

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF095004.D
 Acq On : 9 May 2017 4:06
 Operator : SJ/MA
 Sample : I2976-07MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 07:05:46 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	7.72	152	94370	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	388547	20.00	ng	-0.02
38) Acenaphthene-d10	12.57	164	166613	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	272237	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	194852	20.00	ng	-0.02
86) Perylene-d12	20.30	264	146245	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	834913	147.50	ng	0.00
7) Phenol-d6	7.27	99	1023890	150.76	ng	0.00
23) Nitrobenzene-d5	8.62	82	602843	97.84	ng	-0.02
41) 2,4,6-Tribromophenol	13.87	330	200061	146.62	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	1130492	97.66	ng	-0.02
78) Terphenyl-d14	17.29	244	801011	90.54	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.12	88	100986	36.38	ng	95
3) Pyridine	2.80	79	220657	34.30	ng	98
4) n-Nitrosodimethylamine	2.72	42	111886	41.72	ng	84
6) Aniline	7.23	93	119718	13.96	ng	93
8) 2-Chlorophenol	7.41	128	314997	48.89	ng	94
9) Benzaldehyde	7.04	77	47892	11.55	ng	99
10) Phenol	7.29	94	338991	47.37	ng	91
11) bis(2-Chloroethyl)ether	7.35	93	272101	46.05	ng	96
12) 1,3-Dichlorobenzene	7.62	146	329676	45.11	ng	98
13) 1,4-Dichlorobenzene	7.74	146	334600	45.15	ng	96
14) 1,2-Dichlorobenzene	7.98	146	301159	43.53	ng	96
15) Benzyl Alcohol	8.00	79	234258	53.63	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	379223	45.35	ng	96
17) 2-Methylphenol	8.23	107	248707	47.17	ng	94
18) Hexachloroethane	8.50	117	101066	40.25	ng	# 86
19) n-Nitroso-di-n-propylamine	8.43	70	217933	47.45	ng	93
20) 3+4-Methylphenols	8.48	107	93149	13.00	ng	# 57
22) Acetophenone	8.39	105	438204	47.01	ng	# 84
24) Nitrobenzene	8.65	77	296986	45.98	ng	93
25) Isophorone	9.05	82	522258	47.47	ng	95
26) 2-Nitrophenol	9.15	139	155858	44.72	ng	96
27) 2,4-Dimethylphenol	9.30	122	253184	44.93	ng	97
28) bis(2-Chloroethoxy)methane	9.41	93	350838	46.09	ng	98
29) 2,4-Dichlorophenol	9.58	162	262892	49.41	ng	98
30) 1,2,4-Trichlorobenzene	9.66	180	252524	44.30	ng	99
31) Naphthalene	9.77	128	855274	43.80	ng	99
32) Benzoic acid	9.60	122	135611	37.86	ng	95
33) 4-Chloroaniline	9.95	127	96982	13.33	ng	# 92
34) Hexachlorobutadiene	9.99	225	118011	39.24	ng	98
35) Caprolactam	10.54	113	44597	27.92	ng	# 85
36) 4-Chloro-3-methylphenol	10.77	107	243934	42.88	ng	89
37) 2-Methylnaphthalene	10.90	142	550568	42.96	ng	99
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	224878	43.89	ng	99
40) Hexachlorocyclopentadiene	11.15	237	79295	40.08	ng	97

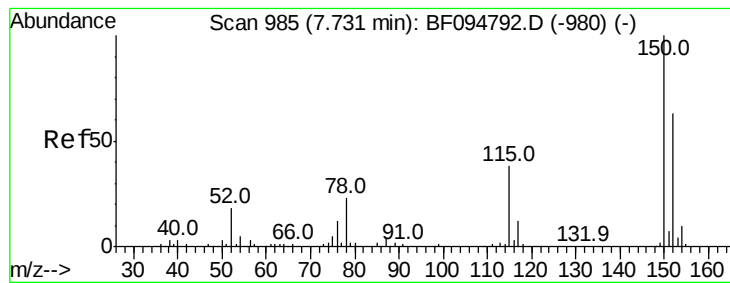
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	161168	47.11	nq	98
43) 2,4,5-Trichlorophenol	11.49	196	155927	42.41	nq	94
45) 1,1'-Biphenyl	11.67	154	651282	46.43	nq	98
46) 2-Chloronaphthalene	11.68	162	507411	44.80	nq	94
47) 2-Nitroaniline	11.89	65	147700	47.64	nq	# 85
48) Acenaphthylene	12.34	152	829374	46.75	nq	99
49) Dimethylphthalate	12.21	163	759633	55.54	nq	99
50) 2,6-Dinitrotoluene	12.30	165	131131	46.99	nq	96
51) Acenaphthene	12.62	154	486673	45.93	nq	98
52) 3-Nitroaniline	12.57	138	75035	25.05	nq	91
53) 2,4-Dinitrophenol	12.78	184	46748	34.29	nq	# 66
54) Dibenzofuran	12.91	168	724129	49.38	nq	98
55) 4-Nitrophenol	12.95	139	176535	98.14	nq	# 72
56) 2,4-Dinitrotoluene	12.97	165	172093	47.99	nq	# 90
57) Fluorene	13.46	166	556163	43.62	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	121599	52.55	nq	# 94
59) Diethylphthalate	13.36	149	556709	42.46	nq	99
60) 4-Chlorophenyl-phenylether	13.49	204	248781	44.39	nq	88
61) 4-Nitroaniline	13.57	138	111252	40.46	nq	95
62) Azobenzene	13.74	77	522617	49.61	nq	94
64) 4,6-Dinitro-2-methylphenol	13.63	198	37724	20.67	nq	# 69
65) n-Nitrosodiphenylamine	13.69	169	467515	47.32	nq	98
66) 4-Bromophenyl-phenylether	14.27	248	132498	46.07	nq	98
67) Hexachlorobenzene	14.35	284	132435	44.93	nq	# 85
68) Atrazine	14.61	200	134332	48.15	nq	94
69) Pentachlorophenol	14.71	266	113846	85.02	nq	98
70) Phenanthrene	15.01	178	736702	47.10	nq	99
71) Anthracene	15.09	178	755521	47.29	nq	98
72) Carbazole	15.37	167	609730	41.94	nq	97
73) Di-n-butylphthalate	15.94	149	821621	45.32	nq	99
74) Fluoranthene	16.75	202	683839	42.62	nq	98
76) Benzidine	16.99	184	8373	7.96	nq	# 88
77) Pyrene	17.05	202	689320	47.30	nq	99
79) Butylbenzylphthalate	17.95	149	313531	46.26	nq	# 86
80) Benzo(a)anthracene	18.62	228	535310	47.20	nq	98
81) 3,3'-Dichlorobenzidine	18.61	252	117927	30.11	nq	# 96
82) Chrysene	18.67	228	504798	46.04	nq	99
83) Bis(2-ethylhexyl)phthalate	18.69	149	469372	48.60	nq	# 100
84) Di-n-octyl phthalate	19.47	149	667910	42.18	nq	95
85) Indeno(1,2,3-cd)pyrene	21.59	276	373506	41.94	nq	99
87) Benzo(b)fluoranthene	19.89	252	418851	46.35	nq	98
88) Benzo(k)fluoranthene	19.89	252	418851	48.05	nq	96
89) Benzo(a)pyrene	20.25	252	385673	46.25	nq	99
90) Dibenzo(a,h)anthracene	21.60	278	318642	46.27	nq	97
91) Benzo(g,h,i)perylene	21.96	276	322827	47.77	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.72 min Scan# 983

Delta R.T. -0.01 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

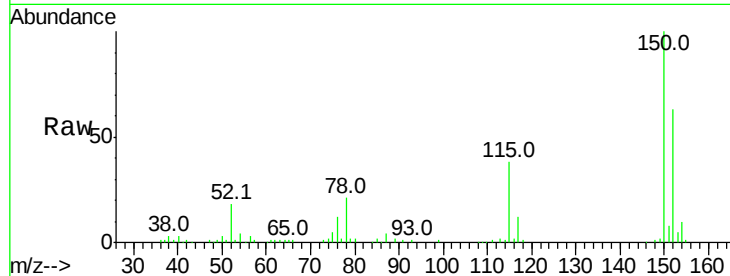
Tot Ion:152 Resp: 94370

Ion Ratio Lower Upper

152 100

150 159.8 126.2 189.2

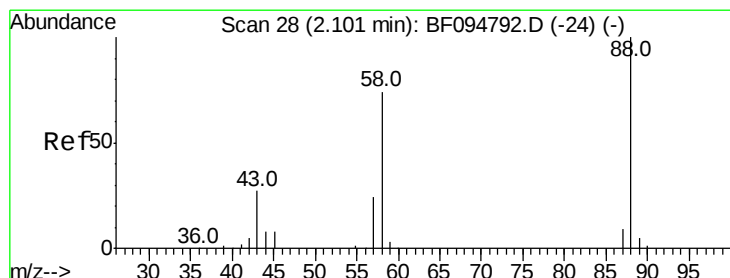
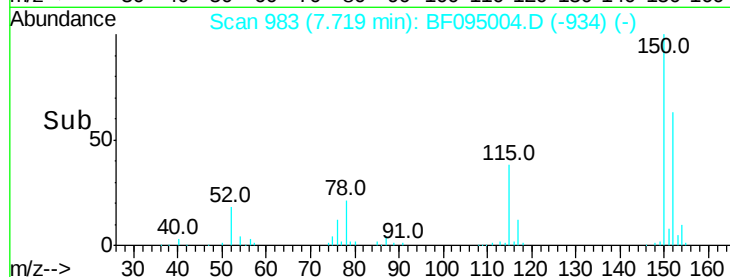
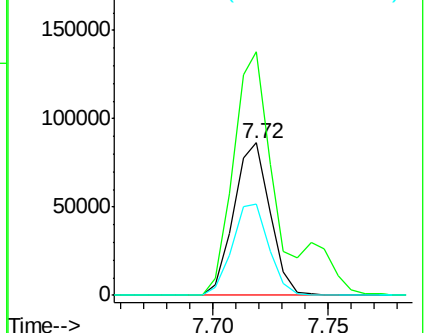
115 60.3 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 36.38 ng

RT: 2.12 min Scan# 31

Delta R.T. 0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

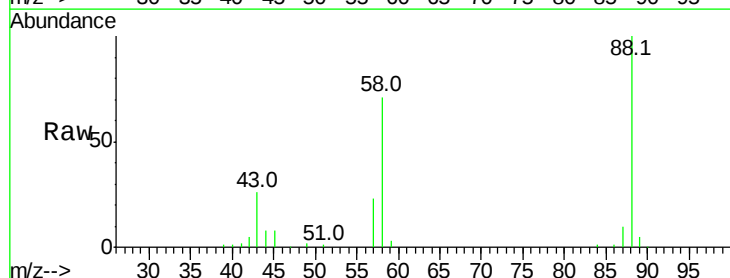
Tgt Ion: 88 Resp: 100986

Ion Ratio Lower Upper

88 100

58 72.6 61.4 92.0

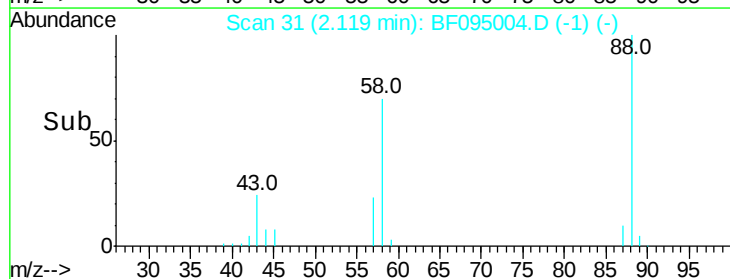
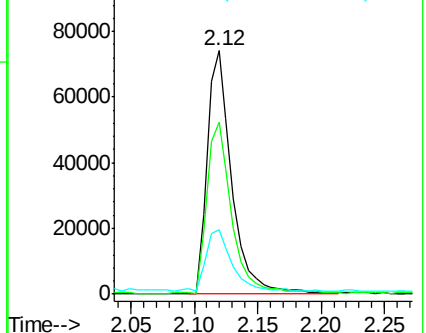
43 27.1 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0

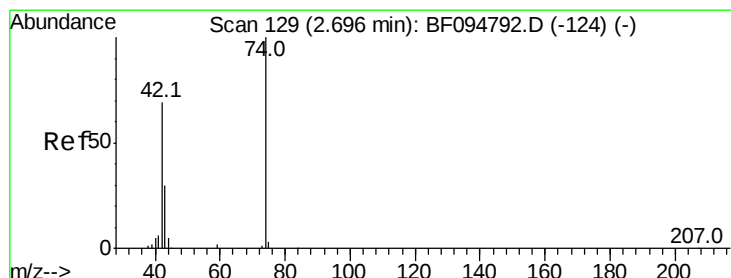
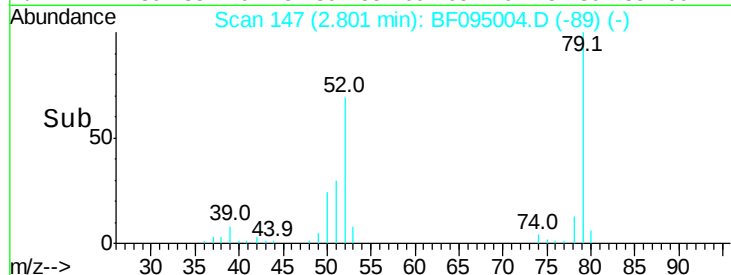
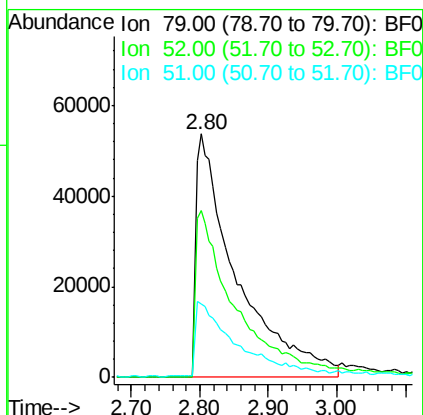
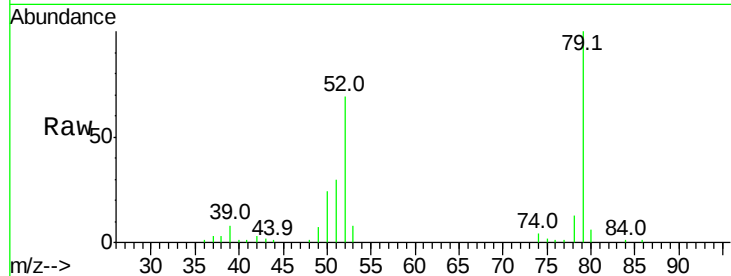




#3
 Pvridine
 Concen: 34.30 ng
 RT: 2.80 min Scan# 147
 Delta R.T. 0.04 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

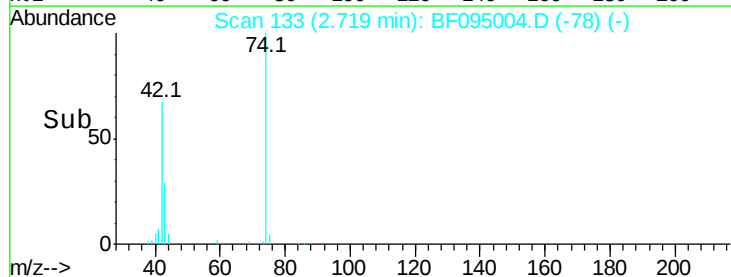
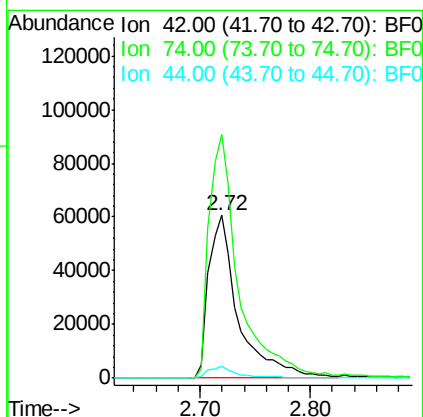
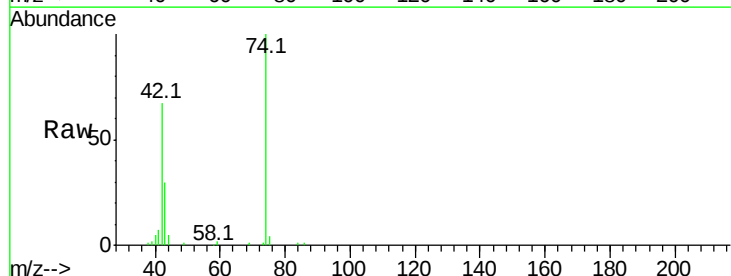
Instrument :
 BNA_F
 ClientSampled :

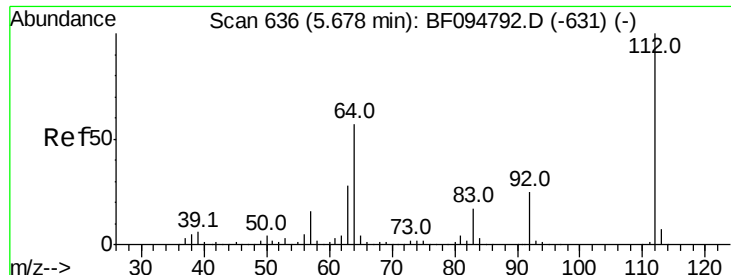
Tot Ion: 79 Resp: 220657
 Ion Ratio Lower Upper
 79 100
 52 68.5 54.8 82.2
 51 30.3 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 41.72 ng
 RT: 2.72 min Scan# 133
 Delta R.T. 0.02 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Tgt Ion: 42 Resp: 111886
 Ion Ratio Lower Upper
 42 100
 74 149.5 103.9 155.9
 44 7.2 5.7 8.5





#5

2-Fluorophenol

Concen: 147.50 ng

RT: 5.67 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

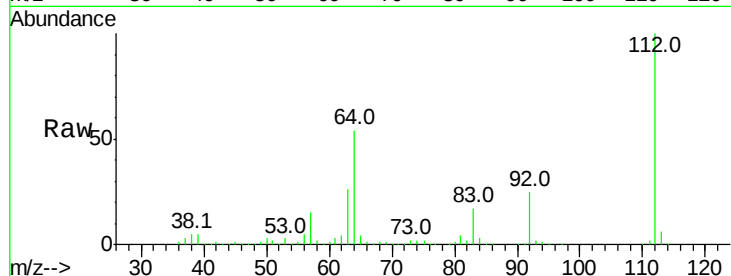
Tot Ion:112 Resp: 834913

Ion Ratio Lower Upper

112 100

64 53.7 46.0 69.0

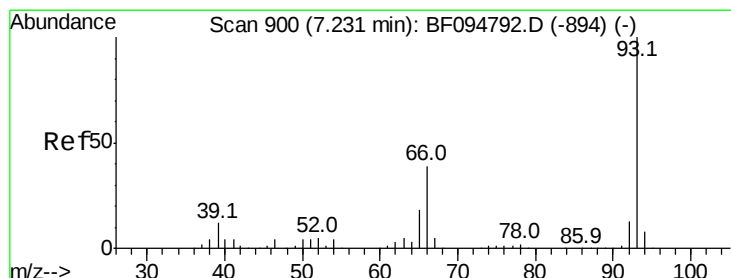
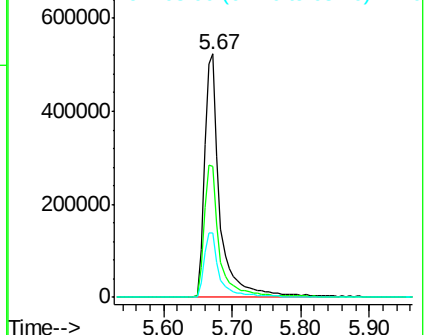
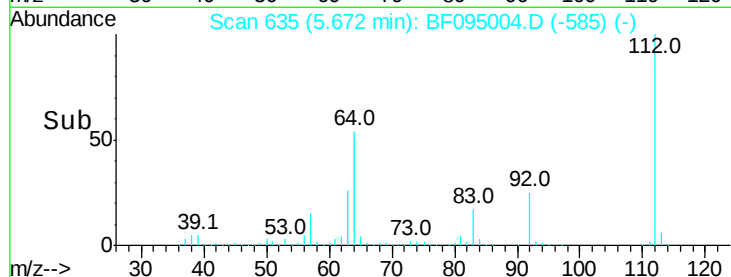
63 26.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 13.96 ng

RT: 7.23 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

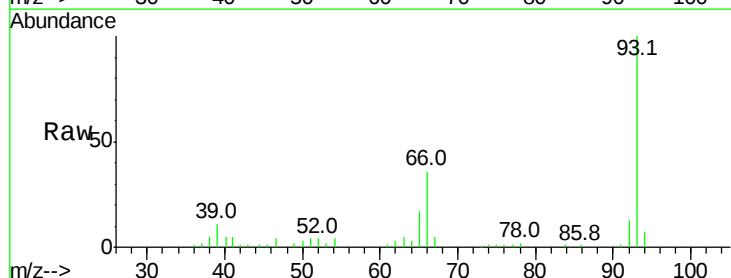
Tgt Ion: 93 Resp: 119718

Ion Ratio Lower Upper

93 100

66 36.4 32.9 49.3

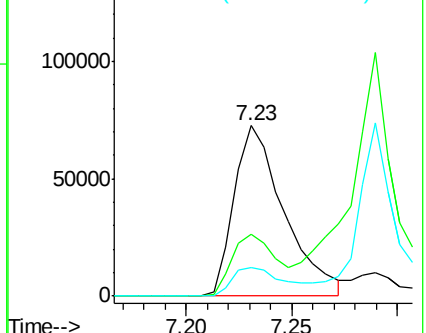
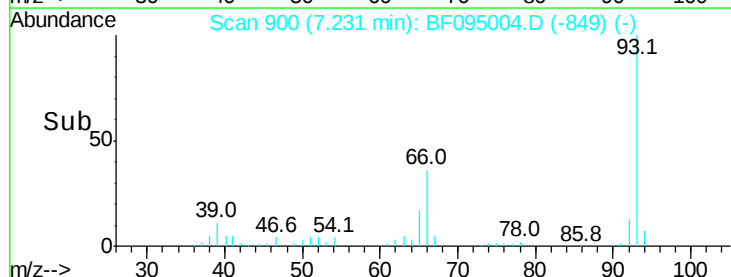
65 16.6 16.0 24.0

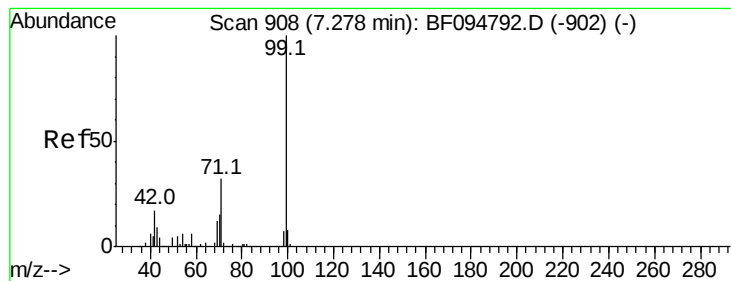


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 150.76 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

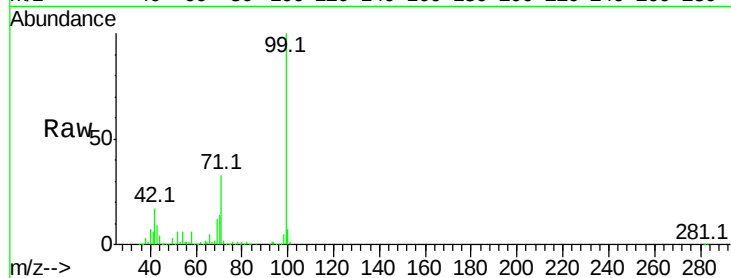
Tot Ion: 99 Resp: 1023890

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

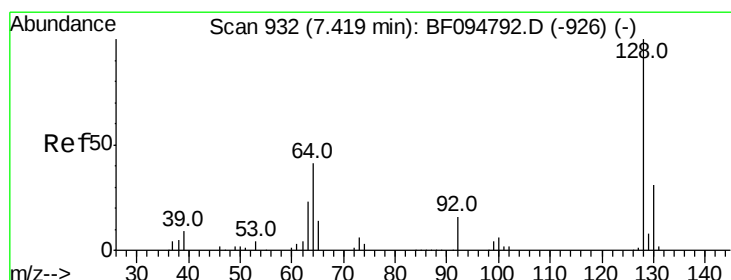
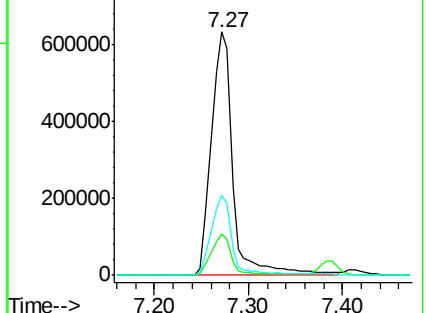
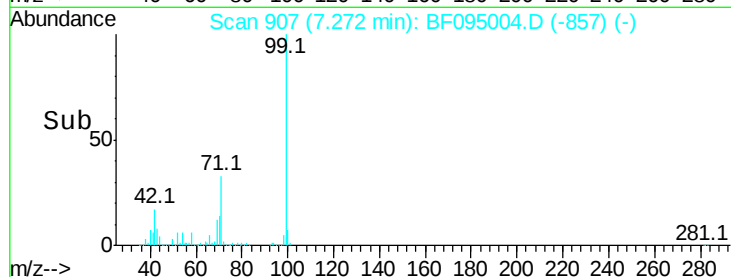
71 32.7 24.5 36.7



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: 48.89 ng

RT: 7.41 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

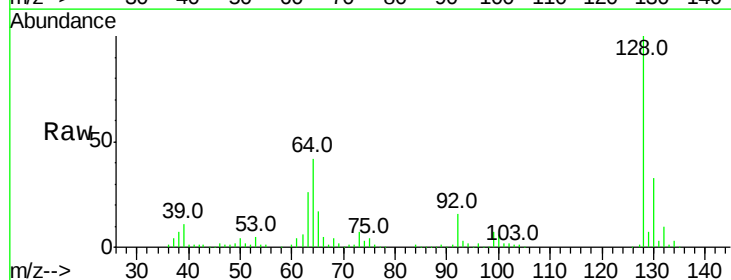
Tgt Ion: 128 Resp: 314997

Ion Ratio Lower Upper

128 100

130 32.6 12.9 52.9

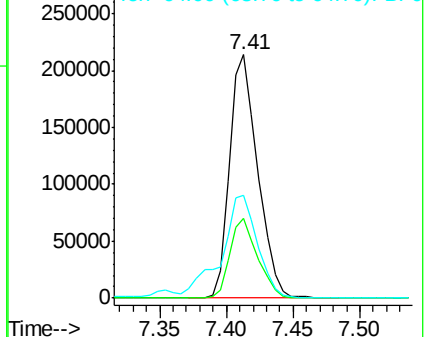
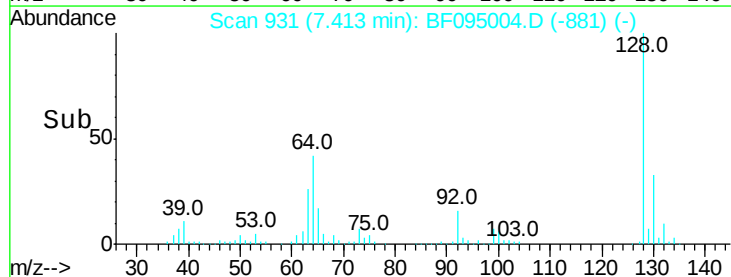
64 42.4 28.4 68.4

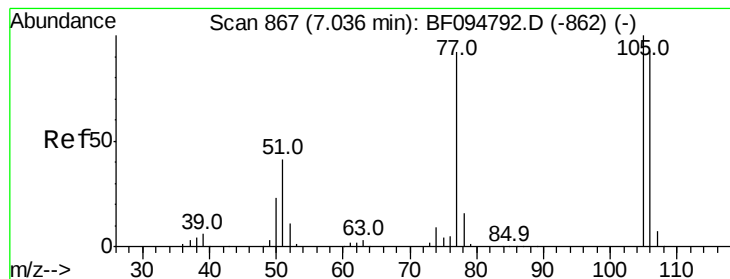


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 11.55 ng

RT: 7.04 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

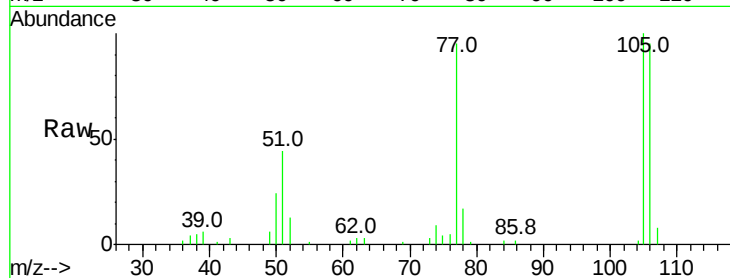
Tot Ion: 77 Resp: 47892

Ion Ratio Lower Upper

77 100

105 104.7 83.8 123.8

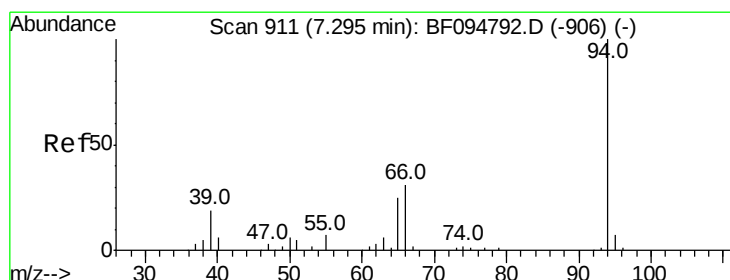
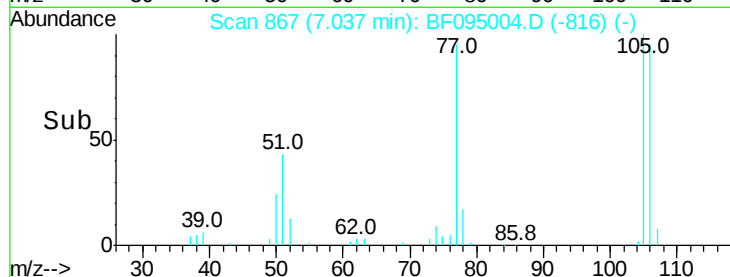
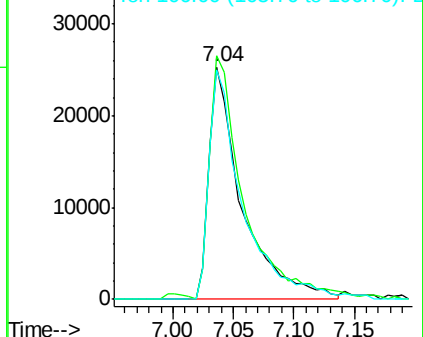
106 99.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 47.37 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

