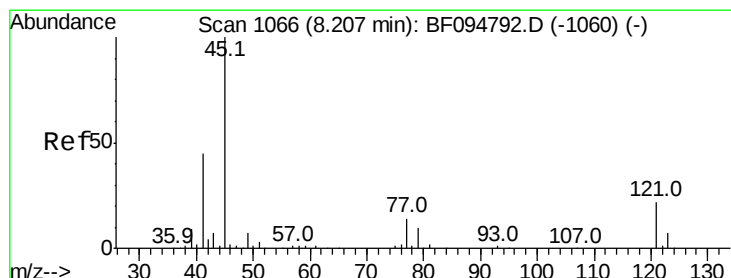
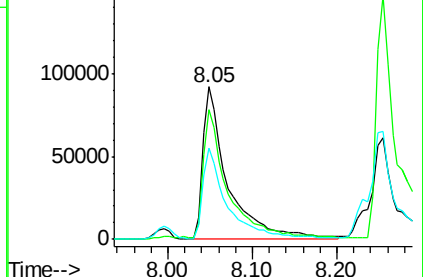
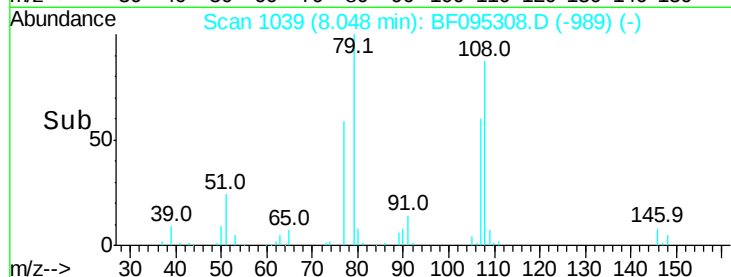
77 60.3 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.48 ng

RT: 8.24 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

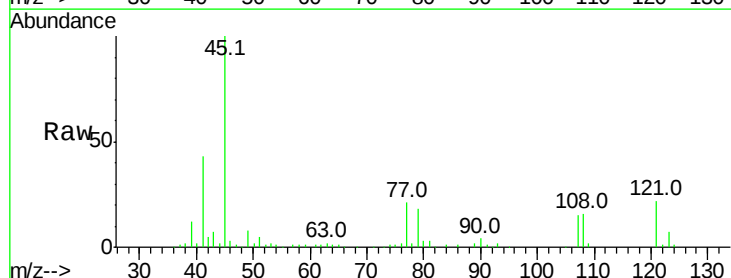
Tgt Ion: 45 Resp: 333788

Ion Ratio Lower Upper

45 100

77 21.4 0.0 33.2

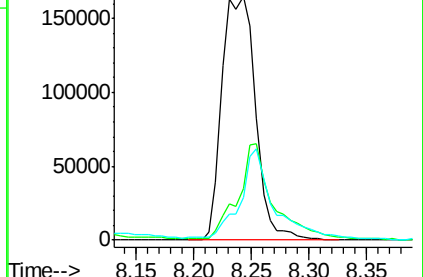
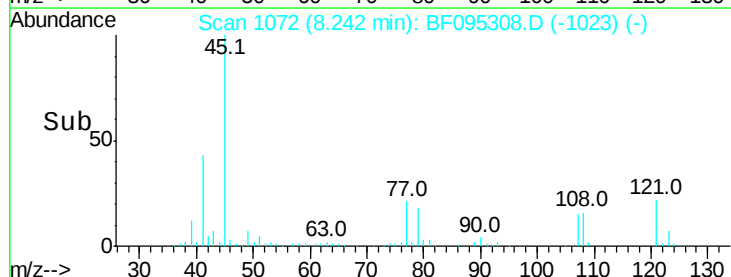
79 17.7 0.0 30.0

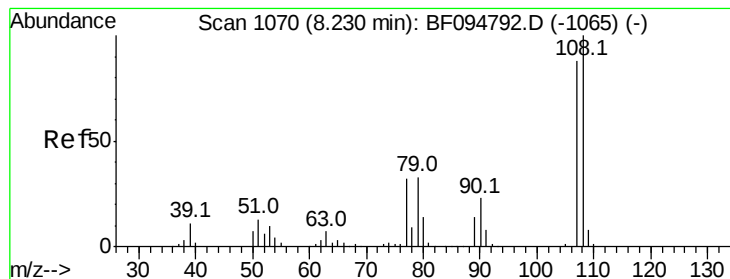


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 41.62 ng

RT: 8.25 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 221823

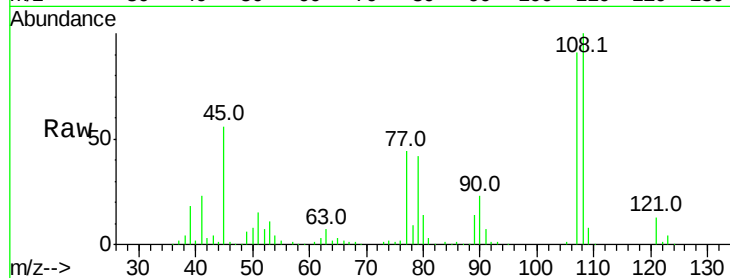
Ion Ratio Lower Upper

107 100

108 110.0 93.4 140.0

77 48.5 35.8 53.6

79 46.0 34.8 52.2

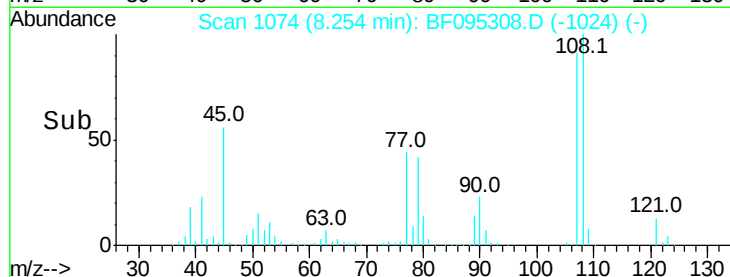


Abundance Ion 107.00 (106.70 to 107.70): E

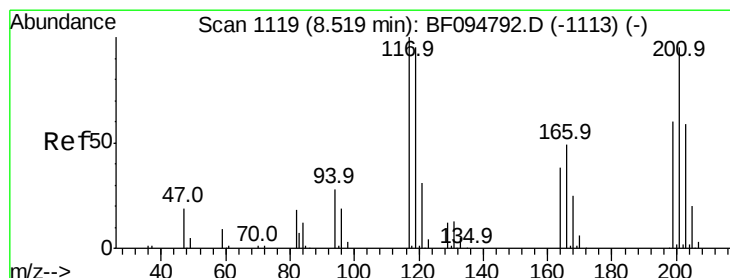
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 39.47 ng

RT: 8.53 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

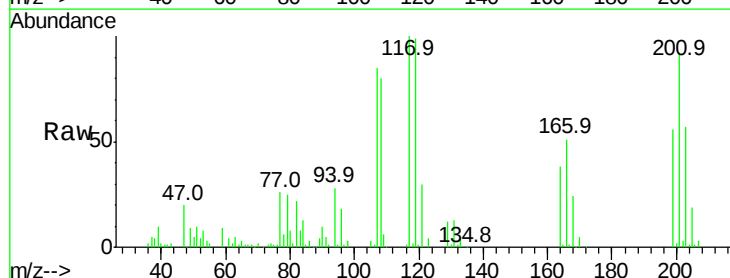
Tgt Ion:117 Resp: 100171

Ion Ratio Lower Upper

117 100

119 98.8 77.4 116.0

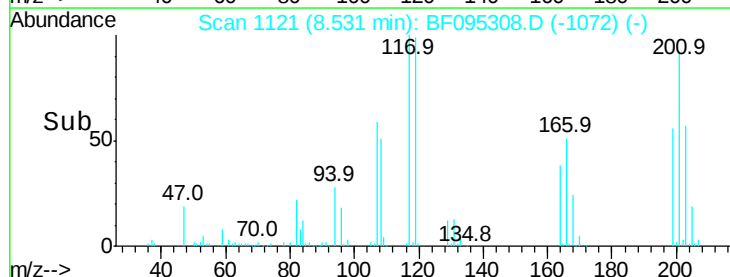
201 92.3 94.6 141.8#



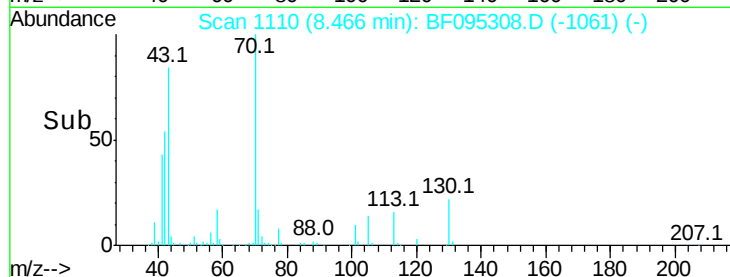
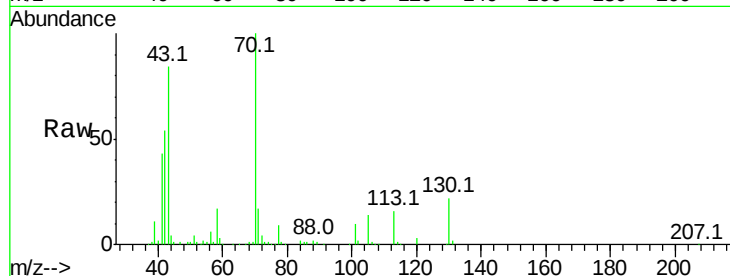
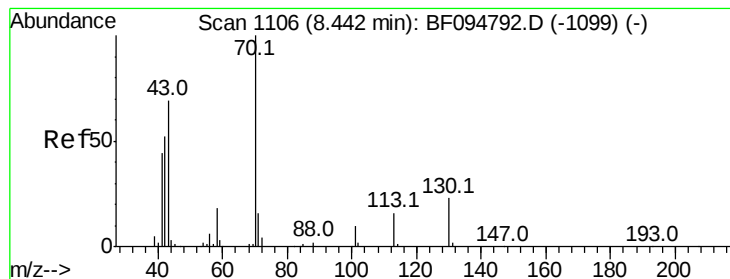
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 40.15 ng

RT: 8.47 min Scan# 1110

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 186425

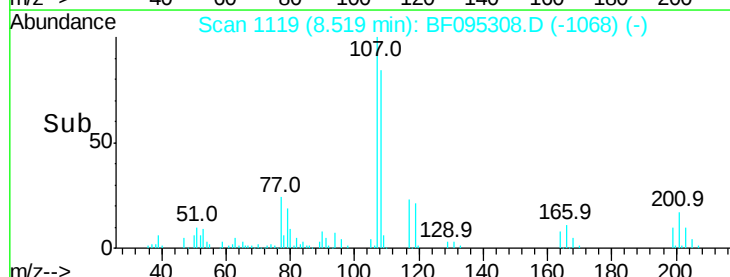
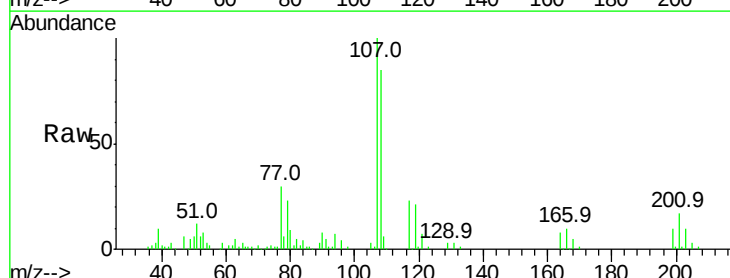
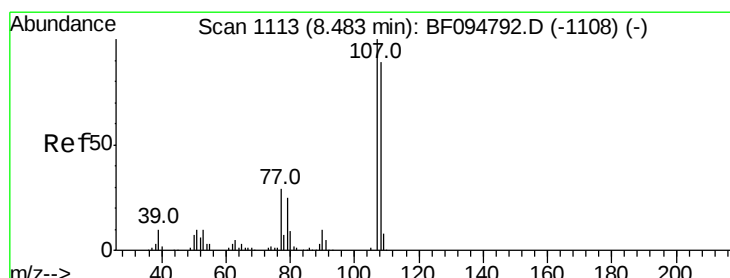
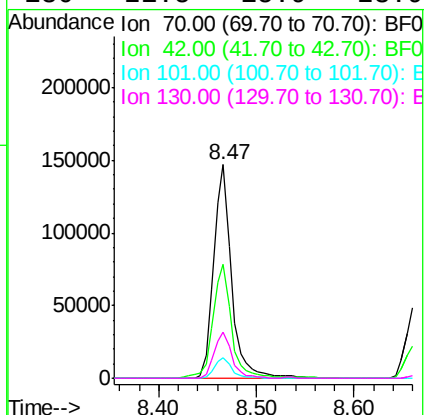
Ion Ratio Lower Upper

70 100

42 53.6 47.2 70.8

101 9.9 7.2 10.8

130 21.5 15.9 23.9



#20

3+4-Methylphenols

Concen: 39.74 ng

RT: 8.52 min Scan# 1119

Delta R.T. 0.00 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

Tgt Ion: 107 Resp: 287866

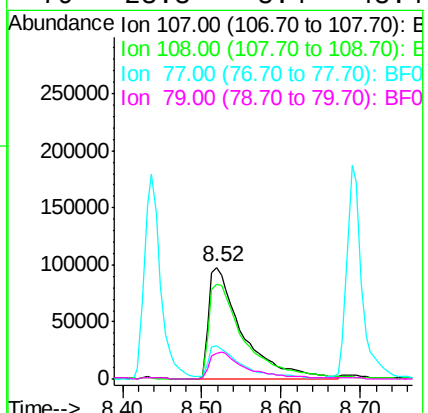
Ion Ratio Lower Upper

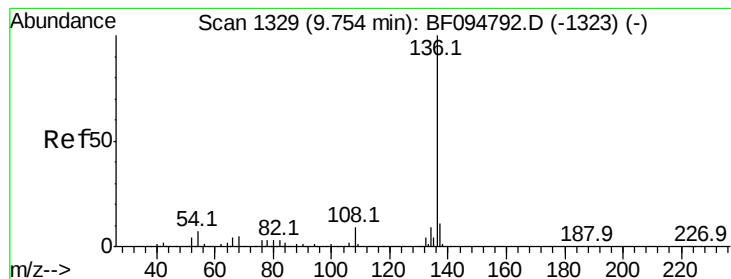
107 100

108 84.6 71.0 111.0

77 30.2 90.5 130.5#

79 23.3 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095308.D

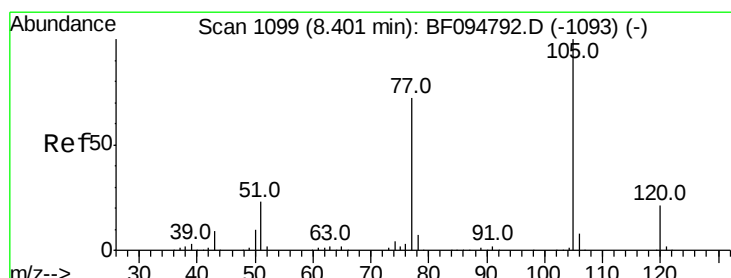
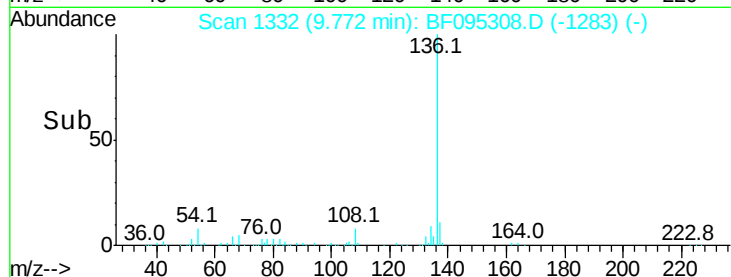
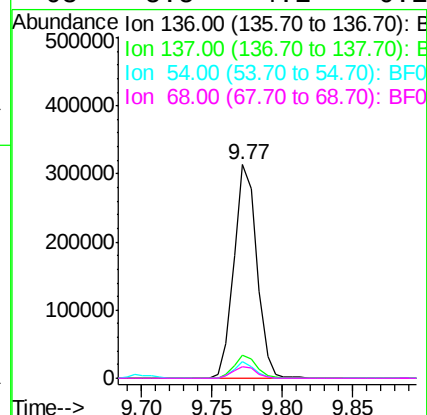
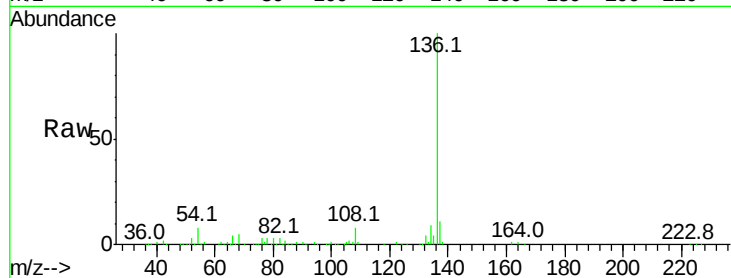
Acq: 22 May 2017 12:00

Instrument :

BNA_F

ClientSampled :

Tot Ion:136	Resp:	352857
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.5 12.7
54	7.6	4.9 7.3#
68	5.5	4.1 6.1



#22

Acetophenone

Concen: 43.16 ng

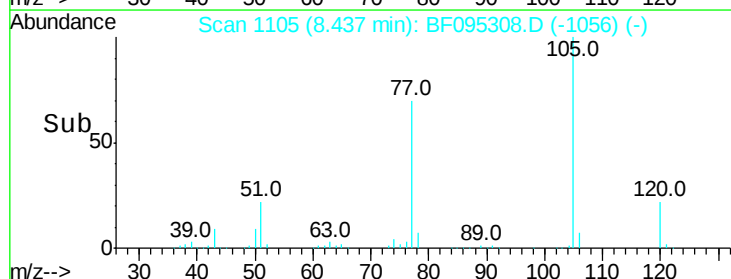
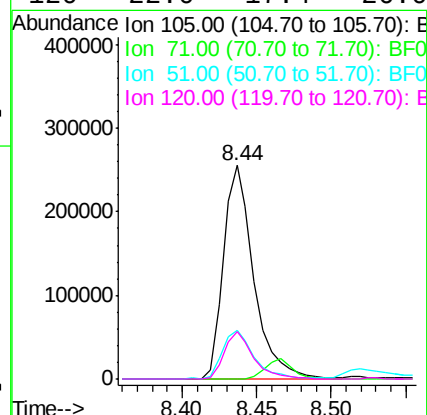
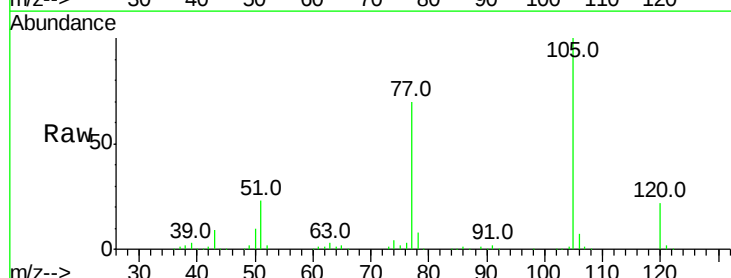
RT: 8.44 min Scan# 1105

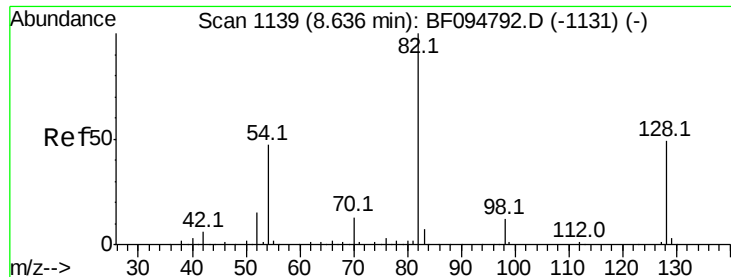
Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

Tgt Ion:105	Resp:	365368
Ion Ratio	Lower	Upper
105	100	
71	0.0	2.8 4.2#
51	22.8	30.7 46.1#
120	22.0	17.4 26.0

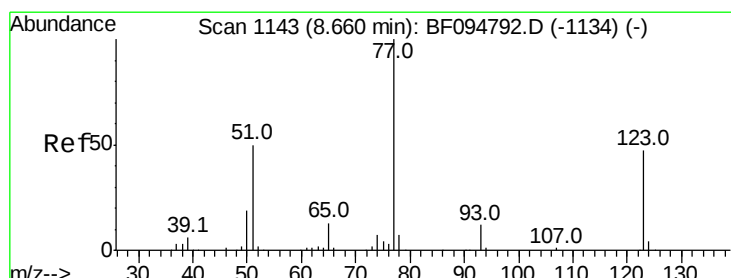
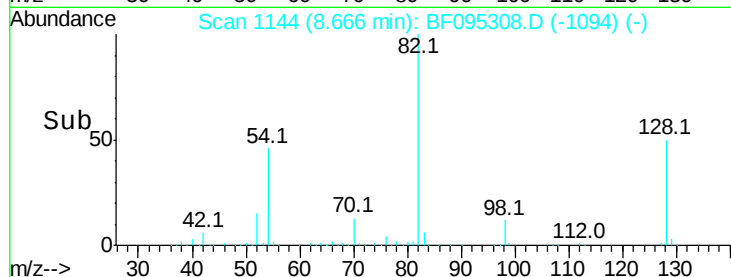
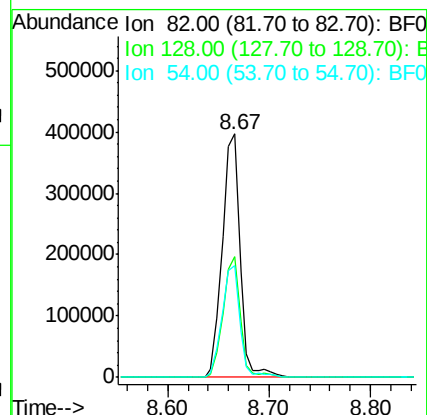
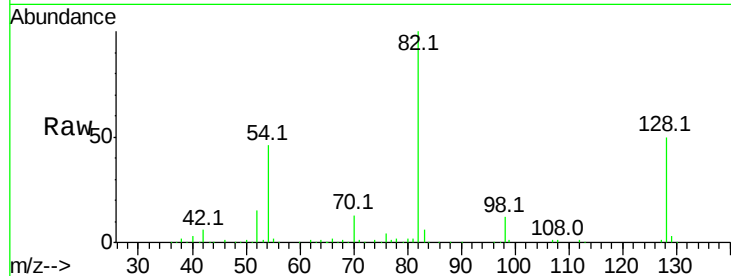




#23
 Nitrobenzene-d5
 Concen: 87.20 ng
 RT: 8.67 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

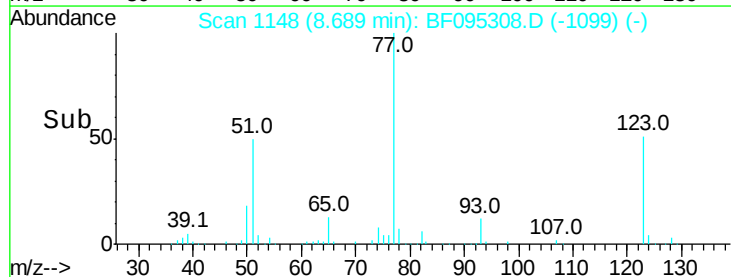
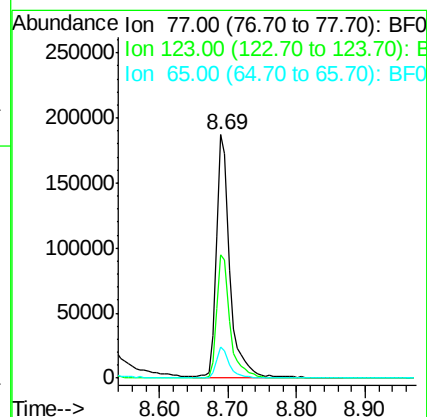
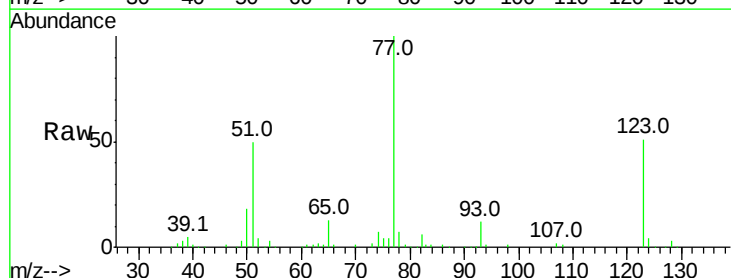
Instrument :
 BNA_F
 ClientSampleId :

