

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
 Data File : BF095218.D
 Acq On : 18 May 2017 10:48
 Operator : SJ/MA
 Sample : I3192-05MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 18 12:51:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	87559	20.00	ng	0.04
21) Naphthalene-d8	9.79	136	340871	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	135023	20.00	ng	0.04
63) Phenanthrene-d10	15.02	188	181521	20.00	ng	0.04
75) Chrysene-d12	18.69	240	186099	20.00	ng	0.04
86) Perylene-d12	20.37	264	139068	20.00	ng	0.06

System Monitoring Compounds						
5) 2-Fluorophenol	5.75	112	594343	113.17	ng	0.07
7) Phenol-d6	7.32	99	719162	114.13	ng	0.04
23) Nitrobenzene-d5	8.67	82	419619	77.63	ng	0.04
41) 2,4,6-Tribromophenol	13.92	330	116950	105.76	ng	0.04
44) 2-Fluorobiphenyl	11.56	172	762928	81.33	ng	0.03
78) Terphenyl-d14	17.34	244	509183	60.26	ng	0.03

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.29	88	77227	29.98	ng	94
3) Pyridine	3.00	79	108024	18.10	ng	93
4) n-Nitrosodimethylamine	2.91	42	62108	24.96	ng	90
6) Aniline	7.28	93	215513	27.09	ng	95
8) 2-Chlorophenol	7.47	128	230721	38.60	ng	96
9) Benzaldehyde	7.11	77	81295	21.13	ng	92
10) Phenol	7.34	94	317099	47.75	ng	89
11) bis(2-Chloroethyl)ether	7.41	93	201099	36.68	ng	95
12) 1,3-Dichlorobenzene	7.68	146	245890	36.26	ng	99
13) 1,4-Dichlorobenzene	7.80	146	251129	36.52	ng	97
14) 1,2-Dichlorobenzene	8.03	146	242069	37.71	ng	96
15) Benzyl Alcohol	8.05	79	167862	41.42	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.26	45	259293	33.42	ng	65
17) 2-Methylphenol	8.27	107	173816	35.53	ng	# 91
18) Hexachloroethane	8.55	117	67875	29.14	ng	# 85
19) n-Nitroso-di-n-propylamine	8.47	70	155957	36.59	ng	93
20) 3+4-Methylphenols	8.53	107	229483	34.52	ng	# 58
22) Acetophenone	8.45	105	313898	38.38	ng	# 82
24) Nitrobenzene	8.70	77	207192	36.57	ng	93
25) Isophorone	9.10	82	361837	37.49	ng	# 94
26) 2-Nitrophenol	9.21	139	90058	29.46	ng	95
27) 2,4-Dimethylphenol	9.34	122	174243	35.25	ng	98
28) bis(2-Chloroethoxy)methane	9.47	93	239091	35.81	ng	99
29) 2,4-Dichlorophenol	9.64	162	164770	35.30	ng	99
30) 1,2,4-Trichlorobenzene	9.71	180	181275	36.25	ng	99
31) Naphthalene	9.82	128	625530	36.51	ng	100
33) 4-Chloroaniline	10.00	127	42722	6.69	ng	93
34) Hexachlorobutadiene	10.04	225	91868	34.82	ng	99
35) Caprolactam	10.57	113	26755	19.09	ng	# 86
36) 4-Chloro-3-methylphenol	10.82	107	172554	34.58	ng	90
37) 2-Methylnaphthalene	10.95	142	430169	38.26	ng	96
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	164342	39.58	ng	98
40) Hexachlorocyclopentadiene	11.20	237	12404	12.62	ng	94
42) 2,4,6-Trichlorophenol	11.45	196	107606	38.81	ng	98

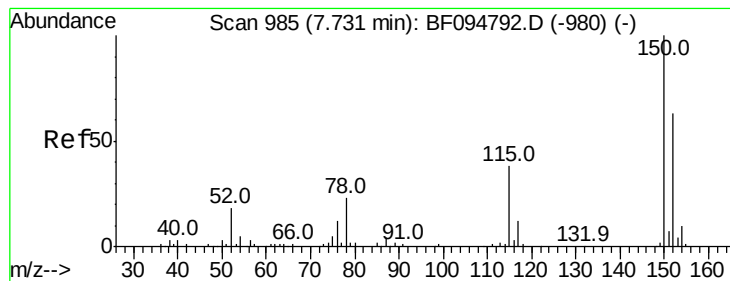
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	11.55	196	95502	32.05	nq	95
45) 1,1'-Biphenyl	11.71	154	458214	40.31	nq	97
46) 2-Chloronaphthalene	11.73	162	357611	38.96	nq	96
47) 2-Nitroaniline	11.95	65	94999	37.81	nq	# 78
48) Acenaphthylene	12.39	152	540563	37.60	nq	98
49) Dimethylphthalate	12.26	163	547440	49.39	nq	98
50) 2,6-Dinitrotoluene	12.35	165	85076	37.62	nq	93
51) Acenaphthene	12.67	154	321842	37.48	nq	99
52) 3-Nitroaniline	12.64	138	62627	25.80	nq	86
53) 2,4-Dinitrophenol	12.90	184	3950	9.17	nq	# 78
54) Dibenzofuran	12.96	168	483279	40.67	nq	98
55) 4-Nitrophenol	12.96	139	175558	120.43	nq	# 27
56) 2,4-Dinitrotoluene	13.03	165	103100	35.48	nq	# 98
57) Fluorene	13.51	166	369803	35.79	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.21	232	74054	39.49	nq	95
59) Diethylphthalate	13.41	149	392059	36.90	nq	98
60) 4-Chlorophenyl-phenylether	13.54	204	167062	36.79	nq	90
61) 4-Nitroaniline	13.63	138	58408	26.21	nq	93
62) Azobenzene	13.79	77	333922	39.11	nq	92
64) 4,6-Dinitro-2-methylphenol	13.71	198	10668	8.77	nq	# 79
65) n-Nitrosodiphenylamine	13.74	169	311107	47.22	nq	99
66) 4-Bromophenyl-phenylether	14.32	248	78164	40.76	nq	98
67) Hexachlorobenzene	14.41	284	72462	36.87	nq	# 91
68) Atrazine	14.66	200	72626	39.04	nq	97
69) Pentachlorophenol	14.77	266	48383	56.32	nq	90
70) Phenanthrene	15.06	178	393047	37.69	nq	97
71) Anthracene	15.14	178	410157	38.50	nq	98
72) Carbazole	15.42	167	361350	37.28	nq	96
73) Di-n-butylphthalate	15.98	149	488341	40.40	nq	98
74) Fluoranthene	16.80	202	444806	41.58	nq	99
76) Benzidine	17.03	184	250866	49.59	nq	# 91
77) Pyrene	17.11	202	466515	33.52	nq	99
79) Butylbenzylphthalate	18.00	149	216271	33.41	nq	90
80) Benzo(a)anthracene	18.68	228	393735	36.35	nq	99
81) 3,3'-Dichlorobenzidine	18.67	252	134334	35.91	nq	# 94
82) Chrysene	18.73	228	376256	35.93	nq	99
83) Bis(2-ethylhexyl)phthalate	18.74	149	309154	33.52	nq	# 98
84) Di-n-octyl phthalate	19.51	149	534027	35.31	nq	95
85) Indeno(1,2,3-cd)pyrene	21.70	276	253112	29.76	nq	99
87) Benzo(b)fluoranthene	19.96	252	298427	34.73	nq	98
88) Benzo(k)fluoranthene	19.99	252	348902	42.09	nq	# 94
89) Benzo(a)pyrene	20.31	252	288144	36.34	nq	99
90) Dibenzo(a,h)anthracene	21.70	278	206548	31.54	nq	98
91) Benzo(g,h,i)perylene	22.09	276	210031	32.68	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.77 min Scan# 992

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampleId :

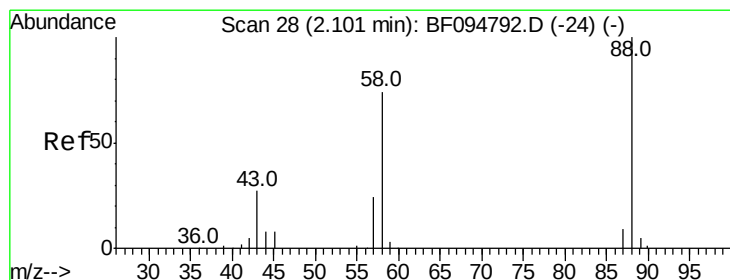
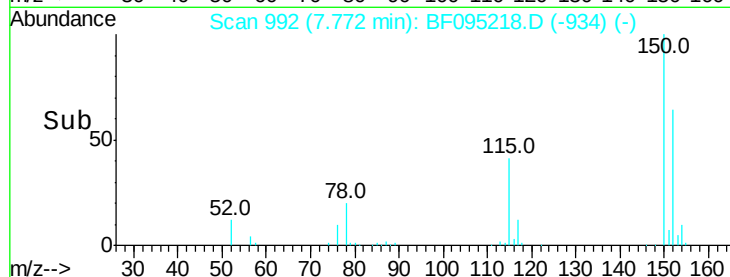
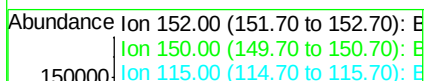
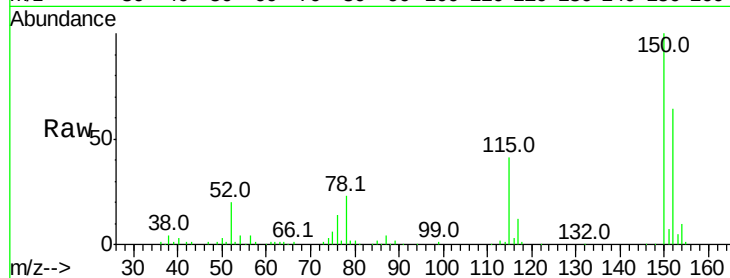
Tot Ion:152 Resp: 87559

Ion Ratio Lower Upper

152 100

150 155.9 126.2 189.2

115 63.4 52.2 78.2



#2

1,4-Dioxane

Concen: 29.98 ng

RT: 2.29 min Scan# 60

Delta R.T. 0.19 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

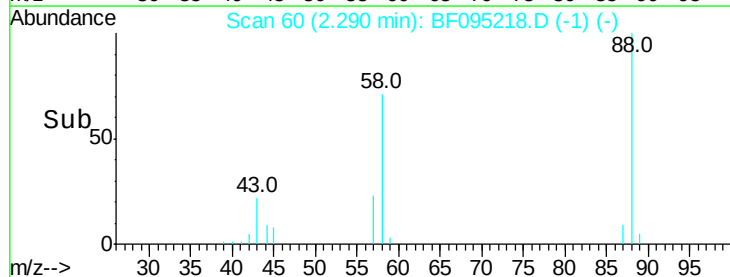
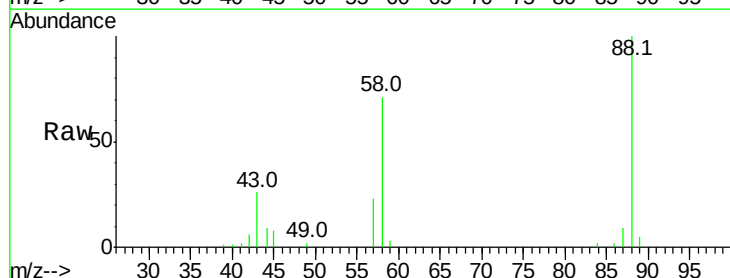
Tgt Ion: 88 Resp: 77227

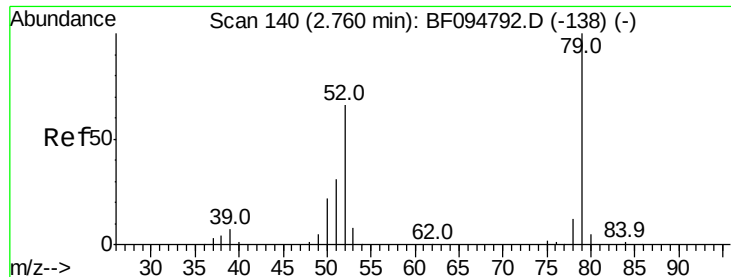
Ion Ratio Lower Upper

88 100

58 72.9 61.4 92.0

43 24.7 23.4 35.0





#3

Pvridine

Concen: 18.10 ng

RT: 3.00 min Scan# 180

Delta R.T. 0.24 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampleId :

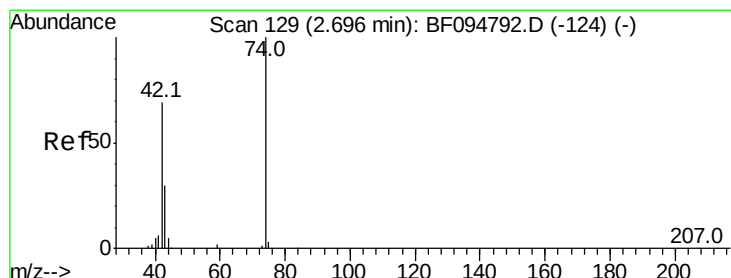
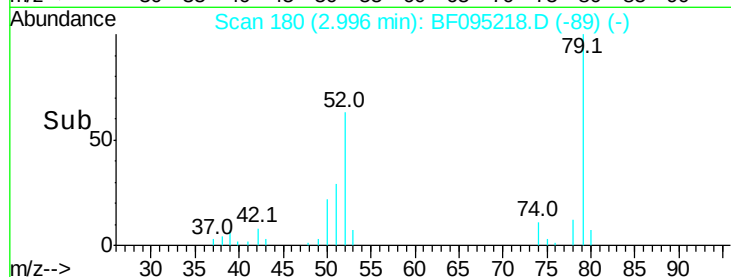
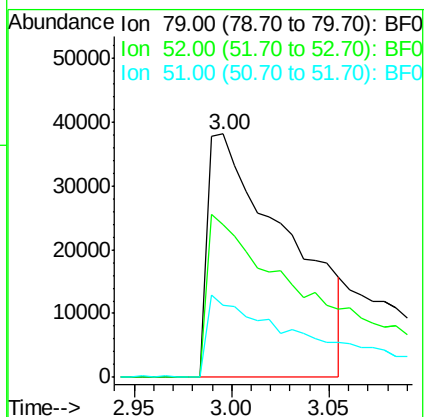
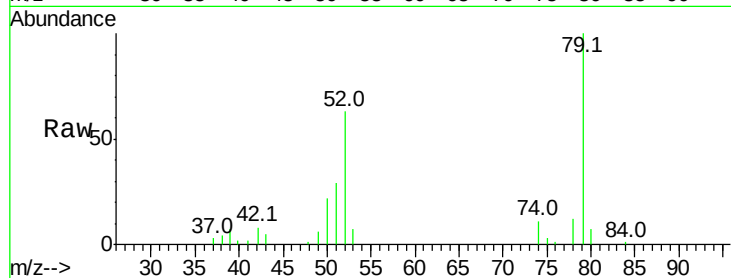
Tot Ion: 79 Resp: 108024

Ion Ratio Lower Upper

79 100

52 62.9 54.8 82.2

51 29.4 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 24.96 ng

RT: 2.91 min Scan# 166

Delta R.T. 0.22 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

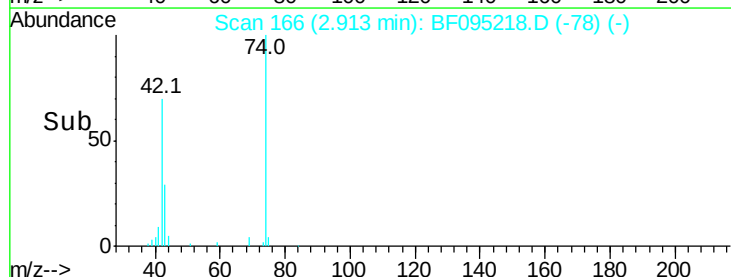
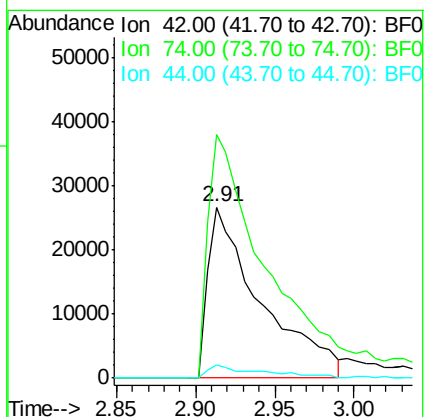
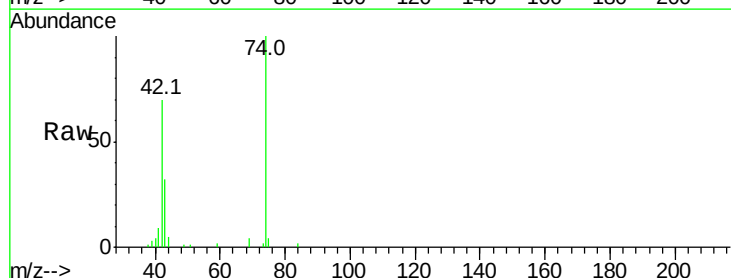
Tgt Ion: 42 Resp: 62108

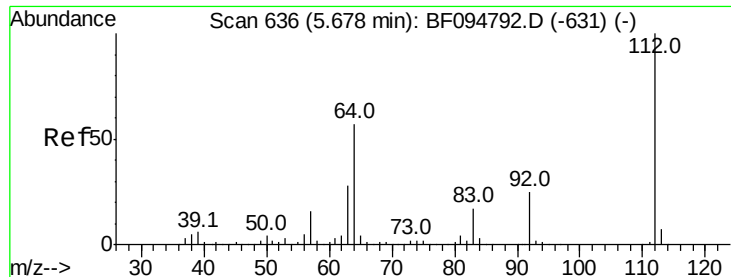
Ion Ratio Lower Upper

42 100

74 142.2 103.9 155.9

44 7.3 5.7 8.5





#5

2-Fluorophenol

Concen: 113.17 ng

RT: 5.75 min Scan# 648

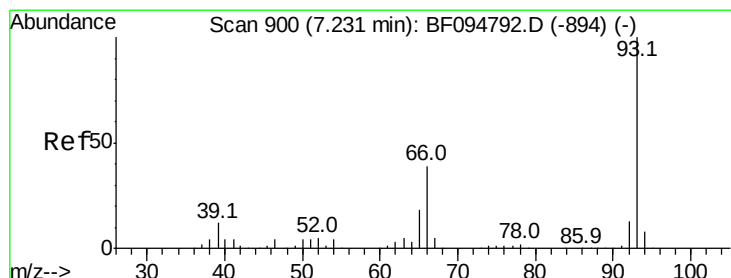
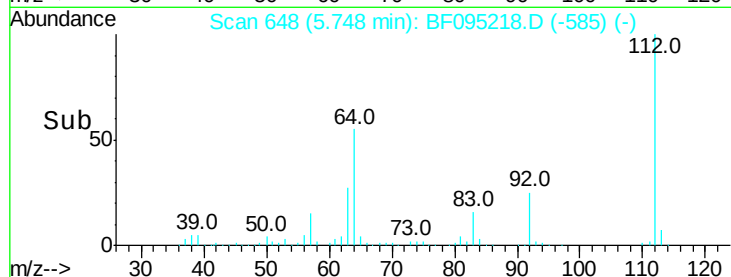
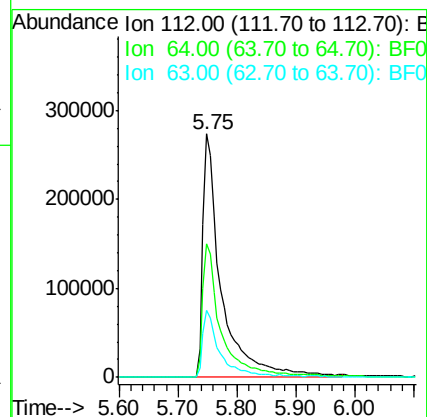
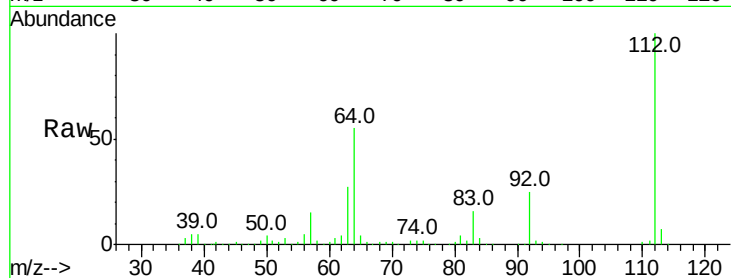
Delta R.T. 0.07 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	594343
Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.0	69.0
63	27.5	23.4	35.0



#6

Aniline

Concen: 27.09 ng

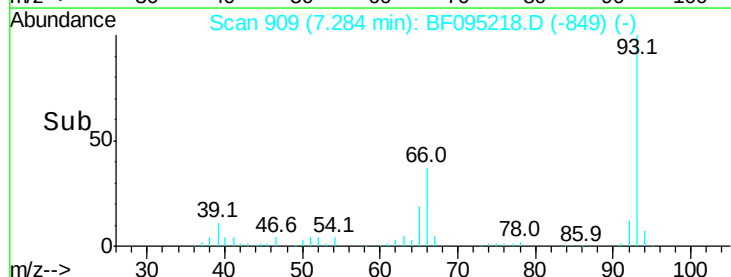
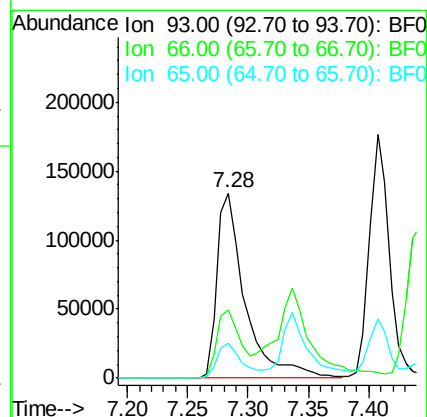
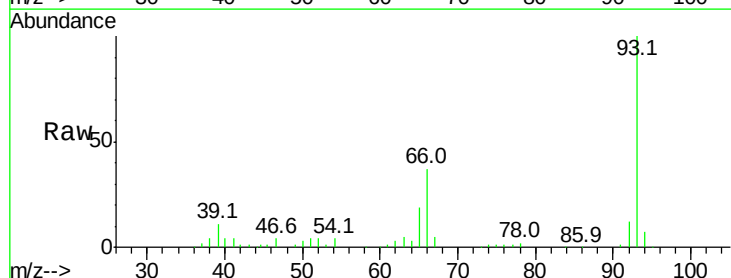
RT: 7.28 min Scan# 909

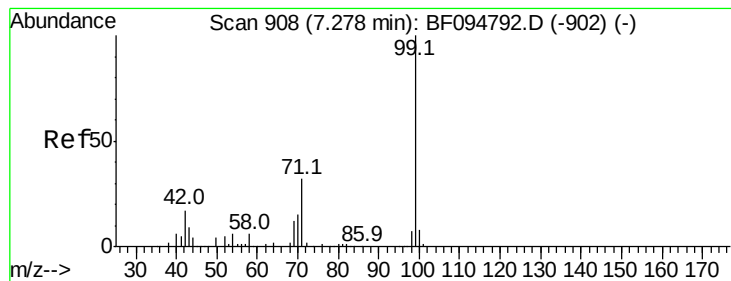
Delta R.T. 0.05 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Tgt Ion:	93	Resp:	215513
Ion	Ratio	Lower	Upper
93	100		
66	37.1	32.9	49.3
65	18.7	16.0	24.0





#7

Phenol-d6

Concen: 114.13 ng

RT: 7.32 min Scan# 915

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

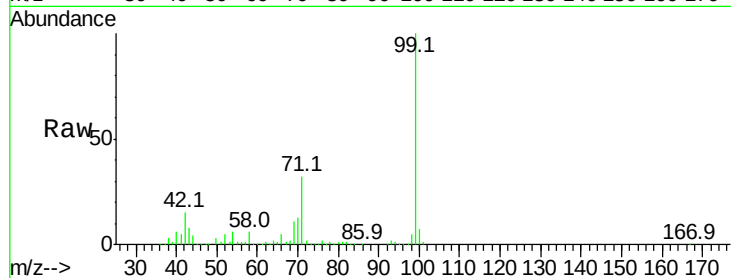
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 719162

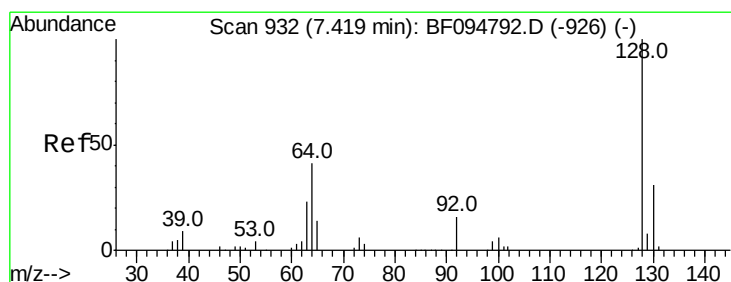
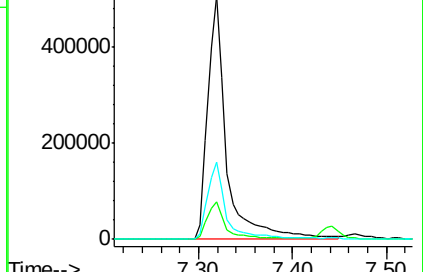
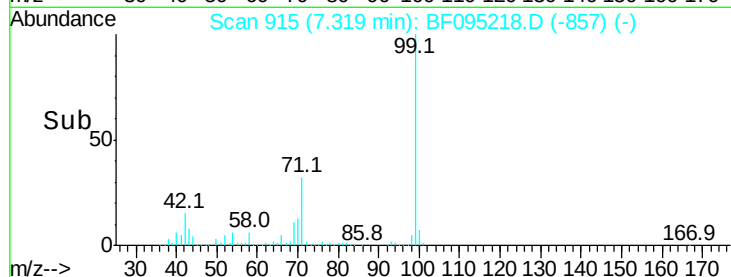
Ion	Ratio	Lower	Upper
99	100		
42	15.3	13.5	20.3
71	31.7	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 38.60 ng

RT: 7.47 min Scan# 940

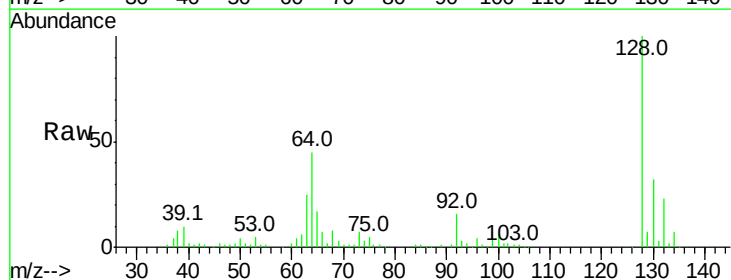
Delta R.T. 0.05 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Tgt Ion: 128 Resp: 230721

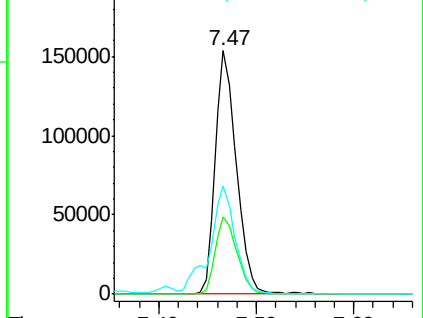
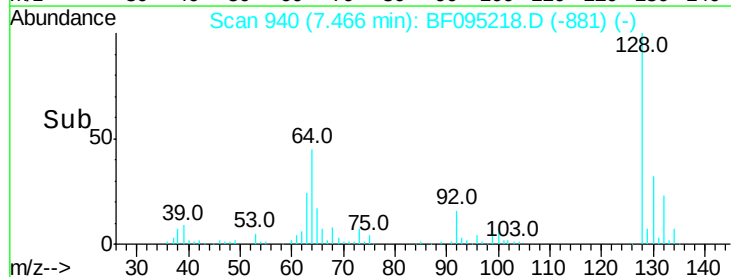
Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.9	52.9
64	44.5	28.4	68.4

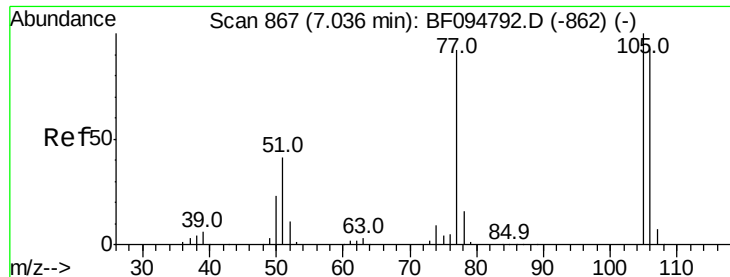


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 21.13 ng

RT: 7.11 min Scan# 879

Delta R.T. 0.07 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampled :

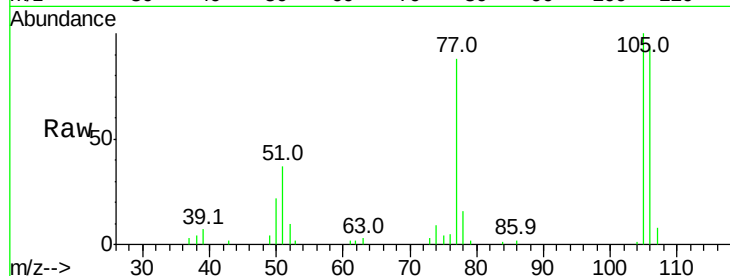
Tot Ion: 77 Resp: 81295

Ion Ratio Lower Upper

77 100

105 113.1 83.8 123.8

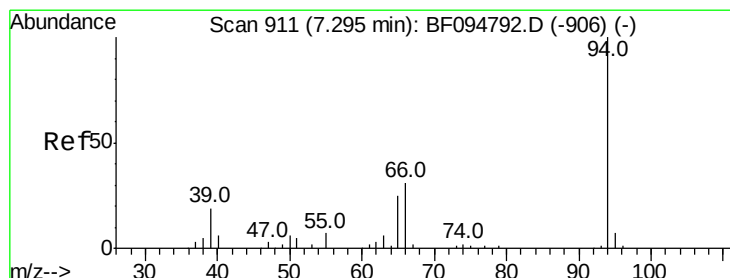
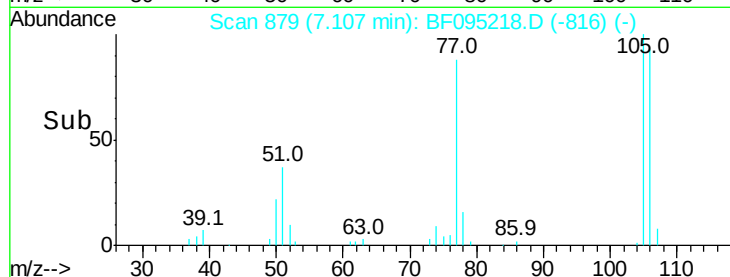
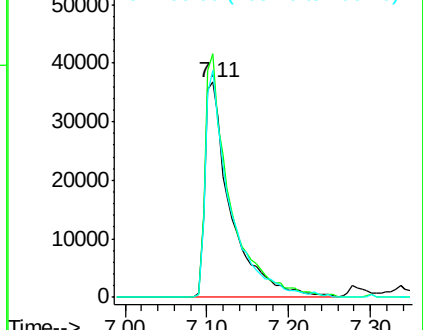
106 105.6 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 47.75 ng