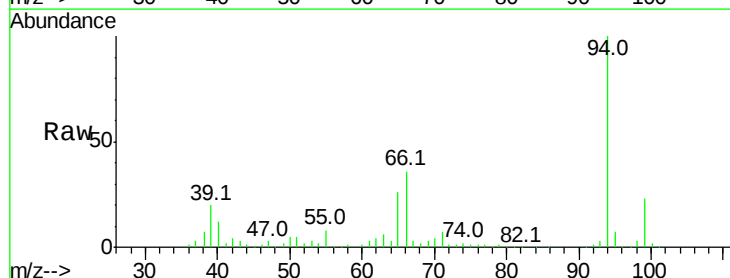
Tgt Ion: 94 Resp: 338991

Ion Ratio Lower Upper

94 100

65 26.0 9.9 49.9

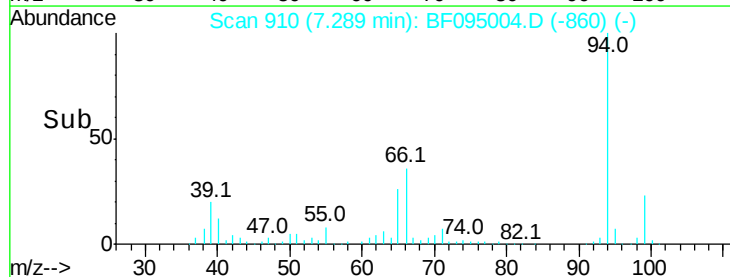
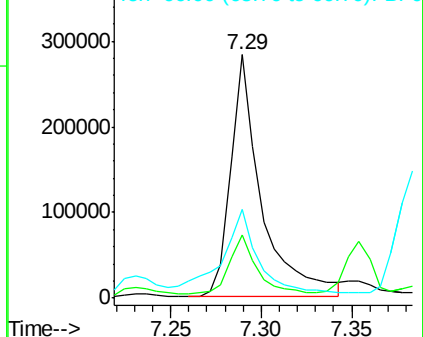
66 36.5 23.1 63.1



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: 46.05 ng

RT: 7.35 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

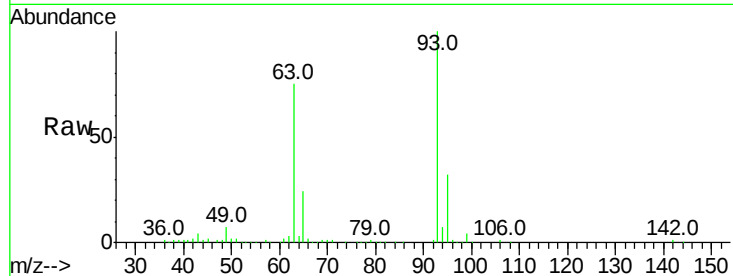
Tot Ion: 93 Resp: 272101

Ion Ratio Lower Upper

93 100

63 75.0 59.2 99.2

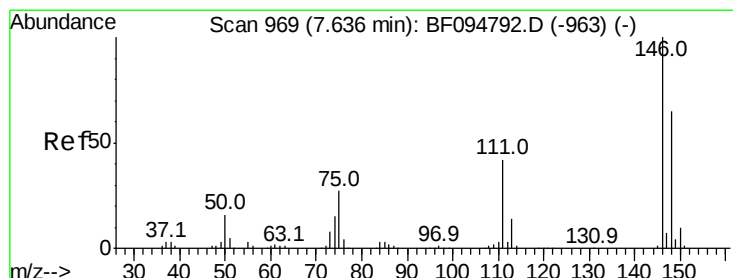
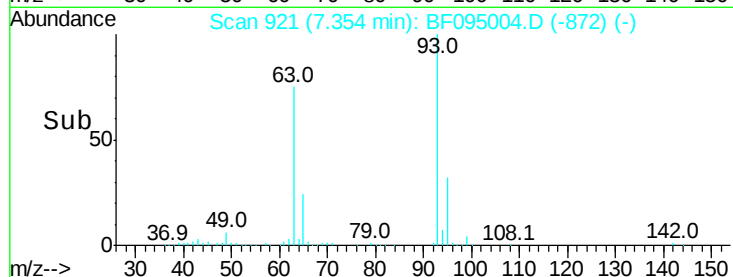
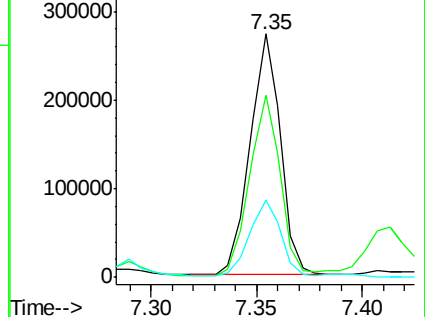
95 31.7 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 45.11 ng

RT: 7.62 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

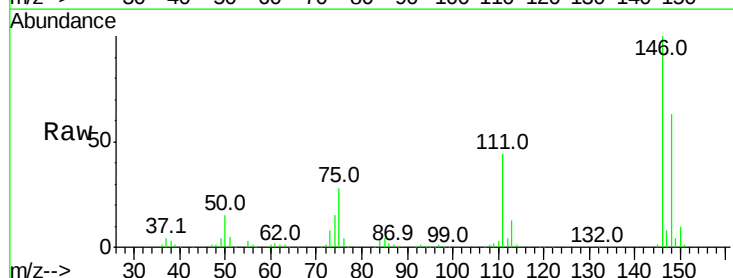
Tgt Ion: 146 Resp: 329676

Ion Ratio Lower Upper

146 100

148 62.6 51.8 77.6

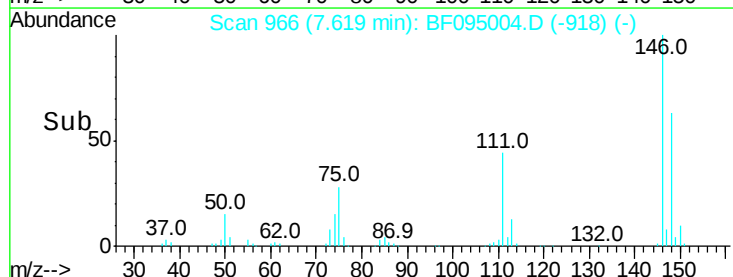
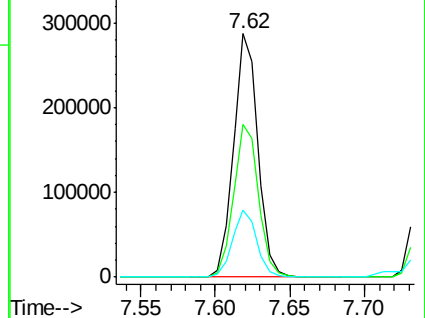
75 27.8 23.1 34.7

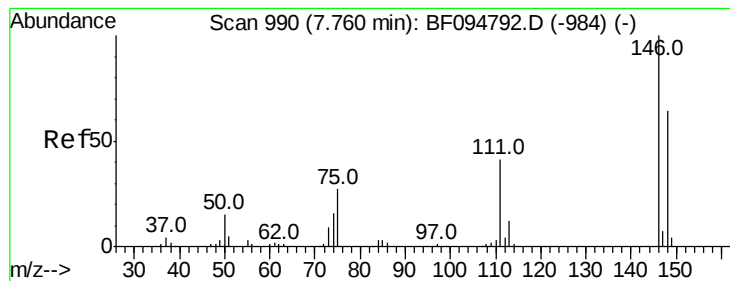


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0





#13

1,4-Dichlorobenzene

Concen: 45.15 ng

RT: 7.74 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

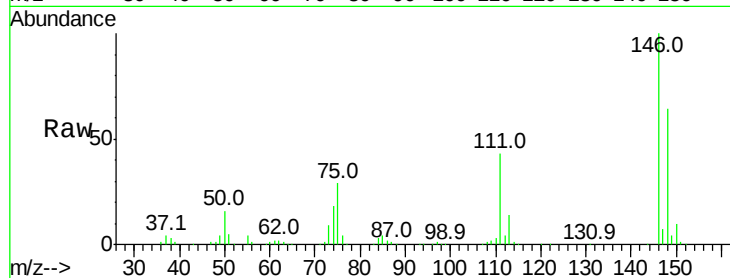
Tot Ion:146 Resp: 334600

Ion Ratio Lower Upper

146 100

148 64.2 52.2 78.2

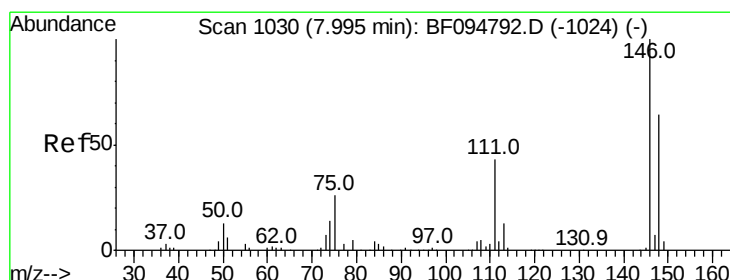
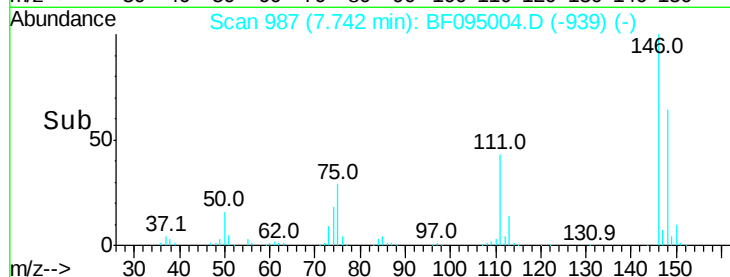
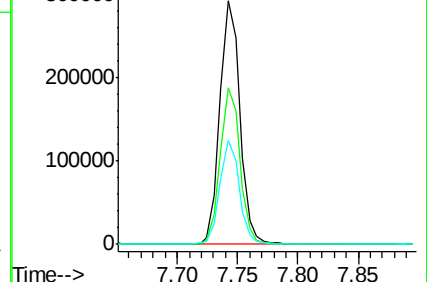
111 42.7 30.3 45.5



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: 43.53 ng

RT: 7.98 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

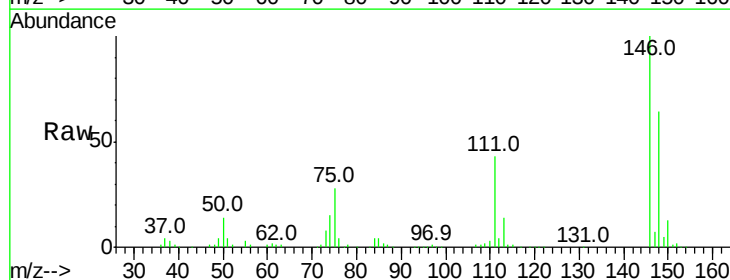
Tgt Ion:146 Resp: 301159

Ion Ratio Lower Upper

146 100

148 64.2 50.4 75.6

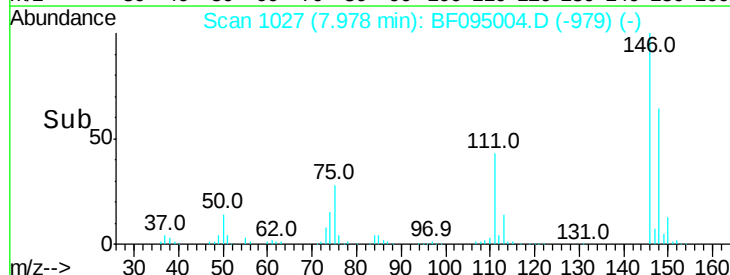
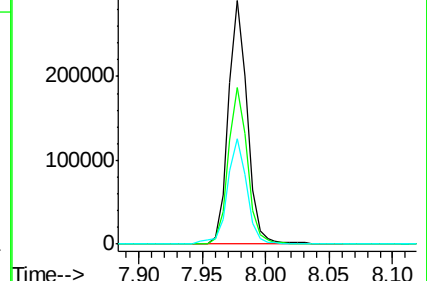
111 43.1 38.2 57.4

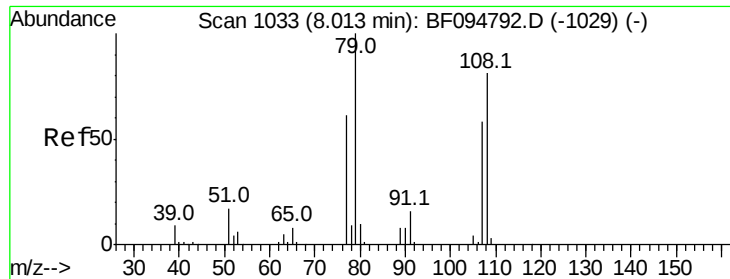


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

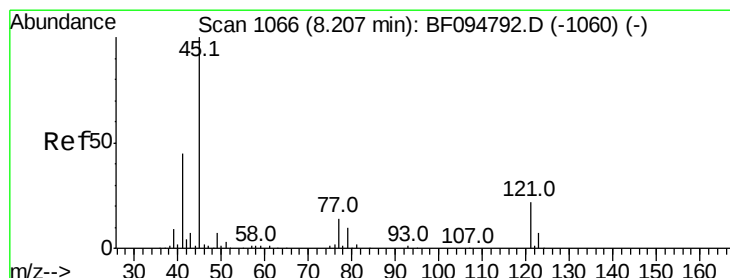
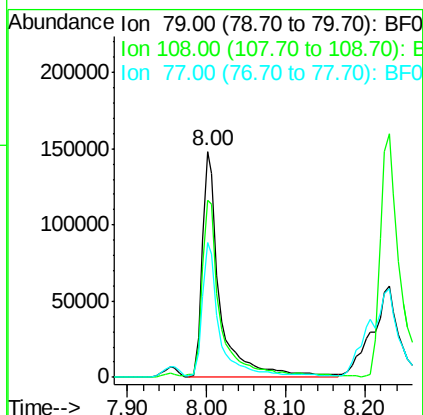
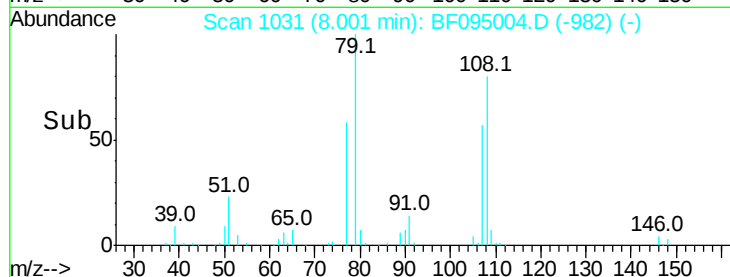
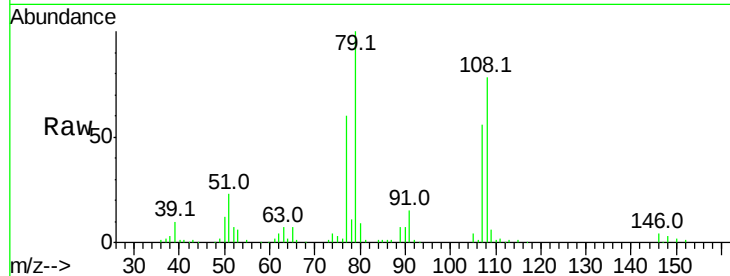




#15
Benzyl Alcohol
Concen: 53.63 ng
RT: 8.00 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

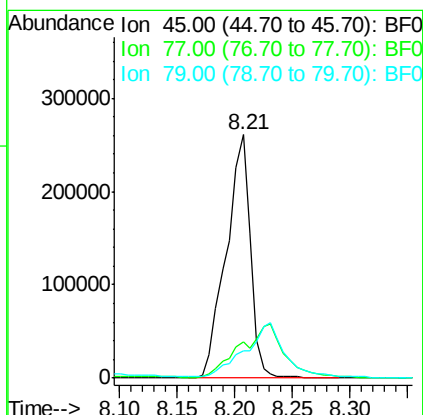
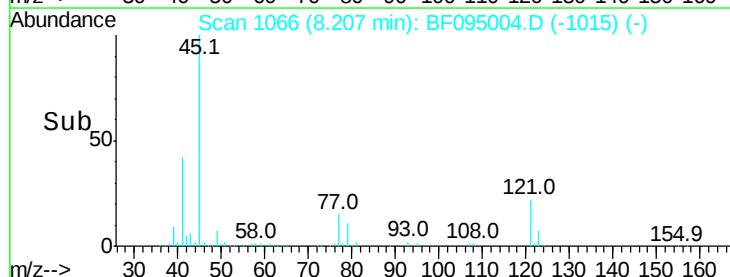
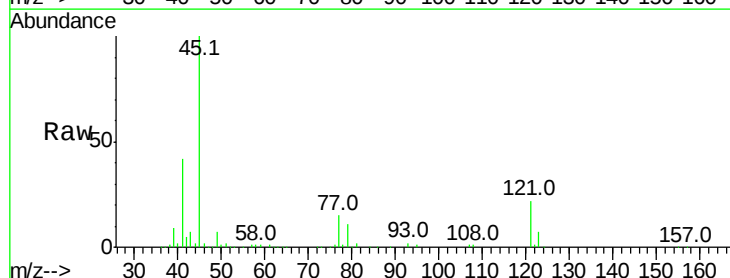
Instrument :
BNA_F
ClientSampled :

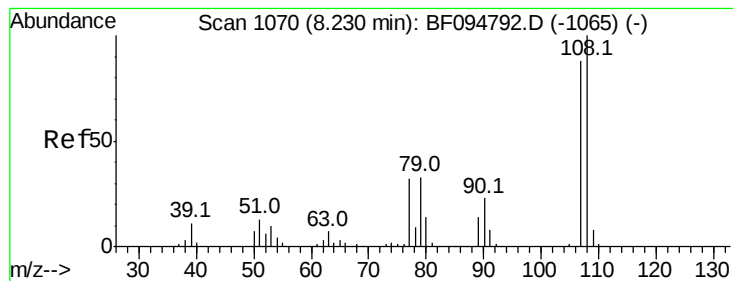
Tot Ion: 79 Resp: 234258
Ion Ratio Lower Upper
79 100
108 78.5 63.4 95.0
77 59.6 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 45.35 ng
RT: 8.21 min Scan# 1066
Delta R.T. 0.00 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 45 Resp: 379223
Ion Ratio Lower Upper
45 100
77 14.7 0.0 33.2
79 11.4 0.0 30.0

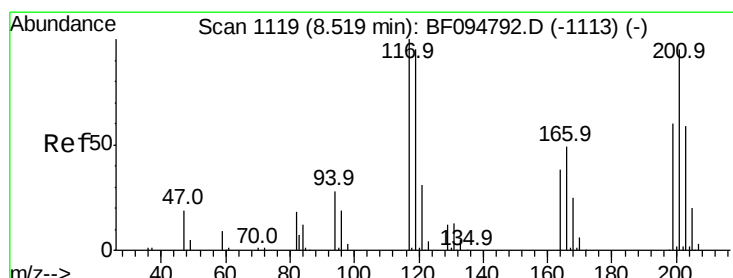
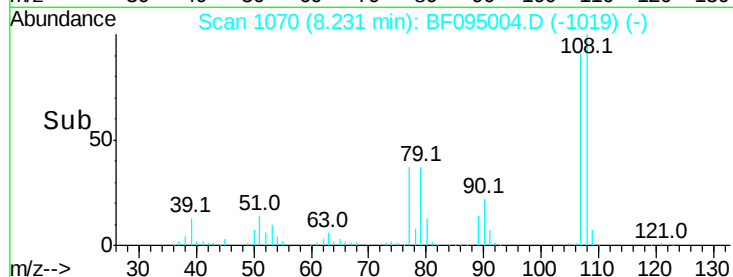
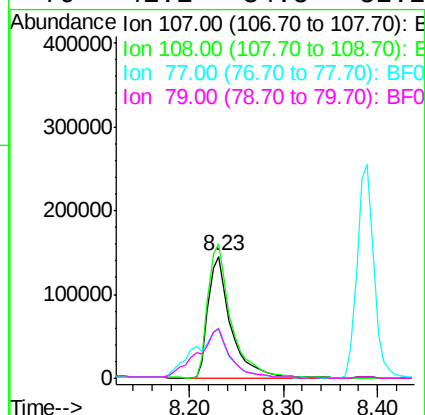
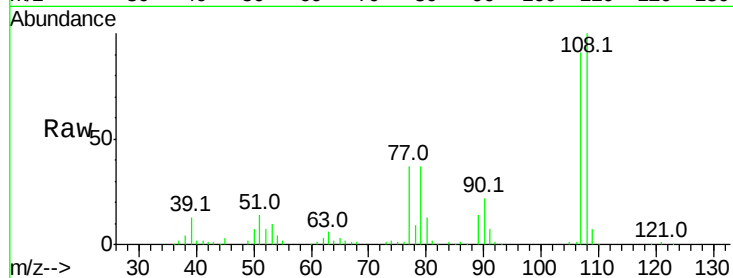




#17
2-Methylphenol
Concen: 47.17 ng
RT: 8.23 min Scan# 1070
Delta R.T. 0.00 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

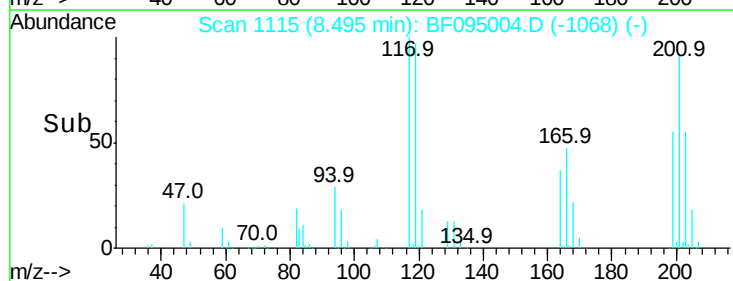
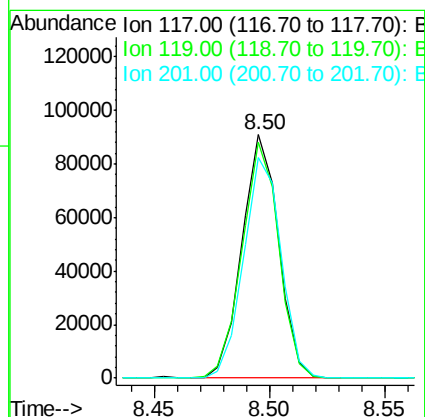
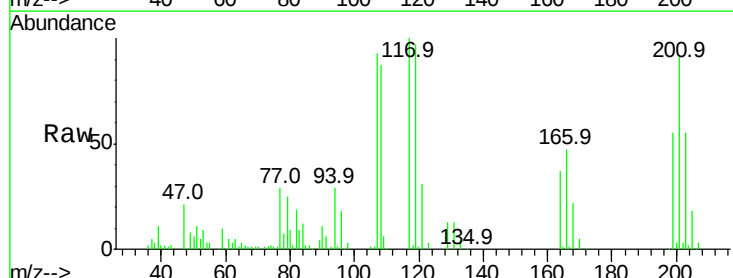
Instrument :
BNA_F
ClientSampleId :

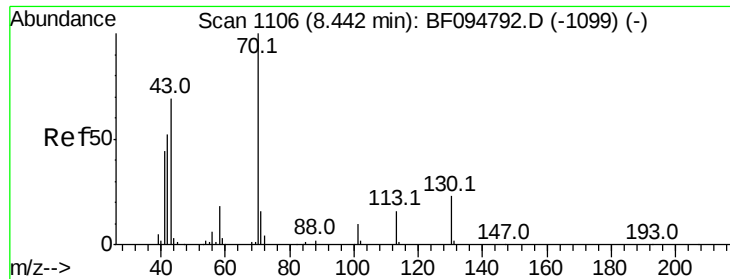
Tot Ion	Ratio	Lower	Upper
107	100		
108	110.0	93.4	140.0
77	40.2	35.8	53.6
79	41.1	34.8	52.2



#18
Hexachloroethane
Concen: 40.25 ng
RT: 8.50 min Scan# 1115
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.4	116.0
201	90.6	94.6	141.8#

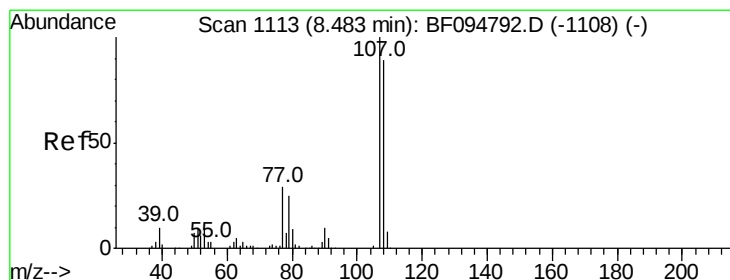
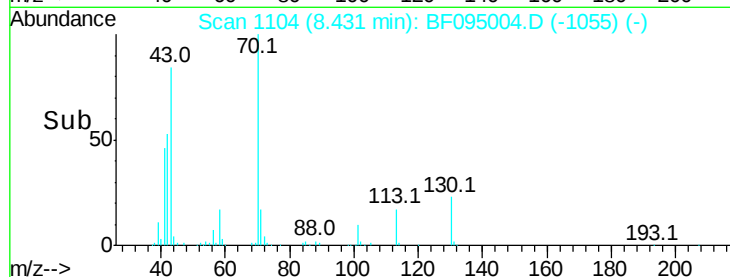
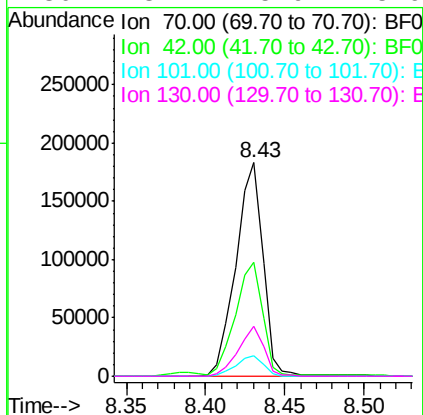
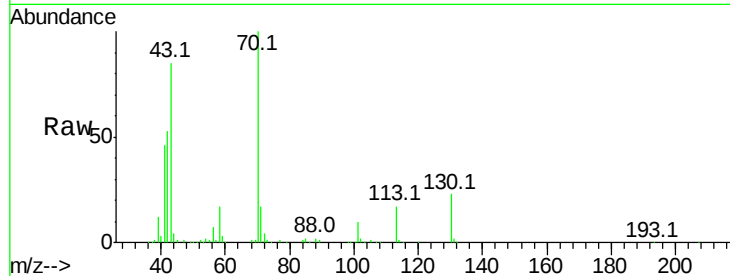




#19
n-Nitroso-di-n-propylamine
Concen: 47.45 ng
RT: 8.43 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

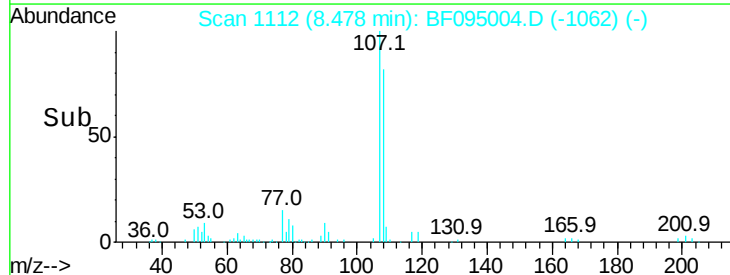
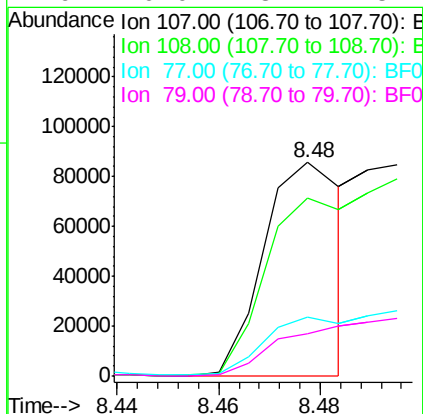
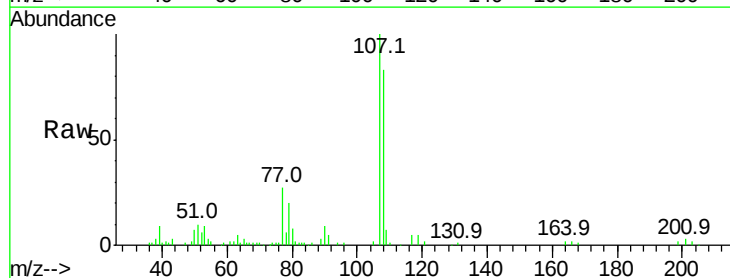
Instrument :
BNA_F
ClientSampled :

