

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095503.D
 Acq On : 27 May 2017 18:32
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 29 01:15:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	90453	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	375403	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	172403	20.00	ng	0.00
63) Phenanthrene-d10	14.99	188	282182	20.00	ng	0.00
75) Chrysene-d12	18.67	240	251131	20.00	ng	0.00
86) Perylene-d12	20.36	264	184277	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	428394	78.96	ng	0.00
7) Phenol-d6	7.28	99	520848	80.01	ng	-0.01
23) Nitrobenzene-d5	8.65	82	450420	75.66	ng	0.00
41) 2,4,6-Tribromophenol	13.89	330	115043	81.48	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	915037	76.39	ng	0.00
78) Terphenyl-d14	17.32	244	920159	80.70	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.17	88	97059	36.48	ng	94
3) Pyridine	2.87	79	235940	38.26	ng	97
4) n-Nitrosodimethylamine	2.80	42	67786	26.37	ng	95
6) Aniline	7.25	93	362369	44.09	ng	96
8) 2-Chlorophenol	7.44	128	262836	42.56	ng	94
9) Benzaldehyde	7.07	77	139449	35.08	ng	97
10) Phenol	7.31	94	308135	44.92	ng	94
11) bis(2-Chloroethyl)ether	7.37	93	228568	40.36	ng	97
12) 1,3-Dichlorobenzene	7.64	146	278438	39.75	ng	98
13) 1,4-Dichlorobenzene	7.77	146	294585	41.47	ng	97
14) 1,2-Dichlorobenzene	8.00	146	274689	41.43	ng	95
15) Benzyl Alcohol	8.04	79	164455	39.28	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.22	45	297010	37.06	ng	94
17) 2-Methylphenol	8.24	107	203343	40.24	ng	95
18) Hexachloroethane	8.51	117	96889	40.26	ng	# 84
19) n-Nitroso-di-n-propylamine	8.45	70	184628	41.94	ng	92
20) 3+4-Methylphenols	8.51	107	278090	40.50	ng	# 58
22) Acetophenone	8.42	105	359544	39.92	ng	# 83
24) Nitrobenzene	8.67	77	253798	40.67	ng	95
25) Isophorone	9.08	82	426580	40.13	ng	96
26) 2-Nitrophenol	9.18	139	138014	40.99	ng	98
27) 2,4-Dimethylphenol	9.32	122	222498	40.87	ng	97
28) bis(2-Chloroethoxy)methane	9.44	93	299770	40.76	ng	99
29) 2,4-Dichlorophenol	9.62	162	196679	38.26	ng	97
30) 1,2,4-Trichlorobenzene	9.68	180	219131	39.79	ng	100
31) Naphthalene	9.79	128	769866	40.80	ng	100
32) Benzoic acid	9.66	122	109319	32.43	ng	94
33) 4-Chloroaniline	9.94	127	301817	42.92	ng	# 94
34) Hexachlorobutadiene	10.00	225	115706	39.82	ng	99
35) Caprolactam	10.63	113	19725	12.78	ng	90
36) 4-Chloro-3-methylphenol	10.80	107	234427	42.66	ng	91
37) 2-Methylnaphthalene	10.92	142	520384	42.02	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	206990	39.04	ng	99
40) Hexachlorocyclopentadiene	11.17	237	72923	36.30	ng	98

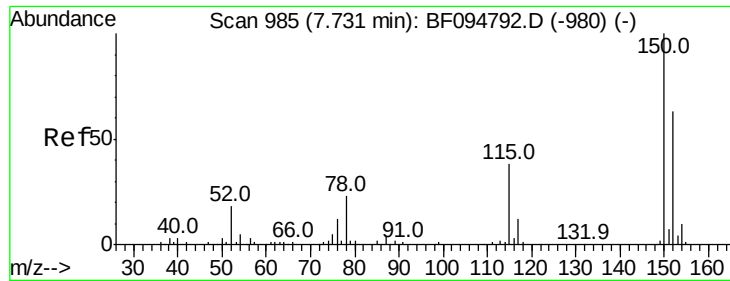
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052717\
 Data File : BF095503.D
 Acq On : 27 May 2017 18:32
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 29 01:15:17 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	138190	39.04	nq	98
43) 2,4,5-Trichlorophenol	11.54	196	131407	34.54	nq	96
45) 1,1'-Biphenyl	11.68	154	607396	41.84	nq	98
46) 2-Chloronaphthalene	11.70	162	479574	40.92	nq	95
47) 2-Nitroaniline	11.93	65	114100	35.57	nq	# 74
48) Acenaphthylene	12.36	152	722518	39.36	nq	98
49) Dimethylphthalate	12.24	163	524382	37.05	nq	98
50) 2,6-Dinitrotoluene	12.33	165	111483	38.61	nq	# 88
51) Acenaphthene	12.64	154	429797	39.20	nq	99
52) 3-Nitroaniline	12.61	138	130153	42.00	nq	90
53) 2,4-Dinitrophenol	12.86	184	38844	28.76	nq	# 64
54) Dibenzofuran	12.93	168	620003	40.86	nq	99
55) 4-Nitrophenol	13.06	139	20918	11.24	nq	# 67
56) 2,4-Dinitrotoluene	13.01	165	157219	42.37	nq	93
57) Fluorene	13.49	166	471382	35.73	nq	98
58) 2,3,4,6-Tetrachlorophenol	13.18	232	97869	40.87	nq	# 90
59) Diethylphthalate	13.38	149	485809	35.81	nq	99
60) 4-Chlorophenyl-phenylether	13.51	204	209956	36.21	nq	89
61) 4-Nitroaniline	13.62	138	100293	35.25	nq	91
62) Azobenzene	13.77	77	443602	40.69	nq	93
64) 4,6-Dinitro-2-methylphenol	13.69	198	77154	40.79	nq	# 74
65) n-Nitrosodiphenylamine	13.71	169	448370	43.78	nq	98
66) 4-Bromophenyl-phenylether	14.29	248	110111	36.93	nq	94
67) Hexachlorobenzene	14.38	284	111484	36.49	nq	# 84
68) Atrazine	14.64	200	108724	37.60	nq	96
69) Pentachlorophenol	14.76	266	40553	33.07	nq	97
70) Phenanthrene	15.04	178	682609	42.10	nq	99
71) Anthracene	15.12	178	741673	44.78	nq	98
72) Carbazole	15.41	167	672209	44.61	nq	97
73) Di-n-butylphthalate	15.96	149	873419	46.48	nq	# 98
74) Fluoranthene	16.78	202	729396	43.86	nq	98
76) Benzidine	17.01	184	338977	49.65	nq	# 92
77) Pyrene	17.08	202	725500	38.63	nq	98
79) Butylbenzylphthalate	17.97	149	358913	41.08	nq	# 84
80) Benzo(a)anthracene	18.66	228	554923	37.97	nq	99
81) 3,3'-Dichlorobenzidine	18.64	252	192722	38.18	nq	# 97
82) Chrysene	18.71	228	570214	40.35	nq	99
83) Bis(2-ethylhexyl)phthalate	18.72	149	472895	37.99	nq	# 98
84) Di-n-octyl phthalate	19.48	149	759816	37.23	nq	96
85) Indeno(1,2,3-cd)pyrene	21.68	276	356454	31.06	nq	99
87) Benzo(b)fluoranthene	19.94	252	436869	38.37	nq	97
88) Benzo(k)fluoranthene	19.97	252	503066	45.80	nq	96
89) Benzo(a)pyrene	20.29	252	421795	40.14	nq	97
90) Dibenzo(a,h)anthracene	21.68	278	306646	35.34	nq	96
91) Benzo(g,h,i)perylene	22.07	276	320800	37.67	nq	99

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

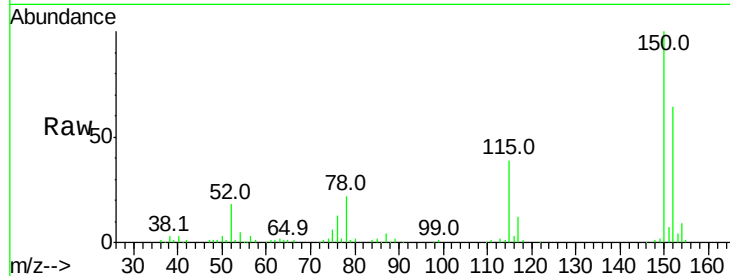


#1

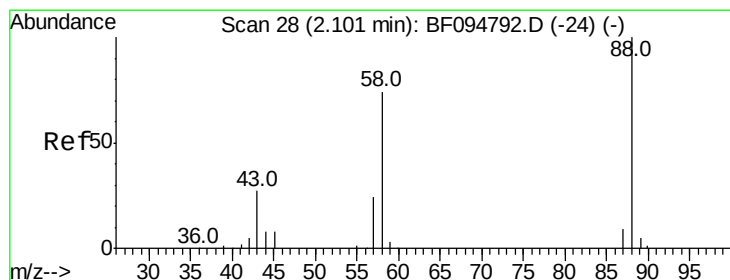
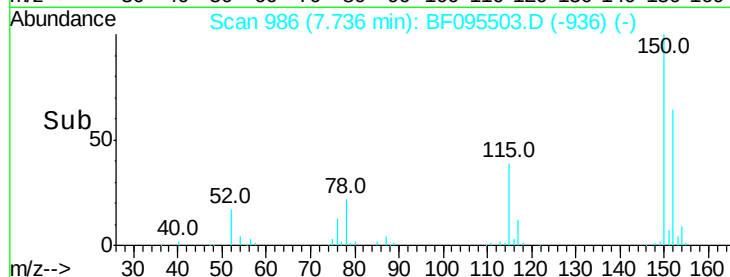
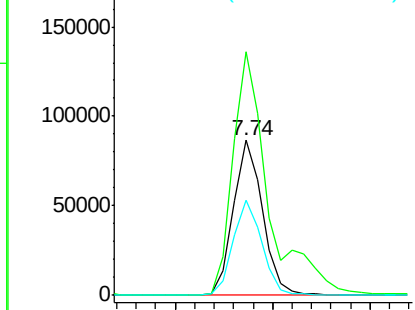
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 90453
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 61.5 52.2 78.2



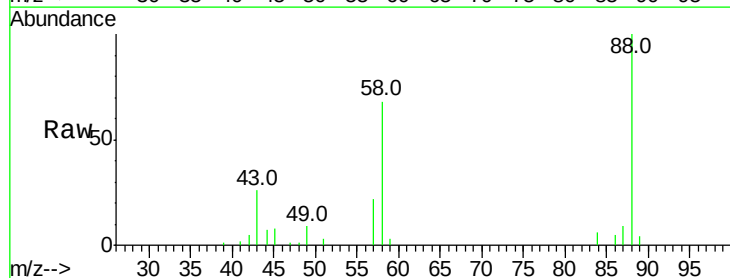
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



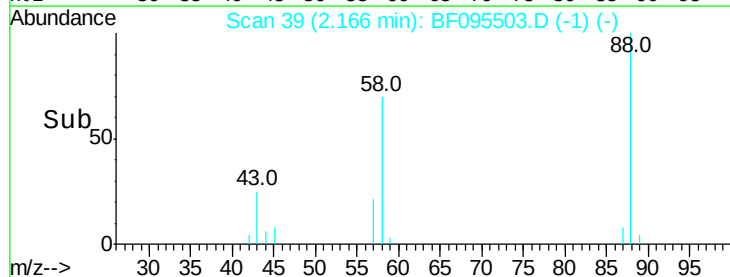
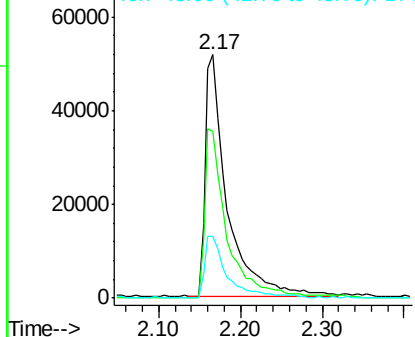
#2

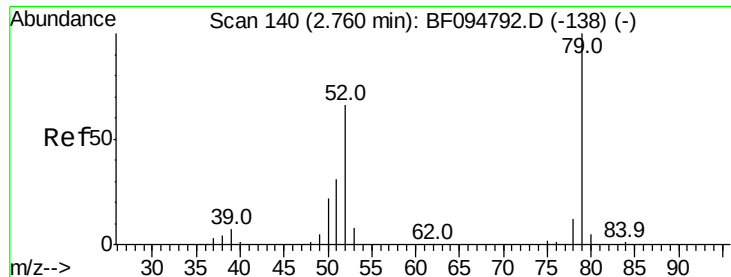
1,4-Dioxane
Concen: 36.48 ng
RT: 2.17 min Scan# 39
Delta R.T. -0.02 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

Tgt Ion: 88 Resp: 97059
Ion Ratio Lower Upper
88 100
58 71.7 61.4 92.0
43 26.5 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: 38.26 ng

RT: 2.87 min Scan# 159

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Instrument :

BNA_F

ClientSampled :

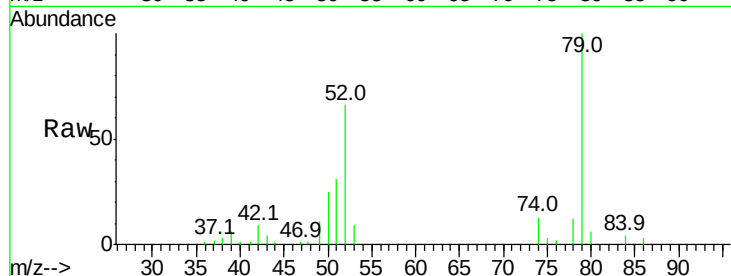
Tot Ion: 79 Resp: 235940

Ion Ratio Lower Upper

79 100

52 66.0 54.8 82.2

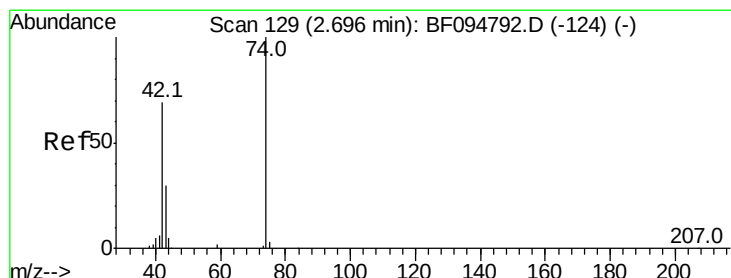
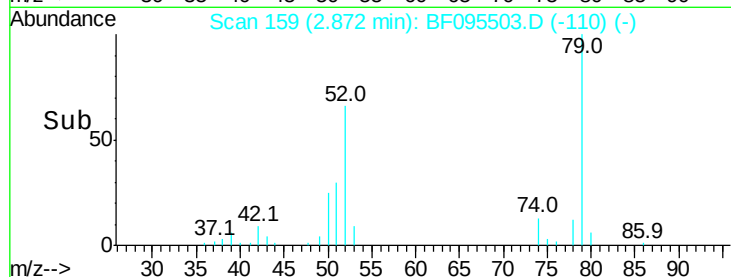
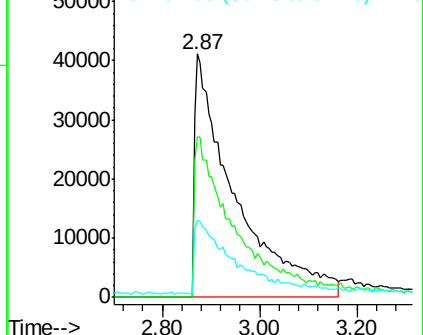
51 31.5 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 26.37 ng

RT: 2.80 min Scan# 146

Delta R.T. -0.02 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

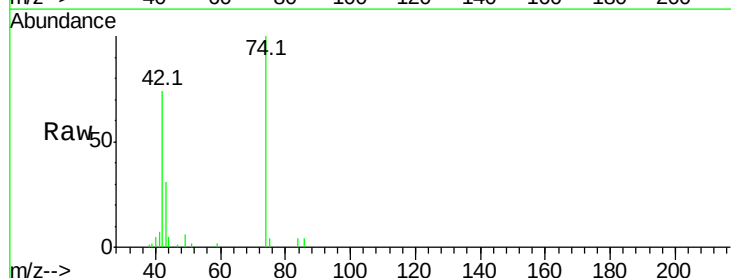
Tgt Ion: 42 Resp: 67786

Ion Ratio Lower Upper

42 100

74 136.0 103.9 155.9

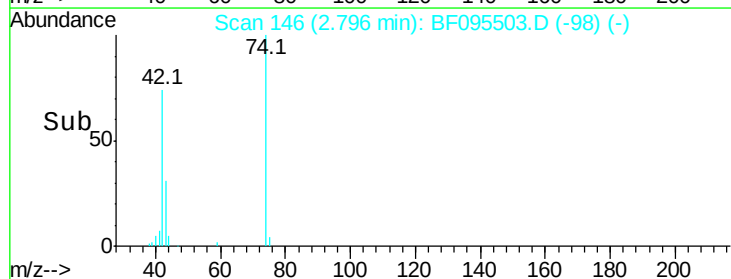
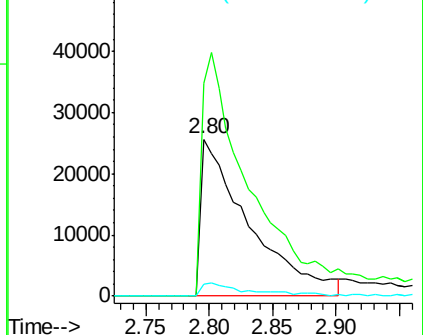
44 7.4 5.7 8.5

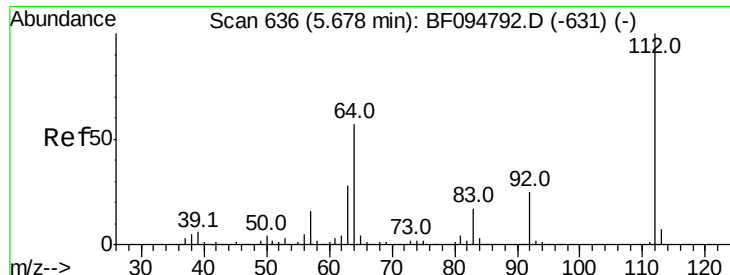


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 78.96 ng

RT: 5.71 min Scan# 642

Delta R.T. 0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Instrument :

BNA_F

ClientSampleId :

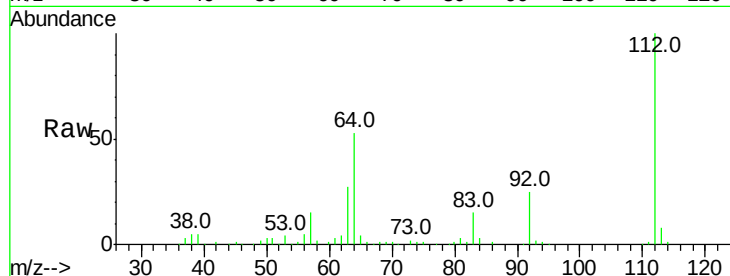
Tot Ion:112 Resp: 428394

Ion Ratio Lower Upper

112 100

64 53.3 46.0 69.0

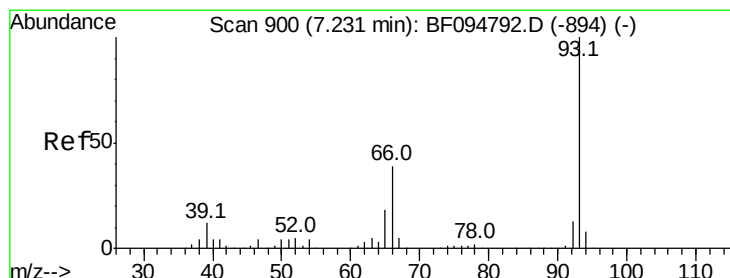
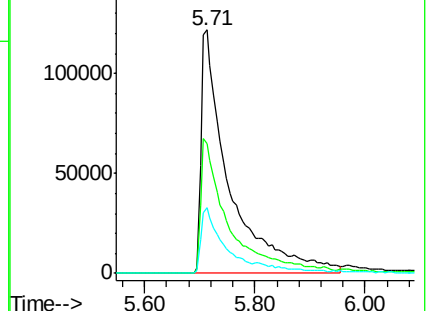
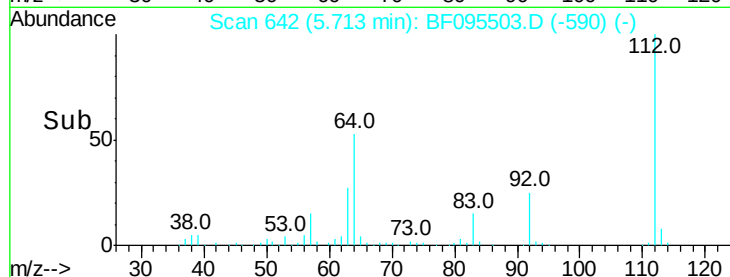
63 27.1 23.4 35.0



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: 44.09 ng

RT: 7.25 min Scan# 903

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

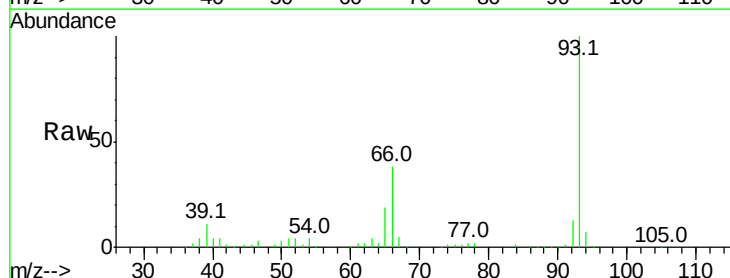
Tgt Ion: 93 Resp: 362369

Ion Ratio Lower Upper

93 100

66 38.0 32.9 49.3

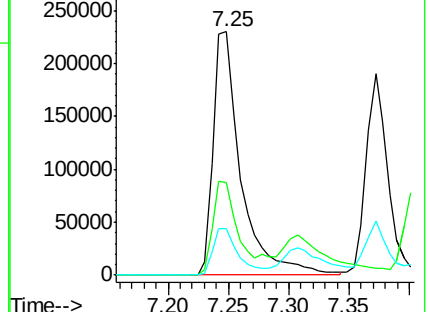
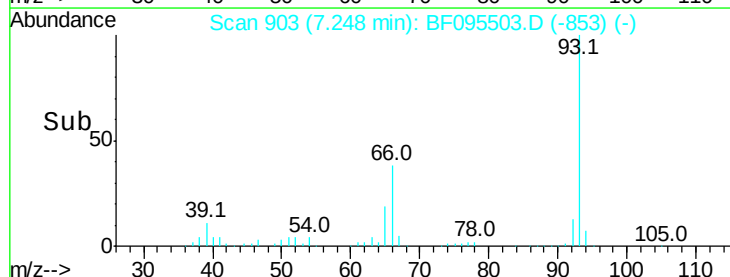
65 18.9 16.0 24.0

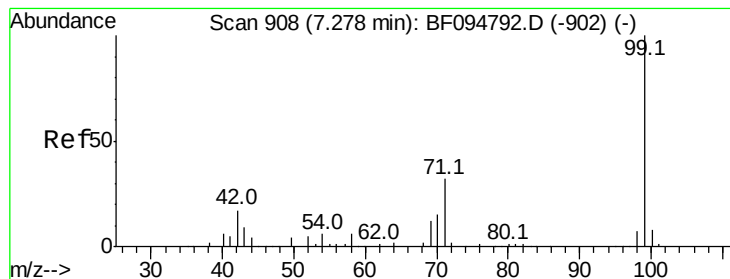


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 80.01 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Instrument :

BNA_F

ClientSampleId :

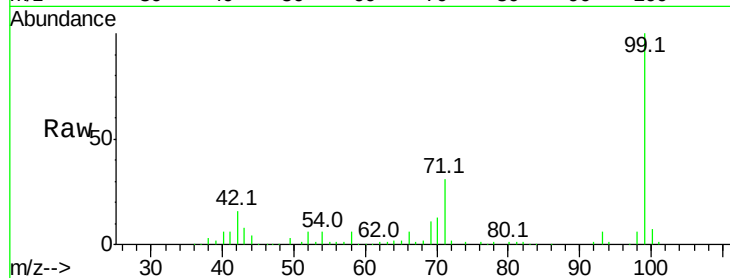
Tot Ion: 99 Resp: 520848

Ion Ratio Lower Upper

99 100

42 16.2 13.5 20.3

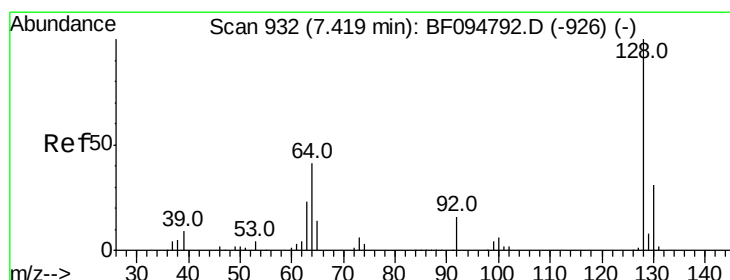
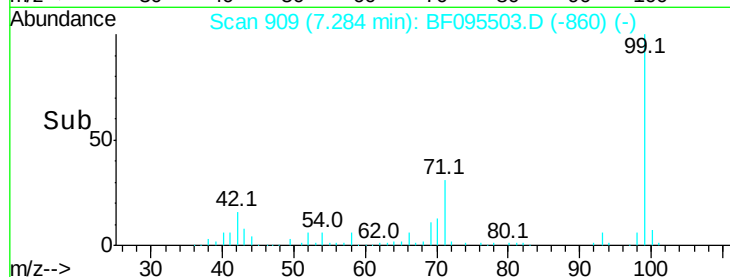
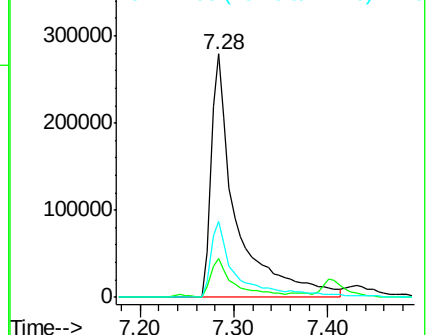
71 31.2 24.5 36.7



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: 42.56 ng

RT: 7.44 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

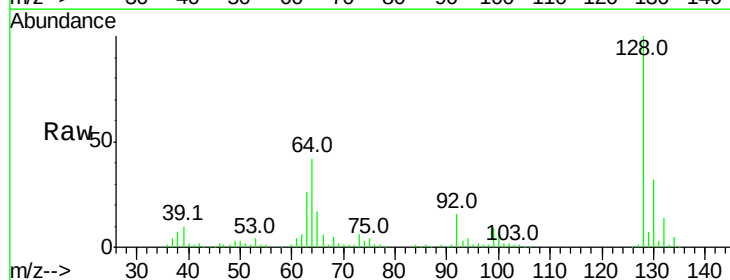
Tgt Ion: 128 Resp: 262836

Ion Ratio Lower Upper

128 100

130 32.3 12.9 52.9

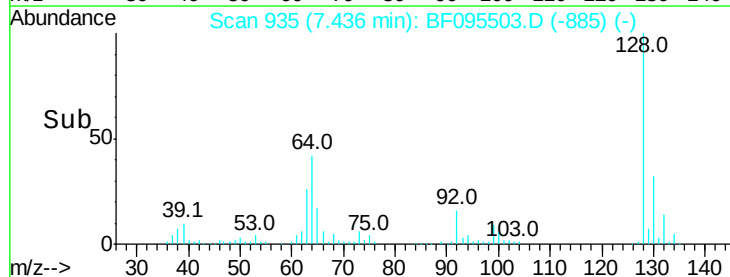
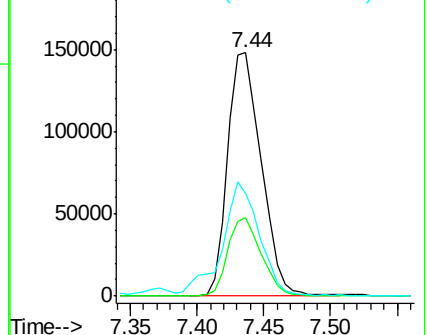
64 42.0 28.4 68.4