RT: 7.34 min Scan# 918

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

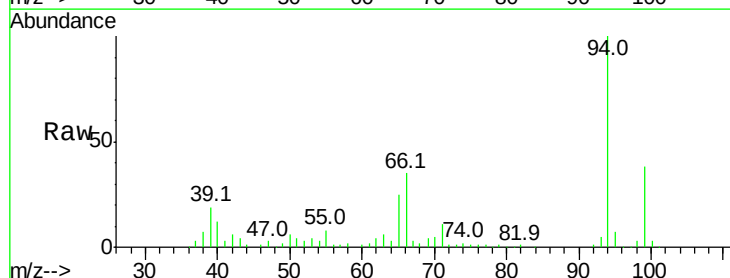
Tgt Ion: 94 Resp: 317099

Ion Ratio Lower Upper

94 100

65 25.1 9.9 49.9

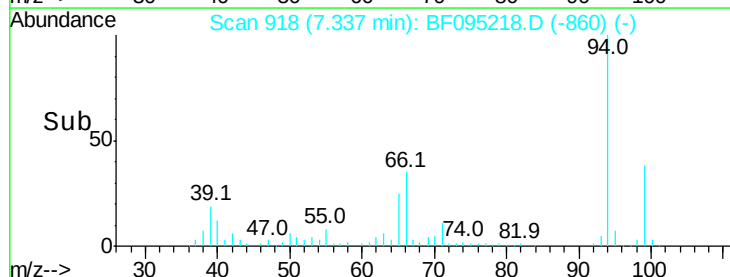
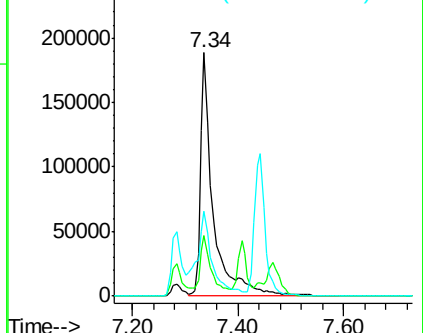
66 34.6 23.1 63.1

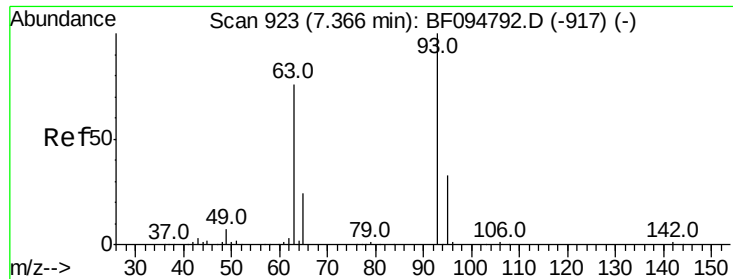


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 36.68 ng

RT: 7.41 min Scan# 930

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampleId :

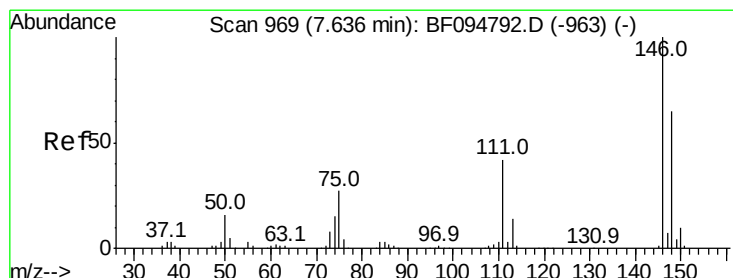
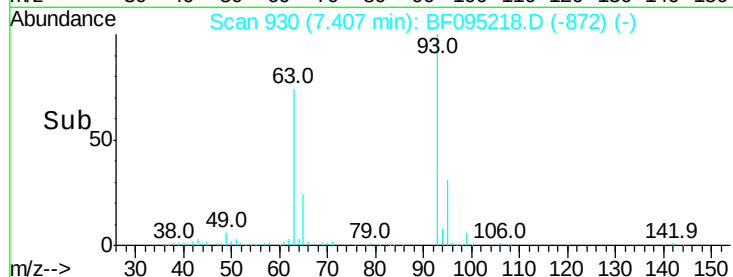
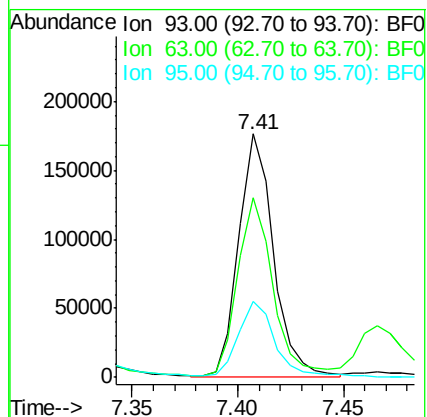
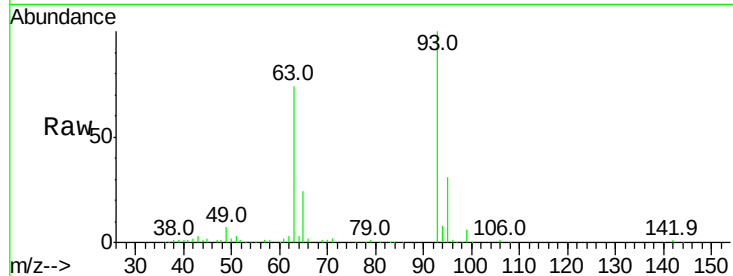
Tot Ion: 93 Resp: 201099

Ion Ratio Lower Upper

93 100

63 74.0 59.2 99.2

95 31.0 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 36.26 ng

RT: 7.68 min Scan# 976

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

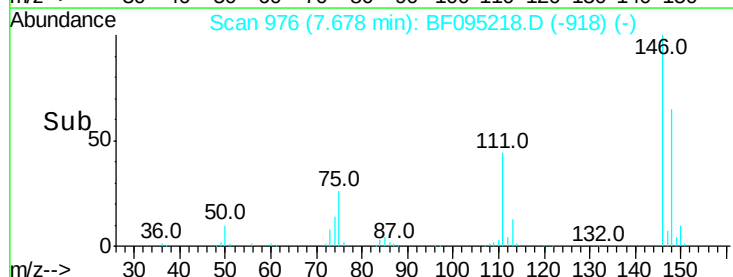
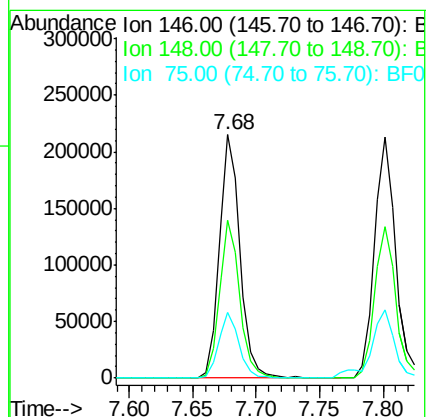
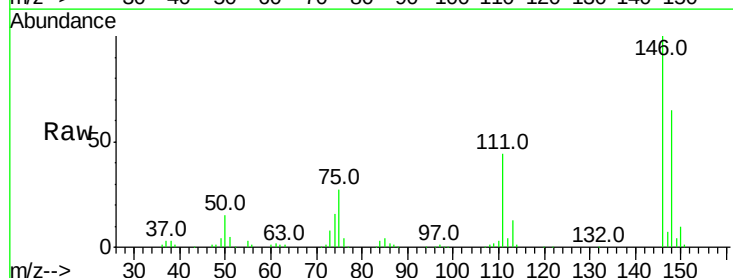
Tgt Ion: 146 Resp: 245890

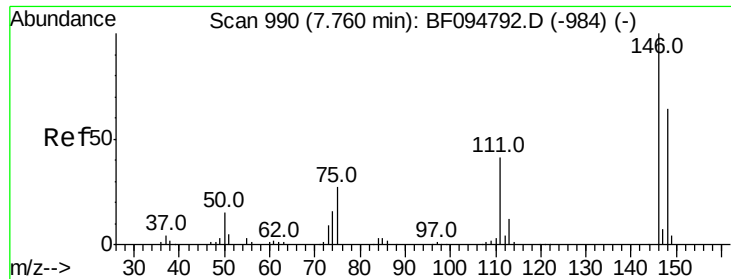
Ion Ratio Lower Upper

146 100

148 65.0 51.8 77.6

75 26.9 23.1 34.7

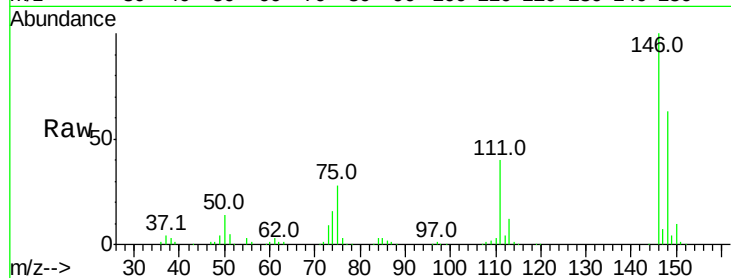




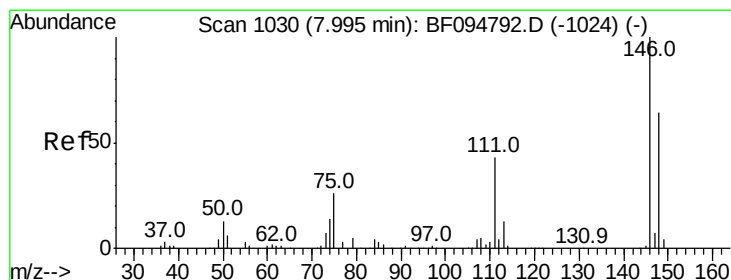
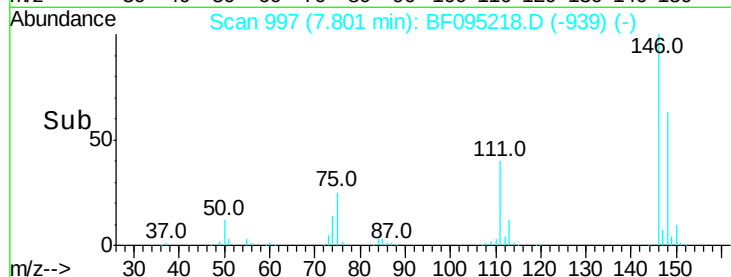
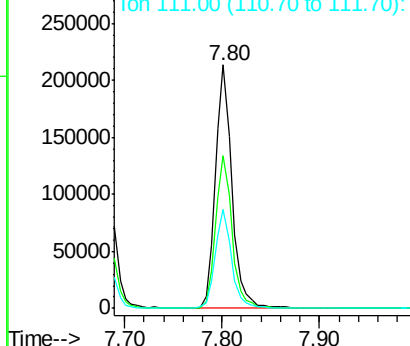
#13
 1,4-Dichlorobenzene
 Concen: 36.52 ng
 RT: 7.80 min Scan# 997
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 251129
 Ion Ratio Lower Upper
 146 100
 148 62.9 52.2 78.2
 111 40.5 30.3 45.5

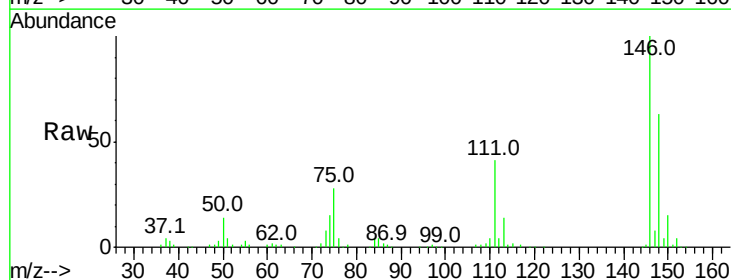


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

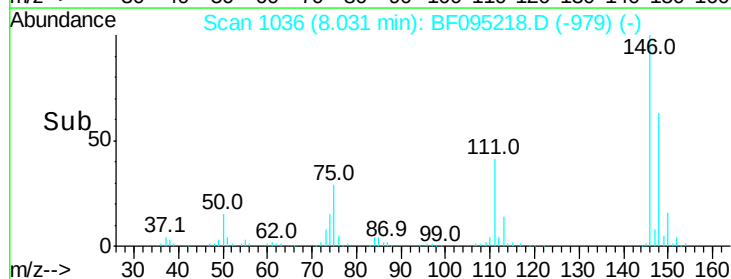
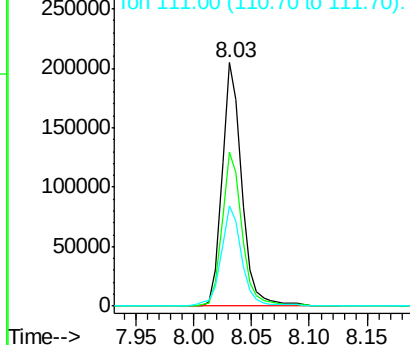


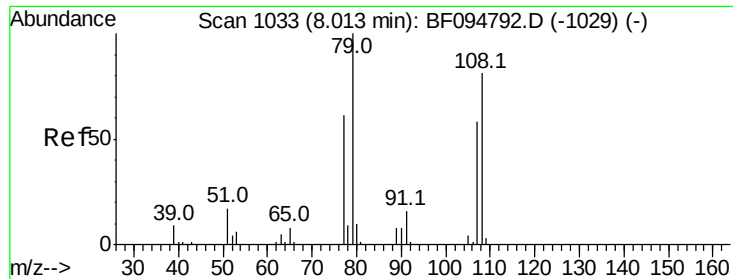
#14
 1,2-Dichlorobenzene
 Concen: 37.71 ng
 RT: 8.03 min Scan# 1036
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion:146 Resp: 242069
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.4 75.6
 111 41.1 38.2 57.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

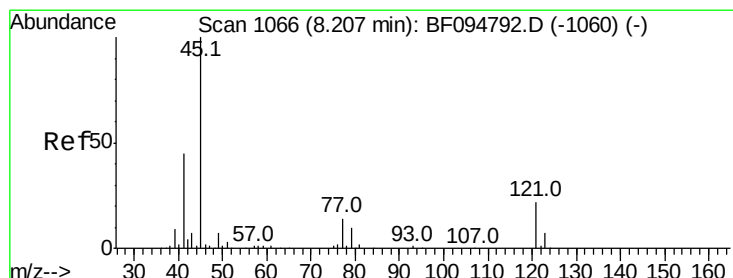
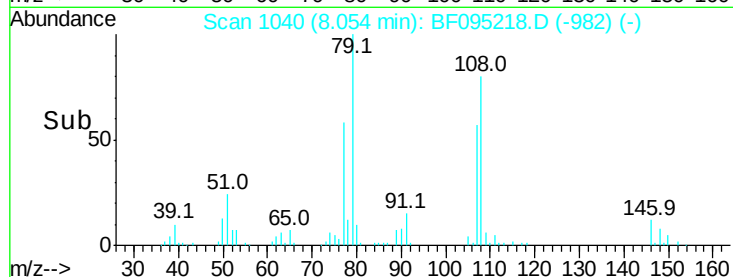
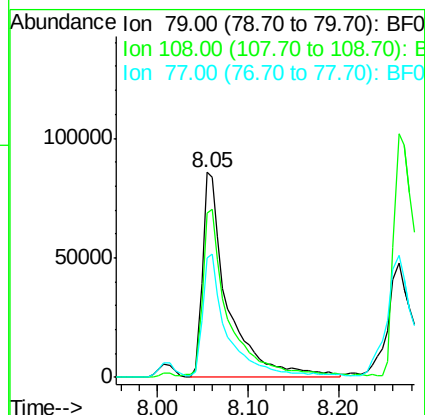
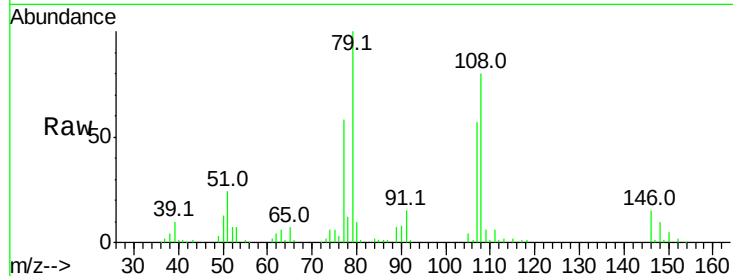




#15
Benzyl Alcohol
Concen: 41.42 ng
RT: 8.05 min Scan# 1040
Delta R.T. 0.04 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

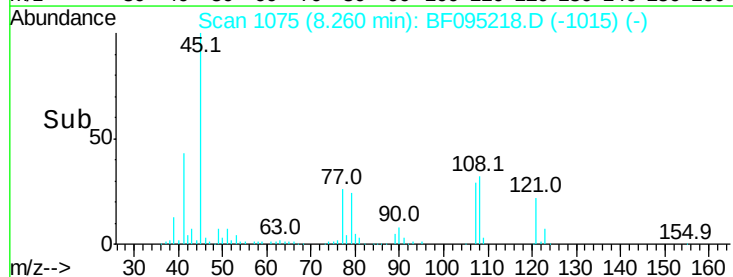
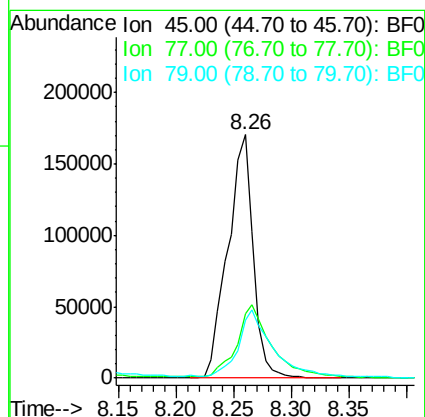
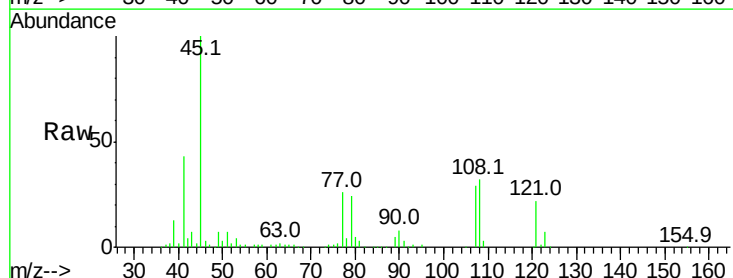
Instrument :
BNA_F
ClientSampleId :

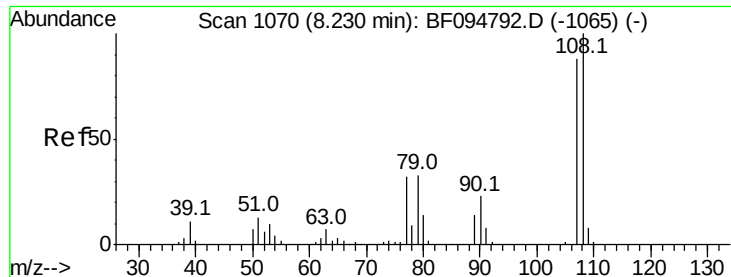
Tot Ion: 79 Resp: 167862
Ion Ratio Lower Upper
79 100
108 79.9 63.4 95.0
77 58.0 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.42 ng
RT: 8.26 min Scan# 1075
Delta R.T. 0.05 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion: 45 Resp: 259293
Ion Ratio Lower Upper
45 100
77 26.5 0.0 33.2
79 23.8 0.0 30.0

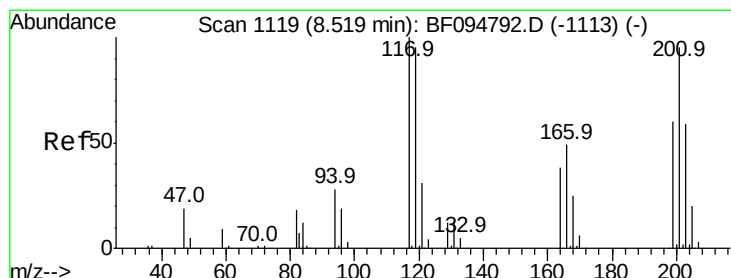
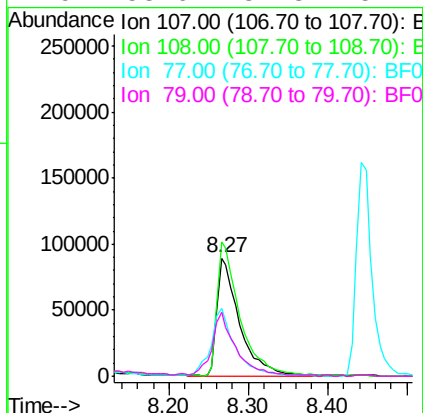
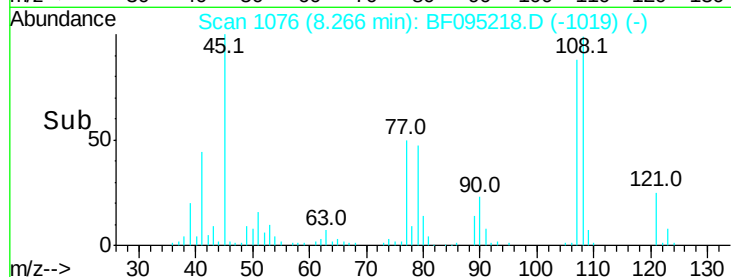
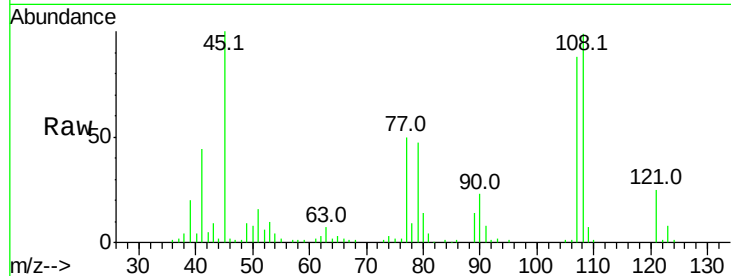




#17
 2-Methylphenol
 Concen: 35.53 ng
 RT: 8.27 min Scan# 1076
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

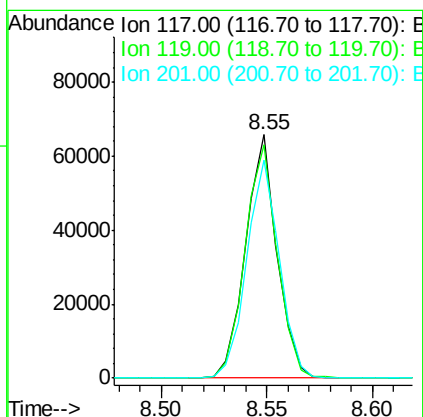
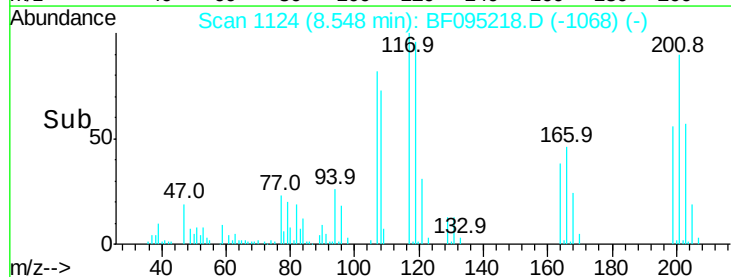
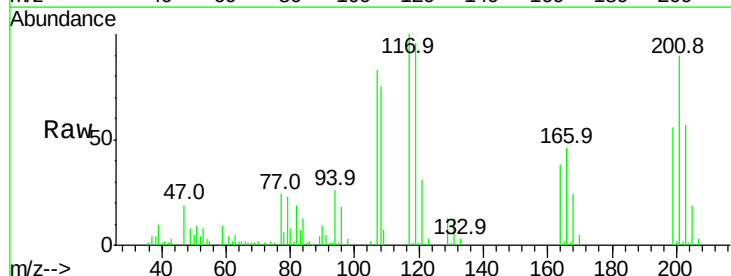
Instrument :
 BNA_F
 ClientSampled :

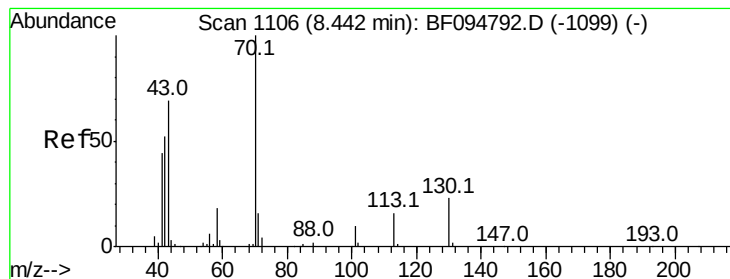
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	93.4	140.0
77	57.1	35.8	53.6#
79	53.6	34.8	52.2#



#18
 Hexachloroethane
 Concen: 29.14 ng
 RT: 8.55 min Scan# 1124
 Delta R.T. 0.03 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.4	116.0
201	89.7	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 36.59 ng

RT: 8.47 min Scan# 1111

Delta R.T. 0.03 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 155957

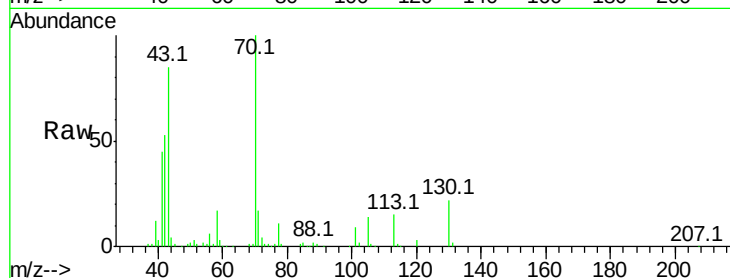
Ion Ratio Lower Upper

70 100

42 52.6 47.2 70.8

101 9.3 7.2 10.8

130 21.5 15.9 23.9



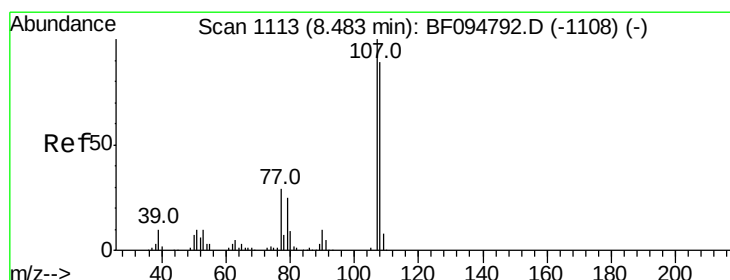
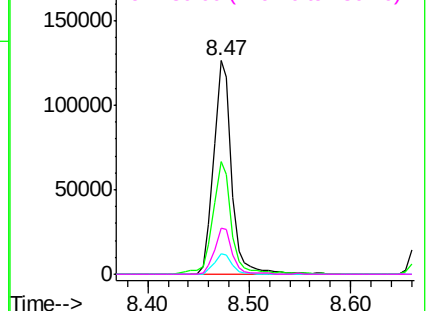
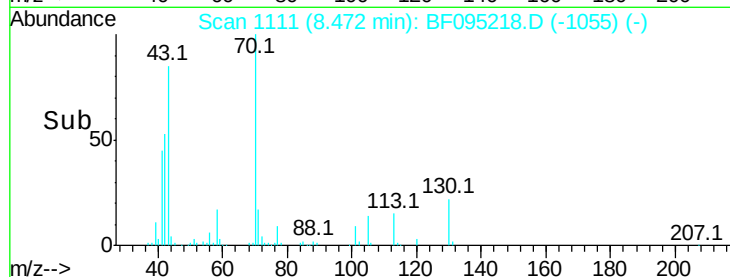
Abundance

Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 34.52 ng

RT: 8.53 min Scan# 1121

Delta R.T. 0.05 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Tgt Ion: 107 Resp: 229483

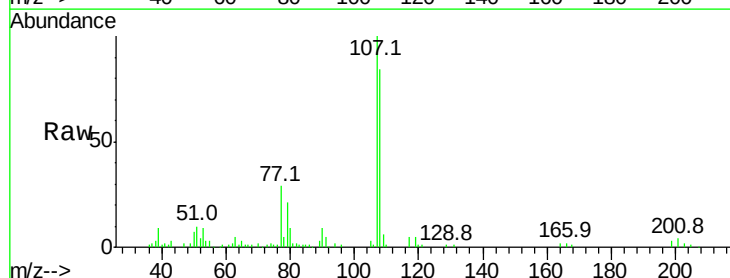
Ion Ratio Lower Upper

107 100

108 84.0 71.0 111.0

77 28.9 90.5 130.5#

79 20.9 8.4 48.4



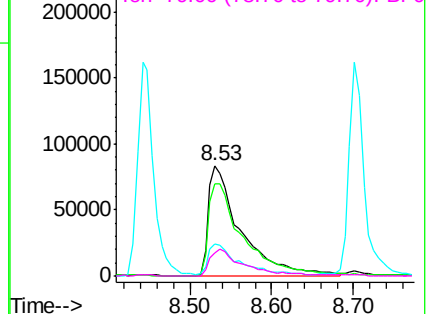
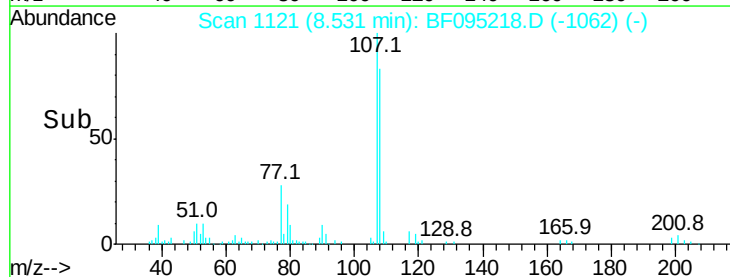
Abundance

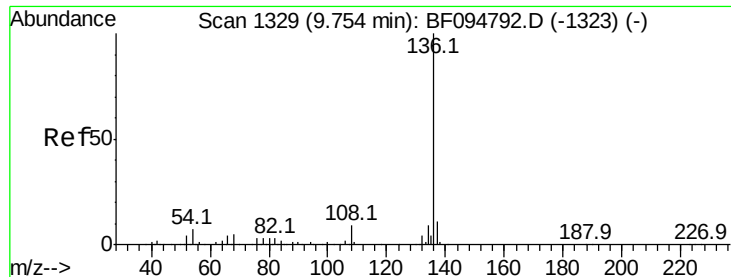
Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 340871

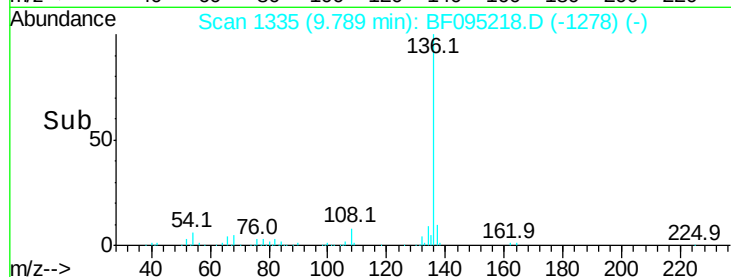
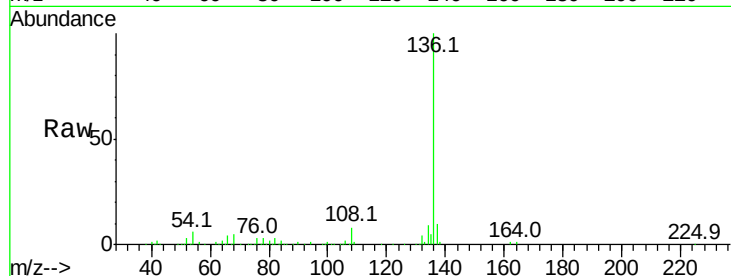
Ion Ratio Lower Upper