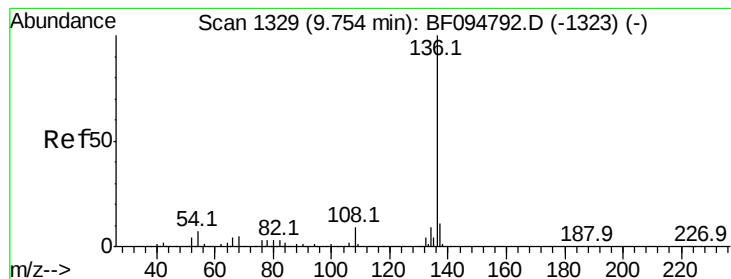
Tot Ion: 70 Resp: 217933
Ion Ratio Lower Upper
70 100
42 53.4 47.2 70.8
101 9.7 7.2 10.8
130 23.1 15.9 23.9



#20
3+4-Methylphenols
Concen: 13.00 ng
RT: 8.48 min Scan# 1112
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:107 Resp: 93149
Ion Ratio Lower Upper
107 100
108 83.0 71.0 111.0
77 27.4 90.5 130.5#
79 20.0 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1326

Delta R.T. -0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 388547

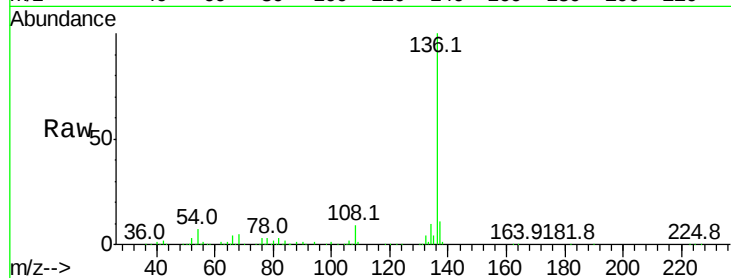
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.9 4.9 7.3

68 5.1 4.1 6.1

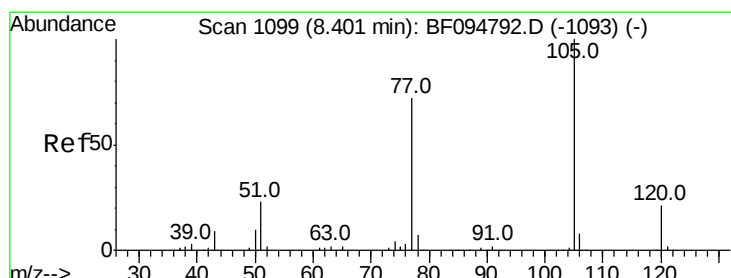
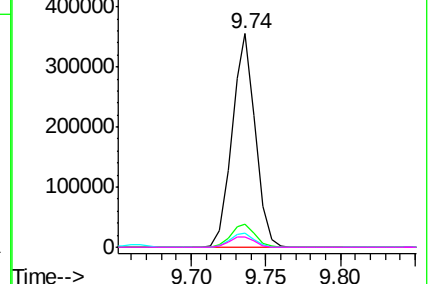
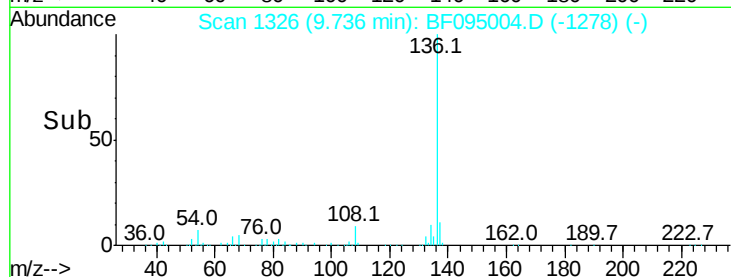


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 47.01 ng

RT: 8.39 min Scan# 1097

Delta R.T. -0.01 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Tgt Ion:105 Resp: 438204

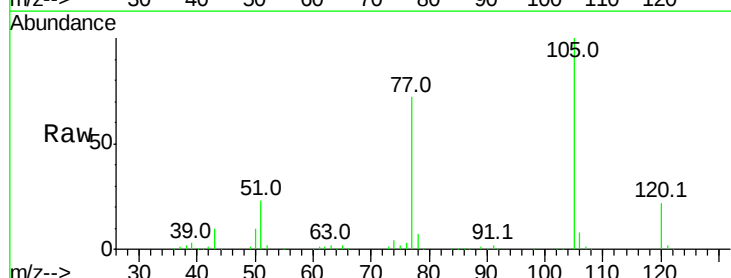
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.8 30.7 46.1#

120 21.8 17.4 26.0

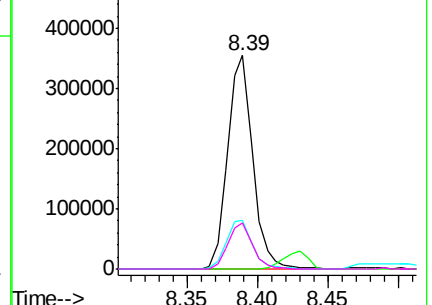
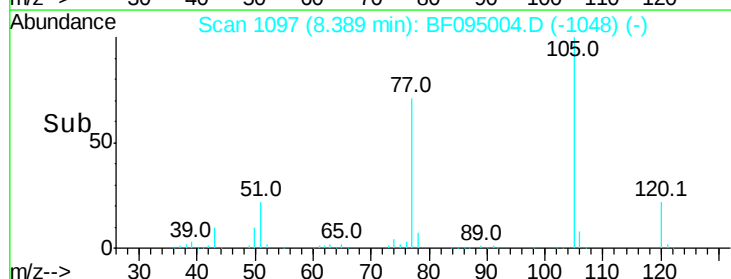


Abundance Ion 105.00 (104.70 to 105.70): E

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

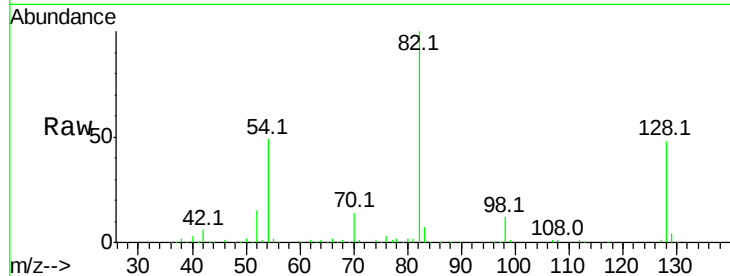




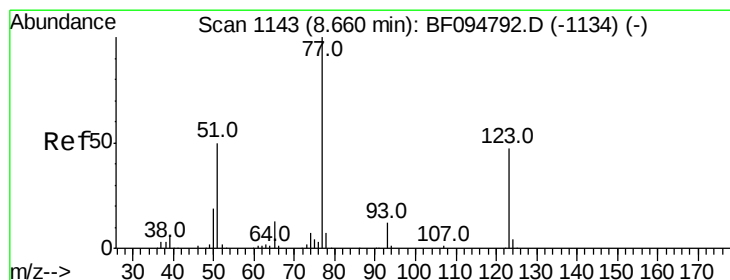
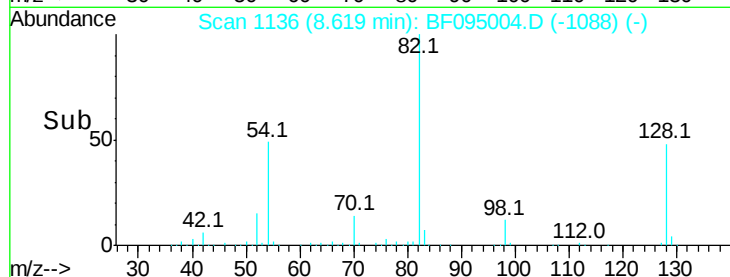
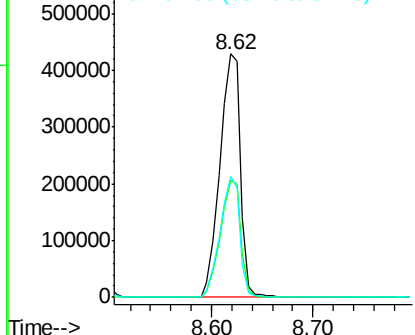
#23
 Nitrobenzene-d5
 Concen: 97.84 ng
 RT: 8.62 min Scan# 1136
 Delta R.T. -0.02 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 602843
 Ion Ratio Lower Upper
 82 100
 128 48.2 34.0 51.0
 54 49.4 42.2 63.2

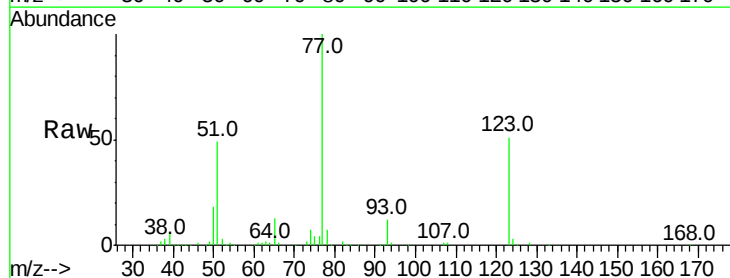


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

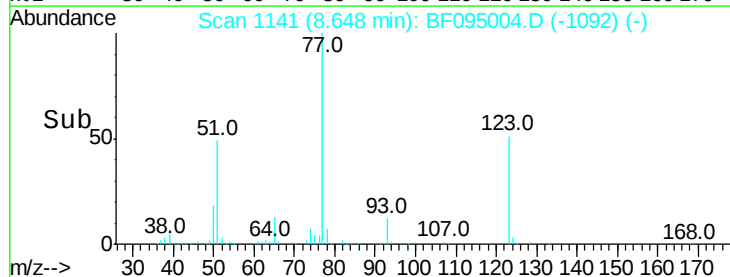
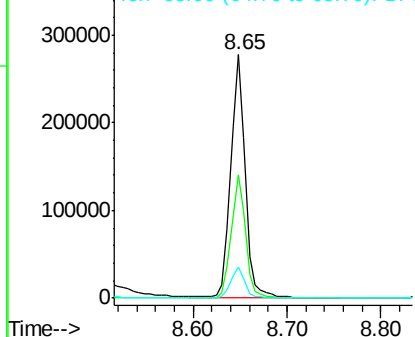


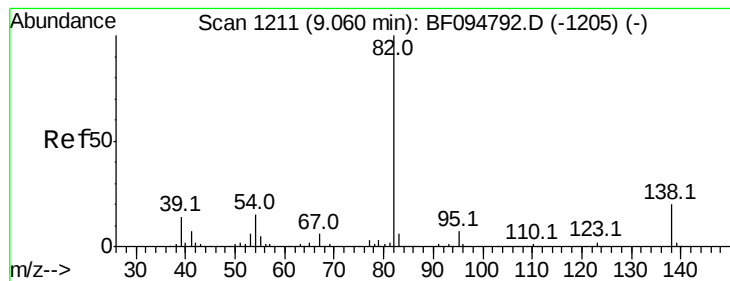
#24
 Nitrobenzene
 Concen: 45.98 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Tgt Ion: 77 Resp: 296986
 Ion Ratio Lower Upper
 77 100
 123 50.8 35.8 53.8
 65 12.7 10.6 15.8



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





#25

Isophorone

Concen: 47.47 ng

RT: 9.05 min Scan# 1209

Delta R.T. -0.01 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampled :

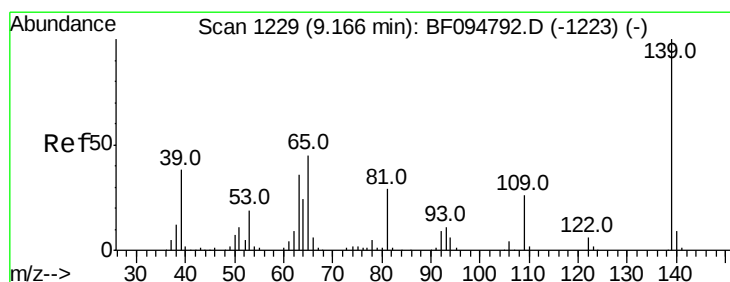
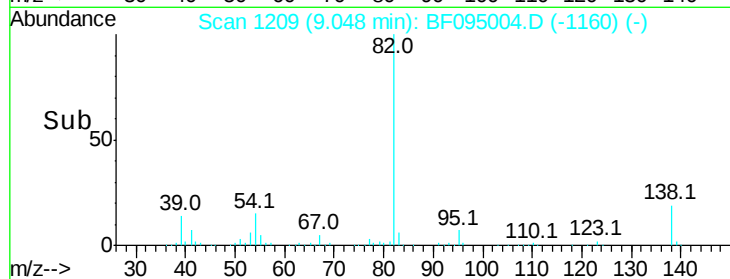
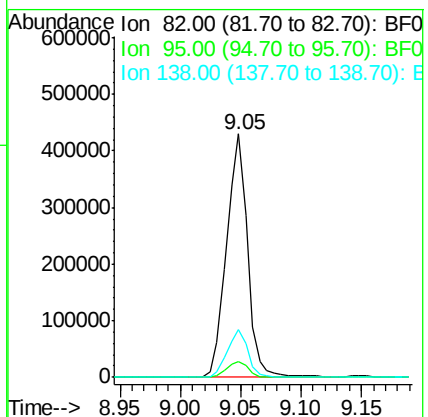
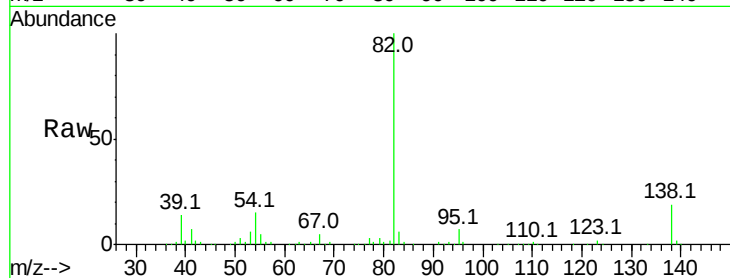
Tot Ion: 82 Resp: 522258

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.4 13.1 19.7



#26

2-Nitrophenol

Concen: 44.72 ng

RT: 9.15 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

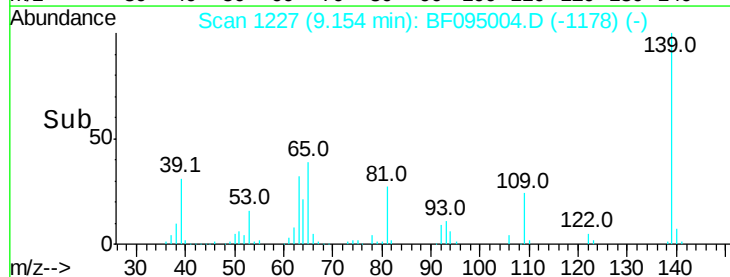
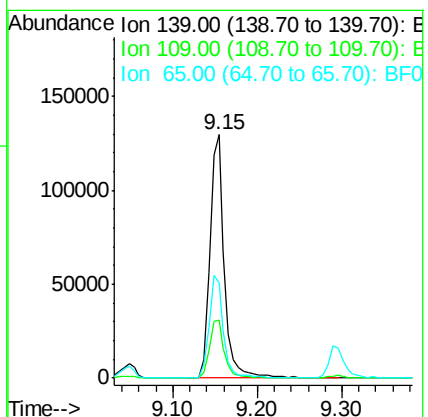
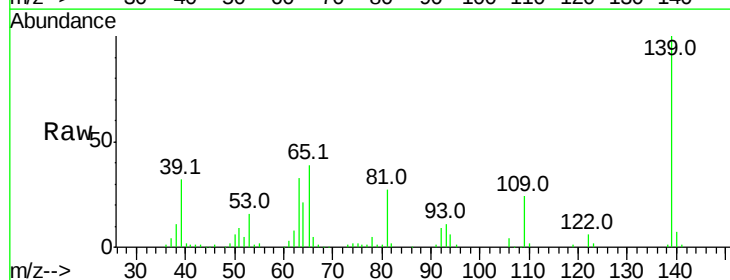
Tgt Ion:139 Resp: 155858

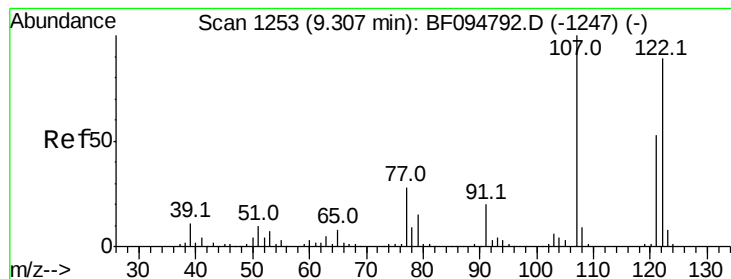
Ion Ratio Lower Upper

139 100

109 23.9 21.0 31.6

65 39.3 33.0 49.6

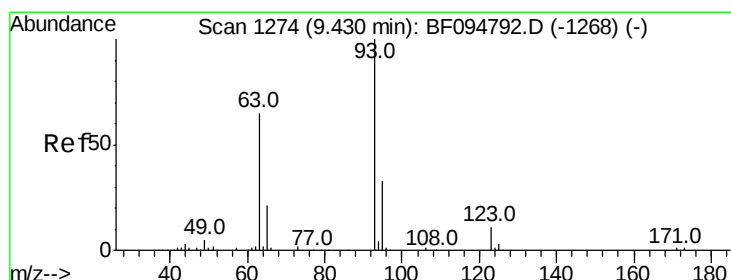
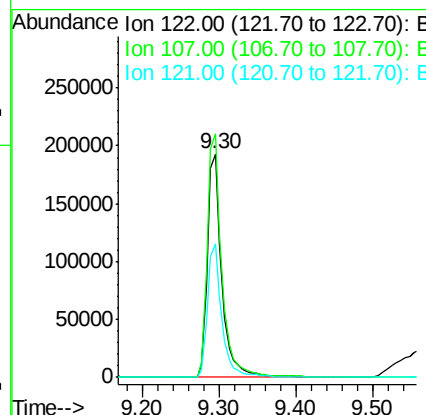
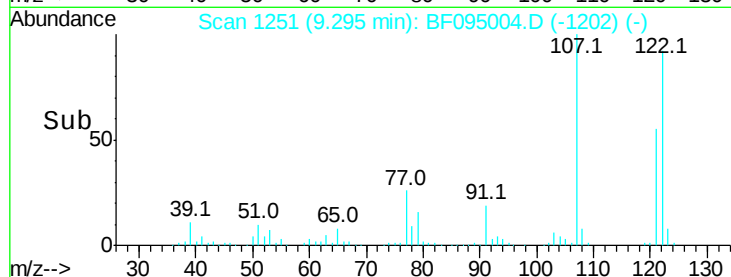
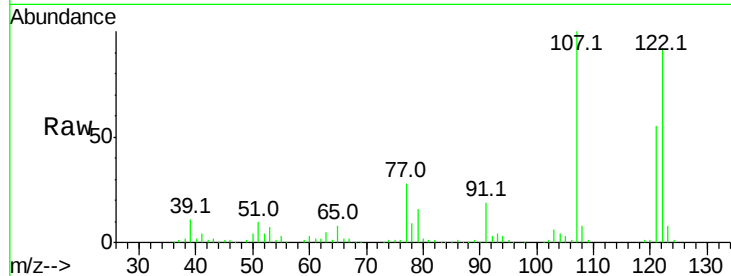




#27
 2,4-Dimethylphenol
 Concen: 44.93 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

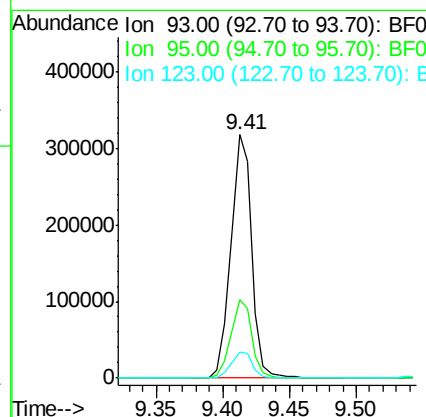
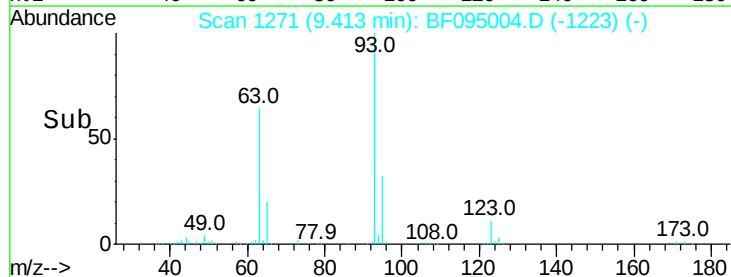
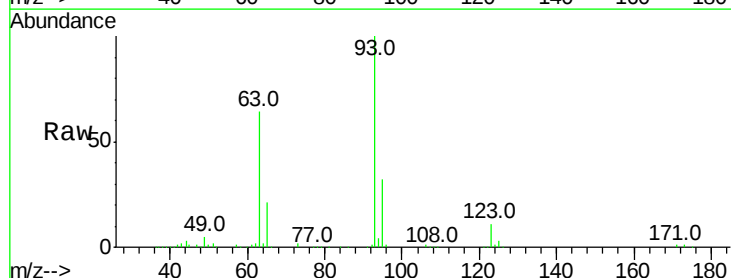
Instrument :
 BNA_F
 ClientSampleId :

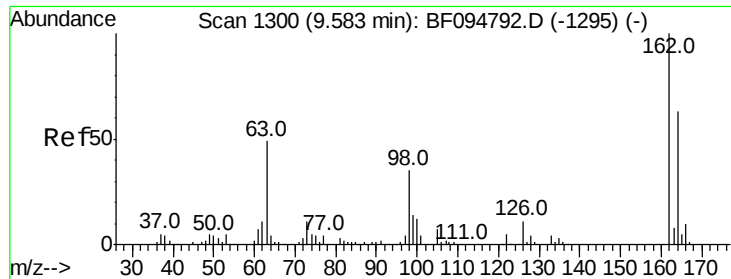
Tot Ion	Ratio	Lower	Upper
122	100		
107	109.0	89.2	133.8
121	59.9	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 46.09 ng
 RT: 9.41 min Scan# 1271
 Delta R.T. -0.02 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.2	26.5	39.7
123	10.8	9.0	13.4

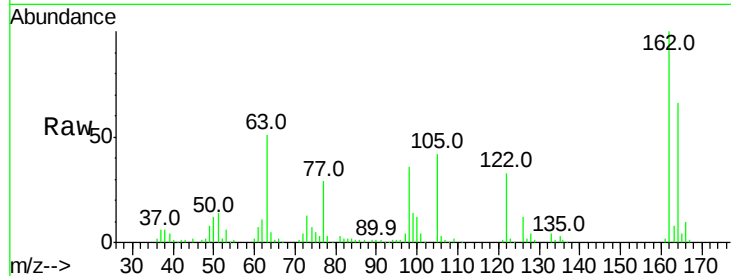




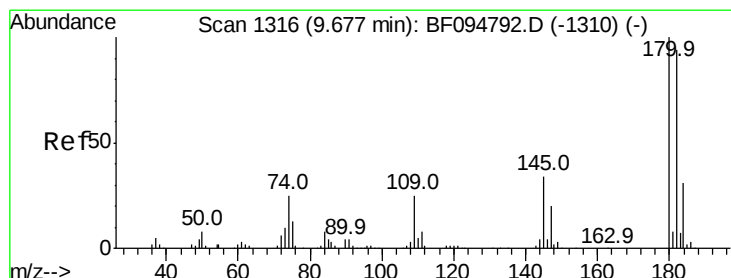
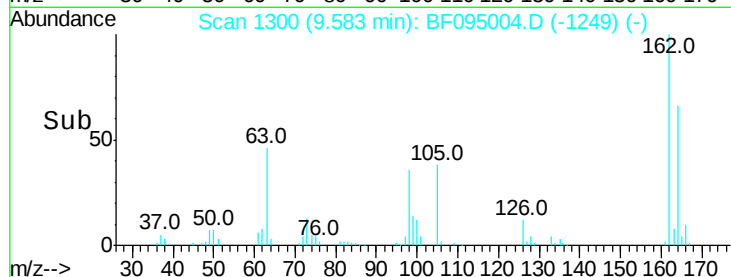
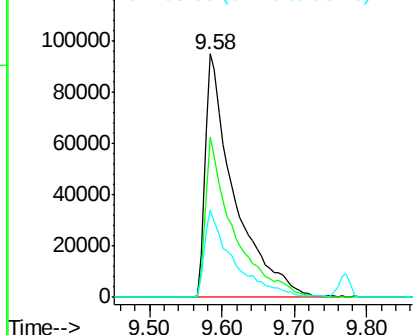
#29
 2,4-Dichlorophenol
 Concen: 49.41 ng
 RT: 9.58 min Scan# 1300
 Delta R.T. 0.00 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 262892
 Ion Ratio Lower Upper
 162 100
 164 66.1 44.6 84.6
 98 35.8 14.8 54.8

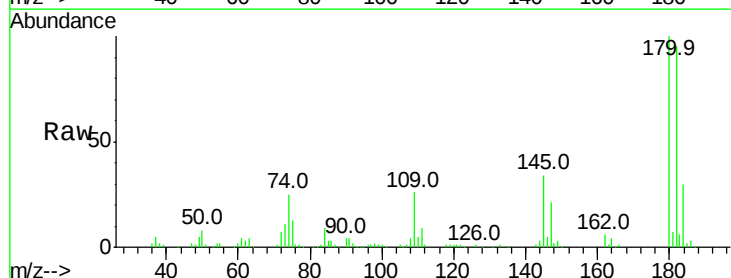


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

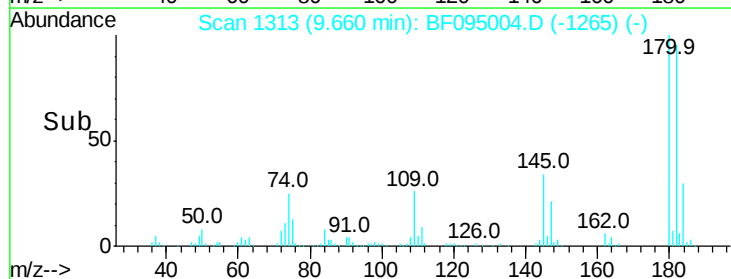
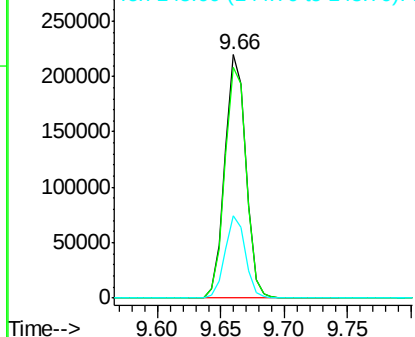


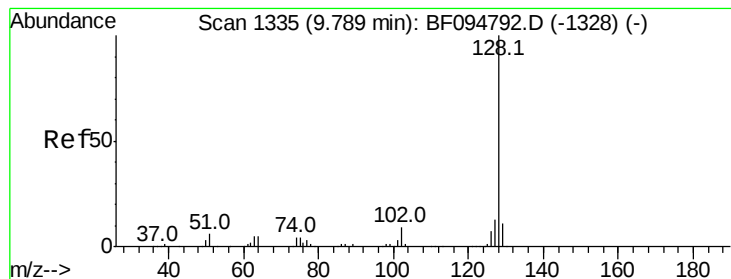
#30
 1,2,4-Trichlorobenzene
 Concen: 44.30 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Tgt Ion:180 Resp: 252524
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.8 113.6
 145 33.6 25.3 37.9



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





#31

Naphthalene

Concen: 43.80 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampled :

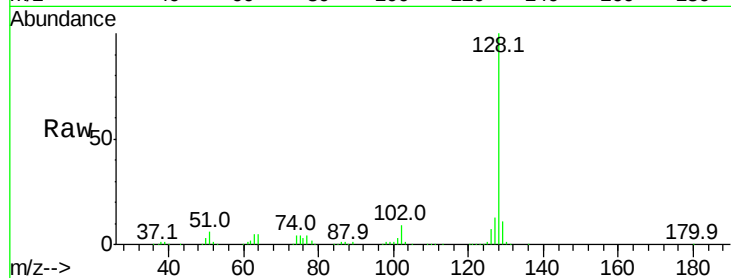
Tot Ion:128 Resp: 855274

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

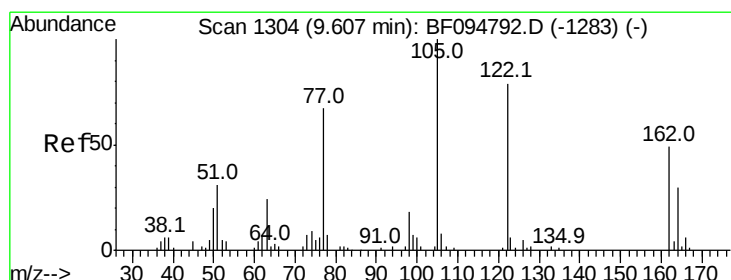
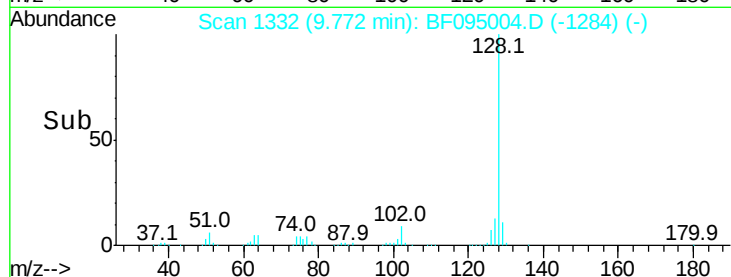
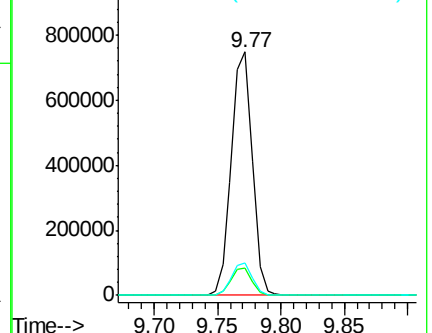
127 13.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 37.86 ng