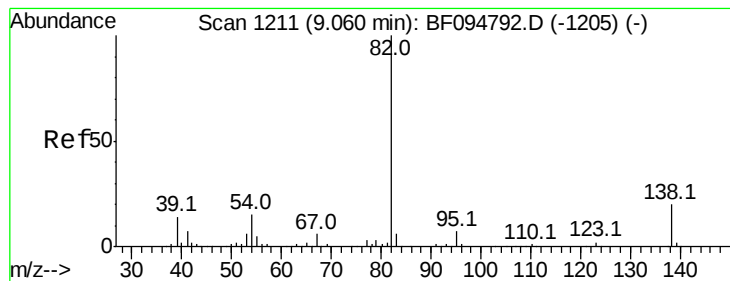
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.8	34.0	51.0
54	45.9	42.2	63.2



#24
 Nitrobenzene
 Concen: 43.48 ng
 RT: 8.69 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.5	35.8	53.8
65	13.1	10.6	15.8





#25

Isophorone

Concen: 44.54 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

Instrument :

BNA_F

ClientSampled :

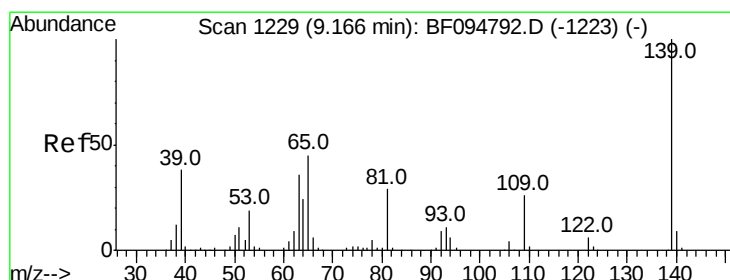
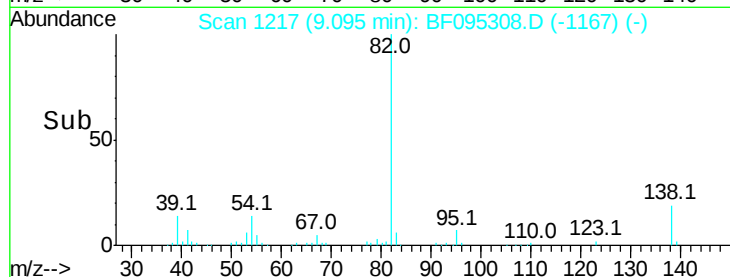
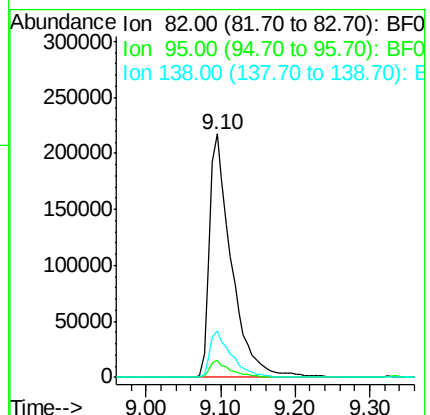
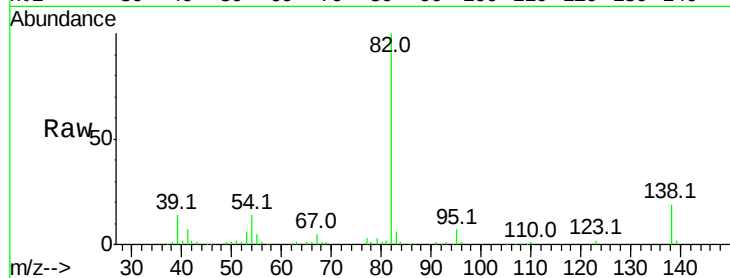
Tot Ion: 82 Resp: 444987

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 19.3 13.1 19.7



#26

2-Nitrophenol

Concen: 45.62 ng

RT: 9.20 min Scan# 1235

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

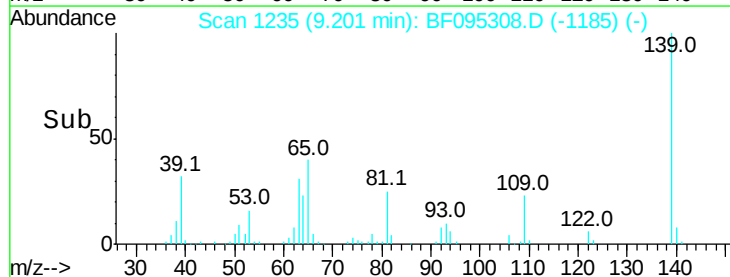
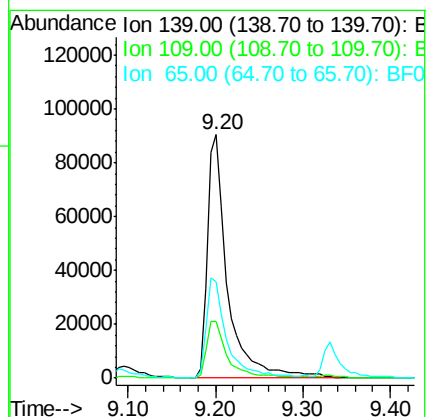
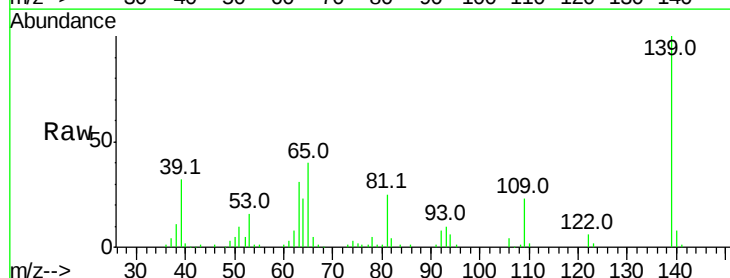
Tgt Ion: 139 Resp: 144374

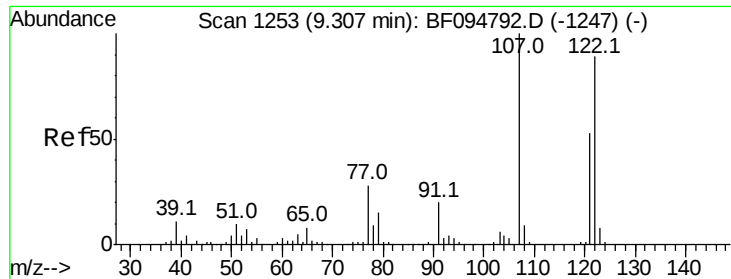
Ion Ratio Lower Upper

139 100

109 23.2 21.0 31.6

65 39.6 33.0 49.6

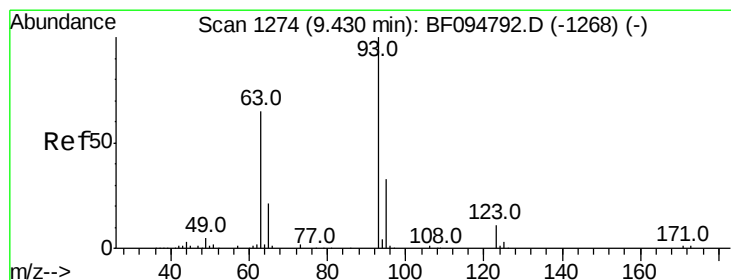
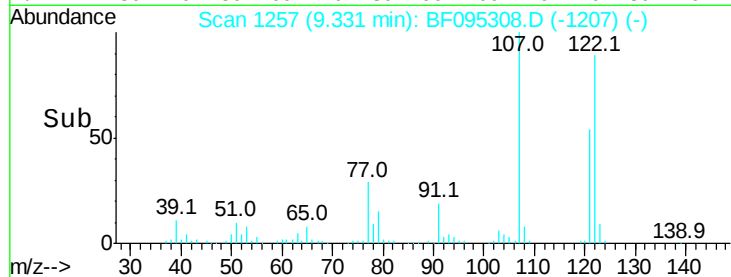
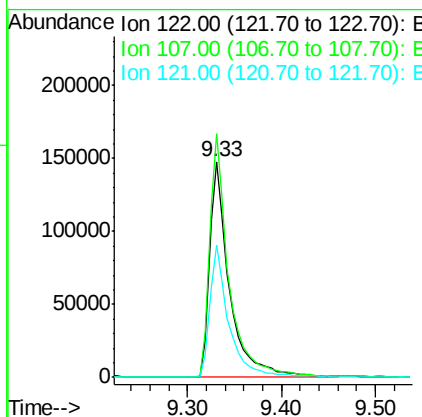
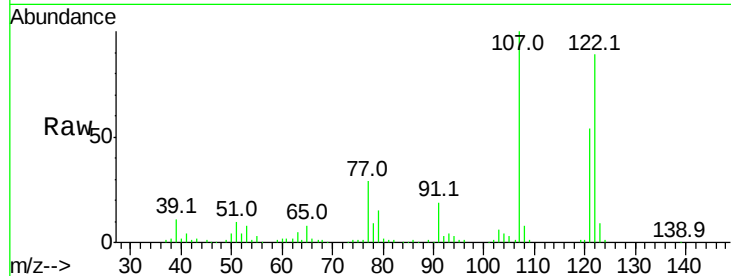




#27
2,4-Dimethylphenol
Concen: 43.03 ng
RT: 9.33 min Scan# 1257
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

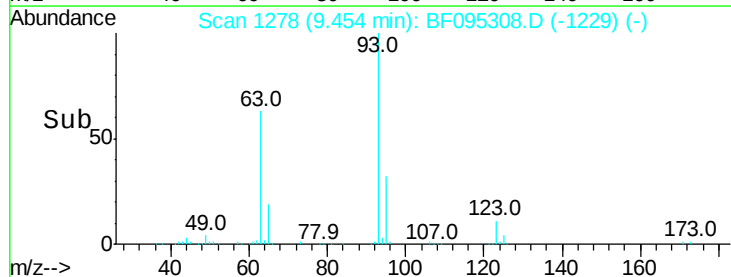
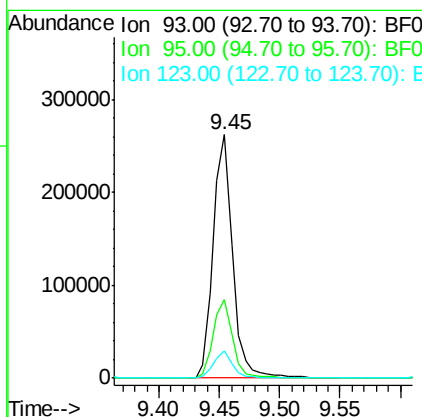
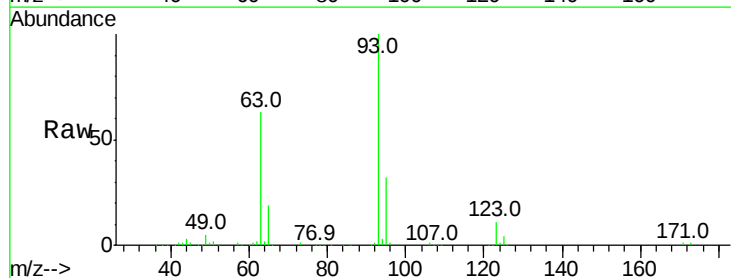
Instrument :
BNA_F
ClientSampled :

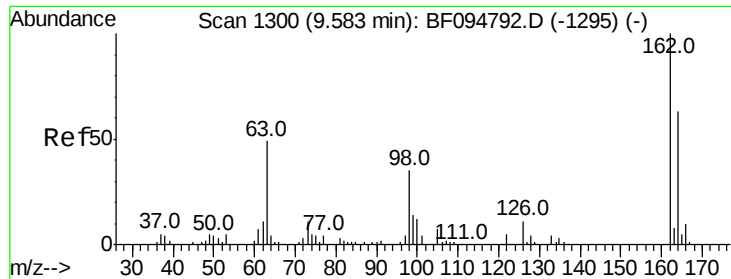
Tot Ion:122 Resp: 220205
Ion Ratio Lower Upper
122 100
107 112.9 89.2 133.8
121 61.3 45.2 67.8



#28
bis(2-Chloroethoxy)methane
Concen: 42.10 ng
RT: 9.45 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

Tgt Ion: 93 Resp: 290987
Ion Ratio Lower Upper
93 100
95 32.1 26.5 39.7
123 11.3 9.0 13.4

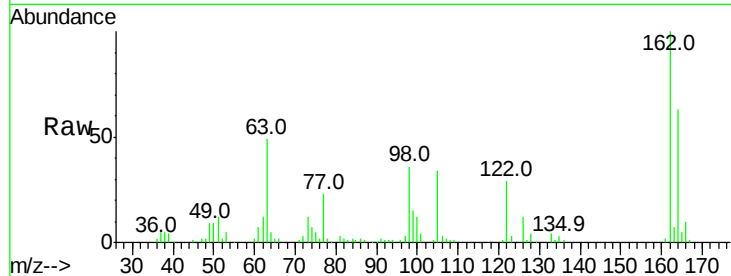




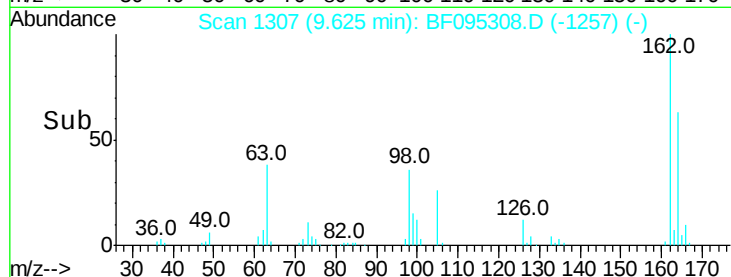
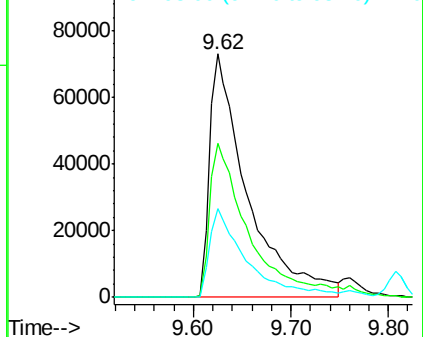
#29
 2,4-Dichlorophenol
 Concen: 40.84 ng
 RT: 9.62 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	36.3	14.8	54.8

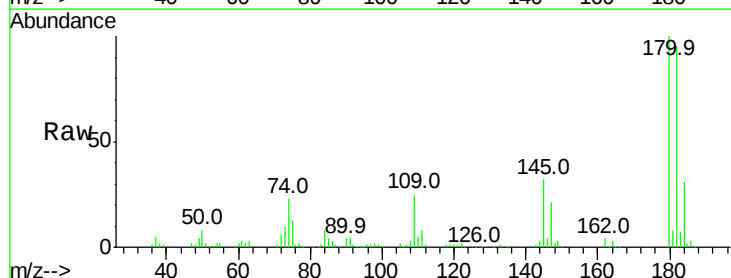


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

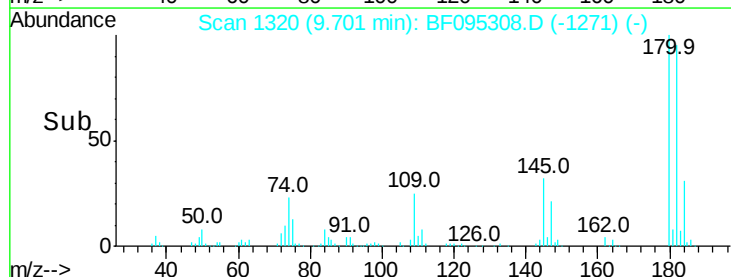
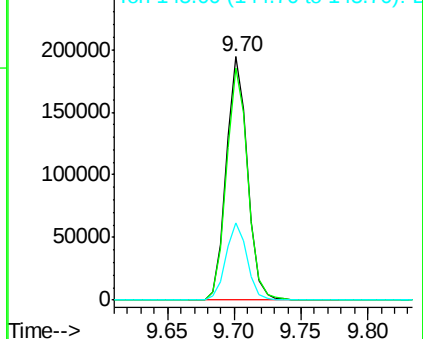


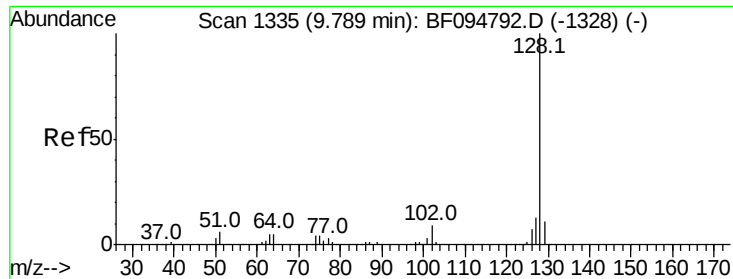
#30
 1,2,4-Trichlorobenzene
 Concen: 42.13 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.8	113.6
145	31.9	25.3	37.9



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

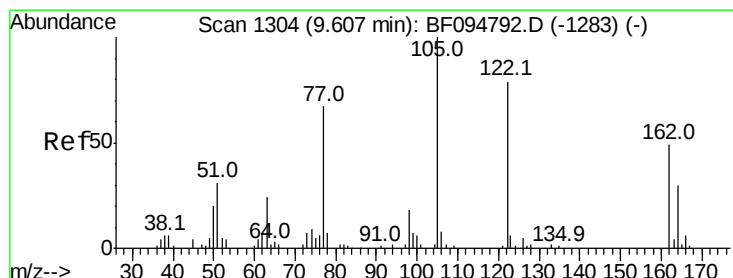
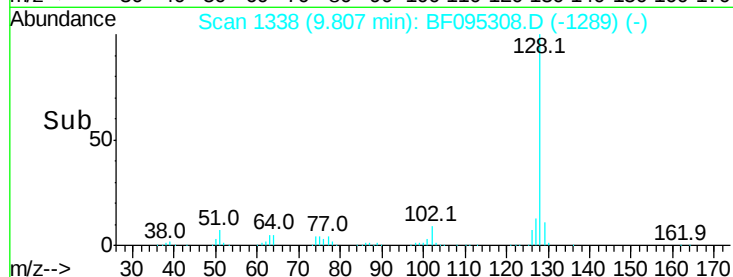
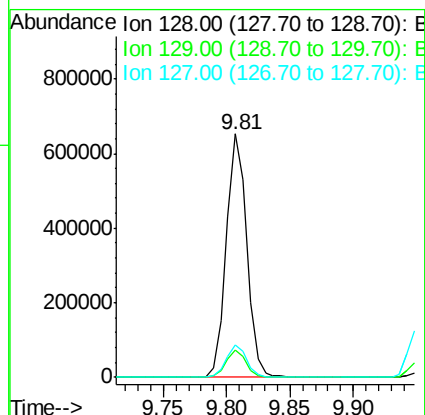
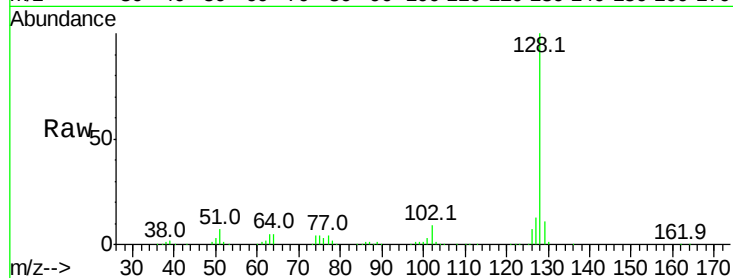




#31
Naphthalene
Concen: 41.35 ng
RT: 9.81 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

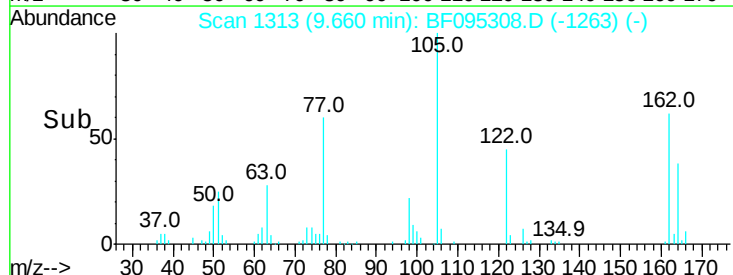
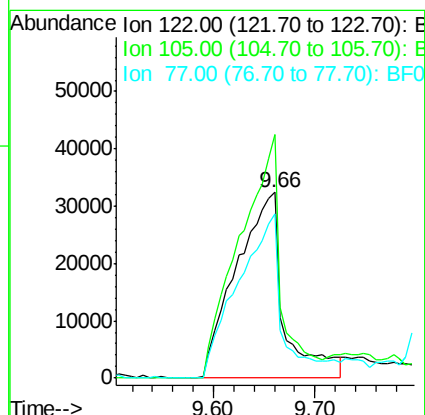
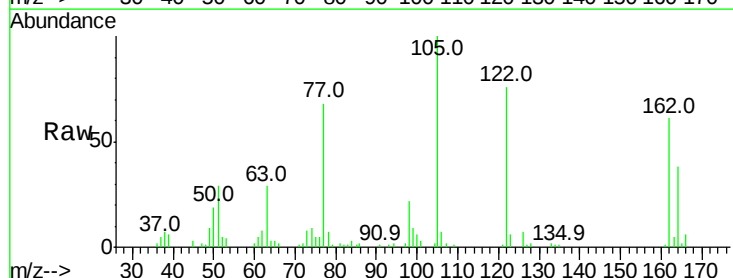
Instrument :
BNA_F
ClientSampleId :

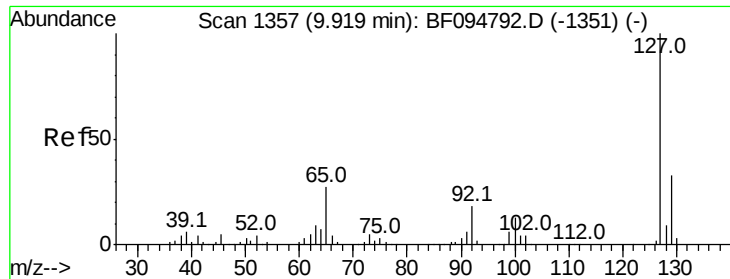
Tot Ion:128 Resp: 733396
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.1 10.8 16.2



#32
Benzoic acid
Concen: 33.29 ng
RT: 9.66 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

Tgt Ion:122 Resp: 105976
Ion Ratio Lower Upper
122 100
105 131.2 103.3 143.3
77 88.6 73.7 113.7

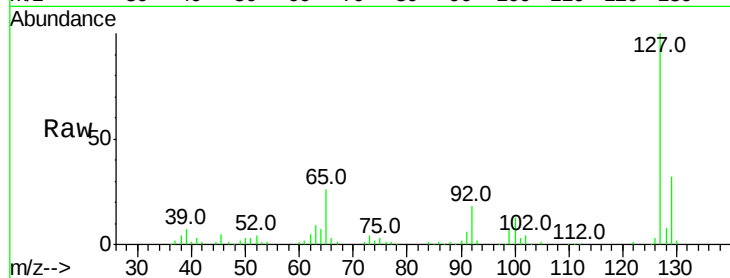




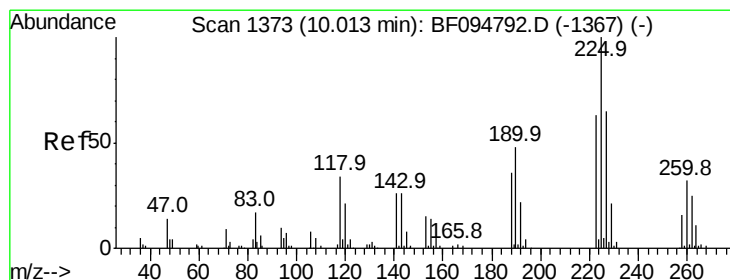
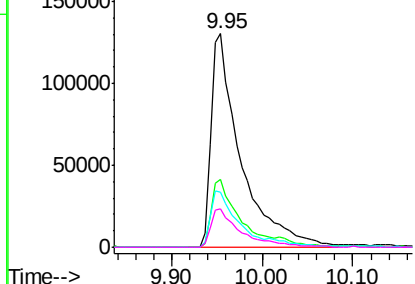
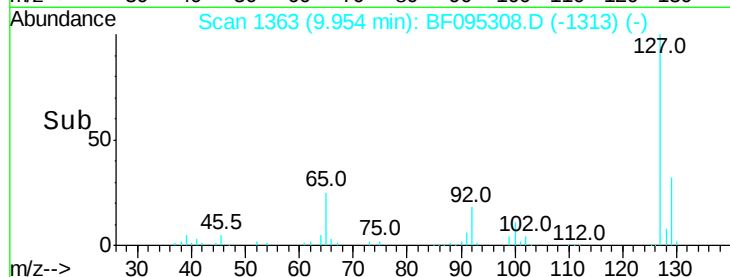
#33
 4-Chloroaniline
 Concen: 44.86 ng
 RT: 9.95 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	296497
Ion	Ratio	Lower	Upper
127	100		
129	31.9	26.2	39.2
65	26.0	27.8	41.8#
92	18.3	16.8	25.2