136 100

137 10.4 8.5 12.7

54 6.2 4.9 7.3

68 5.3 4.1 6.1

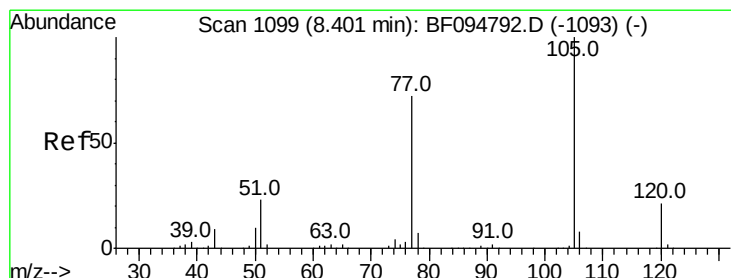
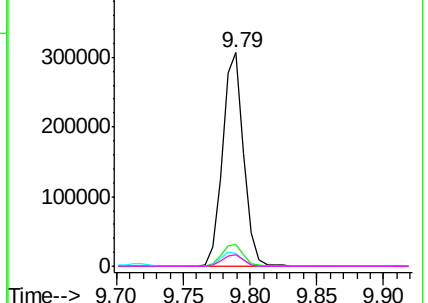


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 38.38 ng

RT: 8.45 min Scan# 1107

Delta R.T. 0.05 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Tgt Ion:105 Resp: 313898

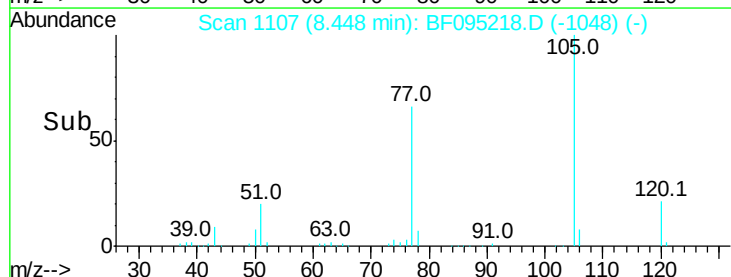
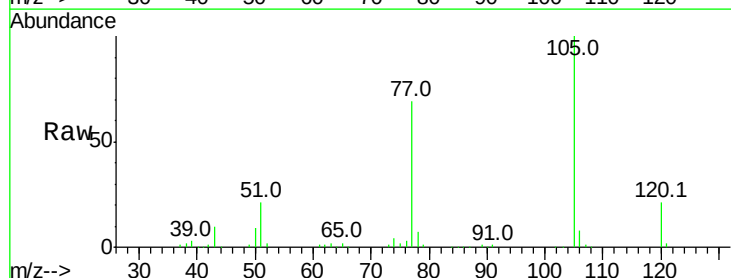
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 21.3 30.7 46.1#

120 21.0 17.4 26.0

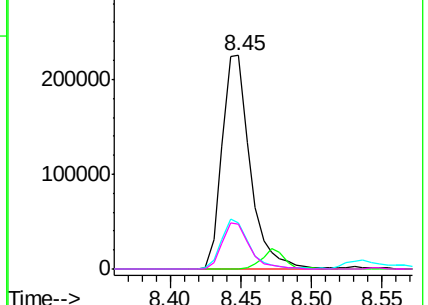


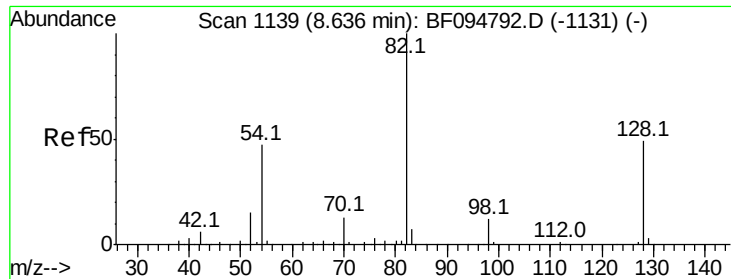
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

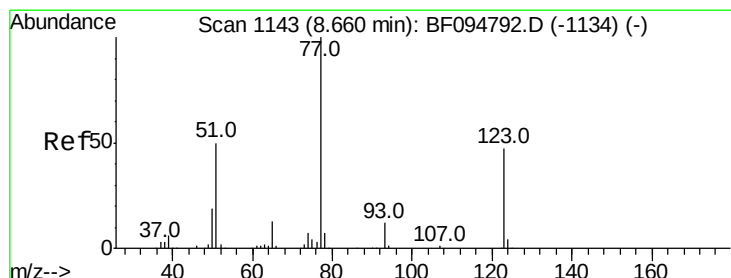
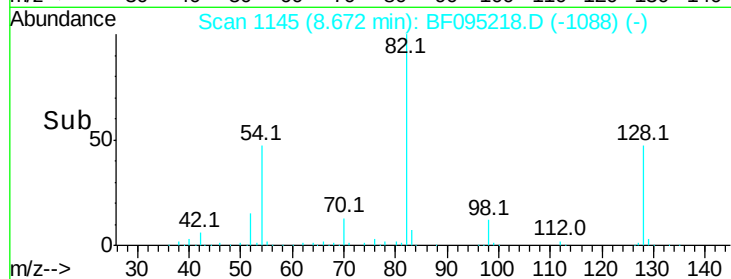
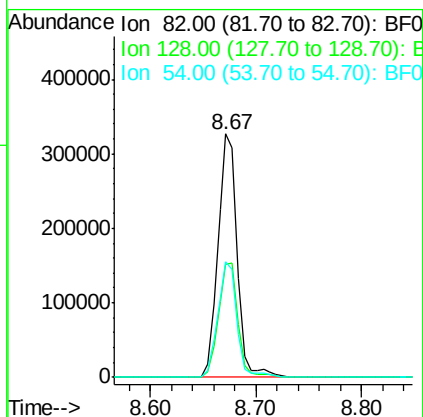
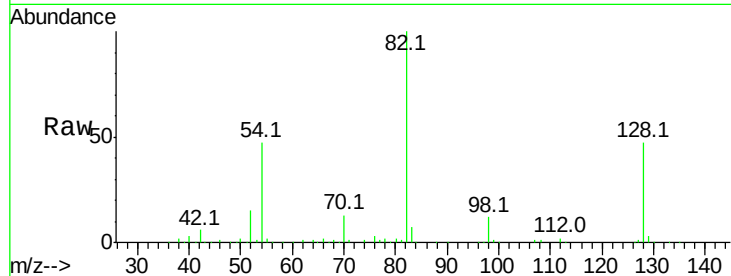




#23
 Nitrobenzene-d5
 Concen: 77.63 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

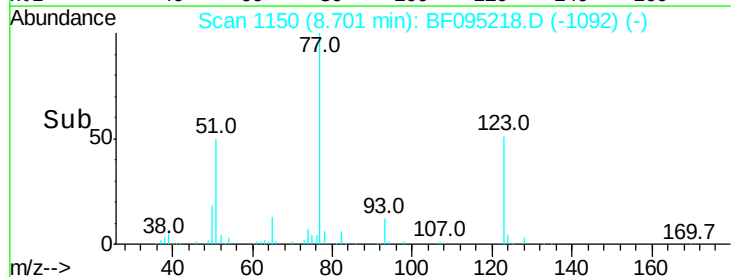
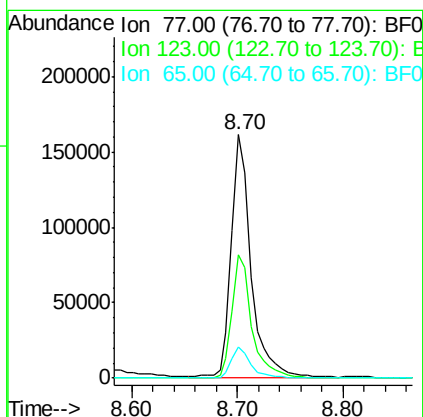
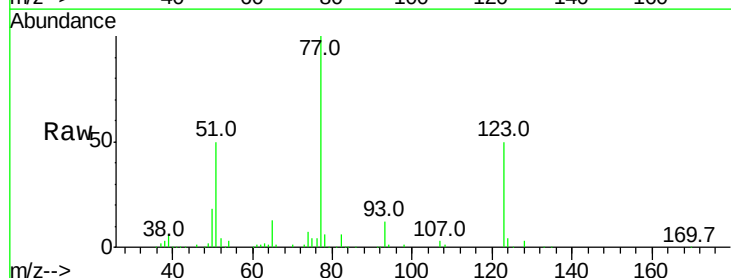
Instrument :
 BNA_F
 ClientSampleId :

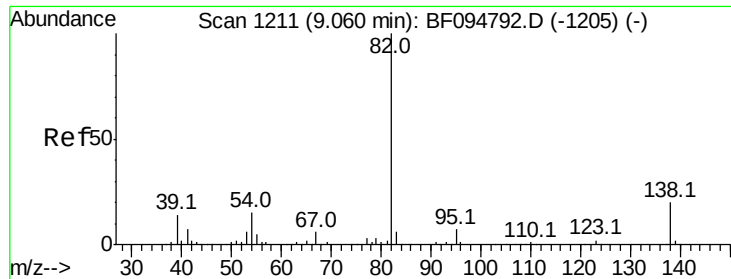
Tot Ion: 82 Resp: 419619
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 47.3 42.2 63.2



#24
 Nitrobenzene
 Concen: 36.57 ng
 RT: 8.70 min Scan# 1150
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion: 77 Resp: 207192
 Ion Ratio Lower Upper
 77 100
 123 50.4 35.8 53.8
 65 12.8 10.6 15.8





#25

Isophorone

Concen: 37.49 ng

RT: 9.10 min Scan# 1218

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampleId :

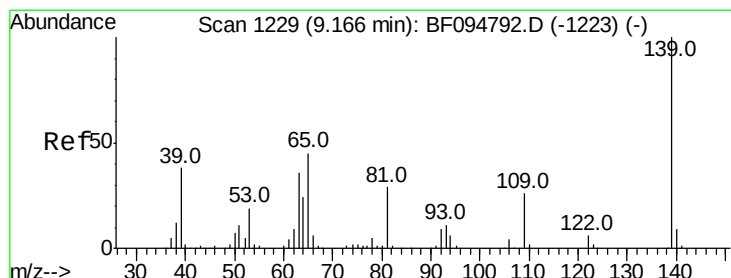
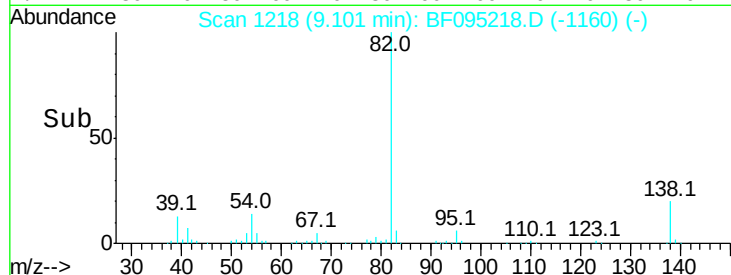
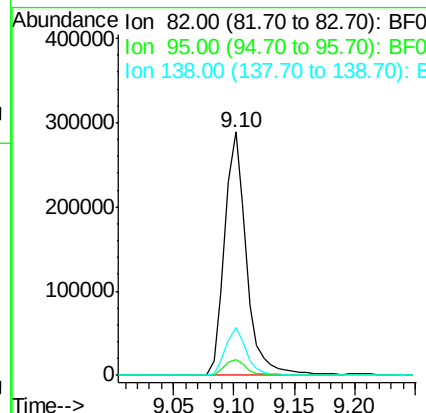
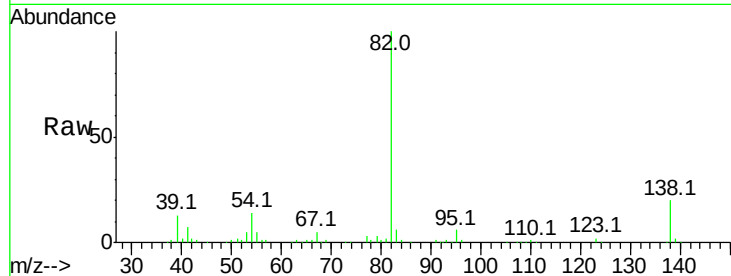
Tot Ion: 82 Resp: 361837

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 19.9 13.1 19.7#



#26

2-Nitrophenol

Concen: 29.46 ng

RT: 9.21 min Scan# 1236

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

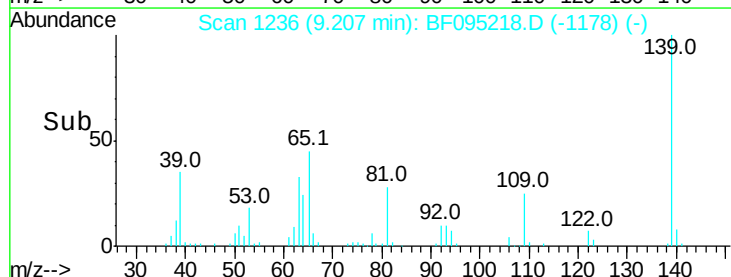
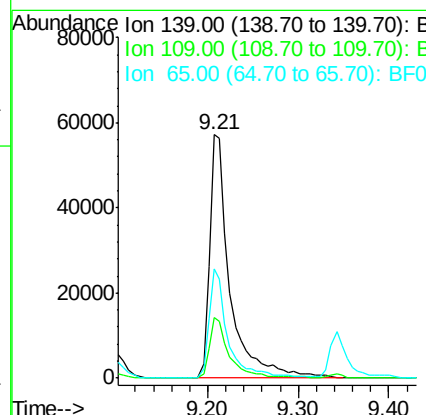
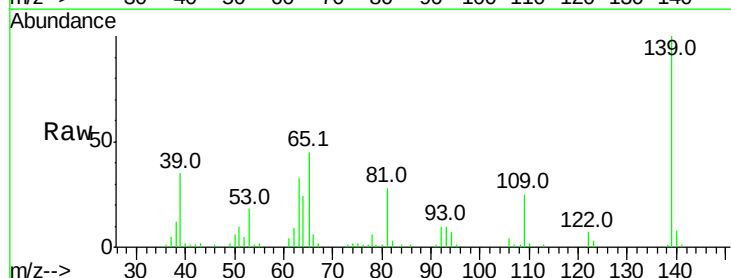
Tgt Ion:139 Resp: 90058

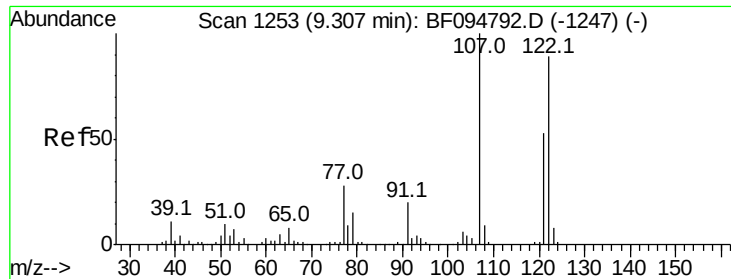
Ion Ratio Lower Upper

139 100

109 24.7 21.0 31.6

65 44.8 33.0 49.6

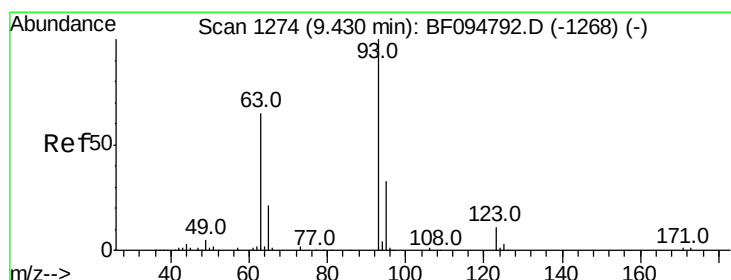
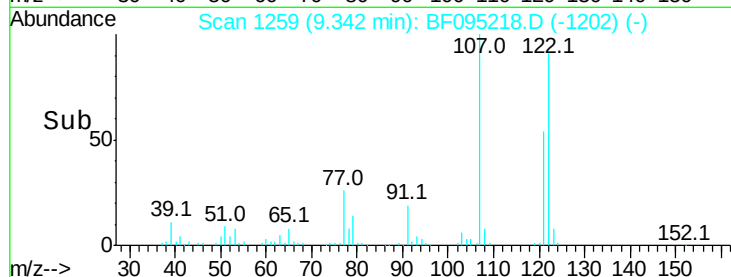
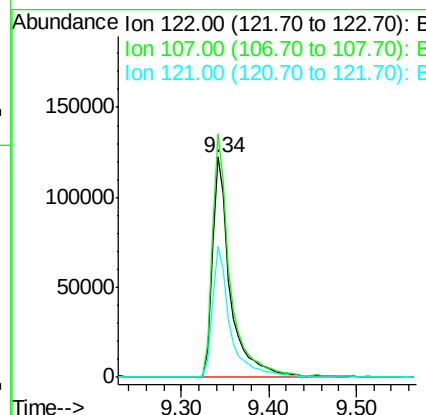
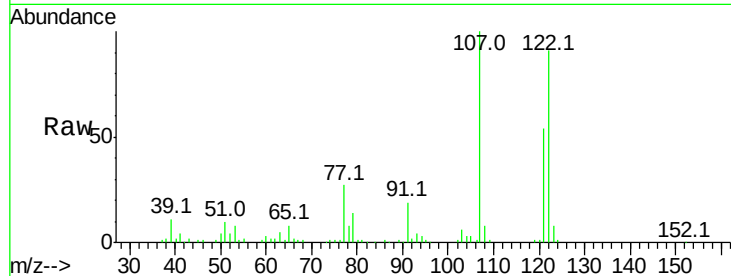




#27
 2,4-Dimethylphenol
 Concen: 35.25 ng
 RT: 9.34 min Scan# 1259
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

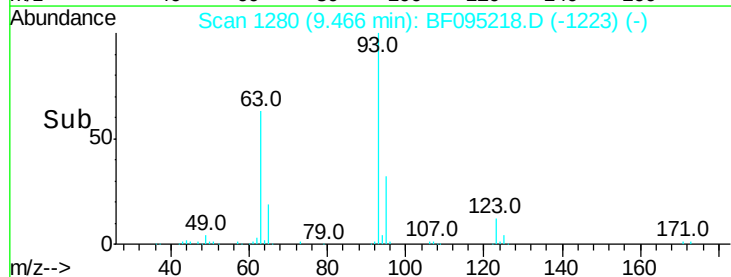
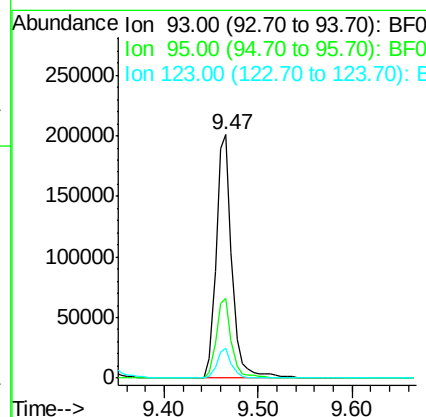
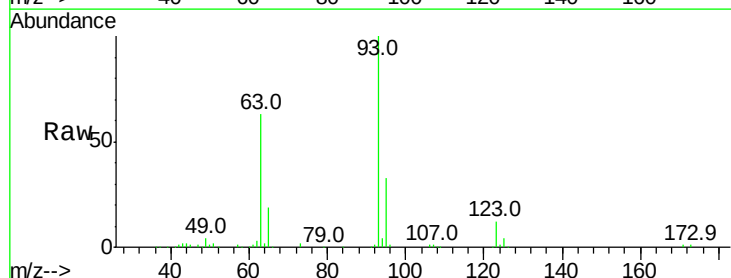
Instrument :
 BNA_F
 ClientSampleId :

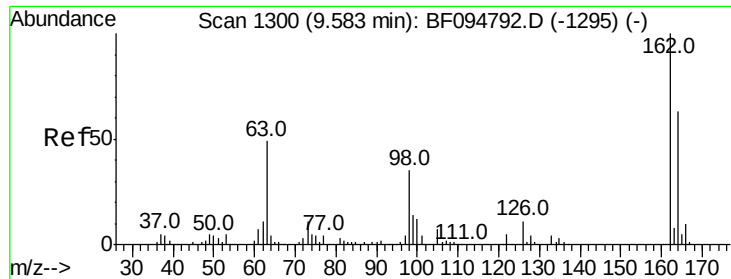
Tot Ion:122 Resp: 174243
 Ion Ratio Lower Upper
 122 100
 107 110.4 89.2 133.8
 121 59.5 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.81 ng
 RT: 9.47 min Scan# 1280
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion: 93 Resp: 239091
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.5 39.7
 123 12.1 9.0 13.4

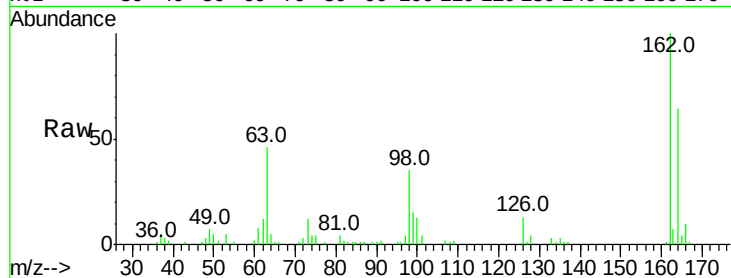




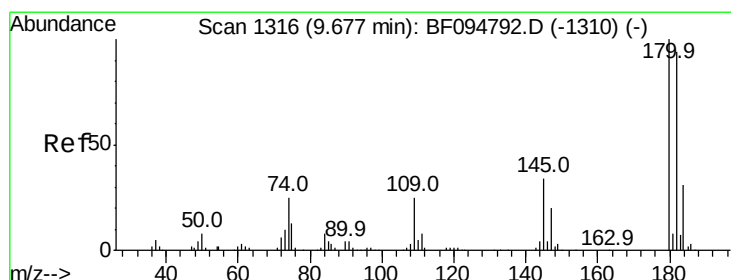
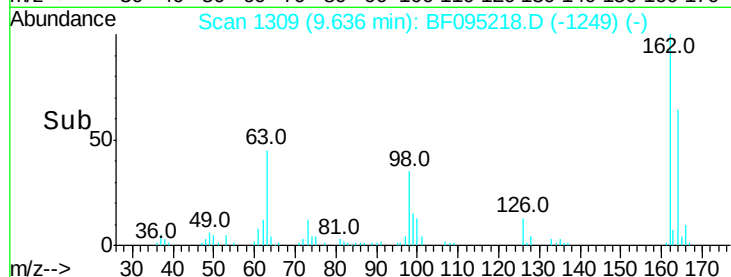
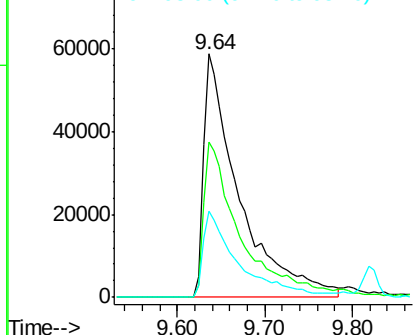
#29
 2,4-Dichlorophenol
 Concen: 35.30 ng
 RT: 9.64 min Scan# 1309
 Delta R.T. 0.05 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	44.6	84.6
98	35.3	14.8	54.8

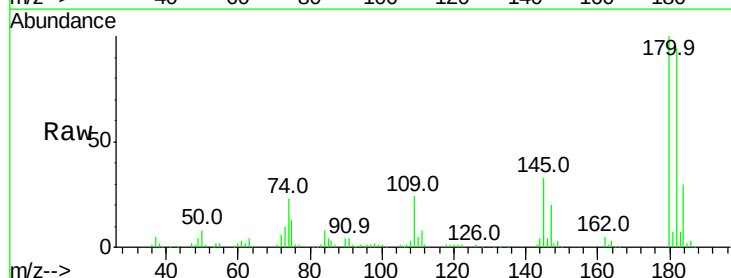


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

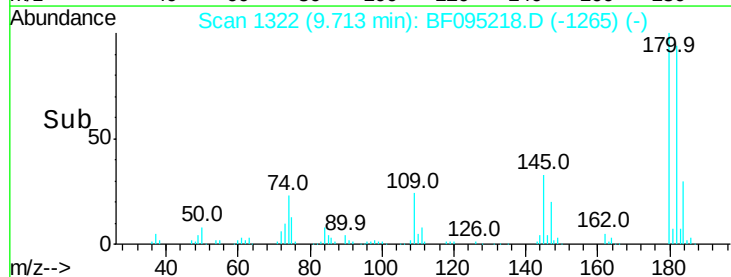
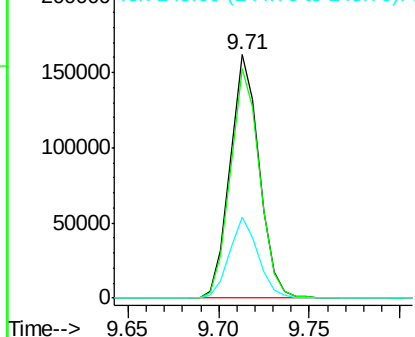


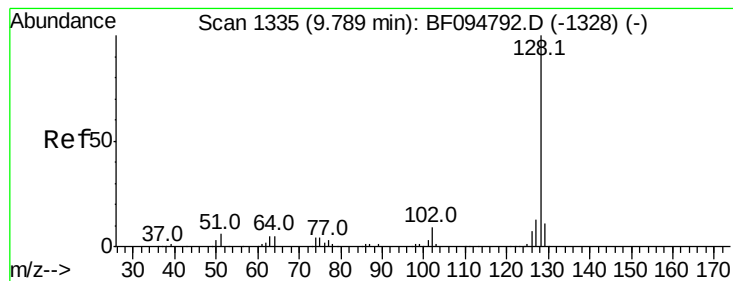
#30
 1,2,4-Trichlorobenzene
 Concen: 36.25 ng
 RT: 9.71 min Scan# 1322
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.8	113.6
145	33.5	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: 36.51 ng

RT: 9.82 min Scan# 1340

Delta R.T. 0.03 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampleId :

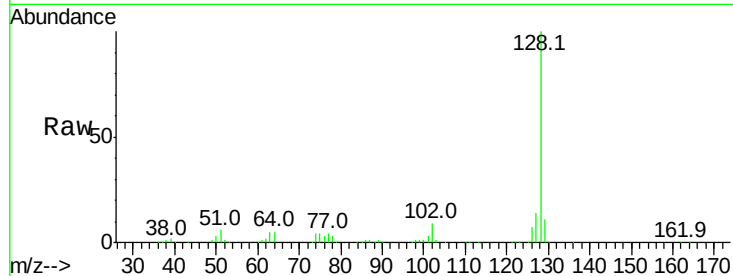
Tot Ion:128 Resp: 625530

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

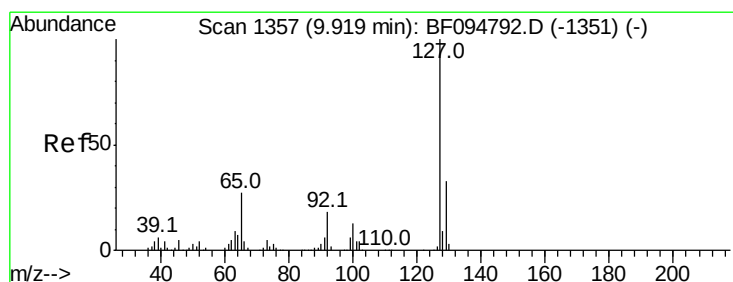
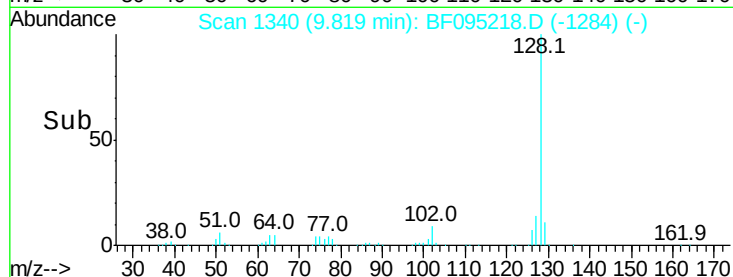
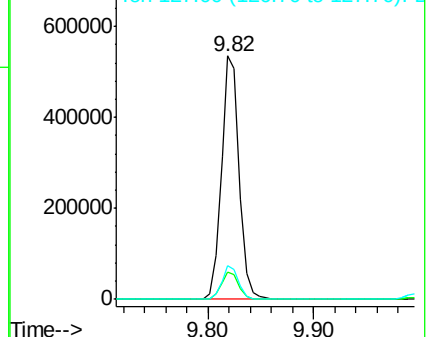
127 13.6 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#33

4-Chloroaniline

Concen: 6.69 ng

RT: 10.00 min Scan# 1371

Delta R.T. 0.08 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Tgt Ion:127 Resp: 42722

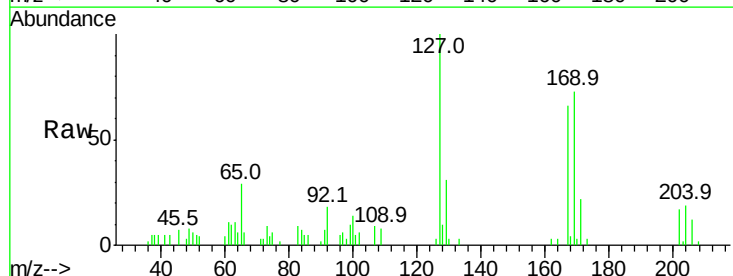
Ion Ratio Lower Upper

127 100

129 30.7 26.2 39.2

65 28.9 27.8 41.8

92 17.5 16.8 25.2

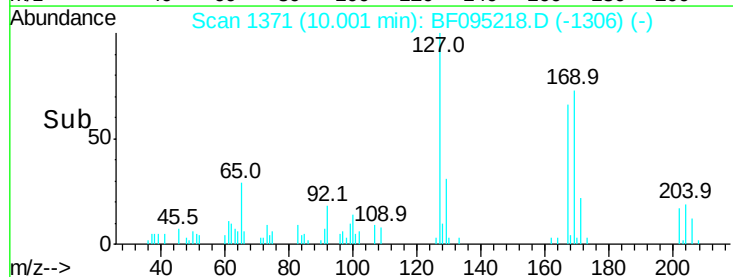
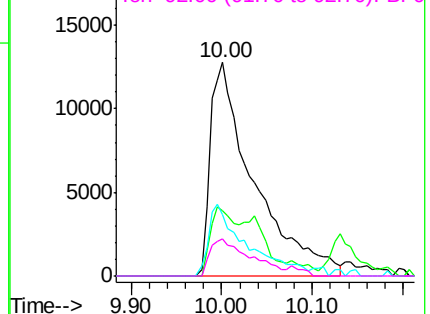


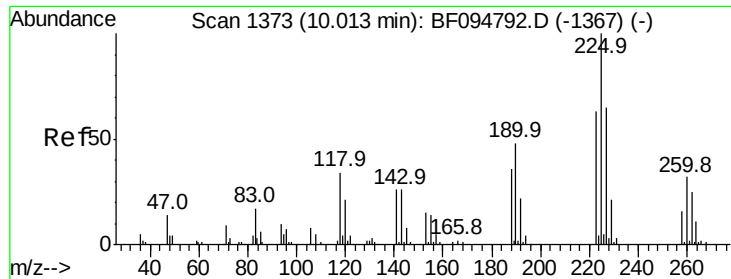
Abundance Ion 127.00 (126.70 to 127.70): E