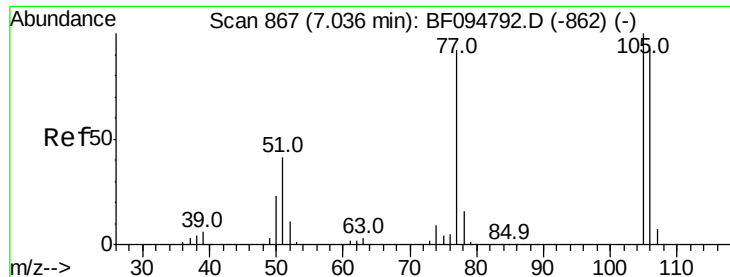


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 35.08 ng

RT: 7.07 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Instrument :

BNA_F

ClientSampled :

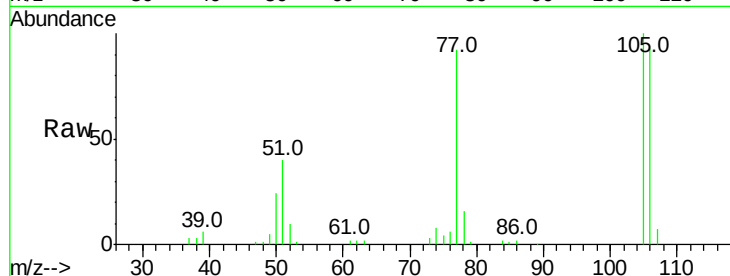
Tot Ion: 77 Resp: 139449

Ion Ratio Lower Upper

77 100

105 108.7 83.8 123.8

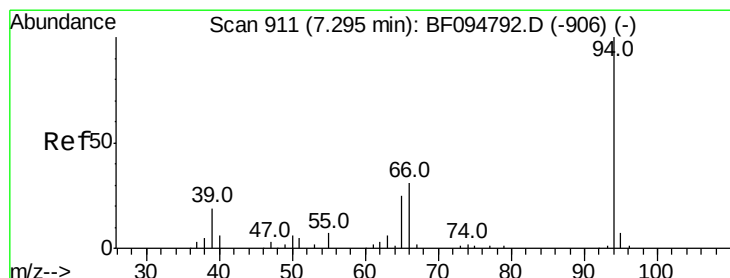
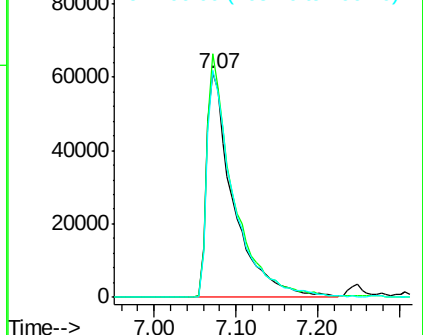
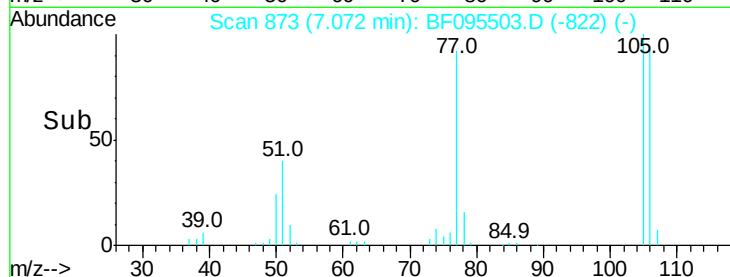
106 101.2 79.1 119.1



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: 44.92 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

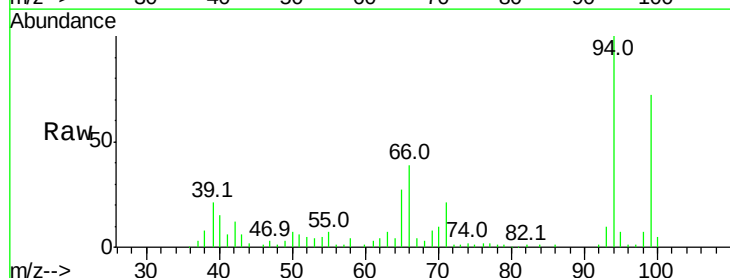
Tgt Ion: 94 Resp: 308135

Ion Ratio Lower Upper

94 100

65 26.9 9.9 49.9

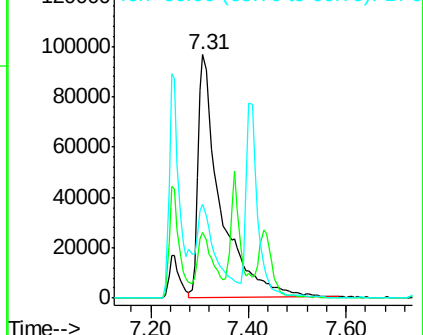
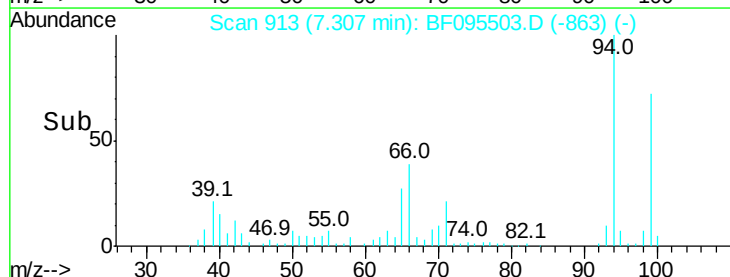
66 38.7 23.1 63.1

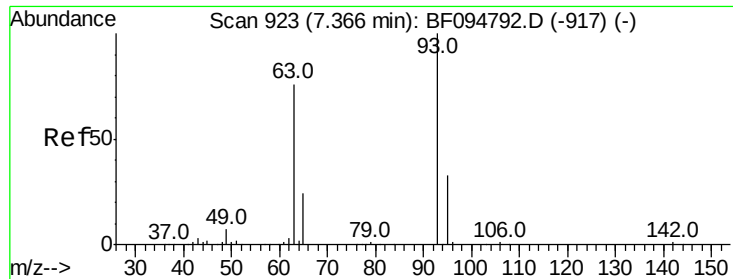


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 40.36 ng

RT: 7.37 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Instrument :

BNA_F

ClientSampled :

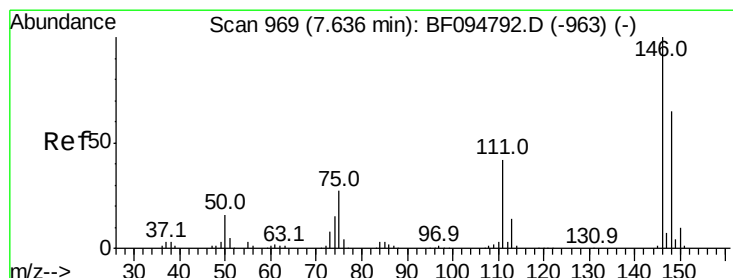
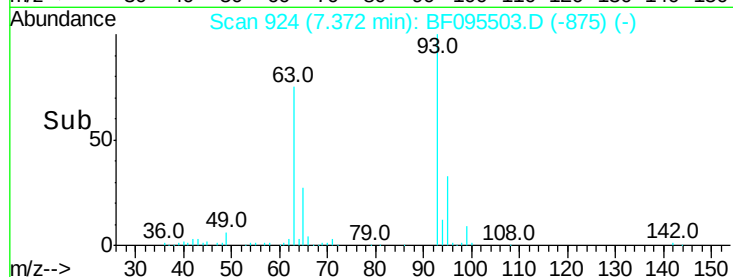
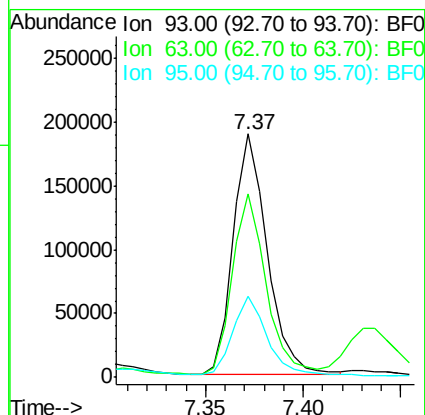
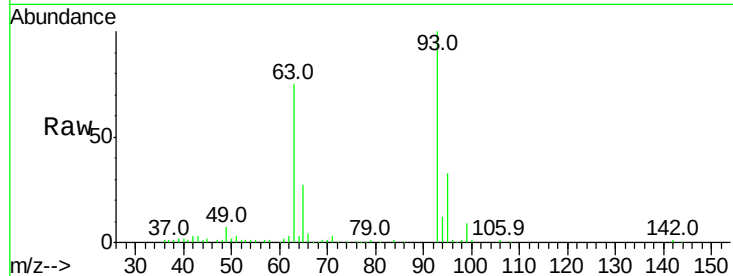
Tot Ion: 93 Resp: 228568

Ion Ratio Lower Upper

93 100

63 75.3 59.2 99.2

95 33.2 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 39.75 ng

RT: 7.64 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

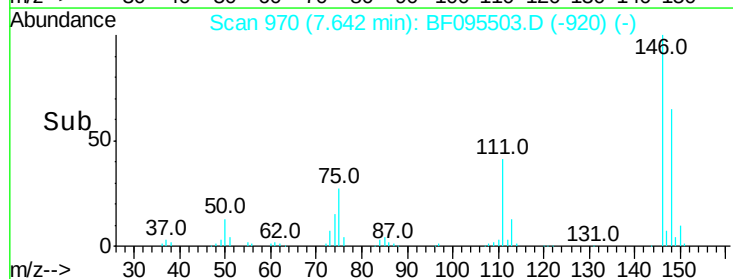
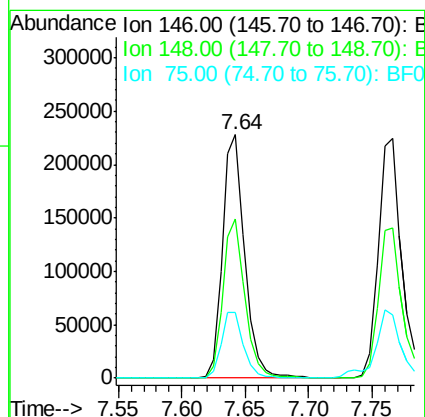
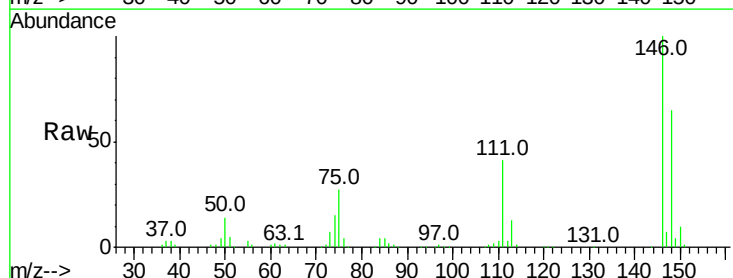
Tgt Ion: 146 Resp: 278438

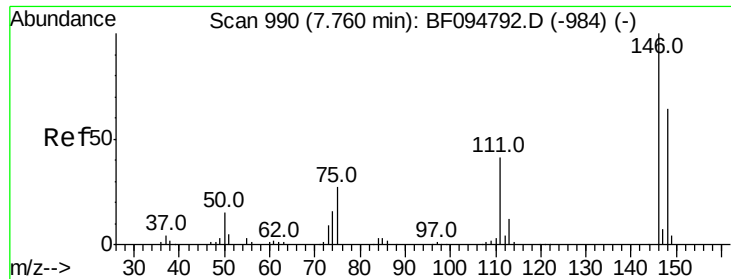
Ion Ratio Lower Upper

146 100

148 65.2 51.8 77.6

75 26.8 23.1 34.7

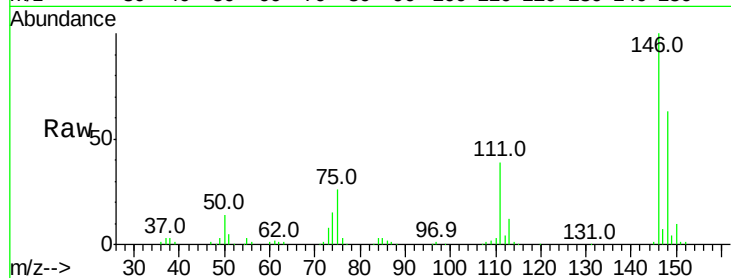




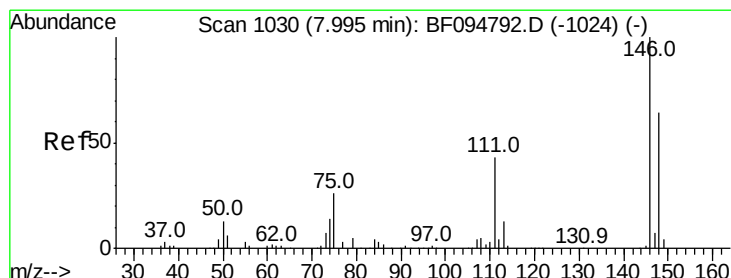
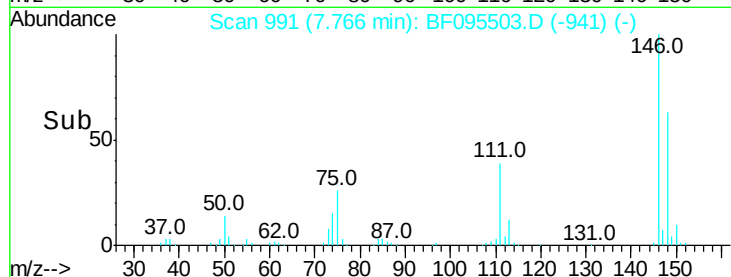
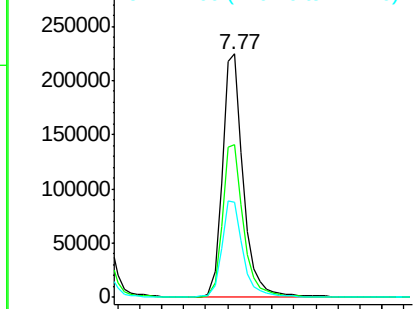
#13
 1,4-Dichlorobenzene
 Concen: 41.47 ng
 RT: 7.77 min Scan# 991
 Delta R.T. -0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:146 Resp: 294585
 Ion Ratio Lower Upper
 146 100
 148 62.5 52.2 78.2
 111 39.2 30.3 45.5

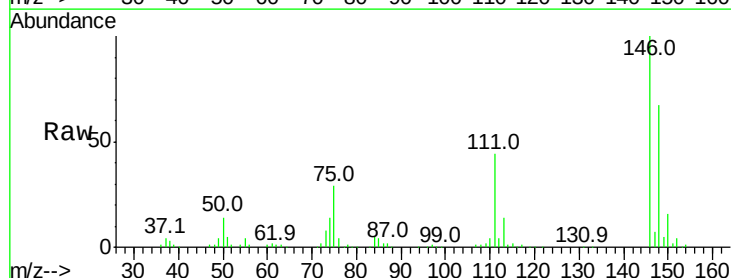


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

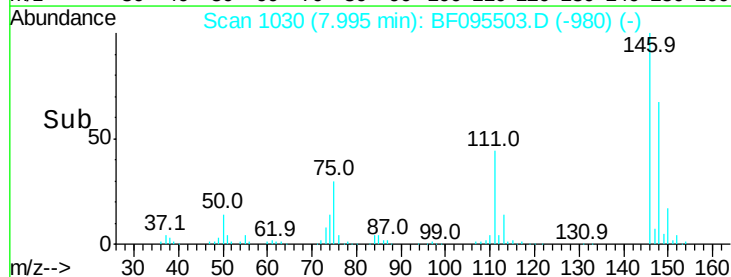
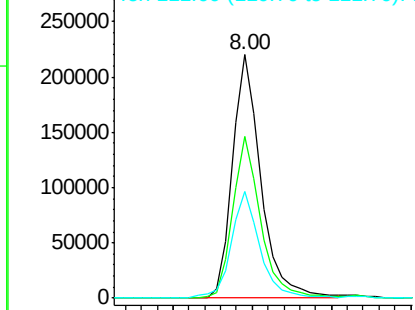


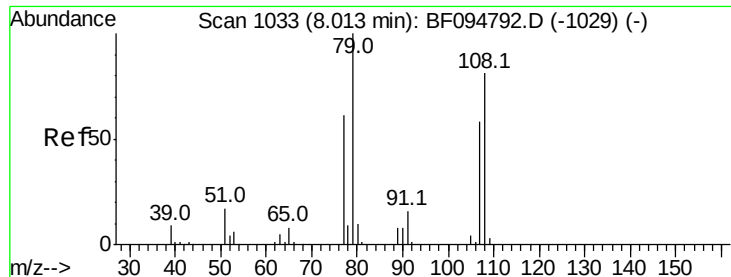
#14
 1,2-Dichlorobenzene
 Concen: 41.43 ng
 RT: 8.00 min Scan# 1030
 Delta R.T. -0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Tgt Ion:146 Resp: 274689
 Ion Ratio Lower Upper
 146 100
 148 66.6 50.4 75.6
 111 43.9 38.2 57.4



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

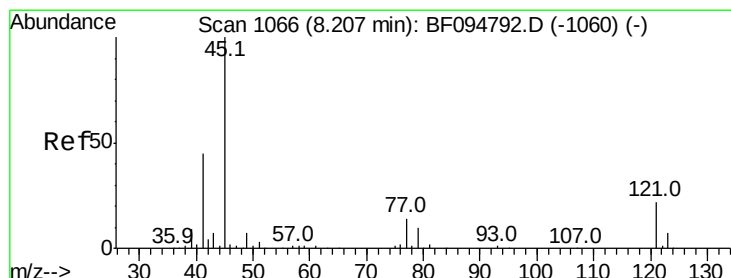
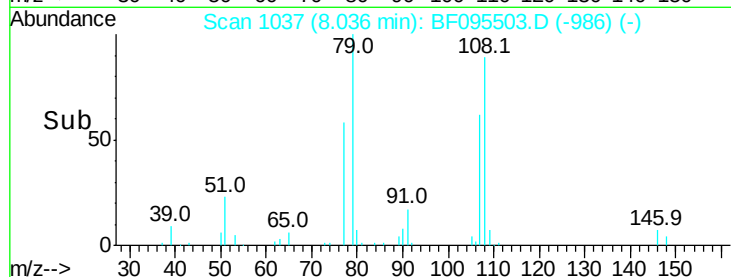
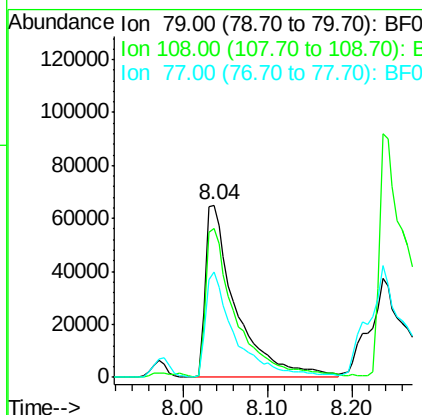
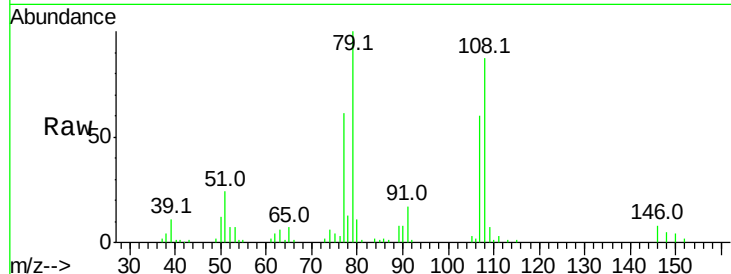




#15
Benzyl Alcohol
Concen: 39.28 ng
RT: 8.04 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

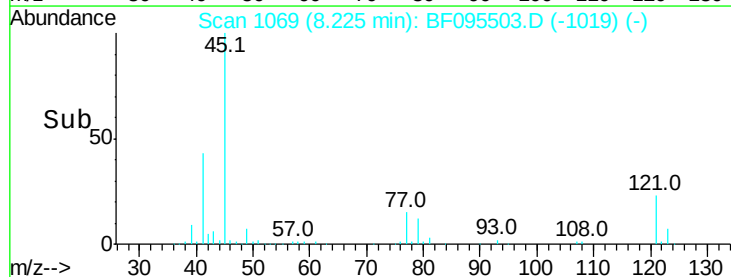
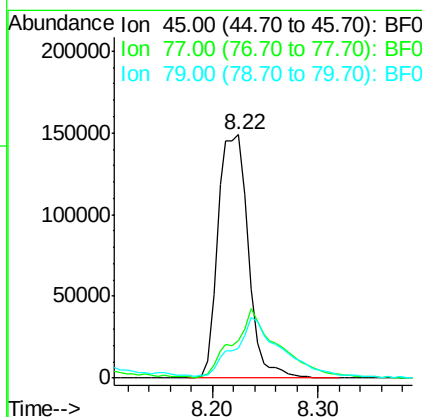
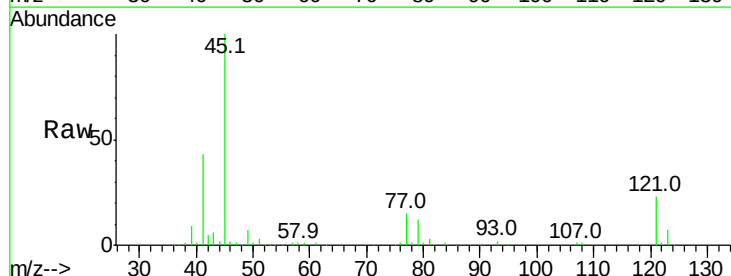
Instrument :
BNA_F
ClientSampleId :

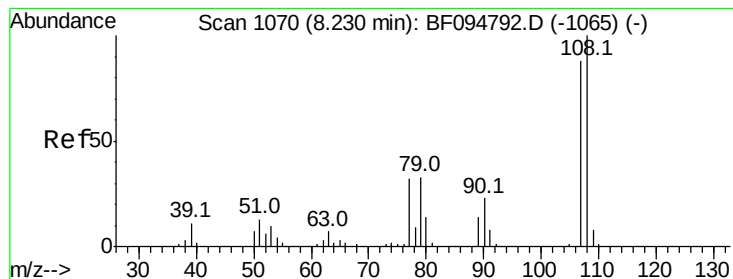
Tot Ion: 79 Resp: 164455
Ion Ratio Lower Upper
79 100
108 86.6 63.4 95.0
77 60.8 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 37.06 ng
RT: 8.22 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

Tgt Ion: 45 Resp: 297010
Ion Ratio Lower Upper
45 100
77 15.3 0.0 33.2
79 12.4 0.0 30.0

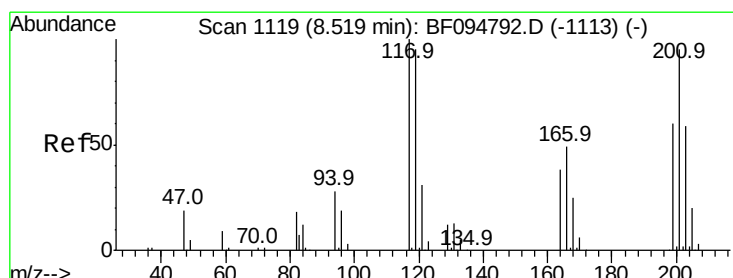
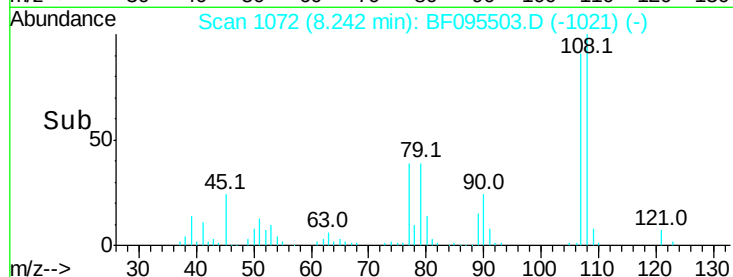
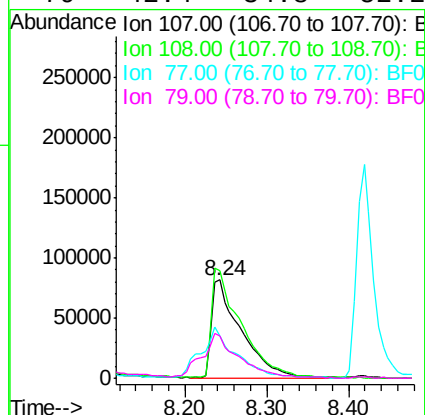
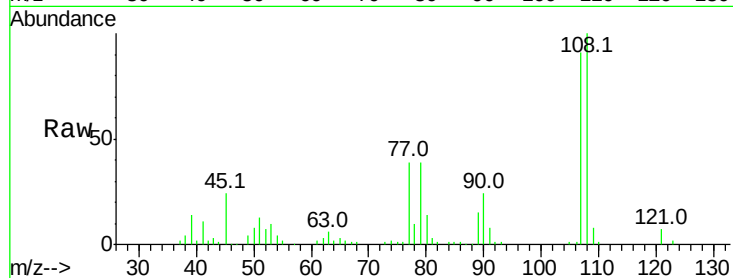




#17
2-Methylphenol
Concen: 40.24 ng
RT: 8.24 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

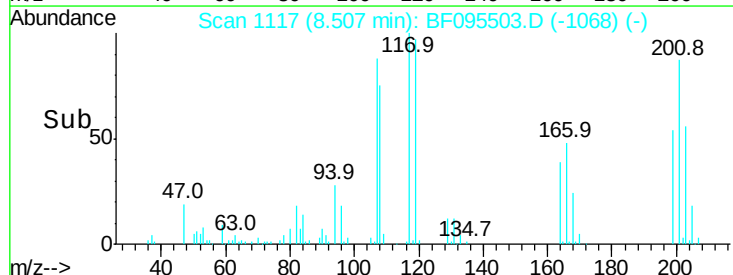
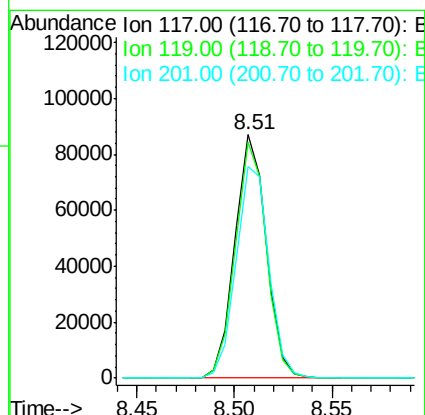
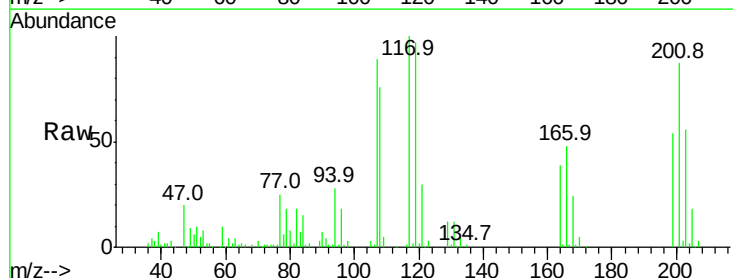
Instrument :
BNA_F
ClientSampled :