RT: 9.60 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

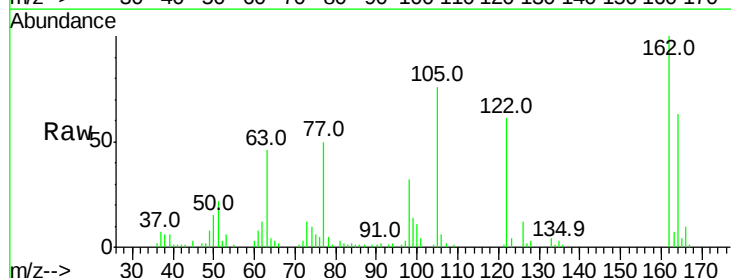
Tgt Ion:122 Resp: 135611

Ion Ratio Lower Upper

122 100

105 124.7 103.3 143.3

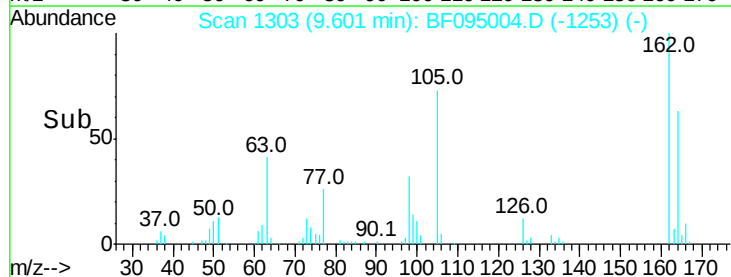
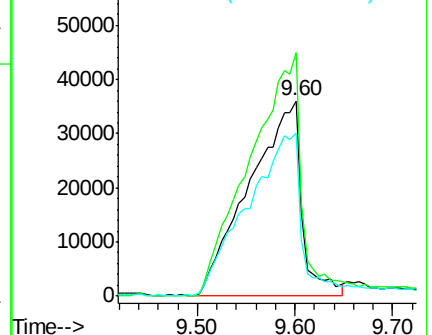
77 83.3 73.7 113.7

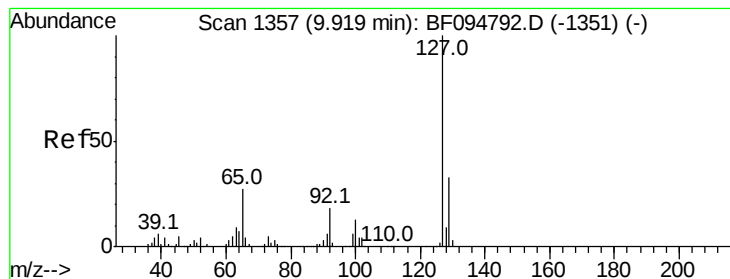


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 13.33 ng

RT: 9.95 min Scan# 1362

Delta R.T. 0.03 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 96982

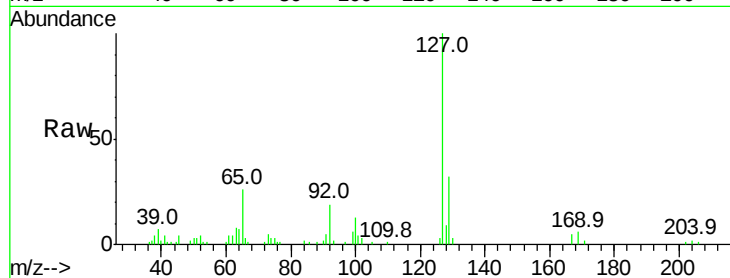
Ion Ratio Lower Upper

127 100

129 31.8 26.2 39.2

65 26.3 27.8 41.8#

92 18.6 16.8 25.2

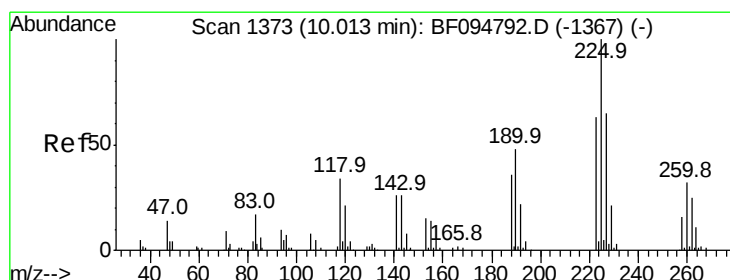
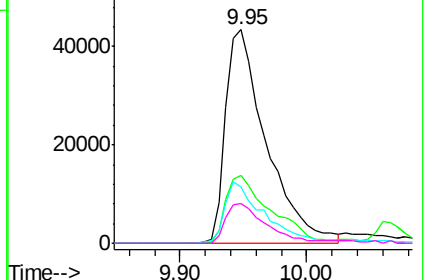
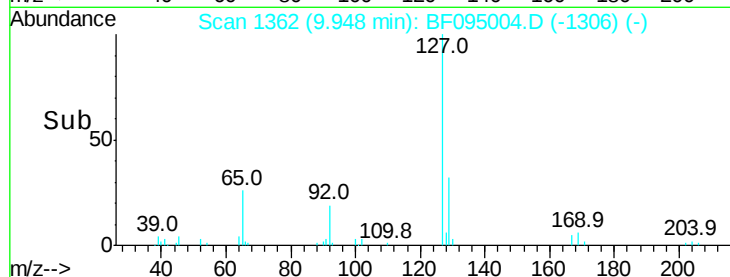


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.24 ng

RT: 9.99 min Scan# 1369

Delta R.T. -0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

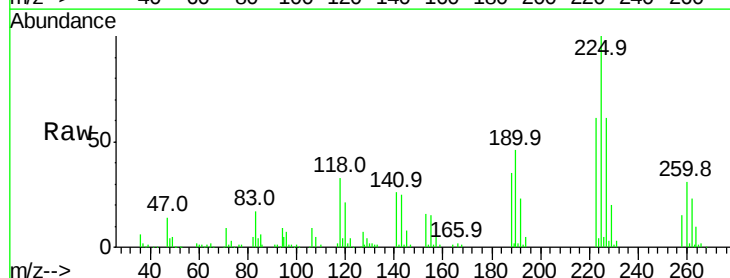
Tgt Ion:225 Resp: 118011

Ion Ratio Lower Upper

225 100

223 60.8 48.8 73.2

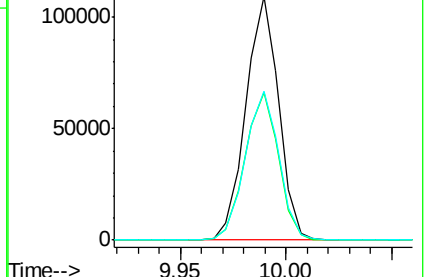
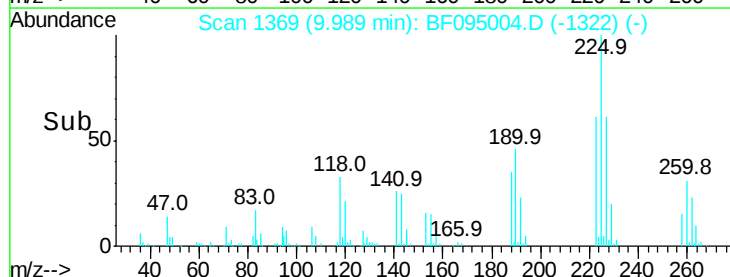
227 61.3 51.1 76.7

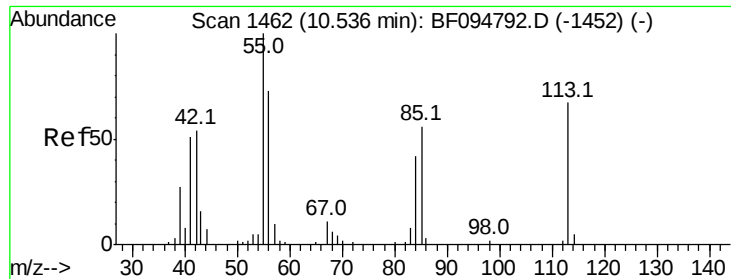


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.92 ng

RT: 10.54 min Scan# 1462

Delta R.T. 0.00 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

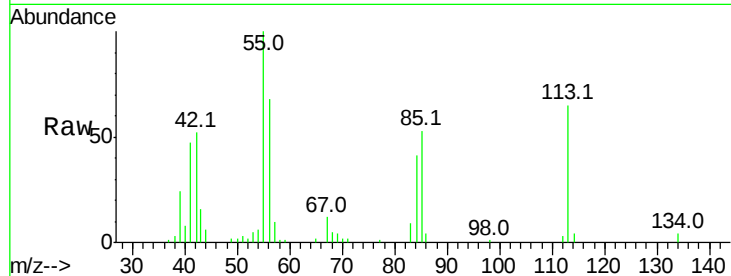
Tot Ion:113 Resp: 44597

Ion Ratio Lower Upper

113 100

55 154.8 150.2 190.2

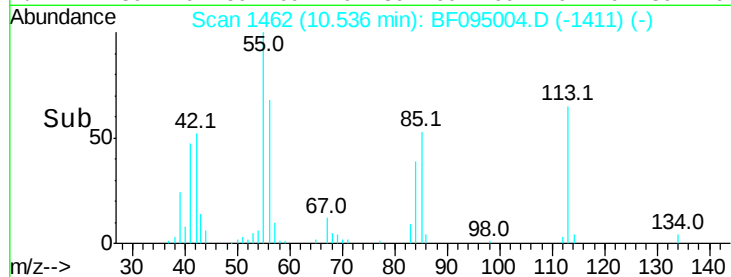
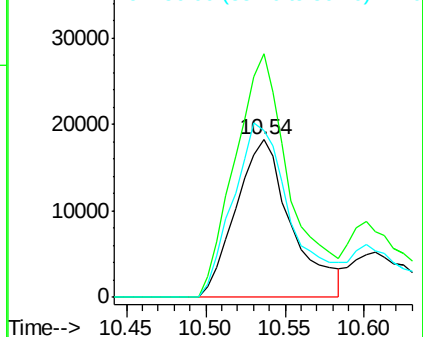
56 105.9 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 42.88 ng

RT: 10.77 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

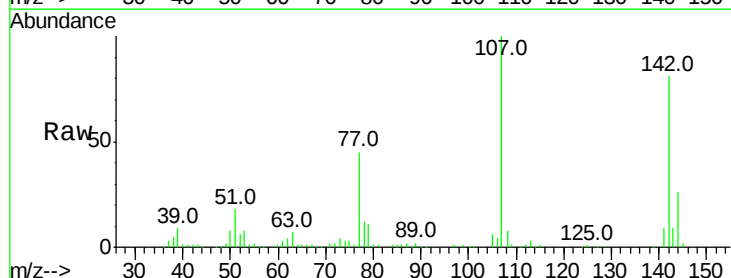
Tgt Ion:107 Resp: 243934

Ion Ratio Lower Upper

107 100

144 26.0 24.2 36.4

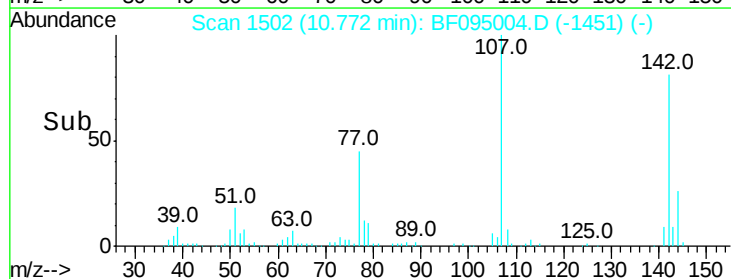
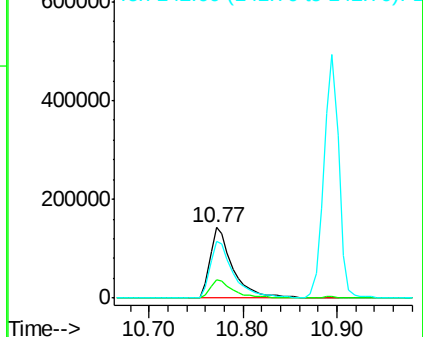
142 80.6 73.4 110.0

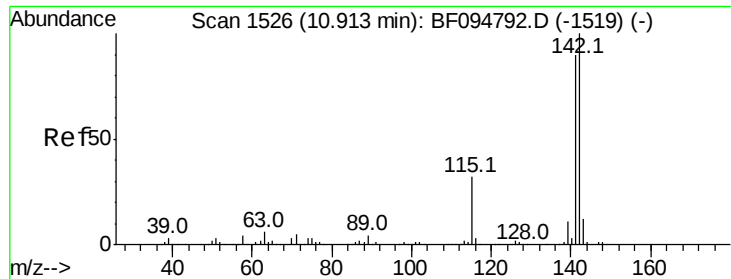


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

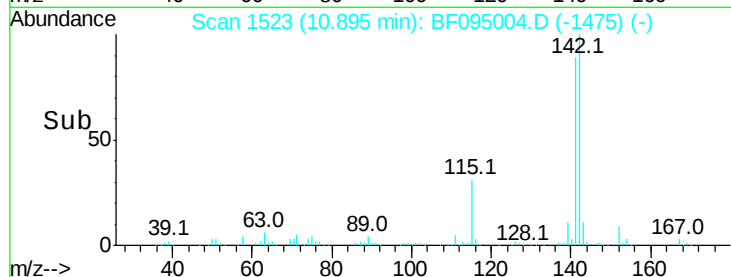
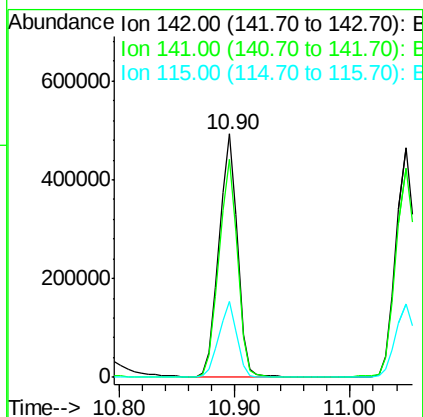
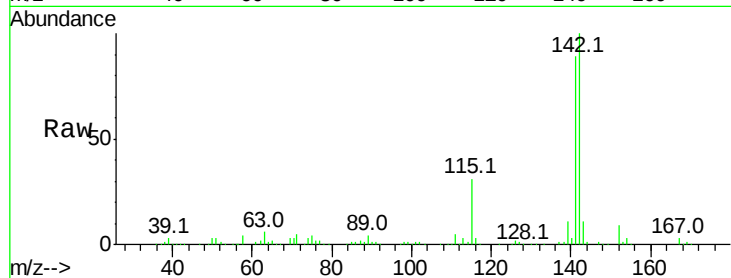




#37
2-Methylnaphthalene
Concen: 42.96 ng
RT: 10.90 min Scan# 1523
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

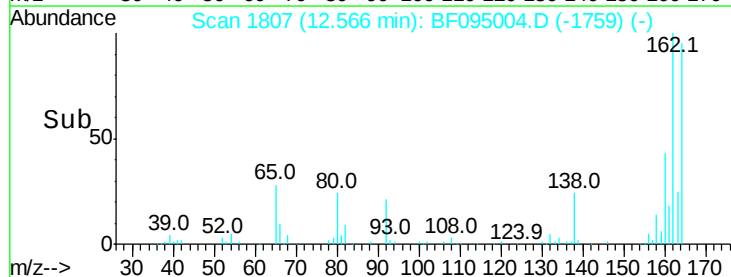
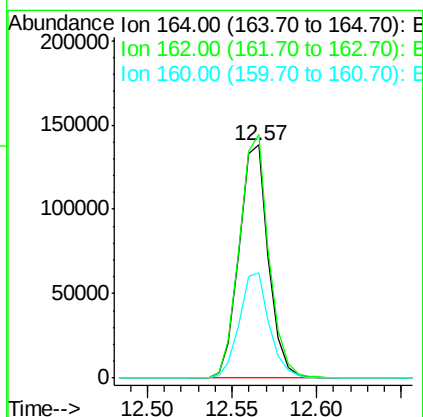
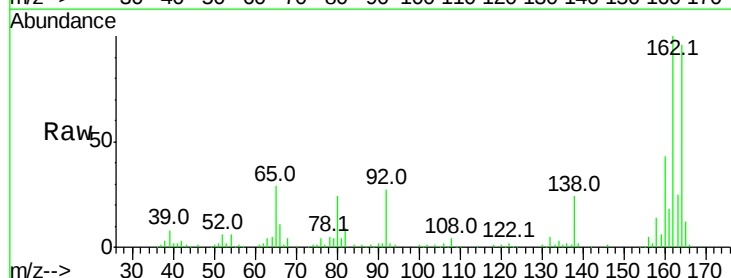
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 550568
Ion Ratio Lower Upper
142 100
141 89.4 71.3 106.9
115 31.3 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1807
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:164 Resp: 166613
Ion Ratio Lower Upper
164 100
162 104.6 82.6 123.8
160 45.2 36.2 54.2

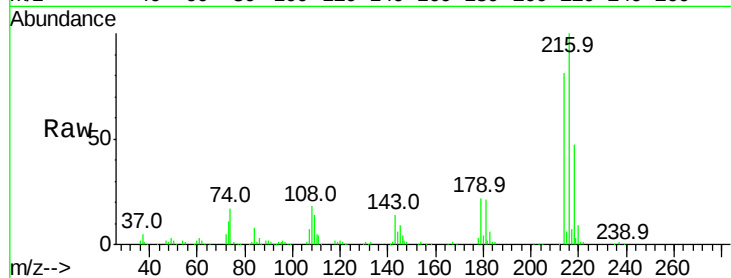




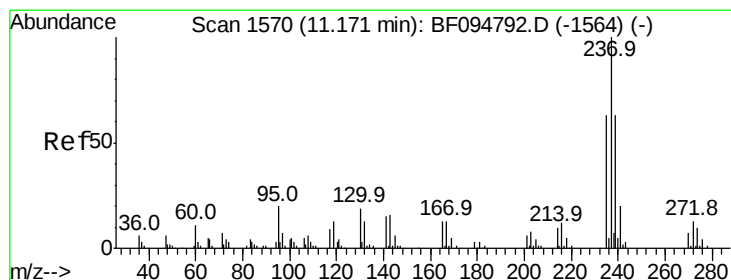
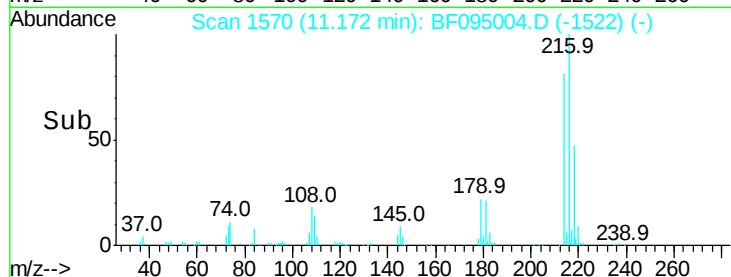
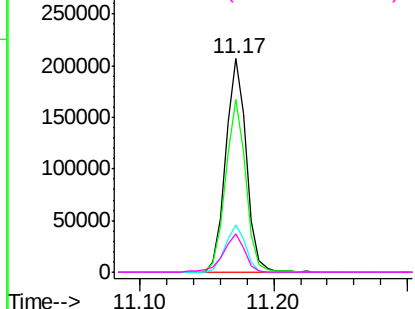
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.89 ng
 RT: 11.17 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	224878
Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.4	95.2
179	21.9	17.9	26.9
108	18.8	16.5	24.7

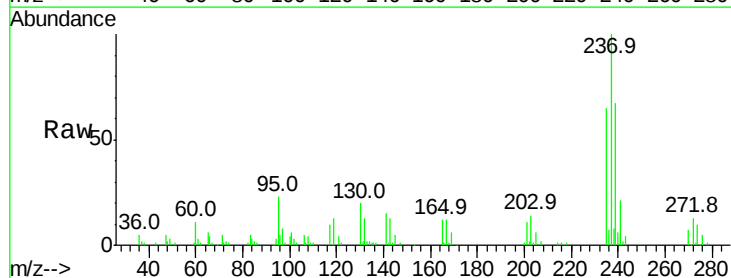


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

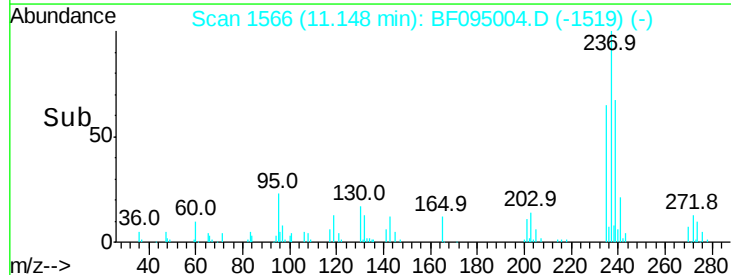
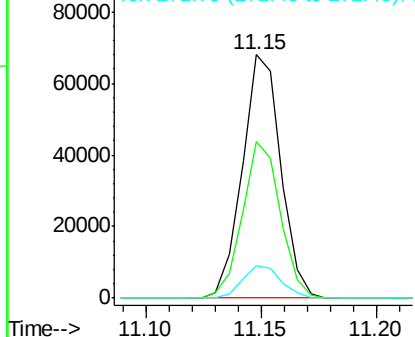


#40
 Hexachlorocyclopentadiene
 Concen: 40.08 ng
 RT: 11.15 min Scan# 1566
 Delta R.T. -0.02 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Tgt Ion:	237	Resp:	79295
Ion	Ratio	Lower	Upper
237	100		
235	64.5	42.6	82.6
272	13.1	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

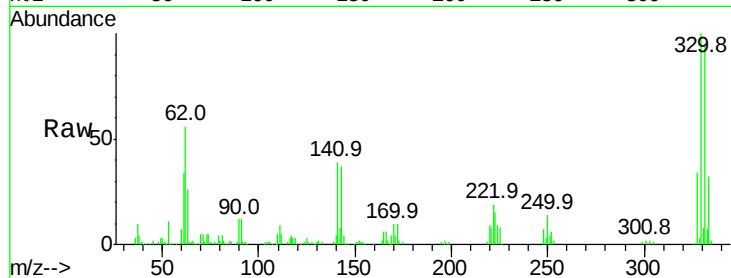




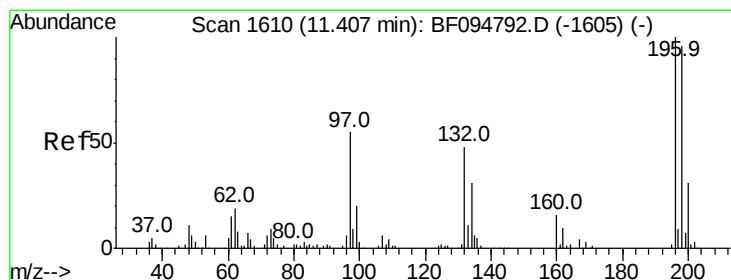
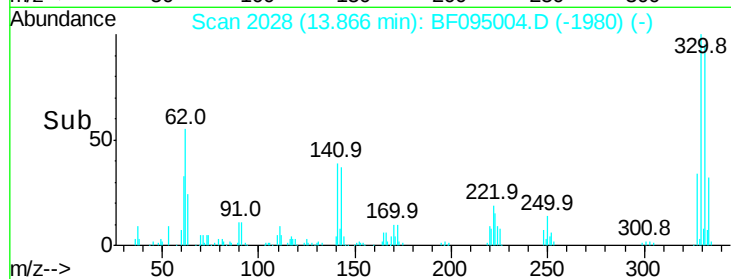
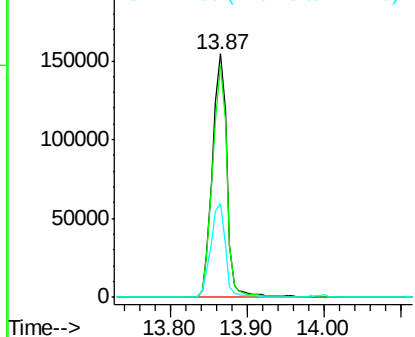
#41
 2,4,6-Tribromophenol
 Concen: 146.62 ng
 RT: 13.87 min Scan# 2028
 Delta R.T. -0.02 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 200061
 Ion Ratio Lower Upper
 330 100
 332 93.7 76.6 115.0
 141 38.6 31.4 47.2

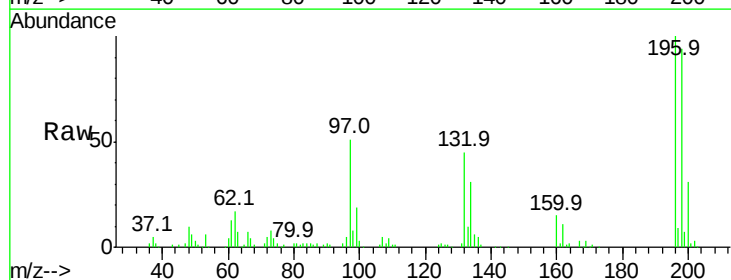


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

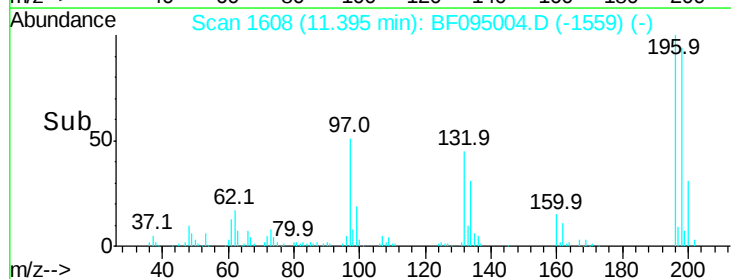
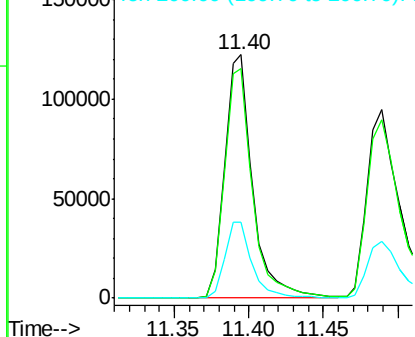


#42
 2,4,6-Trichlorophenol
 Concen: 47.11 ng
 RT: 11.40 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Tgt Ion:196 Resp: 161168
 Ion Ratio Lower Upper
 196 100
 198 94.3 74.2 111.4
 200 30.9 24.0 36.0



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



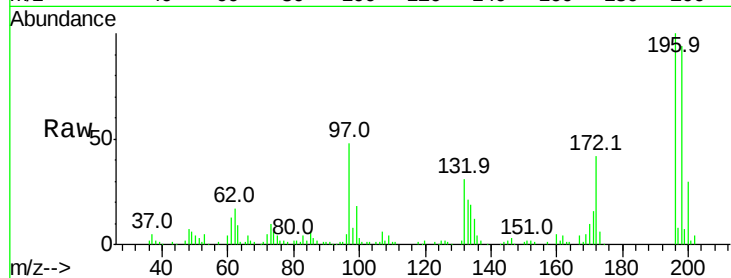


#43
 2,4,5-Trichlorophenol
 Concen: 42.41 ng
 RT: 11.49 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

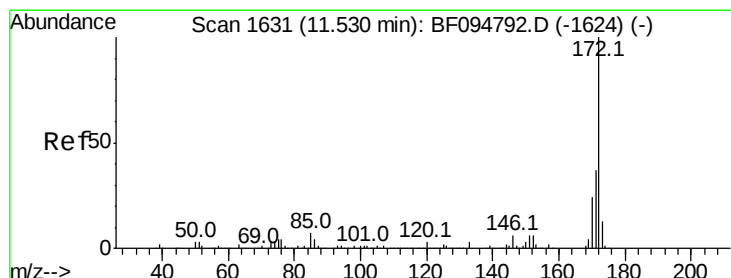
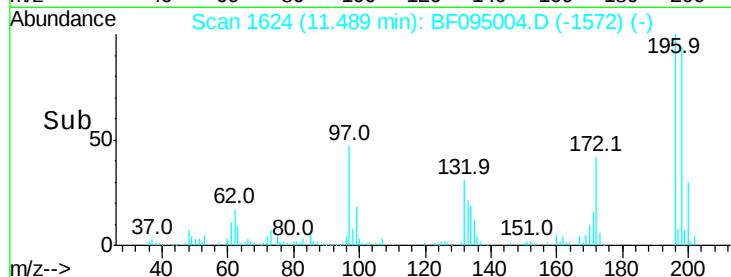
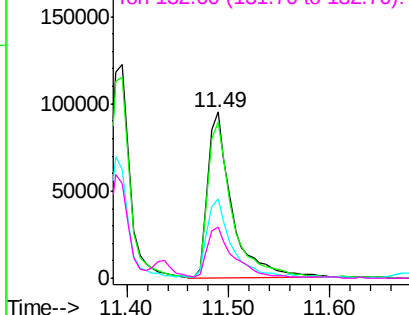
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 155927

Ion	Ratio	Lower	Upper
196	100		
198	94.2	75.7	113.5
97	47.7	47.7	71.5
132	31.1	28.0	42.0



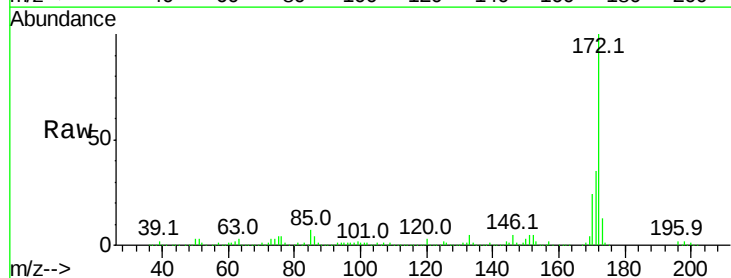
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E