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: 34.82 ng

RT: 10.04 min Scan# 1377

Delta R.T. 0.02 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampled :

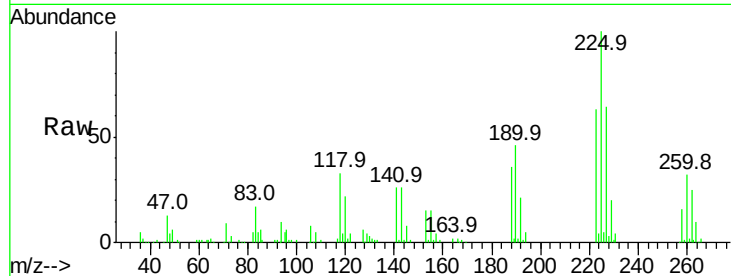
Tot Ion:225 Resp: 91868

Ion Ratio Lower Upper

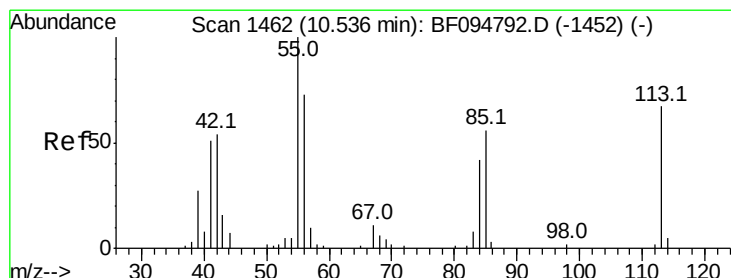
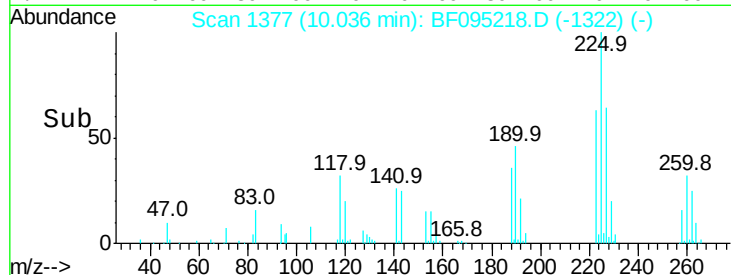
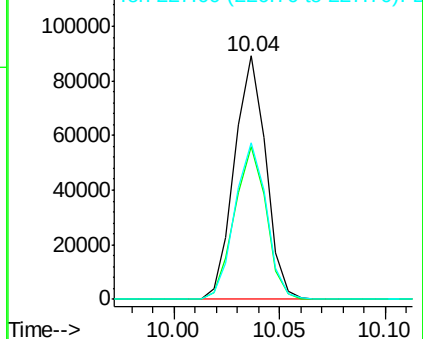
225 100

223 62.7 48.8 73.2

227 64.4 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: 19.09 ng

RT: 10.57 min Scan# 1467

Delta R.T. 0.03 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

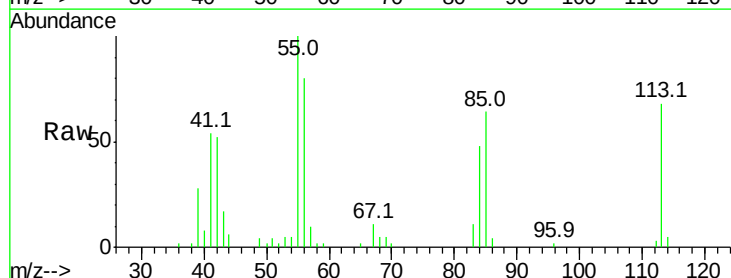
Tgt Ion:113 Resp: 26755

Ion Ratio Lower Upper

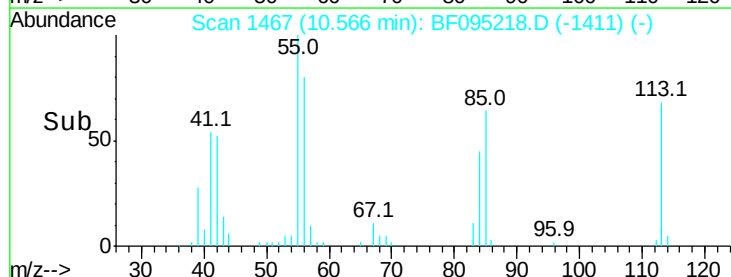
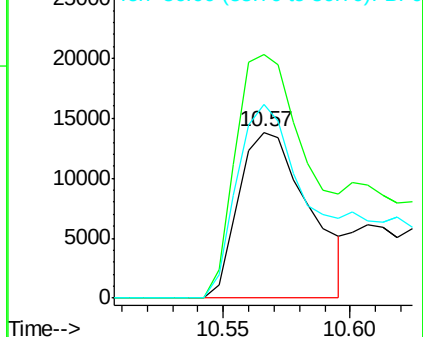
113 100

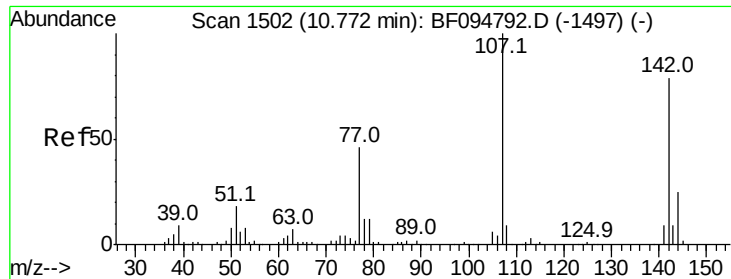
55 146.6 150.2 190.2#

56 116.8 107.8 147.8



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

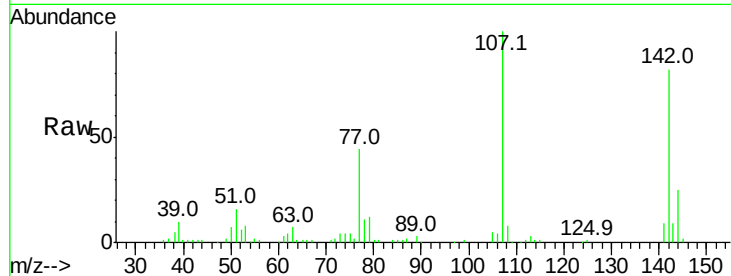




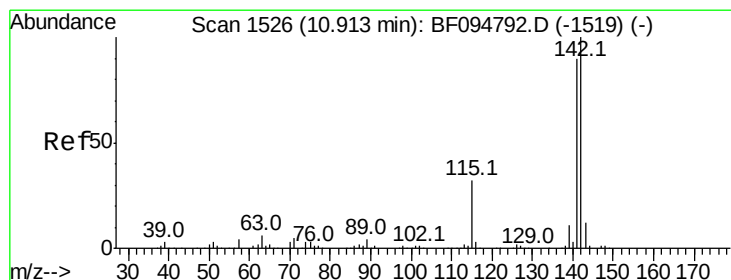
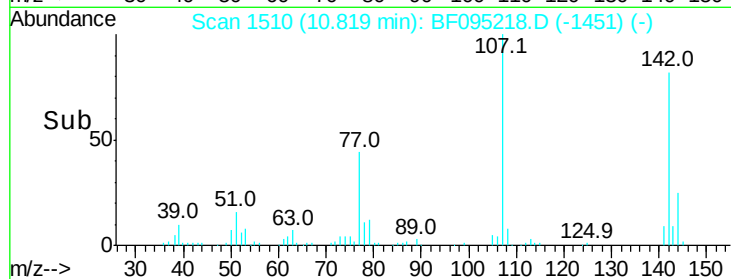
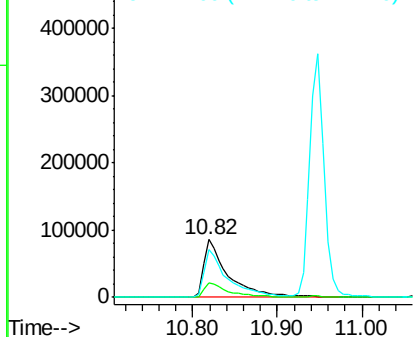
#36
 4-Chloro-3-methylphenol
 Concen: 34.58 ng
 RT: 10.82 min Scan# 1510
 Delta R.T. 0.05 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:107 Resp: 172554
 Ion Ratio Lower Upper
 107 100
 144 25.3 24.2 36.4
 142 82.3 73.4 110.0

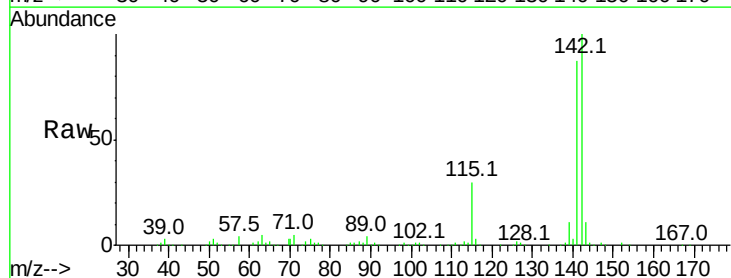


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

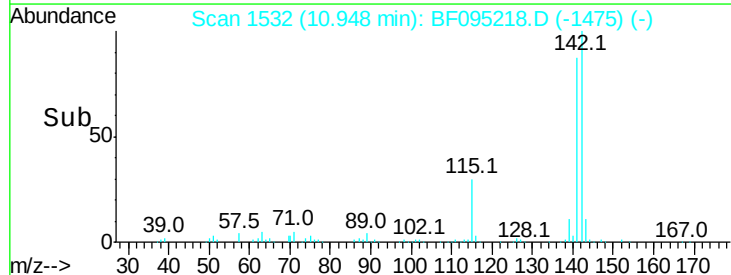
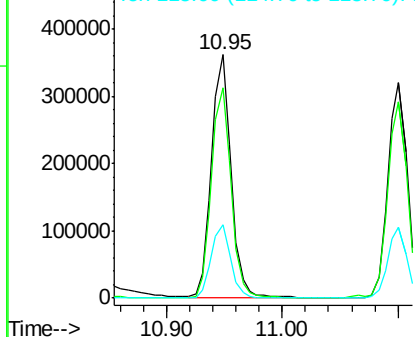


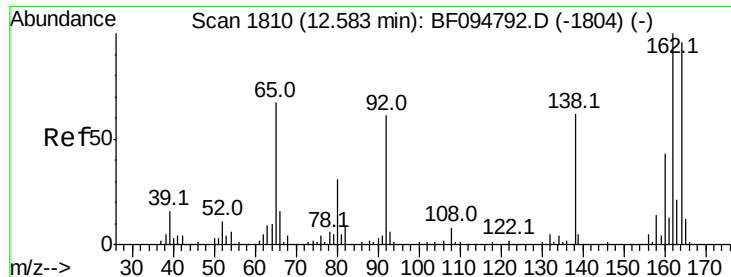
#37
 2-Methylnaphthalene
 Concen: 38.26 ng
 RT: 10.95 min Scan# 1532
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion:142 Resp: 430169
 Ion Ratio Lower Upper
 142 100
 141 86.5 71.3 106.9
 115 30.3 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampleId :

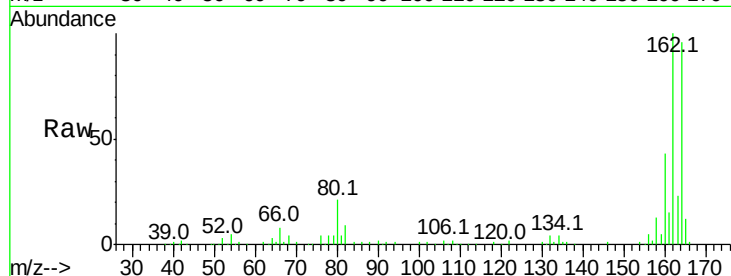
Tot Ion:164 Resp: 135023

Ion Ratio Lower Upper

164 100

162 103.8 82.6 123.8

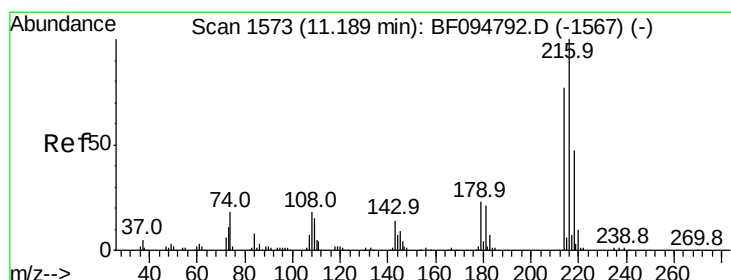
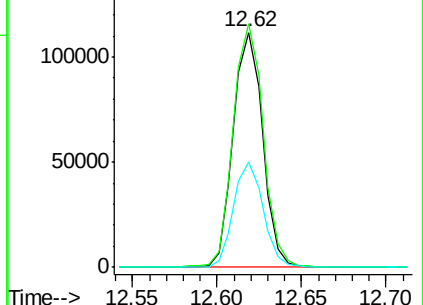
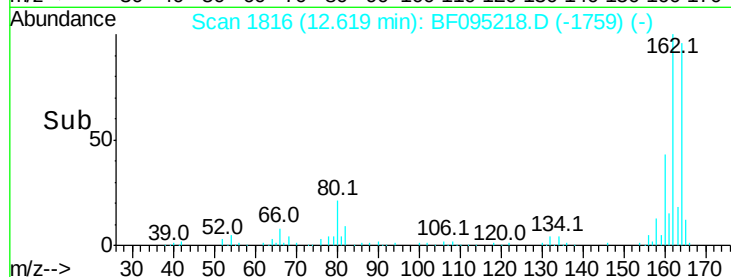
160 44.9 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.58 ng

RT: 11.22 min Scan# 1579

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Tgt Ion:216 Resp: 164342

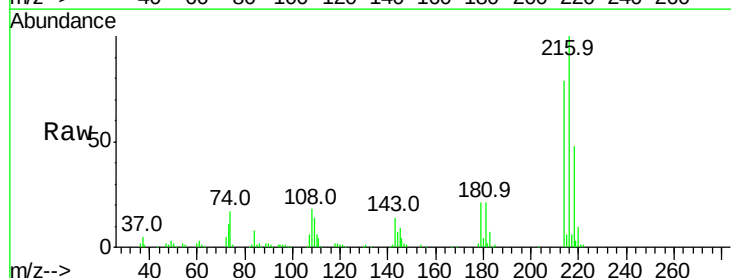
Ion Ratio Lower Upper

216 100

214 78.4 63.4 95.2

179 21.6 17.9 26.9

108 16.9 16.5 24.7

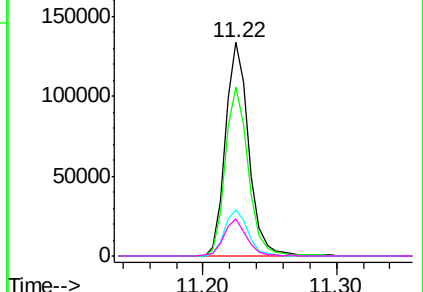
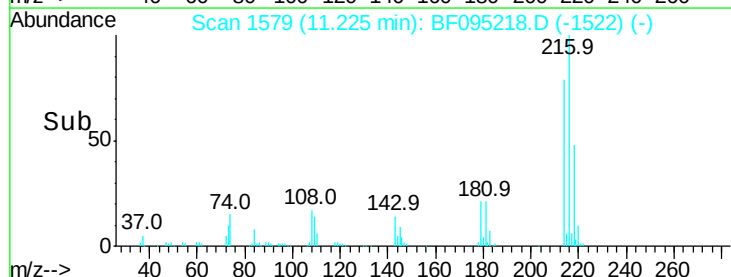


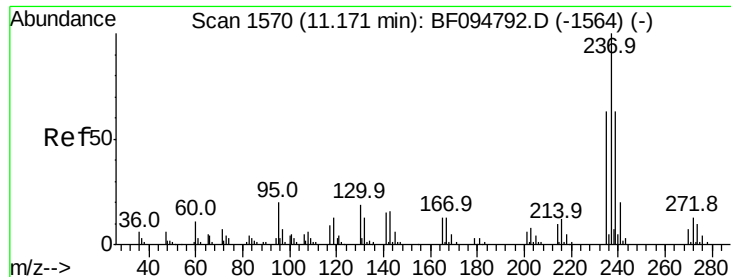
Abundance Ion 216.00 (215.70 to 216.70): E

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: 12.62 ng

RT: 11.20 min Scan# 1575

Delta R.T. 0.03 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampleId :

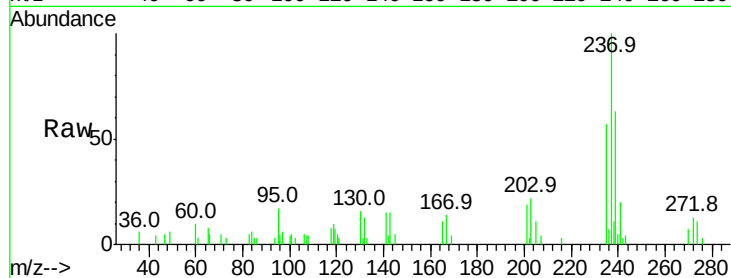
Tot Ion:237 Resp: 12404

Ion Ratio Lower Upper

237 100

235 57.5 42.6 82.6

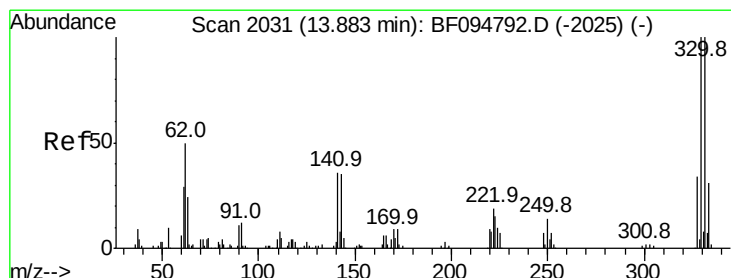
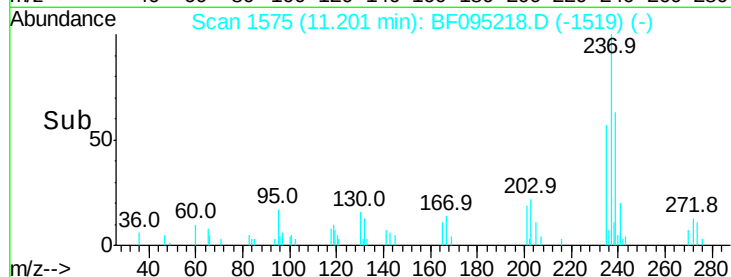
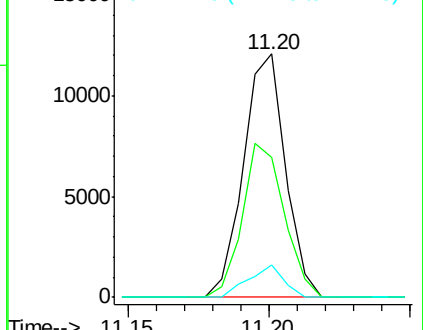
272 13.2 0.0 31.9



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: 105.76 ng

RT: 13.92 min Scan# 2037

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

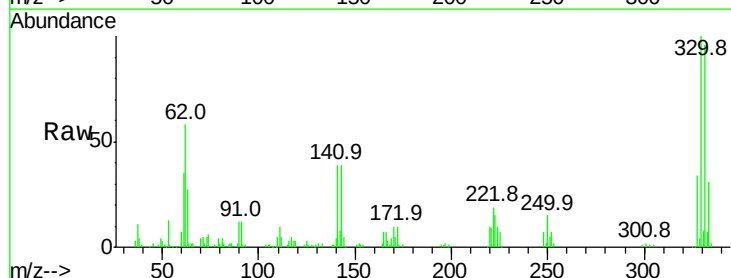
Tgt Ion:330 Resp: 116950

Ion Ratio Lower Upper

330 100

332 96.2 76.6 115.0

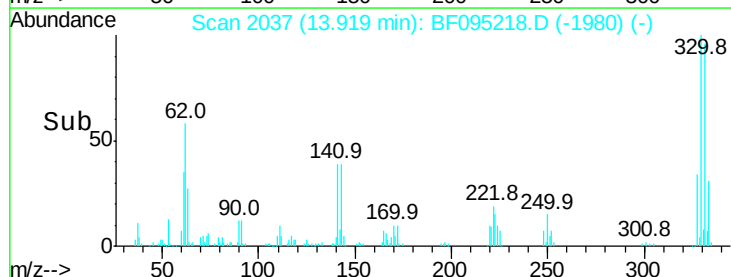
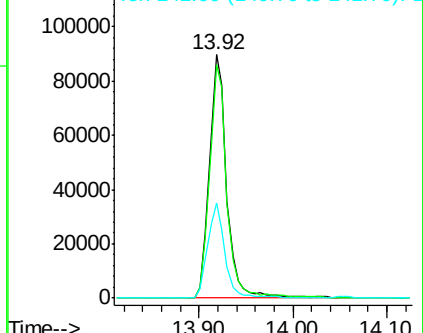
141 38.9 31.4 47.2

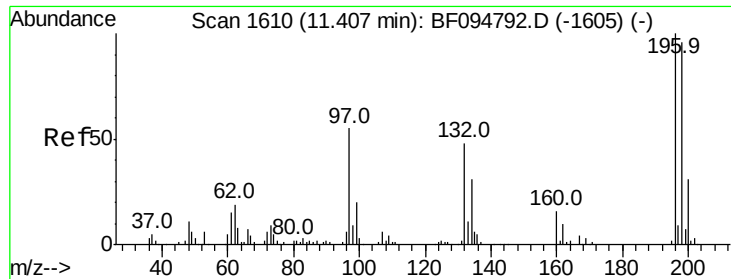


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

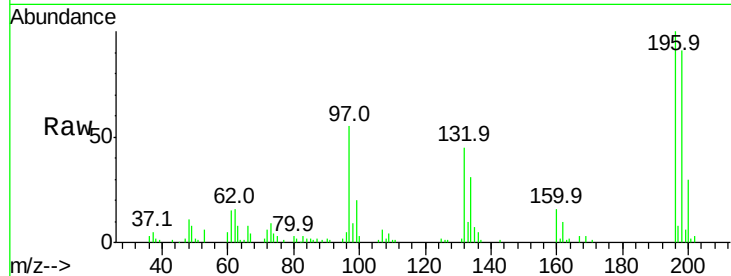




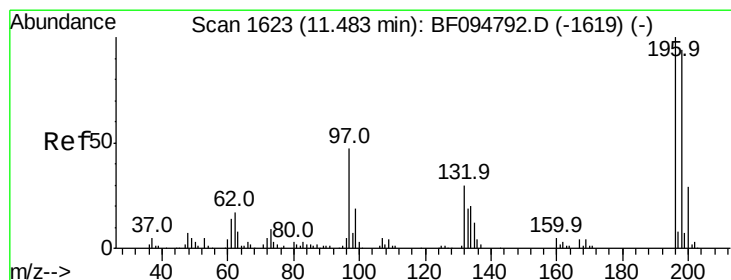
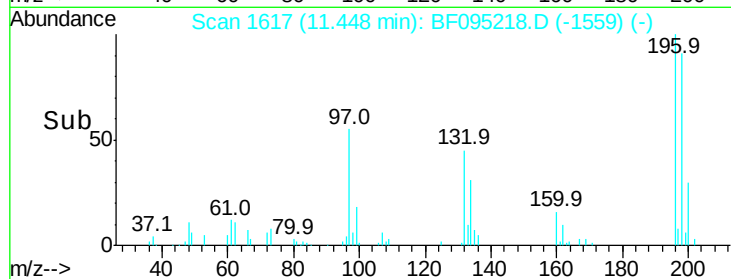
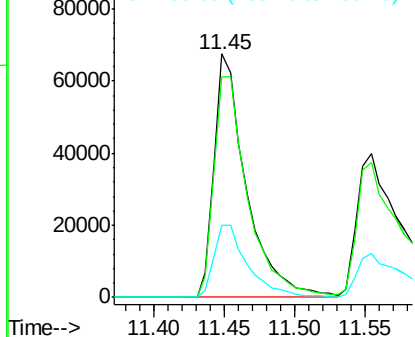
#42
 2,4,6-Trichlorophenol
 Concen: 38.81 ng
 RT: 11.45 min Scan# 1617
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 107606
 Ion Ratio Lower Upper
 196 100
 198 90.6 74.2 111.4
 200 29.7 24.0 36.0

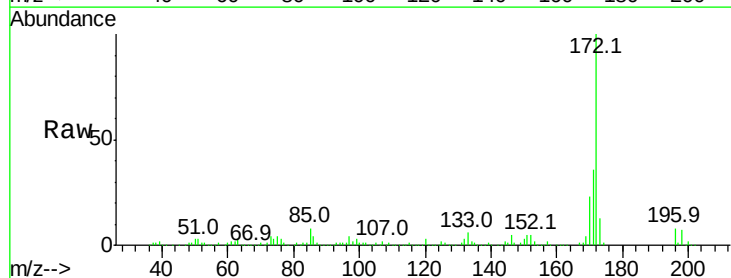


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

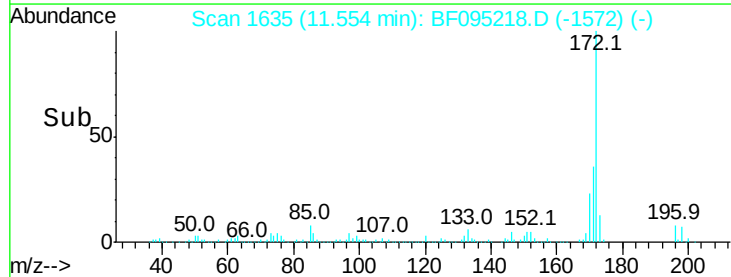
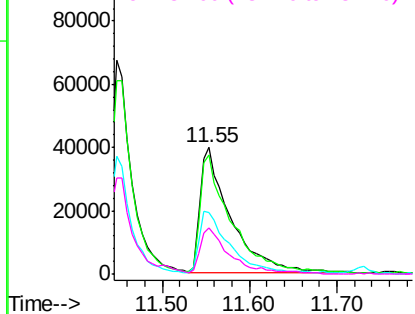


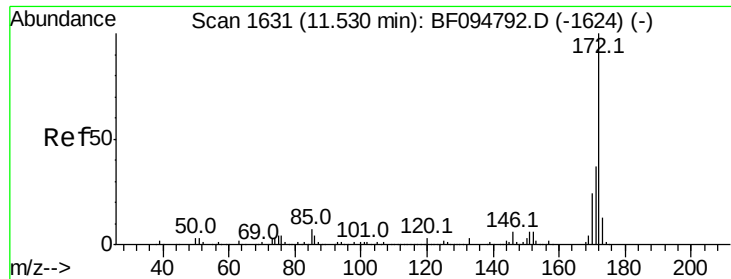
#43
 2,4,5-Trichlorophenol
 Concen: 32.05 ng
 RT: 11.55 min Scan# 1635
 Delta R.T. 0.07 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion:196 Resp: 95502
 Ion Ratio Lower Upper
 196 100
 198 93.8 75.7 113.5
 97 48.3 47.7 71.5
 132 36.2 28.0 42.0



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

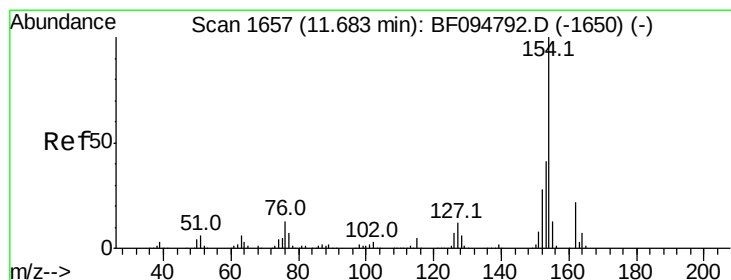
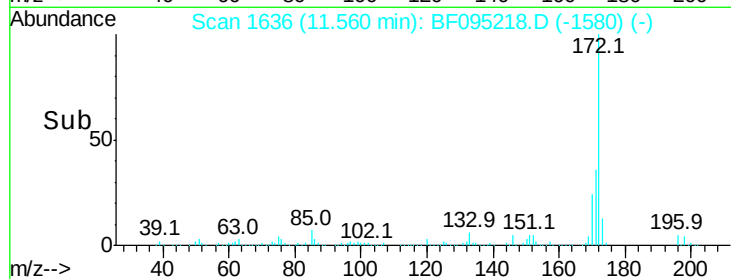
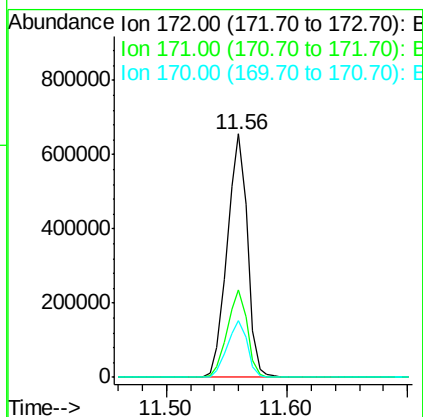
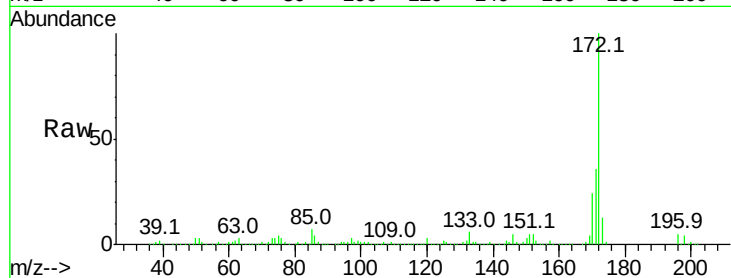




#44
2-Fluorobiphenyl
Concen: 81.33 ng
RT: 11.56 min Scan# 1636
Delta R.T. 0.03 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

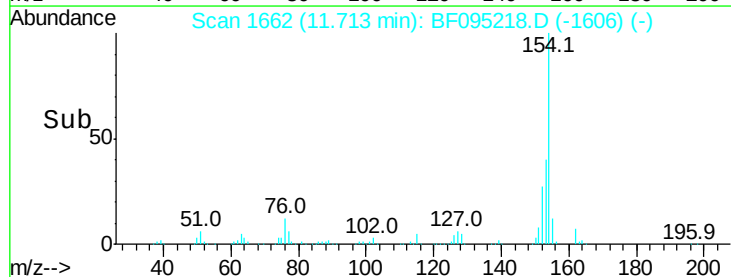
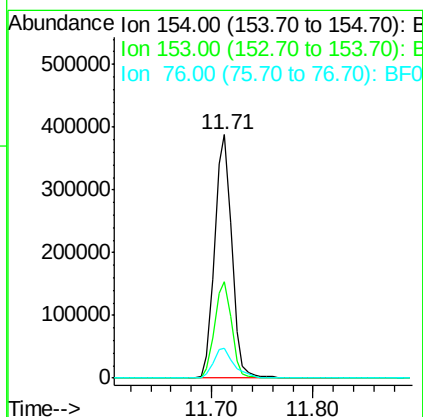
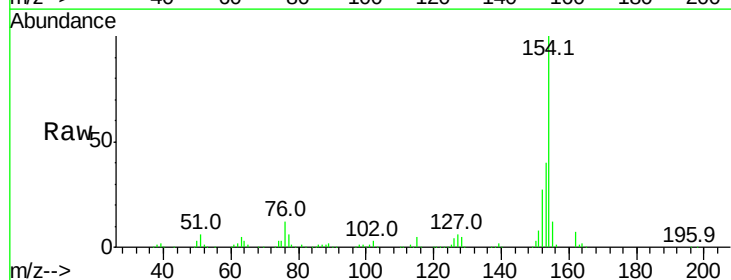
Instrument :
BNA_F
ClientSampleId :