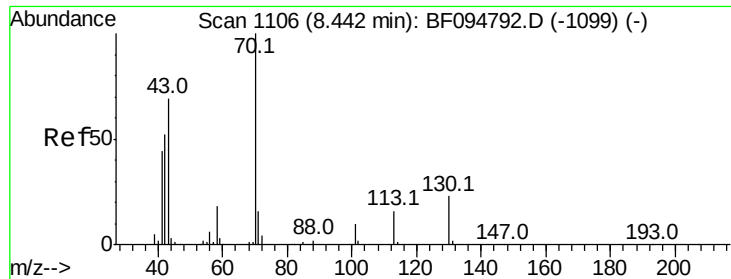
Tot Ion:107 Resp: 203343
Ion Ratio Lower Upper
107 100
108 109.9 93.4 140.0
77 42.5 35.8 53.6
79 42.4 34.8 52.2



#18
Hexachloroethane
Concen: 40.26 ng
RT: 8.51 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

Tgt Ion:117 Resp: 96889
Ion Ratio Lower Upper
117 100
119 96.7 77.4 116.0
201 87.1 94.6 141.8#

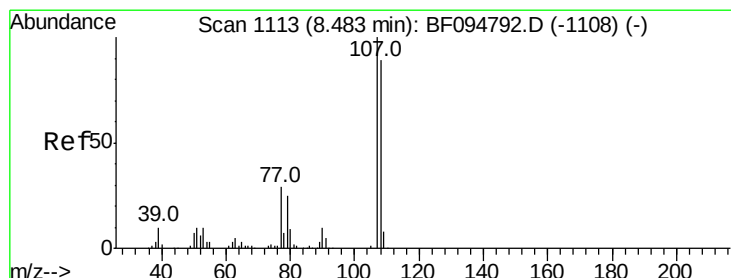
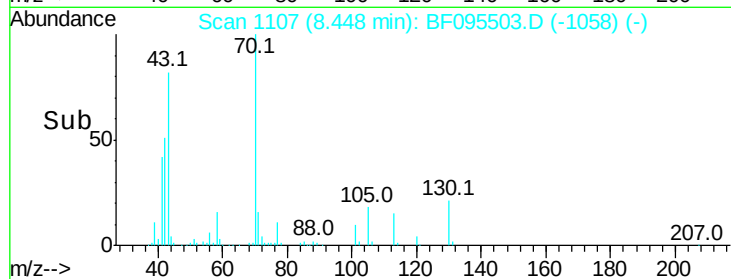
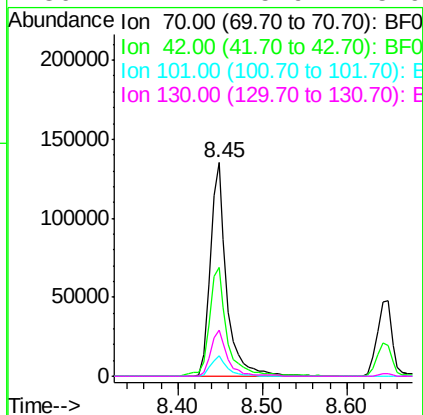
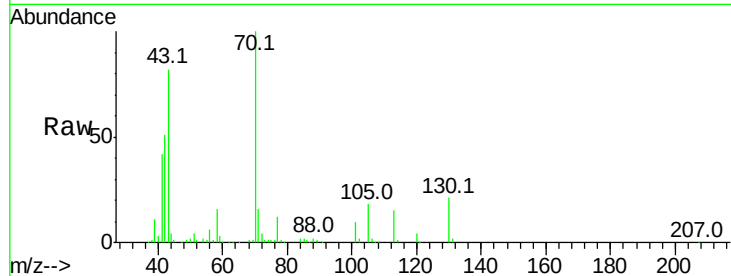




#19
 n-Nitroso-di-n-propylamine
 Concen: 41.94 ng
 RT: 8.45 min Scan# 1107
 Delta R.T. -0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

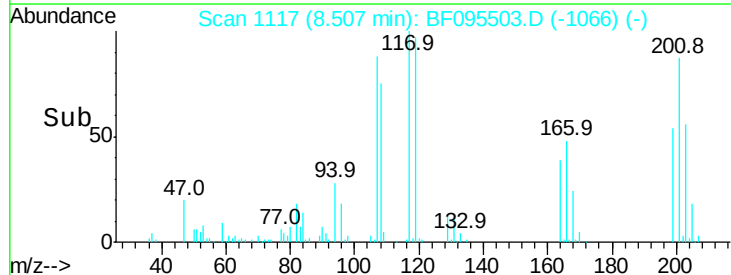
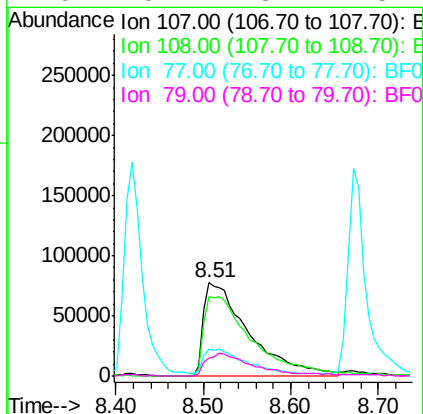
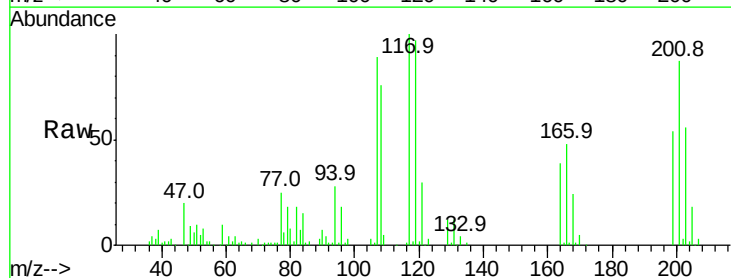
Instrument :
 BNA_F
 ClientSampleId :

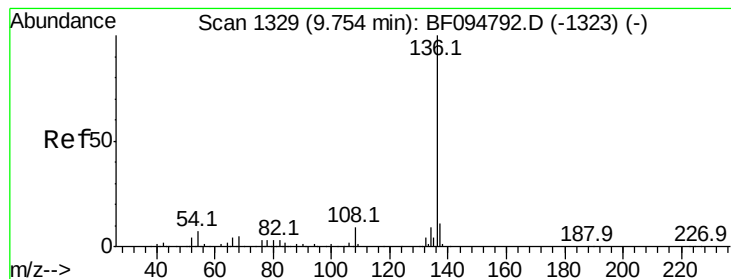
Tot Ion: 70 Resp: 184628
 Ion Ratio Lower Upper
 70 100
 42 51.2 47.2 70.8
 101 9.7 7.2 10.8
 130 21.4 15.9 23.9



#20
 3+4-Methylphenols
 Concen: 40.50 ng
 RT: 8.51 min Scan# 1117
 Delta R.T. 0.00 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Tgt Ion: 107 Resp: 278090
 Ion Ratio Lower Upper
 107 100
 108 85.0 71.0 111.0
 77 28.3 90.5 130.5#
 79 19.7 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.75 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 375403

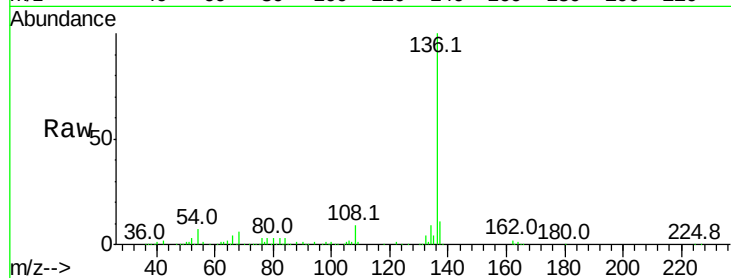
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.3 4.9 7.3

68 5.7 4.1 6.1

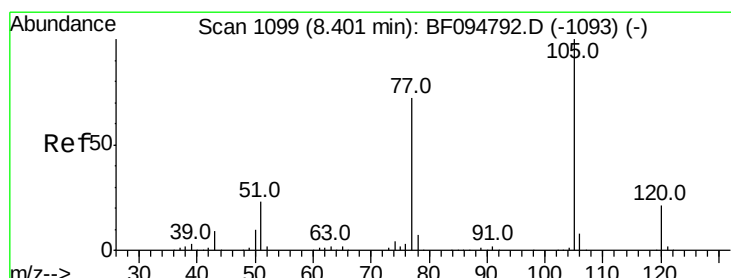
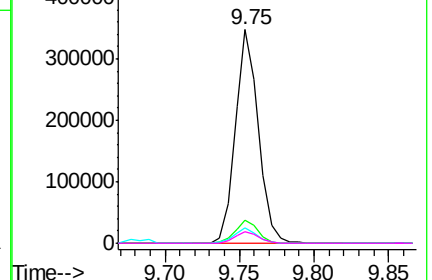
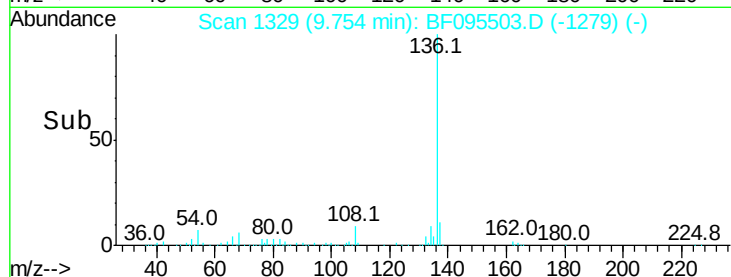


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.92 ng

RT: 8.42 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Tgt Ion:105 Resp: 359544

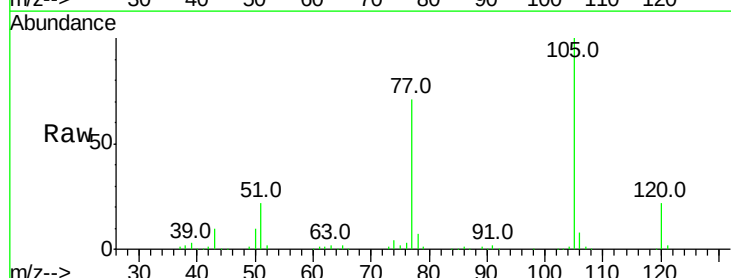
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.4 30.7 46.1#

120 21.7 17.4 26.0

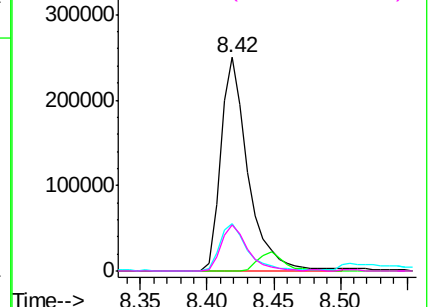
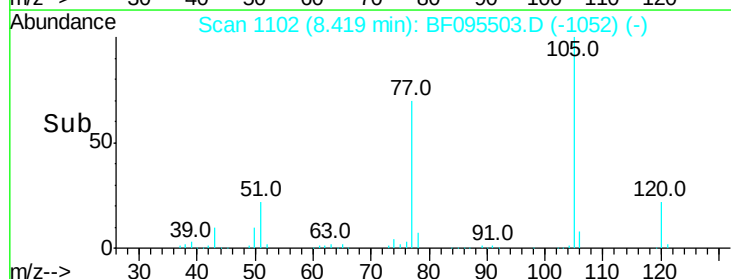


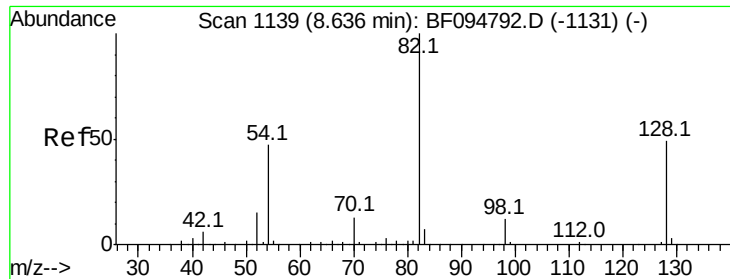
Abundance Ion 105.00 (104.70 to 105.70): E

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

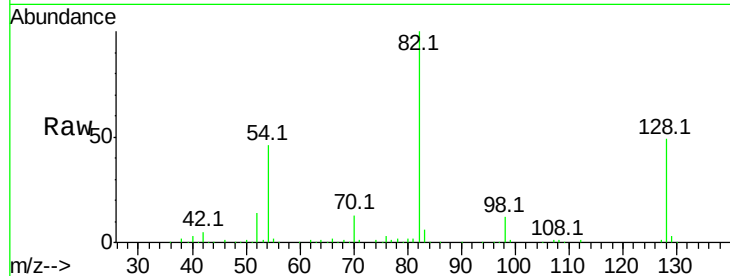




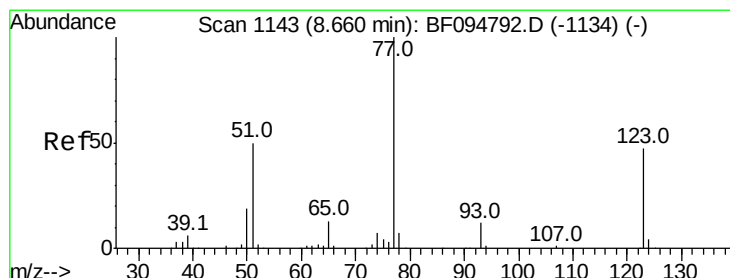
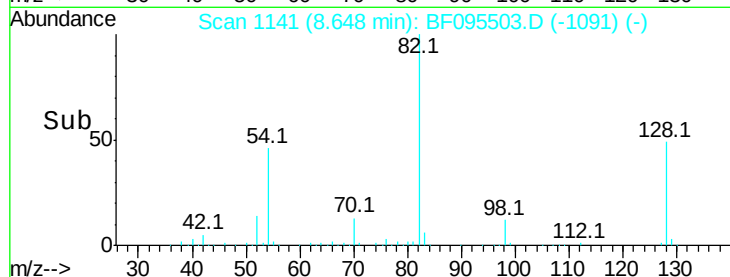
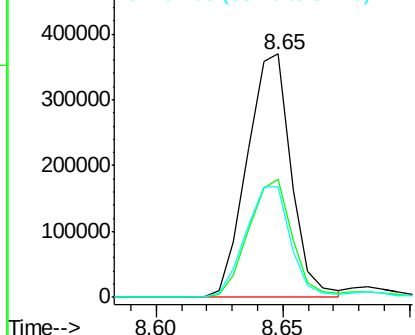
#23
 Nitrobenzene-d5
 Concen: 75.66 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion: 82 Resp: 450420
 Ion Ratio Lower Upper
 82 100
 128 48.7 34.0 51.0
 54 45.6 42.2 63.2

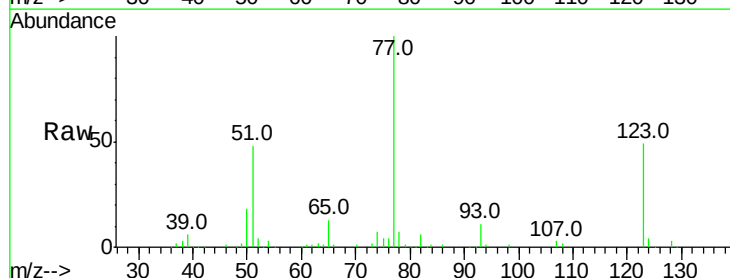


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

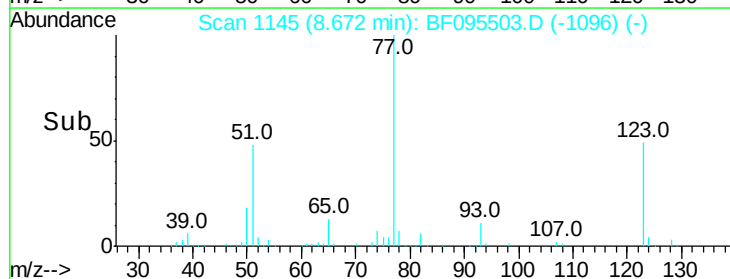
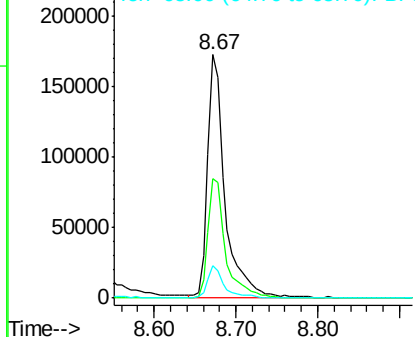


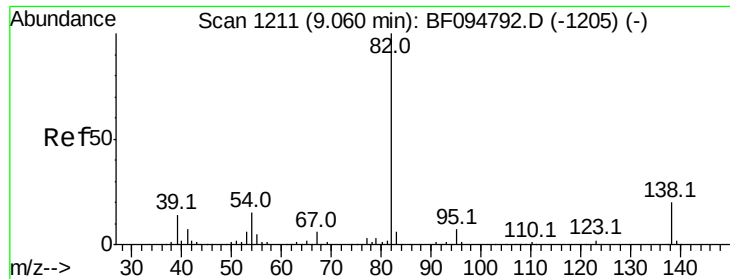
#24
 Nitrobenzene
 Concen: 40.67 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Tgt Ion: 77 Resp: 253798
 Ion Ratio Lower Upper
 77 100
 123 49.2 35.8 53.8
 65 13.1 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

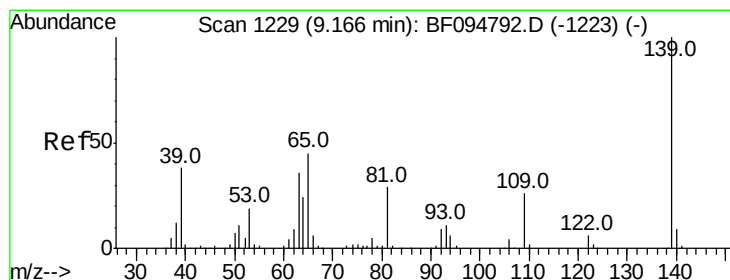
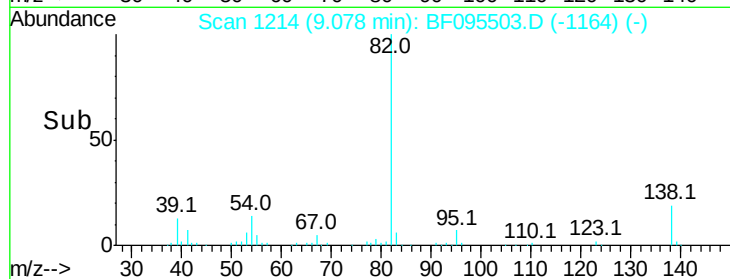
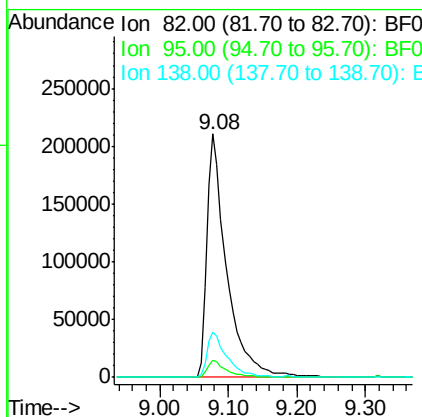
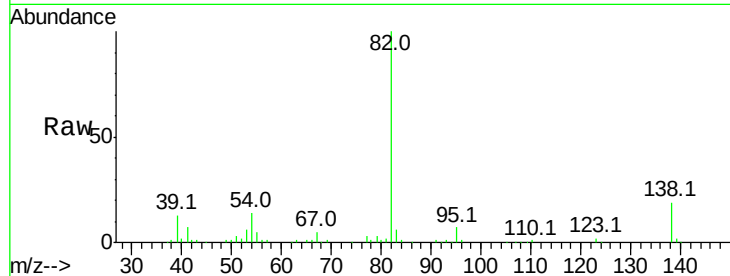




#25
Isophorone
Concen: 40.13 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

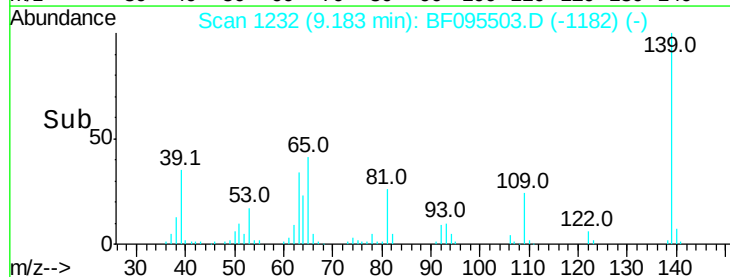
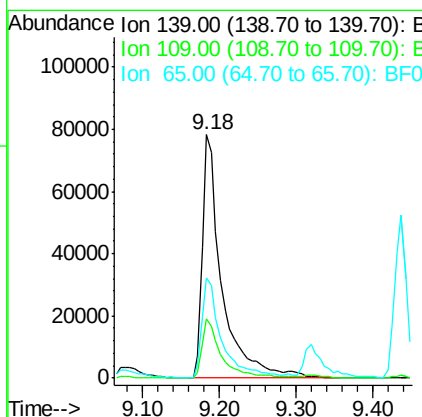
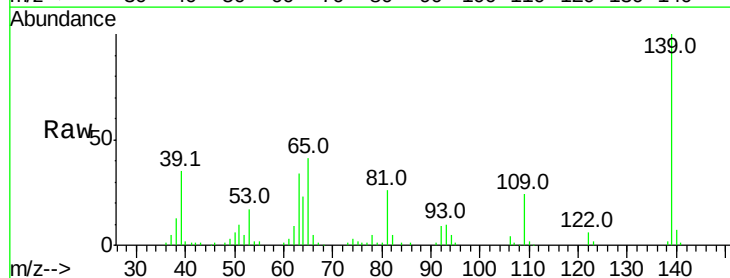
Instrument :
BNA_F
ClientSampleId :

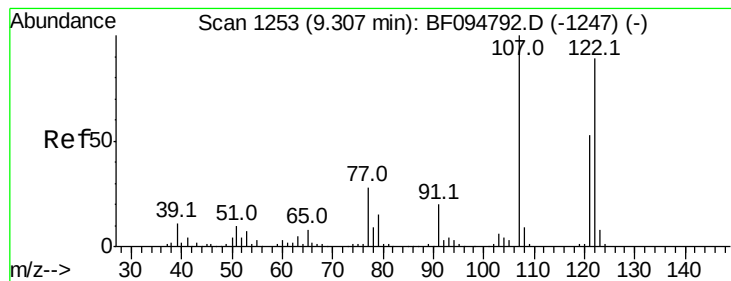
Tot Ion: 82 Resp: 426580
Ion Ratio Lower Upper
82 100
95 7.1 5.3 7.9
138 18.5 13.1 19.7



#26
2-Nitrophenol
Concen: 40.99 ng
RT: 9.18 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

Tgt Ion:139 Resp: 138014
Ion Ratio Lower Upper
139 100
109 24.1 21.0 31.6
65 41.4 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 40.87 ng

RT: 9.32 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Instrument :

BNA_F

ClientSampleId :

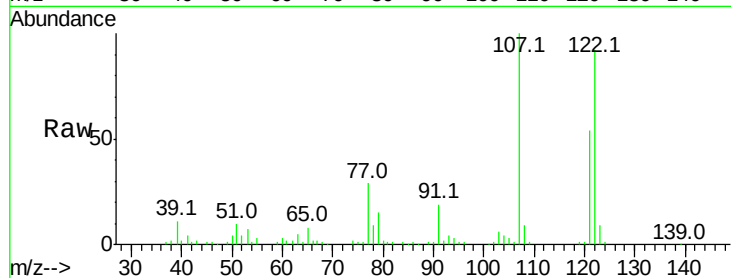
Tot Ion:122 Resp: 222498

Ion Ratio Lower Upper

122 100

107 108.3 89.2 133.8

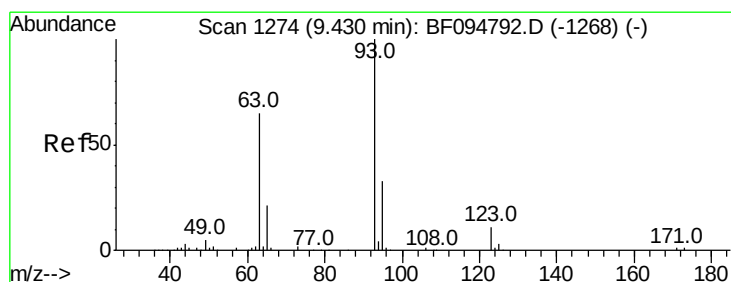
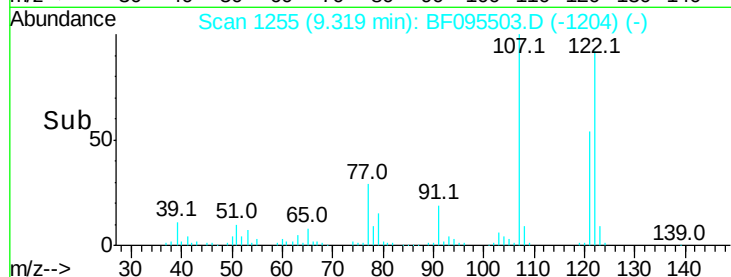
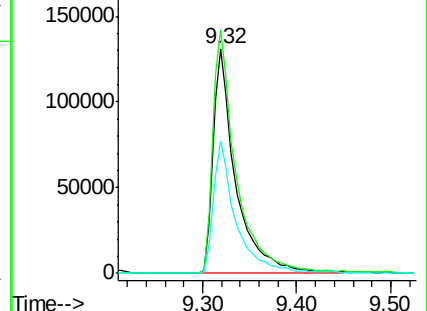
121 58.8 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.76 ng

RT: 9.44 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

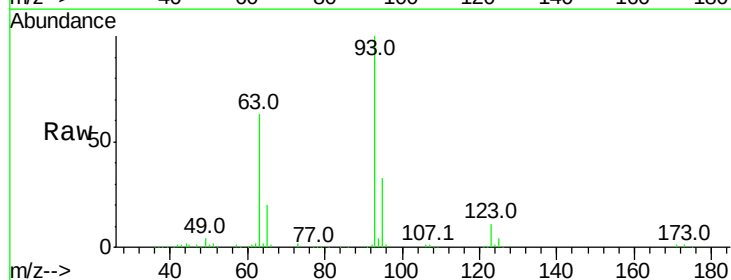
Tgt Ion: 93 Resp: 299770

Ion Ratio Lower Upper

93 100

95 32.6 26.5 39.7

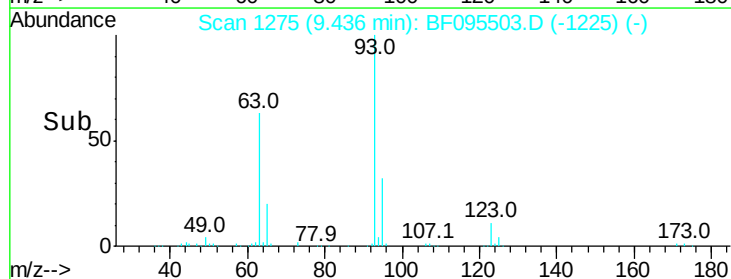
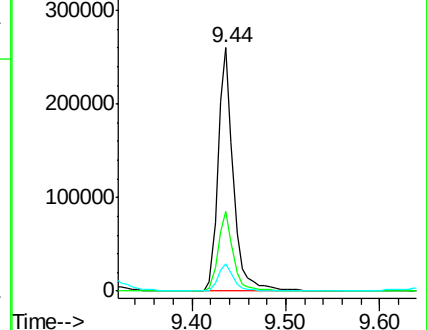
123 11.0 9.0 13.4