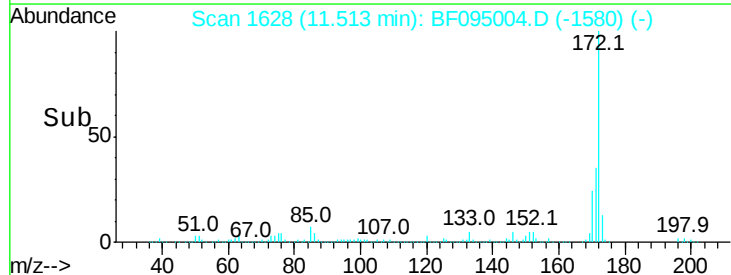
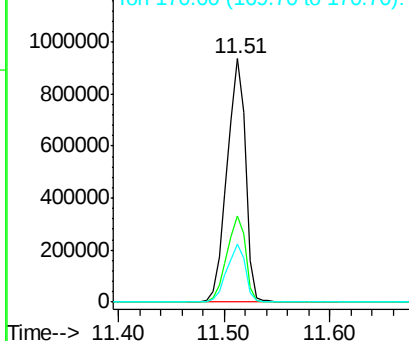
#44
 2-Fluorobiphenyl
 Concen: 97.66 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

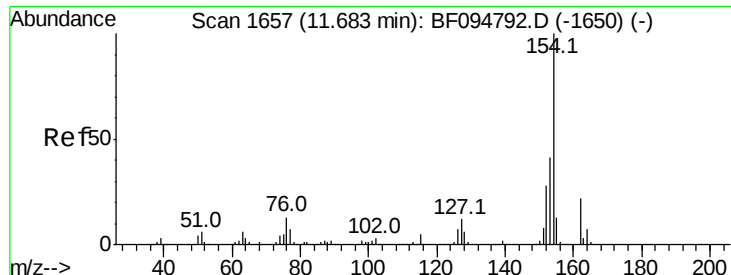
Tgt Ion:172 Resp: 1130492

Ion	Ratio	Lower	Upper
172	100		
171	35.3	29.6	44.4
170	23.6	19.8	29.8



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

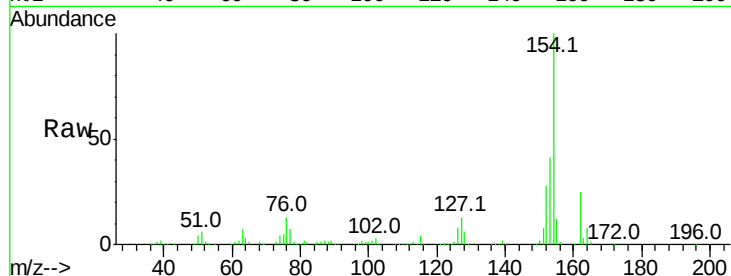




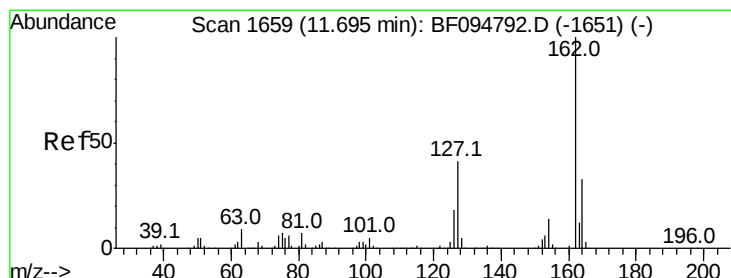
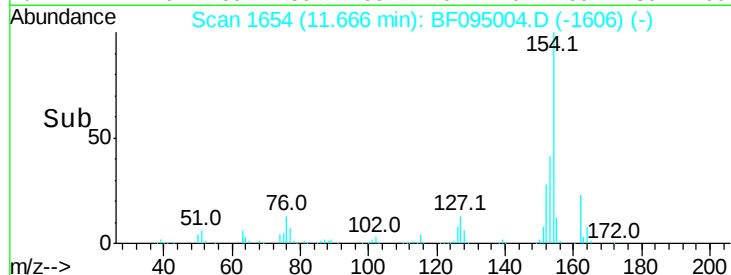
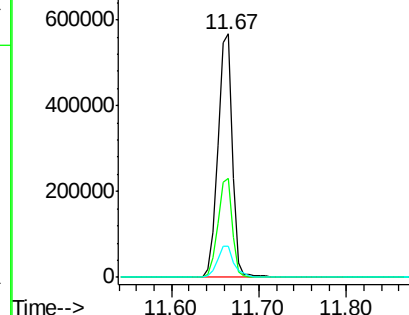
#45
 1,1'-Biphenyl
 Concen: 46.43 ng
 RT: 11.67 min Scan# 1654
 Delta R.T. -0.02 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 651282
 Ion Ratio Lower Upper
 154 100
 153 40.6 21.2 61.2
 76 13.0 0.0 29.9

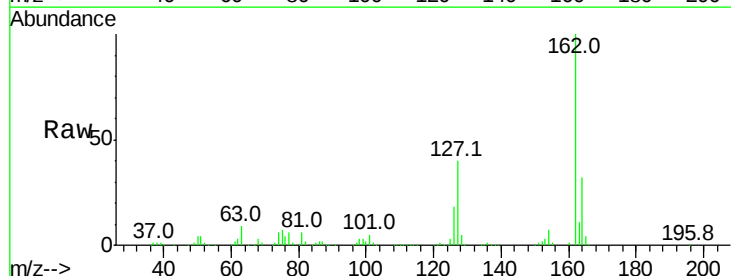


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

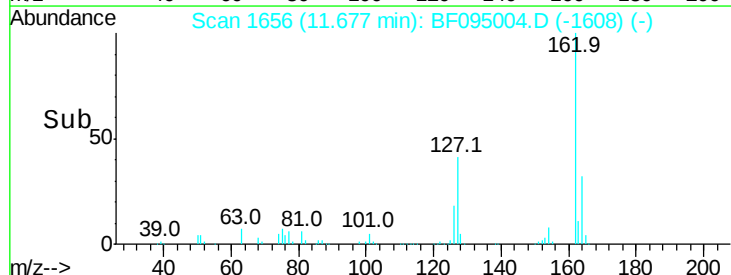
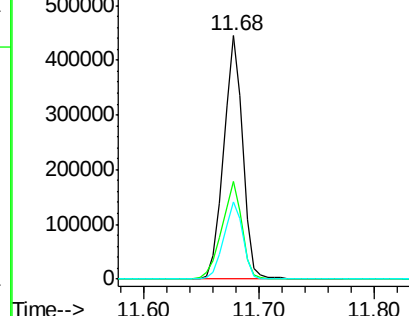


#46
 2-Chloronaphthalene
 Concen: 44.80 ng
 RT: 11.68 min Scan# 1656
 Delta R.T. -0.02 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Tgt Ion:162 Resp: 507411
 Ion Ratio Lower Upper
 162 100
 127 40.2 28.3 42.5
 164 31.9 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

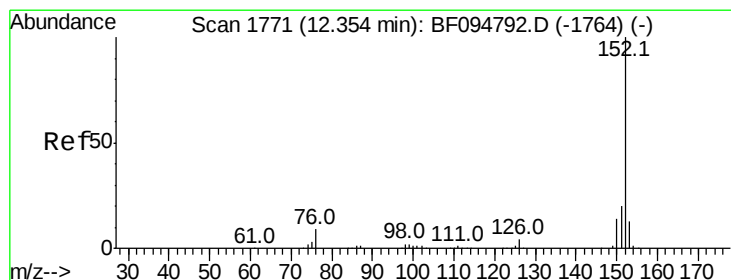
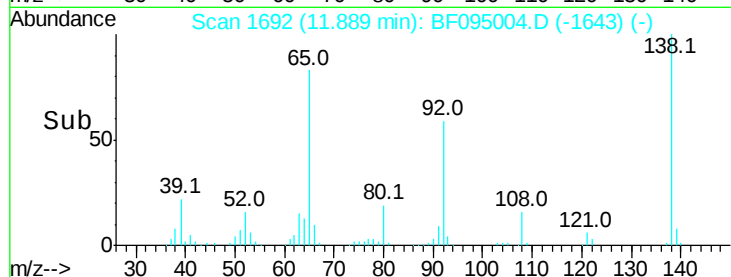
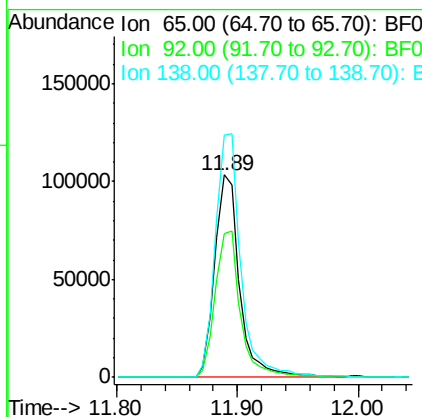
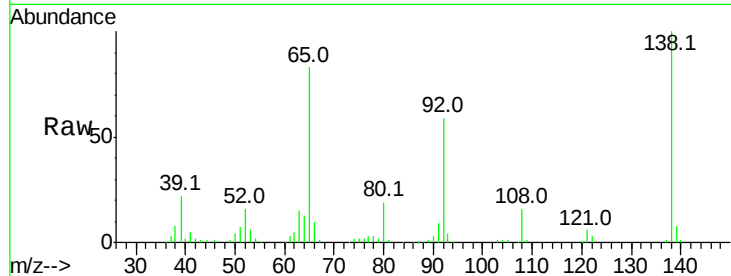




#47
2-Nitroaniline
Concen: 47.64 ng
RT: 11.89 min Scan# 1692
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

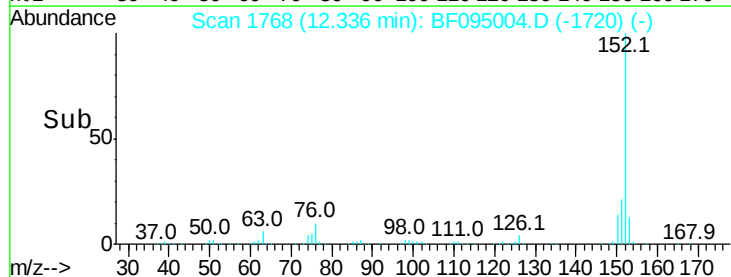
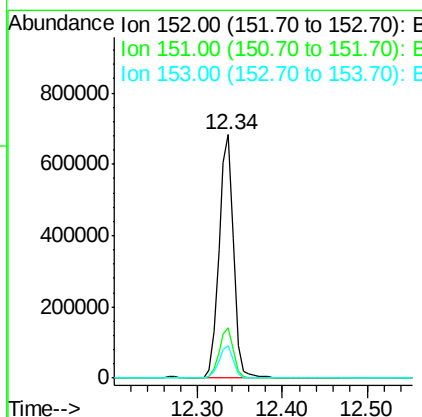
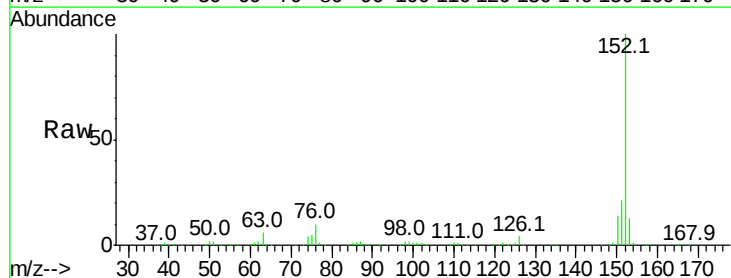
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 65 Resp: 147700
Ion Ratio Lower Upper
65 100
92 71.1 53.9 80.9
138 119.9 78.8 118.2#



#48
Acenaphthylene
Concen: 46.75 ng
RT: 12.34 min Scan# 1768
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 152 Resp: 829374
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 55.54 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

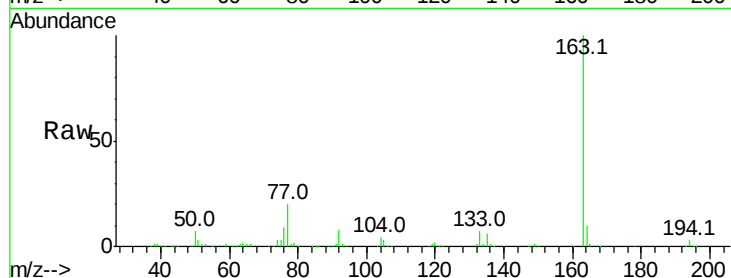
Tot Ion:163 Resp: 759633

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

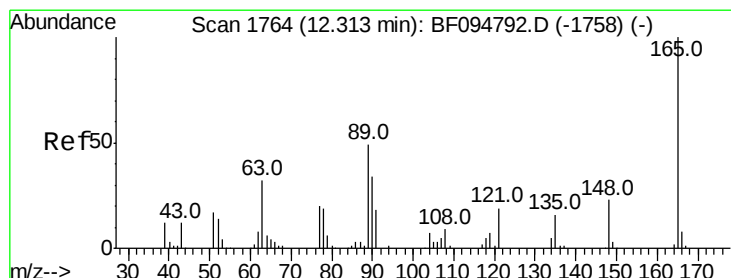
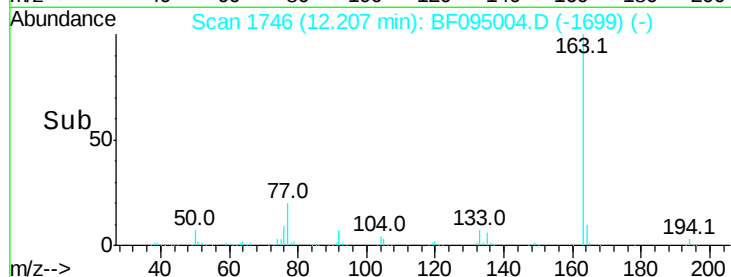
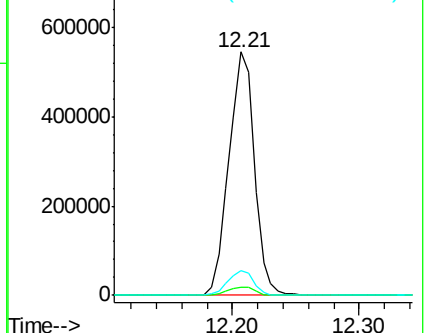
164 10.2 8.4 12.6



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: 46.99 ng

RT: 12.30 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

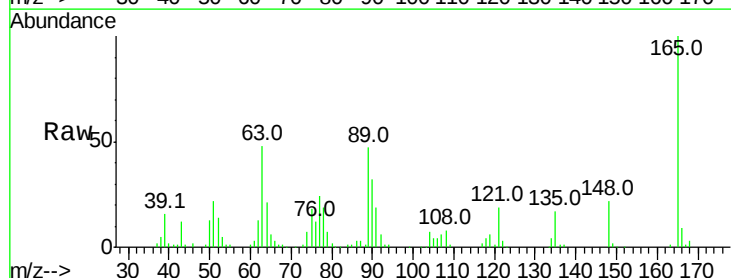
Tgt Ion:165 Resp: 131131

Ion Ratio Lower Upper

165 100

63 47.9 34.3 51.5

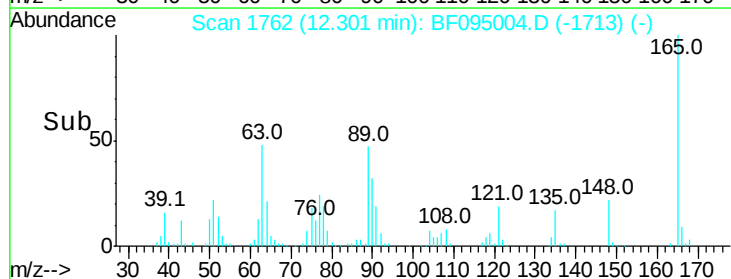
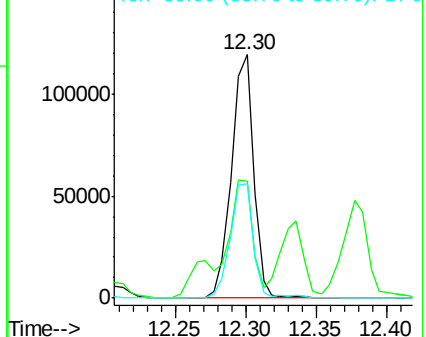
89 47.0 37.1 55.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 45.93 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

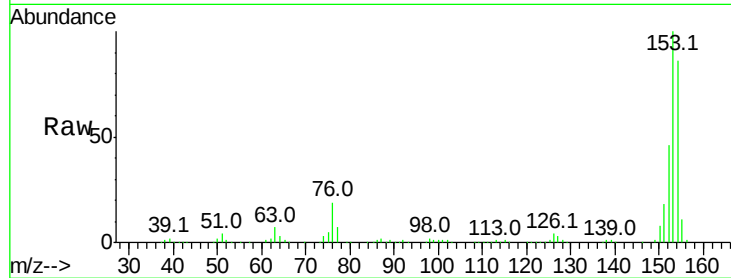
Tot Ion:154 Resp: 486673

Ion Ratio Lower Upper

154 100

153 116.6 90.5 135.7

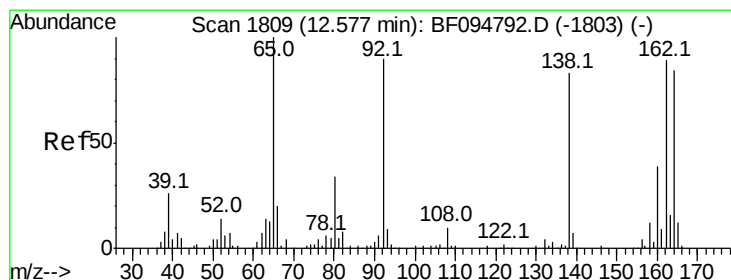
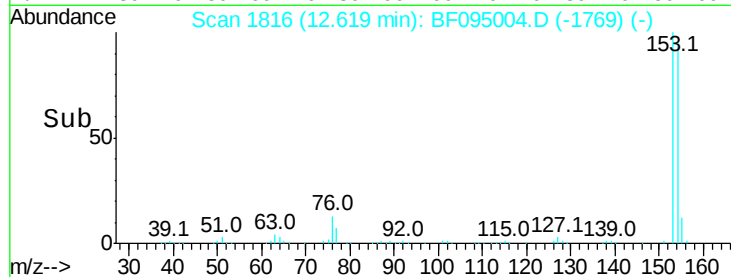
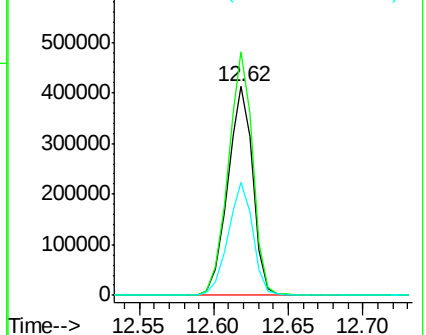
152 54.2 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 25.05 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

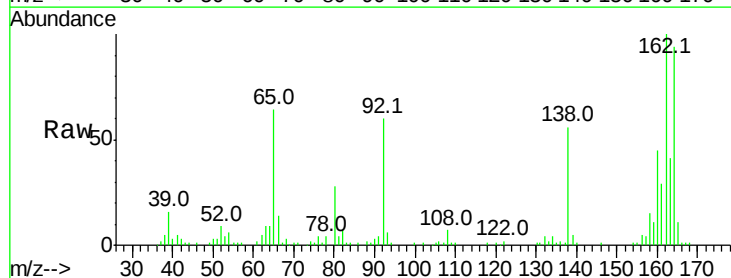
Tgt Ion:138 Resp: 75035

Ion Ratio Lower Upper

138 100

108 13.2 9.1 13.7

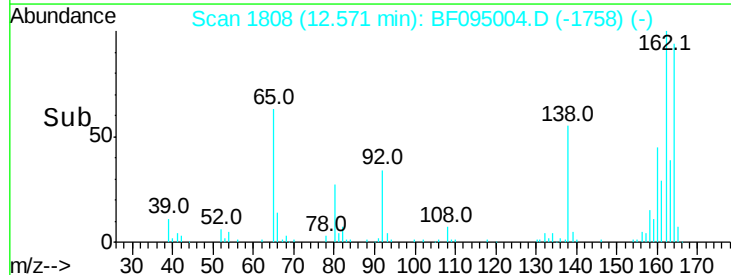
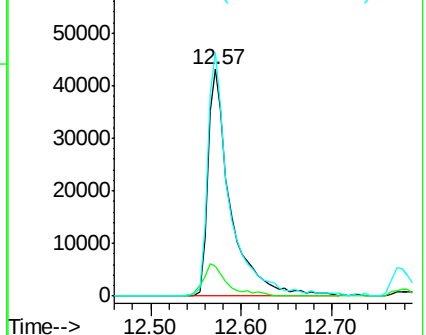
92 107.4 93.8 140.6

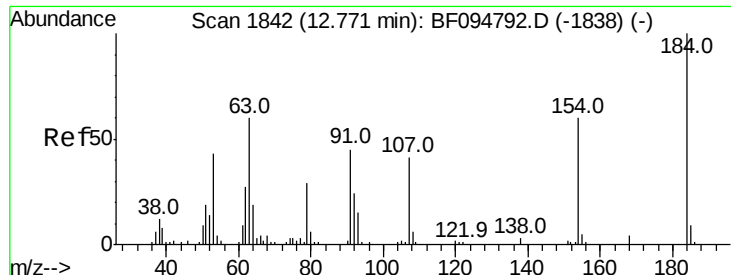


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

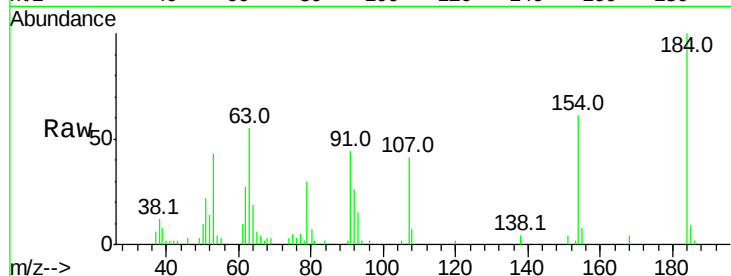




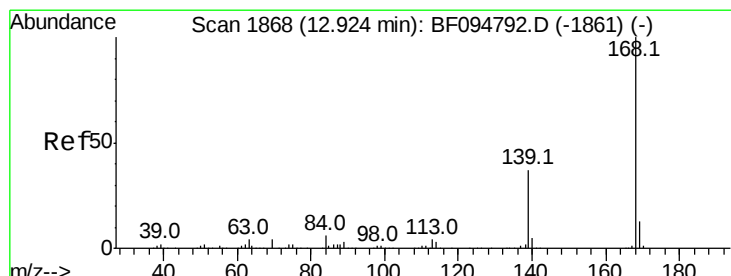
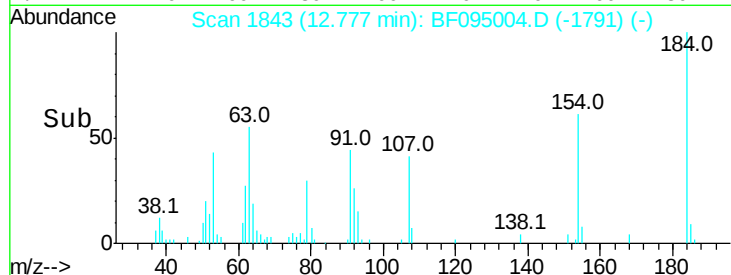
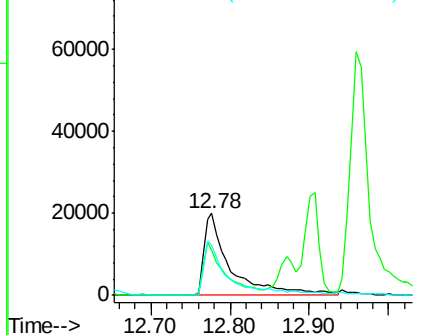
#53
 2,4-Dinitrophenol
 Concen: 34.29 ng
 RT: 12.78 min Scan# 1843
 Delta R.T. 0.01 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 46748
 Ion Ratio Lower Upper
 184 100
 63 55.1 62.7 94.1#
 154 61.3 81.1 121.7#

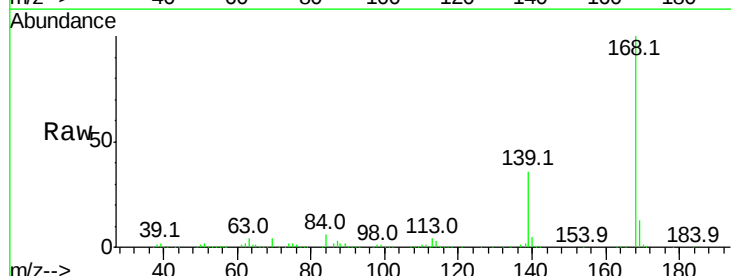


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

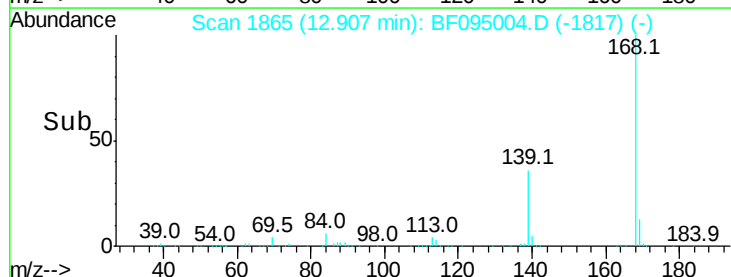
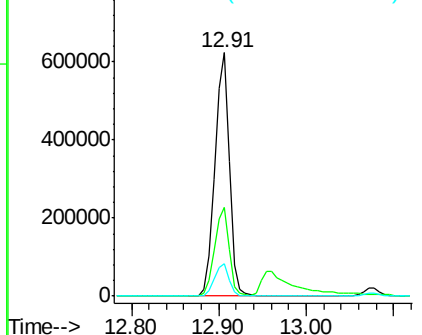


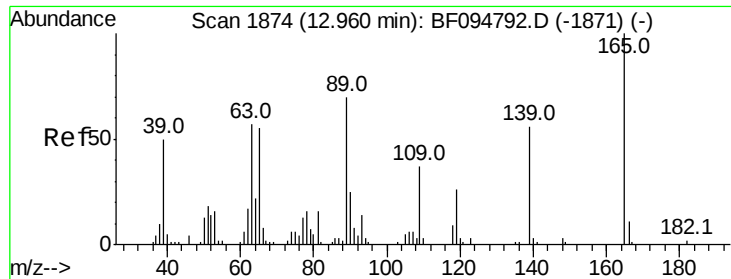
#54
 Dibenzofuran
 Concen: 49.38 ng
 RT: 12.91 min Scan# 1865
 Delta R.T. -0.02 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Tgt Ion:168 Resp: 724129
 Ion Ratio Lower Upper
 168 100
 139 36.2 30.6 45.8
 169 13.5 10.8 16.2



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

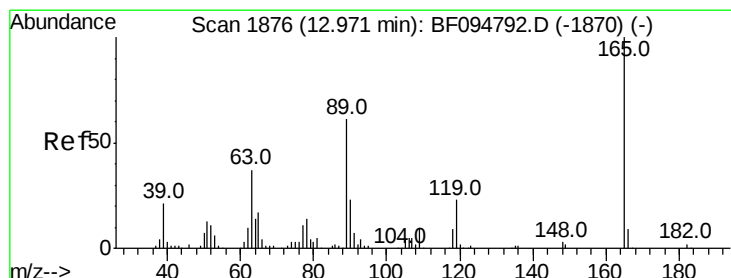
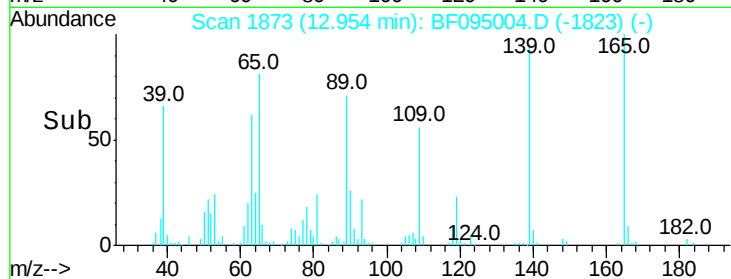
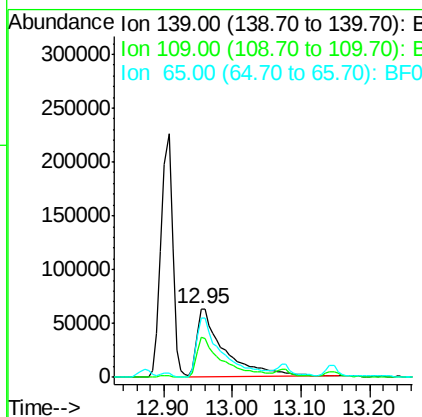
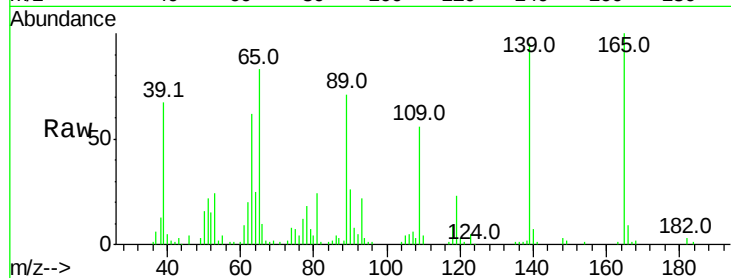