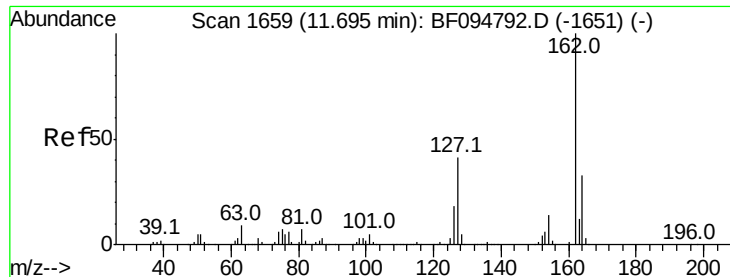
Tot Ion:172 Resp: 762928
Ion Ratio Lower Upper
172 100
171 35.9 29.6 44.4
170 23.5 19.8 29.8



#45
1,1'-Biphenyl
Concen: 40.31 ng
RT: 11.71 min Scan# 1662
Delta R.T. 0.03 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion:154 Resp: 458214
Ion Ratio Lower Upper
154 100
153 39.9 21.2 61.2
76 12.5 0.0 29.9

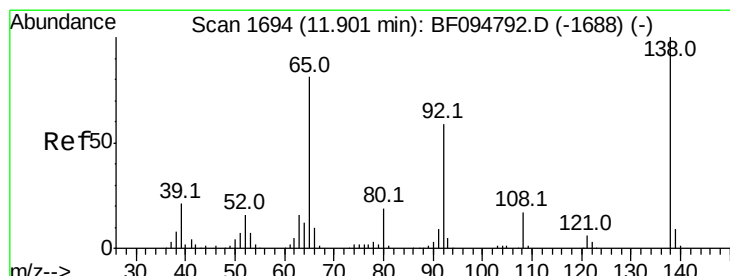
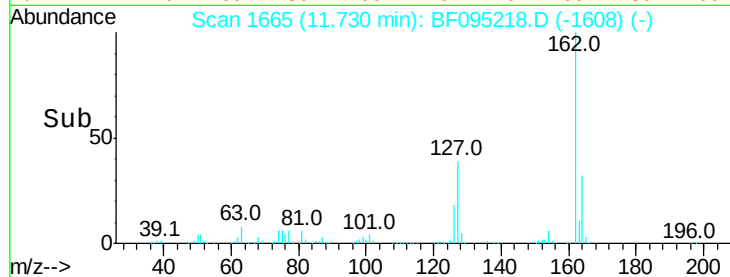
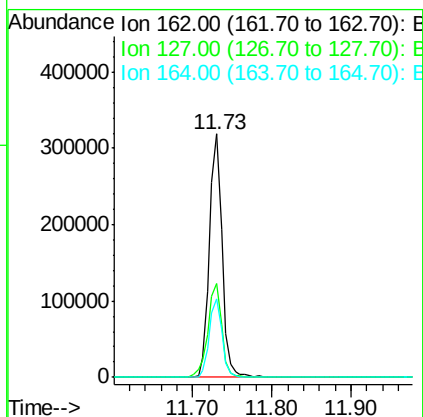
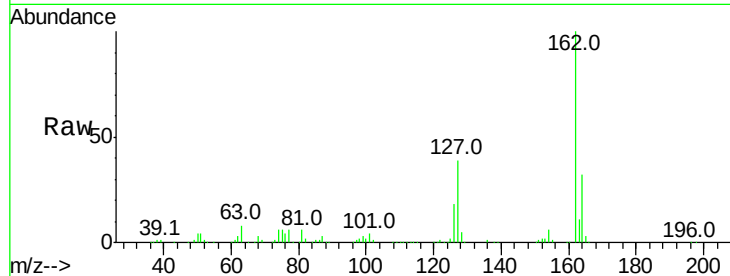




#46
2-Chloronaphthalene
Concen: 38.96 ng
RT: 11.73 min Scan# 1665
Delta R.T. 0.04 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

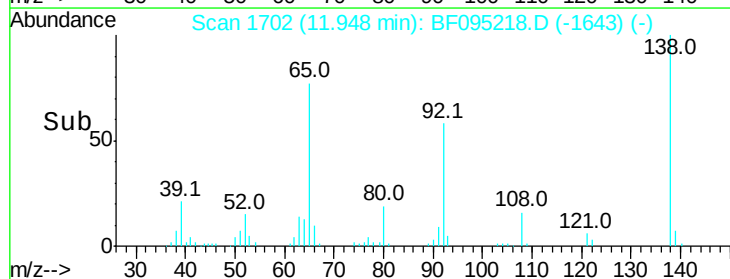
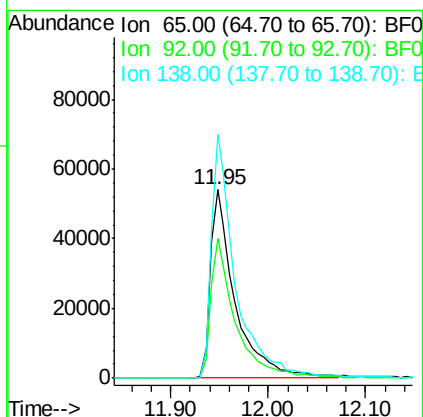
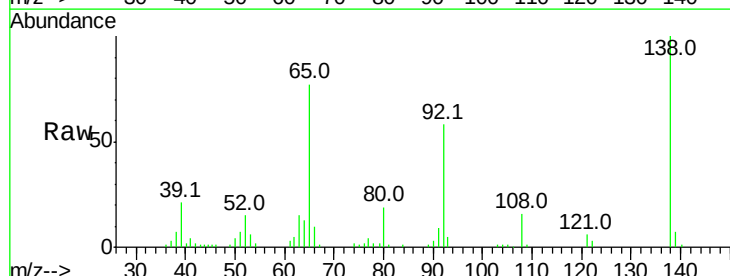
Instrument :
BNA_F
ClientSampleId :

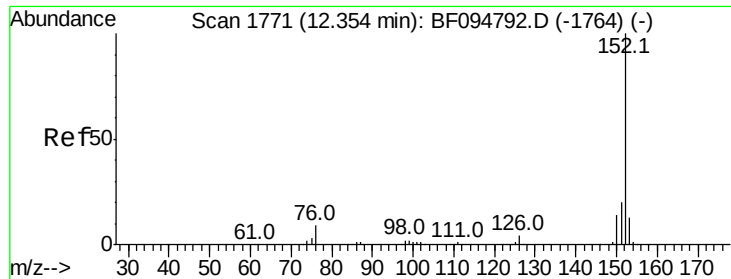
Tot Ion:162 Resp: 357611
Ion Ratio Lower Upper
162 100
127 38.5 28.3 42.5
164 32.5 27.0 40.4



#47
2-Nitroaniline
Concen: 37.81 ng
RT: 11.95 min Scan# 1702
Delta R.T. 0.05 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion: 65 Resp: 94999
Ion Ratio Lower Upper
65 100
92 74.6 53.9 80.9
138 129.4 78.8 118.2#





#48

Acenaphthylene

Concen: 37.60 ng

RT: 12.39 min Scan# 1777

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampleId :

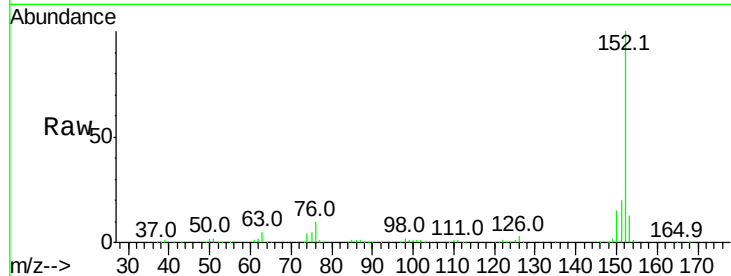
Tot Ion:152 Resp: 540563

Ion Ratio Lower Upper

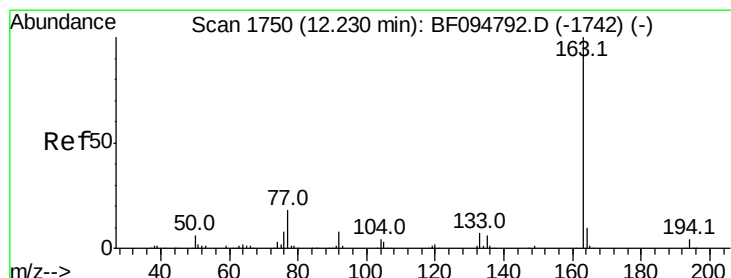
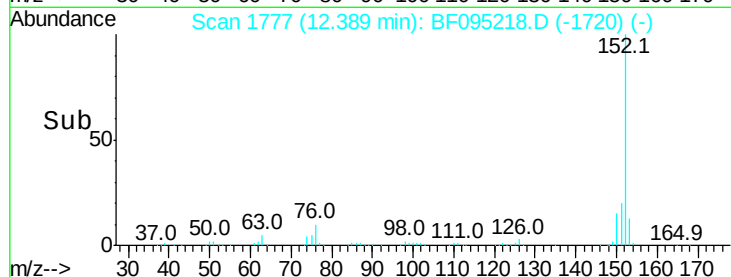
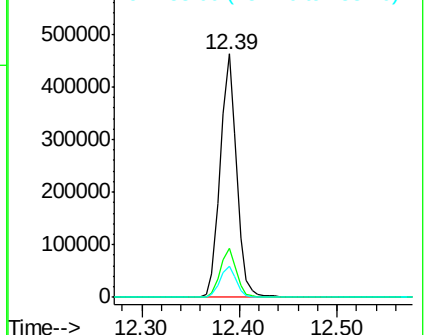
152 100

151 20.3 16.8 25.2

153 12.7 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 49.39 ng

RT: 12.26 min Scan# 1755

Delta R.T. 0.03 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

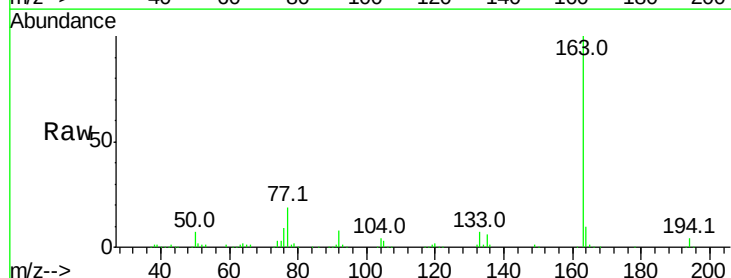
Tgt Ion:163 Resp: 547440

Ion Ratio Lower Upper

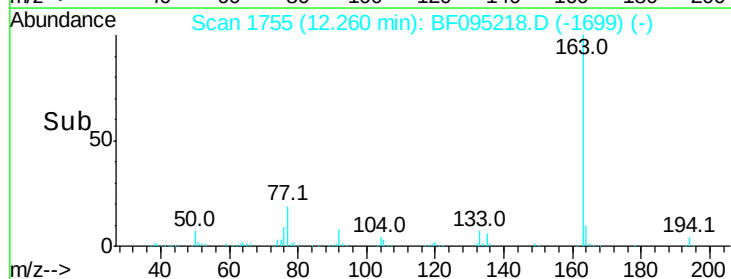
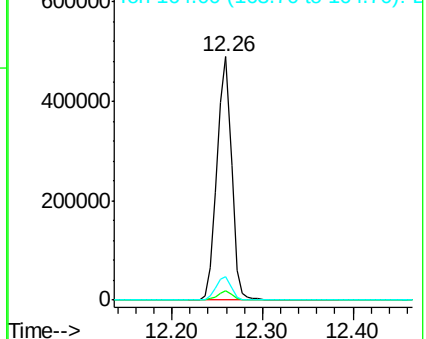
163 100

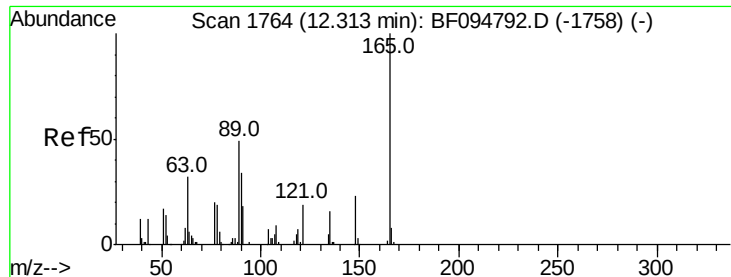
194 3.7 2.6 4.0

164 9.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

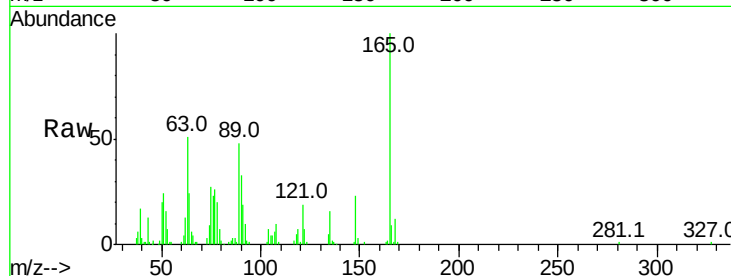




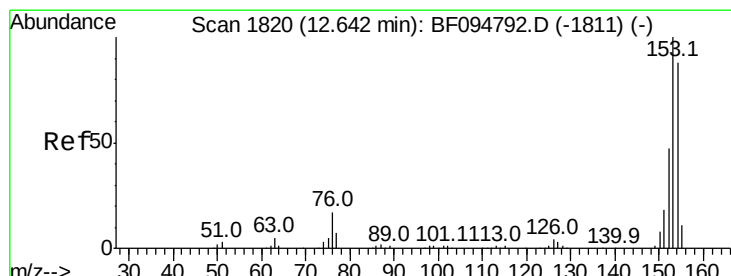
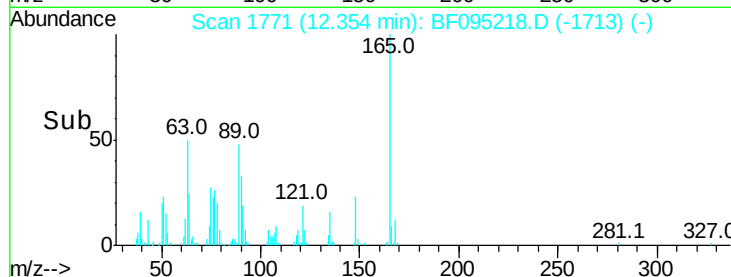
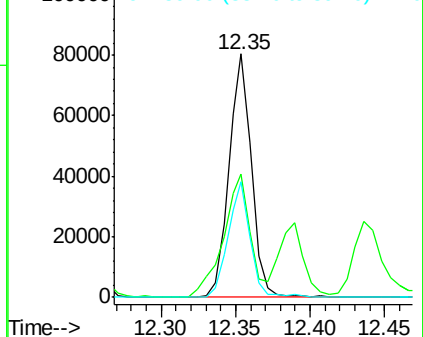
#50
2,6-Dinitrotoluene
Concen: 37.62 ng
RT: 12.35 min Scan# 1771
Delta R.T. 0.04 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.5	34.3	51.5
89	47.7	37.1	55.7

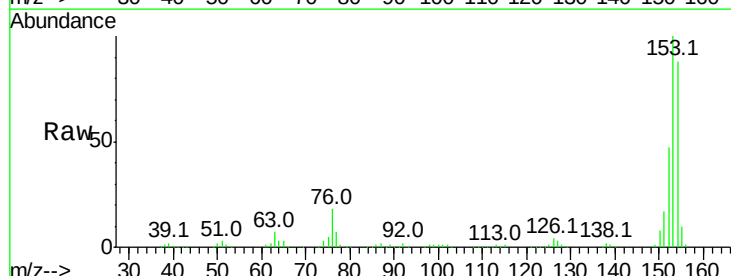


Abundance Ion 165.00 (164.70 to 165.70): E

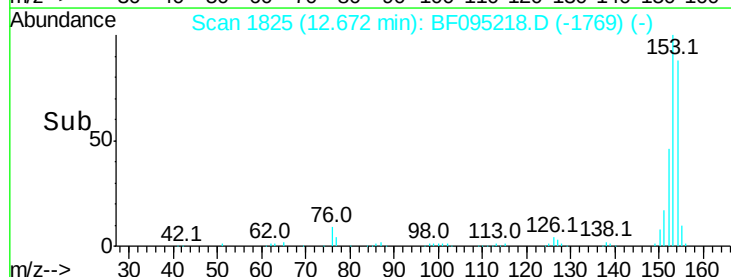
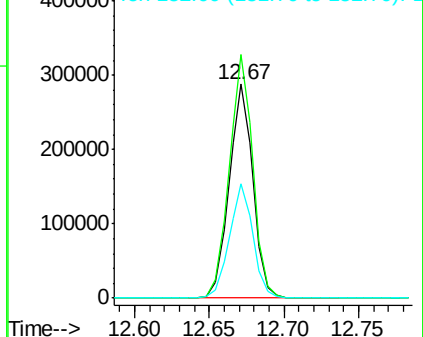


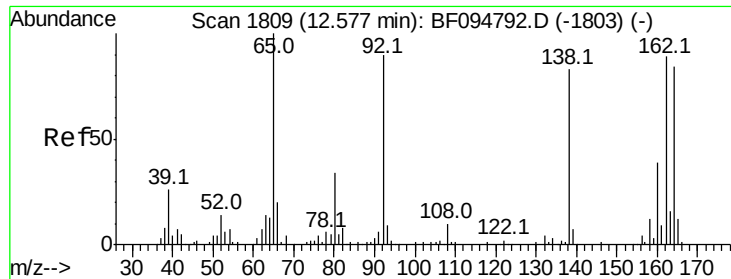
#51
Acenaphthene
Concen: 37.48 ng
RT: 12.67 min Scan# 1825
Delta R.T. 0.03 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.0	90.5	135.7
152	53.4	43.6	65.4



Abundance Ion 154.00 (153.70 to 154.70): E





#52

3-Nitroaniline

Concen: 25.80 ng

RT: 12.64 min Scan# 1819

Delta R.T. 0.06 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampleId :

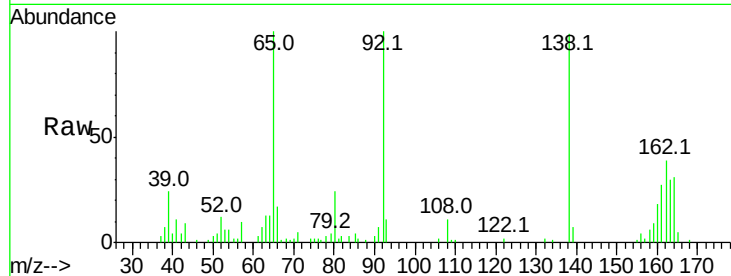
Tot Ion:138 Resp: 62627

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

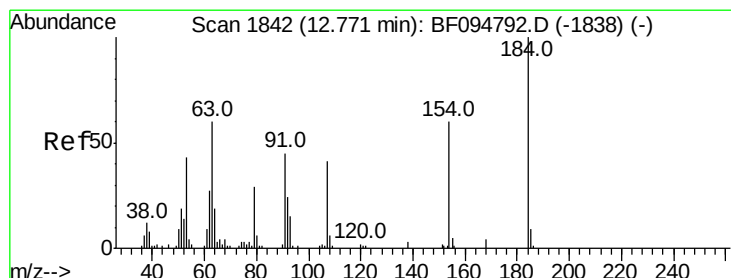
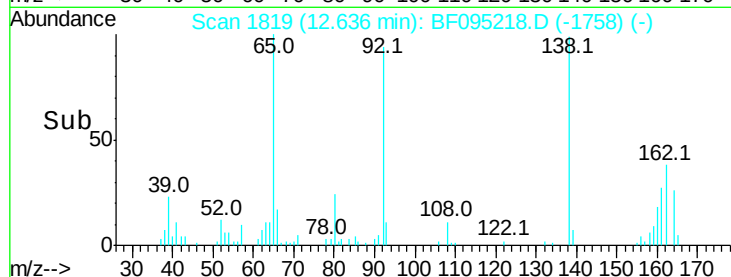
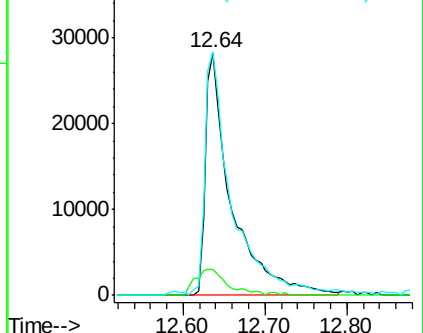
92 100.3 93.8 140.6



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: 9.17 ng

RT: 12.90 min Scan# 1864

Delta R.T. 0.13 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

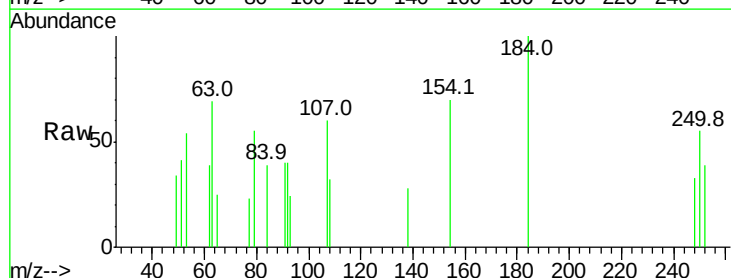
Tgt Ion:184 Resp: 3950

Ion Ratio Lower Upper

184 100

63 69.3 62.7 94.1

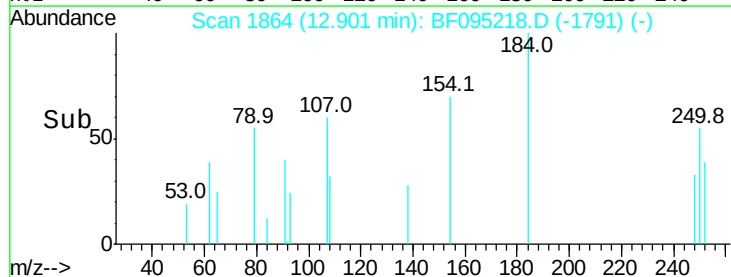
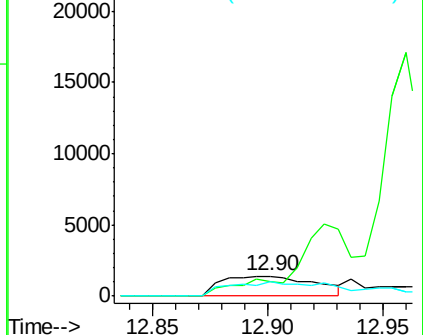
154 69.5 81.1 121.7#

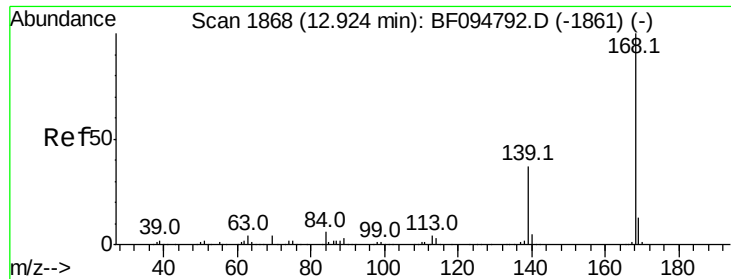


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E

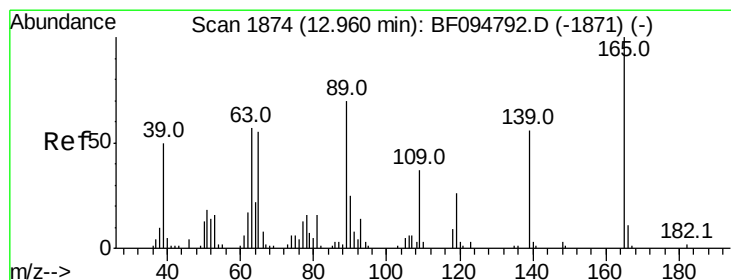
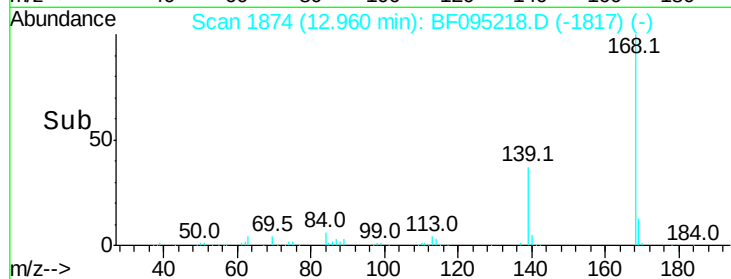
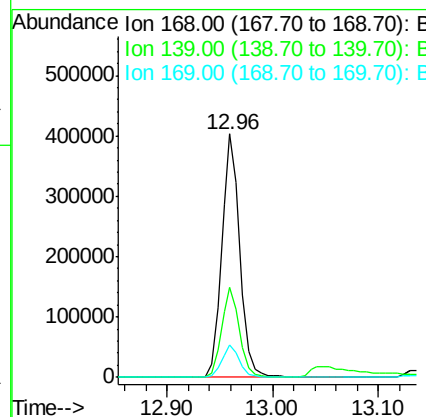
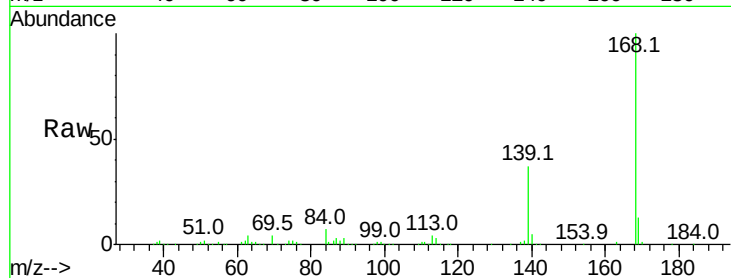




#54
Dibenzofuran
Concen: 40.67 ng
RT: 12.96 min Scan# 1874
Delta R.T. 0.04 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

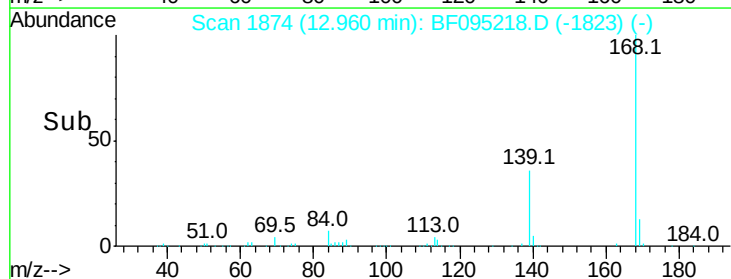
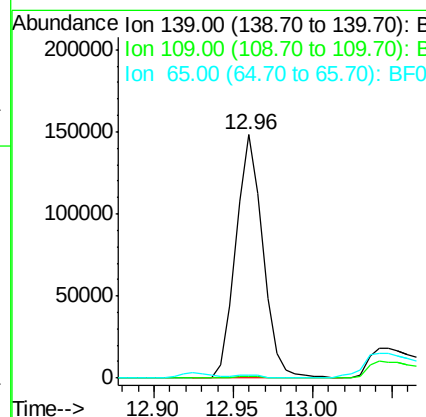
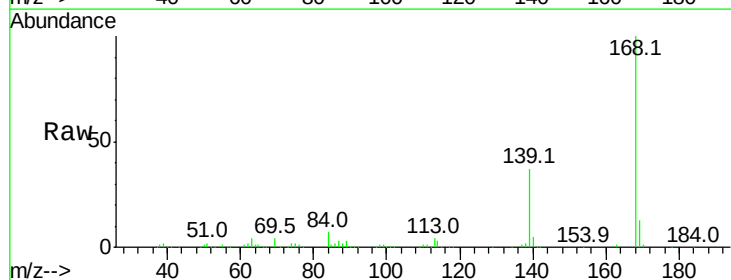
Instrument :
BNA_F
ClientSampleId :

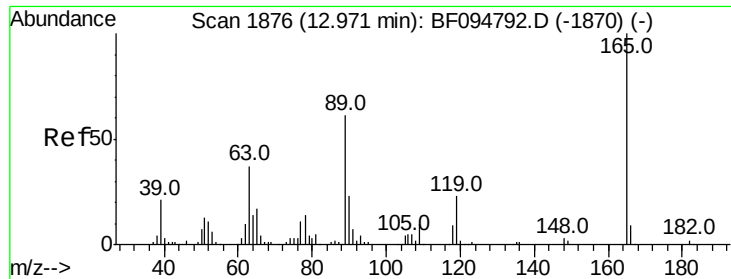
Tot Ion:168 Resp: 483279
Ion Ratio Lower Upper
168 100
139 36.8 30.6 45.8
169 13.1 10.8 16.2



#55
4-Nitrophenol
Concen: 120.43 ng
RT: 12.96 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion:139 Resp: 175558
Ion Ratio Lower Upper
139 100
109 0.7 34.1 74.1#
65 1.4 31.4 71.4#





#56

2,4-Dinitrotoluene

Concen: 35.48 ng

RT: 13.03 min Scan# 1886

Delta R.T. 0.06 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampled :

Tot Ion:165 Resp: 103100

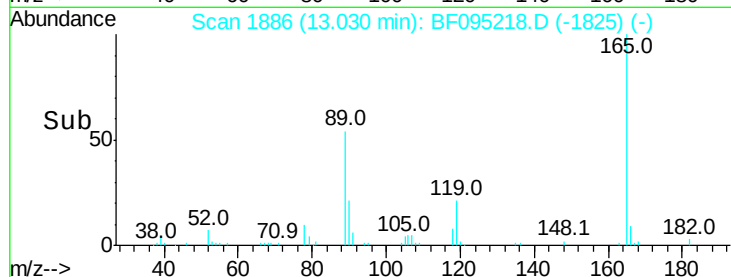
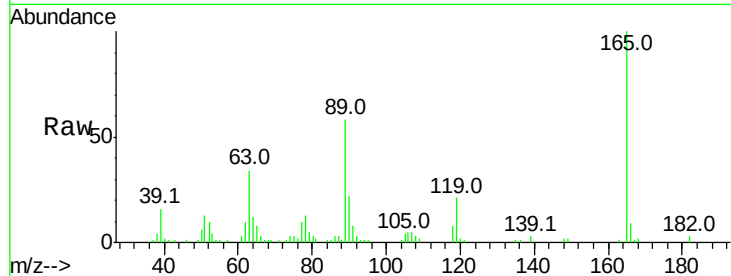
Ion Ratio Lower Upper

165 100

63 34.4 25.4 38.0

89 58.2 46.4 69.6

182 2.8 1.8 2.6#

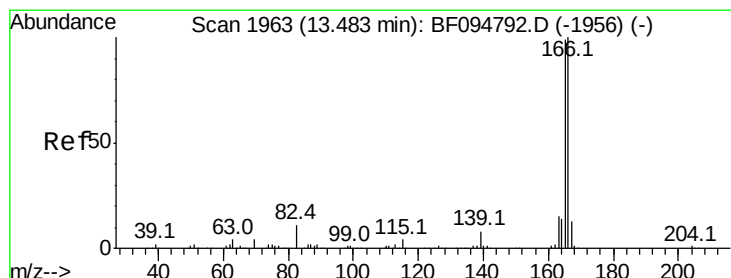
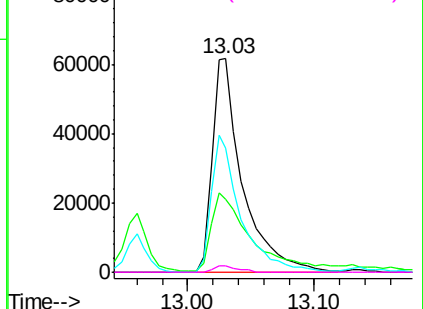