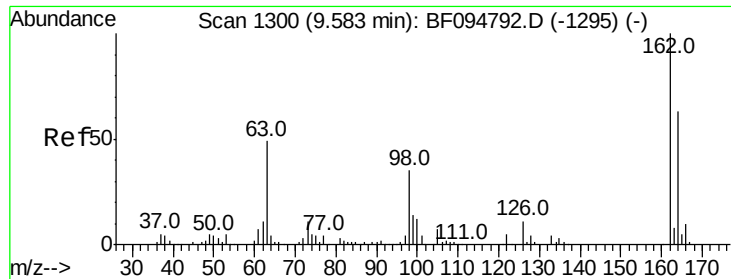


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

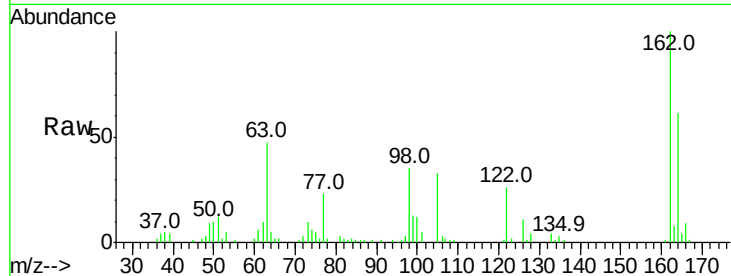




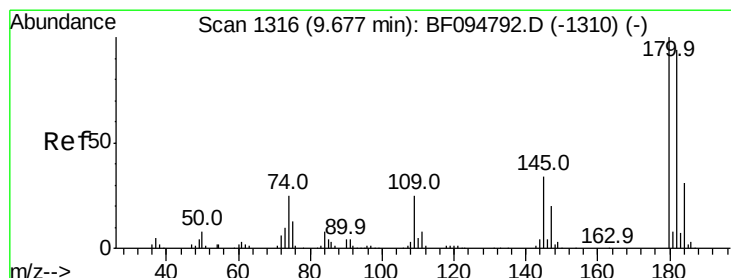
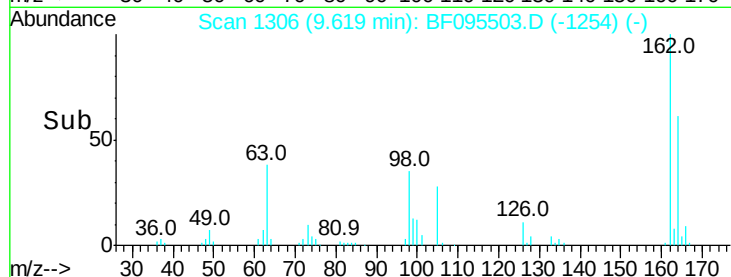
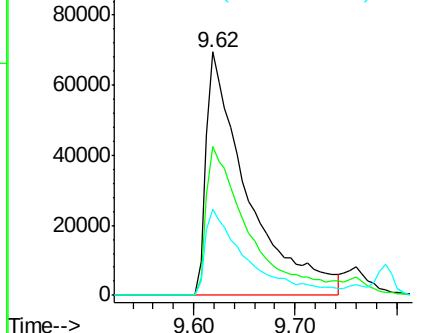
#29
 2,4-Dichlorophenol
 Concen: 38.26 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.4	44.6	84.6
98	35.2	14.8	54.8

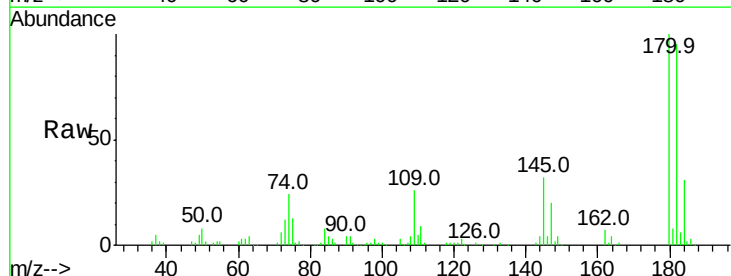


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

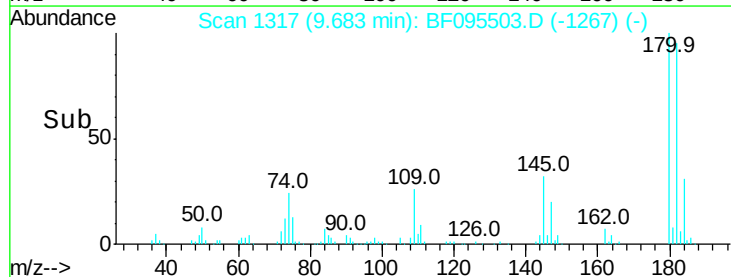
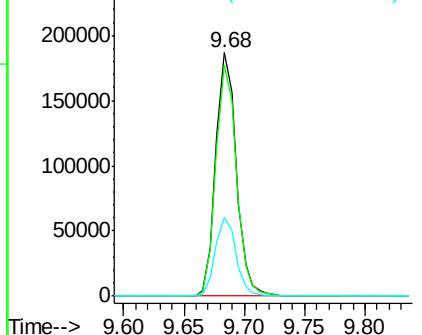


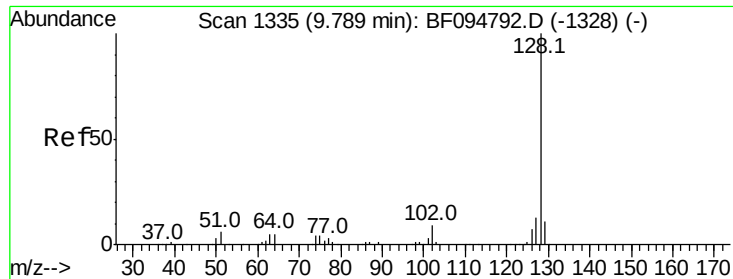
#30
 1,2,4-Trichlorobenzene
 Concen: 39.79 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	75.8	113.6
145	32.5	25.3	37.9



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

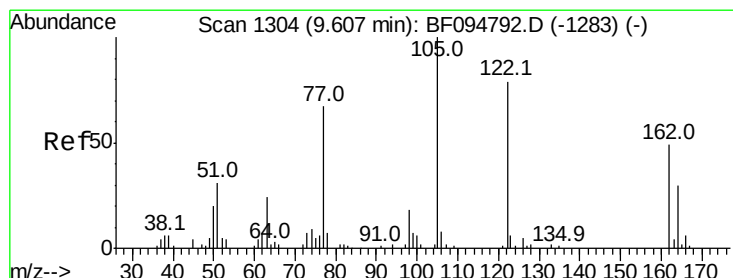
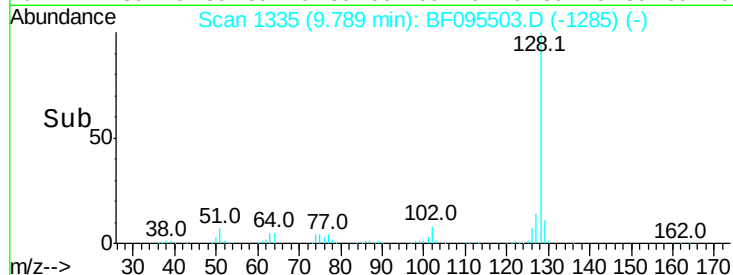
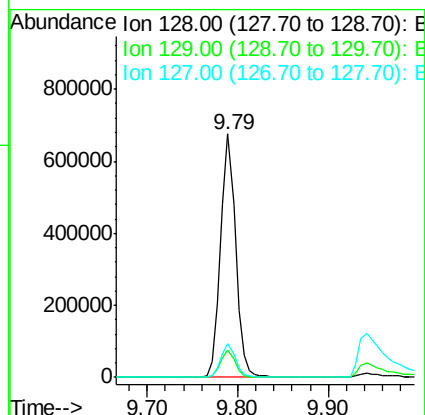
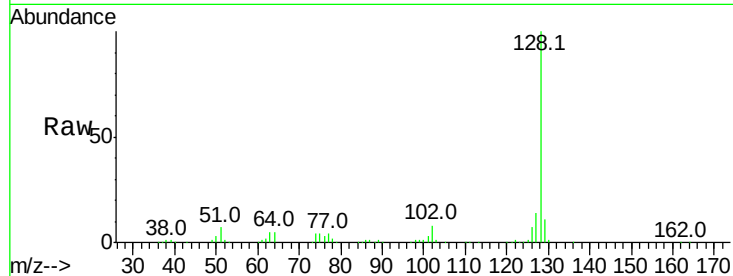




#31
Naphthalene
Concen: 40.80 ng
RT: 9.79 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

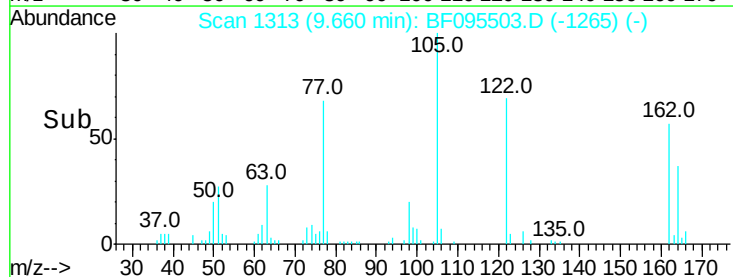
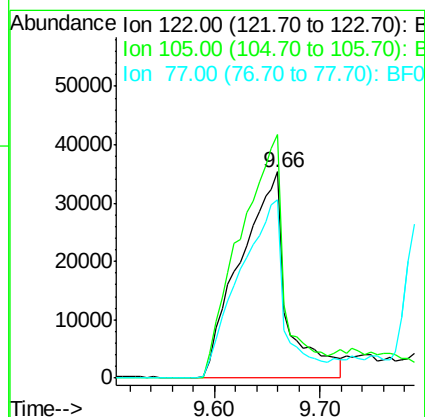
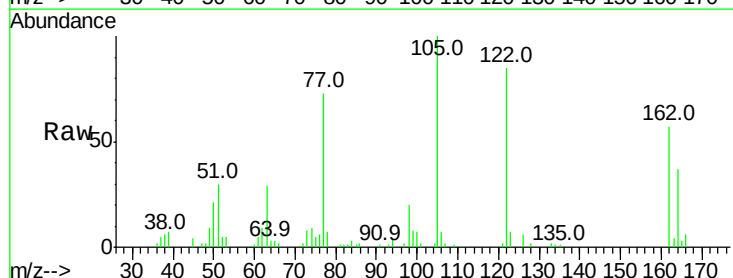
Instrument :
BNA_F
ClientSampleId :

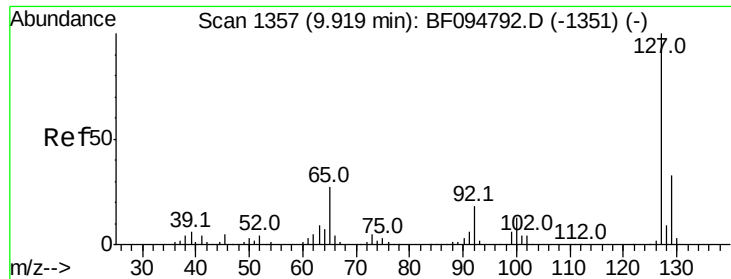
Tot Ion:128 Resp: 769866
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 32.43 ng
RT: 9.66 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

Tgt Ion:122 Resp: 109319
Ion Ratio Lower Upper
122 100
105 118.0 103.3 143.3
77 86.3 73.7 113.7

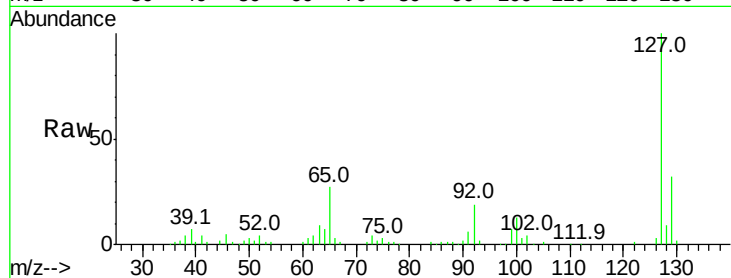




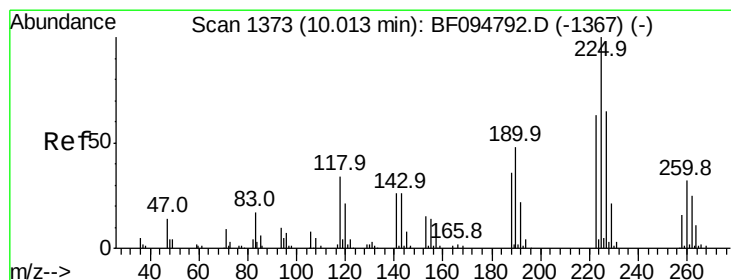
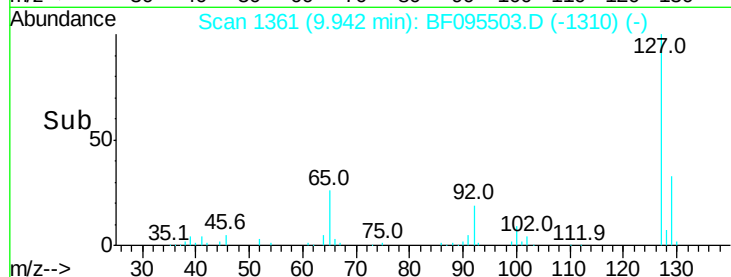
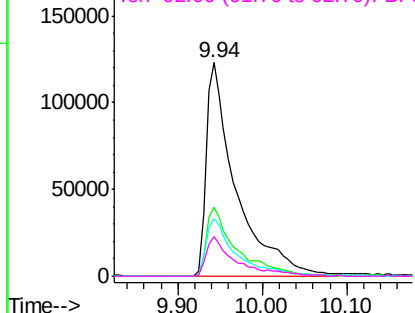
#33
 4-Chloroaniline
 Concen: 42.92 ng
 RT: 9.94 min Scan# 1361
 Delta R.T. 0.00 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	301817
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.2	39.2
65	27.2	27.8	41.8#
92	18.7	16.8	25.2

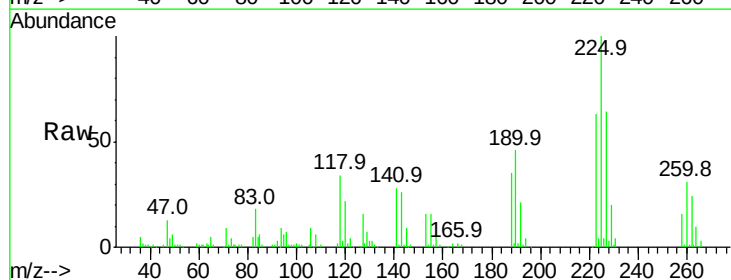


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

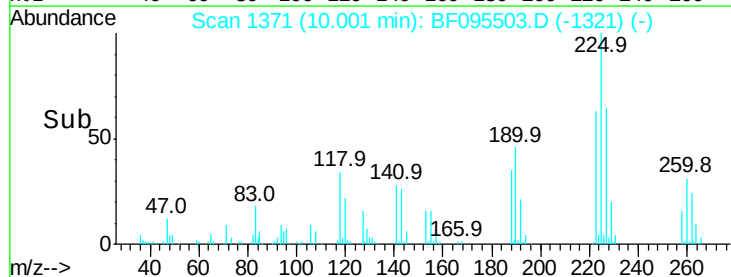
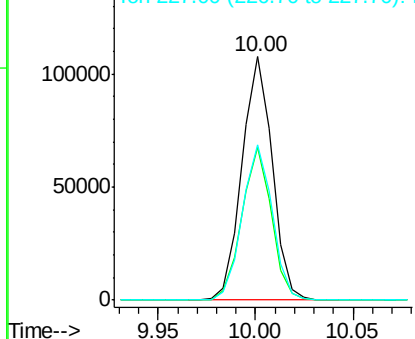


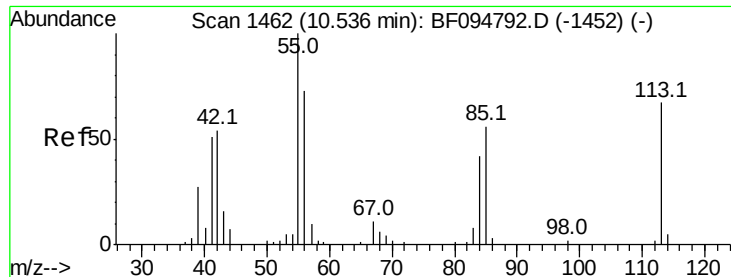
#34
 Hexachlorobutadiene
 Concen: 39.82 ng
 RT: 10.00 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Tgt Ion:	225	Resp:	115706
Ion	Ratio	Lower	Upper
225	100		
223	62.8	48.8	73.2
227	63.7	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: 12.78 ng

RT: 10.63 min Scan# 1478

Delta R.T. 0.04 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Instrument :

BNA_F

ClientSampleId :

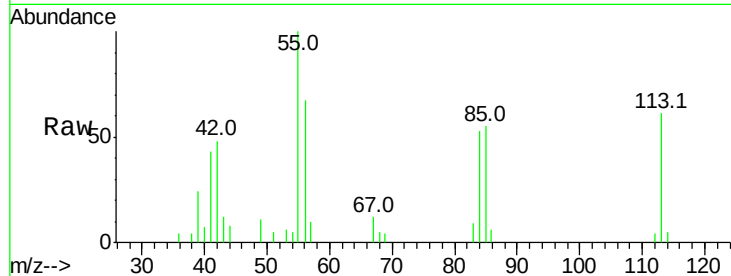
Tot Ion:113 Resp: 19725

Ion Ratio Lower Upper

113 100

55 163.1 150.2 190.2

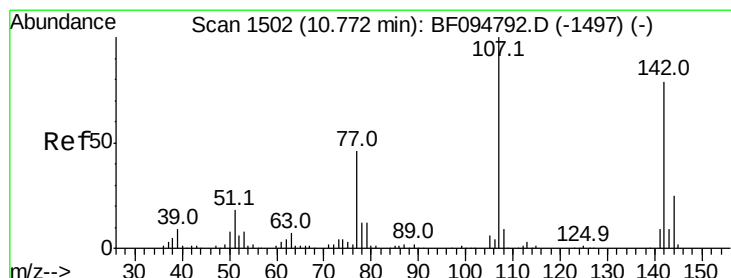
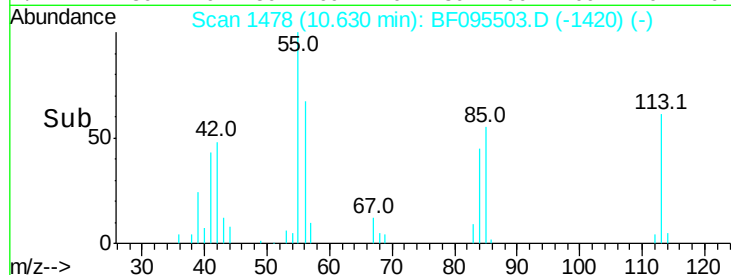
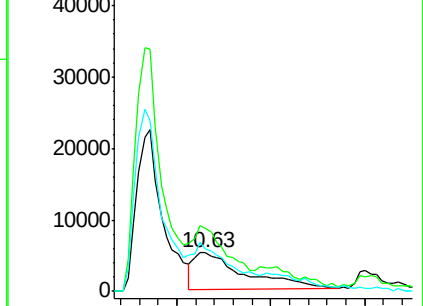
56 110.0 107.8 147.8



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: 42.66 ng

RT: 10.80 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

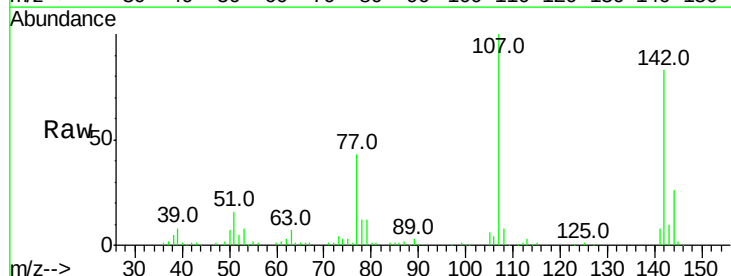
Tgt Ion:107 Resp: 234427

Ion Ratio Lower Upper

107 100

144 26.3 24.2 36.4

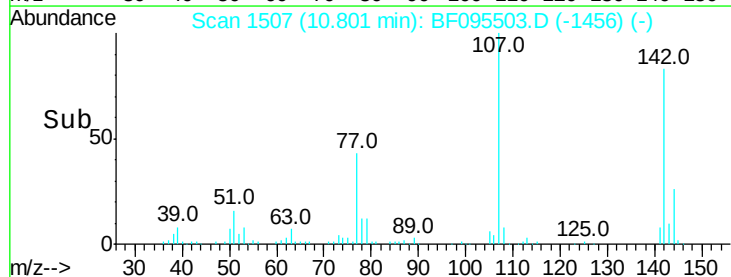
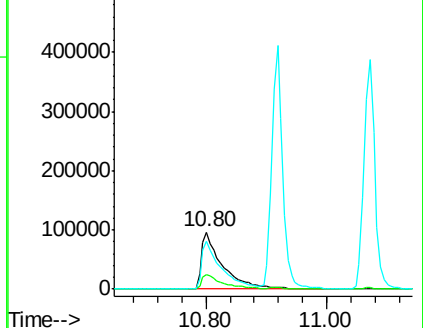
142 82.8 73.4 110.0

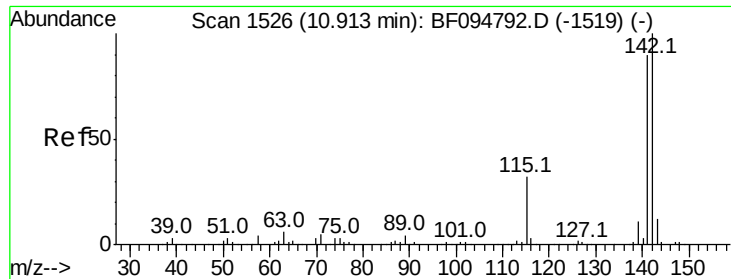


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

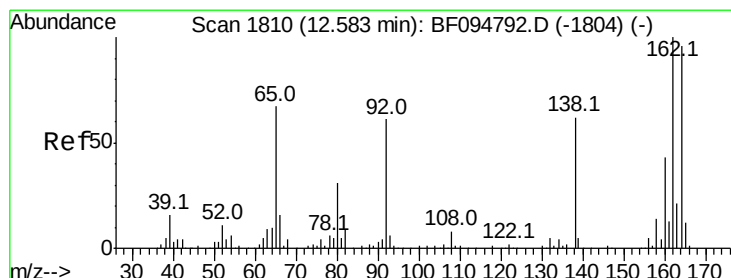
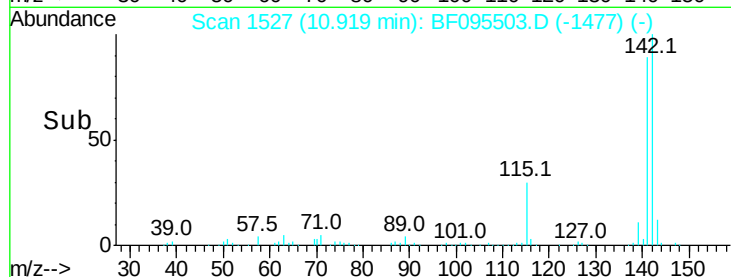
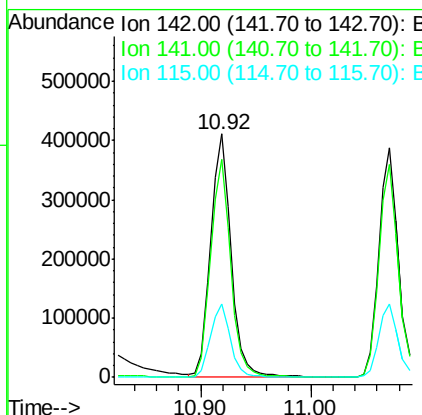
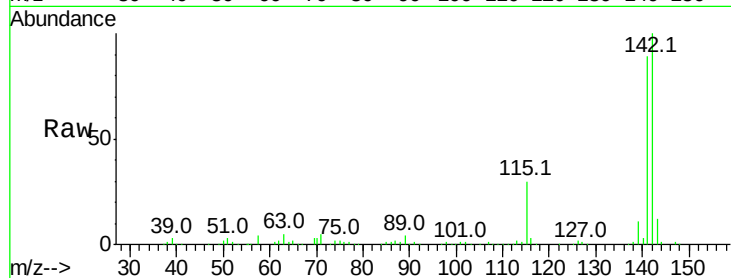




#37
2-Methylnaphthalene
Concen: 42.02 ng
RT: 10.92 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

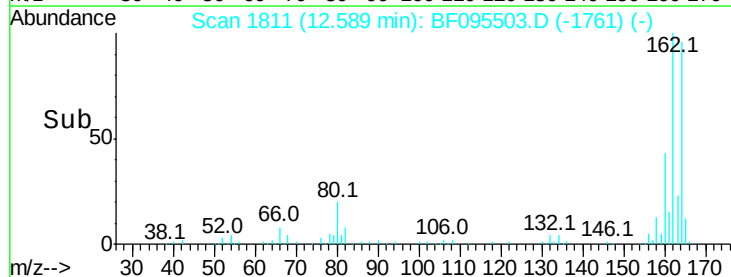
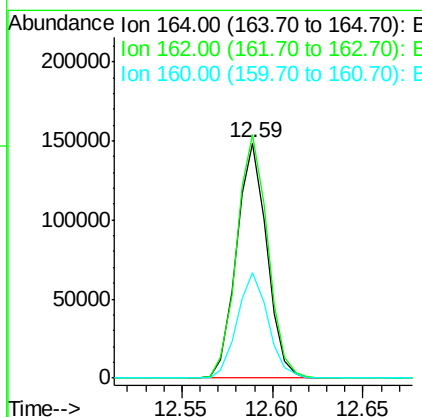
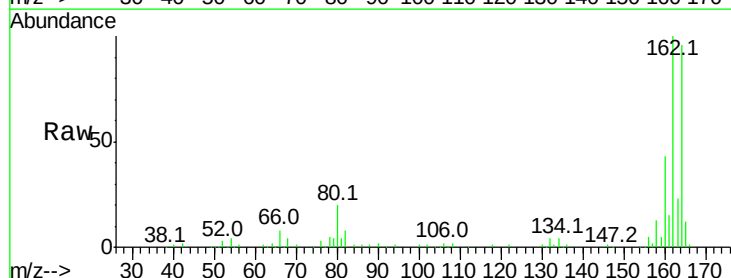
Instrument :
BNA_F
ClientSampled :

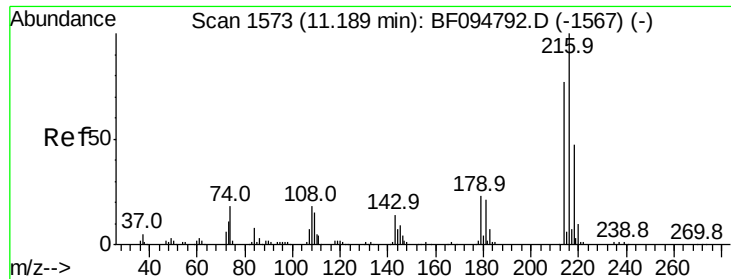
Tot Ion:142 Resp: 520384
Ion Ratio Lower Upper
142 100
141 89.4 71.3 106.9
115 30.1 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

Tgt Ion:164 Resp: 172403
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 44.8 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 39.04 ng

RT: 11.20 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

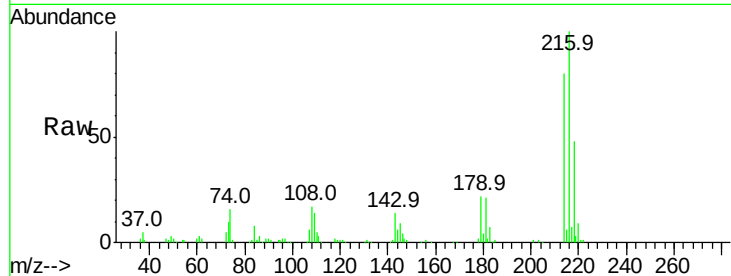
Instrument :