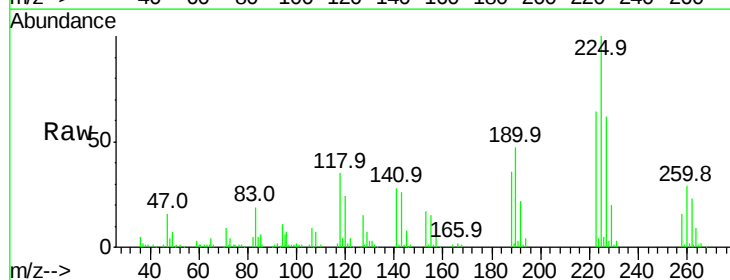


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

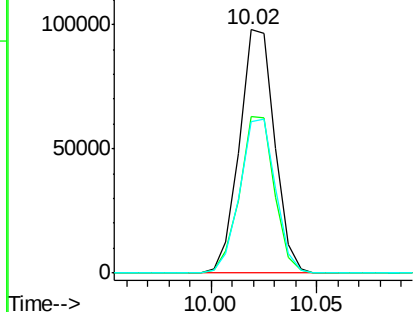
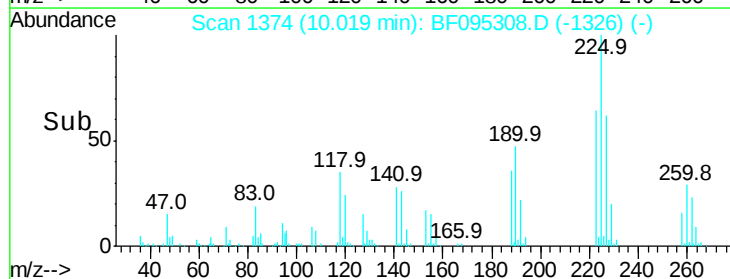


#34
 Hexachlorobutadiene
 Concen: 41.31 ng
 RT: 10.02 min Scan# 1374
 Delta R.T. -0.02 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Tgt Ion:	225	Resp:	112837
Ion	Ratio	Lower	Upper
225	100		
223	64.1	48.8	73.2
227	62.2	51.1	76.7



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





#35

Caprolactam

Concen: 30.07 ng

RT: 10.58 min Scan# 1470

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

Instrument :

BNA_F

ClientSampleId :

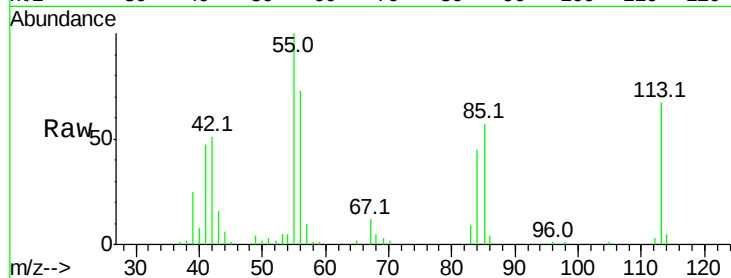
Tot Ion:113 Resp: 43630

Ion Ratio Lower Upper

113 100

55 149.1 150.2 190.2#

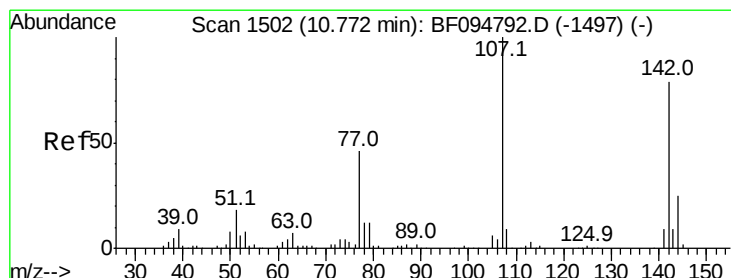
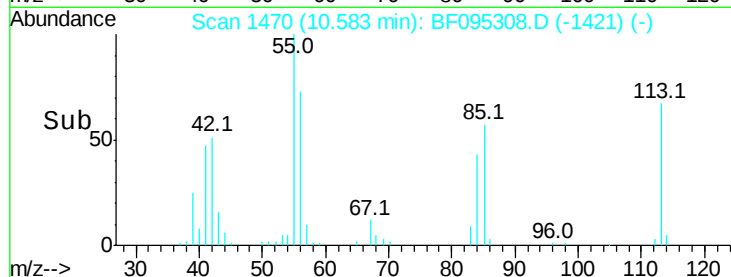
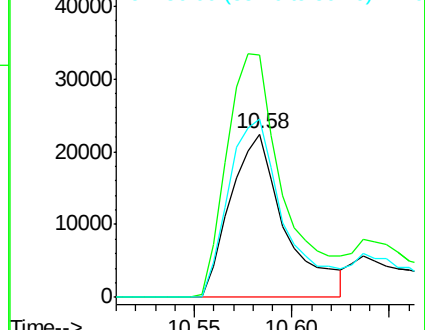
56 109.2 107.8 147.8



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: 42.89 ng

RT: 10.81 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

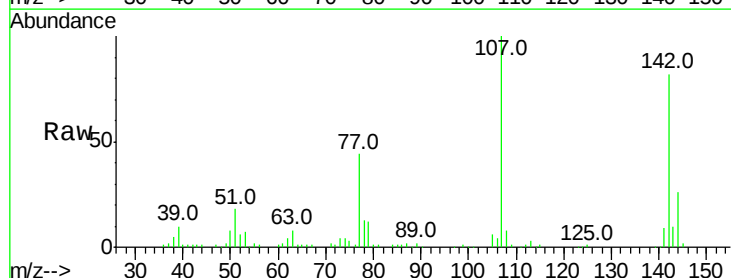
Tgt Ion:107 Resp: 221570

Ion Ratio Lower Upper

107 100

144 26.4 24.2 36.4

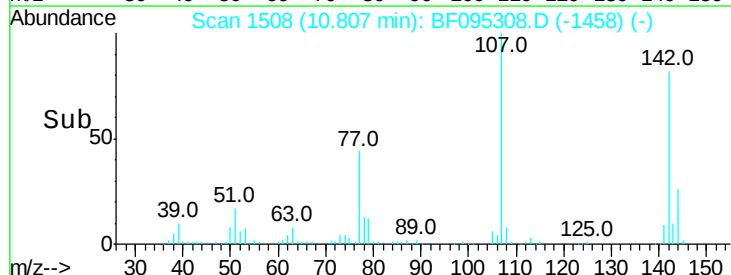
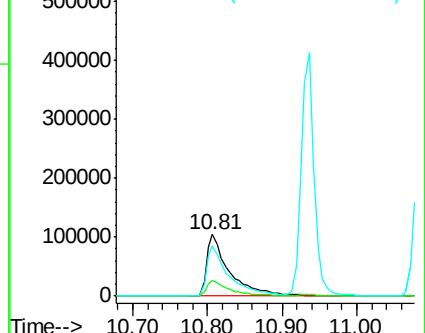
142 81.6 73.4 110.0

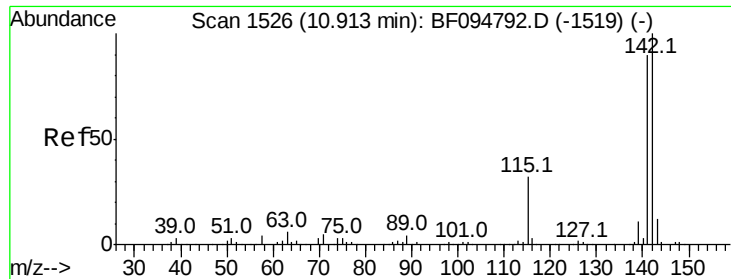


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

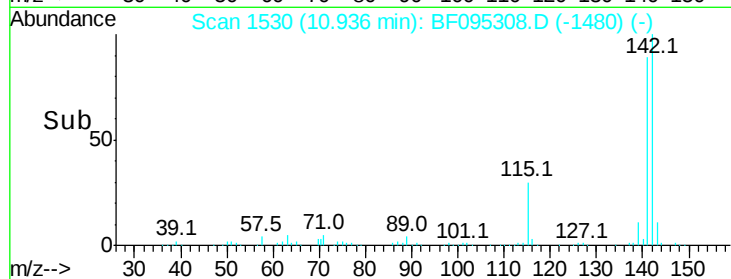
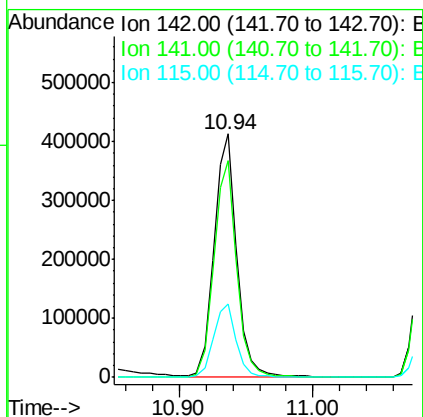
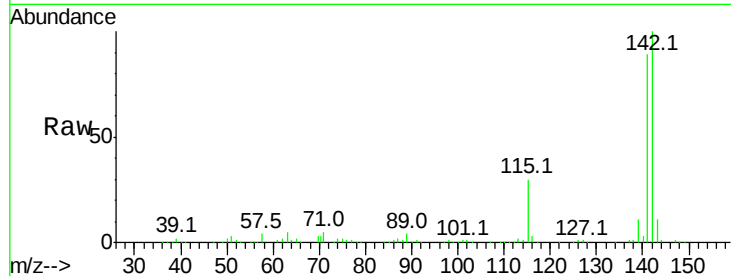




#37
 2-Methylnaphthalene
 Concen: 42.37 ng
 RT: 10.94 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

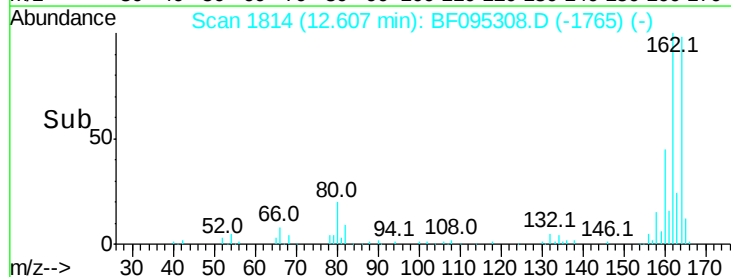
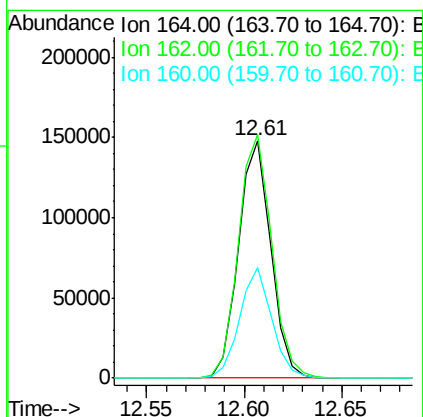
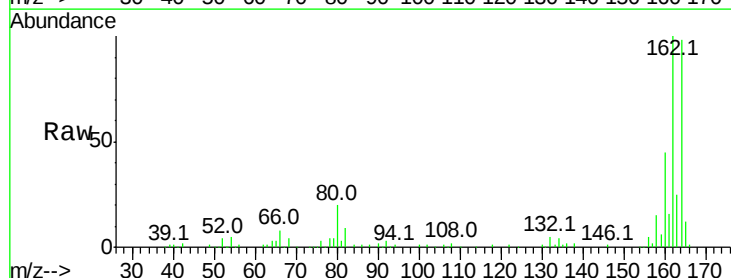
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 493194
 Ion Ratio Lower Upper
 142 100
 141 89.0 71.3 106.9
 115 30.2 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Tgt Ion:164 Resp: 169773
 Ion Ratio Lower Upper
 164 100
 162 102.6 82.6 123.8
 160 46.4 36.2 54.2

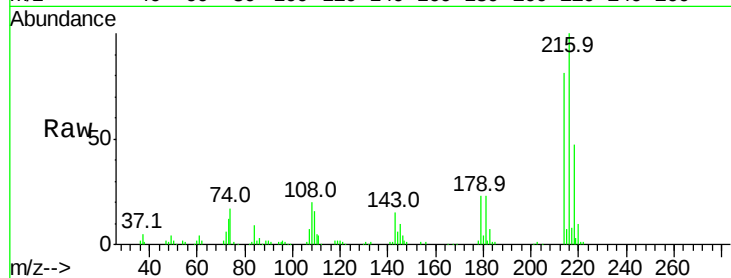




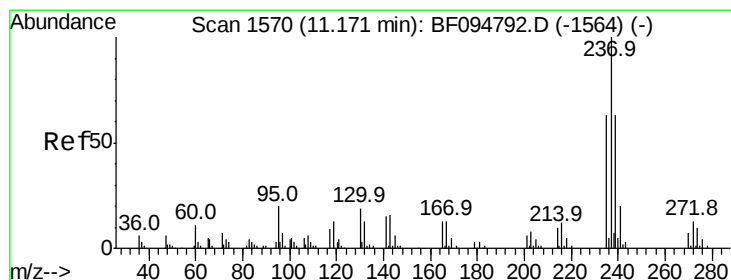
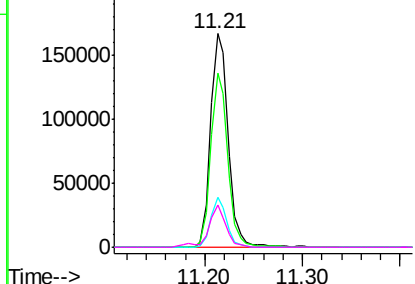
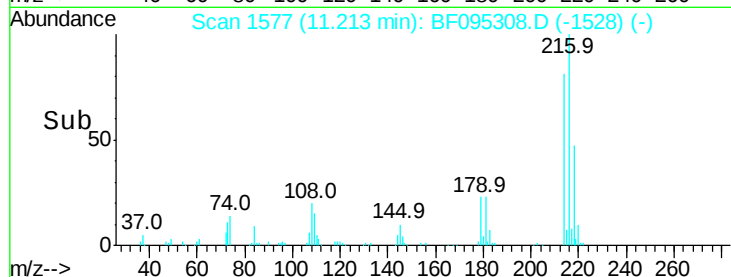
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.84 ng
 RT: 11.21 min Scan# 1577
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	216	Resp:	208002
Ion	Ratio	Lower	Upper
216	100		
214	78.7	63.4	95.2
179	21.3	17.9	26.9
108	19.1	16.5	24.7

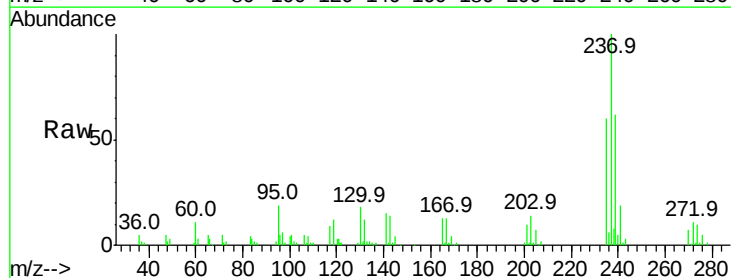


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

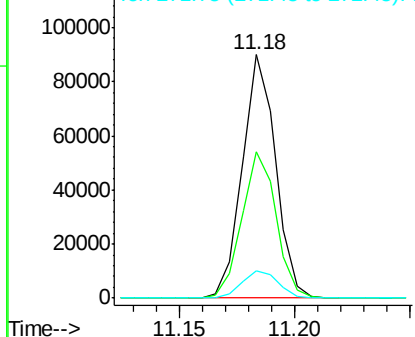
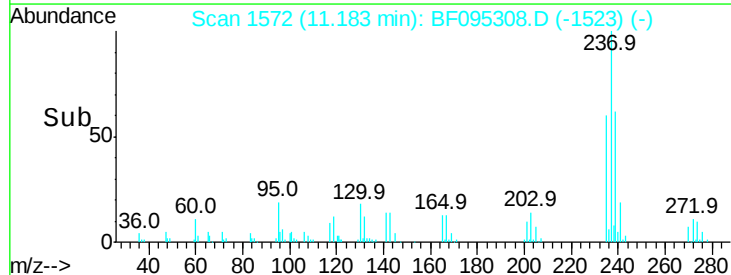


#40
 Hexachlorocyclopentadiene
 Concen: 44.25 ng
 RT: 11.18 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Tgt Ion:	237	Resp:	90704
Ion	Ratio	Lower	Upper
237	100		
235	60.2	42.6	82.6
272	11.4	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

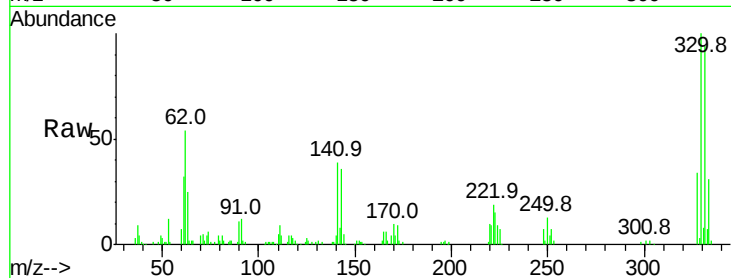




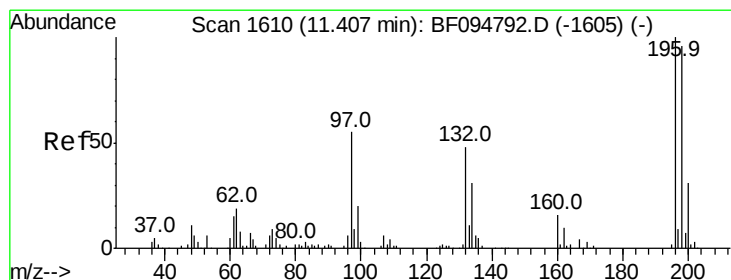
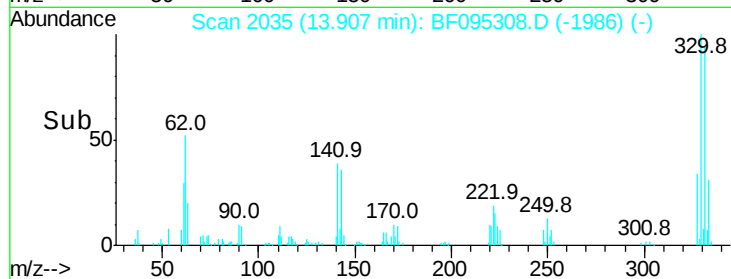
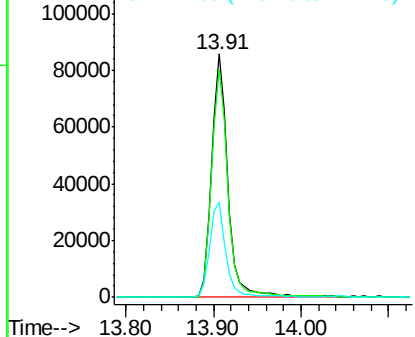
#41
 2,4,6-Tribromophenol
 Concen: 80.42 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 111814
 Ion Ratio Lower Upper
 330 100
 332 94.2 76.6 115.0
 141 38.7 31.4 47.2

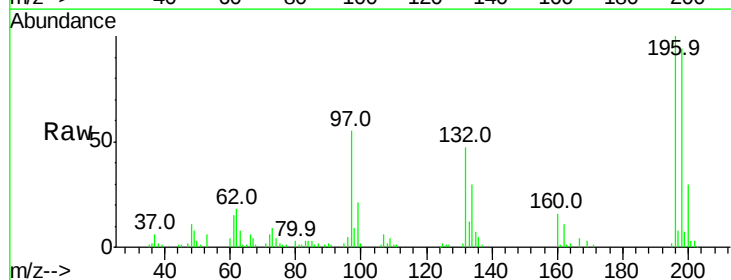


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

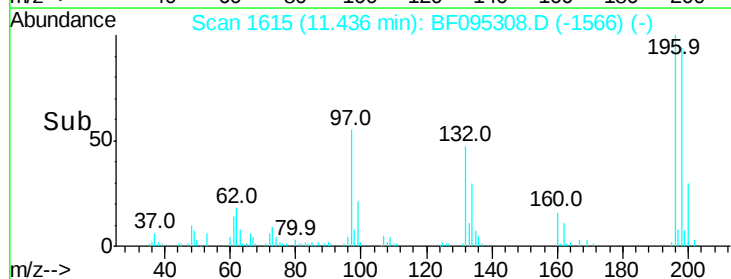
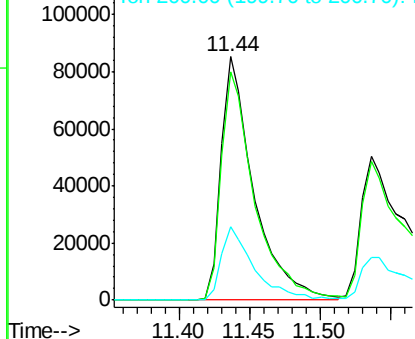


#42
 2,4,6-Trichlorophenol
 Concen: 39.46 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Tgt Ion:196 Resp: 137550
 Ion Ratio Lower Upper
 196 100
 198 93.7 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

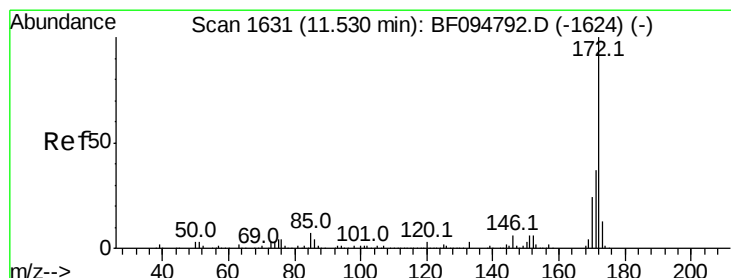
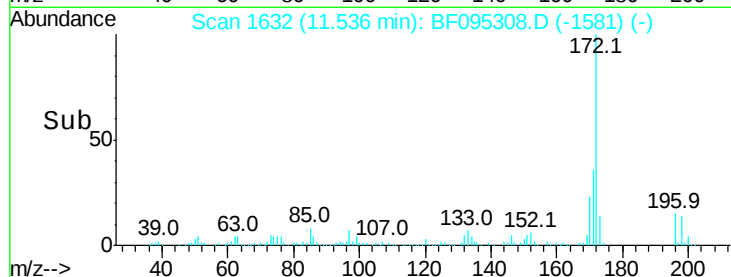
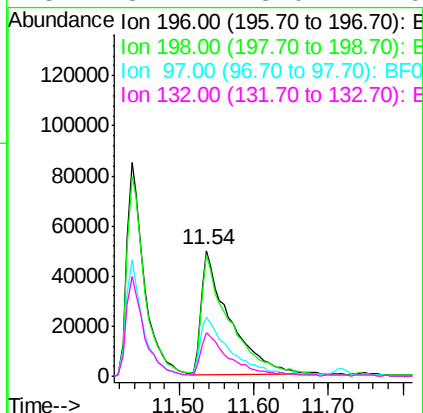
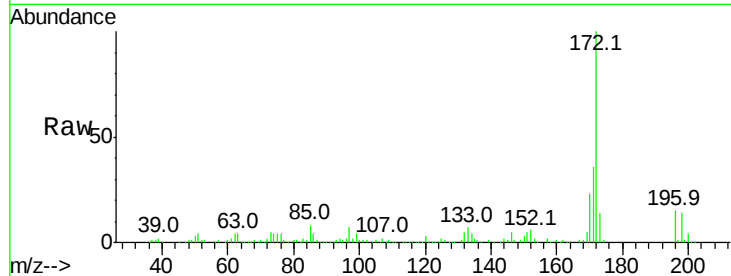




#43
 2,4,5-Trichlorophenol
 Concen: 35.65 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.00 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