Abundance Ion 165.00 (164.70 to 165.70): E

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: 35.79 ng

RT: 13.51 min Scan# 1968

Delta R.T. 0.03 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

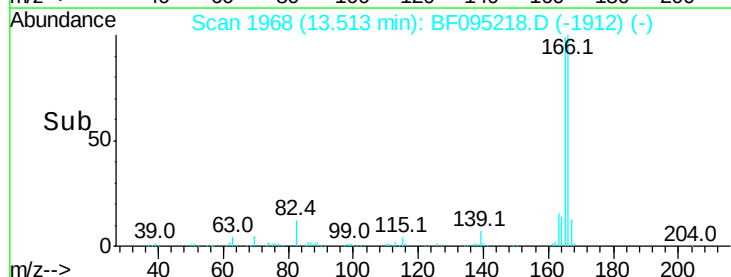
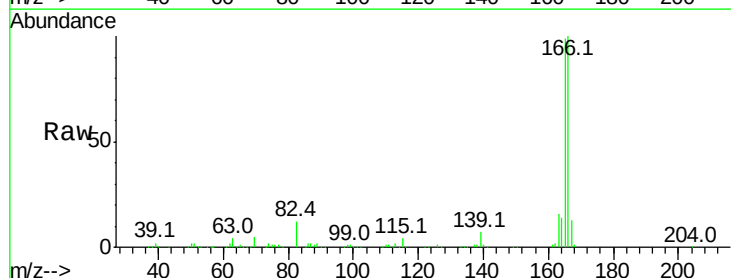
Tgt Ion:166 Resp: 369803

Ion Ratio Lower Upper

166 100

165 98.5 78.8 118.2

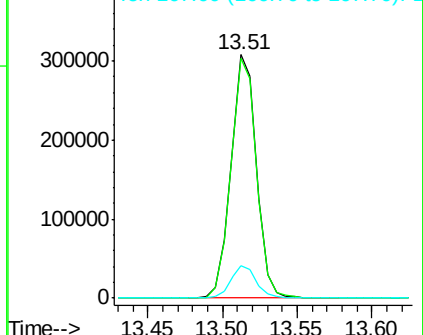
167 13.3 10.6 16.0

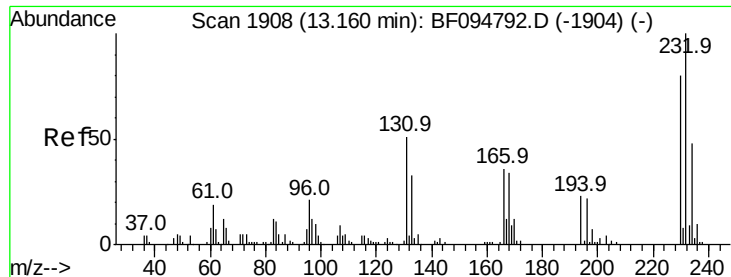


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

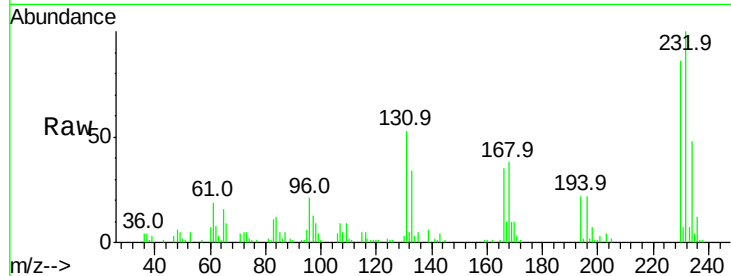




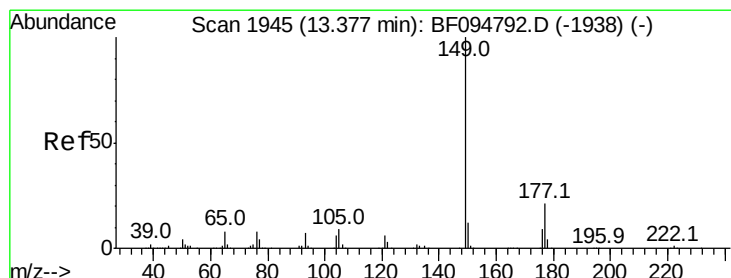
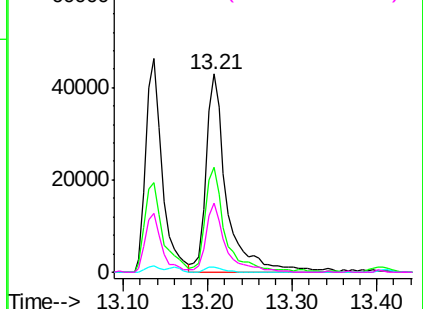
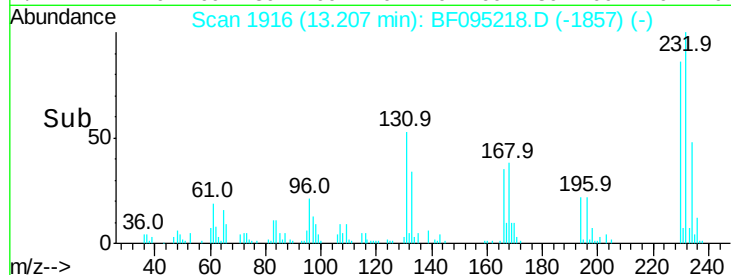
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.49 ng
 RT: 13.21 min Scan# 1916
 Delta R.T. 0.05 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232 Resp: 74054
 Ion Ratio Lower Upper
 232 100
 131 51.9 44.8 67.2
 130 2.3 2.3 3.5
 166 33.1 29.0 43.4

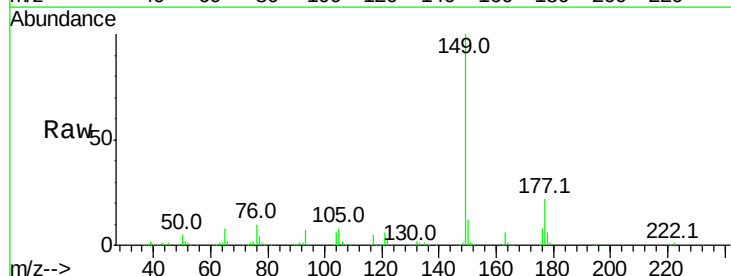


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

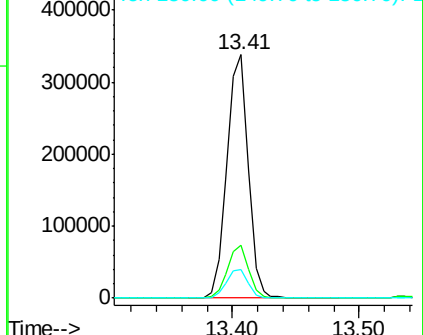
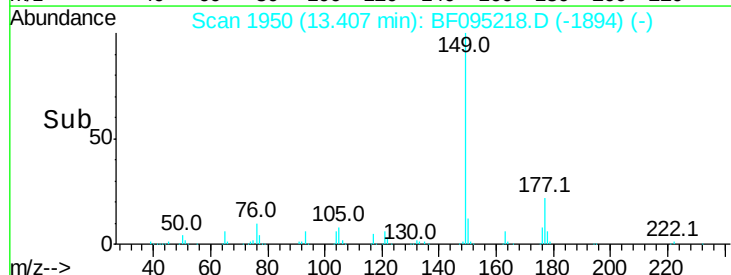


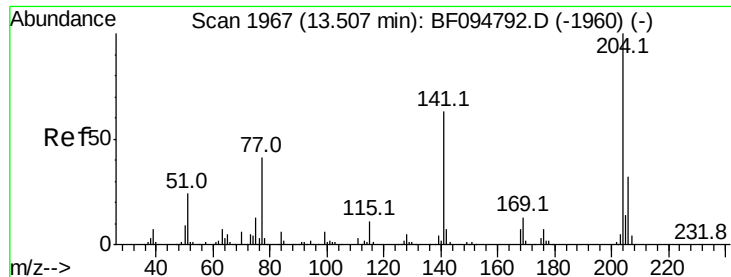
#59
 Diethylphthalate
 Concen: 36.90 ng
 RT: 13.41 min Scan# 1950
 Delta R.T. 0.03 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion:149 Resp: 392059
 Ion Ratio Lower Upper
 149 100
 177 21.6 16.7 25.1
 150 11.7 10.2 15.2



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





#60

4-Chlorophenyl-phenylether

Concen: 36.79 ng

RT: 13.54 min Scan# 1972

Delta R.T. 0.03 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampleId :

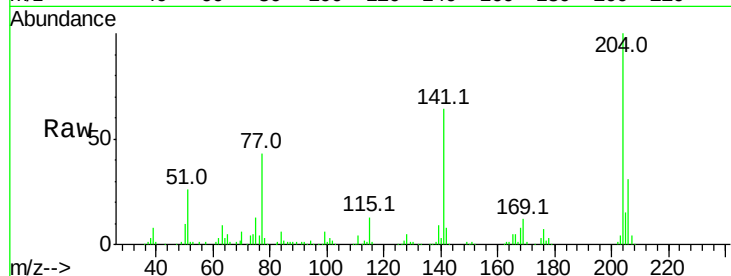
Tot Ion:204 Resp: 167062

Ion Ratio Lower Upper

204 100

206 31.4 26.2 39.2

141 64.0 60.8 91.2

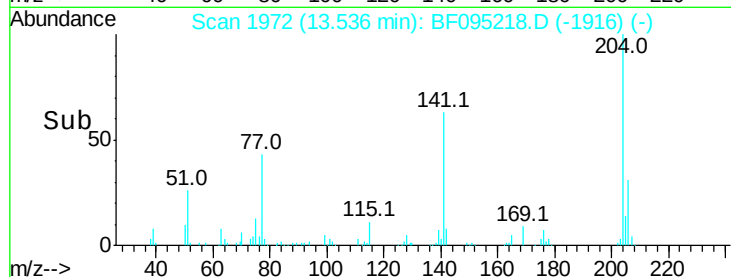


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



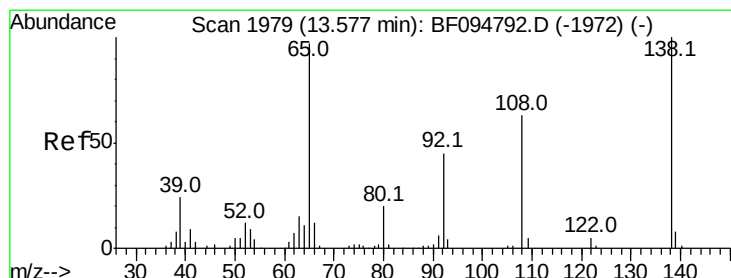
Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



#61

4-Nitroaniline

Concen: 26.21 ng

RT: 13.63 min Scan# 1988

Delta R.T. 0.05 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

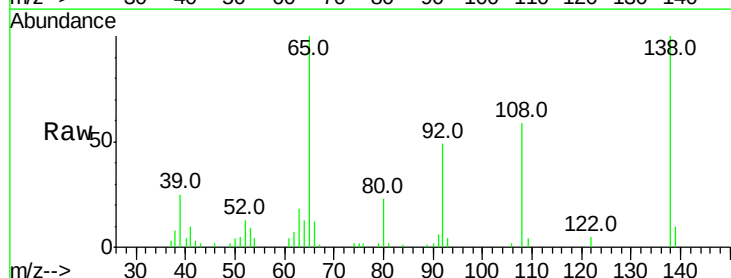
Tgt Ion:138 Resp: 58408

Ion Ratio Lower Upper

138 100

92 49.2 21.8 61.8

108 59.2 42.3 82.3

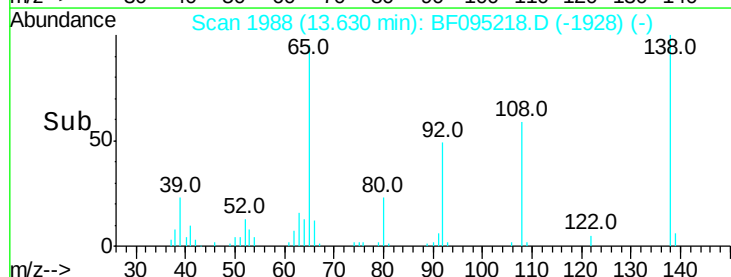


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF0

Ion 108.00 (107.70 to 108.70): E

Time-->



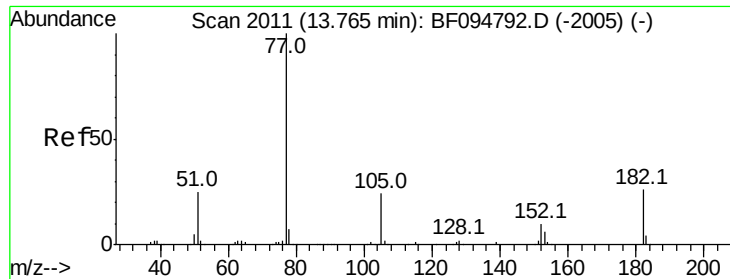
Abundance

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

Time-->



#62

Azobenzene

Concen: 39.11 ng

RT: 13.79 min Scan# 2016

Delta R.T. 0.03 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 333922

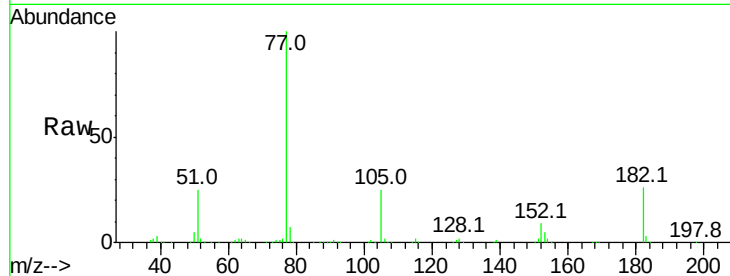
Ion Ratio Lower Upper

77 100

182 25.9 0.1 40.1

105 24.8 3.6 43.6

51 25.0 9.4 49.4

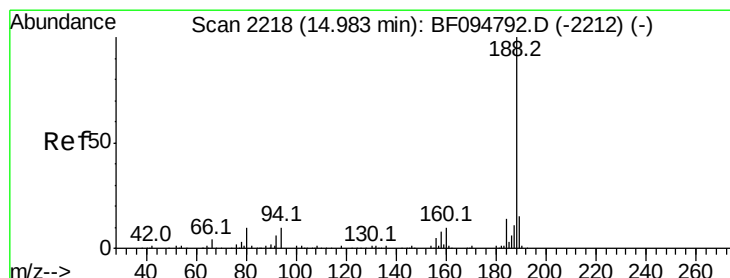
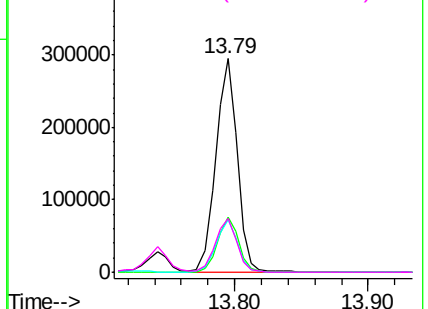
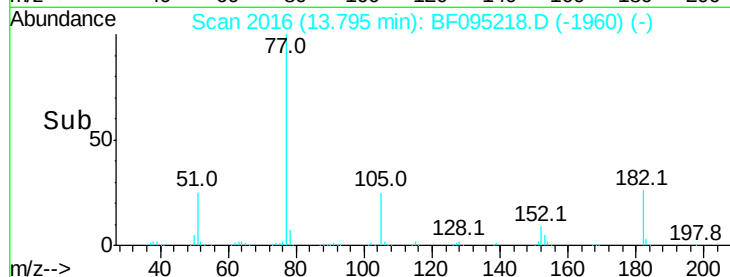


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 15.02 min Scan# 2225

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

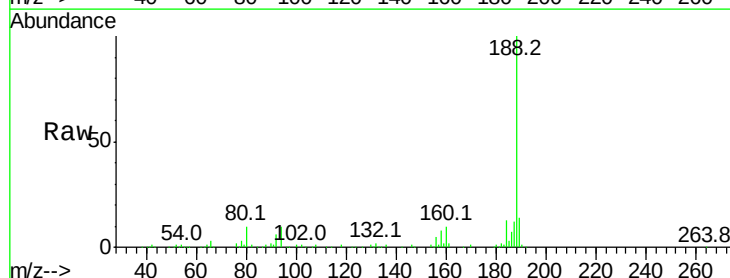
Tgt Ion: 188 Resp: 181521

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

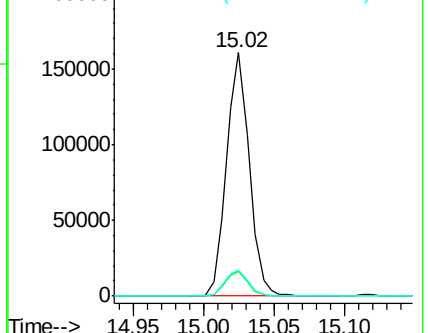
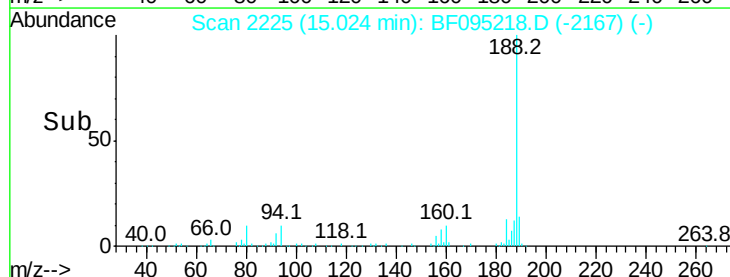
80 10.5 10.2 15.2

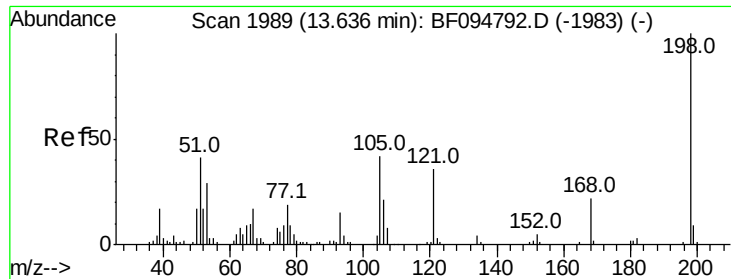


Abundance Ion 188.00 (187.70 to 188.70): BF0

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: 8.77 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.08 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampled :

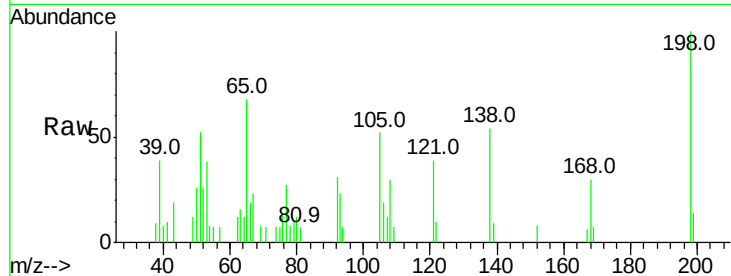
Tot Ion:198 Resp: 10668

Ion Ratio Lower Upper

198 100

51 51.9 53.2 93.2#

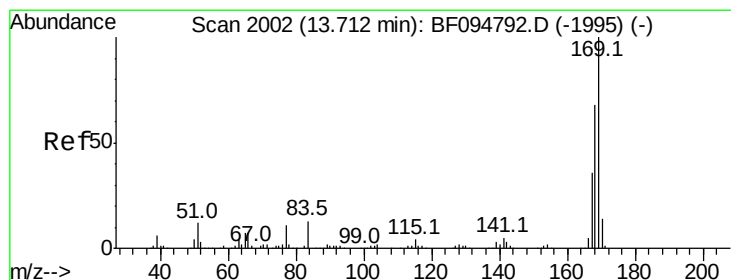
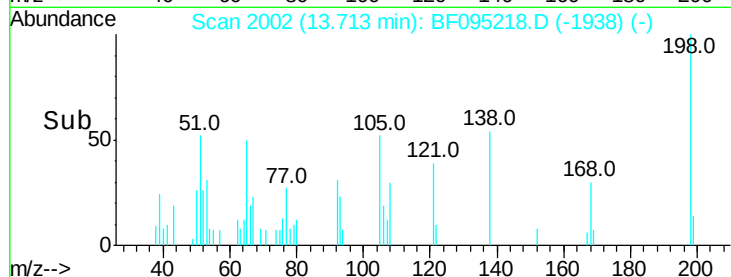
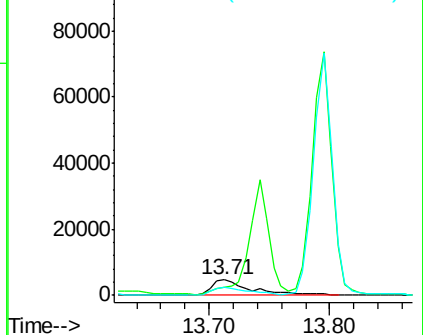
105 52.3 45.8 85.8



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: 47.22 ng

RT: 13.74 min Scan# 2007

Delta R.T. 0.03 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

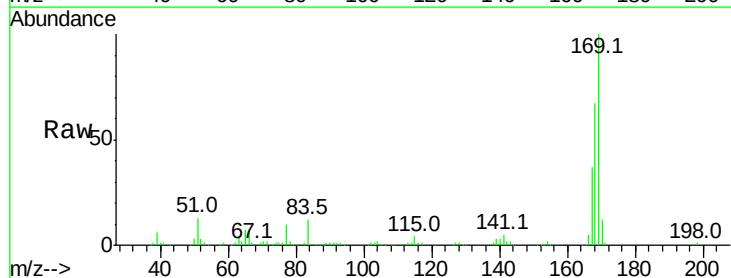
Tgt Ion:169 Resp: 311107

Ion Ratio Lower Upper

169 100

168 67.3 53.2 79.8

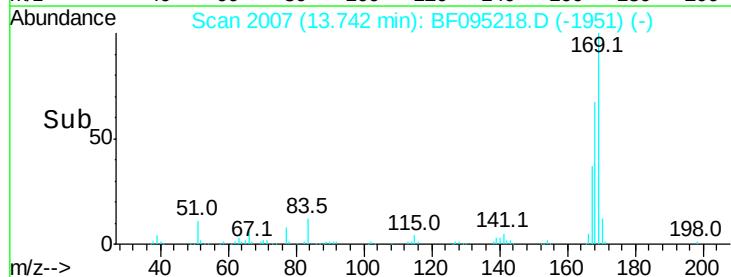
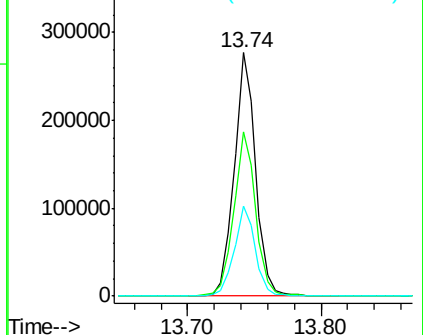
167 36.9 29.5 44.3

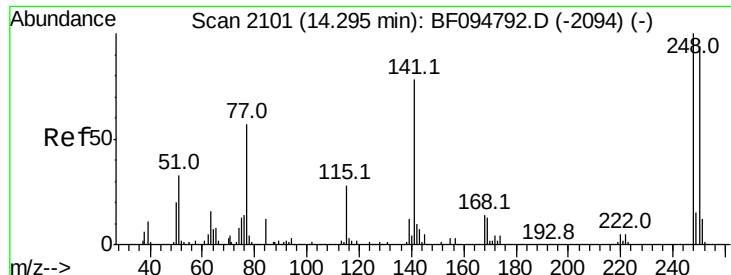


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

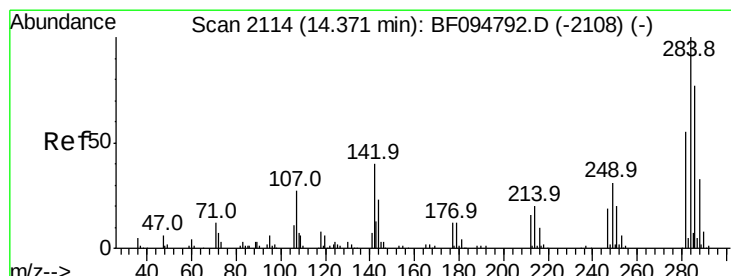
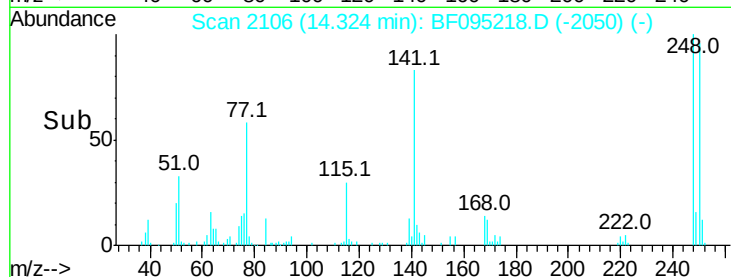
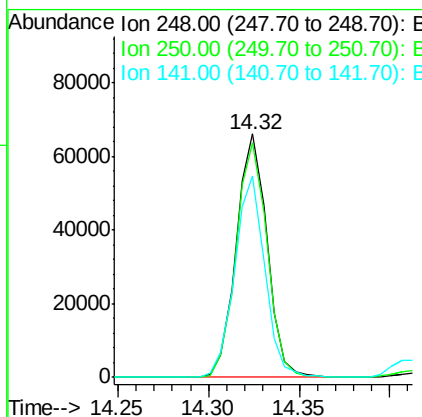
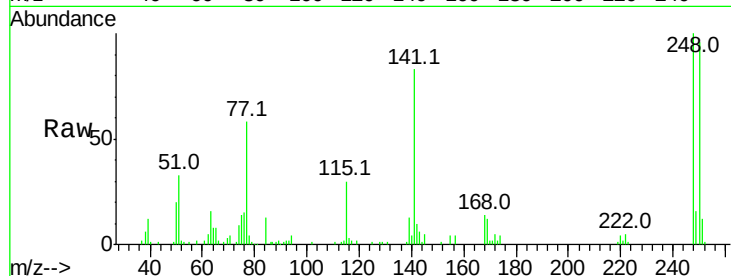




#66
 4-Bromophenyl-phenylether
 Concen: 40.76 ng
 RT: 14.32 min Scan# 2106
 Delta R.T. 0.03 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

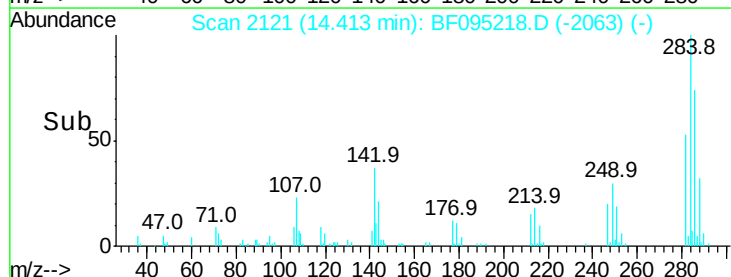
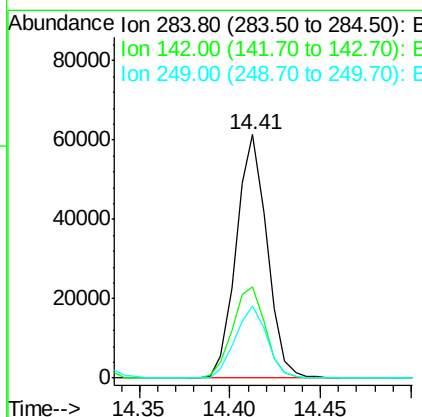
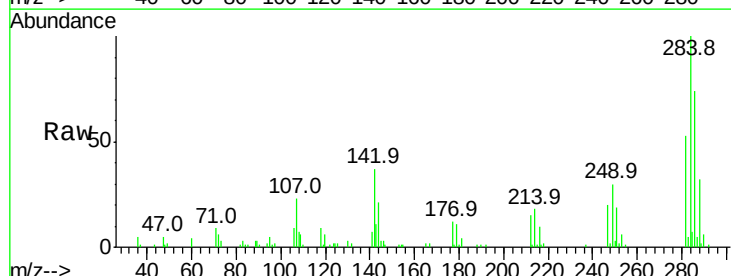
Instrument :
 BNA_F
 ClientSampleId :

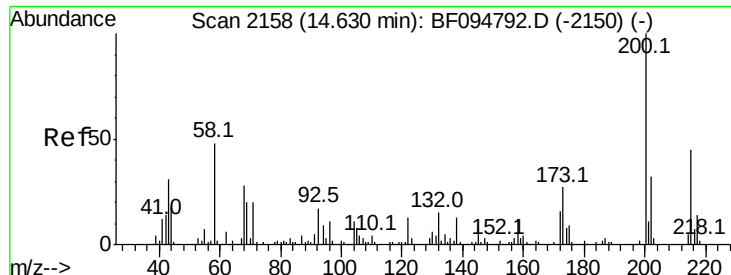
Tot Ion:248 Resp: 78164
 Ion Ratio Lower Upper
 248 100
 250 96.2 76.8 115.2
 141 82.7 68.6 103.0



#67
 Hexachlorobenzene
 Concen: 36.87 ng
 RT: 14.41 min Scan# 2121
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion:284 Resp: 72462
 Ion Ratio Lower Upper
 284 100
 142 37.5 22.8 34.2#
 249 29.7 24.0 36.0

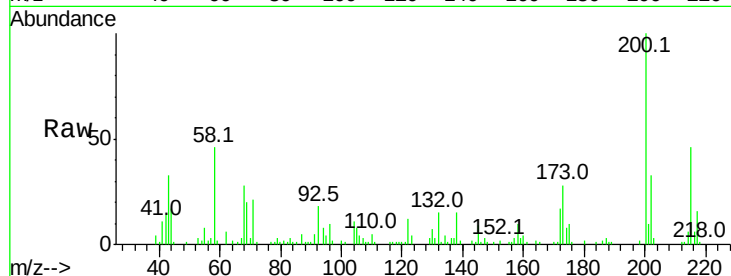




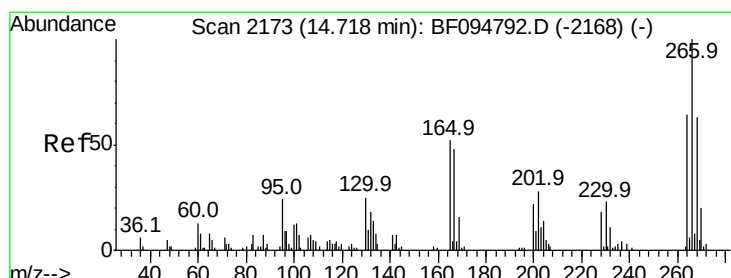
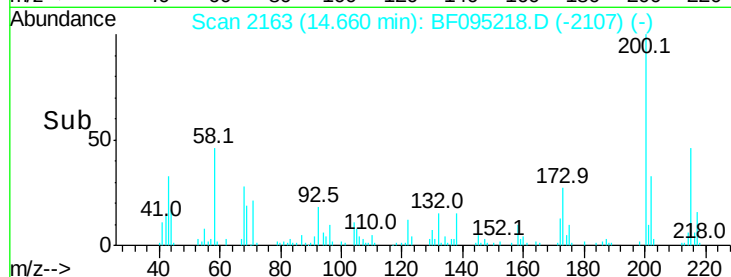
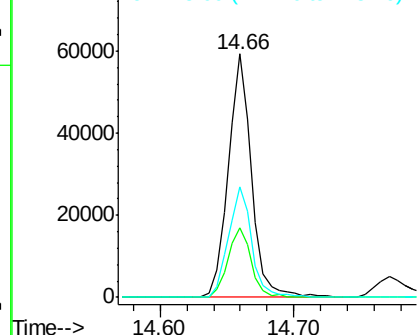
#68
 Atrazine
 Concen: 39.04 ng
 RT: 14.66 min Scan# 2163
 Delta R.T. 0.03 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:200 Resp: 72626
 Ion Ratio Lower Upper
 200 100
 173 28.4 6.3 46.3
 215 45.6 27.2 67.2