BNA_F

ClientSampled :

Tot Ion:216 Resp: 206990

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.2
179	22.4	17.9	26.9
108	17.6	16.5	24.7

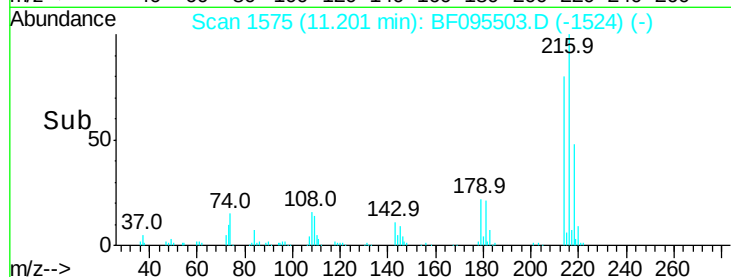


Abundance Ion 216.00 (215.70 to 216.70): E

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



Time--> 11.10 11.20 11.30

11.20

150000

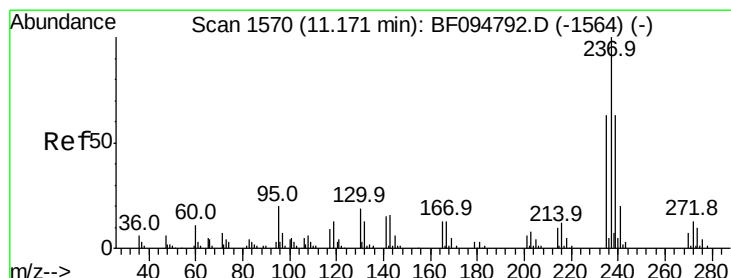
100000

50000

0

11.10 11.20 11.30

Time-->



#40

Hexachlorocyclopentadiene

Concen: 36.30 ng

RT: 11.17 min Scan# 1569

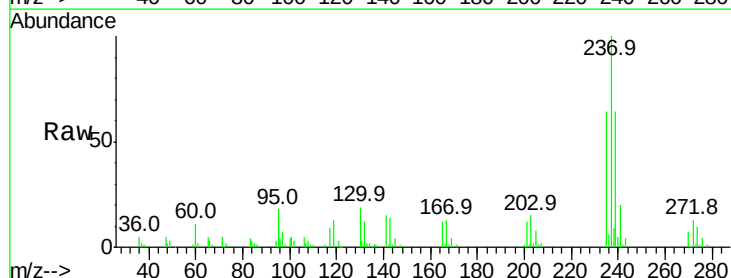
Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Tgt Ion:237 Resp: 72923

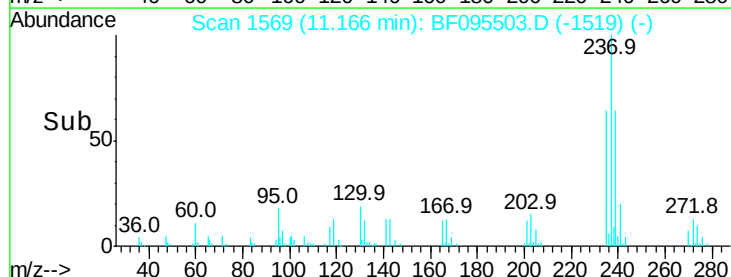
Ion	Ratio	Lower	Upper
237	100		
235	64.2	42.6	82.6
272	12.8	0.0	31.9



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



100000

80000

60000

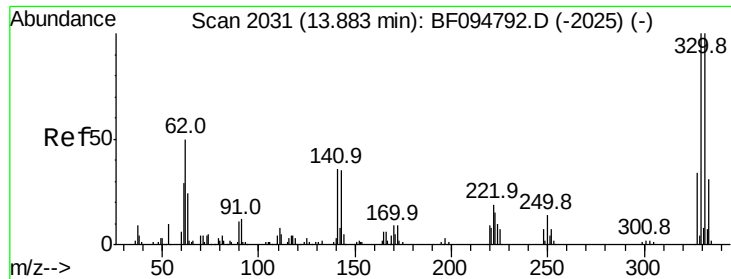
40000

20000

0

11.15 11.20

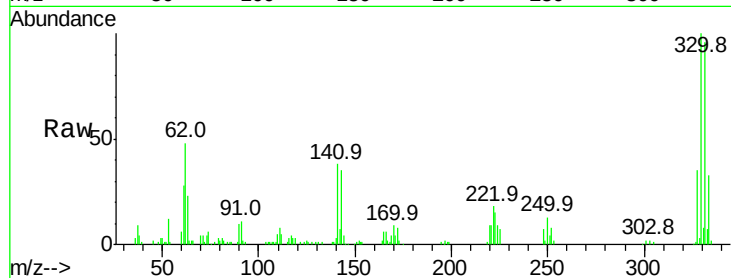
Time-->



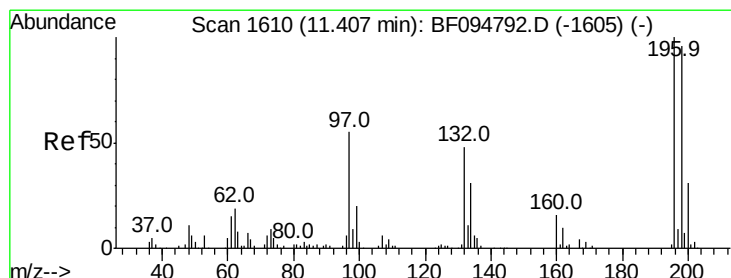
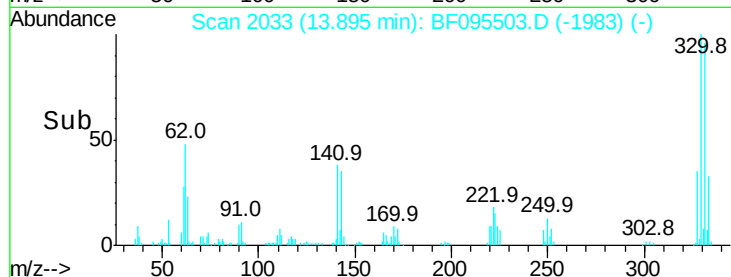
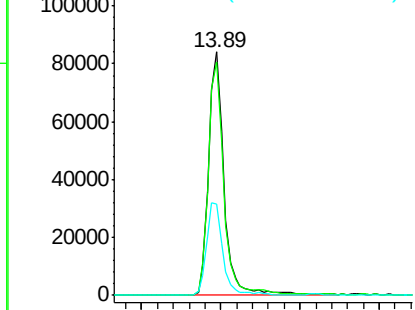
#41
 2,4,6-Tribromophenol
 Concen: 81.48 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 115043
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 115.0
 141 39.8 31.4 47.2

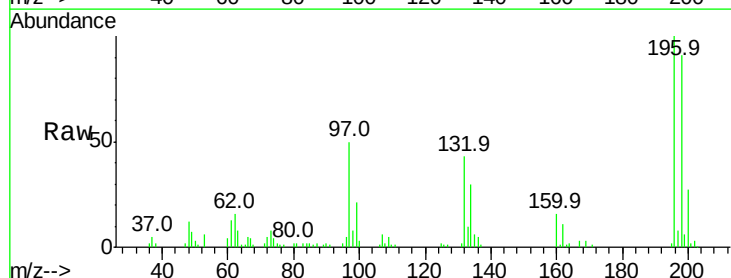


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

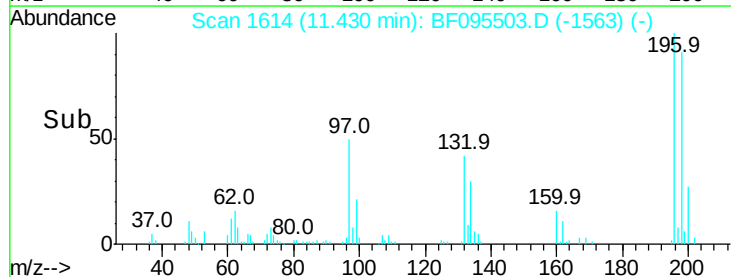
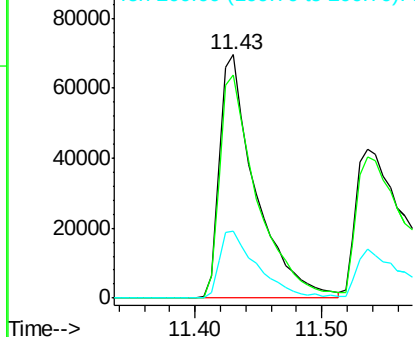


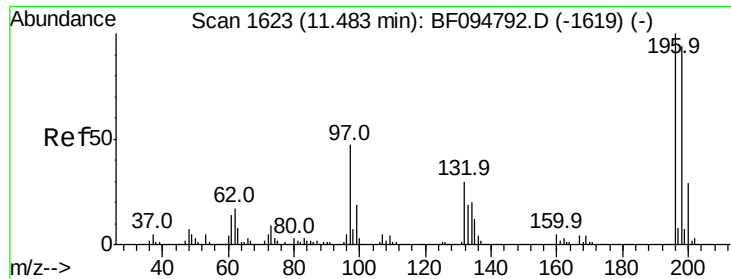
#42
 2,4,6-Trichlorophenol
 Concen: 39.04 ng
 RT: 11.43 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Tgt Ion:196 Resp: 138190
 Ion Ratio Lower Upper
 196 100
 198 91.5 74.2 111.4
 200 27.3 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

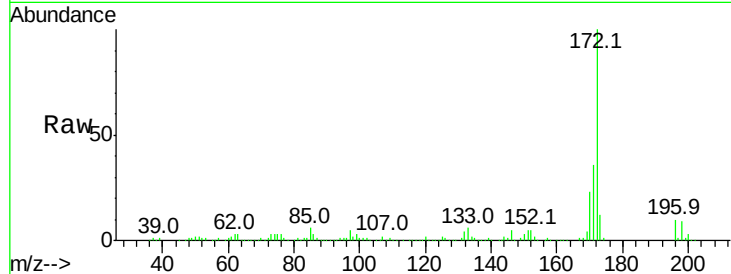




#43
 2,4,5-Trichlorophenol
 Concen: 34.54 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.7	113.5
97	51.3	47.7	71.5
132	37.0	28.0	42.0



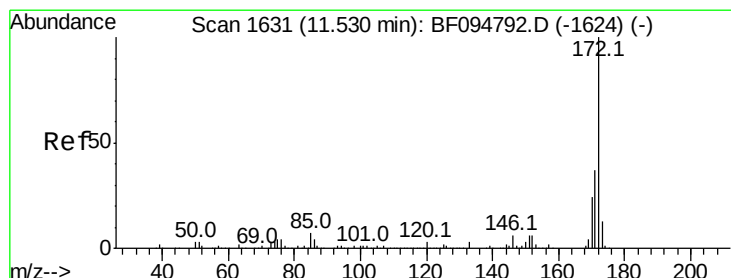
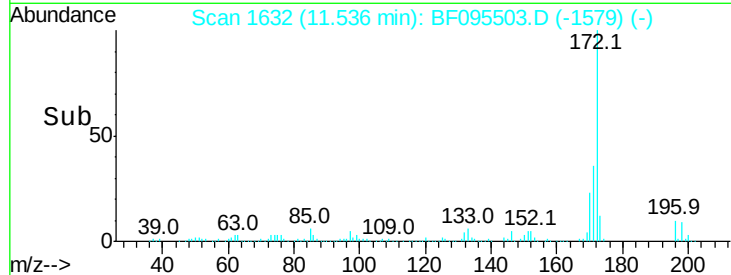
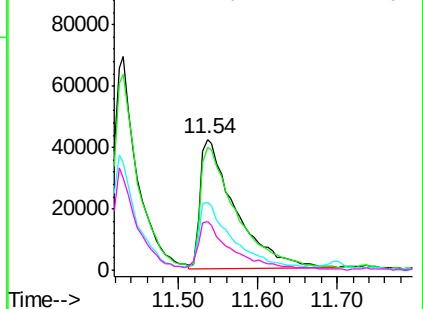
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

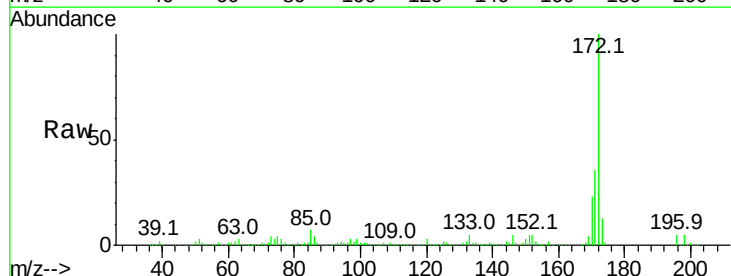
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 76.39 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	23.5	19.8	29.8

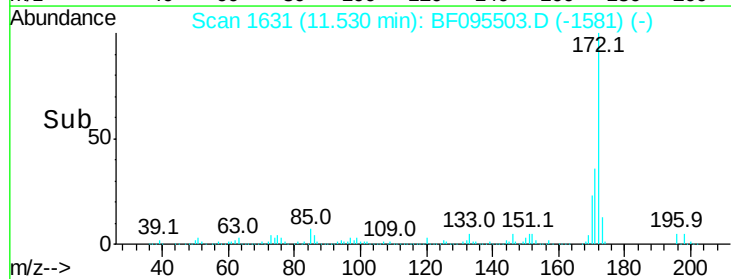
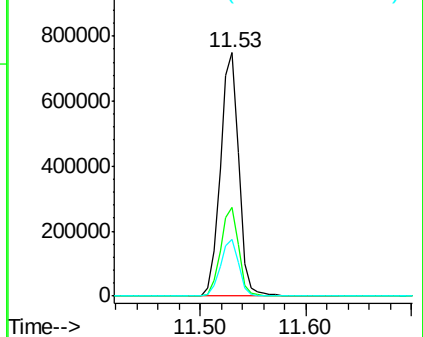


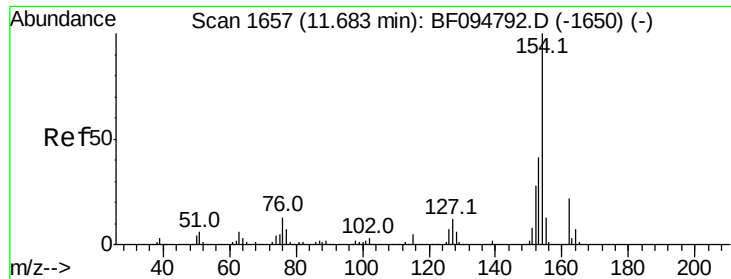
Abundance

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: 41.84 ng

RT: 11.68 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Instrument :

BNA_F

ClientSampleId :

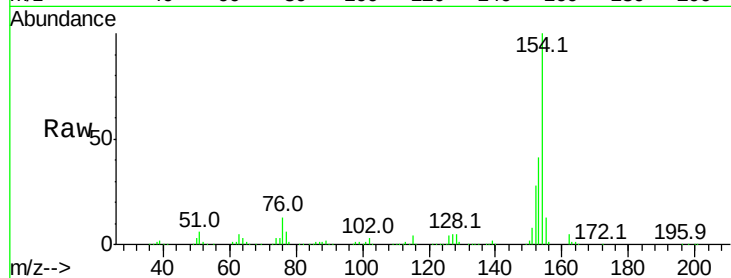
Tot Ion:154 Resp: 607396

Ion Ratio Lower Upper

154 100

153 41.1 21.2 61.2

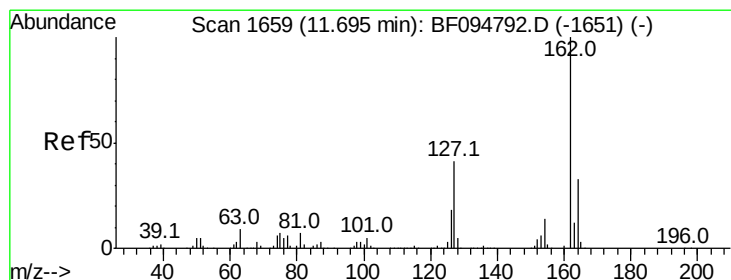
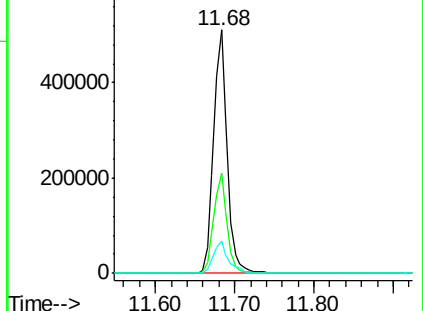
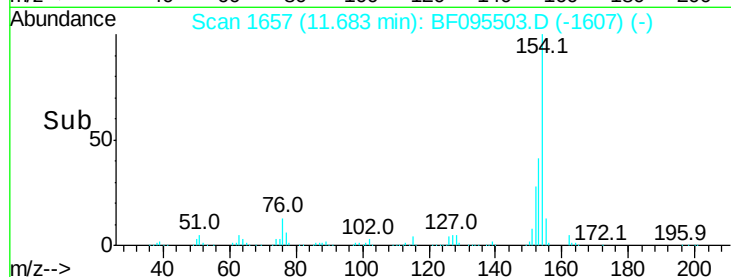
76 13.4 0.0 29.9



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: 40.92 ng

RT: 11.70 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

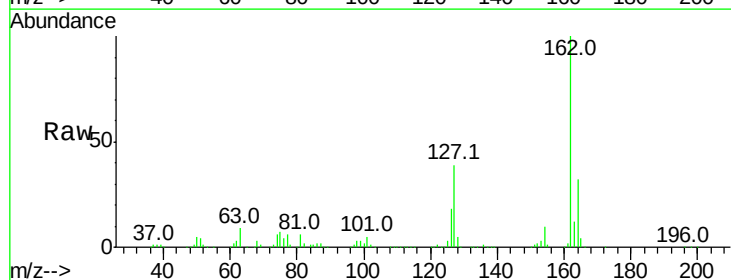
Tgt Ion:162 Resp: 479574

Ion Ratio Lower Upper

162 100

127 39.5 28.3 42.5

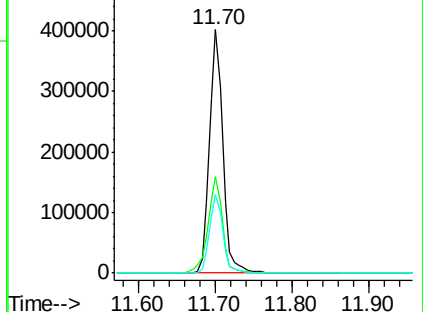
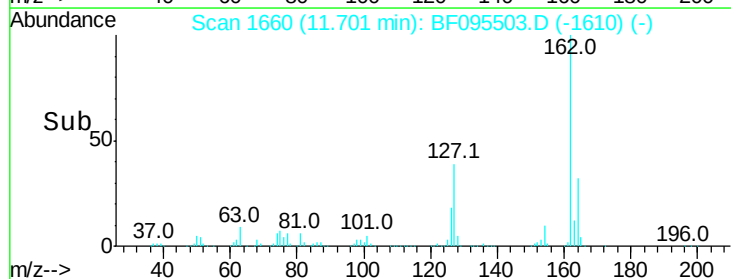
164 32.3 27.0 40.4

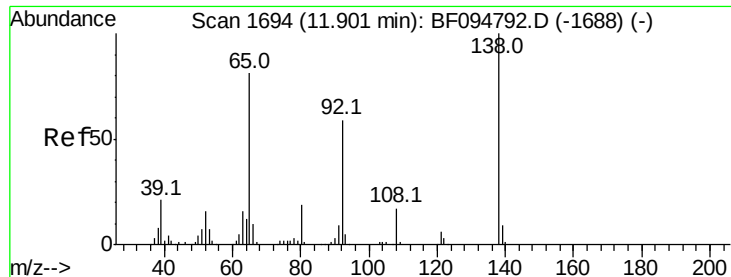


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

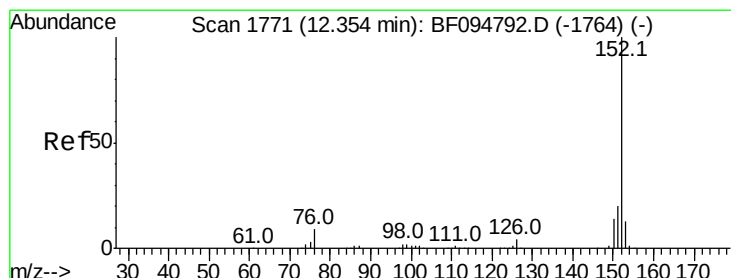
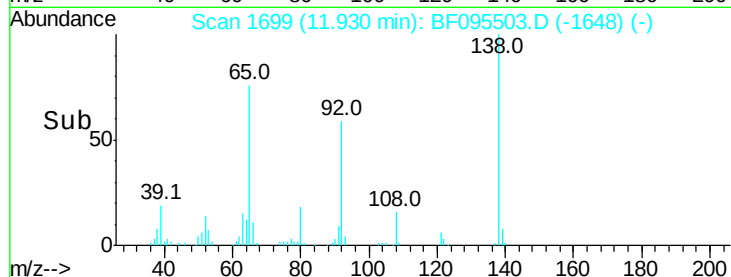
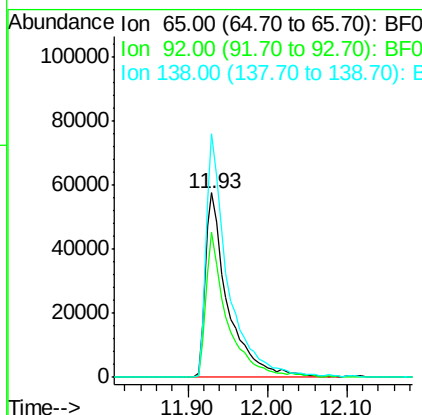
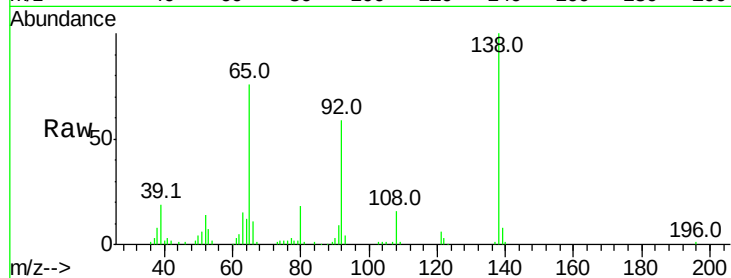




#47
2-Nitroaniline
Concen: 35.57 ng
RT: 11.93 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

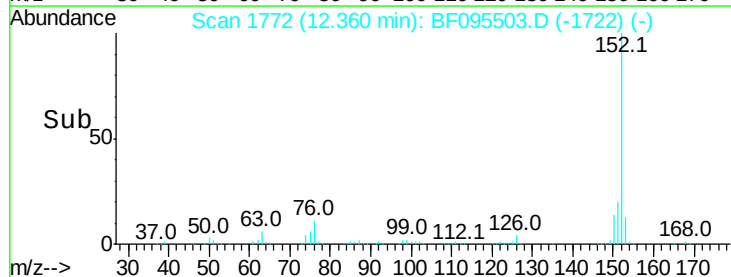
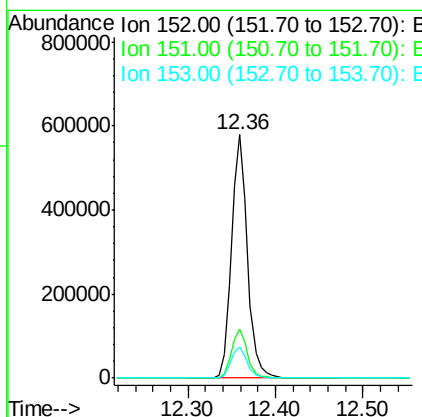
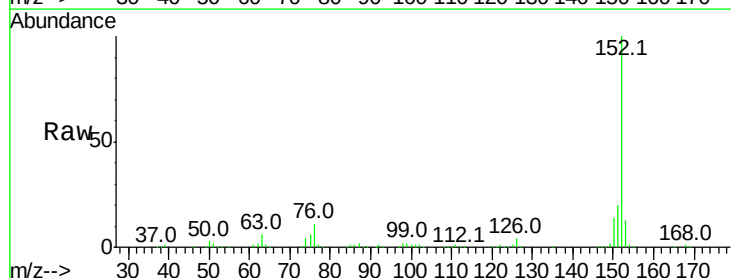
Instrument :
BNA_F
ClientSampled :

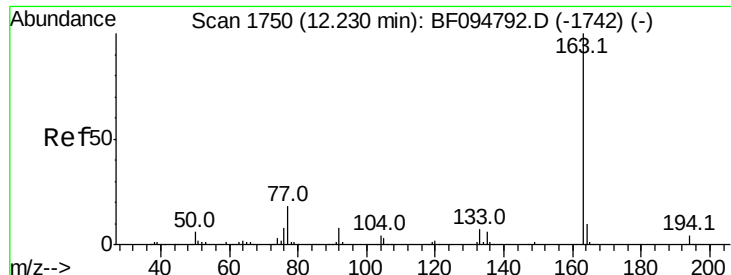
Tot Ion: 65 Resp: 114100
Ion Ratio Lower Upper
65 100
92 78.6 53.9 80.9
138 132.2 78.8 118.2#



#48
Acenaphthylene
Concen: 39.36 ng
RT: 12.36 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

Tgt Ion: 152 Resp: 722518
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 12.7 10.8 16.2





#49

Dimethylphthalate

Concen: 37.05 ng

RT: 12.24 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Instrument :

BNA_F

ClientSampleId :

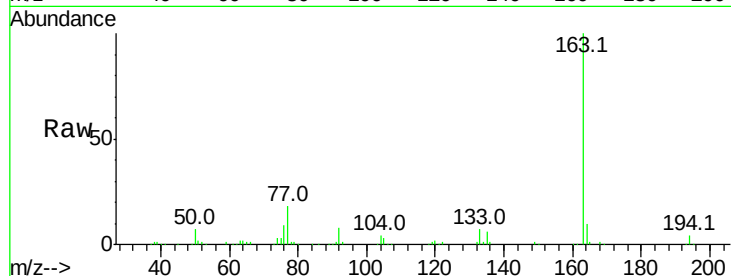
Tot Ion:163 Resp: 524382

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

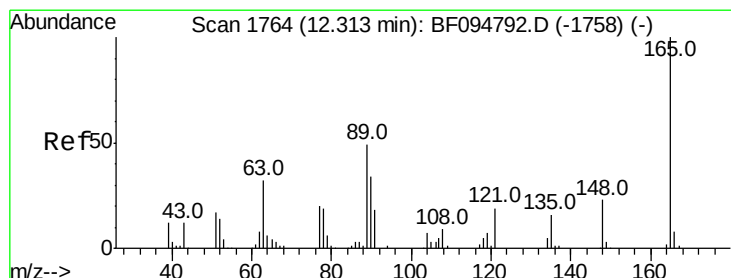
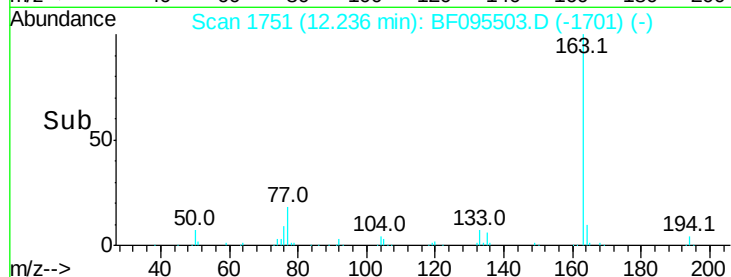
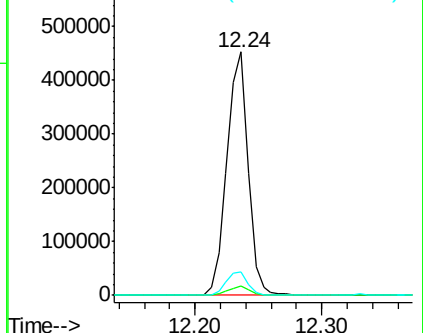
164 9.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.61 ng