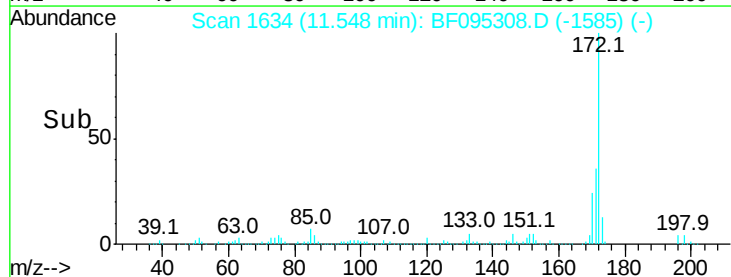
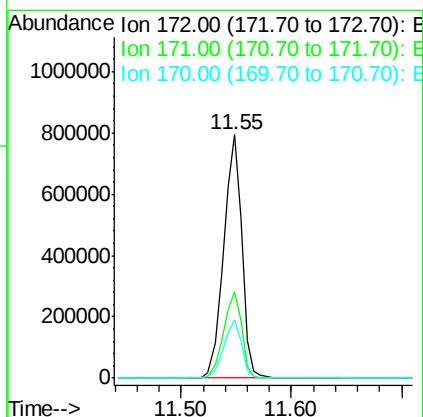
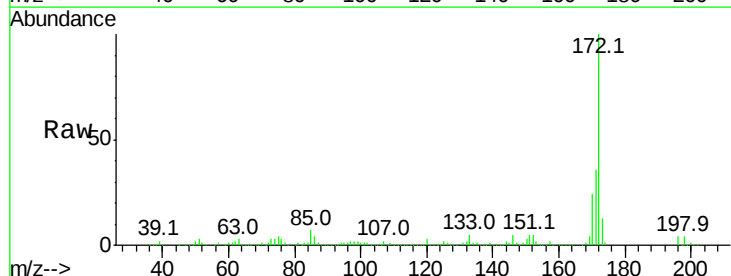
Instrument :
 BNA_F
 ClientSampleId :

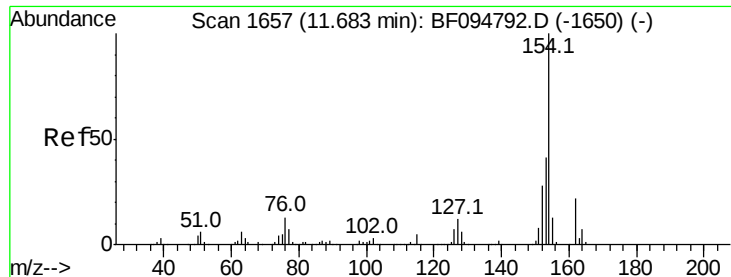
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.7	113.5
97	46.6	47.7	71.5#
132	34.2	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 77.43 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.6	44.4
170	23.6	19.8	29.8





#45

1,1'-Biphenyl

Concen: 39.41 ng

RT: 11.70 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

Instrument :

BNA_F

ClientSampleId :

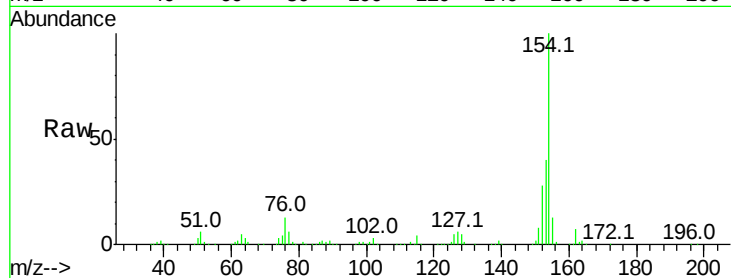
Tot Ion:154 Resp: 563272

Ion Ratio Lower Upper

154 100

153 40.1 21.2 61.2

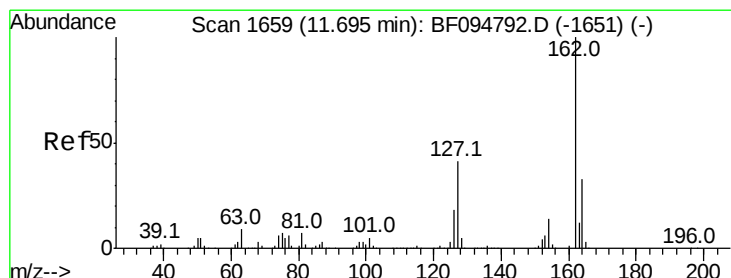
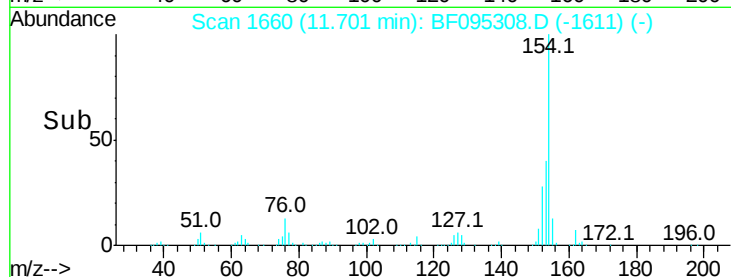
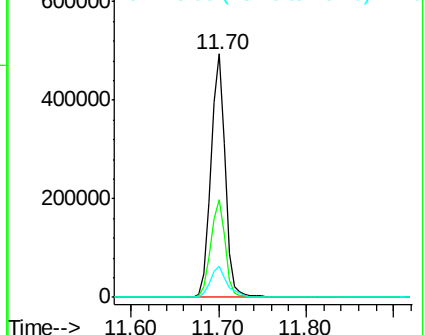
76 12.7 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 39.86 ng

RT: 11.72 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

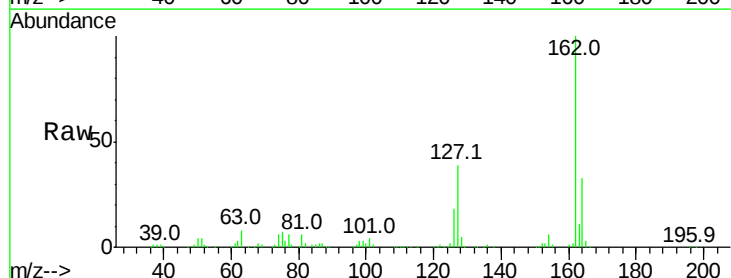
Tgt Ion:162 Resp: 460078

Ion Ratio Lower Upper

162 100

127 39.0 28.3 42.5

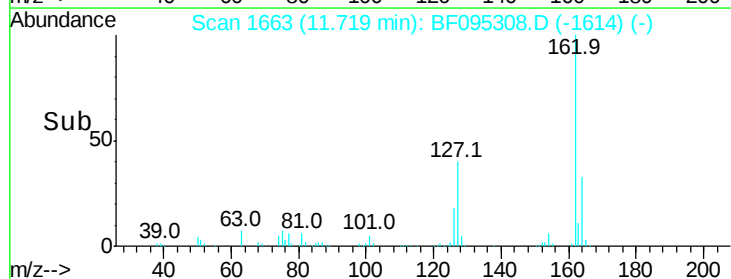
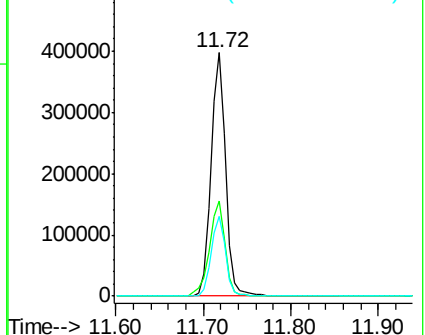
164 32.9 27.0 40.4

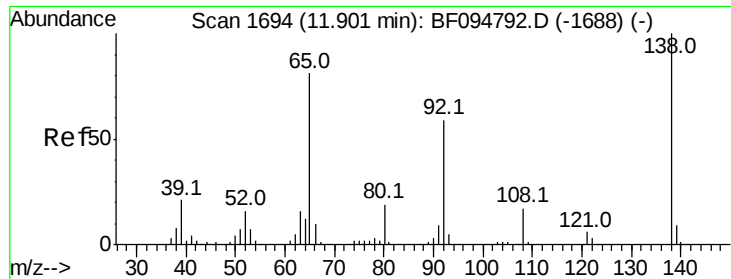


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

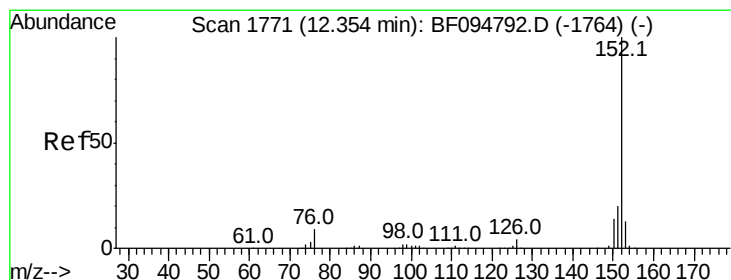
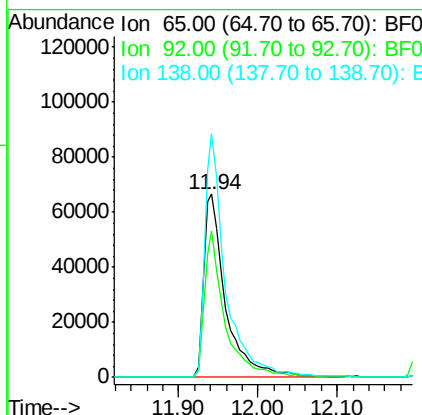
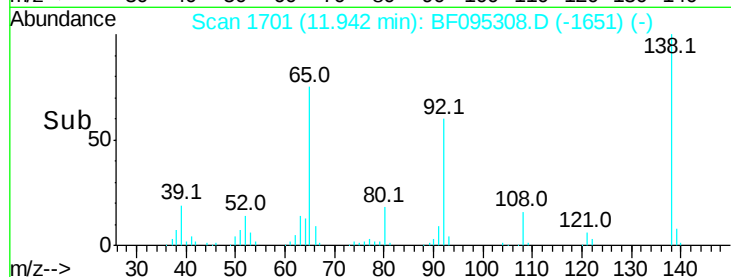
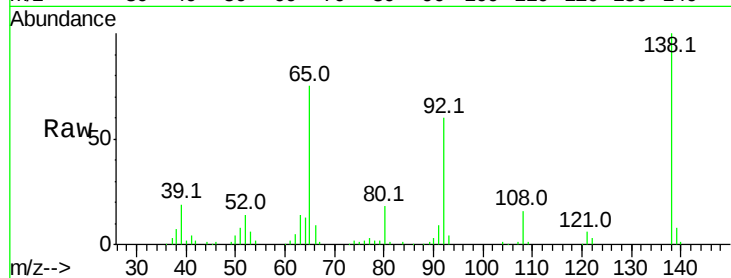




#47
2-Nitroaniline
Concen: 40.82 ng
RT: 11.94 min Scan# 1701
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

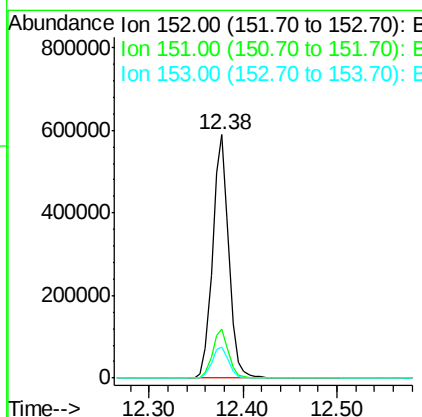
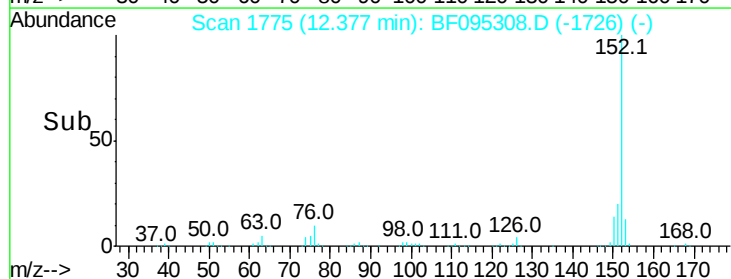
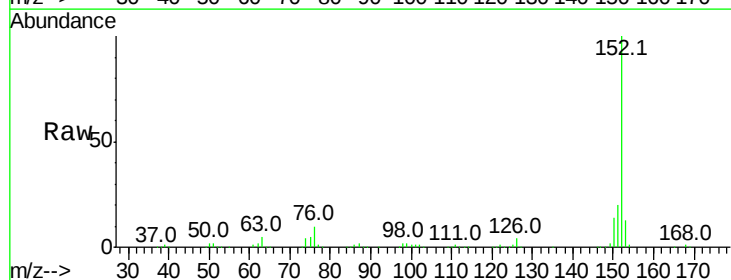
Instrument :
BNA_F
ClientSampleId :

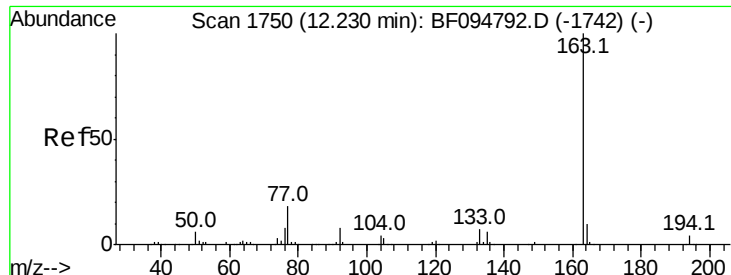
Tot Ion: 65 Resp: 128951
Ion Ratio Lower Upper
65 100
92 79.9 53.9 80.9
138 133.1 78.8 118.2#



#48
Acenaphthylene
Concen: 39.33 ng
RT: 12.38 min Scan# 1775
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

Tgt Ion: 152 Resp: 711003
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 12.8 10.8 16.2





#49

Dimethylphthalate

Concen: 35.89 ng

RT: 12.25 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

Instrument :

BNA_F

ClientSampleId :

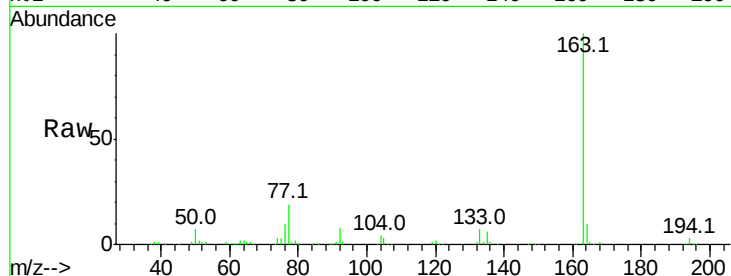
Tot Ion:163 Resp: 500174

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

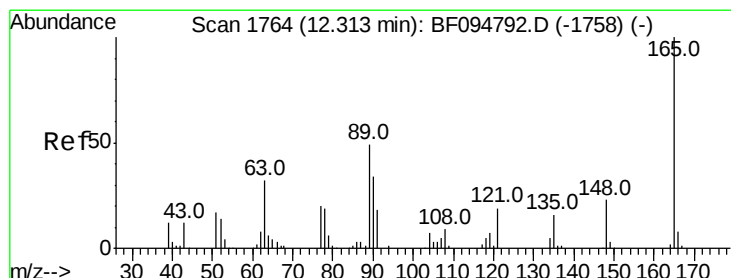
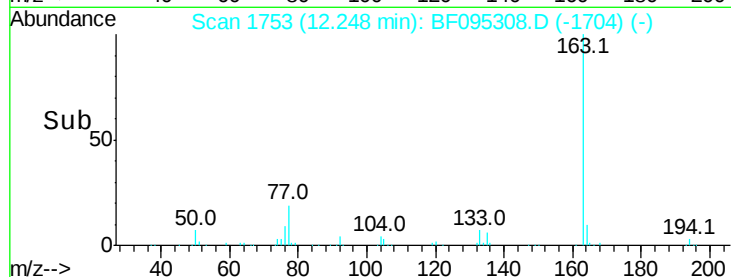
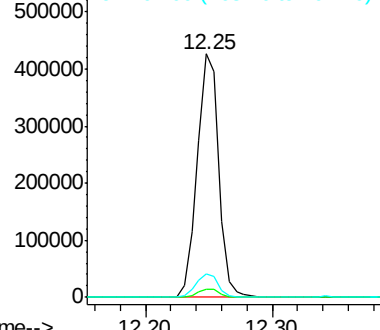
164 9.9 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.48 ng

RT: 12.35 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

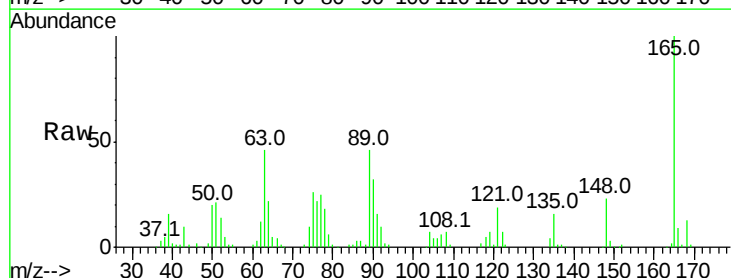
Tgt Ion:165 Resp: 112246

Ion Ratio Lower Upper

165 100

63 46.2 34.3 51.5

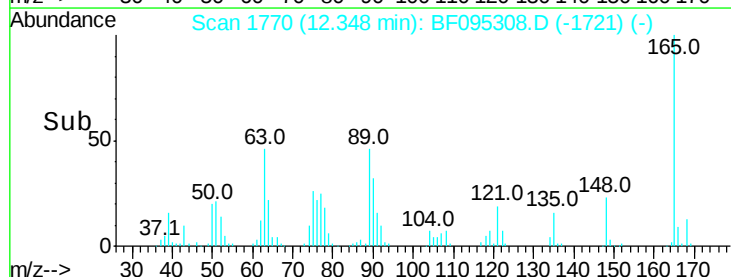
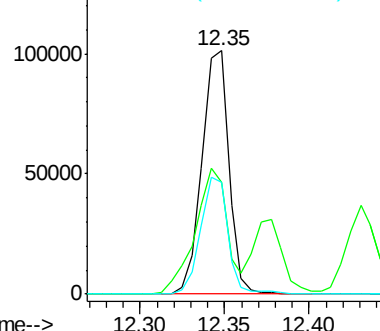
89 46.0 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.17 ng

RT: 12.66 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

Instrument :

BNA_F

ClientSampleId :

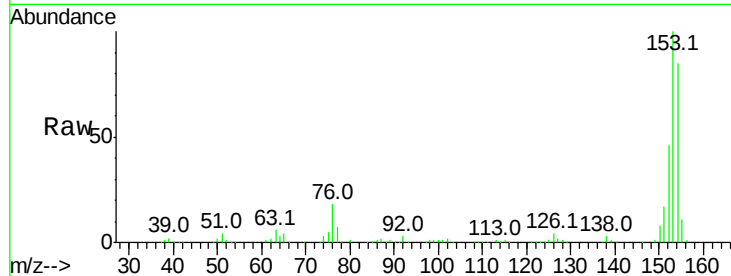
Tot Ion:154 Resp: 422968

Ion Ratio Lower Upper

154 100

153 117.6 90.5 135.7

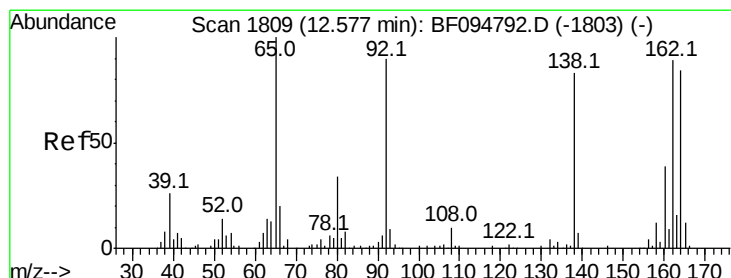
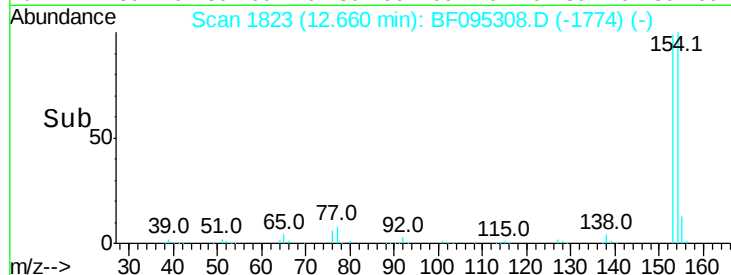
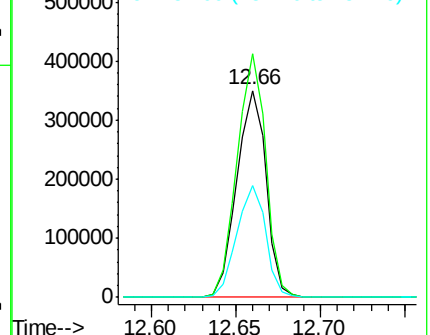
152 54.2 43.6 65.4



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: 40.13 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

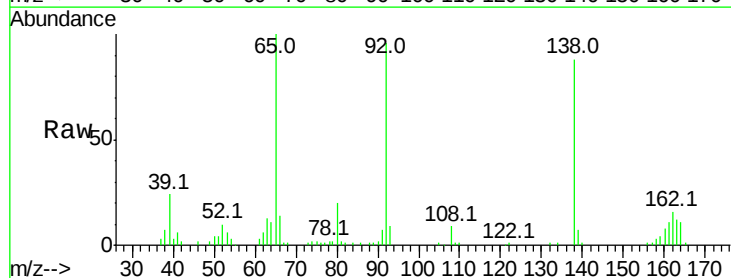
Tgt Ion:138 Resp: 122485

Ion Ratio Lower Upper

138 100

108 10.6 9.1 13.7

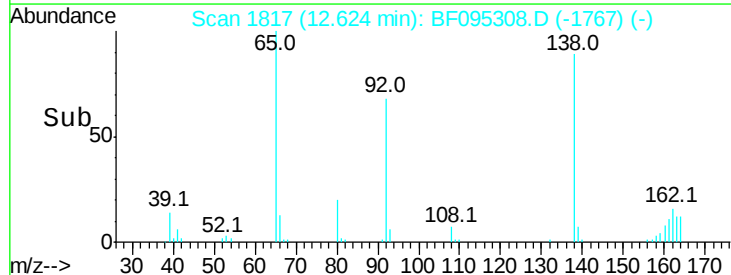
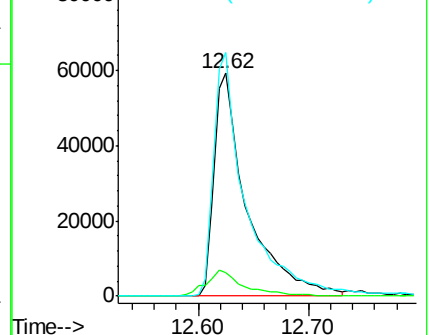
92 109.3 93.8 140.6

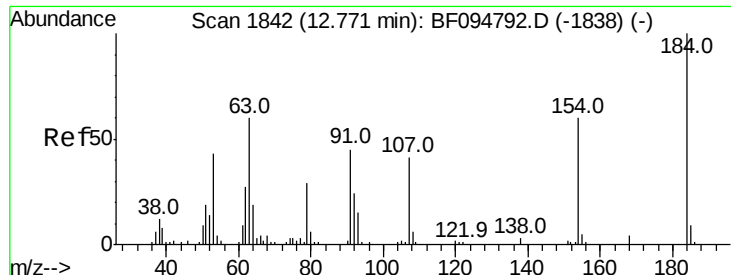


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

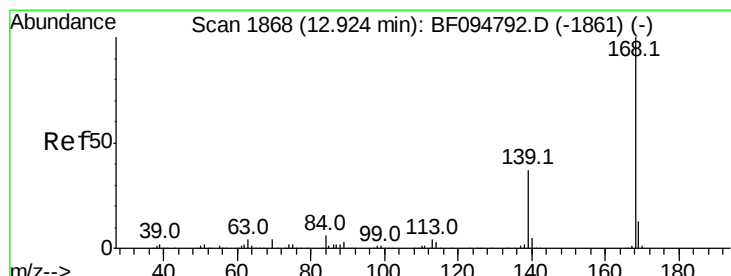
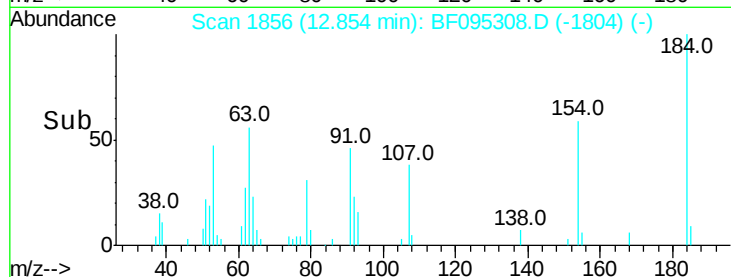
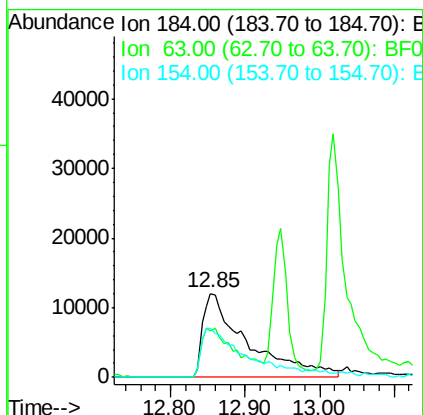
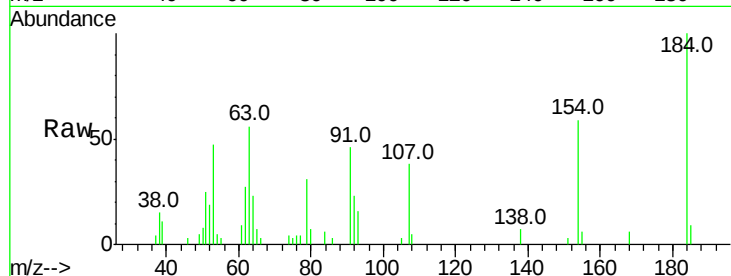