#55
4-Nitrophenol
Concen: 98.14 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

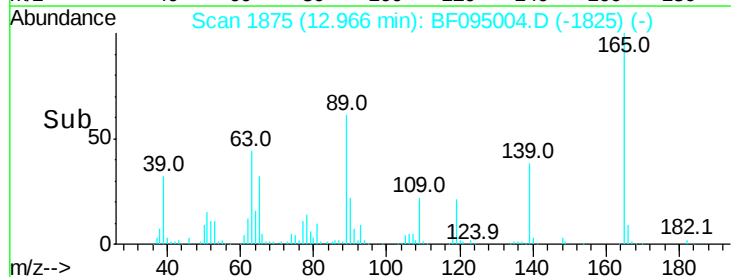
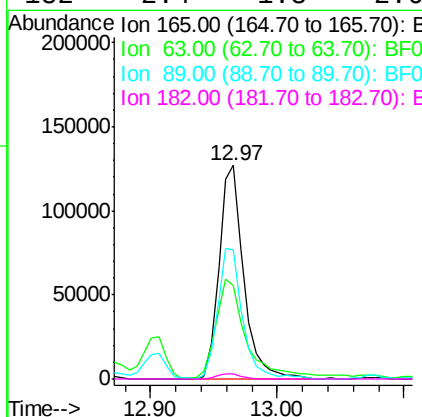
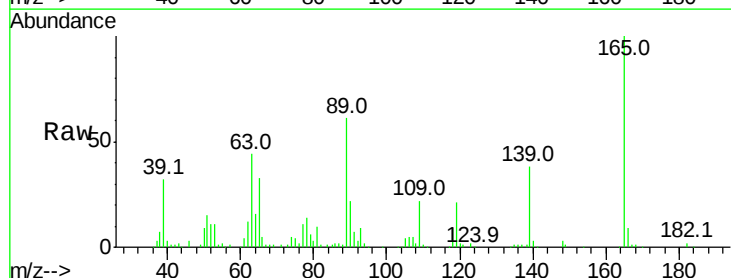
Instrument :
BNA_F
ClientSampled :

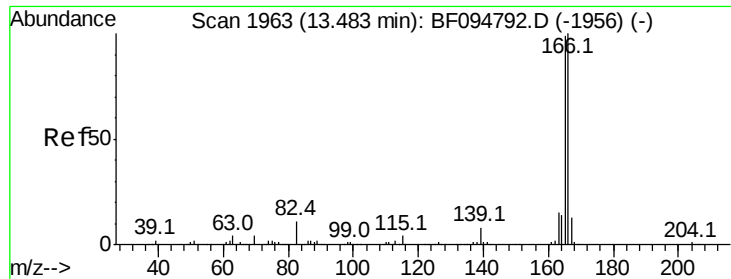
Tot Ion:139 Resp: 176535
Ion Ratio Lower Upper
139 100
109 58.4 34.1 74.1
65 87.0 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 47.99 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:165 Resp: 172093
Ion Ratio Lower Upper
165 100
63 43.9 25.4 38.0#
89 60.8 46.4 69.6
182 2.4 1.8 2.6

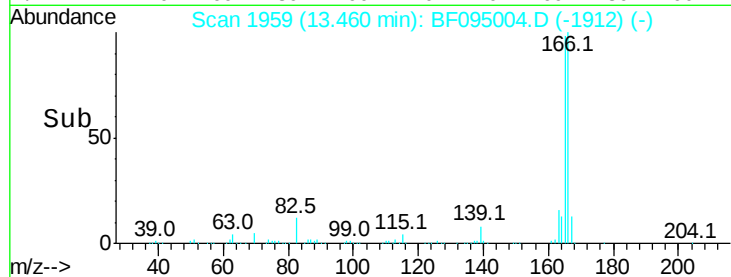
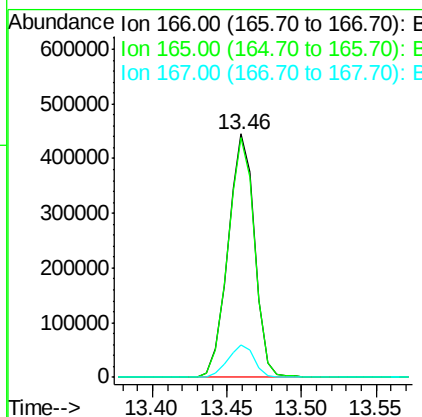
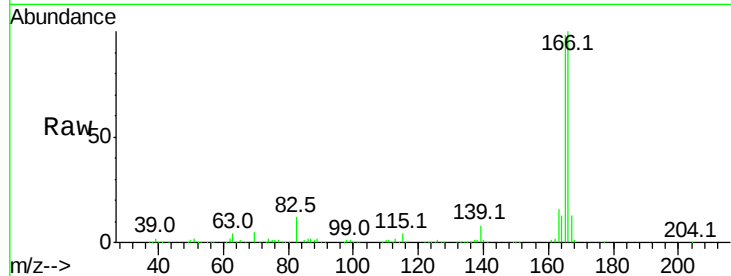




#57
 Fluorene
 Concen: 43.62 ng
 RT: 13.46 min Scan# 1959
 Delta R.T. -0.02 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

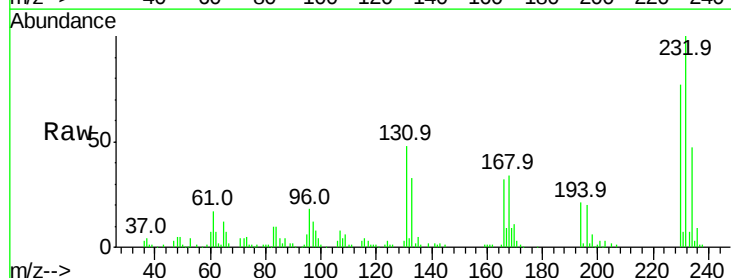
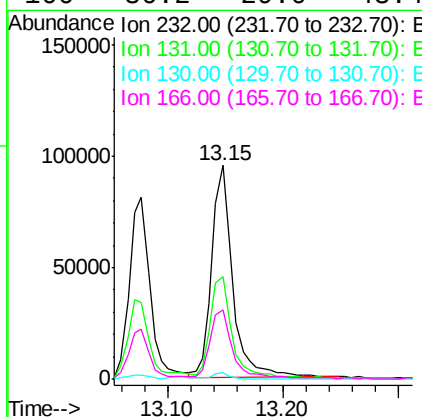
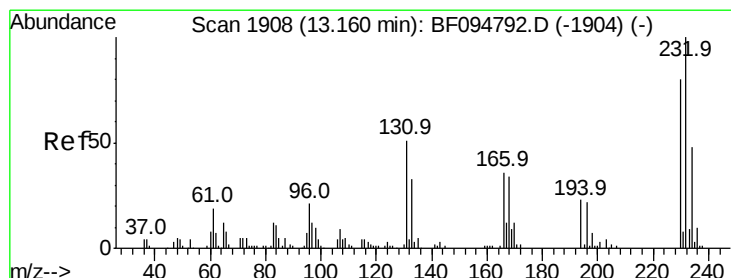
Instrument :
 BNA_F
 ClientSampleId :

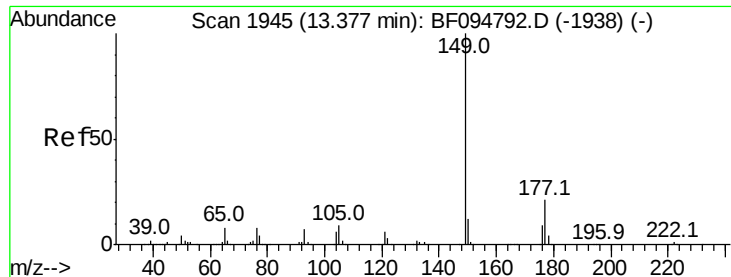
Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.8	118.2
167	13.2	10.6	16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 52.55 ng
 RT: 13.15 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Tgt Ion	Ratio	Lower	Upper
232	100		
131	48.9	44.8	67.2
130	2.3	2.3	3.5
166	36.2	29.0	43.4

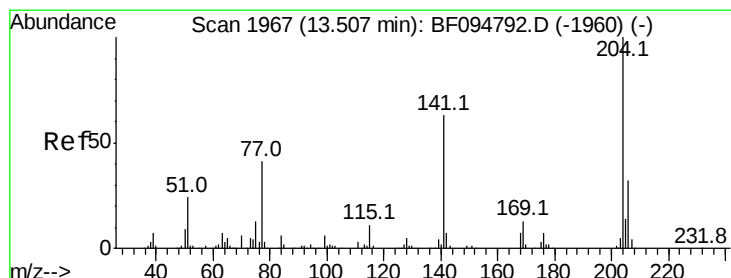
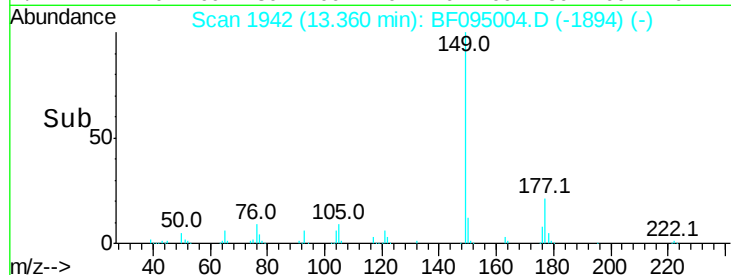
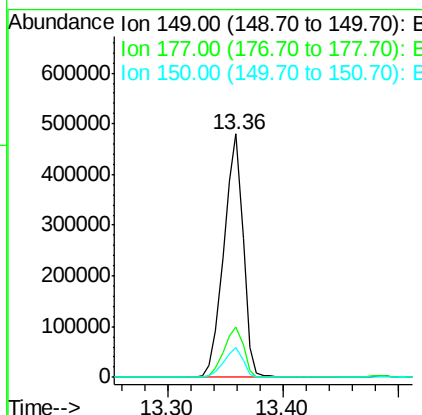
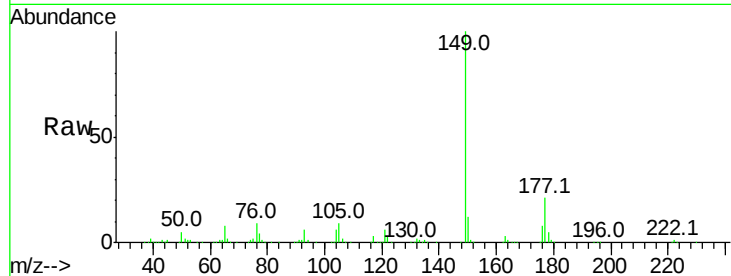




#59
Diethylphthalate
Concen: 42.46 ng
RT: 13.36 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

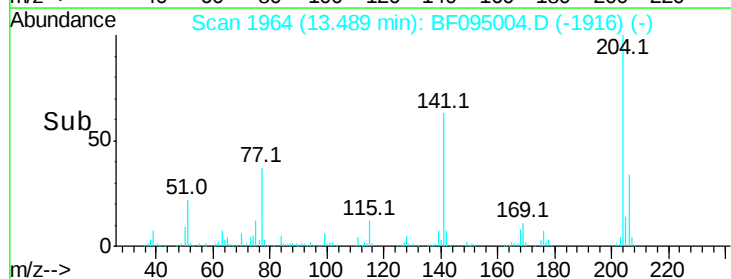
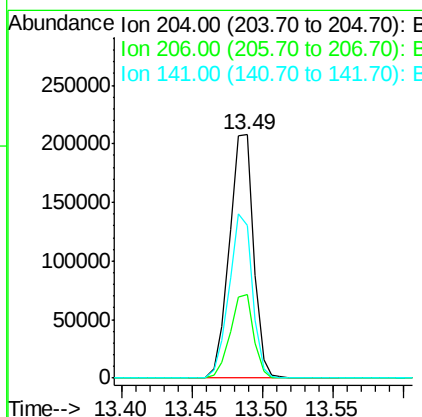
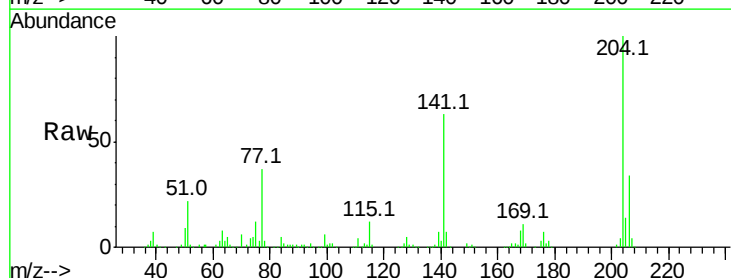
Instrument :
BNA_F
ClientSampleId :

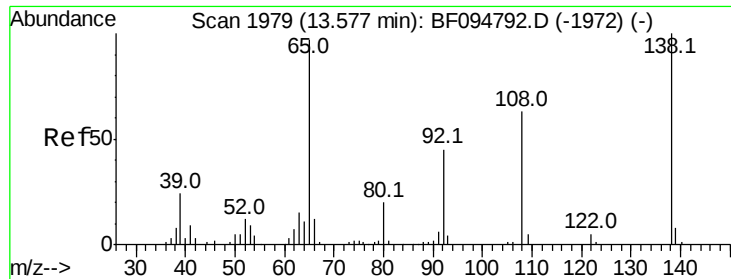
Tot Ion:149 Resp: 556709
Ion Ratio Lower Upper
149 100
177 20.6 16.7 25.1
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 44.39 ng
RT: 13.49 min Scan# 1964
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion:204 Resp: 248781
Ion Ratio Lower Upper
204 100
206 34.2 26.2 39.2
141 62.8 60.8 91.2

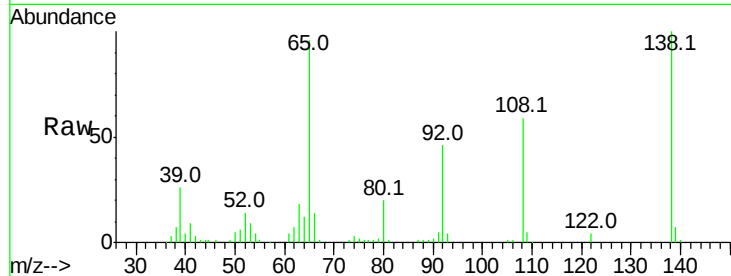




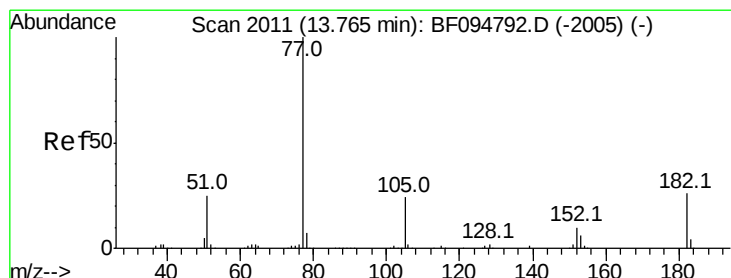
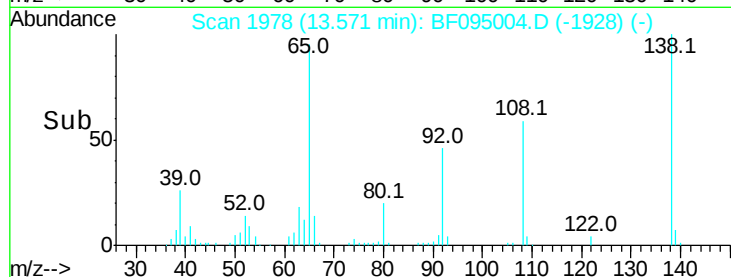
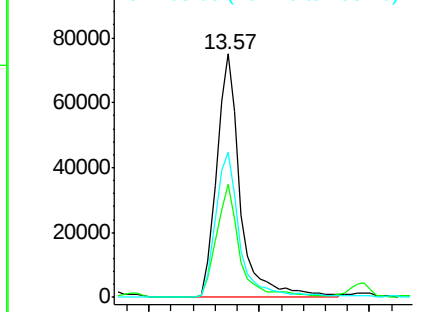
#61
4-Nitroaniline
Concen: 40.46 ng
RT: 13.57 min Scan# 1978
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 111252
Ion Ratio Lower Upper
138 100
92 46.4 21.8 61.8
108 59.3 42.3 82.3

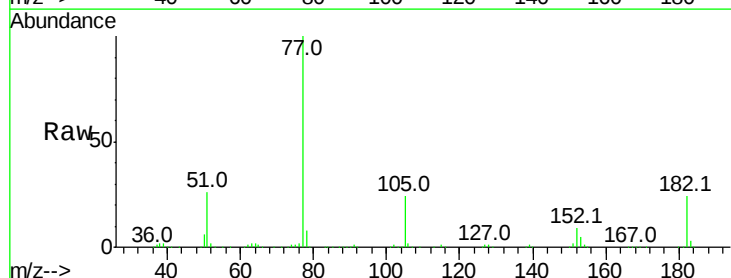


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

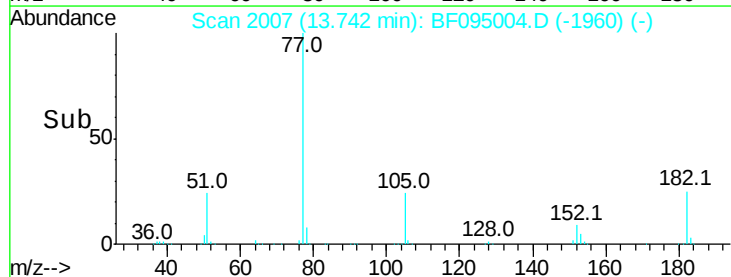
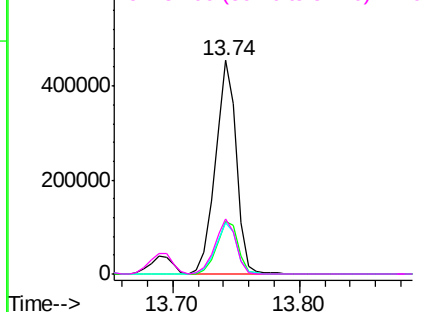


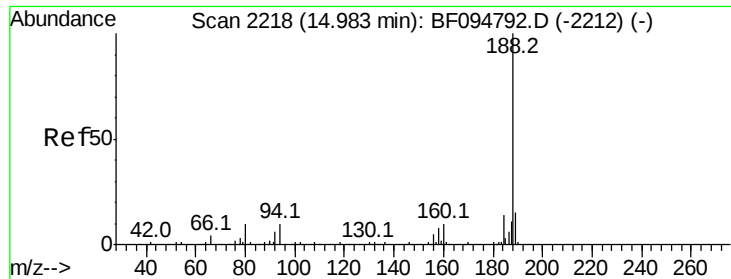
#62
Azobenzene
Concen: 49.61 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion: 77 Resp: 522617
Ion Ratio Lower Upper
77 100
182 24.5 0.1 40.1
105 23.7 3.6 43.6
51 25.6 9.4 49.4



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.97 min Scan# 2215

Delta R.T. -0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

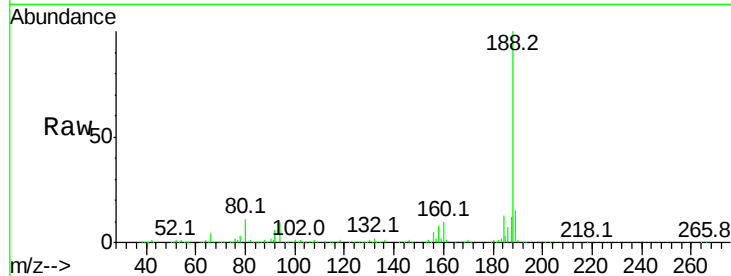
Tot Ion:188 Resp: 272237

Ion Ratio Lower Upper

188 100

94 10.3 9.4 14.2

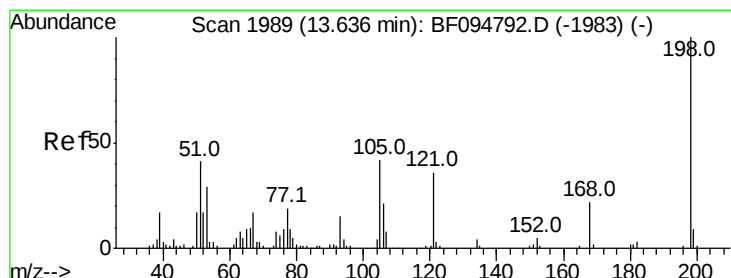
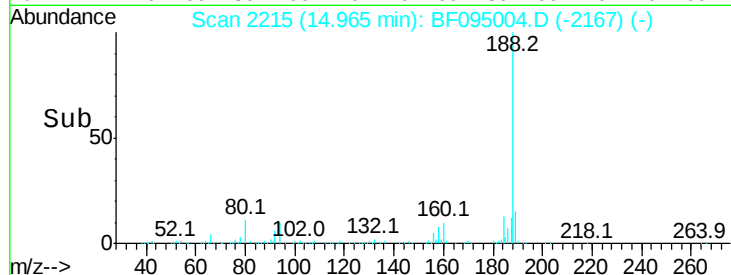
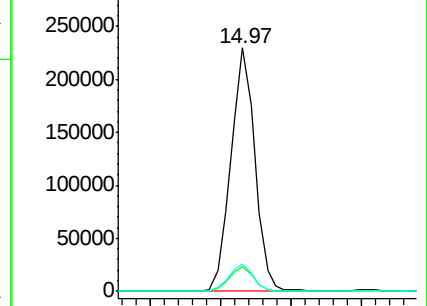
80 11.2 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#64

4,6-Dinitro-2-methylphenol

Concen: 20.67 ng

RT: 13.63 min Scan# 1988

Delta R.T. -0.01 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

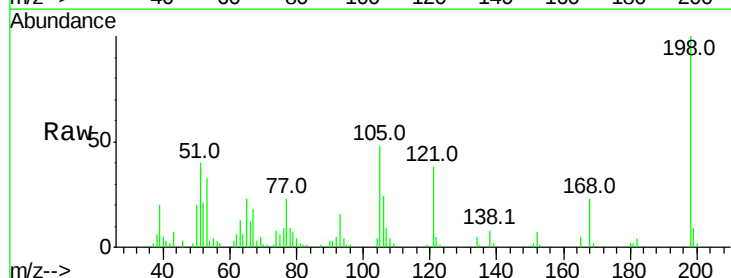
Tgt Ion:198 Resp: 37724

Ion Ratio Lower Upper

198 100

51 40.5 53.2 93.2#

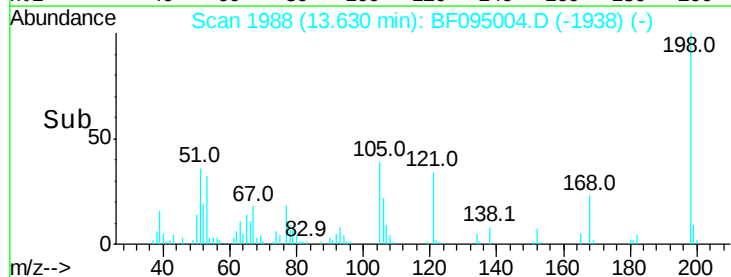
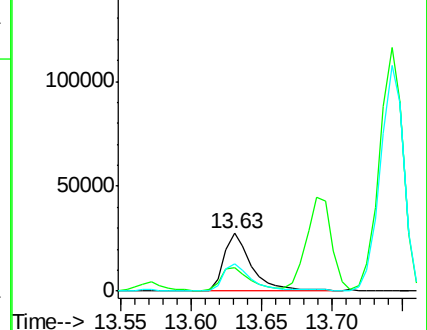
105 47.9 45.8 85.8



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 47.32 ng

RT: 13.69 min Scan# 1999

Delta R.T. -0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

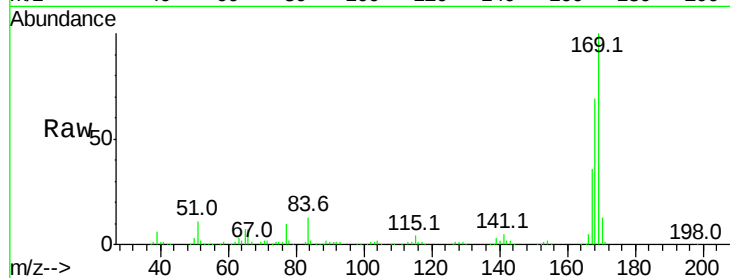
Tot Ion:169 Resp: 467515

Ion Ratio Lower Upper

169 100

168 68.6 53.2 79.8

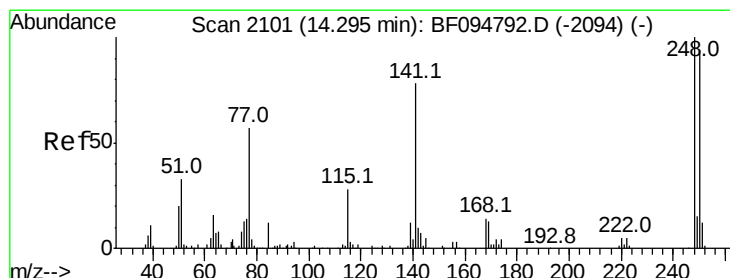
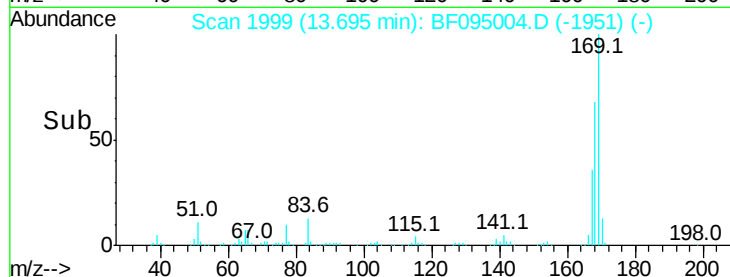
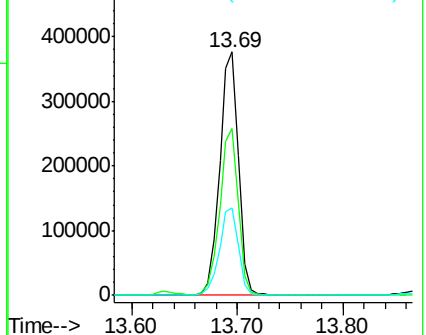
167 36.1 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 46.07 ng

RT: 14.27 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

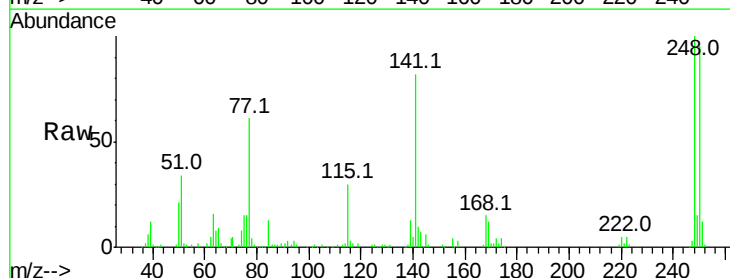
Tgt Ion:248 Resp: 132498

Ion Ratio Lower Upper

248 100

250 95.1 76.8 115.2

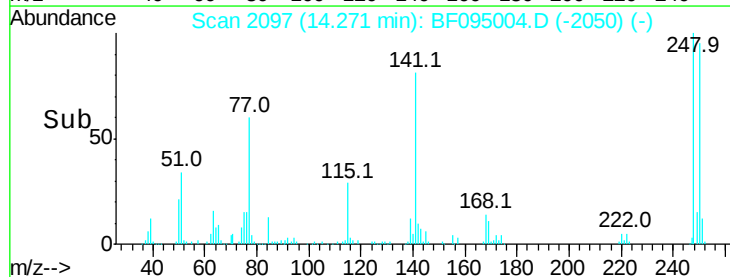
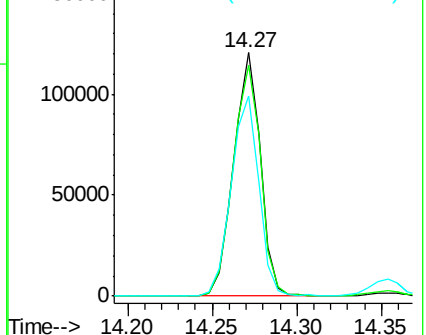
141 82.0 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

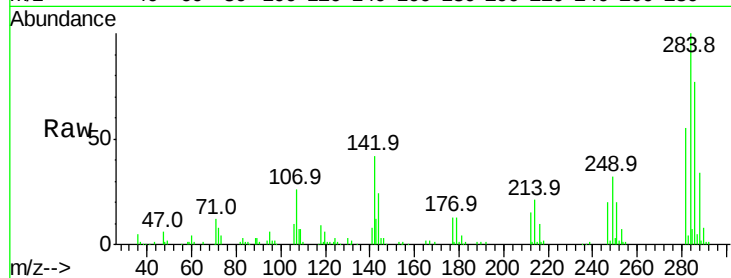




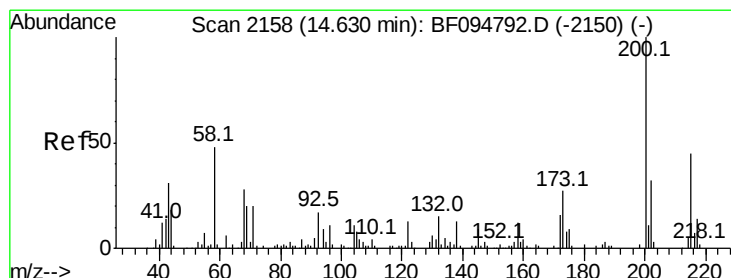
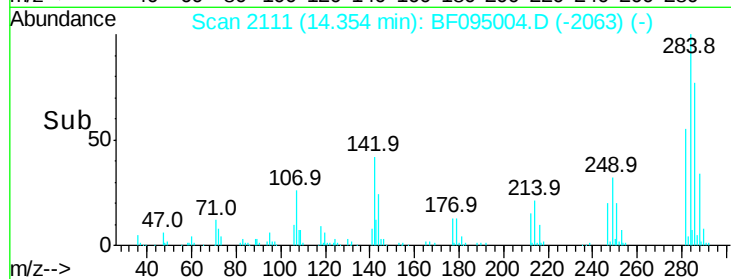
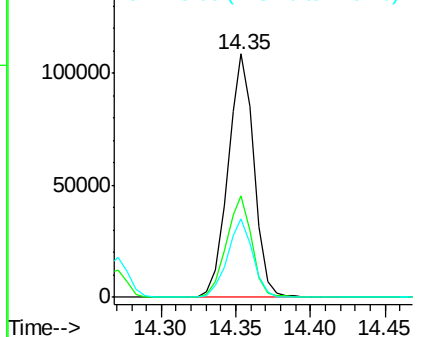
#67
Hexachlorobenzene
Concen: 44.93 ng
RT: 14.35 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	41.8	22.8	34.2
249	32.4	24.0	36.0