RT: 12.33 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

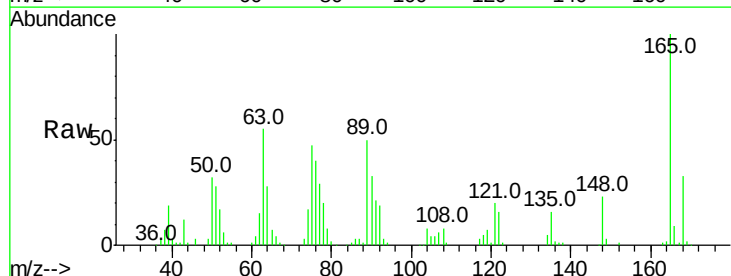
Tgt Ion:165 Resp: 111483

Ion Ratio Lower Upper

165 100

63 55.3 34.3 51.5#

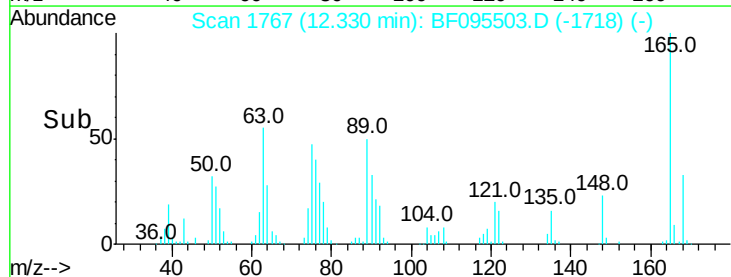
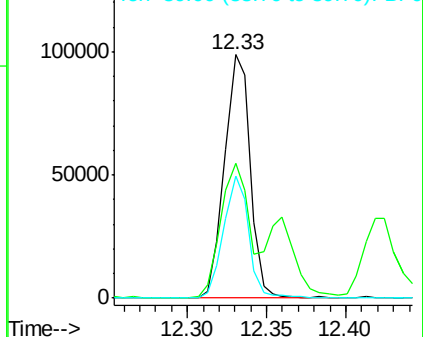
89 50.1 37.1 55.7

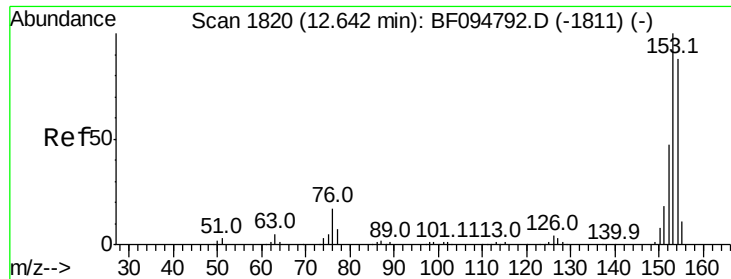


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

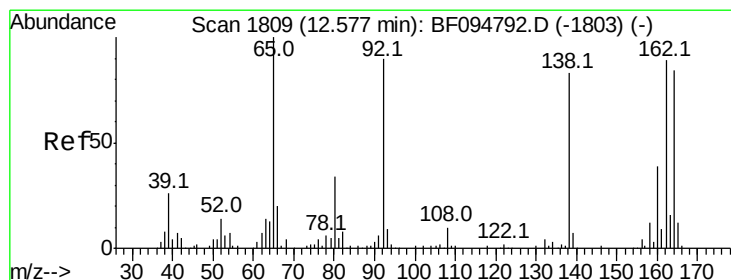
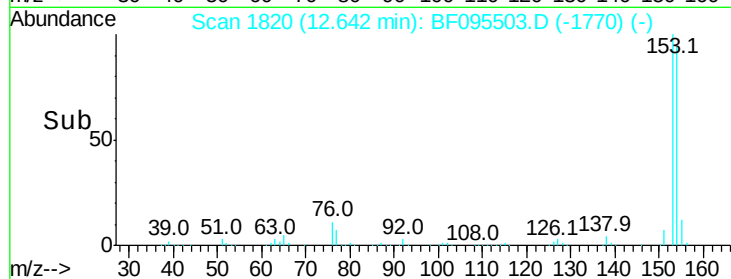
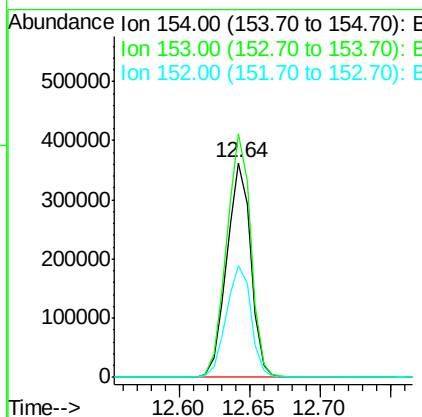
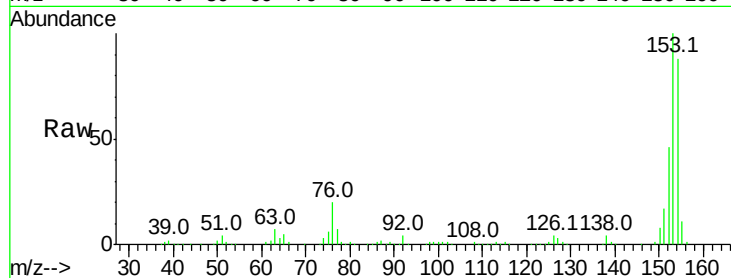




#51
Acenaphthene
Concen: 39.20 ng
RT: 12.64 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

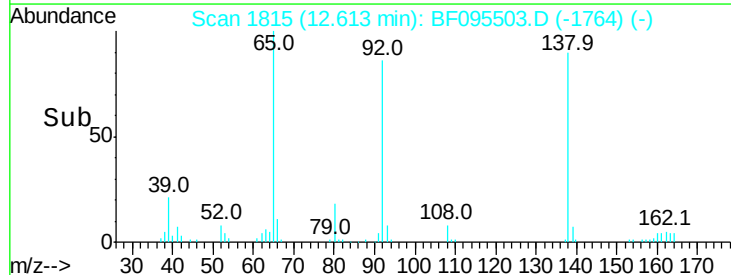
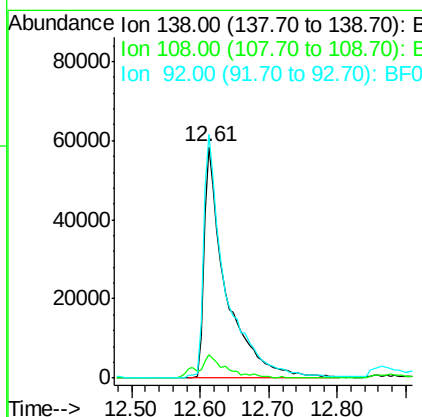
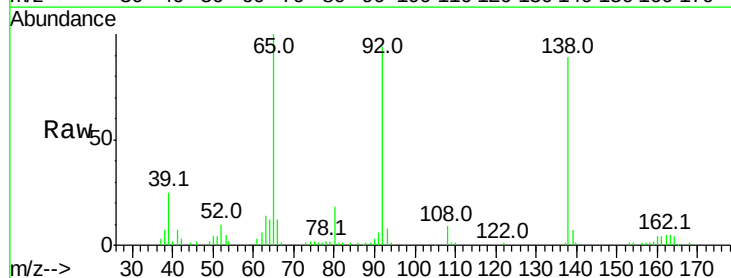
Instrument :
BNA_F
ClientSampleId :

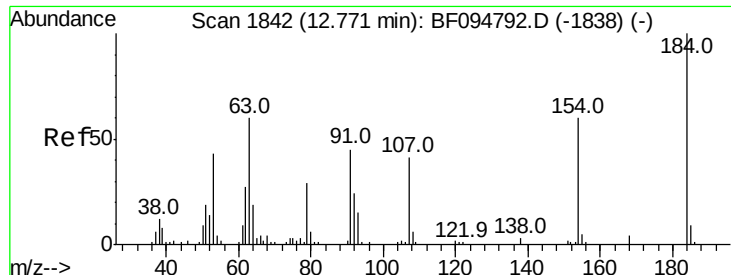
Tot Ion:154 Resp: 429797
Ion Ratio Lower Upper
154 100
153 113.7 90.5 135.7
152 52.5 43.6 65.4



#52
3-Nitroaniline
Concen: 42.00 ng
RT: 12.61 min Scan# 1815
Delta R.T. 0.00 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

Tgt Ion:138 Resp: 130153
Ion Ratio Lower Upper
138 100
108 10.4 9.1 13.7
92 105.2 93.8 140.6

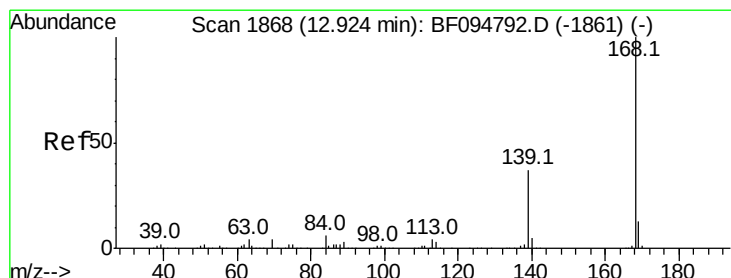
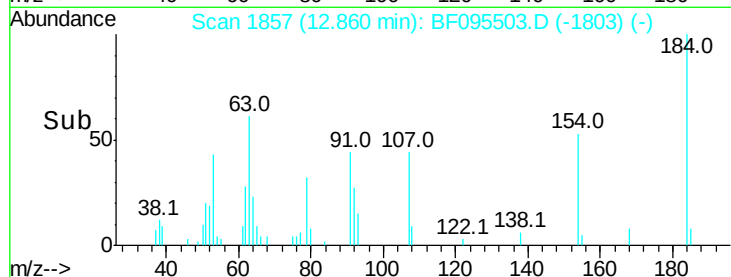
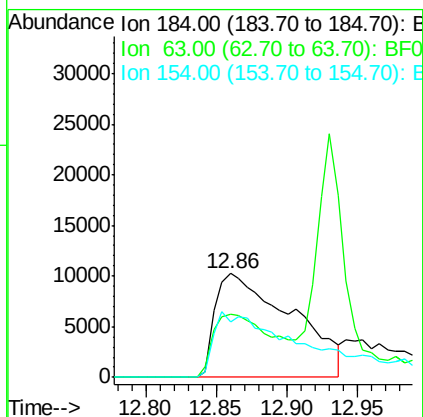
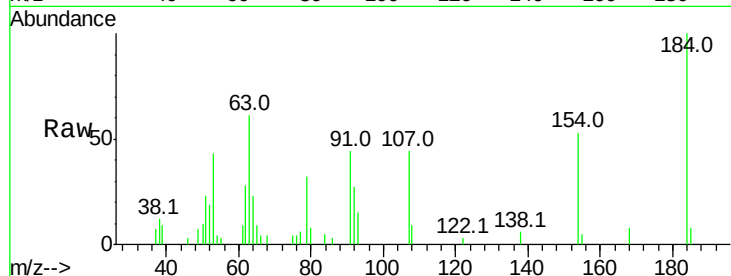




#53
 2,4-Dinitrophenol
 Concen: 28.76 ng
 RT: 12.86 min Scan# 1857
 Delta R.T. 0.02 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

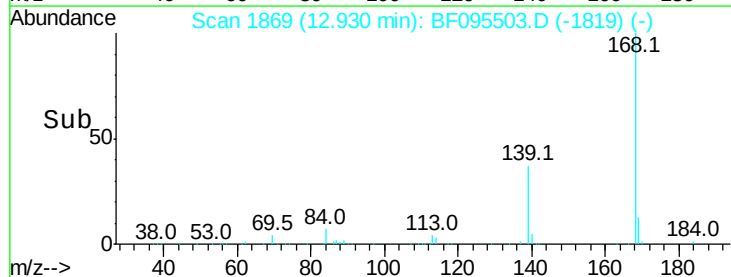
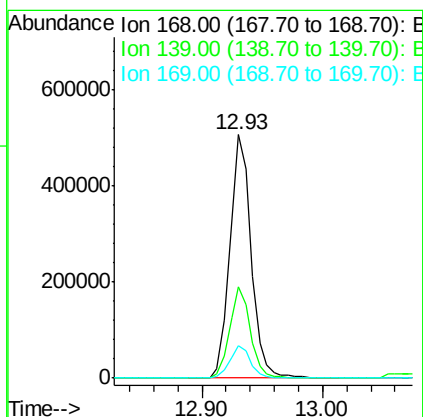
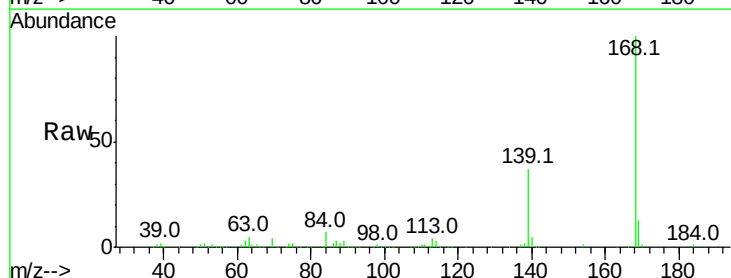
Instrument :
 BNA_F
 ClientSampled :

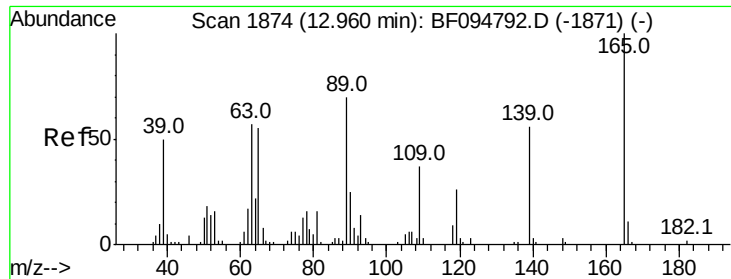
Tot Ion:184 Resp: 38844
 Ion Ratio Lower Upper
 184 100
 63 60.8 62.7 94.1#
 154 53.3 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.86 ng
 RT: 12.93 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Tgt Ion:168 Resp: 620003
 Ion Ratio Lower Upper
 168 100
 139 37.4 30.6 45.8
 169 13.3 10.8 16.2

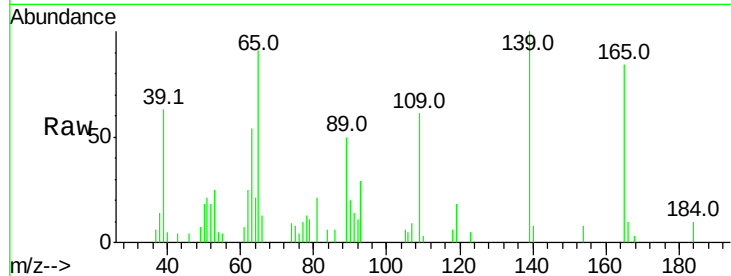




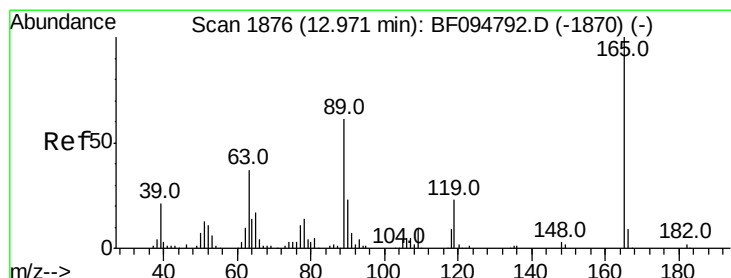
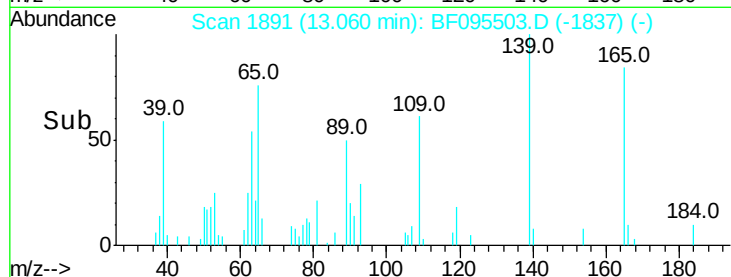
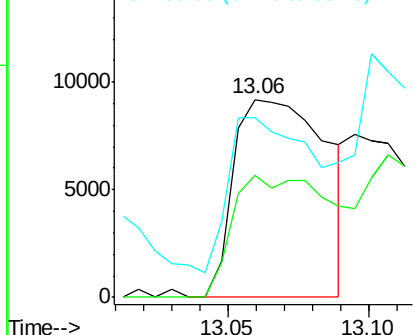
#55
4-Nitrophenol
Concen: 11.24 ng
RT: 13.06 min Scan# 1891
Delta R.T. 0.02 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 20918
Ion Ratio Lower Upper
139 100
109 61.5 34.1 74.1
65 90.9 31.4 71.4#



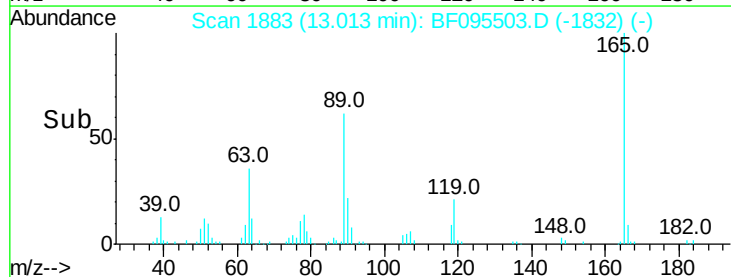
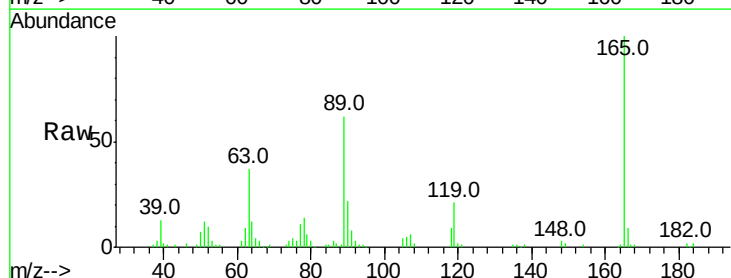
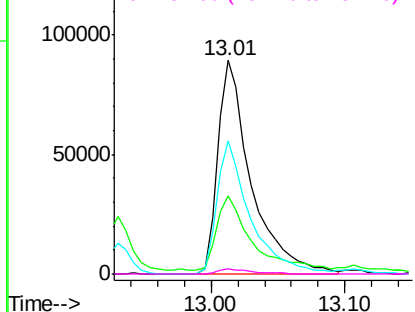
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

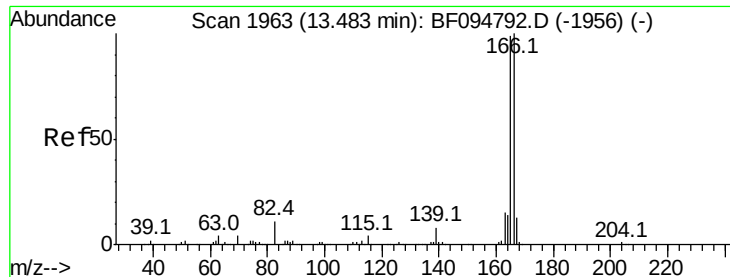


#56
2,4-Dinitrotoluene
Concen: 42.37 ng
RT: 13.01 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

Tgt Ion:165 Resp: 157219
Ion Ratio Lower Upper
165 100
63 36.7 25.4 38.0
89 62.2 46.4 69.6
182 2.5 1.8 2.6

Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 35.73 ng

RT: 13.49 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Instrument :

BNA_F

ClientSampled :

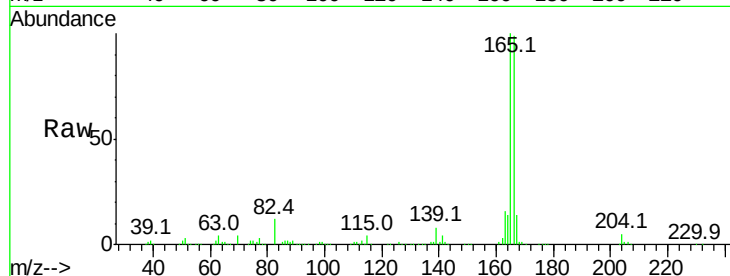
Tot Ion:166 Resp: 471382

Ion Ratio Lower Upper

166 100

165 100.5 78.8 118.2

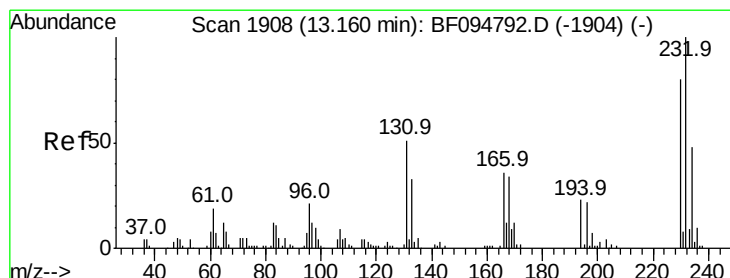
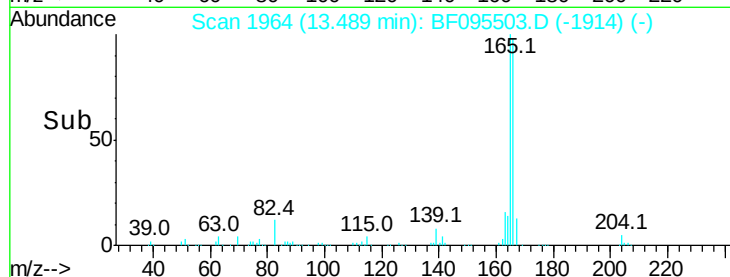
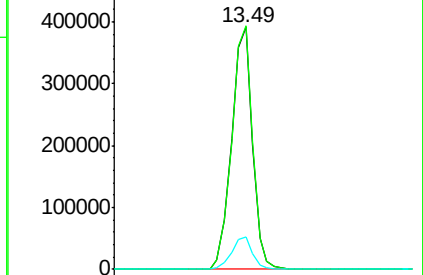
167 13.6 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 40.87 ng

RT: 13.18 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Tgt Ion:232 Resp: 97869

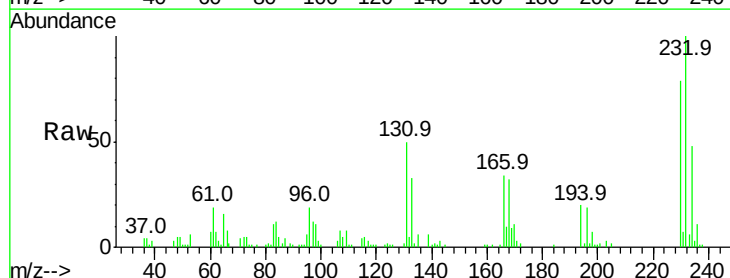
Ion Ratio Lower Upper

232 100

131 51.0 44.8 67.2

130 2.0 2.3 3.5#

166 27.2 29.0 43.4#

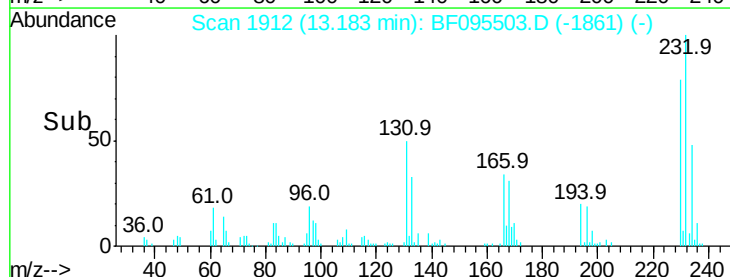
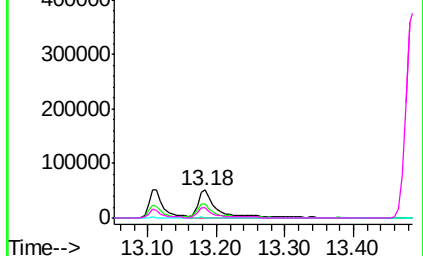


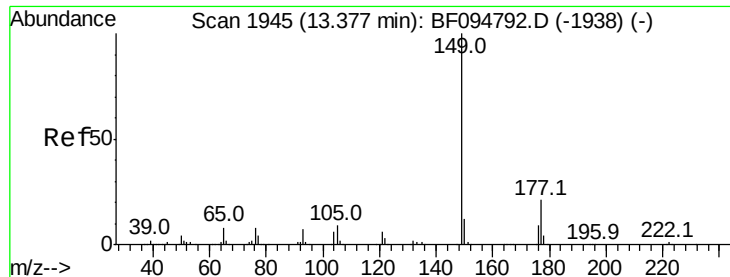
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

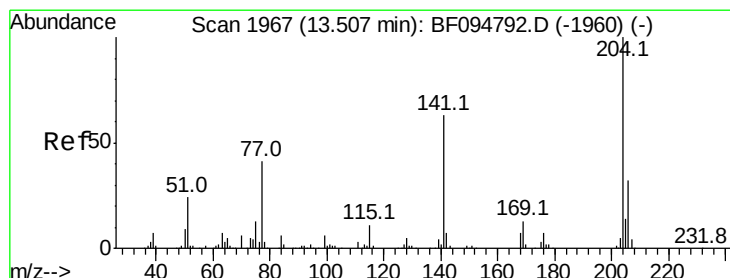
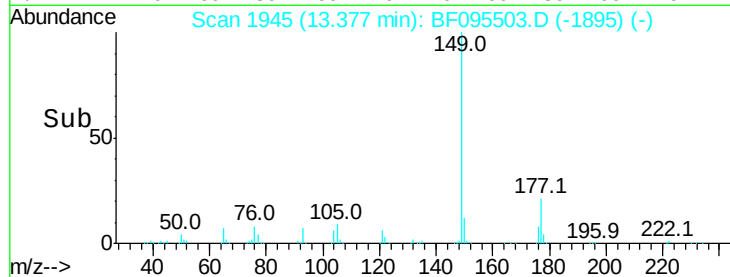
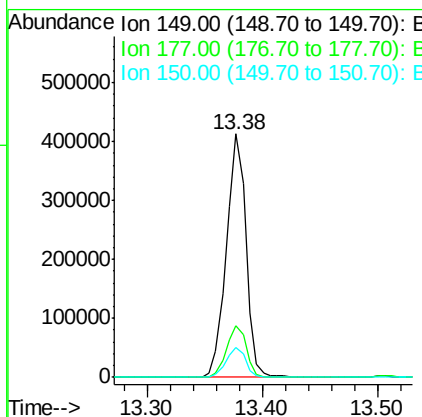
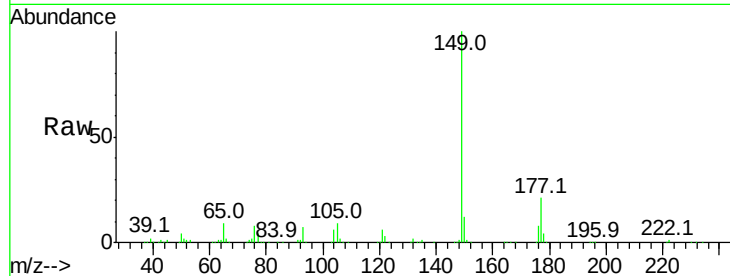




#59
Diethylphthalate
Concen: 35.81 ng
RT: 13.38 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