#53
 2,4-Dinitrophenol
 Concen: 35.89 ng
 RT: 12.85 min Scan# 1856
 Delta R.T. 0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

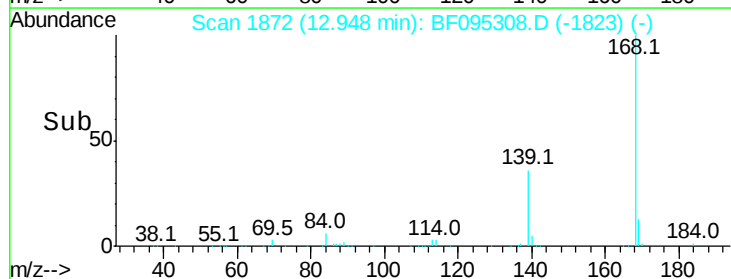
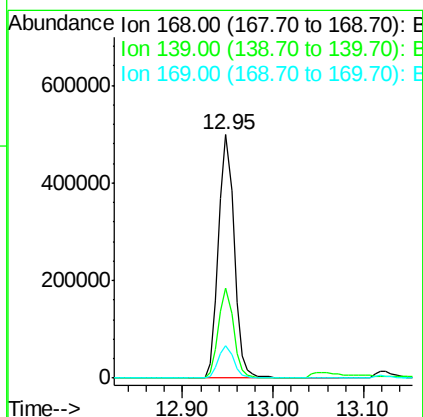
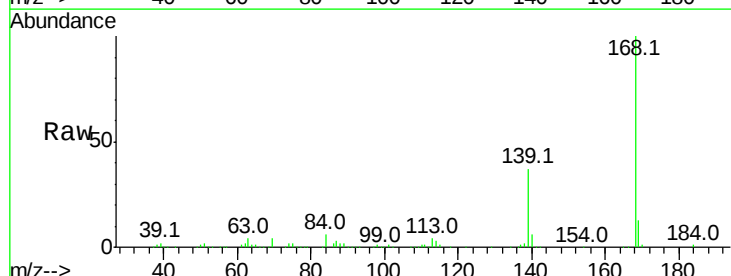
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 50356
 Ion Ratio Lower Upper
 184 100
 63 56.1 62.7 94.1#
 154 58.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 39.81 ng
 RT: 12.95 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Tgt Ion:168 Resp: 594902
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.6 45.8
 169 13.1 10.8 16.2

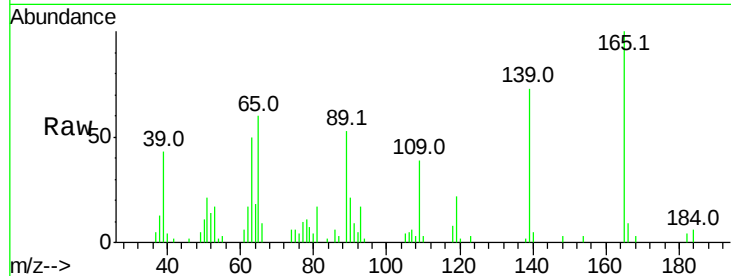




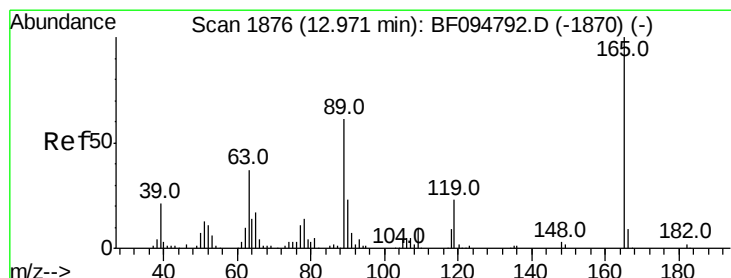
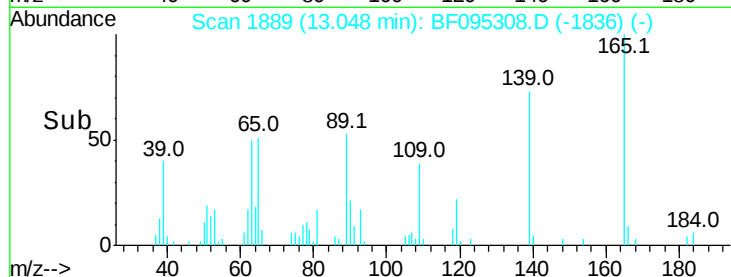
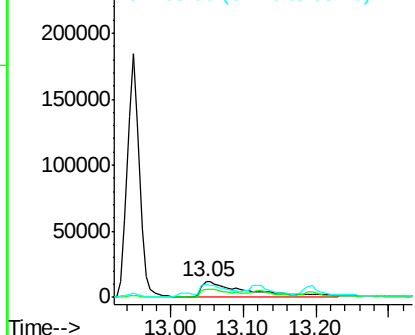
#55
4-Nitrophenol
Concen: 27.77 ng
RT: 13.05 min Scan# 1889
Delta R.T. 0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 50902
Ion Ratio Lower Upper
139 100
109 53.0 34.1 74.1
65 81.5 31.4 71.4#

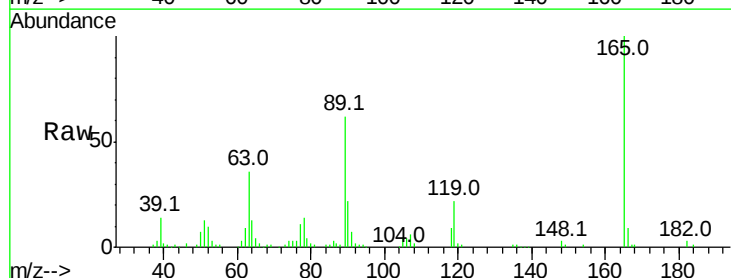


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

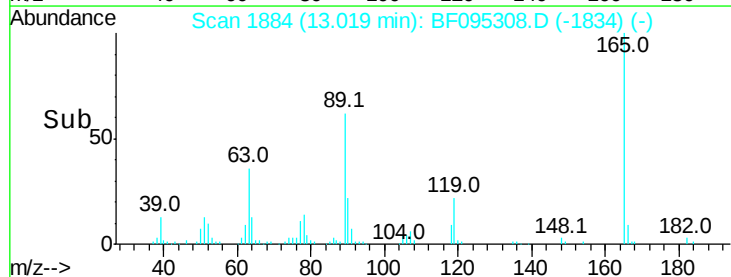
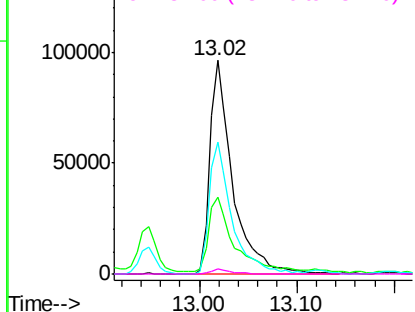


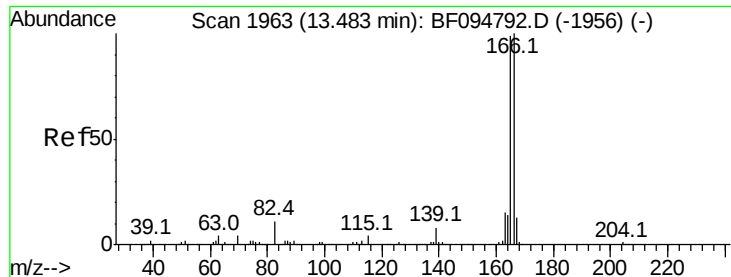
#56
2,4-Dinitrotoluene
Concen: 42.32 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

Tgt Ion:165 Resp: 154607
Ion Ratio Lower Upper
165 100
63 36.3 25.4 38.0
89 61.8 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: 38.45 ng

RT: 13.50 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

Instrument :

BNA_F

ClientSampleId :

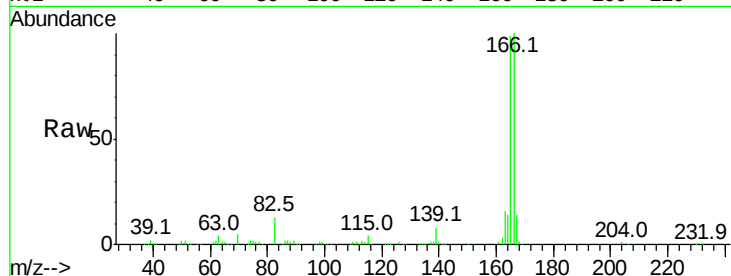
Tot Ion:166 Resp: 499569

Ion Ratio Lower Upper

166 100

165 99.1 78.8 118.2

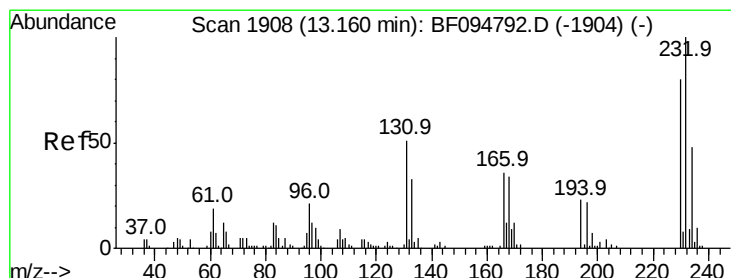
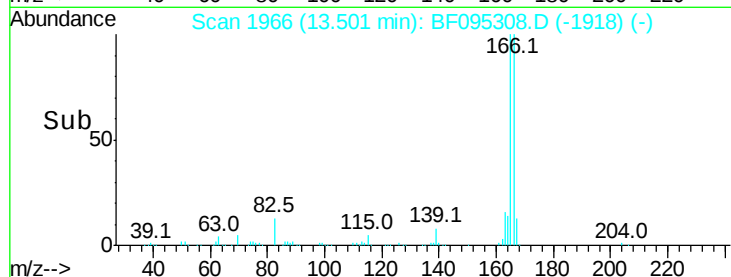
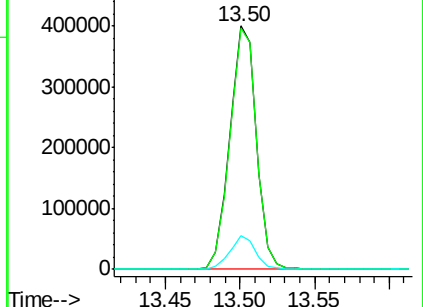
167 13.6 10.6 16.0



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: 38.54 ng

RT: 13.20 min Scan# 1914

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

Tgt Ion:232 Resp: 90870

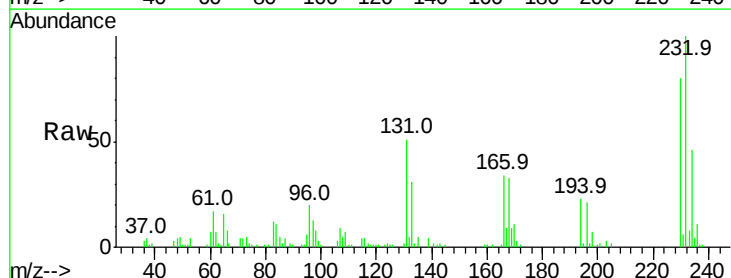
Ion Ratio Lower Upper

232 100

131 51.1 44.8 67.2

130 1.9 2.3 3.5#

166 35.2 29.0 43.4

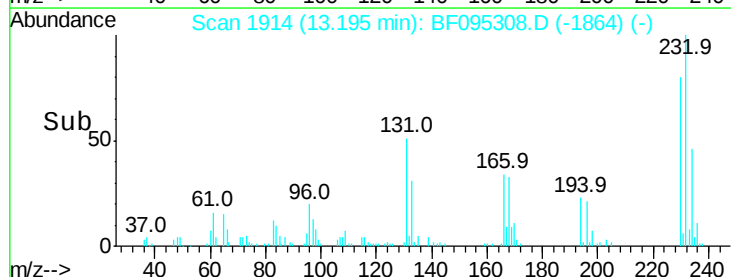
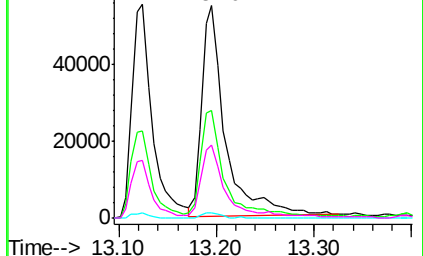


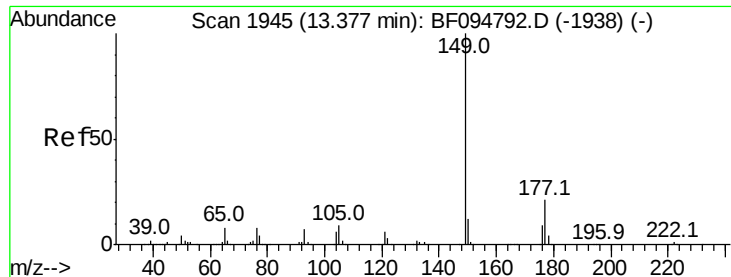
Abundance Ion 232.00 (231.70 to 232.70): E

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

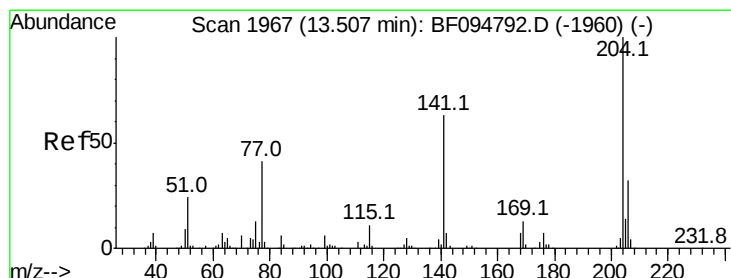
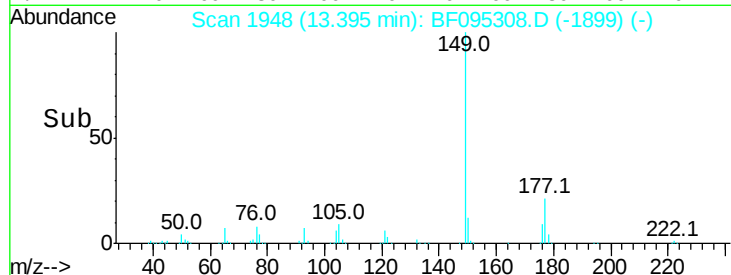
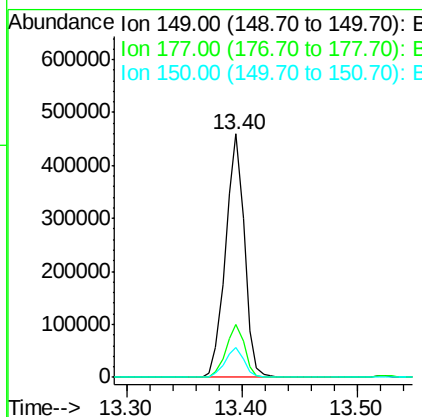
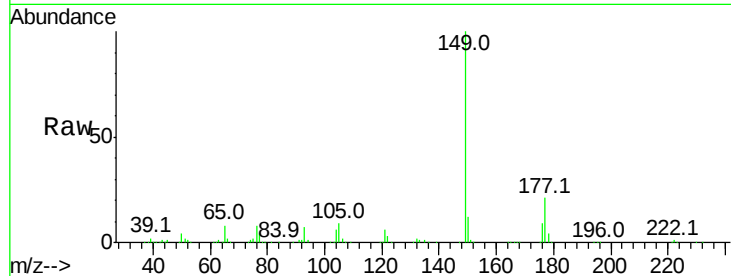




#59
Diethylphthalate
Concen: 38.73 ng
RT: 13.40 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

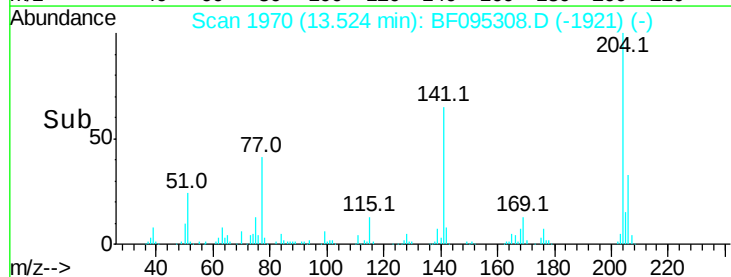
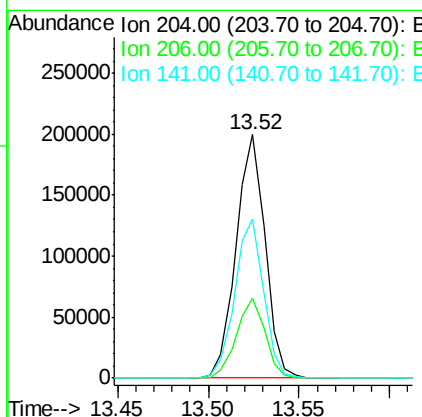
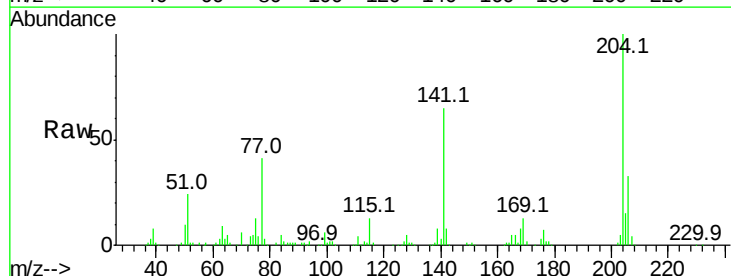
Instrument :
BNA_F
ClientSampleId :

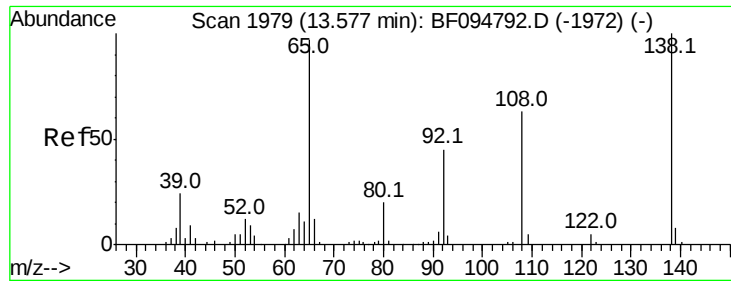
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.5	16.7	25.1
150	12.4	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 38.95 ng
RT: 13.52 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.2	39.2
141	65.2	60.8	91.2

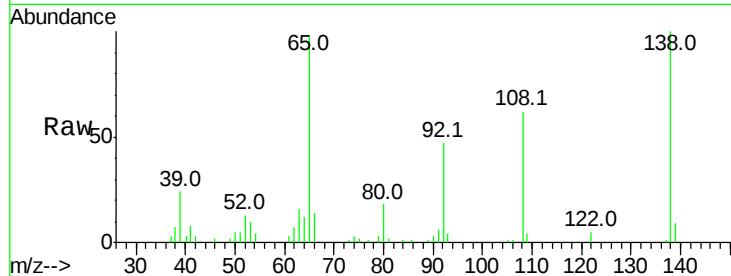




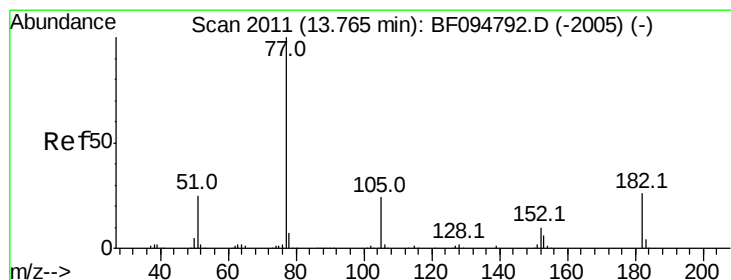
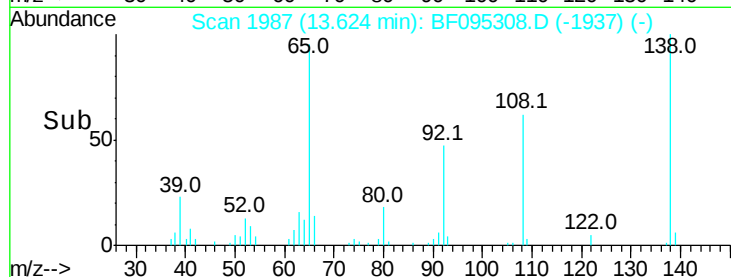
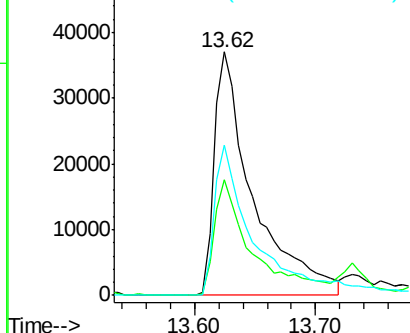
#61
4-Nitroaniline
Concen: 29.24 ng
RT: 13.62 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 81930
Ion Ratio Lower Upper
138 100
92 47.5 21.8 61.8
108 61.7 42.3 82.3

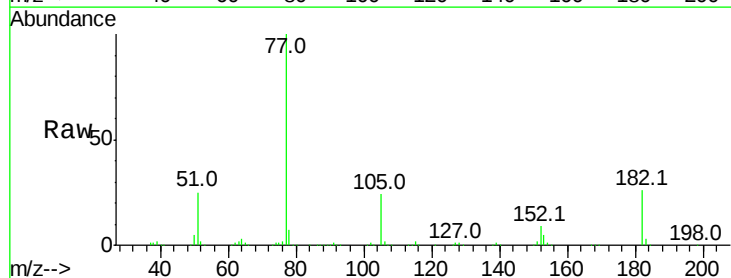


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

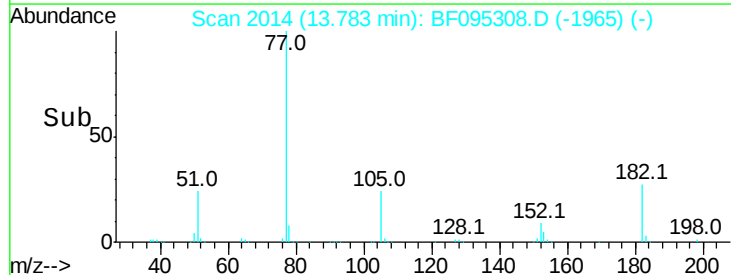
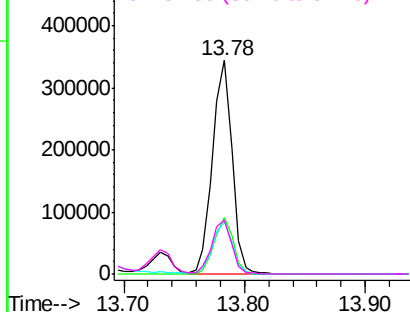


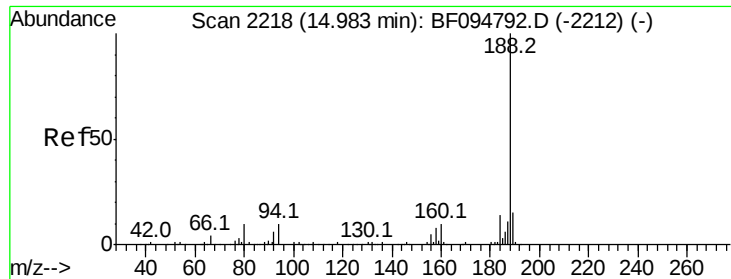
#62
Azobenzene
Concen: 35.88 ng
RT: 13.78 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