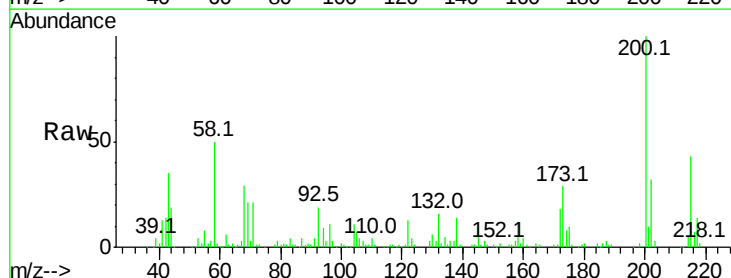


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

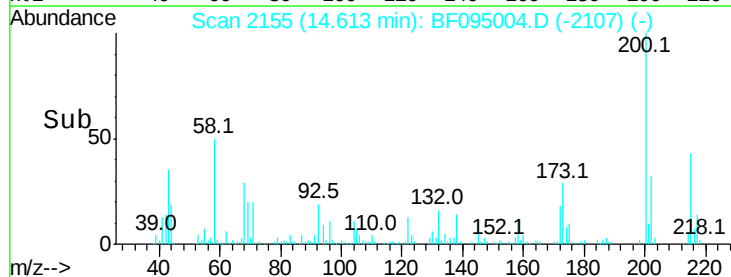
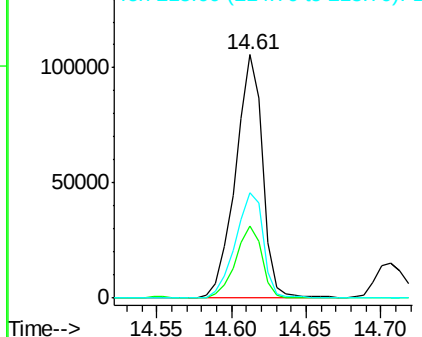


#68
Atrazine
Concen: 48.15 ng
RT: 14.61 min Scan# 2155
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.5	6.3	46.3
215	43.5	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

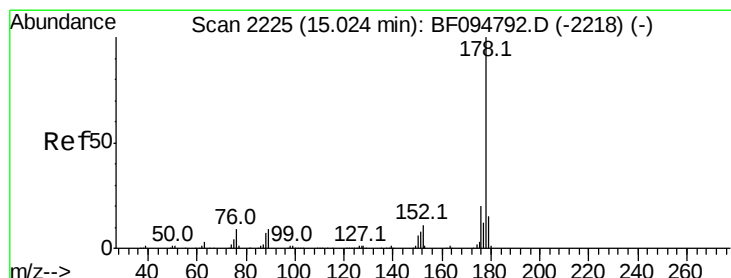
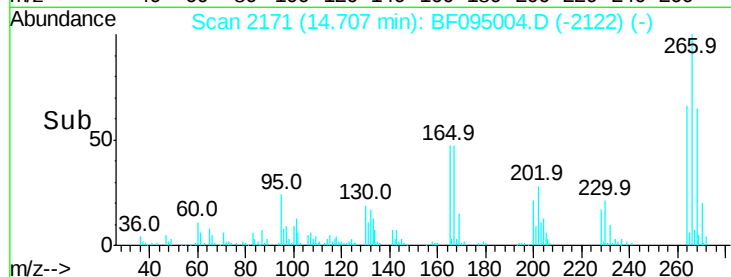
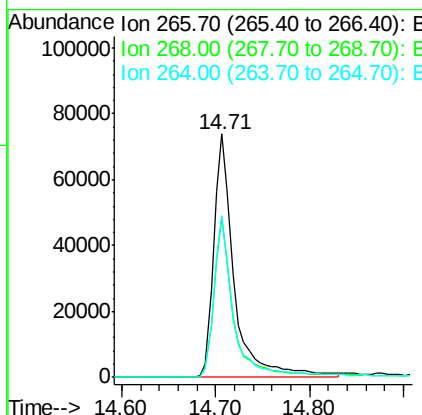
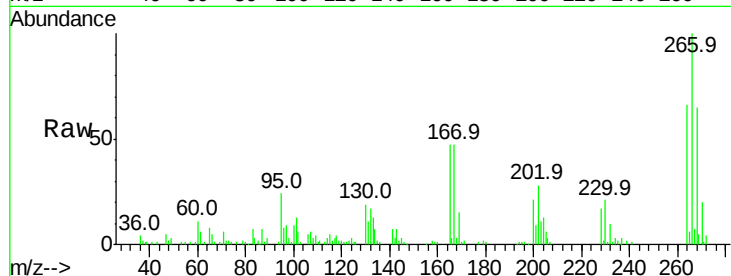




#69
 Pentachlorophenol
 Concen: 85.02 ng
 RT: 14.71 min Scan# 2171
 Delta R.T. -0.01 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

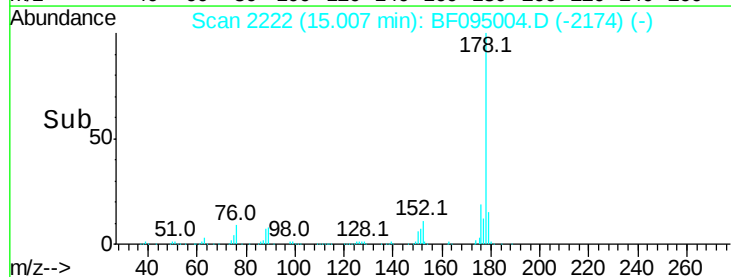
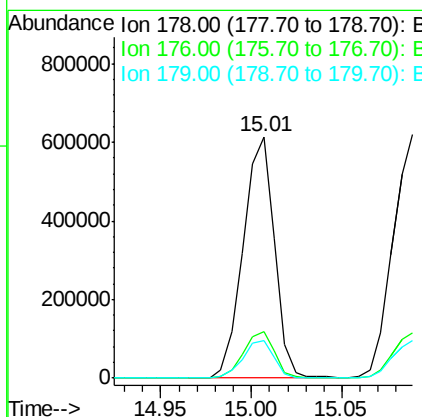
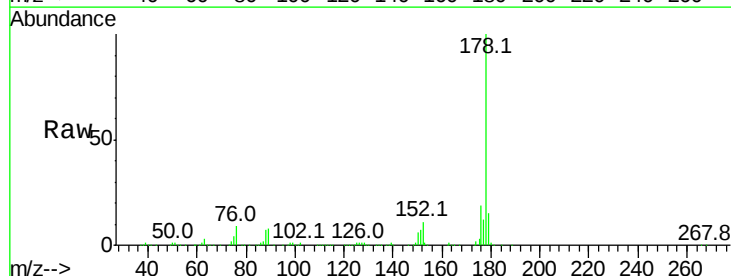
Instrument :
 BNA_F
 ClientSampled :

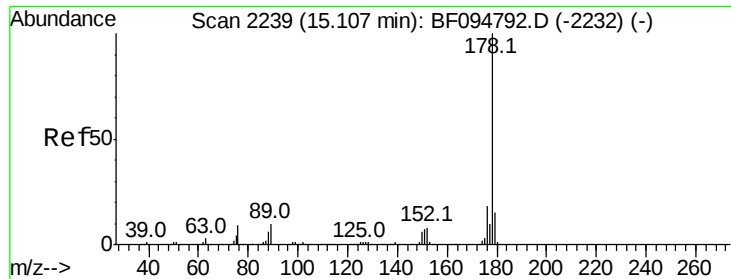
Tot Ion	Ratio	Lower	Upper
266	100		
268	65.2	51.1	76.7
264	66.3	51.7	77.5



#70
 Phenanthrene
 Concen: 47.10 ng
 RT: 15.01 min Scan# 2222
 Delta R.T. -0.02 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.4	12.6	19.0

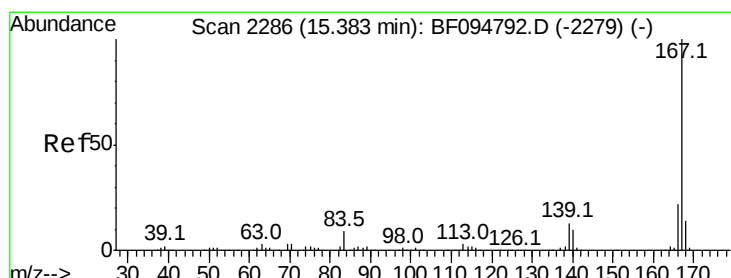
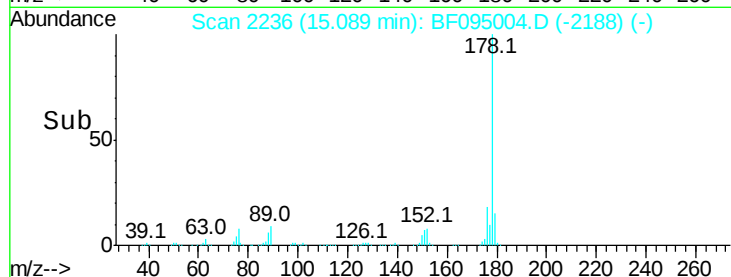
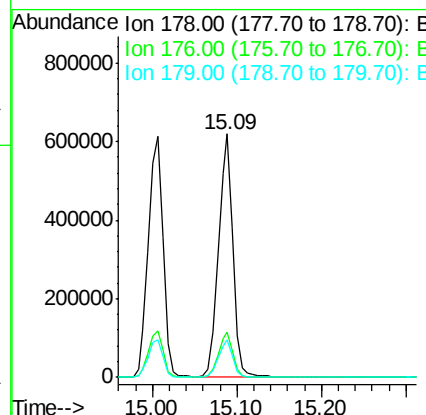
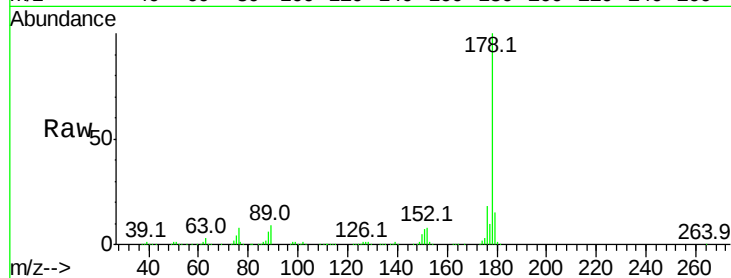




#71
 Anthracene
 Concen: 47.29 ng
 RT: 15.09 min Scan# 2236
 Delta R.T. -0.02 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

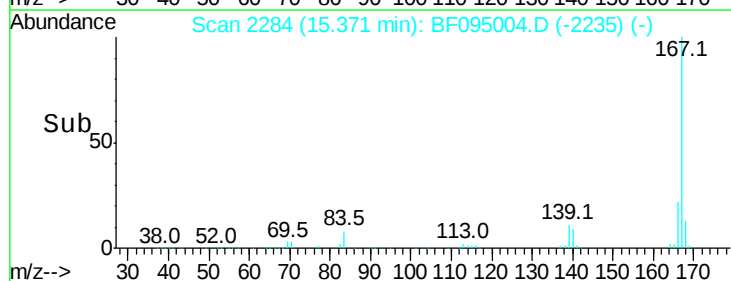
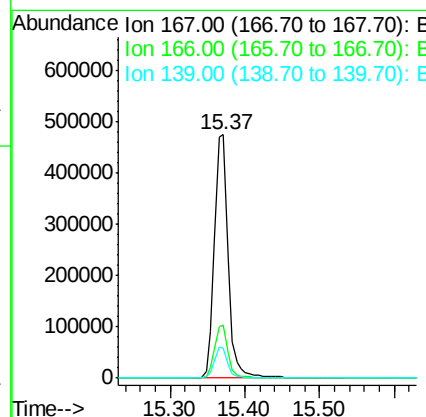
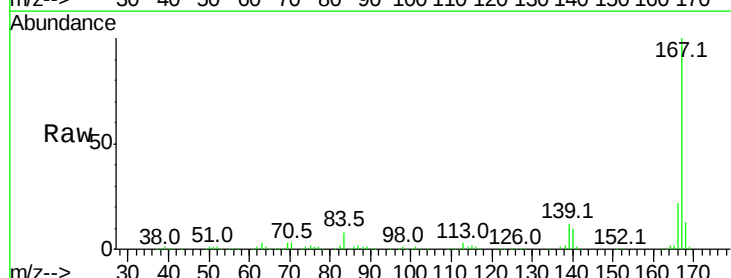
Instrument :
 BNA_F
 ClientSampleId :

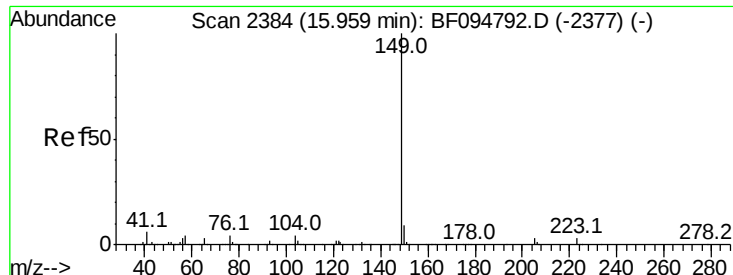
Tot Ion:178 Resp: 75521
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.4 12.7 19.1



#72
 Carbazole
 Concen: 41.94 ng
 RT: 15.37 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Tgt Ion:167 Resp: 609730
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 12.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 45.32 ng

RT: 15.94 min Scan# 2380

Delta R.T. -0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampled :

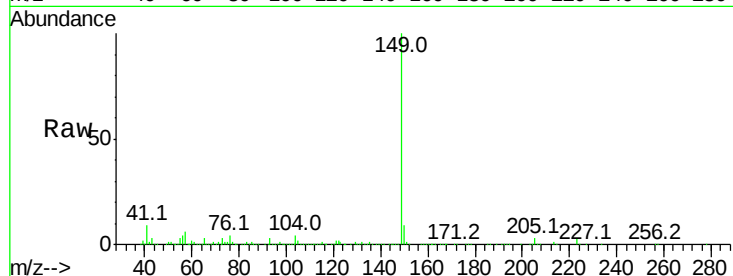
Tot Ion:149 Resp: 821621

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

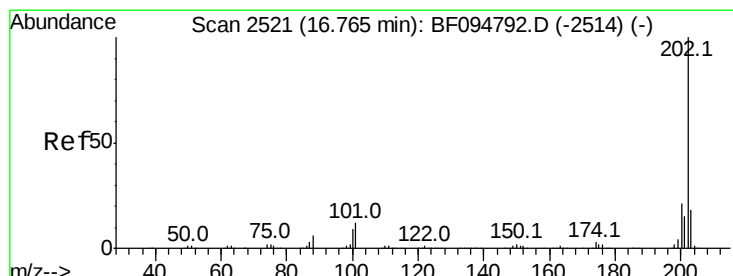
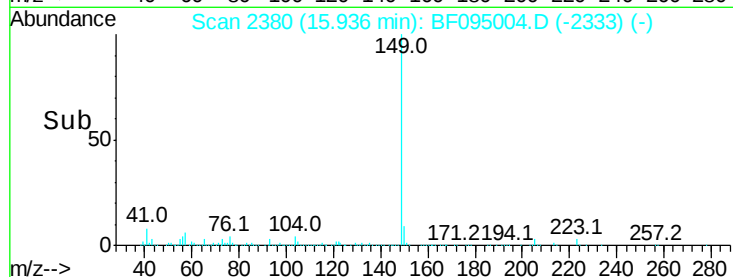
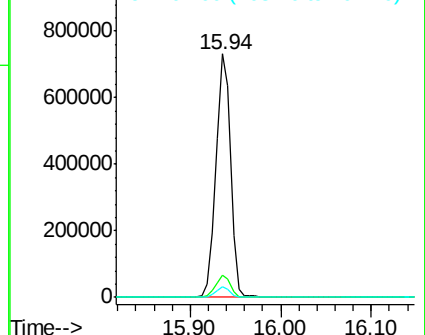
104 4.3 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 42.62 ng

RT: 16.75 min Scan# 2518

Delta R.T. -0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

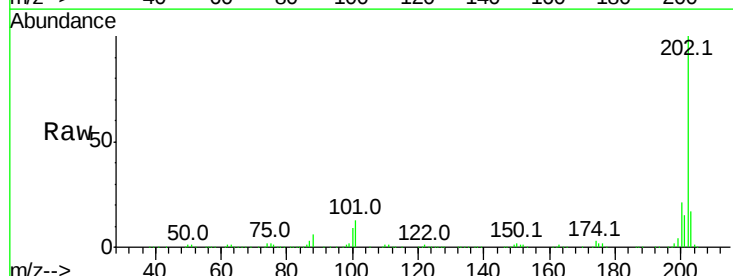
Tgt Ion:202 Resp: 683839

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

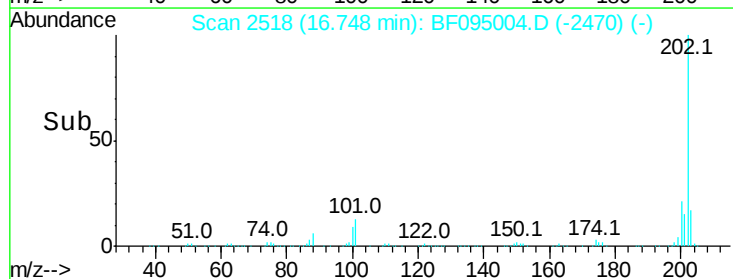
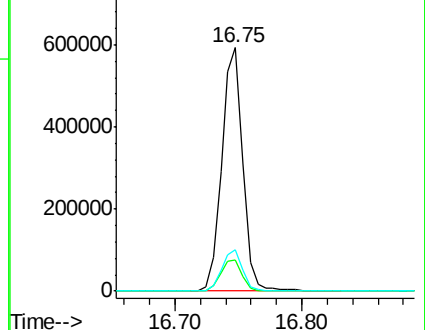
203 17.1 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2839

Delta R.T. -0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

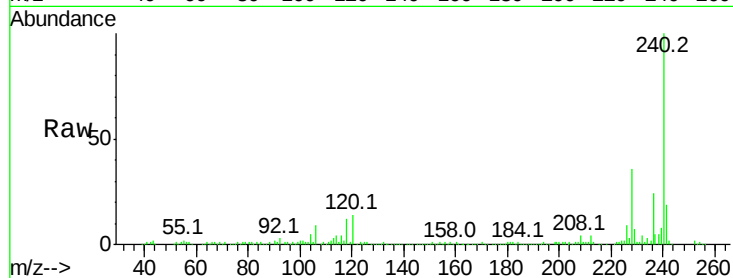
Tot Ion:240 Resp: 194852

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

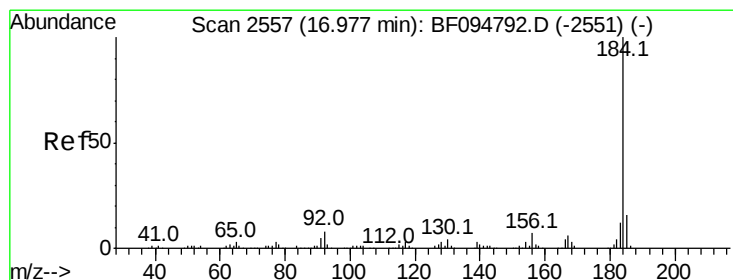
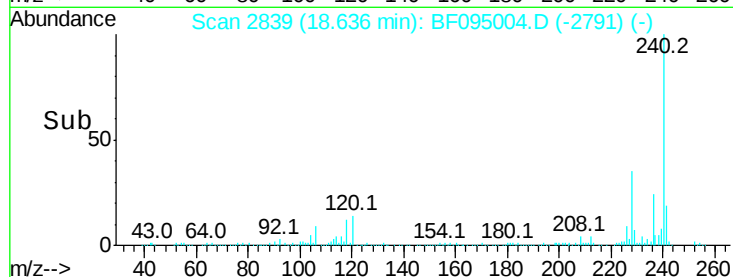
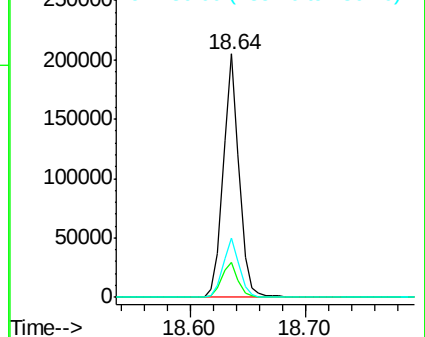
236 24.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 7.96 ng

RT: 16.99 min Scan# 2560

Delta R.T. 0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

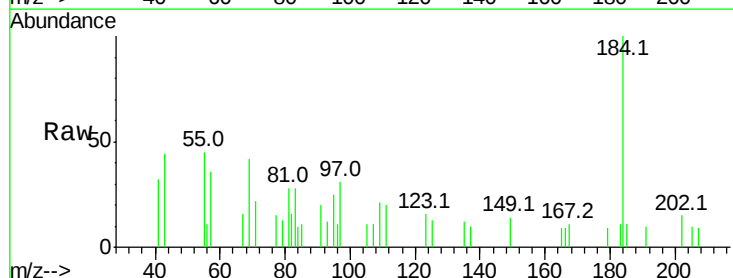
Tgt Ion:184 Resp: 8373

Ion Ratio Lower Upper

184 100

185 11.4 15.5 23.3#

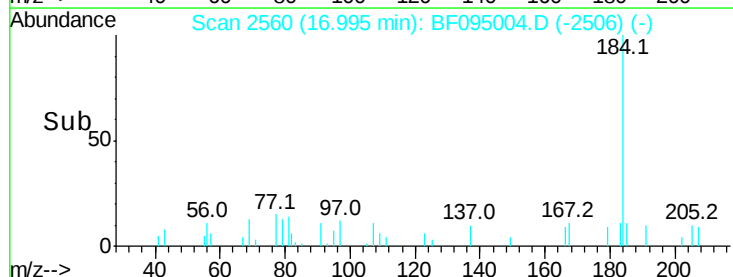
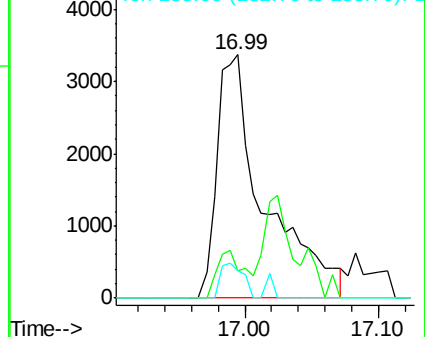
183 11.3 9.8 14.6

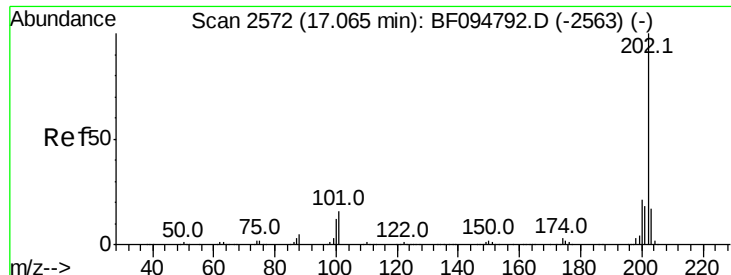


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 47.30 ng

RT: 17.05 min Scan# 2569

Delta R.T. -0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

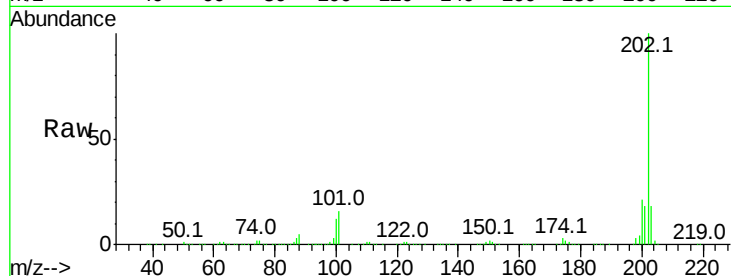
Tot Ion:202 Resp: 689320

Ion Ratio Lower Upper

202 100

200 21.3 17.6 26.4

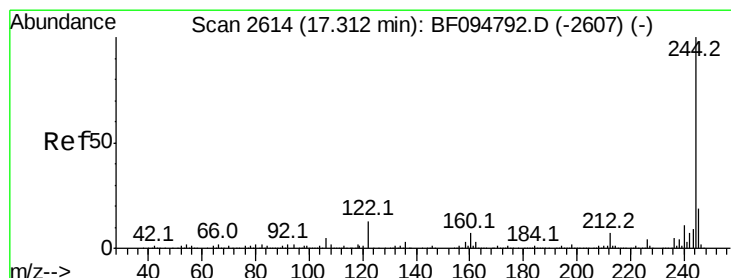
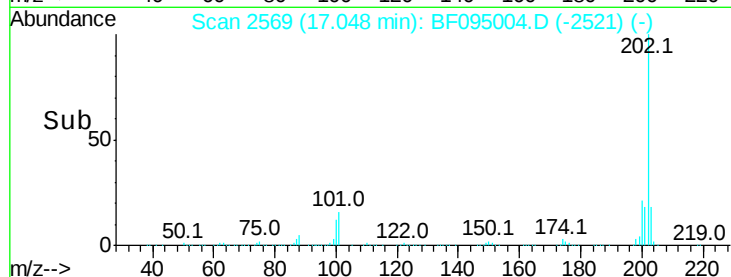
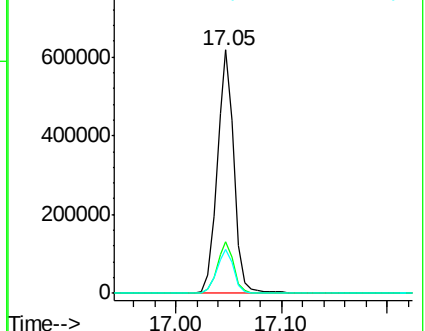
203 17.9 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 90.54 ng

RT: 17.29 min Scan# 2611

Delta R.T. -0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

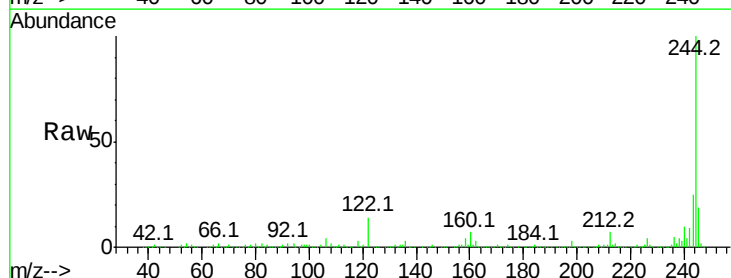
Tgt Ion:244 Resp: 801011

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

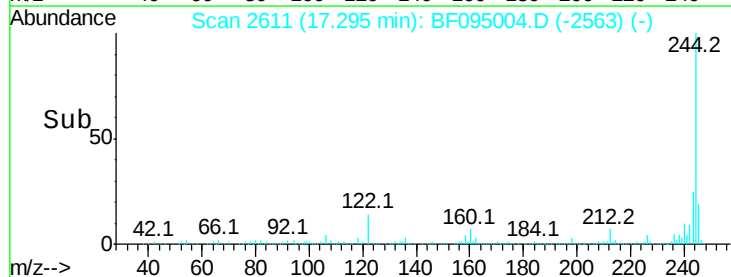
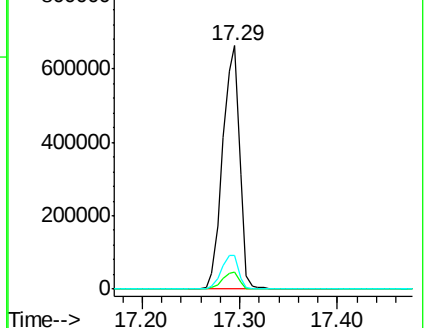
122 13.6 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