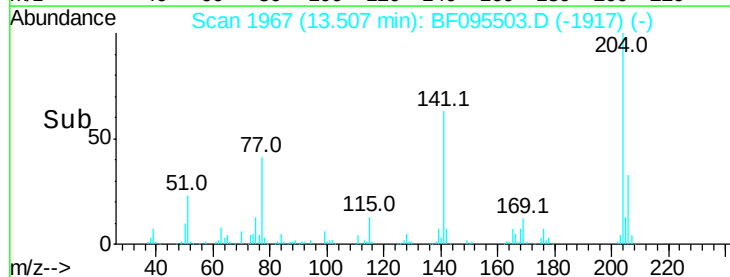
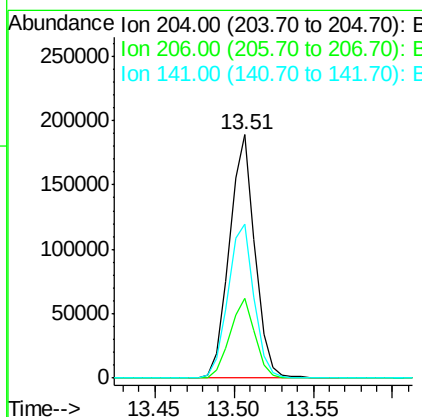
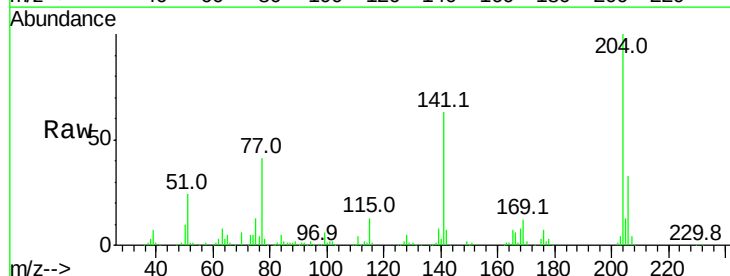
Instrument :
BNA_F
ClientSampled :

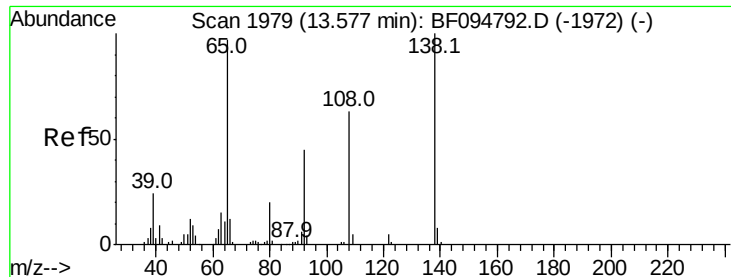
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.7	25.1
150	12.1	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 36.21 ng
RT: 13.51 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.2	39.2
141	63.2	60.8	91.2

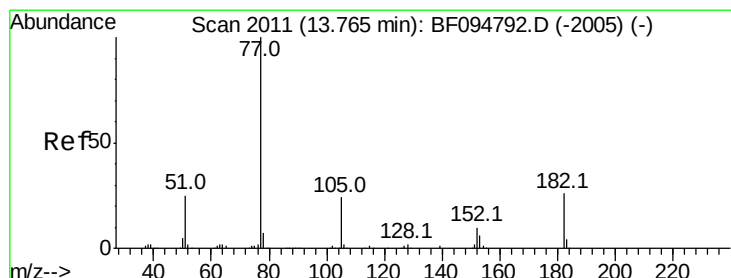
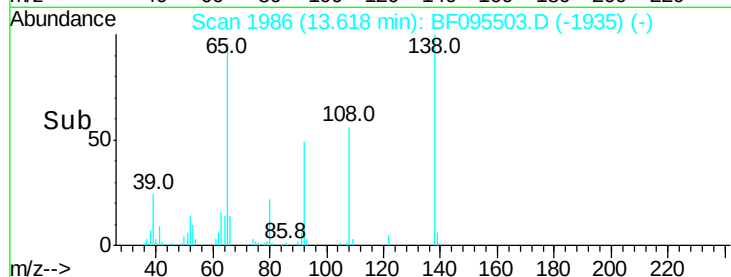
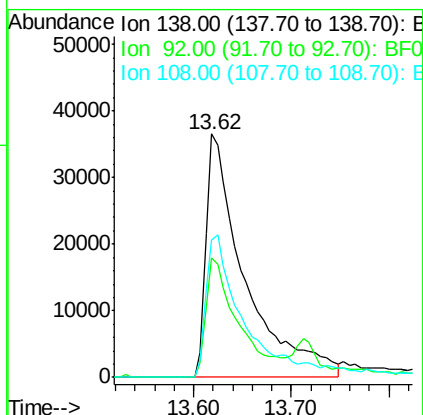
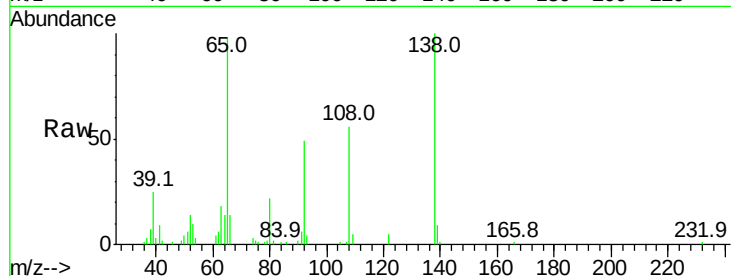




#61
4-Nitroaniline
Concen: 35.25 ng
RT: 13.62 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

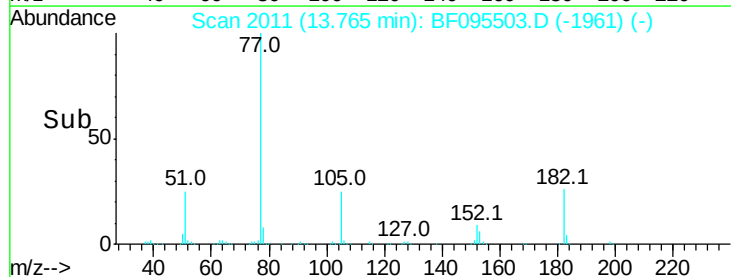
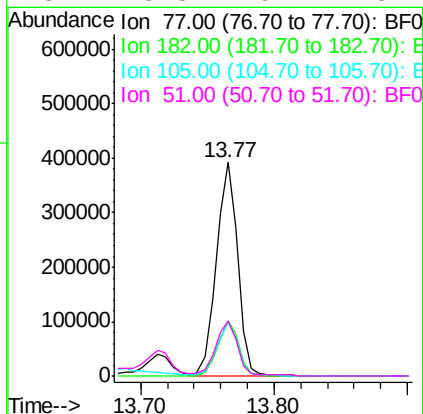
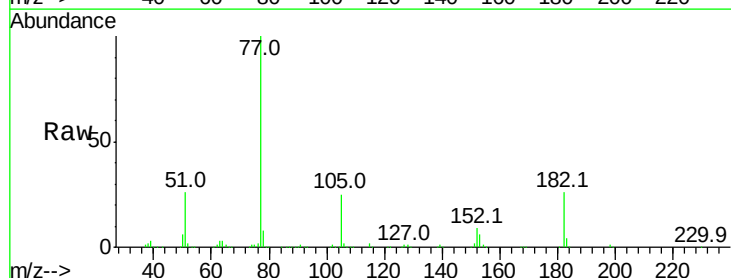
Instrument :
BNA_F
ClientSampled :

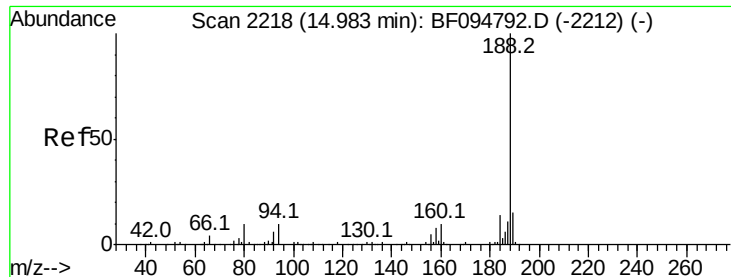
Tot Ion:138 Resp: 100293
Ion Ratio Lower Upper
138 100
92 48.9 21.8 61.8
108 56.2 42.3 82.3



#62
Azobenzene
Concen: 40.69 ng
RT: 13.77 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

Tgt Ion: 77 Resp: 443602
Ion Ratio Lower Upper
77 100
182 25.5 0.1 40.1
105 25.4 3.6 43.6
51 25.8 9.4 49.4

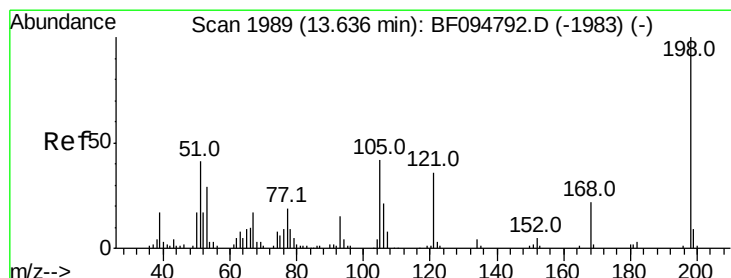
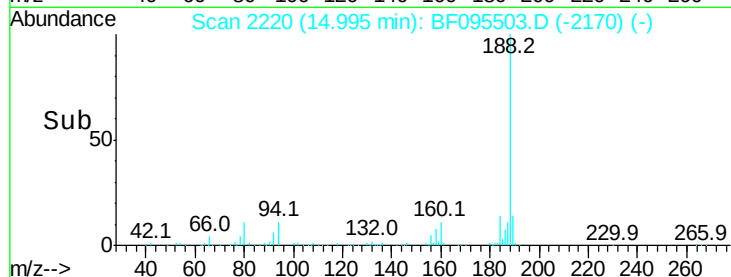
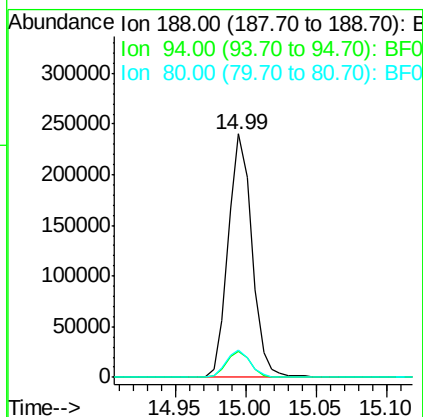
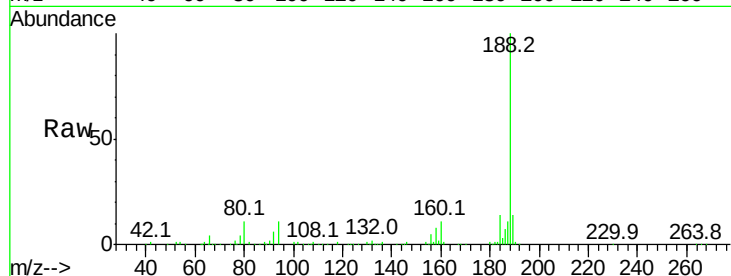




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.99 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

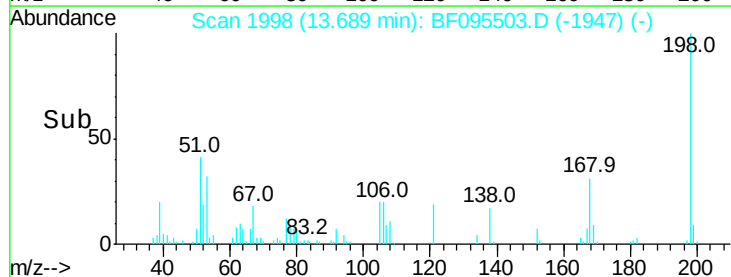
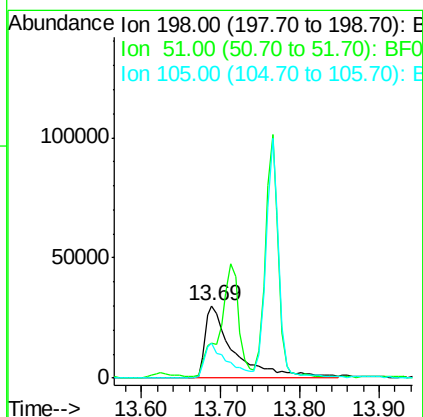
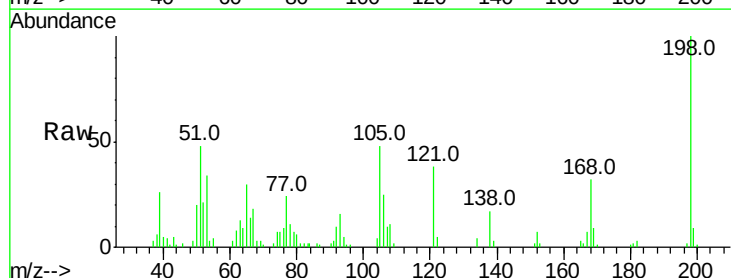
Instrument :
 BNA_F
 ClientSampleId :

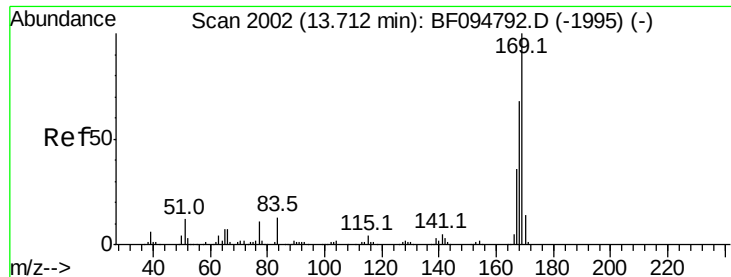
Tot Ion:188 Resp: 282182
 Ion Ratio Lower Upper
 188 100
 94 10.9 9.4 14.2
 80 11.5 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.79 ng
 RT: 13.69 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Tgt Ion:198 Resp: 77154
 Ion Ratio Lower Upper
 198 100
 51 47.6 53.2 93.2#
 105 48.3 45.8 85.8

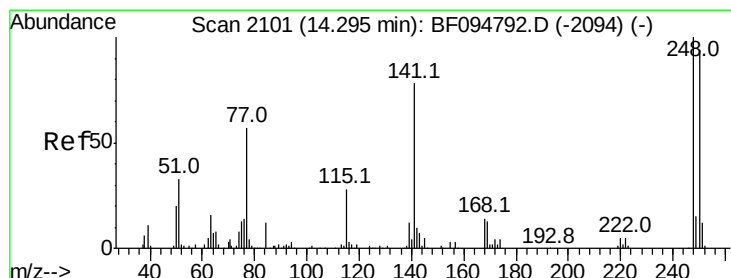
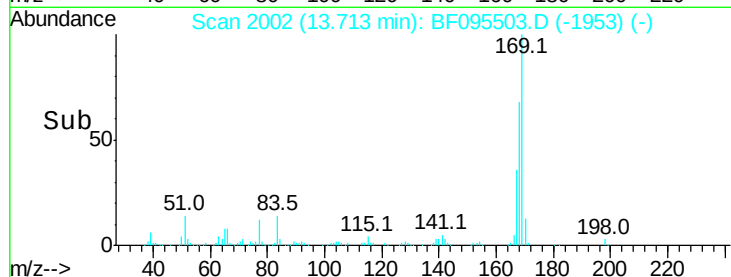
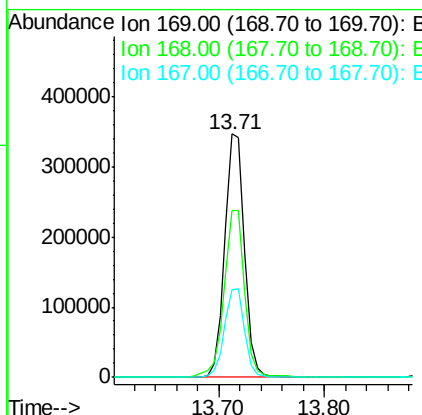
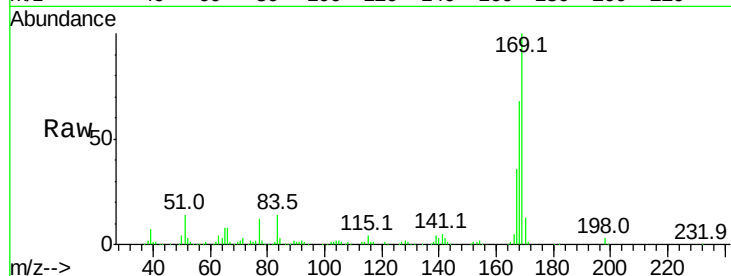




#65
 n-Nitrosodiphenylamine
 Concen: 43.78 ng
 RT: 13.71 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

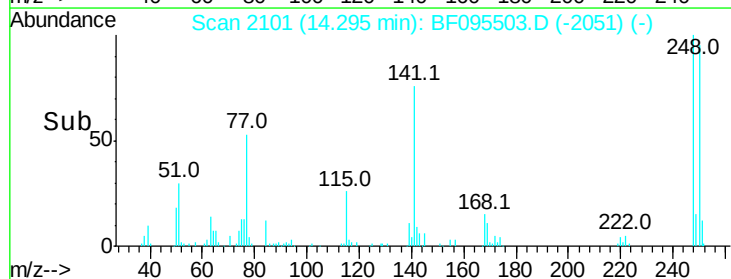
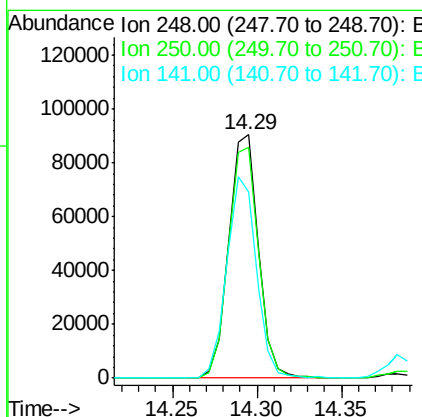
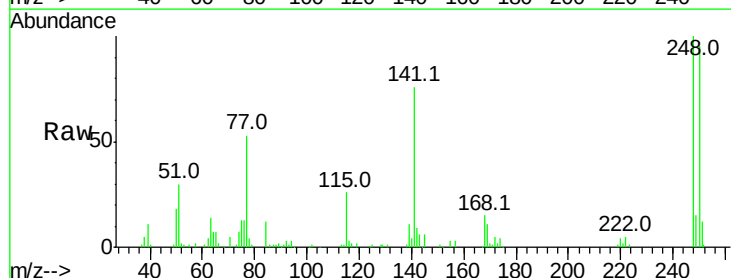
Instrument :
 BNA_F
 ClientSampleId :

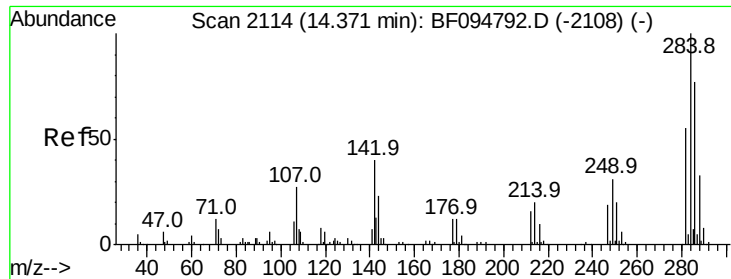
Tot Ion:169 Resp: 448370
 Ion Ratio Lower Upper
 169 100
 168 68.4 53.2 79.8
 167 36.0 29.5 44.3



#66
 4-Bromophenyl-phenylether
 Concen: 36.93 ng
 RT: 14.29 min Scan# 2101
 Delta R.T. -0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Tgt Ion:248 Resp: 110111
 Ion Ratio Lower Upper
 248 100
 250 94.7 76.8 115.2
 141 76.5 68.6 103.0





#67

Hexachlorobenzene

Concen: 36.49 ng

RT: 14.38 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Instrument :

BNA_F

ClientSampled :

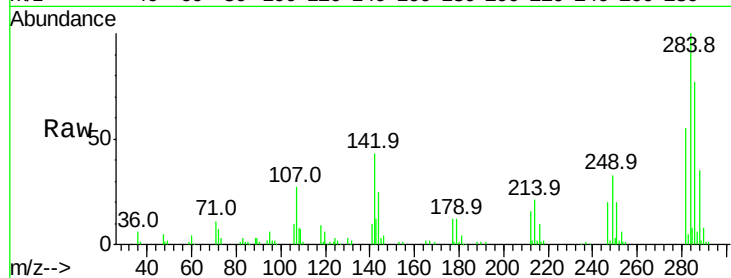
Tot Ion:284 Resp: 111484

Ion Ratio Lower Upper

284 100

142 42.5 22.8 34.2#

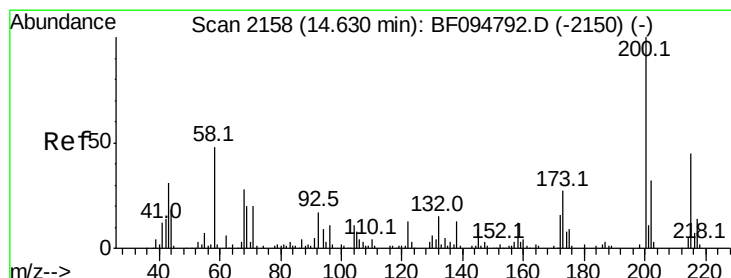
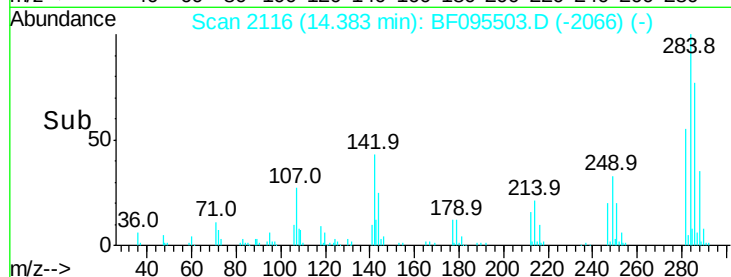
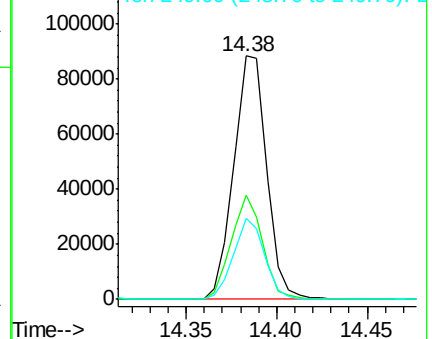
249 33.1 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 37.60 ng

RT: 14.64 min Scan# 2160

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

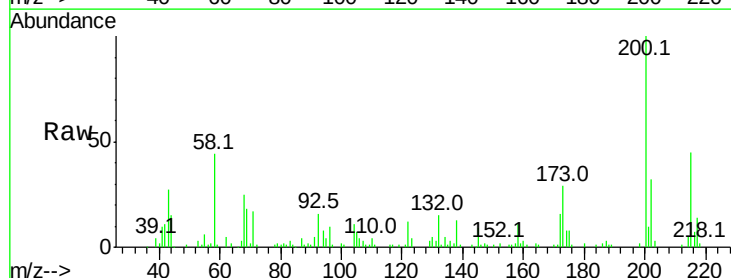
Tgt Ion:200 Resp: 108724

Ion Ratio Lower Upper

200 100

173 29.2 6.3 46.3

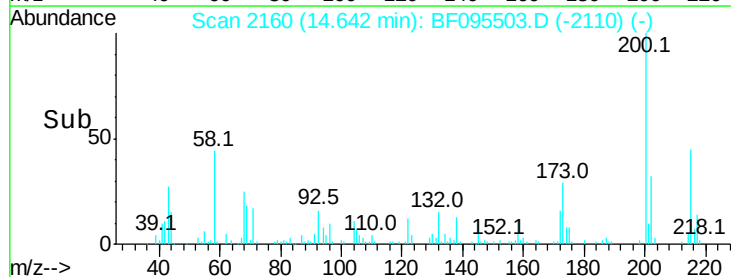
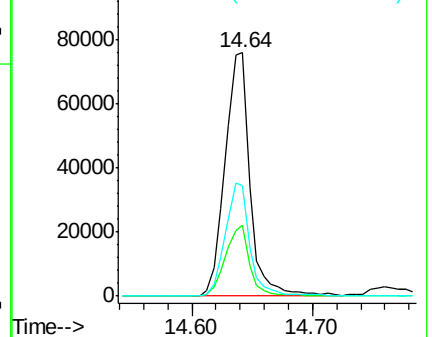
215 45.4 27.2 67.2

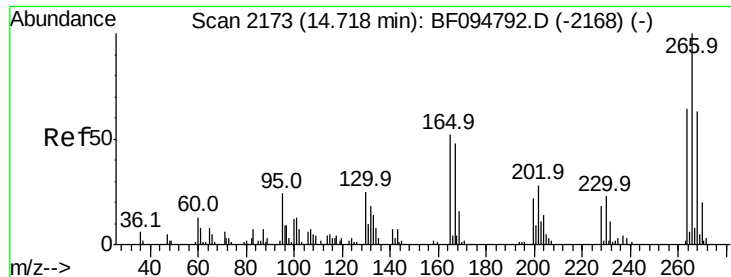


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

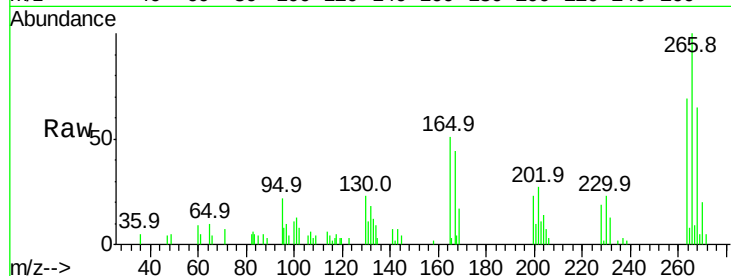




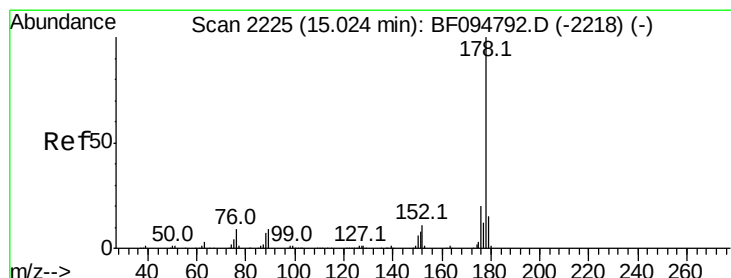
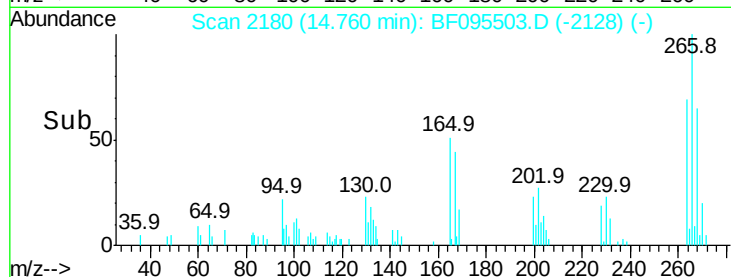
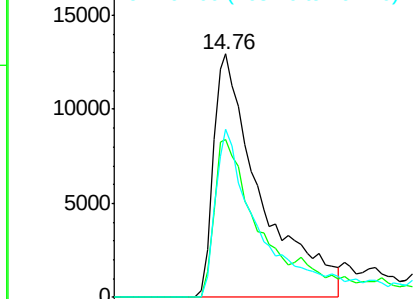
#69
 Pentachlorophenol
 Concen: 33.07 ng
 RT: 14.76 min Scan# 2180
 Delta R.T. 0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 40553
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.1 76.7
 264 68.8 51.7 77.5