Tgt Ion: 77 Resp: 385170
Ion Ratio Lower Upper
77 100
182 26.4 0.1 40.1
105 24.3 3.6 43.6
51 24.9 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

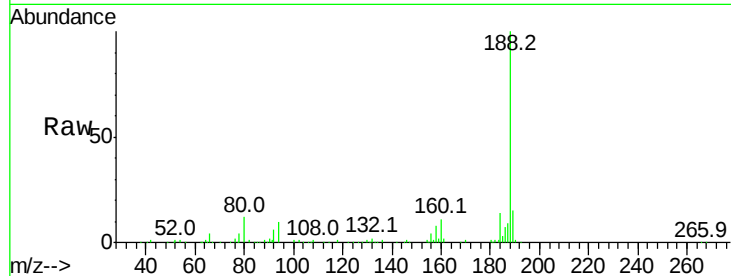




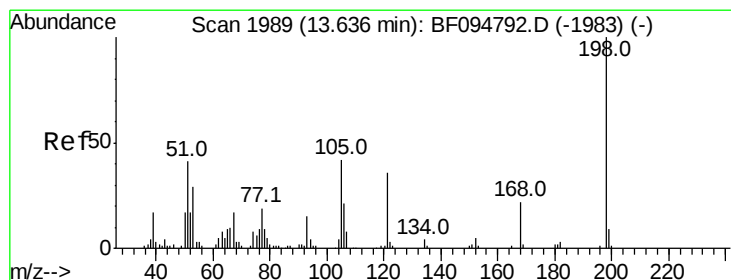
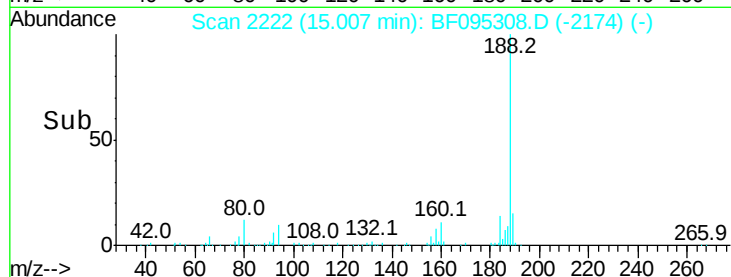
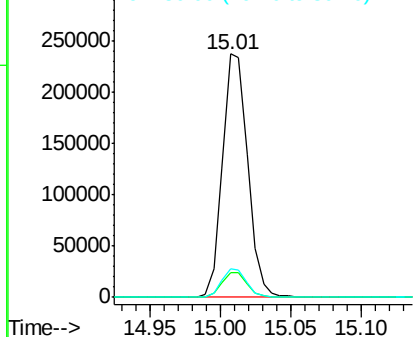
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.01 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 295889
Ion Ratio Lower Upper
188 100
94 10.3 9.4 14.2
80 12.0 10.2 15.2

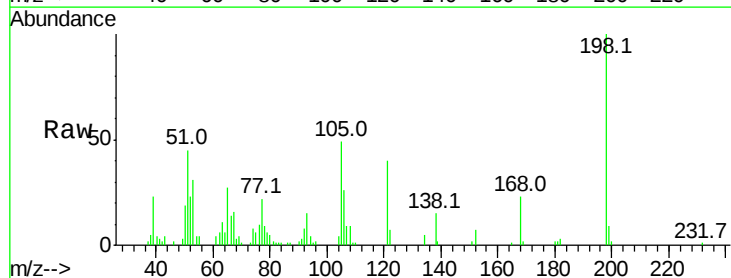


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

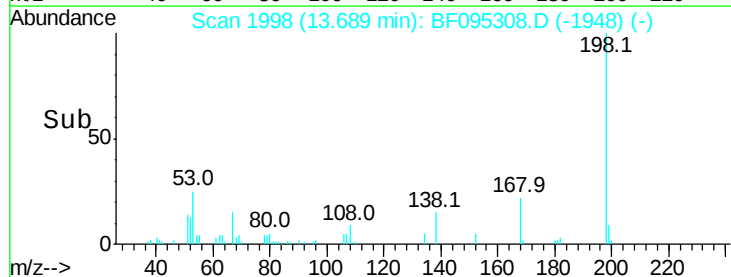
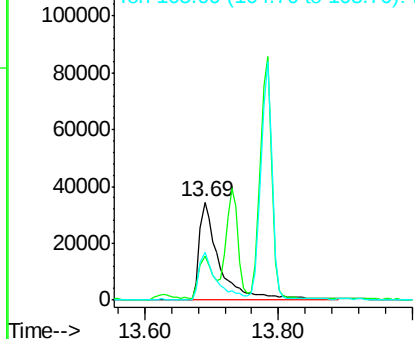


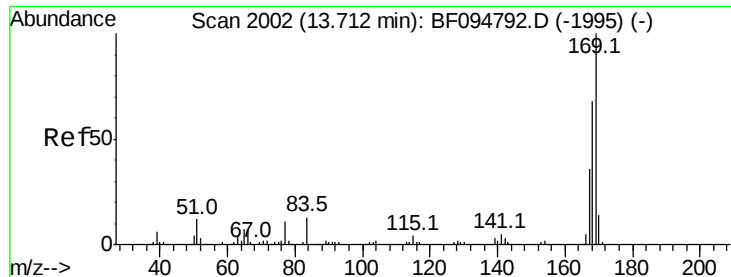
#64
4,6-Dinitro-2-methylphenol
Concen: 36.32 ng
RT: 13.69 min Scan# 1998
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

Tgt Ion:198 Resp: 72043
Ion Ratio Lower Upper
198 100
51 44.8 53.2 93.2#
105 48.9 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

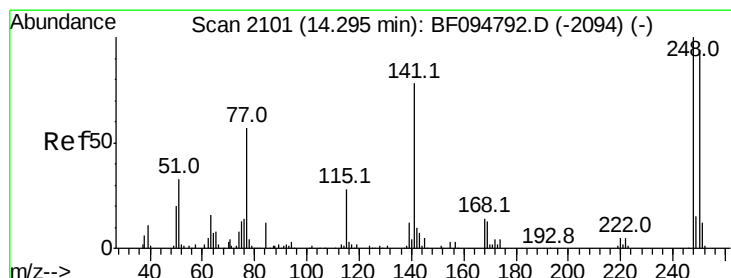
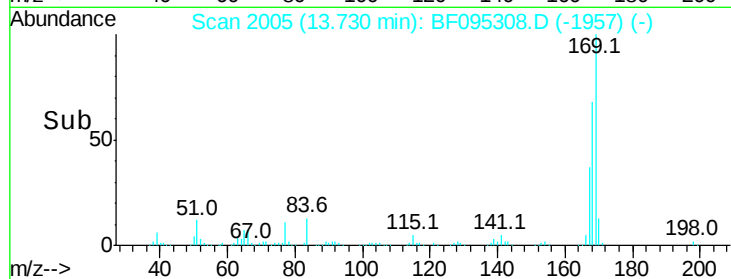
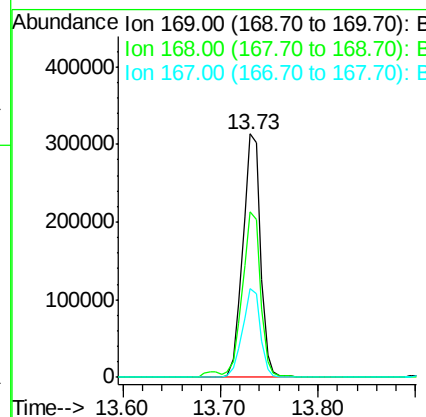
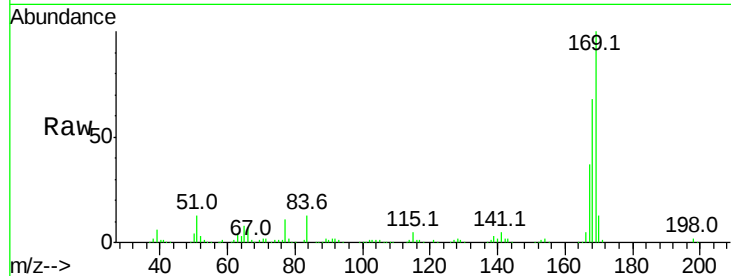




#65
 n-Nitrosodiphenylamine
 Concen: 36.78 ng
 RT: 13.73 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

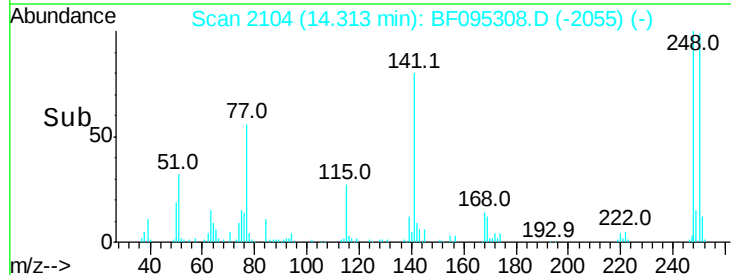
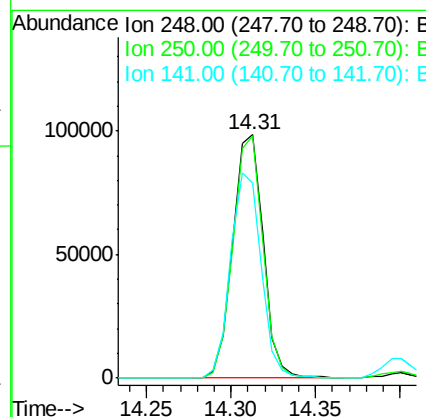
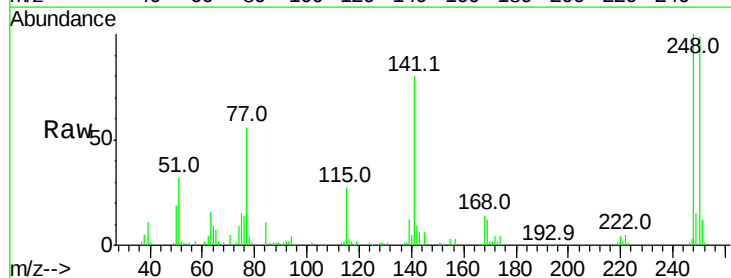
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	68.2	53.2	79.8
167	36.5	29.5	44.3



#66
 4-Bromophenyl-phenylether
 Concen: 39.45 ng
 RT: 14.31 min Scan# 2104
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.4	76.8	115.2
141	80.2	68.6	103.0





#67

Hexachlorobenzene

Concen: 39.62 ng

RT: 14.40 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

Instrument :

BNA_F

ClientSampled :

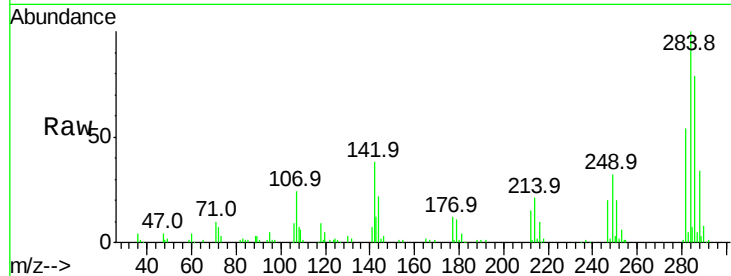
Tot Ion:284 Resp: 126915

Ion Ratio Lower Upper

284 100

142 37.6 22.8 34.2#

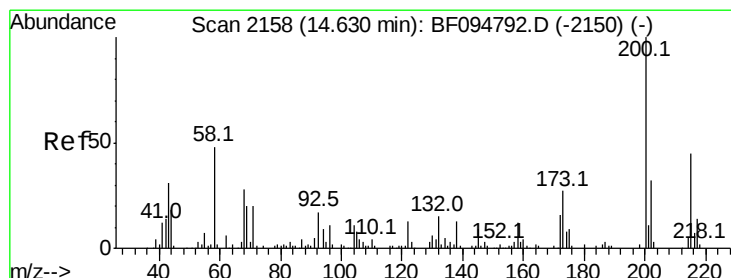
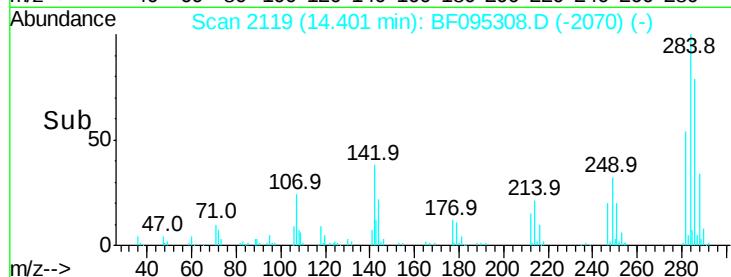
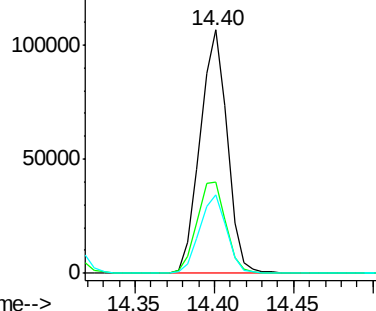
249 32.1 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 38.96 ng

RT: 14.65 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

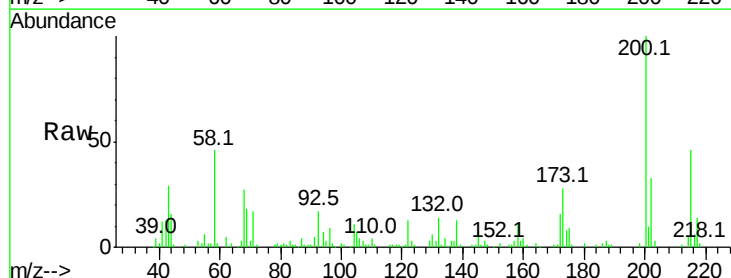
Tgt Ion:200 Resp: 118132

Ion Ratio Lower Upper

200 100

173 27.5 6.3 46.3

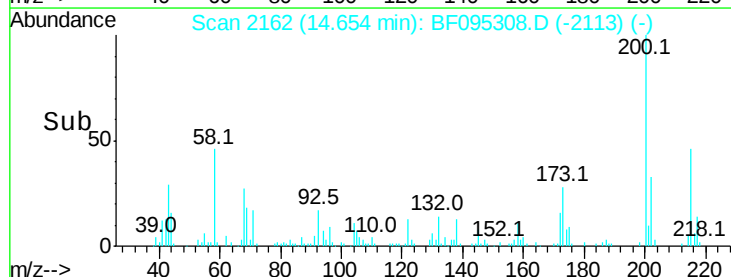
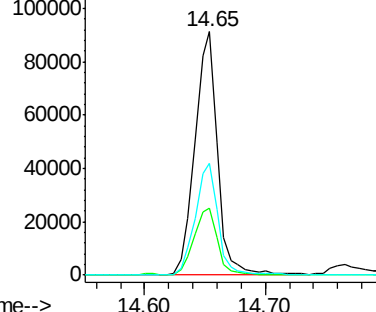
215 45.8 27.2 67.2

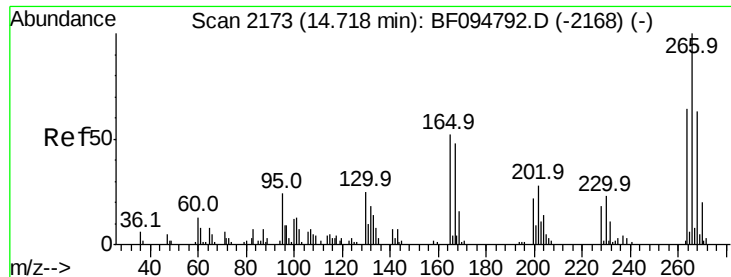


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

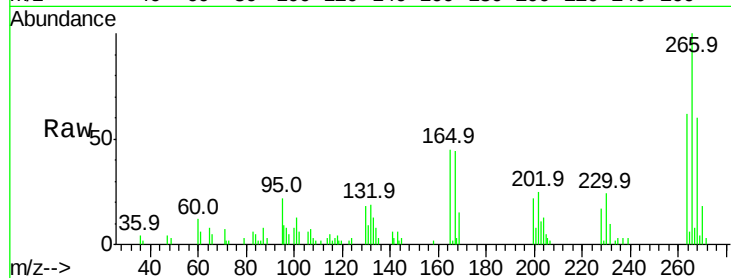




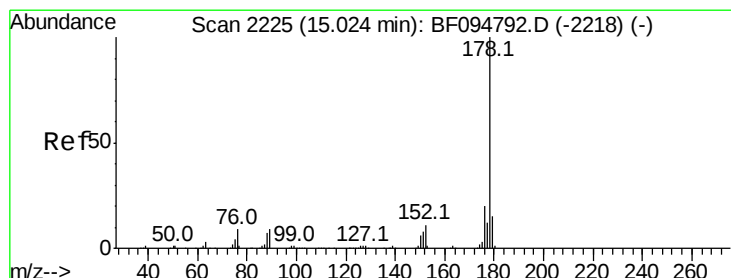
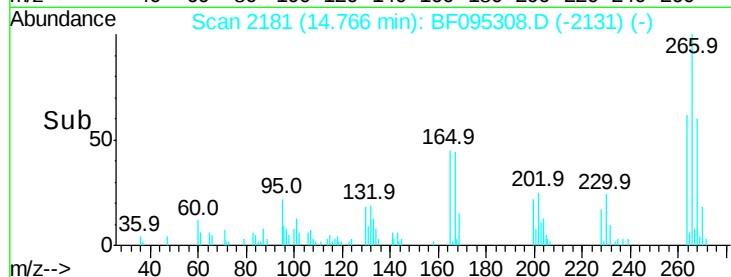
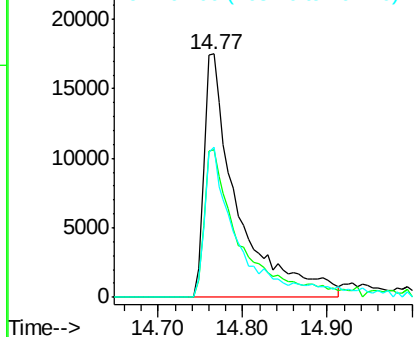
#69
 Pentachlorophenol
 Concen: 36.81 ng
 RT: 14.77 min Scan# 2181
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 48368
 Ion Ratio Lower Upper
 266 100
 268 60.4 51.1 76.7
 264 61.7 51.7 77.5

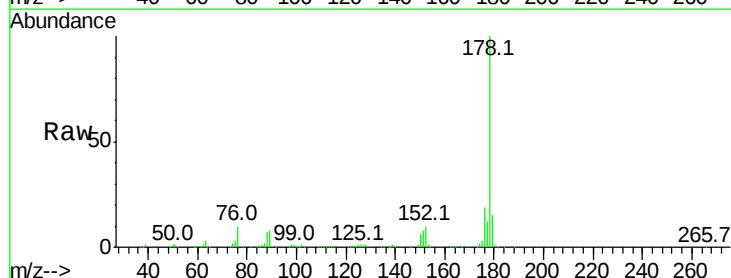


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

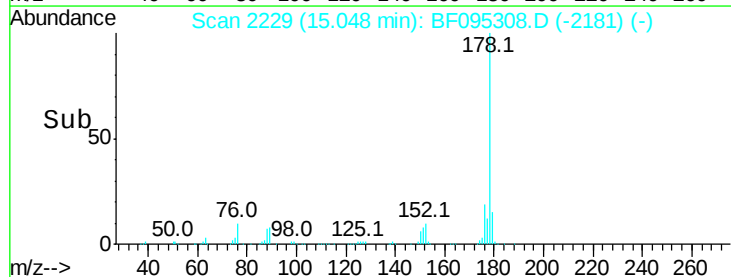
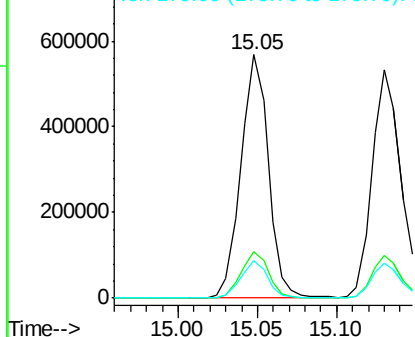


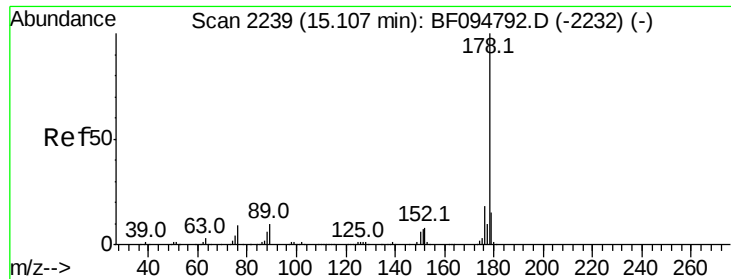
#70
 Phenanthrene
 Concen: 40.23 ng
 RT: 15.05 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Tgt Ion:178 Resp: 683900
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.2 12.6 19.0



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

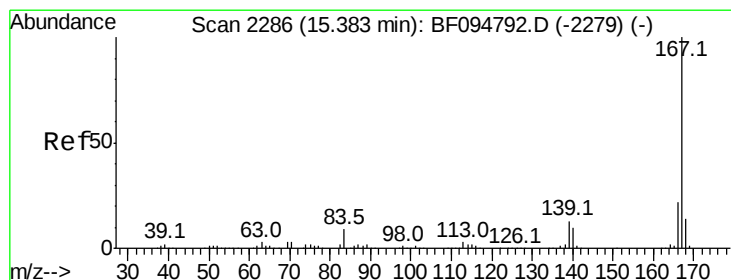
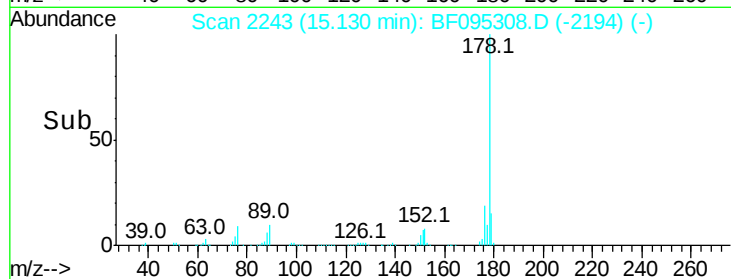
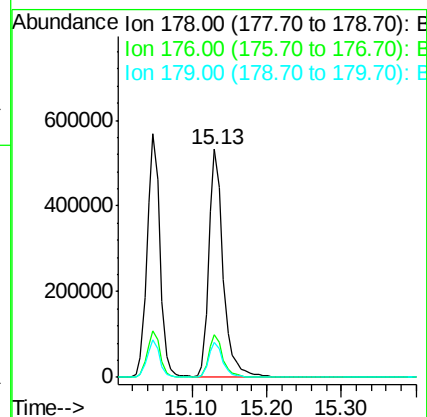
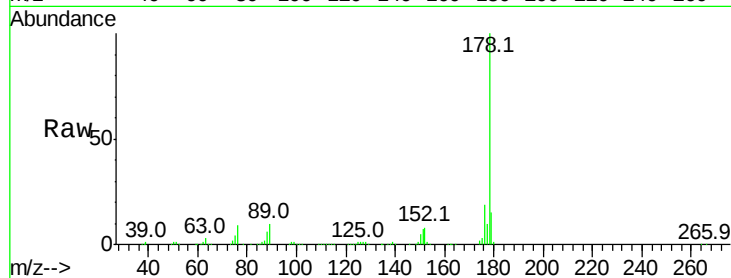




#71
 Anthracene
 Concen: 41.36 ng
 RT: 15.13 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