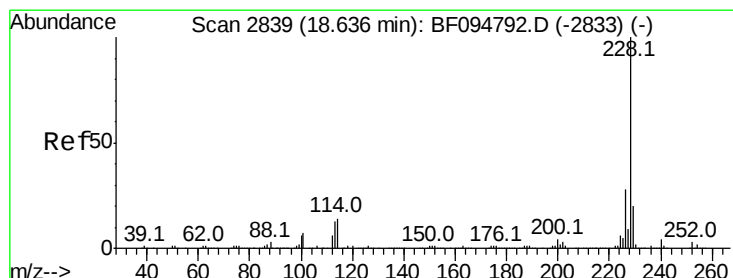
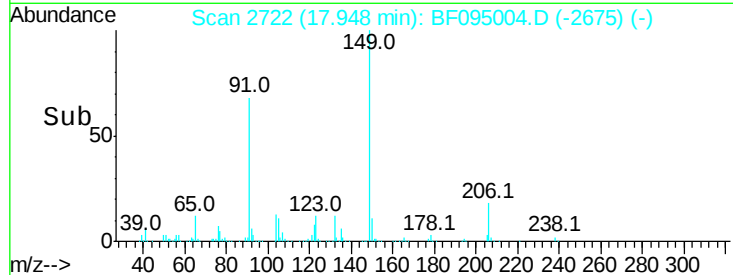
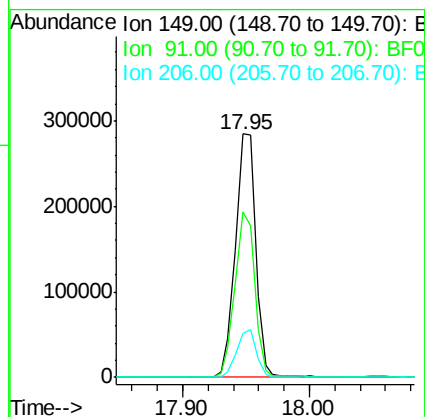
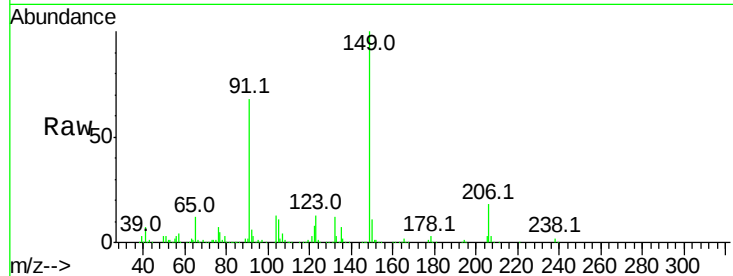




#79
Butylbenzylphthalate
Concen: 46.26 ng
RT: 17.95 min Scan# 2722
Delta R.T. -0.02 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

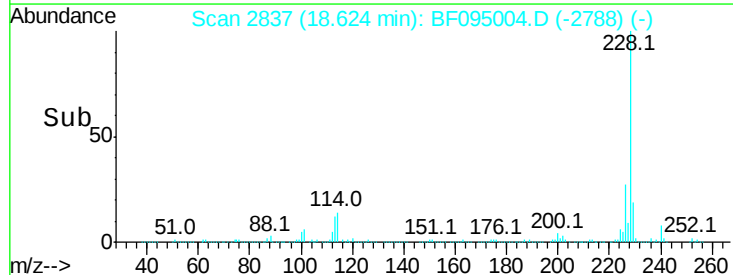
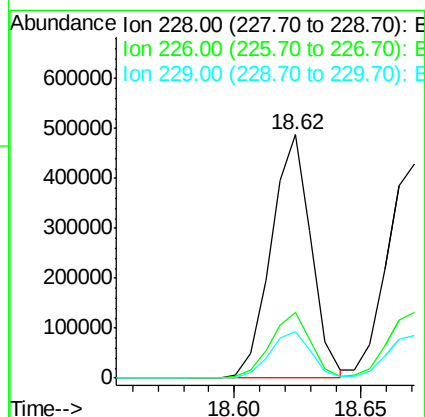
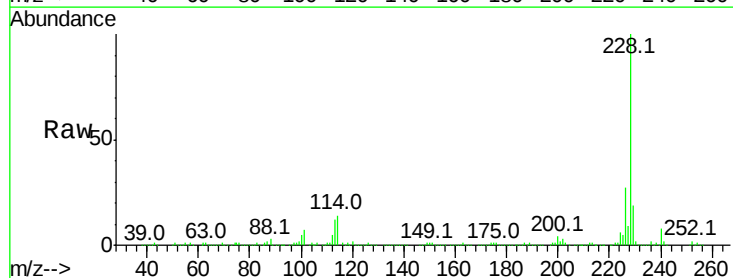
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	68.2	45.0	67.4#
206	17.9	17.0	25.6



#80
Benzo(a)anthracene
Concen: 47.20 ng
RT: 18.62 min Scan# 2837
Delta R.T. -0.01 min
Lab File: BF095004.D
Acq: 9 May 2017 4:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.6	33.8
229	19.3	16.3	24.5

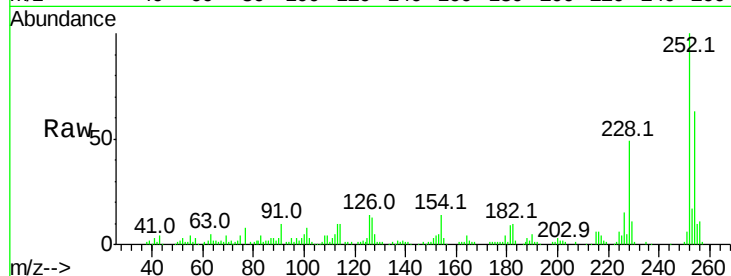




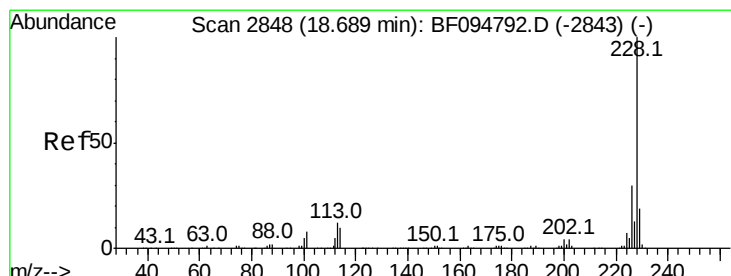
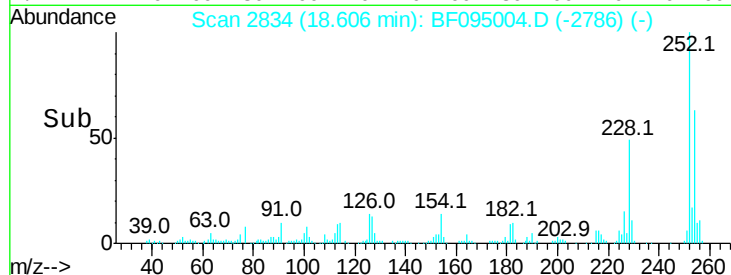
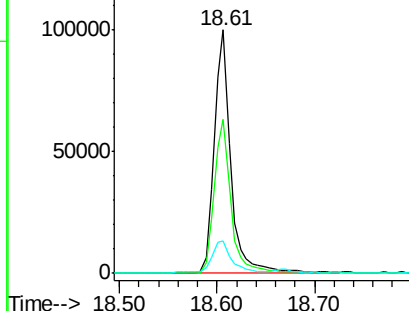
#81
 3,3'-Dichlorobenzidine
 Concen: 30.11 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	63.2	51.5	77.3
126	13.5	15.8	23.8#

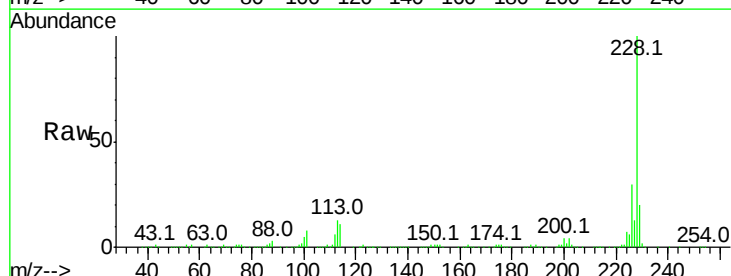


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

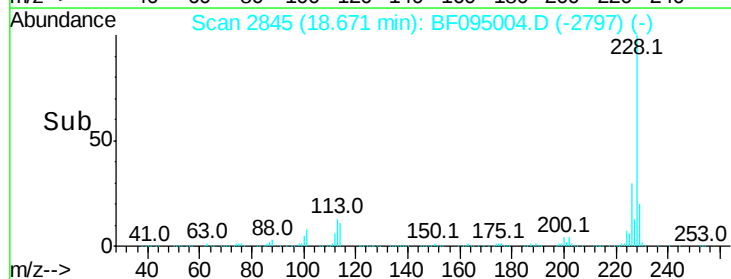
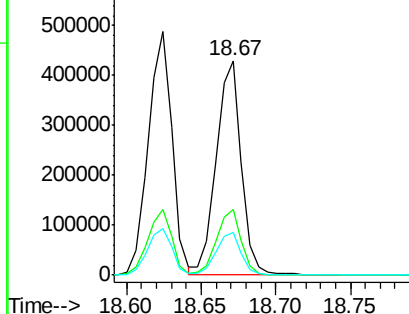


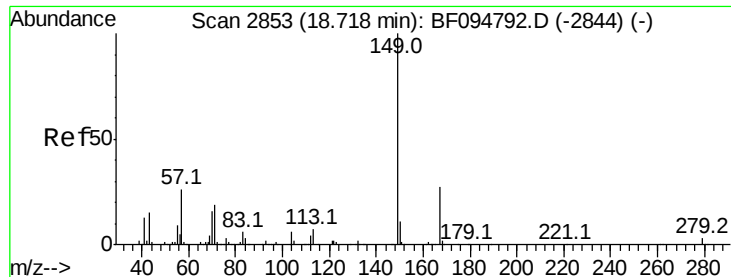
#82
 Chrysene
 Concen: 46.04 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.9	37.3
229	19.7	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

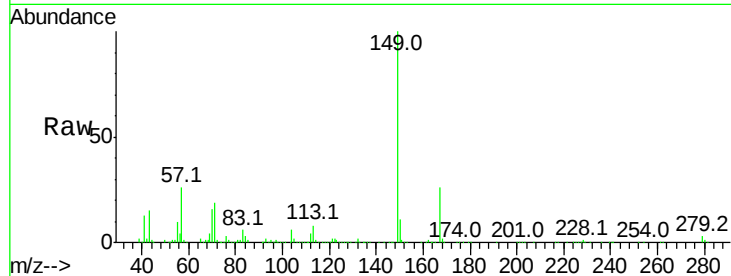




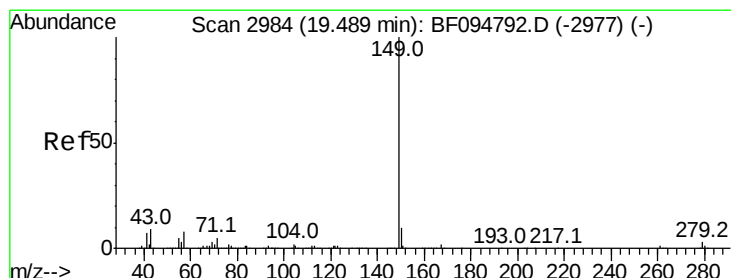
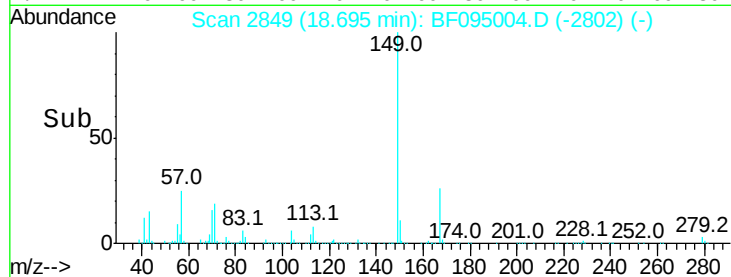
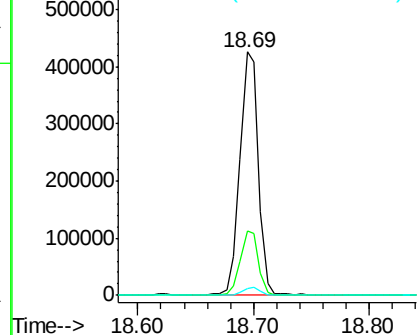
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.60 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 469372
 Ion Ratio Lower Upper
 149 100
 167 26.3 21.0 31.4
 279 2.9 1.9 2.9#

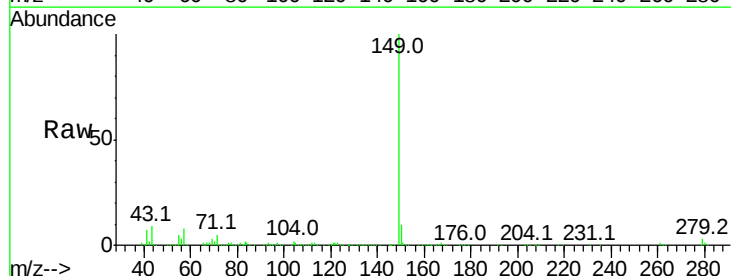


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

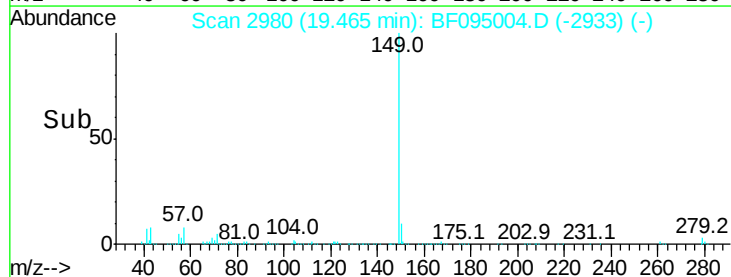
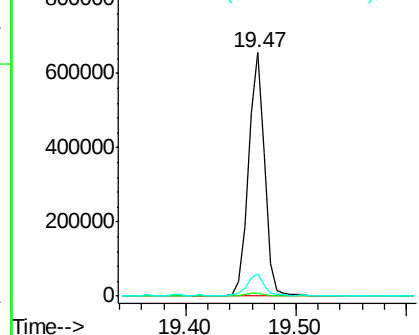


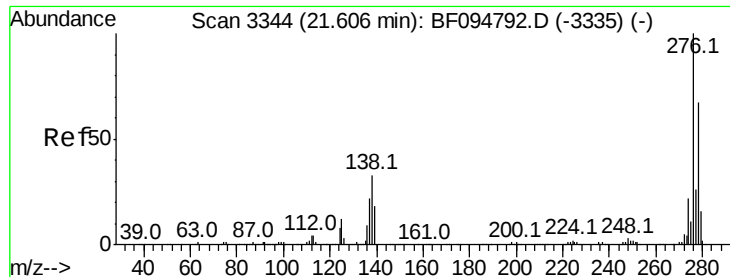
#84
 Di-n-octyl phthalate
 Concen: 42.18 ng
 RT: 19.47 min Scan# 2980
 Delta R.T. -0.02 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Tgt Ion:149 Resp: 667910
 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

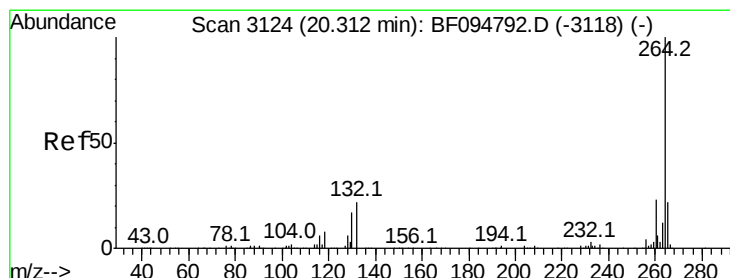
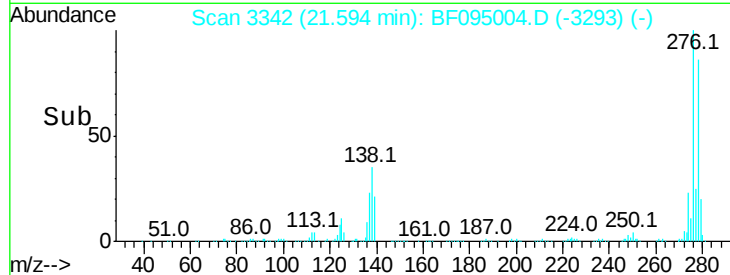
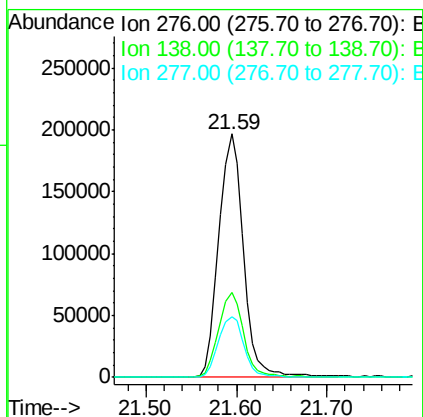
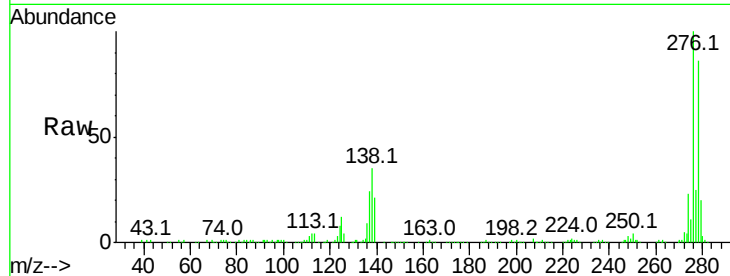




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 41.94 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

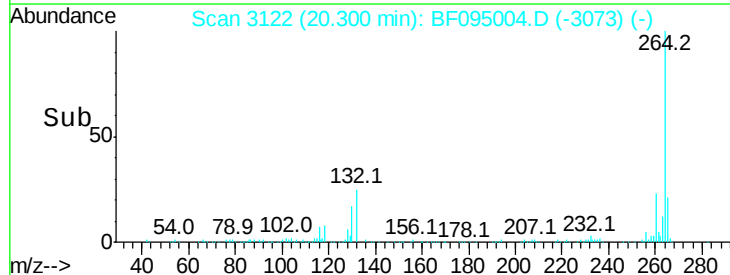
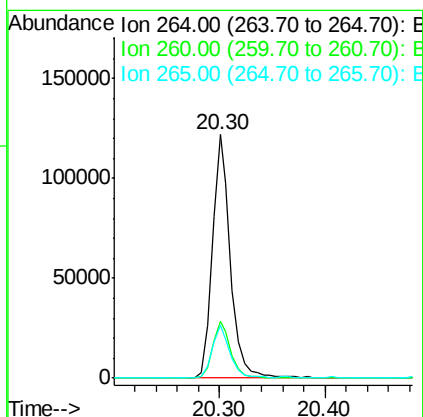
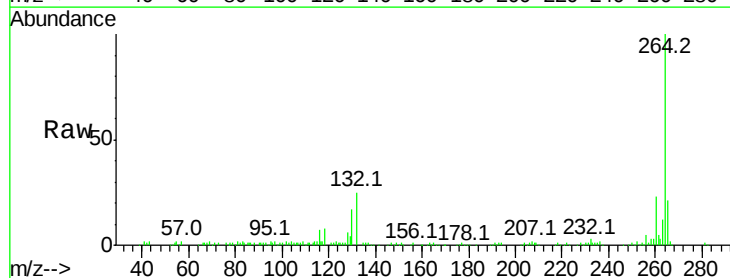
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.8	41.6
277	26.0	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF095004.D
 Acq: 9 May 2017 4:06

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.5	29.3
265	21.5	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 46.35 ng

RT: 19.89 min Scan# 3053

Delta R.T. -0.02 min

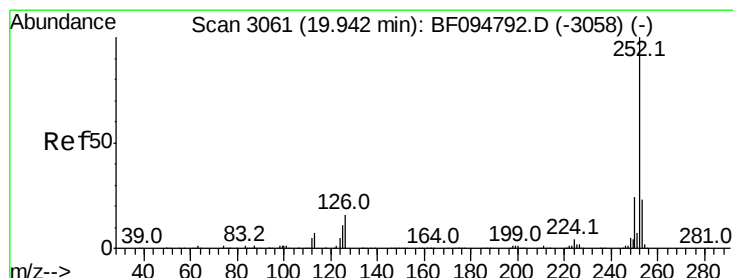
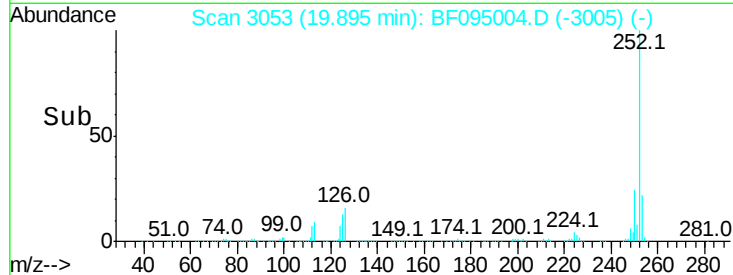
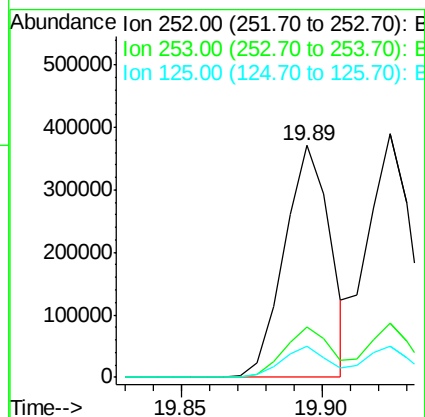
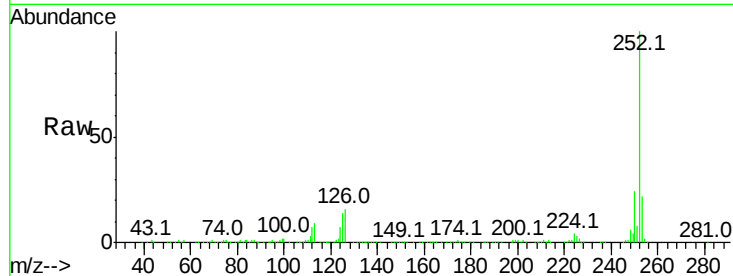
Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 418851

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	13.5	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 48.05 ng

RT: 19.89 min Scan# 3053

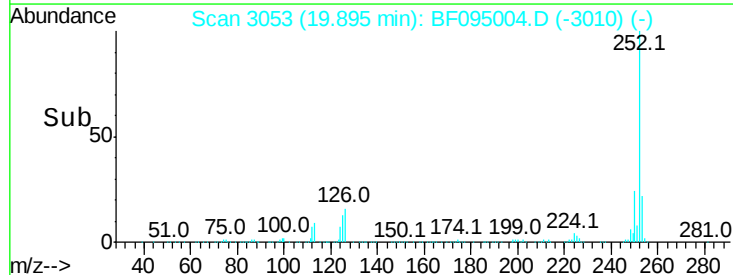
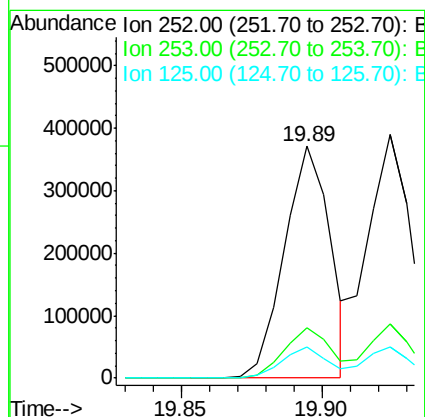
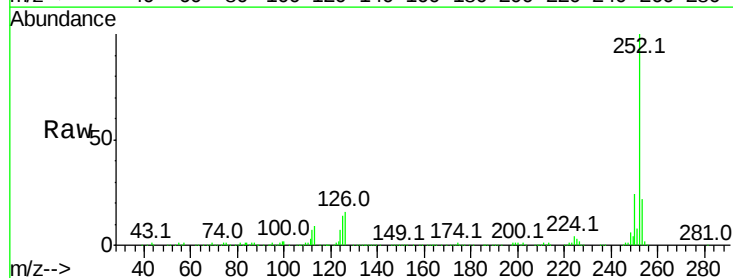
Delta R.T. -0.05 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Tgt Ion:252 Resp: 418851

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.4	27.6
125	13.5	13.1	19.7





#89

Benzo(a)pyrene

Concen: 46.25 ng

RT: 20.25 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

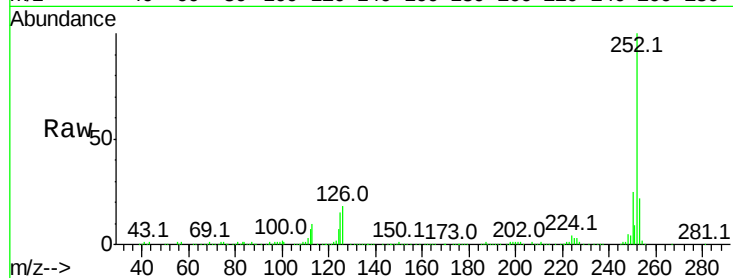
Tot Ion:252 Resp: 385673

Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

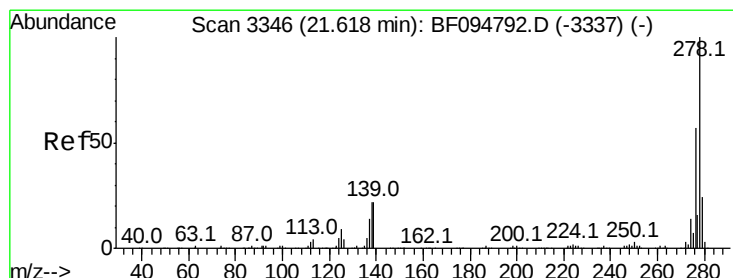
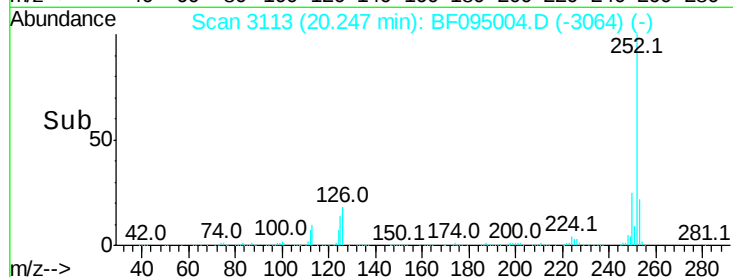
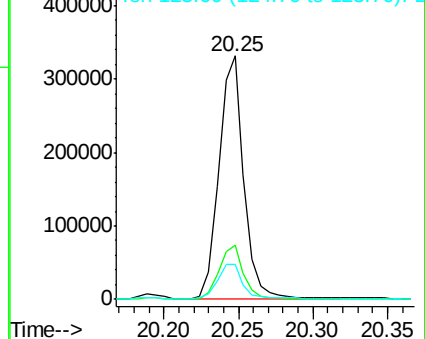
125 14.5 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 46.27 ng

RT: 21.60 min Scan# 3343

Delta R.T. -0.02 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

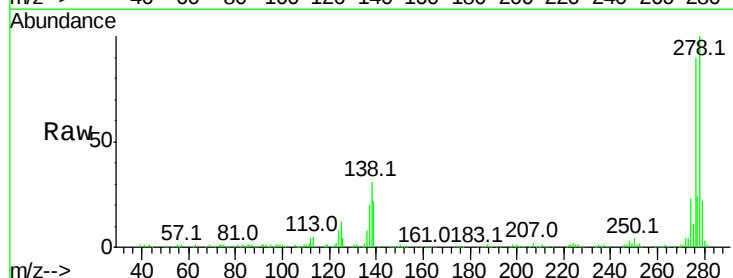
Tgt Ion:278 Resp: 318642

Ion Ratio Lower Upper

278 100

139 22.2 16.6 24.8

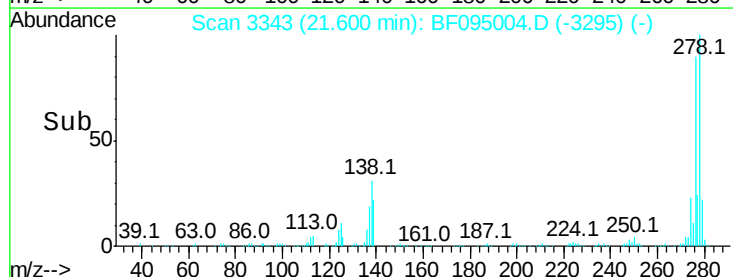
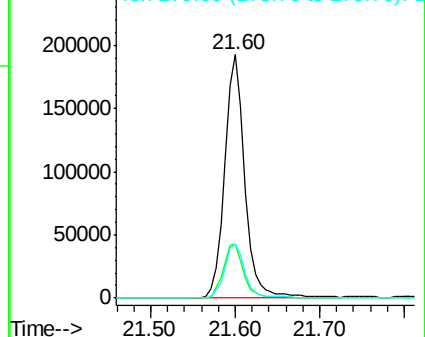
279 22.5 19.3 28.9

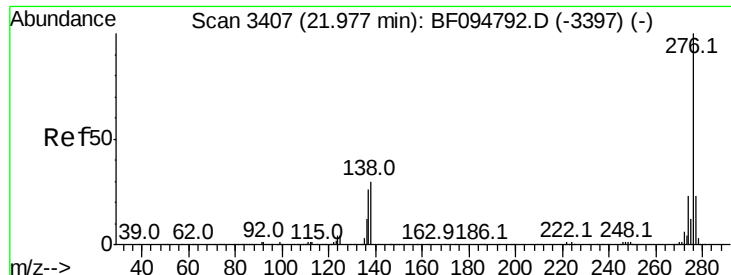


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 47.77 ng

RT: 21.96 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BF095004.D

Acq: 9 May 2017 4:06

Instrument :

BNA_F

ClientSampleId :

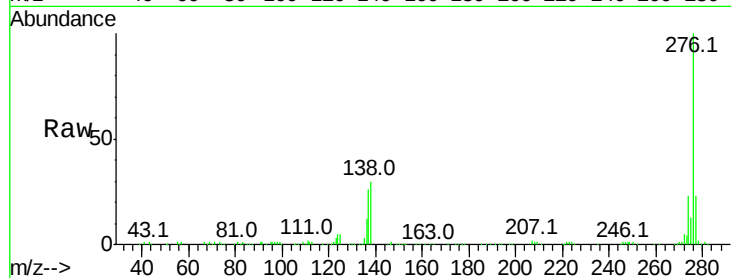
Tot Ion:276 Resp: 322827

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 30.2 25.4 38.0



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