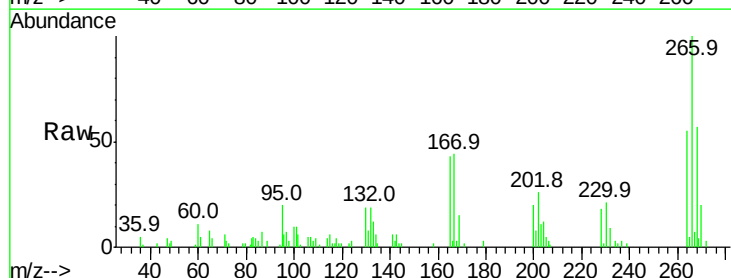


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

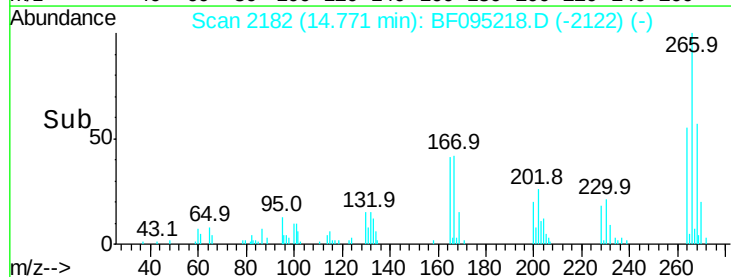
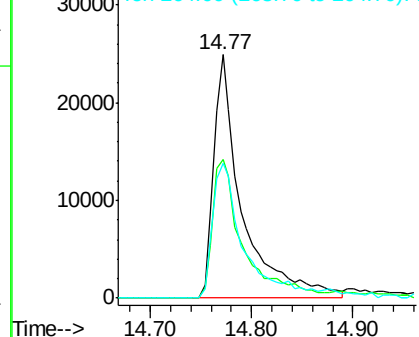


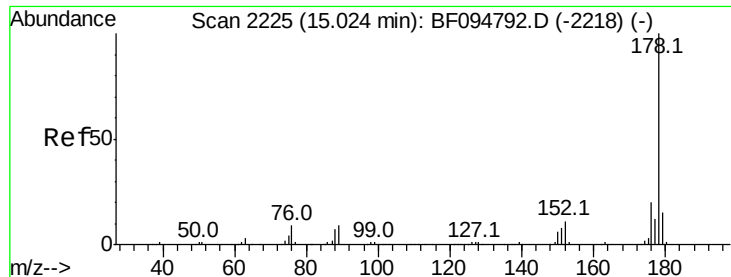
#69
 Pentachlorophenol
 Concen: 56.32 ng
 RT: 14.77 min Scan# 2182
 Delta R.T. 0.05 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion:266 Resp: 48383
 Ion Ratio Lower Upper
 266 100
 268 57.1 51.1 76.7
 264 55.2 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

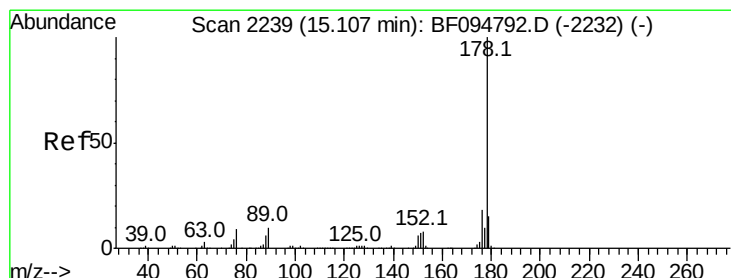
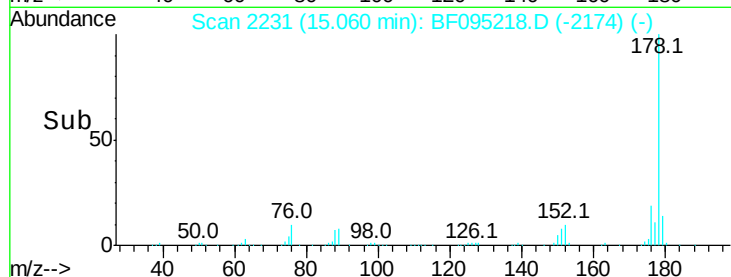
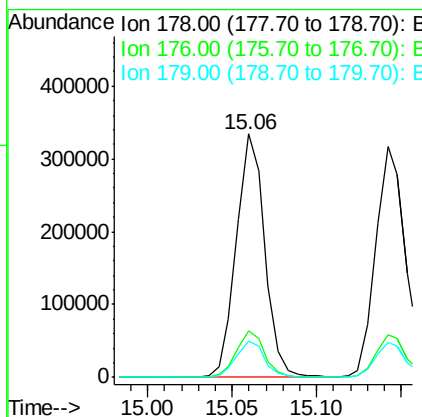
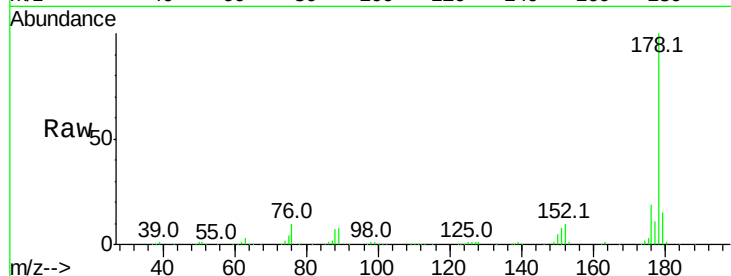




#70
 Phenanthrene
 Concen: 37.69 ng
 RT: 15.06 min Scan# 2231
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

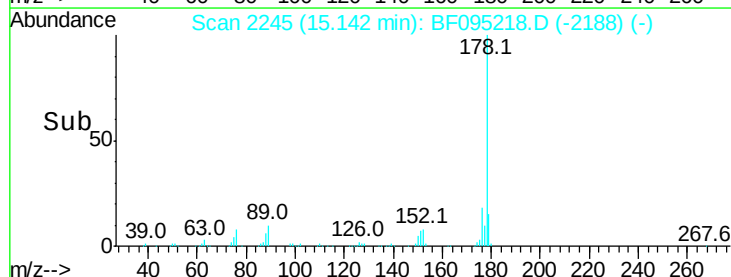
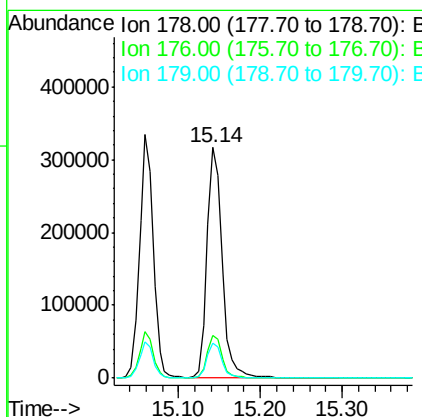
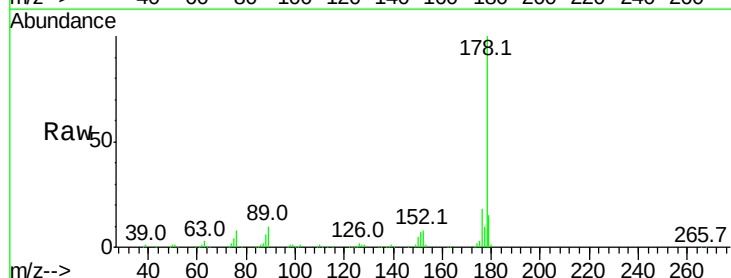
Instrument :
 BNA_F
 ClientSampleId :

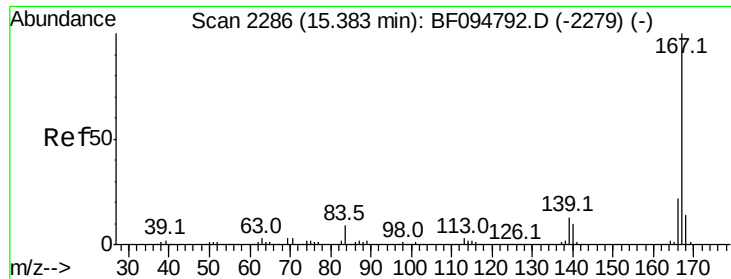
Tot Ion:178 Resp: 393047
 Ion Ratio Lower Upper
 178 100
 176 19.0 16.2 24.4
 179 14.8 12.6 19.0



#71
 Anthracene
 Concen: 38.50 ng
 RT: 15.14 min Scan# 2245
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion:178 Resp: 410157
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.4 12.7 19.1

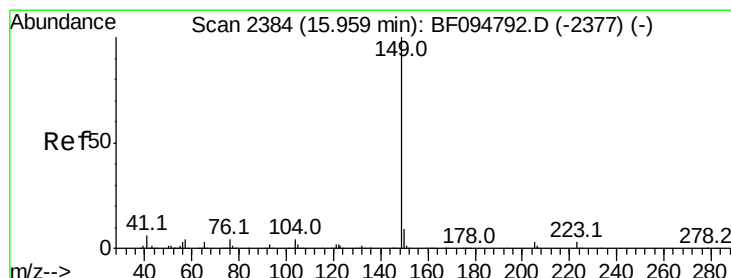
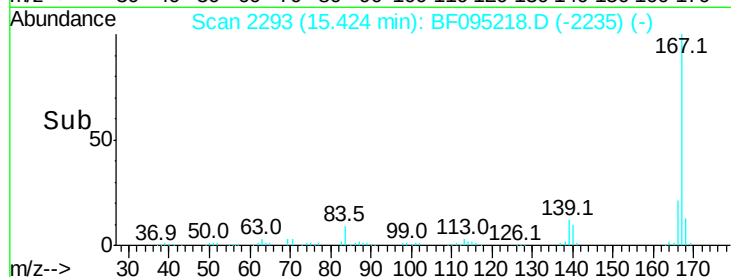
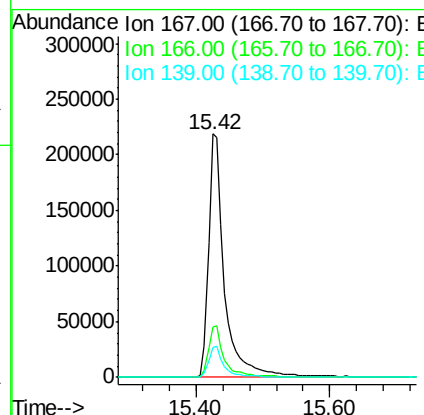
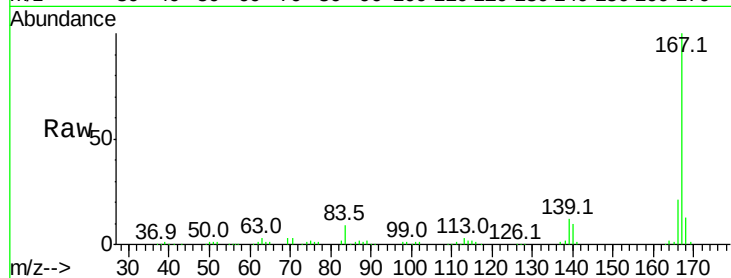




#72
 Carbazole
 Concen: 37.28 ng
 RT: 15.42 min Scan# 2293
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

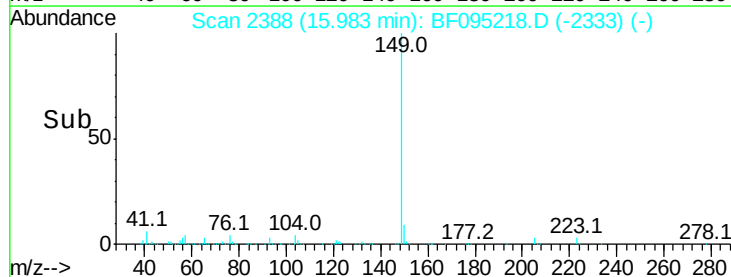
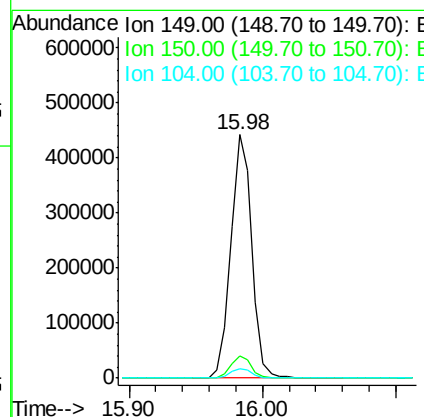
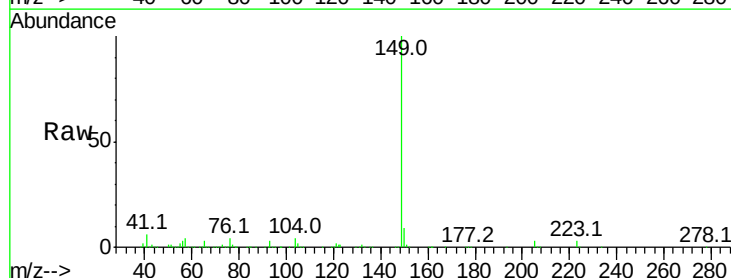
Instrument :
 BNA_F
 ClientSampled :

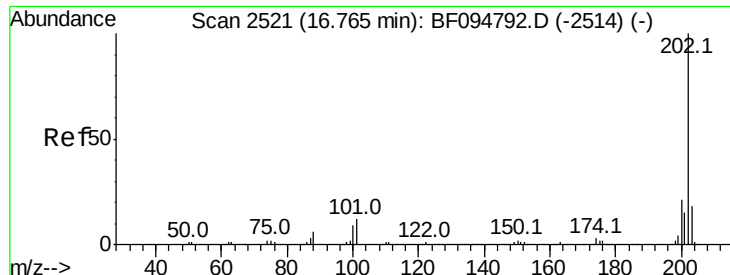
Tot Ion	Ratio	Lower	Upper
167	100		
166	20.7	18.1	27.1
139	12.4	11.7	17.5



#73
 Di-n-butylphthalate
 Concen: 40.40 ng
 RT: 15.98 min Scan# 2388
 Delta R.T. 0.02 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.7	11.5
104	4.1	4.0	6.0

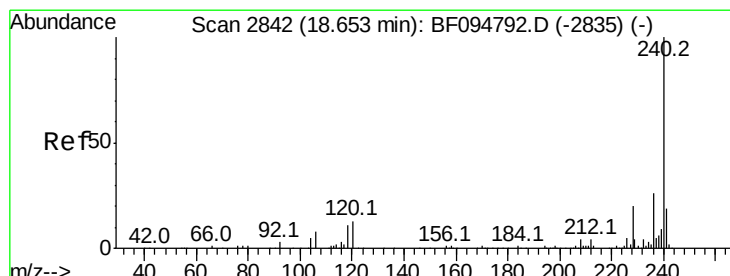
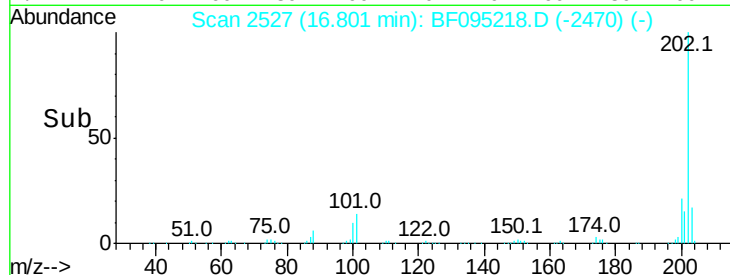
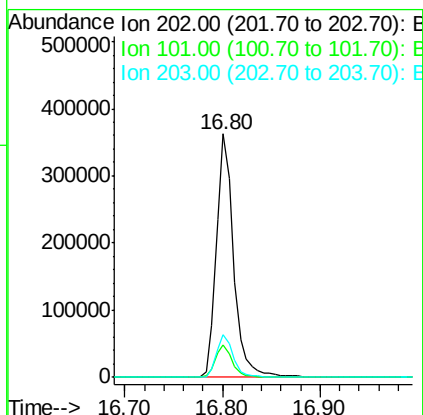
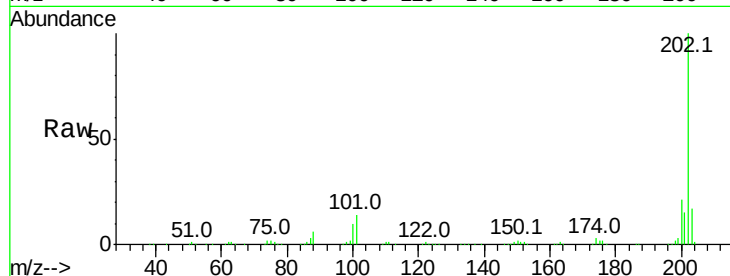




#74
 Fluoranthene
 Concen: 41.58 ng
 RT: 16.80 min Scan# 2527
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

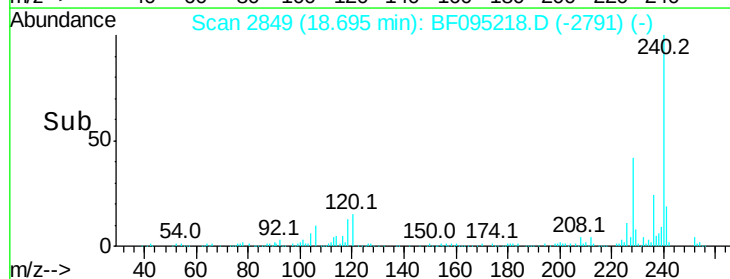
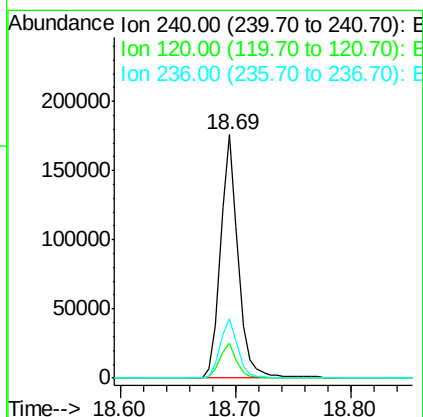
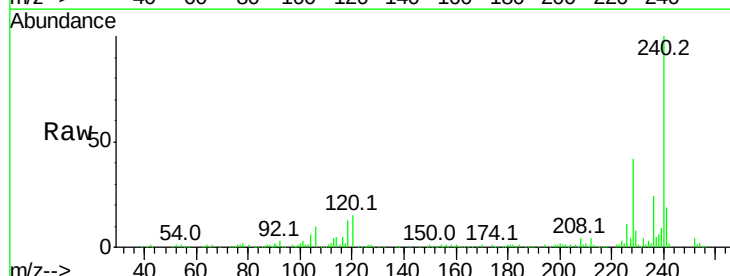
Instrument :
 BNA_F
 ClientSampleId :

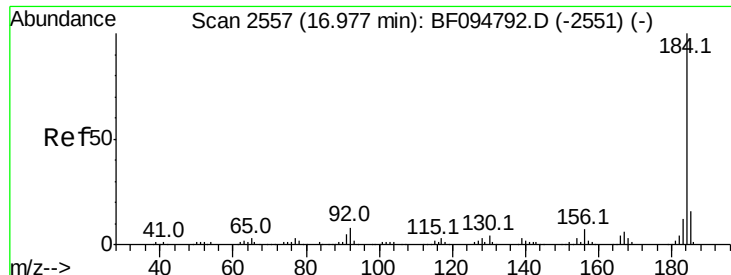
Tot Ion:202 Resp: 444806
 Ion Ratio Lower Upper
 202 100
 101 13.5 0.0 33.2
 203 17.4 0.0 38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. 0.04 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion:240 Resp: 186099
 Ion Ratio Lower Upper
 240 100
 120 14.5 5.8 8.8#
 236 24.5 20.5 30.7

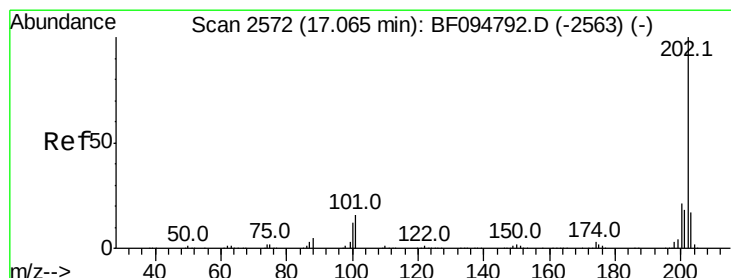
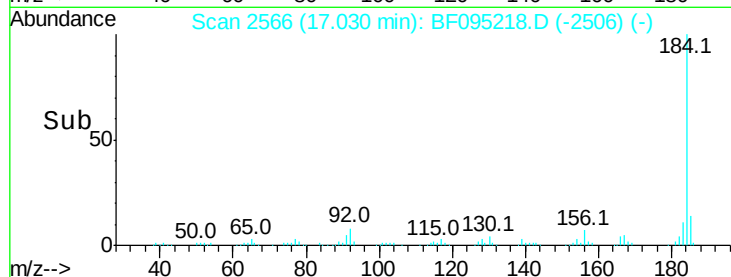
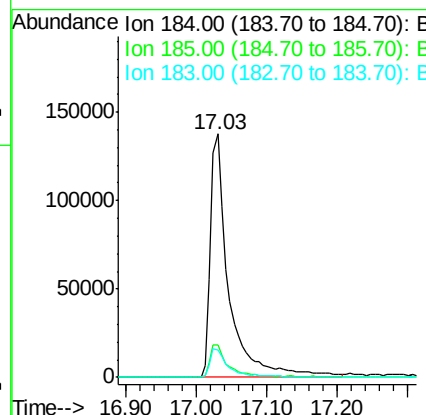
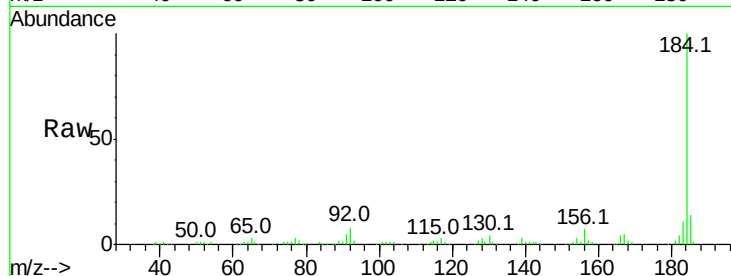




#76
Benzidine
Concen: 49.59 ng
RT: 17.03 min Scan# 2566
Delta R.T. 0.05 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

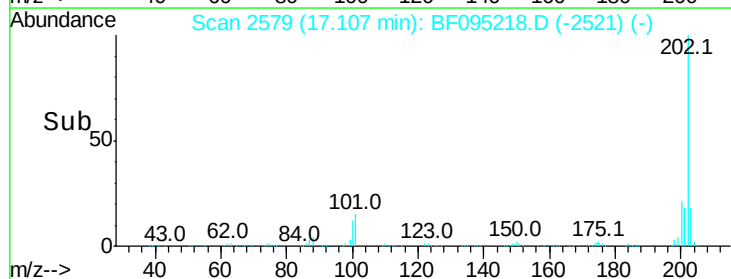
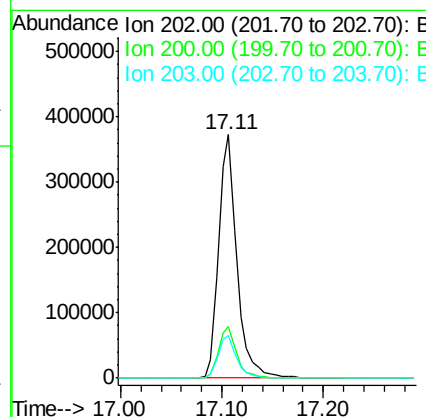
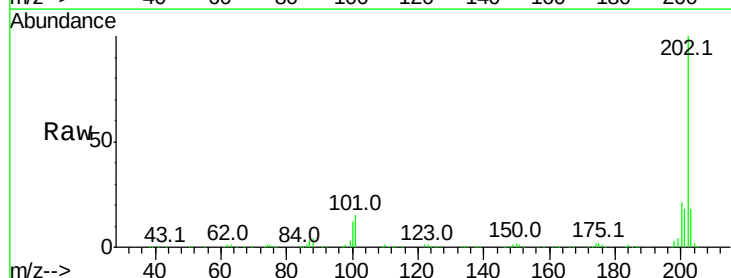
Instrument :
BNA_F
ClientSampleId :

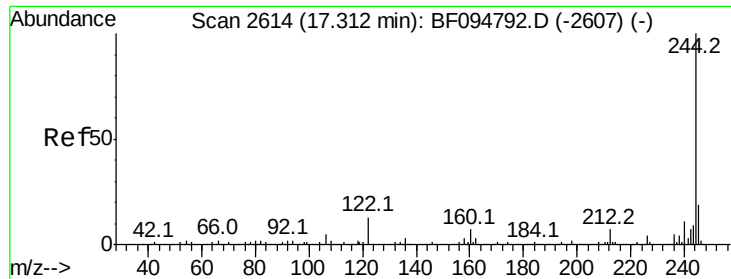
Tot Ion:184 Resp: 250866
Ion Ratio Lower Upper
184 100
185 13.5 15.5 23.3#
183 11.4 9.8 14.6



#77
Pyrene
Concen: 33.52 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.04 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion:202 Resp: 466515
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 17.6 14.4 21.6

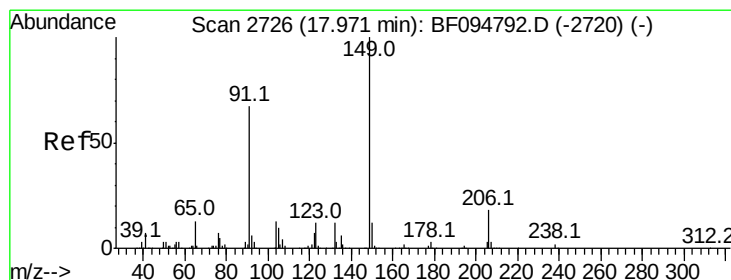
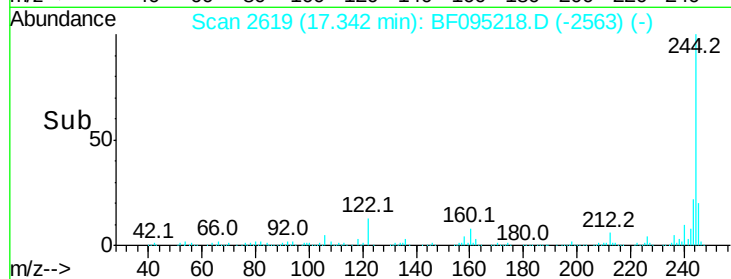
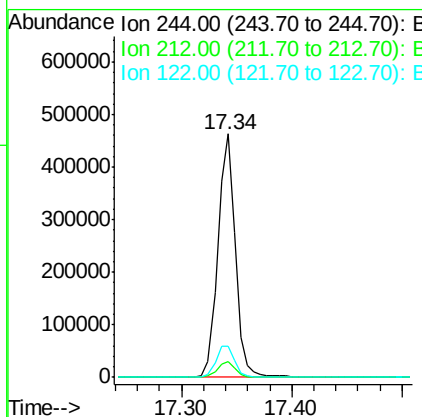
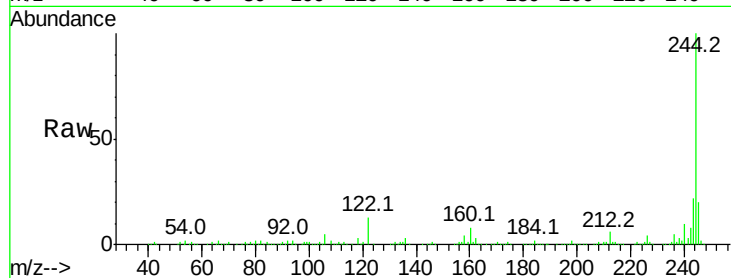




#78
 Terphenyl-d14
 Concen: 60.26 ng
 RT: 17.34 min Scan# 2619
 Delta R.T. 0.03 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

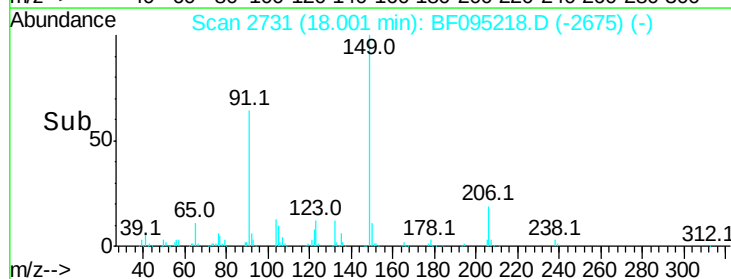
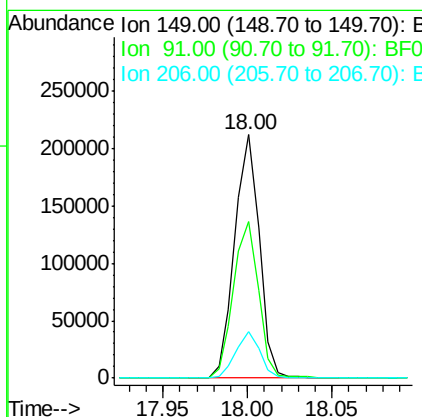
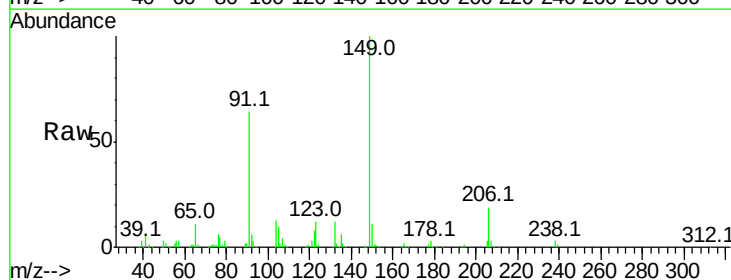
Instrument :
 BNA_F
 ClientSampleId :

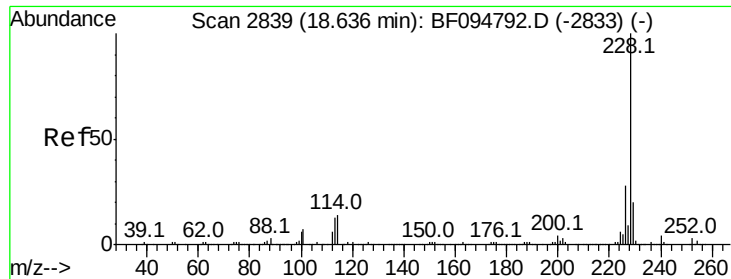
Tot Ion:244 Resp: 509183
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.0 9.0
 122 13.1 10.3 15.5