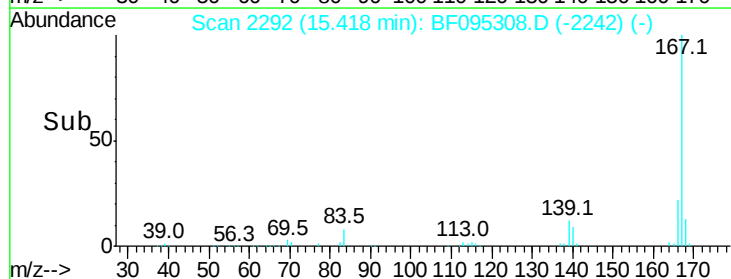
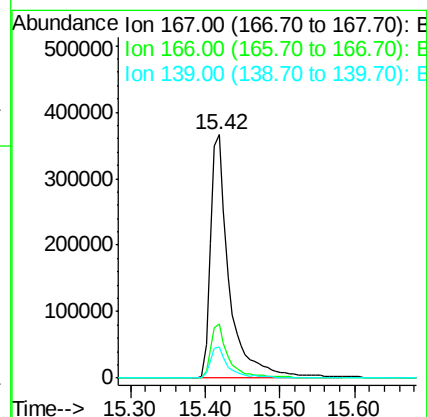
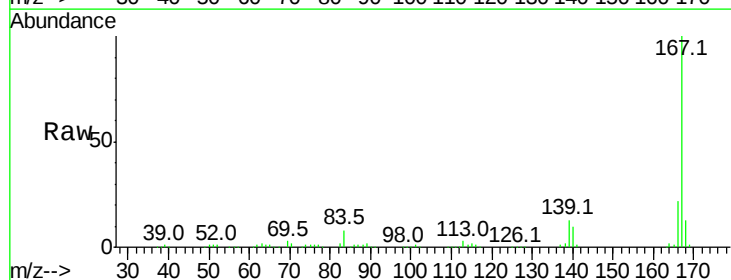
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 718335
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 40.73 ng
 RT: 15.42 min Scan# 2292
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Tgt Ion:167 Resp: 643606
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 13.0 11.7 17.5

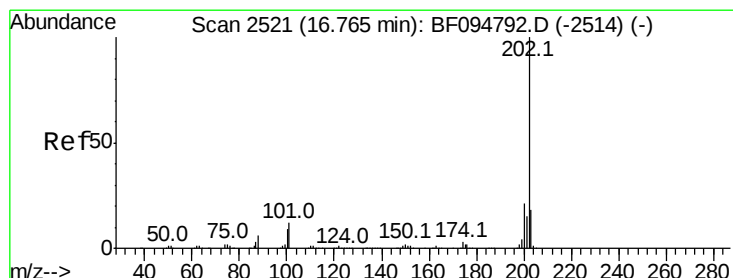
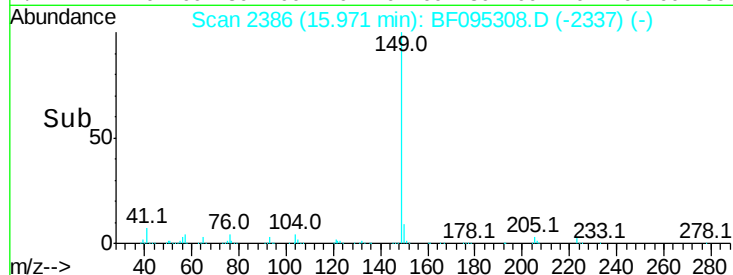
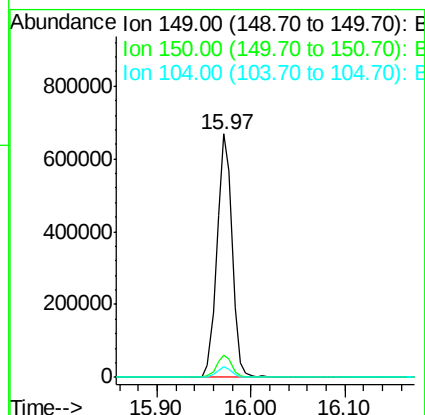
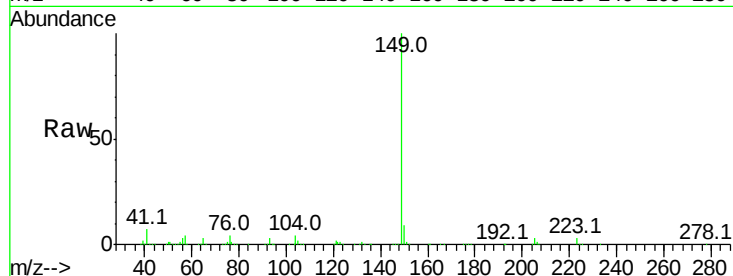




#73
Di-n-butylphthalate
Concen: 38.61 ng
RT: 15.97 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

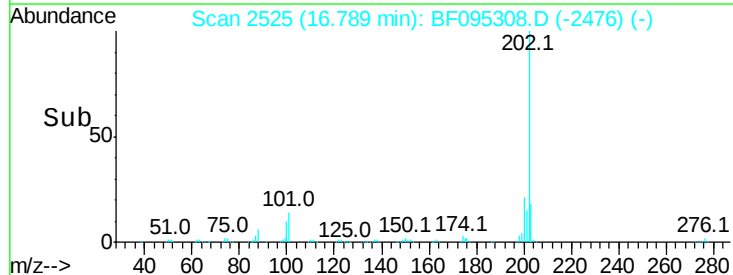
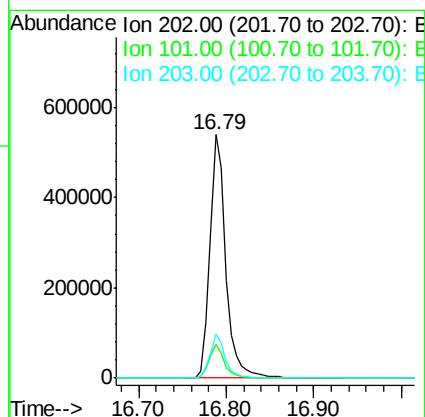
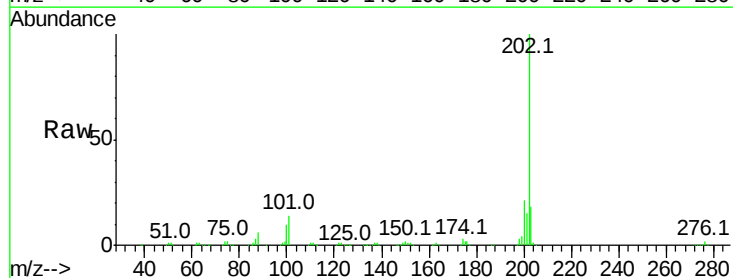
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 760698
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 39.27 ng
RT: 16.79 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

Tgt Ion:202 Resp: 684910
Ion Ratio Lower Upper
202 100
101 14.0 0.0 33.2
203 17.8 0.0 38.1

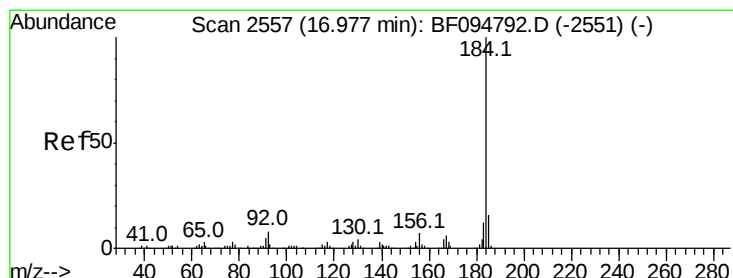
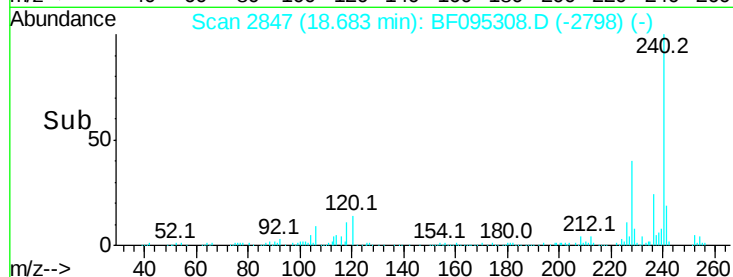
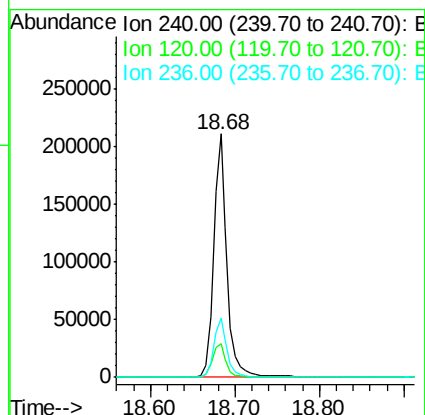
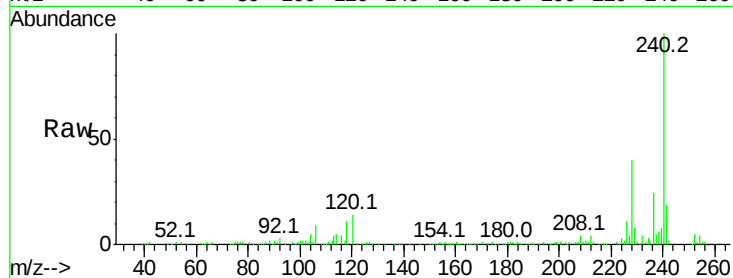




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.68 min Scan# 2847
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

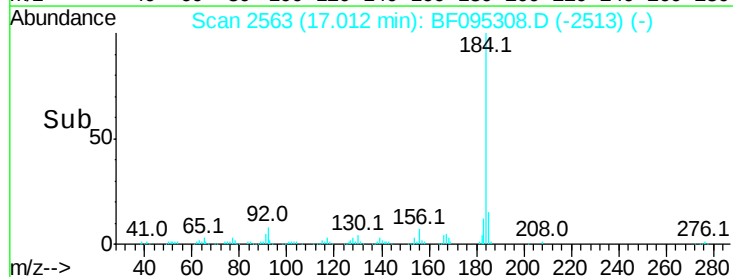
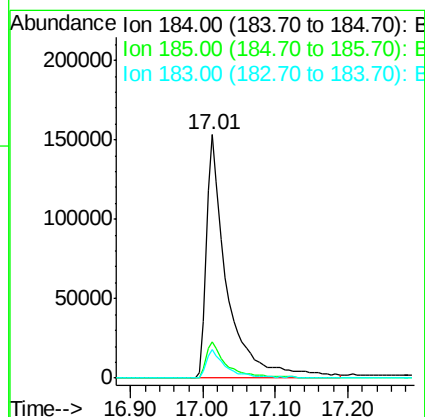
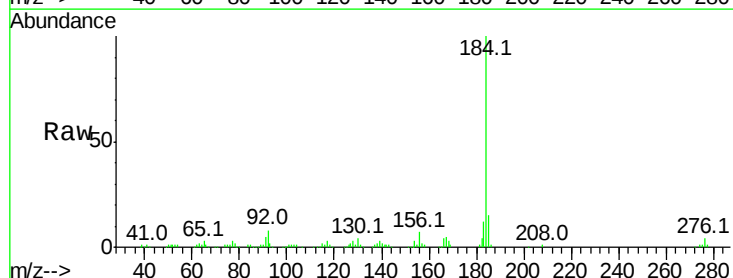
Instrument :
BNA_F
ClientSampleId :

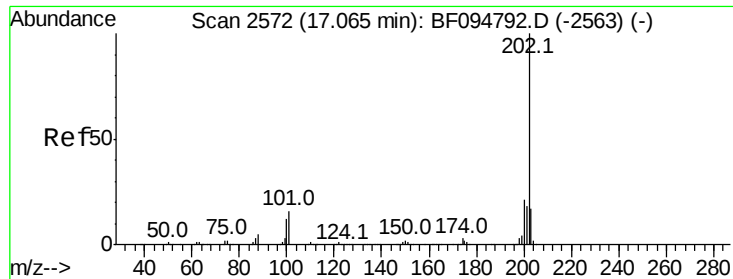
Tot Ion:240 Resp: 234540
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 24.3 20.5 30.7



#76
Benzidine
Concen: 47.84 ng
RT: 17.01 min Scan# 2563
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

Tgt Ion:184 Resp: 303301
Ion Ratio Lower Upper
184 100
185 15.1 15.5 23.3#
183 11.6 9.8 14.6

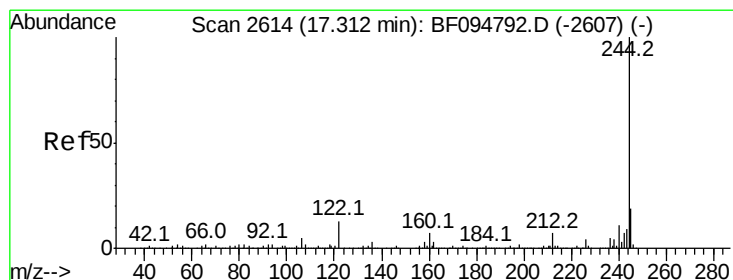
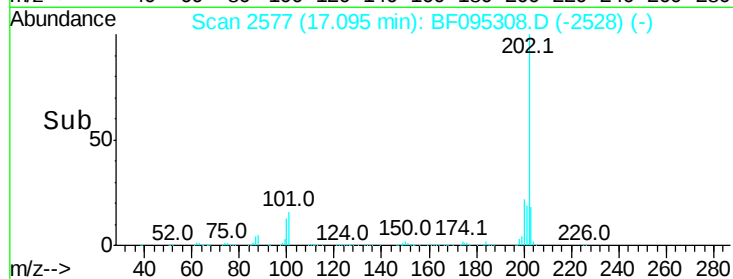
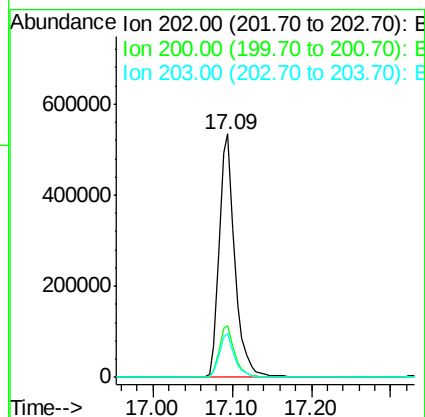
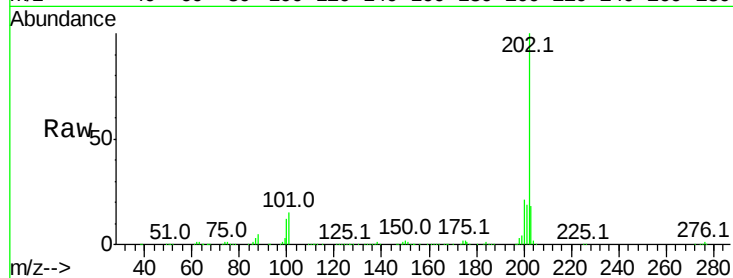




#77
Pvrene
Concen: 41.54 ng
RT: 17.09 min Scan# 2577
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

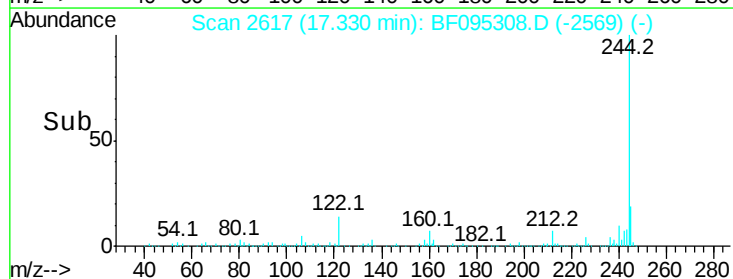
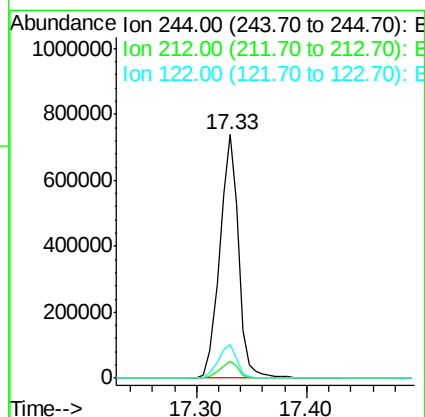
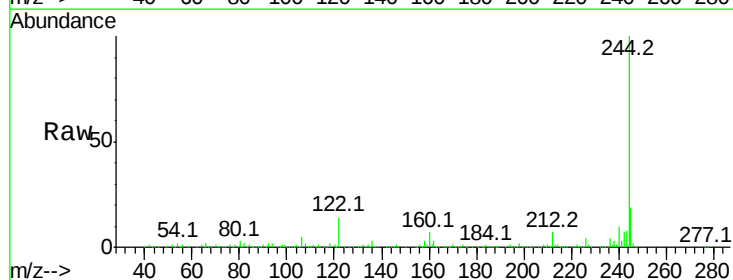
Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 728597
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.9 14.4 21.6



#78
Terphenyl-d14
Concen: 81.17 ng
RT: 17.33 min Scan# 2617
Delta R.T. -0.02 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

Tgt Ion:244 Resp: 864342
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 13.6 10.3 15.5

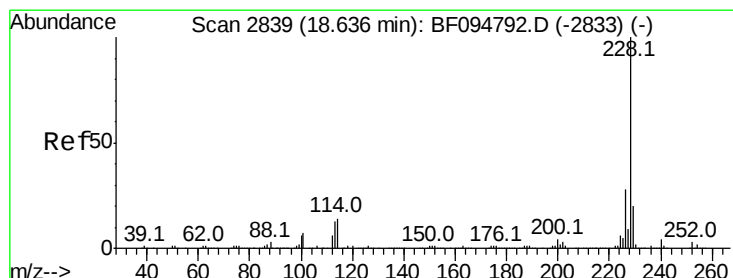
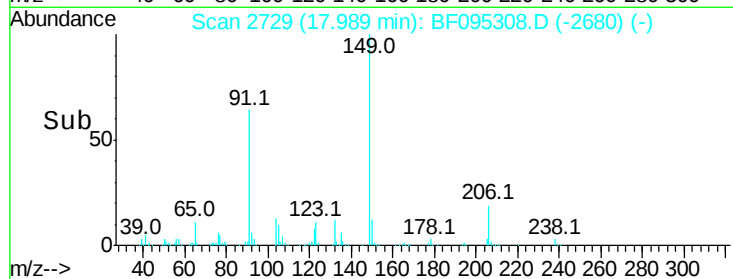
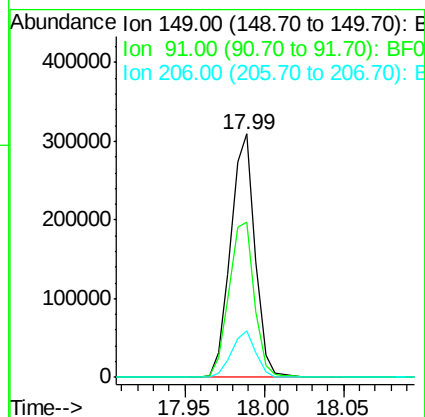
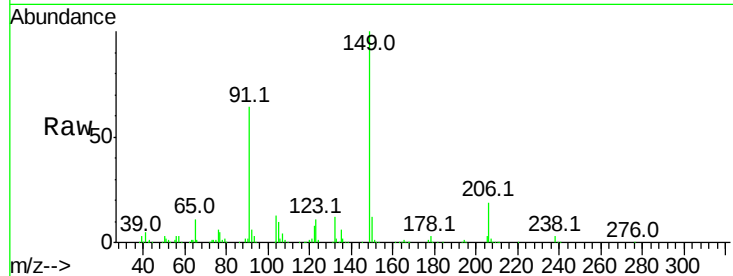




#79
Butylbenzylphthalate
Concen: 40.52 ng
RT: 17.99 min Scan# 2729
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

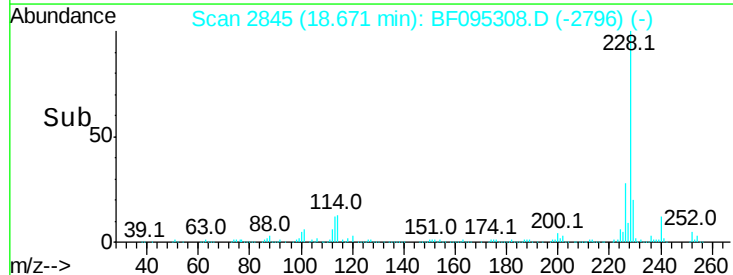
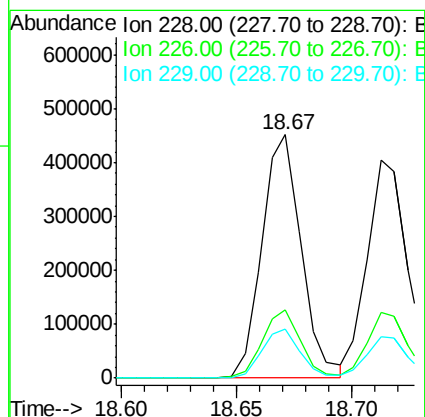
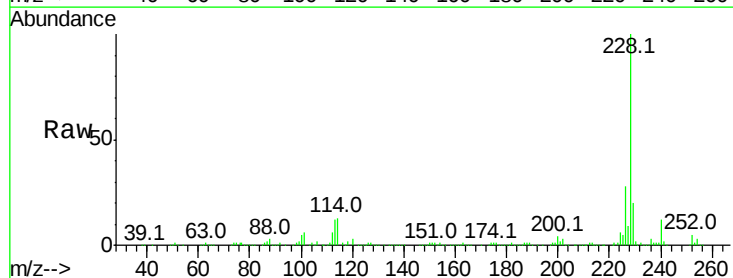
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	63.6	45.0	67.4
206	19.3	17.0	25.6



#80
Benzo(a)anthracene
Concen: 39.19 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	20.1	16.3	24.5

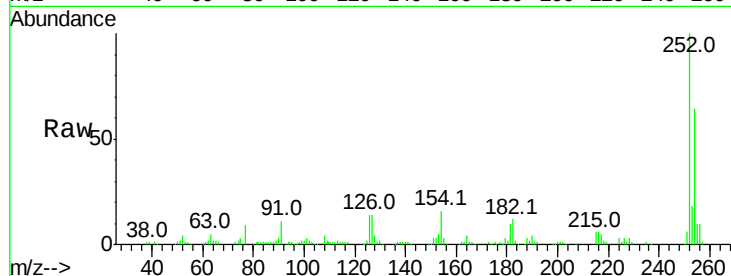




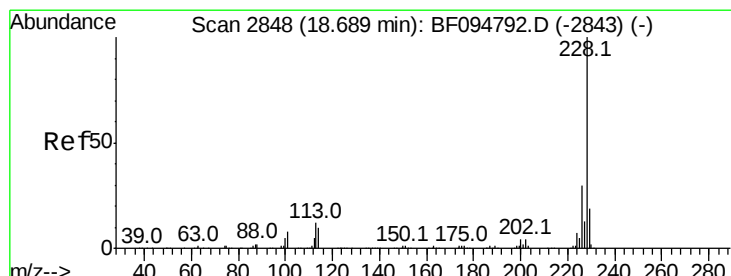
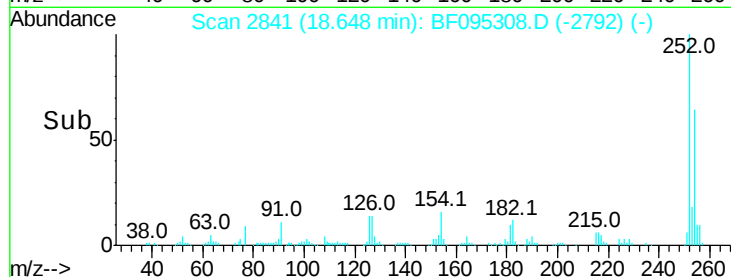
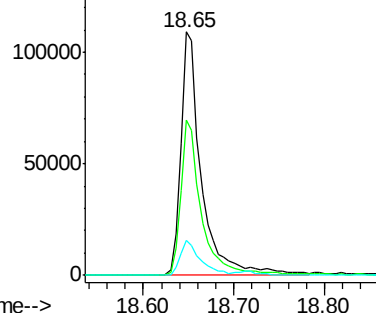
#81
 3,3'-Dichlorobenzidine
 Concen: 36.72 ng
 RT: 18.65 min Scan# 2841
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.0	51.5	77.3
126	14.4	15.8	23.8

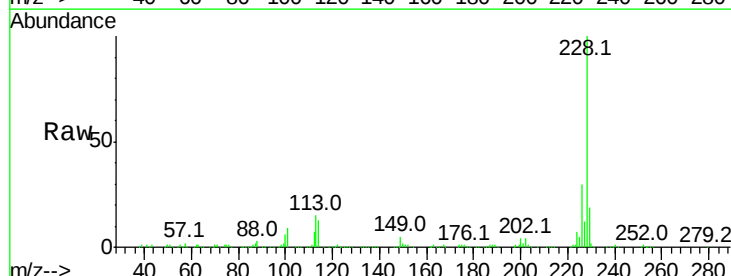


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

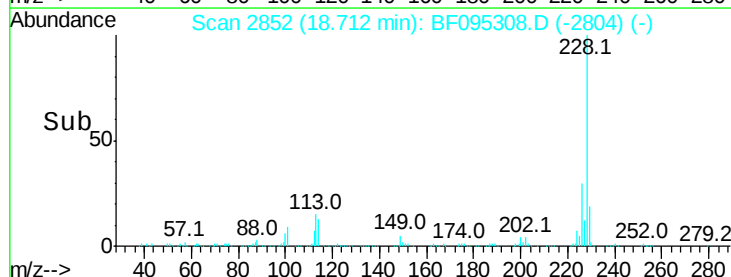
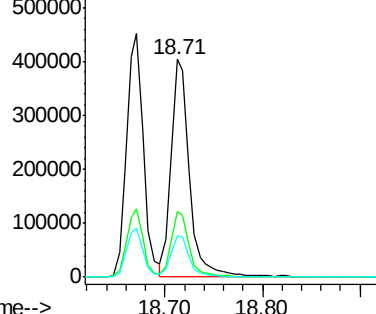


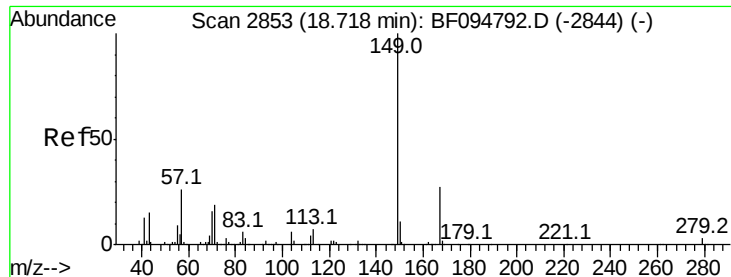
#82
 Chrysene
 Concen: 39.78 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	19.0	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

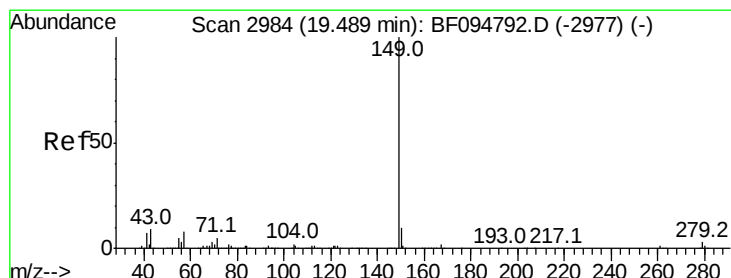
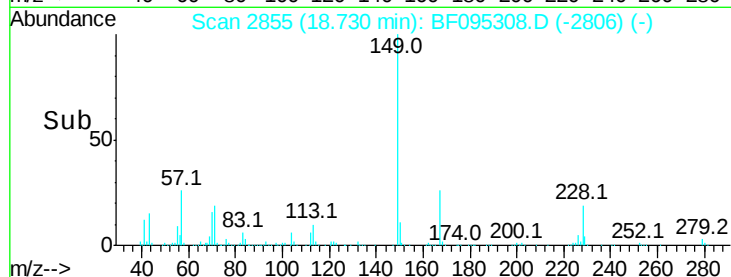
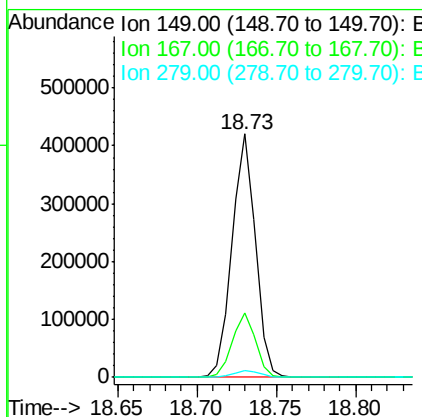
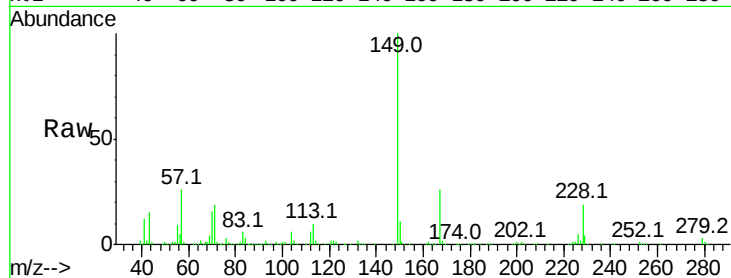




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 37.02 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

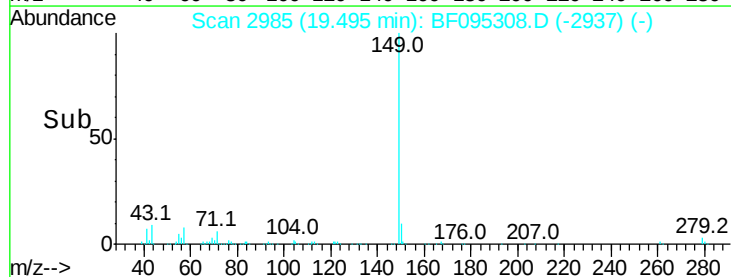
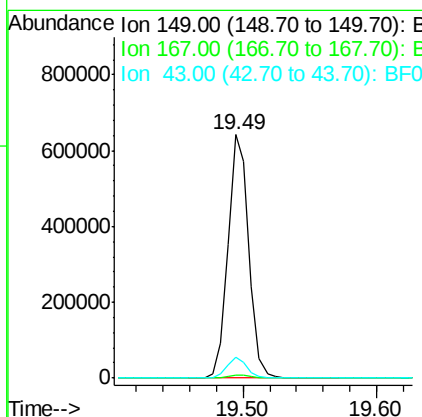
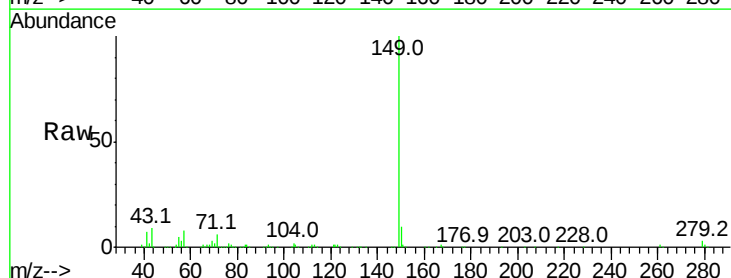
Instrument :
 BNA_F
 ClientSampled :

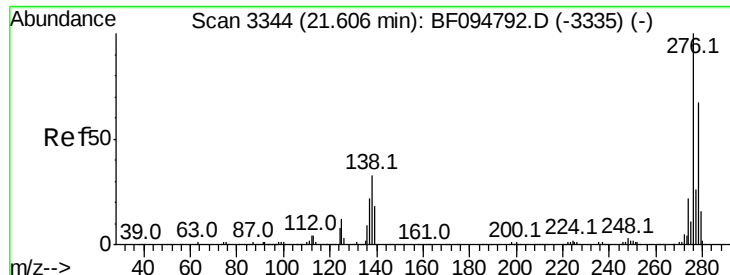
Tot Ion:149 Resp: 430334
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 36.89 ng
 RT: 19.49 min Scan# 2985
 Delta R.T. -0.02 min
 Lab File: BF095308.D
 Acq: 22 May 2017 12:00

Tgt Ion:149 Resp: 703002
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.6 8.5 12.7

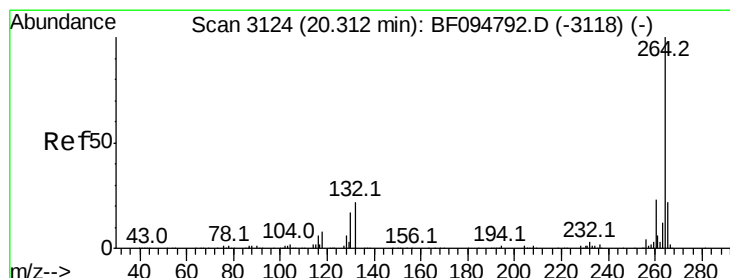
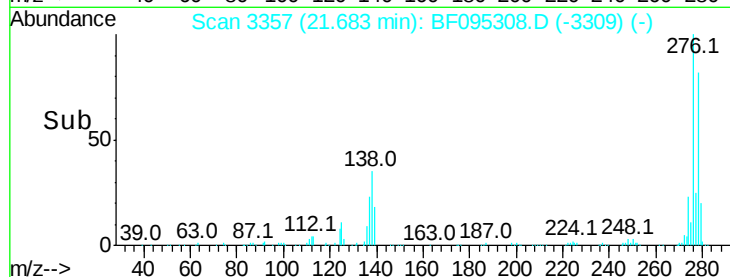
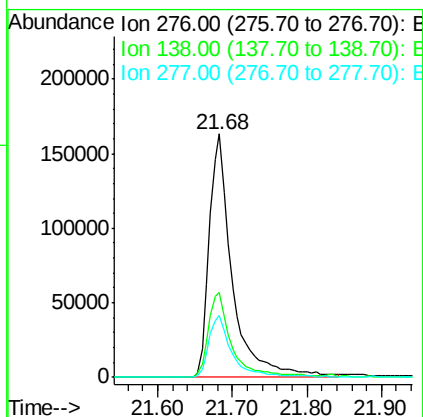
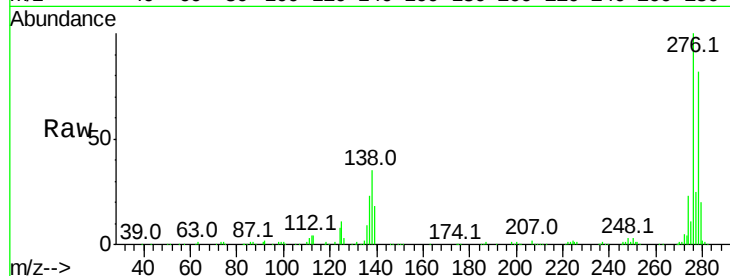




#85
Indeno(1,2,3-cd)pyrene
Concen: 32.80 ng
RT: 21.68 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

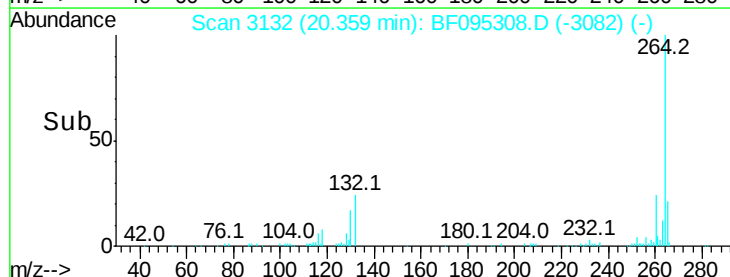
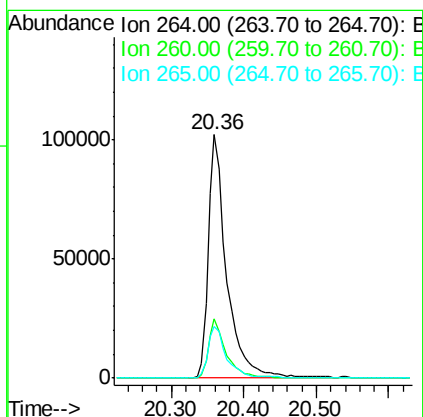
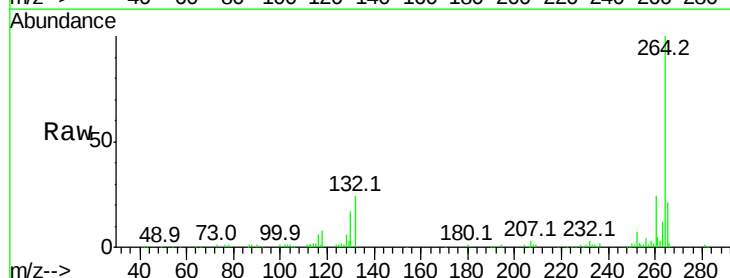
Instrument :
BNA_F
ClientSampleId :

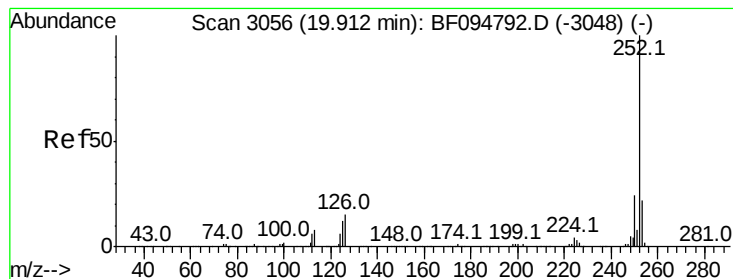
Tot Ion:276 Resp: 351602
Ion Ratio Lower Upper
276 100
138 35.1 27.8 41.6
277 25.5 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.36 min Scan# 3132
Delta R.T. -0.01 min
Lab File: BF095308.D
Acq: 22 May 2017 12:00

Tgt Ion:264 Resp: 179323
Ion Ratio Lower Upper
264 100
260 24.3 19.5 29.3
265 21.1 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 36.65 ng

RT: 19.95 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

Instrument :

BNA_F

ClientSampleId :

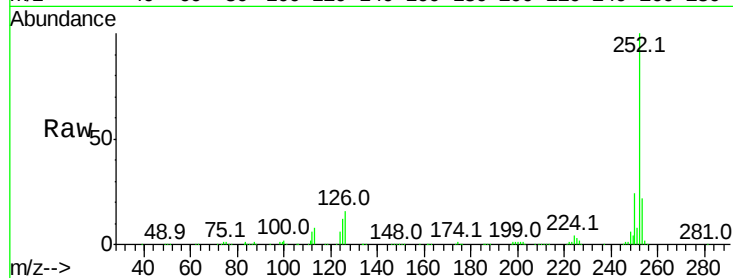
Tot Ion:252 Resp: 406063

Ion Ratio Lower Upper

252 100

253 21.7 18.1 27.1

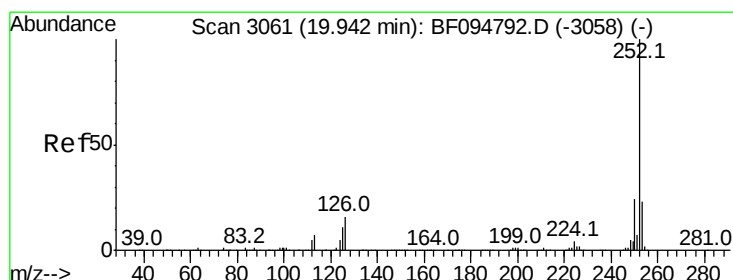
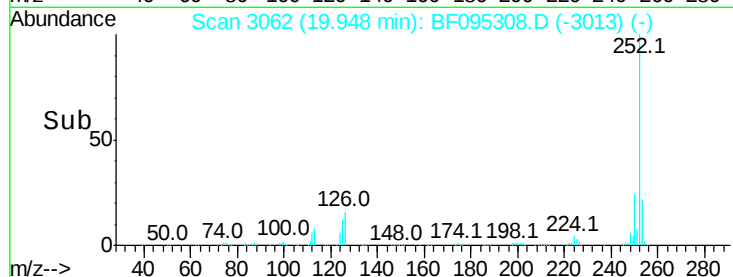
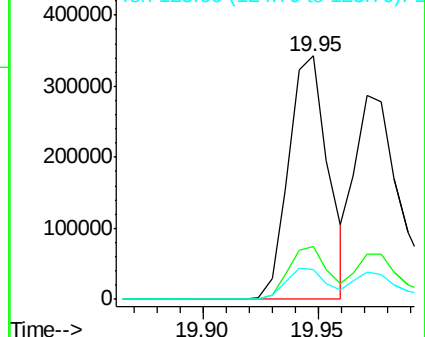
125 12.4 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 40.00 ng

RT: 19.97 min Scan# 3066

Delta R.T. -0.02 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

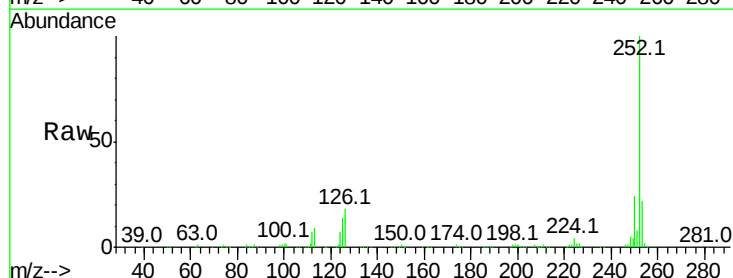
Tgt Ion:252 Resp: 427587

Ion Ratio Lower Upper

252 100

253 22.1 18.4 27.6

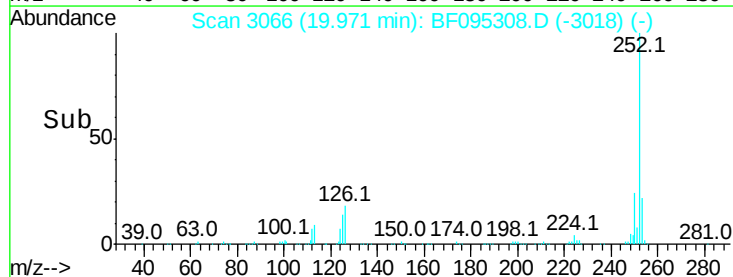
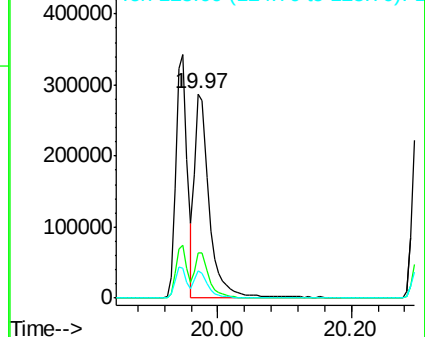
125 13.6 13.1 19.7

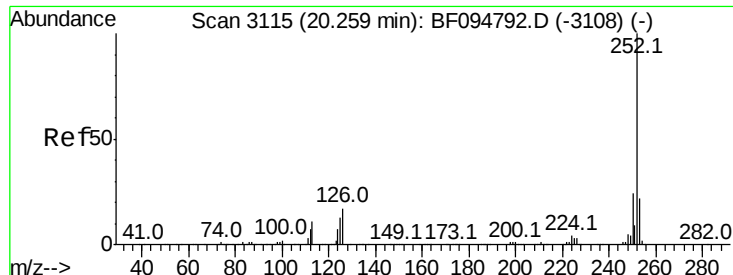


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 38.93 ng

RT: 20.30 min Scan# 3122

Delta R.T. -0.01 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

Instrument :

BNA_F

ClientSampleId :

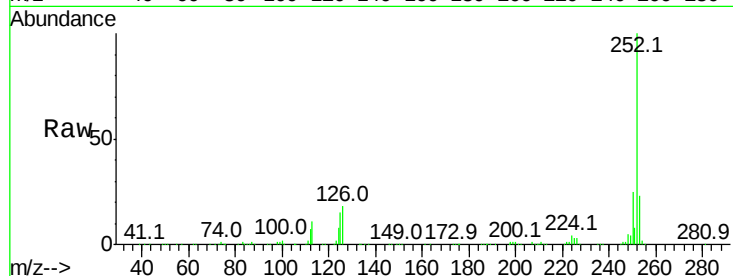
Tot Ion:252 Resp: 398041

Ion Ratio Lower Upper

252 100

253 22.6 17.5 26.3

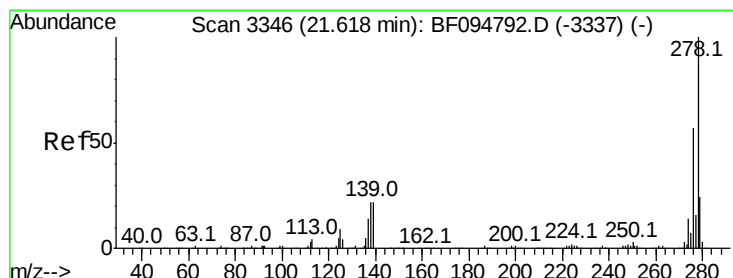
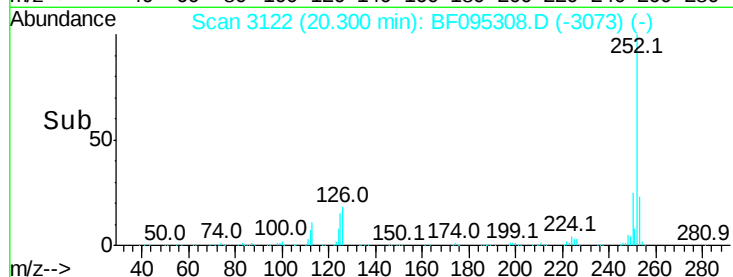
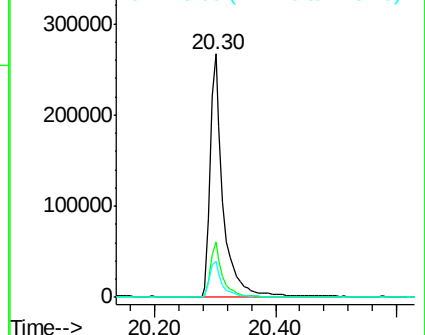
125 14.8 11.0 16.4



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: 35.63 ng

RT: 21.68 min Scan# 3357

Delta R.T. -0.02 min

Lab File: BF095308.D

Acq: 22 May 2017 12:00

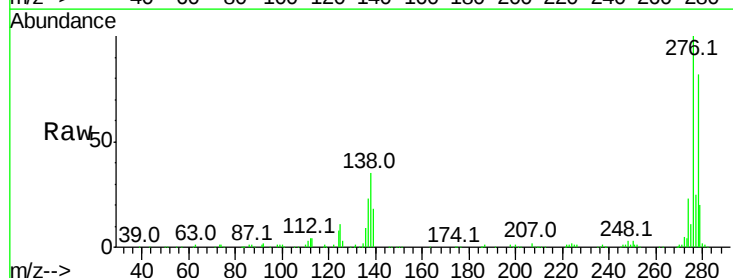
Tgt Ion:278 Resp: 300879

Ion Ratio Lower Upper

278 100

139 22.4 16.6 24.8

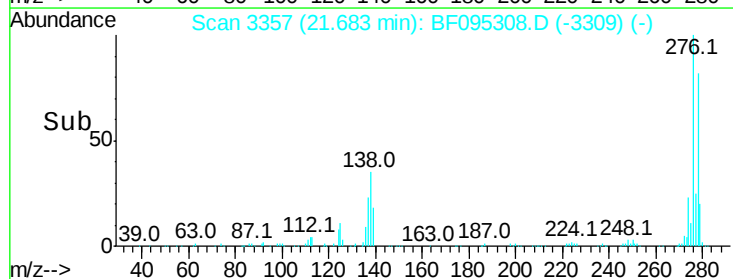
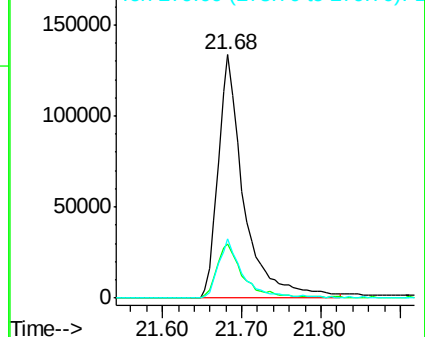
279 24.3 19.3 28.9



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: 38.21 ng

RT: 22.07 min Scan# 3422

Delta R.T. -0.02 min

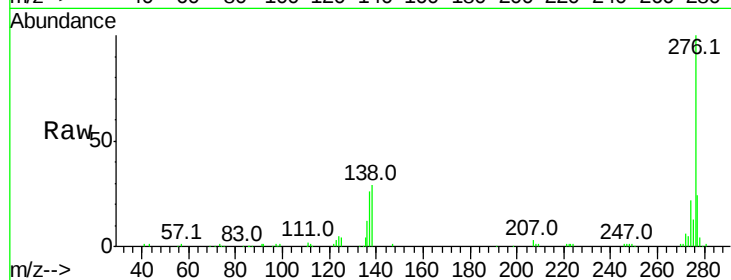
Lab File: BF095308.D

Acq: 22 May 2017 12:00

Instrument :

BNA_F

ClientSampleId :



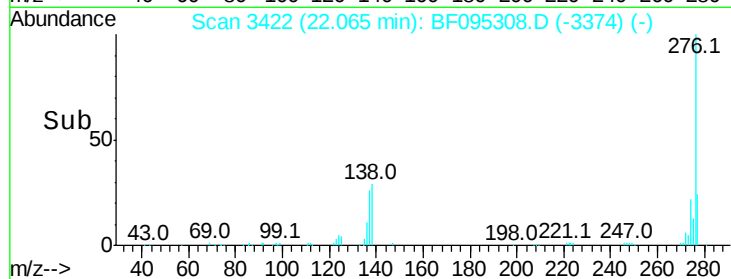
Tot Ion: 276 Resp: 316656

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 29.3 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