#79
 Butylbenzylphthalate
 Concen: 33.41 ng
 RT: 18.00 min Scan# 2731
 Delta R.T. 0.03 min
 Lab File: BF095218.D
 Acq: 18 May 2017 10:48

Tgt Ion:149 Resp: 216271
 Ion Ratio Lower Upper
 149 100
 91 64.5 45.0 67.4
 206 18.9 17.0 25.6

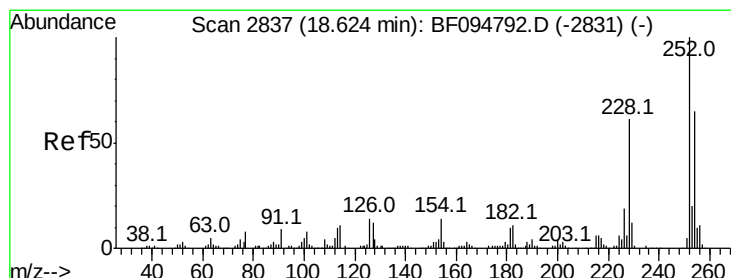
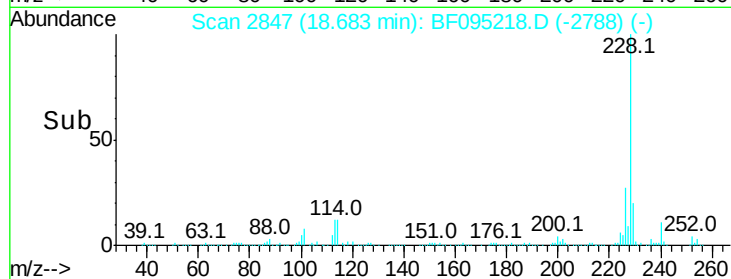
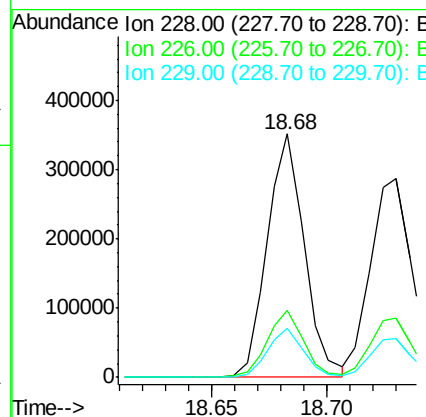
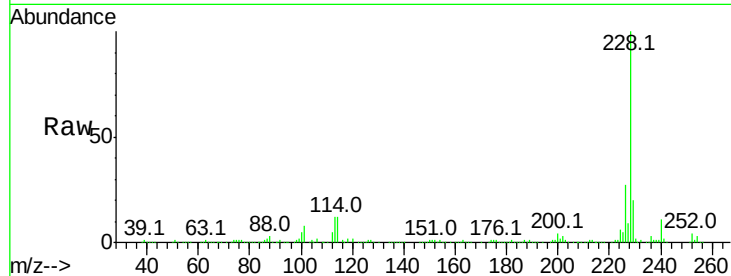




#80
Benzo(a)anthracene
Concen: 36.35 ng
RT: 18.68 min Scan# 2847
Delta R.T. 0.05 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

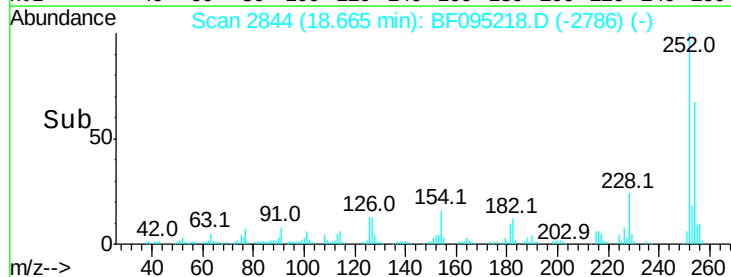
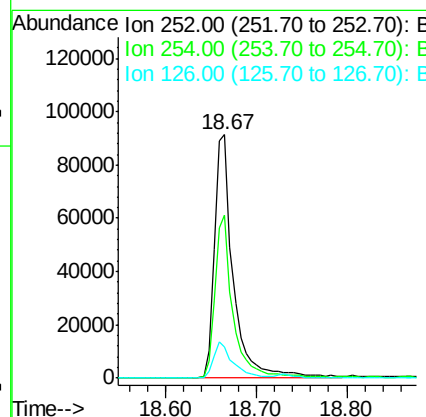
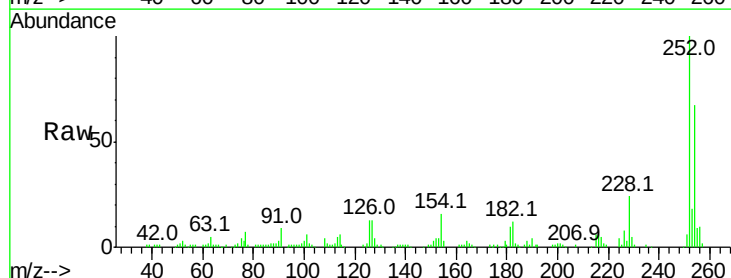
Instrument :
BNA_F
ClientSampled :

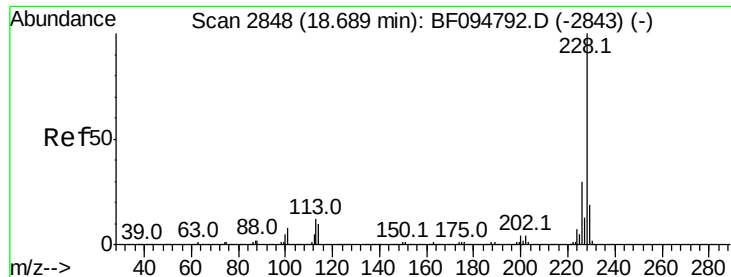
Tot Ion:228 Resp: 393735
Ion Ratio Lower Upper
228 100
226 27.4 22.6 33.8
229 20.0 16.3 24.5



#81
3,3'-Dichlorobenzidine
Concen: 35.91 ng
RT: 18.67 min Scan# 2844
Delta R.T. 0.04 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion:252 Resp: 134334
Ion Ratio Lower Upper
252 100
254 66.9 51.5 77.3
126 12.5 15.8 23.8#





#82

Chrysene

Concen: 35.93 ng

RT: 18.73 min Scan# 2855

Delta R.T. 0.04 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampleId :

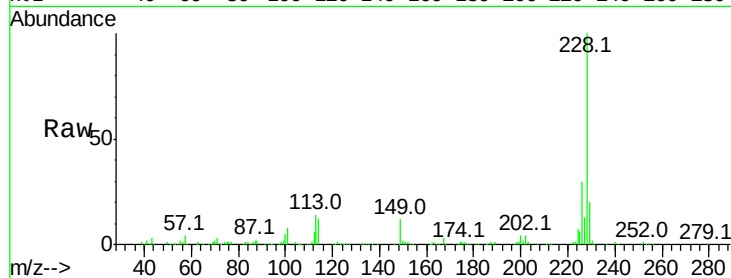
Tot Ion:228 Resp: 376256

Ion Ratio Lower Upper

228 100

226 30.1 24.9 37.3

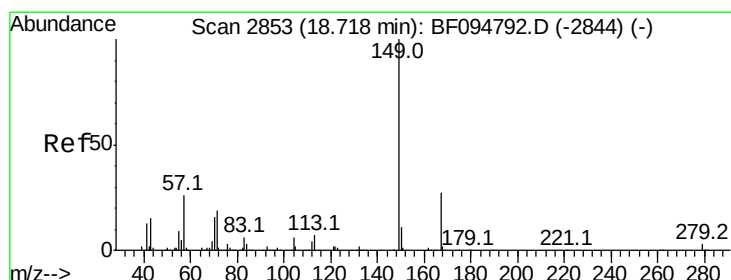
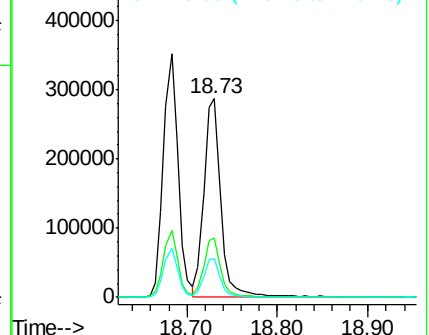
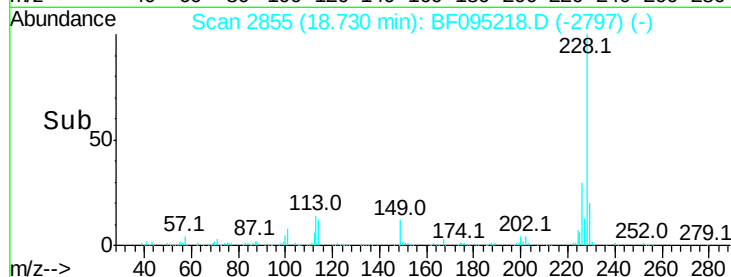
229 19.5 15.8 23.6



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: 33.52 ng

RT: 18.74 min Scan# 2857

Delta R.T. 0.02 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

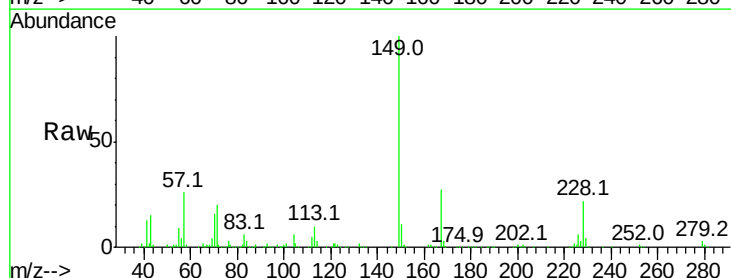
Tgt Ion:149 Resp: 309154

Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.4

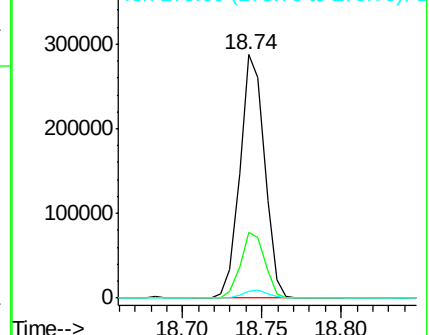
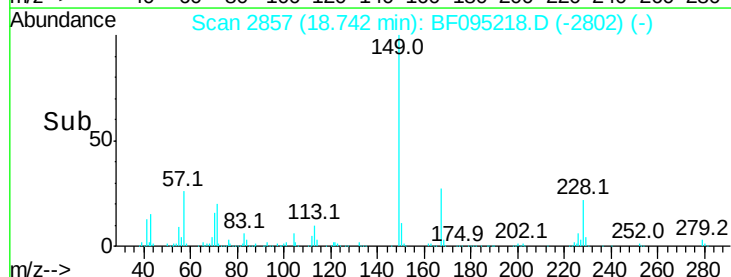
279 2.9 1.9 2.9#

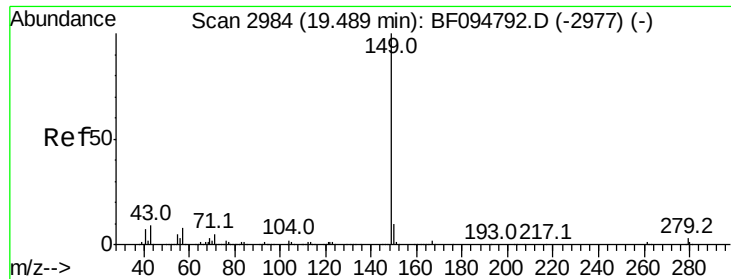


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Di-n-octyl phthalate

Concen: 35.31 ng

RT: 19.51 min Scan# 2988

Delta R.T. 0.02 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

Instrument :

BNA_F

ClientSampleId :

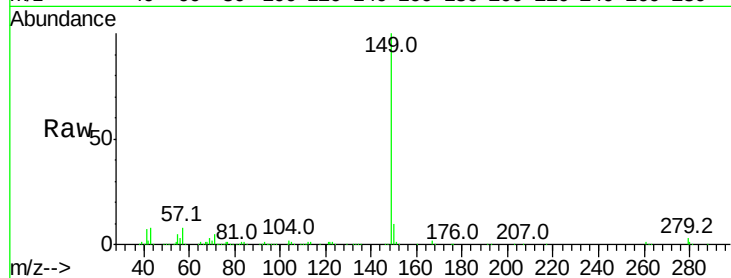
Tot Ion:149 Resp: 534027

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

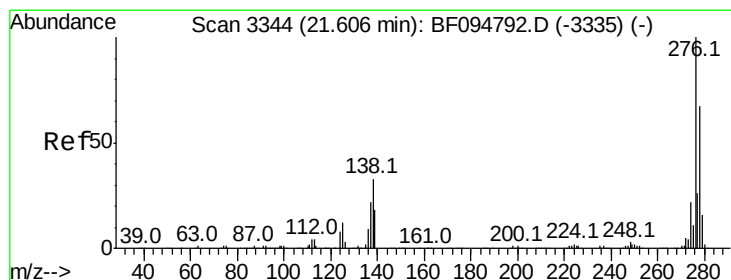
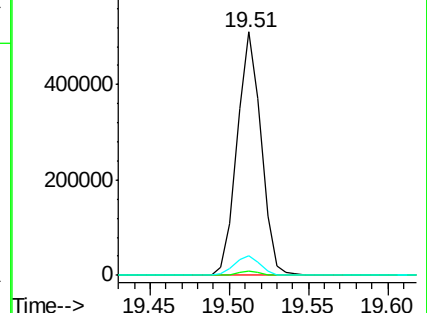
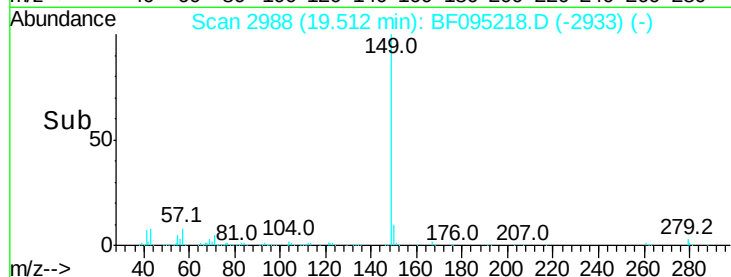
43 8.7 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#85

Indeno(1,2,3-cd)pyrene

Concen: 29.76 ng

RT: 21.70 min Scan# 3360

Delta R.T. 0.09 min

Lab File: BF095218.D

Acq: 18 May 2017 10:48

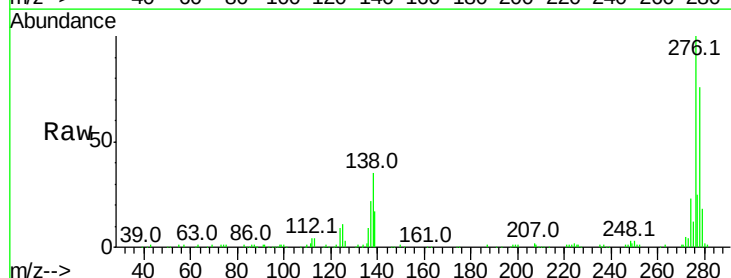
Tgt Ion:276 Resp: 253112

Ion Ratio Lower Upper

276 100

138 35.2 27.8 41.6

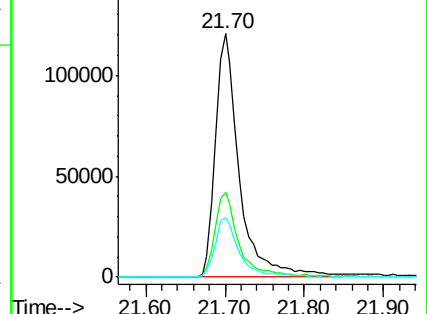
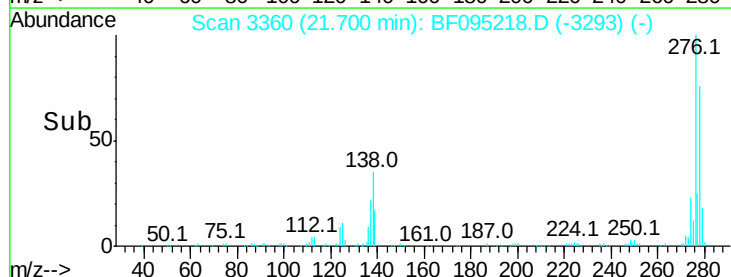
277 24.8 20.2 30.4

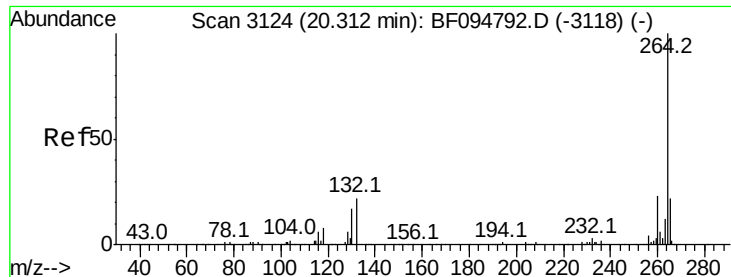


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

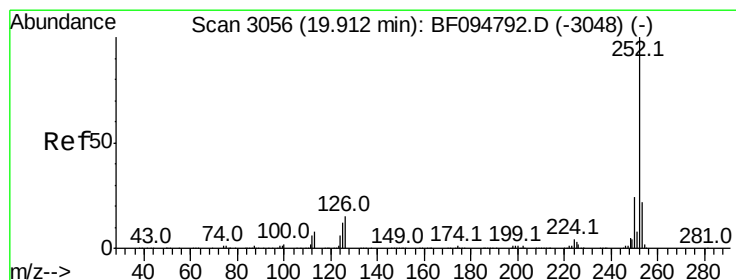
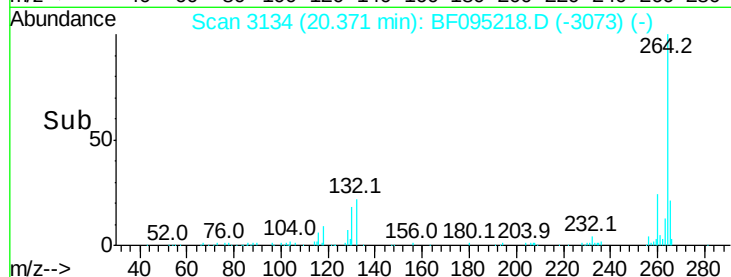
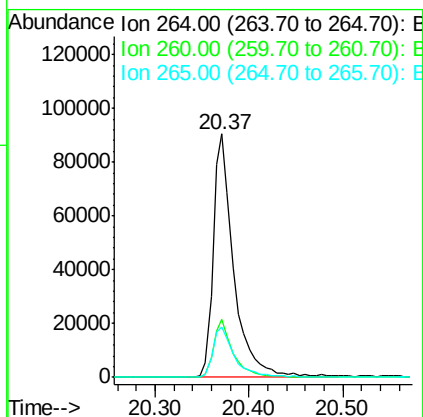
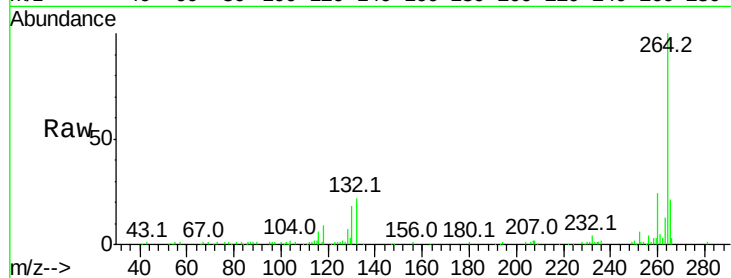




#86
Pervlene-d12
Concen: 20.00 ng
RT: 20.37 min Scan# 3134
Delta R.T. 0.06 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

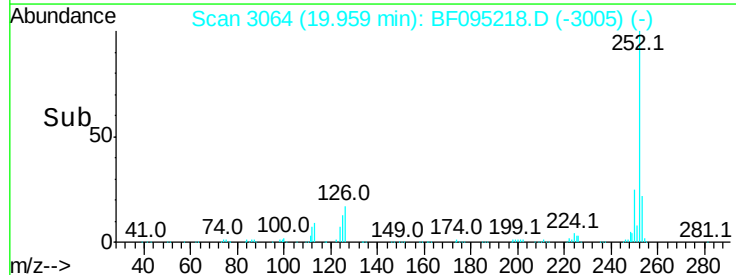
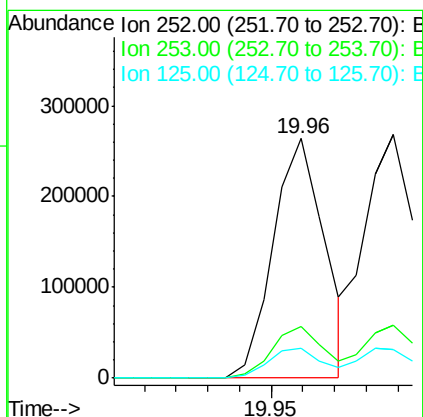
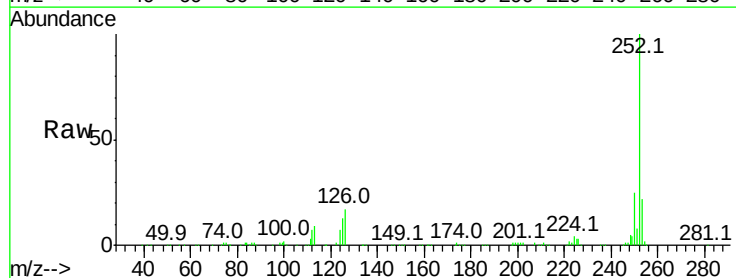
Instrument :
BNA_F
ClientSampleId :

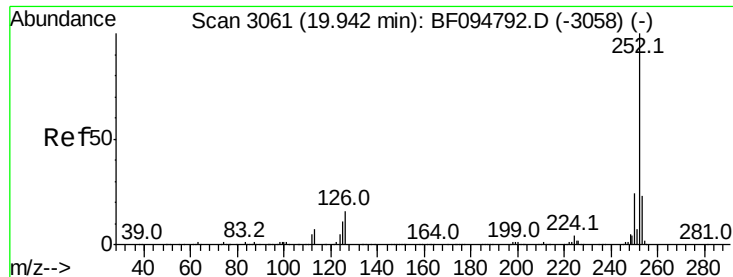
Tot Ion:264 Resp: 139068
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 20.6 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 34.73 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.05 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion:252 Resp: 298427
Ion Ratio Lower Upper
252 100
253 21.6 18.1 27.1
125 12.6 9.8 14.8

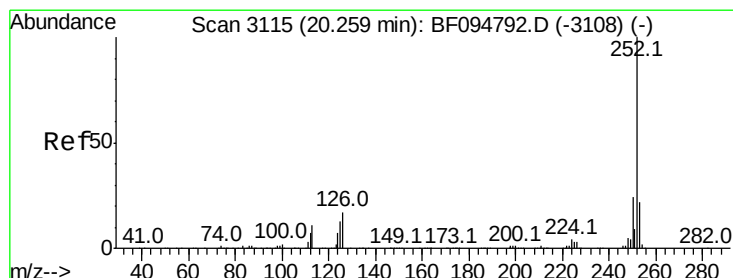
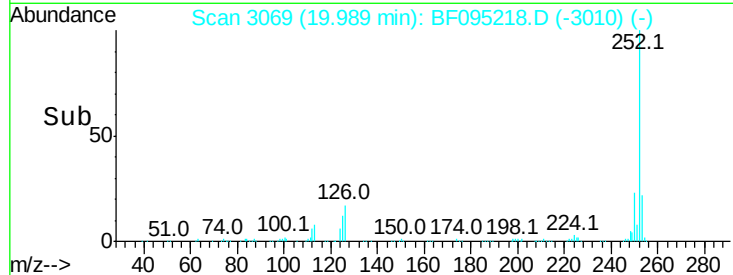
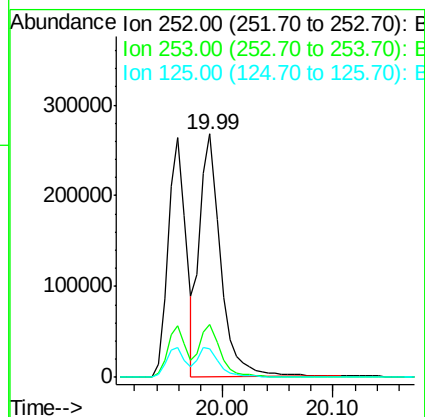
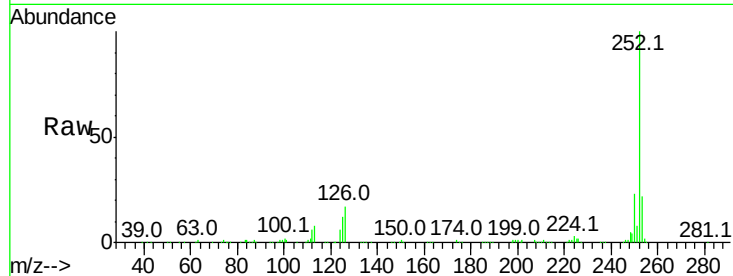




#88
Benzo(k)fluoranthene
Concen: 42.09 ng
RT: 19.99 min Scan# 3069
Delta R.T. 0.05 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

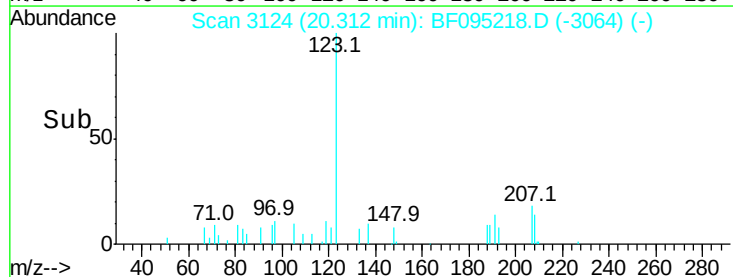
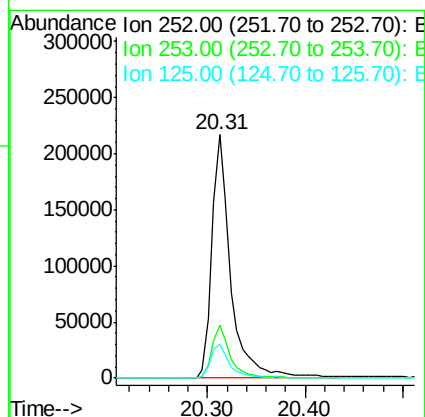
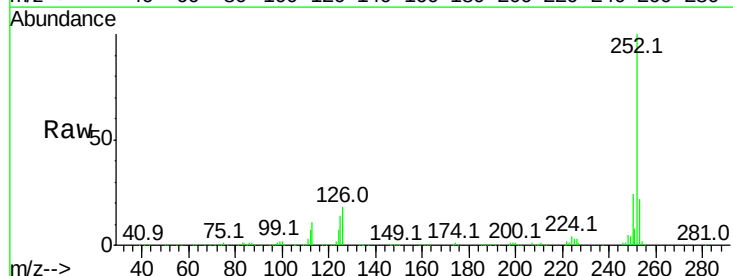
Instrument :
BNA_F
ClientSampleId :

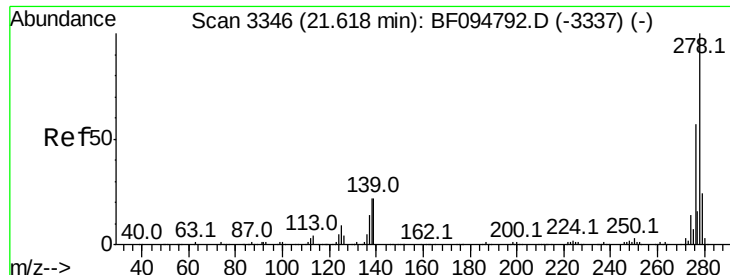
Tot Ion:252 Resp: 348902
Ion Ratio Lower Upper
252 100
253 21.6 18.4 27.6
125 11.8 13.1 19.7#



#89
Benzo(a)pyrene
Concen: 36.34 ng
RT: 20.31 min Scan# 3124
Delta R.T. 0.05 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion:252 Resp: 288144
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 14.0 11.0 16.4



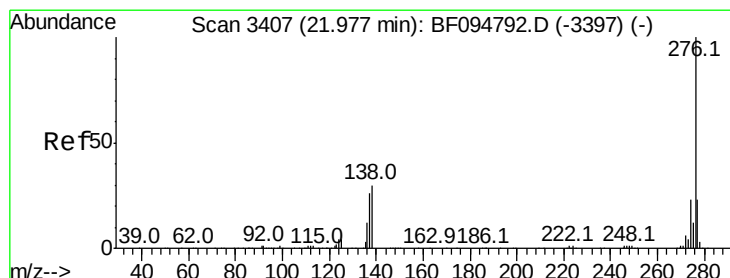
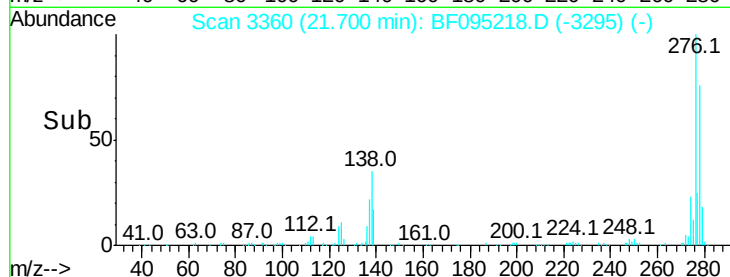
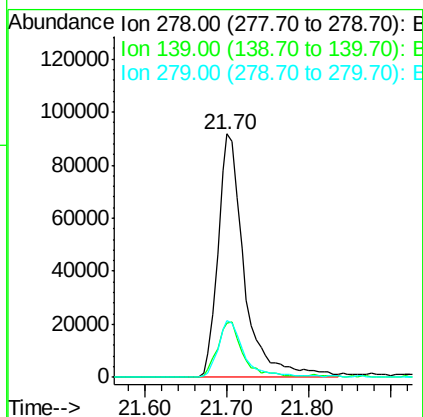
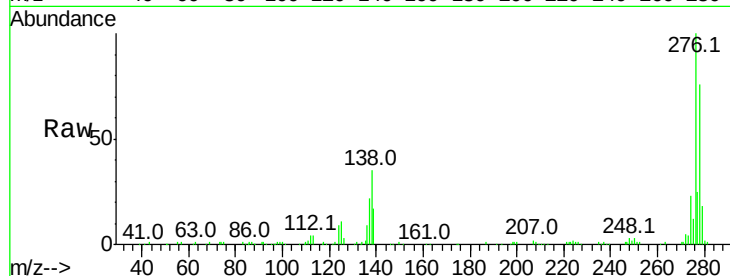


#90
Dibenzo(a,h)anthracene
Concen: 31.54 ng
RT: 21.70 min Scan# 3360
Delta R.T. 0.08 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 206548

Ion	Ratio	Lower	Upper
278	100		
139	22.4	16.6	24.8
279	23.6	19.3	28.9



#91
Benzo(g,h,i)perylene
Concen: 32.68 ng
RT: 22.09 min Scan# 3426
Delta R.T. 0.11 min
Lab File: BF095218.D
Acq: 18 May 2017 10:48

Tgt Ion:276 Resp: 210031

Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.6	28.0
138	31.6	25.4	38.0