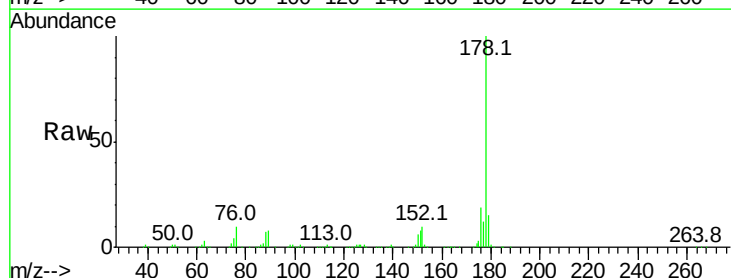


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

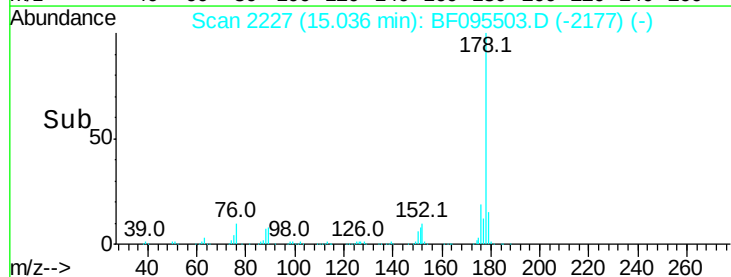
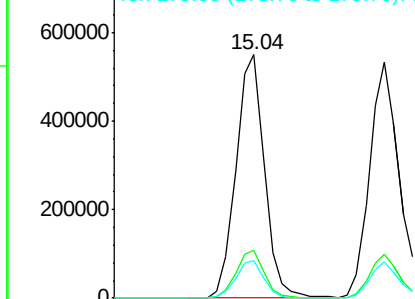


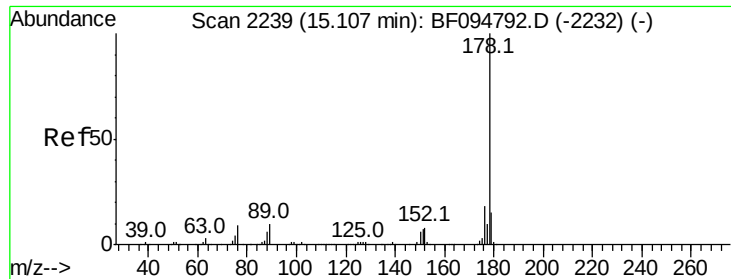
#70
 Phenanthrene
 Concen: 42.10 ng
 RT: 15.04 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Tgt Ion:178 Resp: 682609
 Ion Ratio Lower Upper
 178 100
 176 19.4 16.2 24.4
 179 15.5 12.6 19.0



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

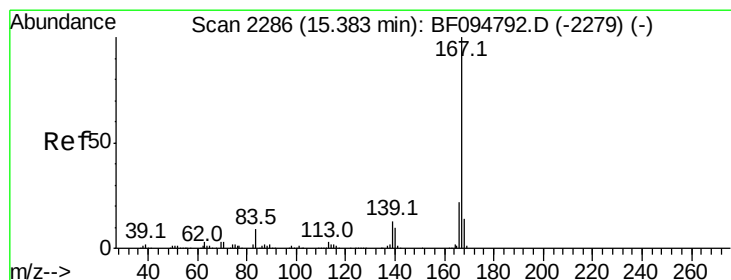
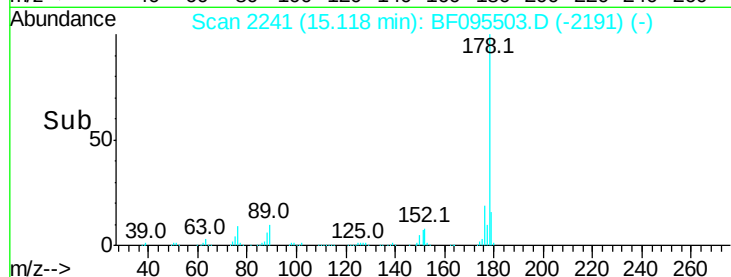
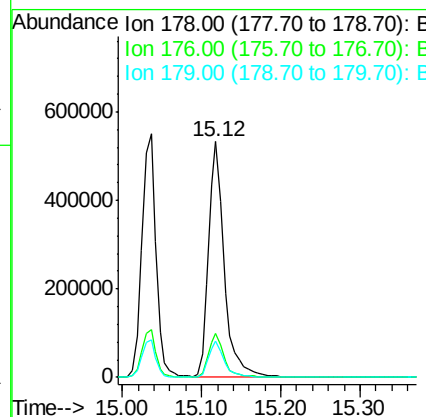
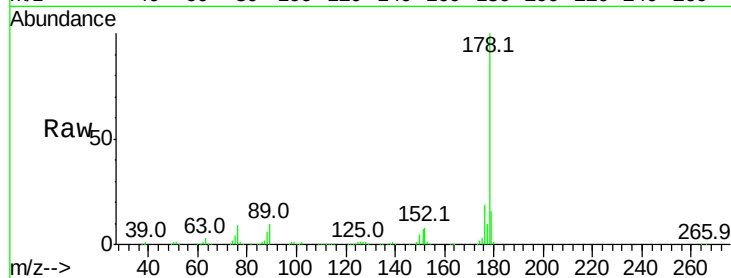




#71
 Anthracene
 Concen: 44.78 ng
 RT: 15.12 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

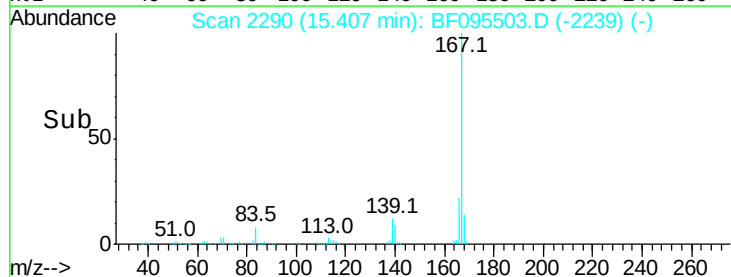
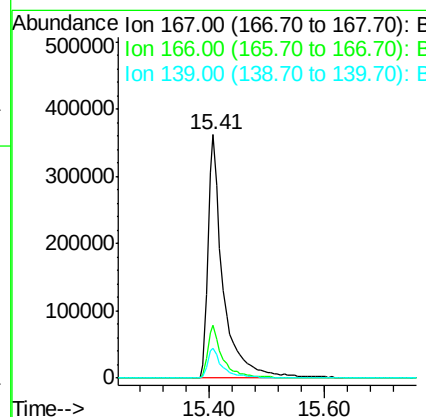
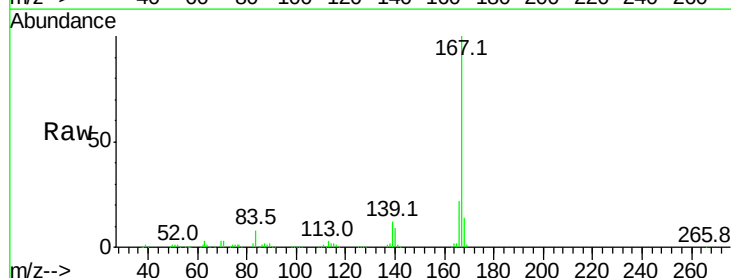
Instrument :
 BNA_F
 ClientSampleId :

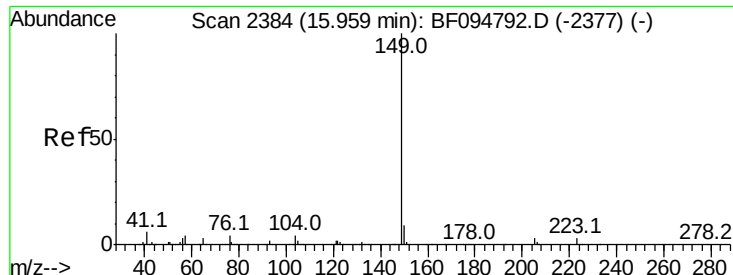
Tot Ion:178 Resp: 741673
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 44.61 ng
 RT: 15.41 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Tgt Ion:167 Resp: 672209
 Ion Ratio Lower Upper
 167 100
 166 22.0 18.1 27.1
 139 12.5 11.7 17.5

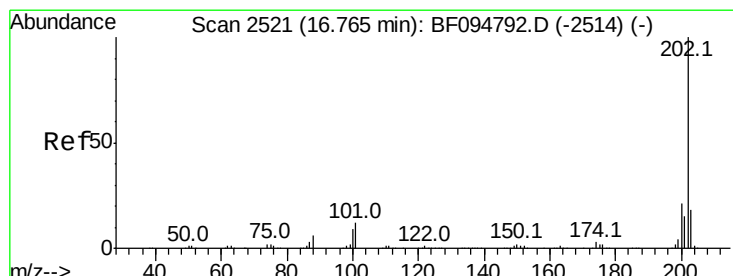
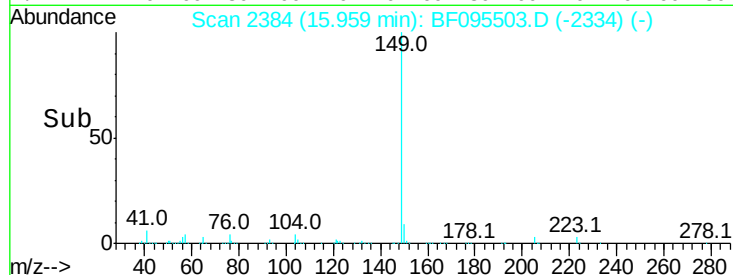
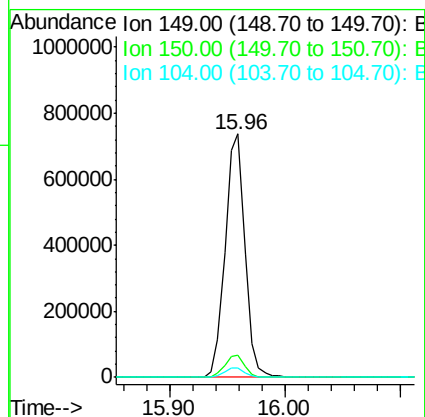
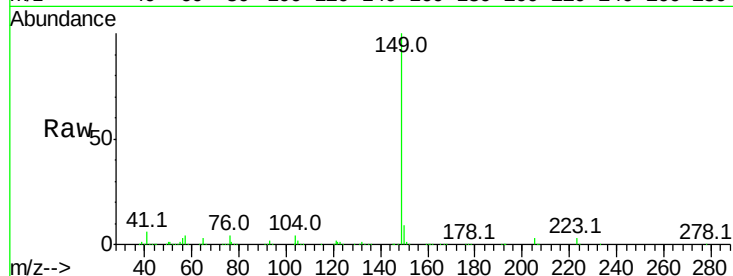




#73
Di-n-butylphthalate
Concen: 46.48 ng
RT: 15.96 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

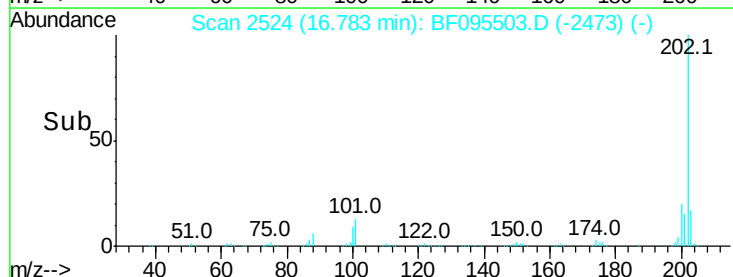
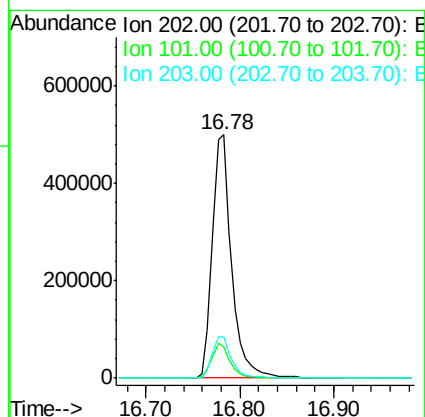
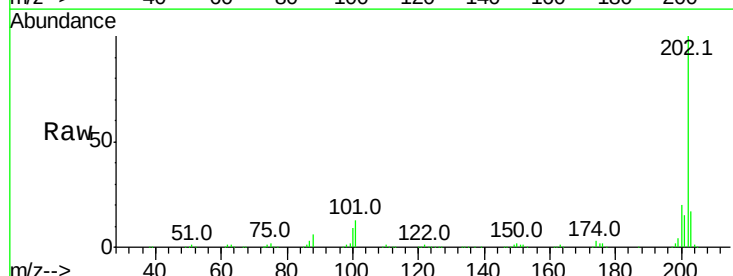
Instrument :
BNA_F
ClientSampleId :

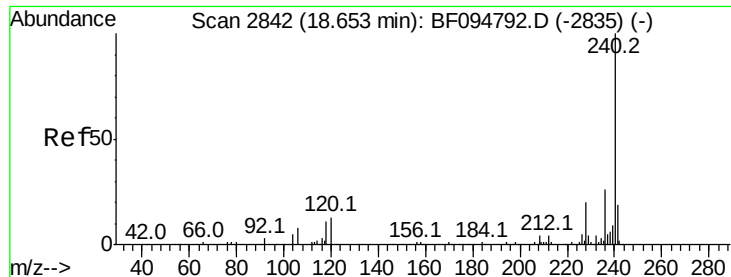
Tot Ion:149 Resp: 873419
Ion Ratio Lower Upper
149 100
150 8.9 7.7 11.5
104 4.0 4.0 6.0#



#74
Fluoranthene
Concen: 43.86 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

Tgt Ion:202 Resp: 729396
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.2
203 17.0 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.67 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Instrument :

BNA_F

ClientSampled :

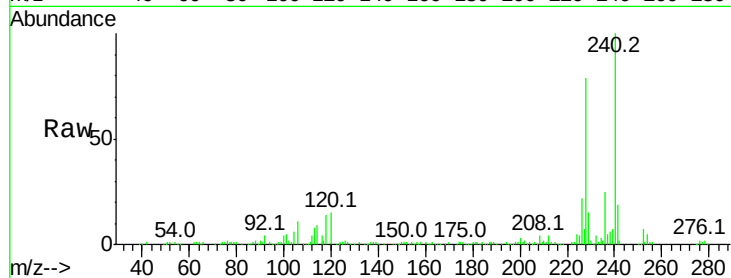
Tot Ion:240 Resp: 251131

Ion Ratio Lower Upper

240 100

120 14.6 5.8 8.8#

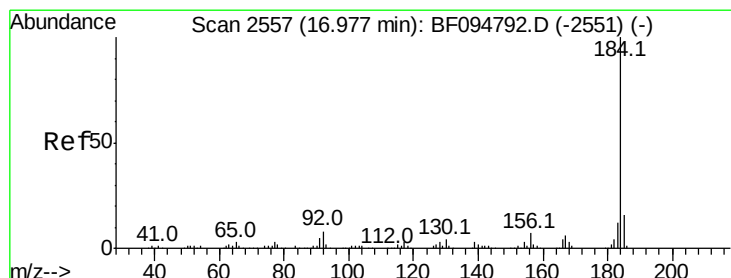
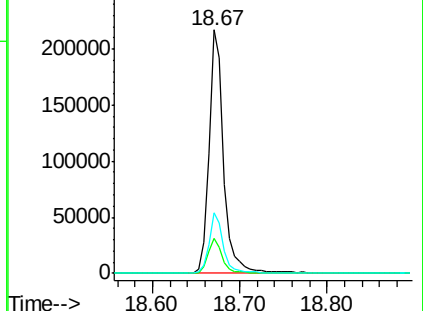
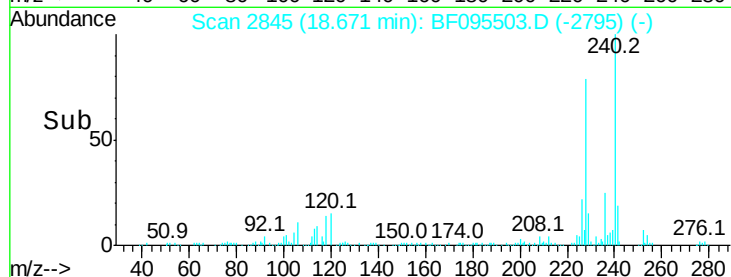
236 24.7 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 49.65 ng

RT: 17.01 min Scan# 2562

Delta R.T. 0.00 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

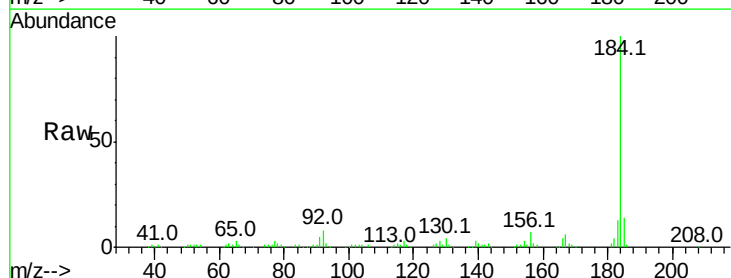
Tgt Ion:184 Resp: 338977

Ion Ratio Lower Upper

184 100

185 14.0 15.5 23.3#

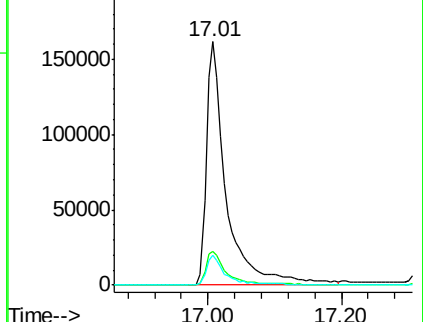
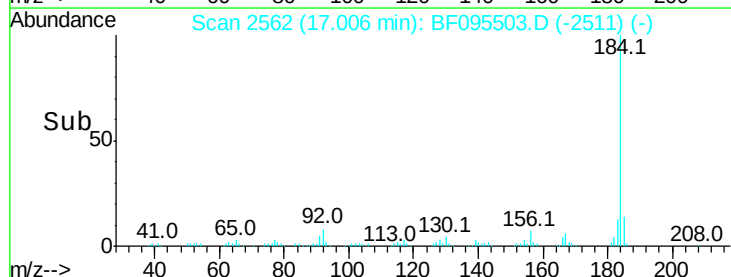
183 12.5 9.8 14.6

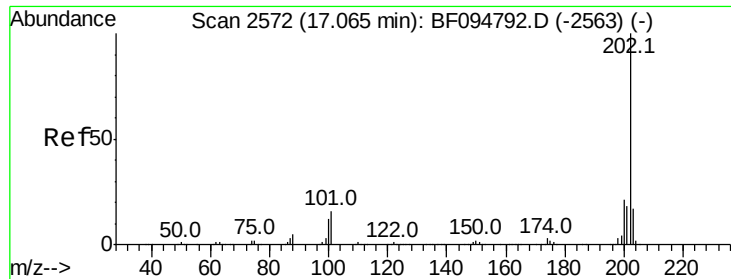


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

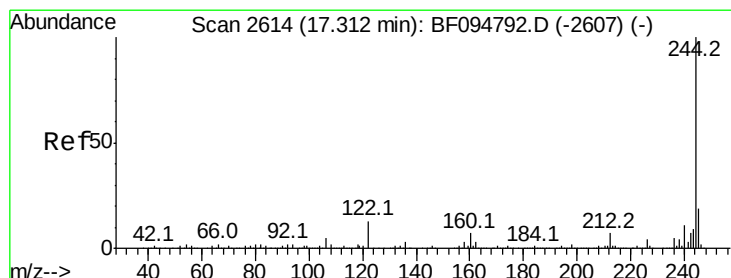
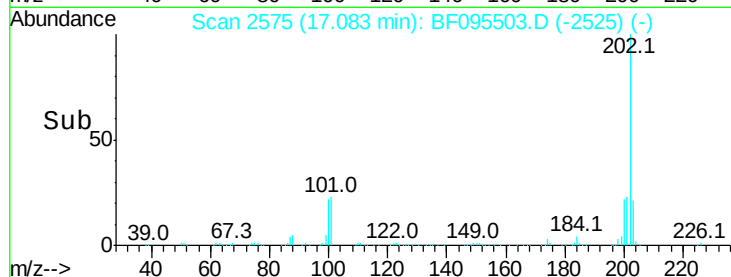
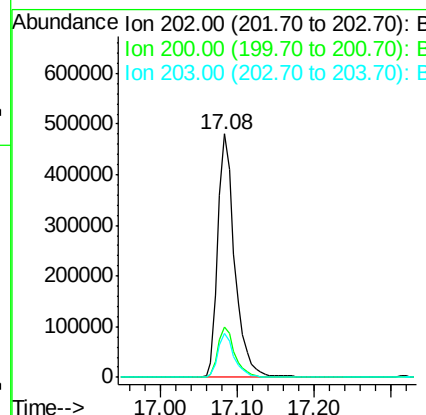
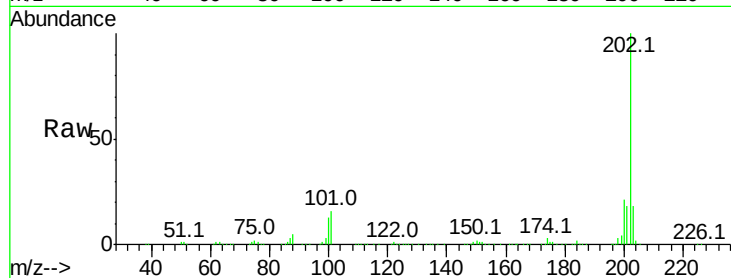




#77
Pvrene
Concen: 38.63 ng
RT: 17.08 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

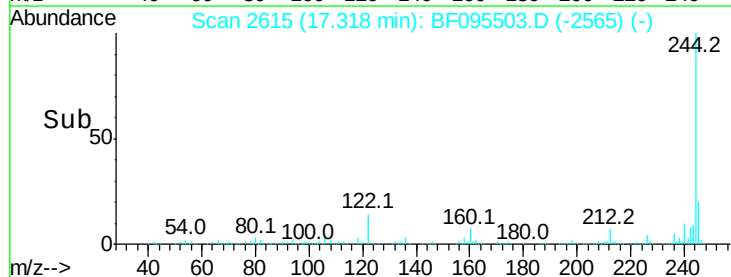
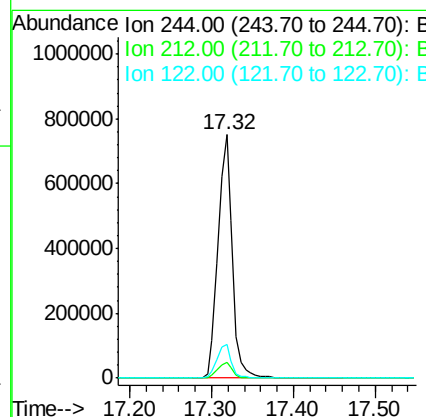
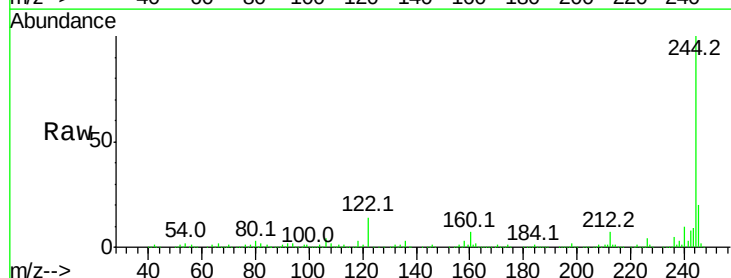
Instrument :
BNA_F
ClientSampleId :

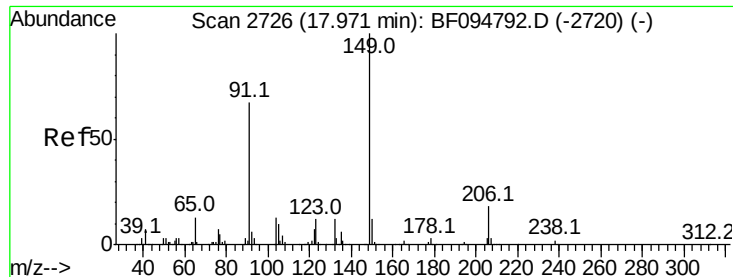
Tot Ion:202 Resp: 725500
Ion Ratio Lower Upper
202 100
200 20.7 17.6 26.4
203 18.1 14.4 21.6



#78
Terphenyl-d14
Concen: 80.70 ng
RT: 17.32 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

Tgt Ion:244 Resp: 920159
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 13.9 10.3 15.5





#79

Butylbenzylphthalate

Concen: 41.08 ng

RT: 17.97 min Scan# 2726

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Instrument :

BNA_F

ClientSampleId :

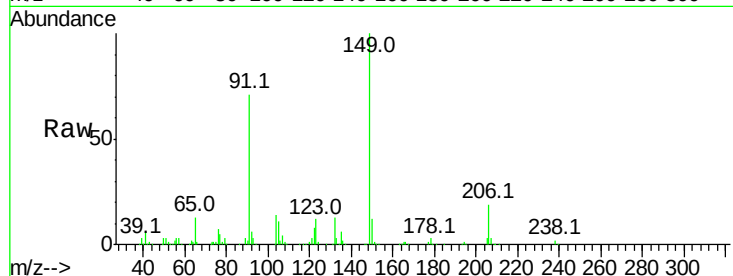
Tot Ion:149 Resp: 358913

Ion Ratio Lower Upper

149 100

91 70.6 45.0 67.4#

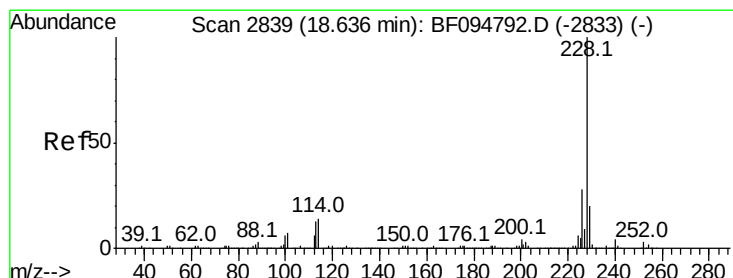
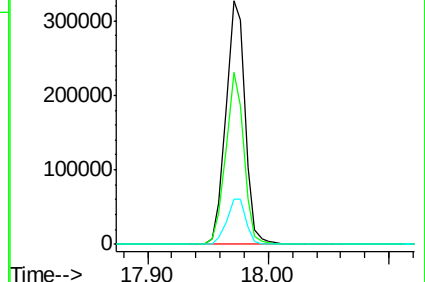
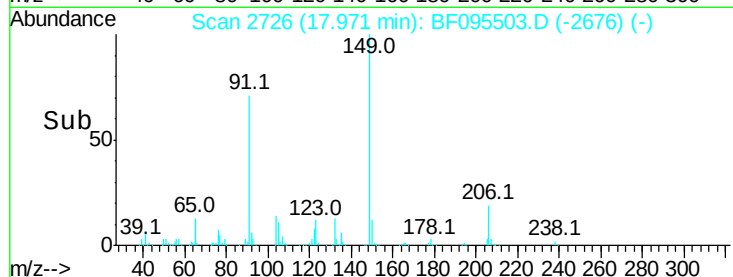
206 18.7 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 37.97 ng

RT: 18.66 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

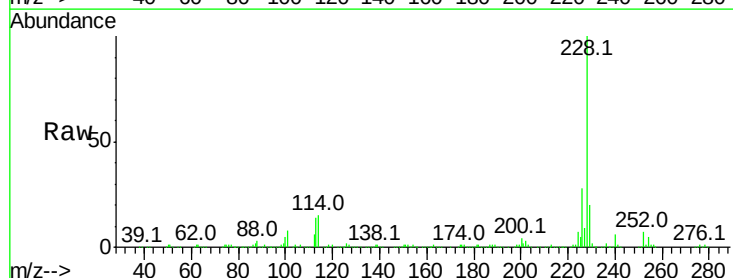
Tgt Ion:228 Resp: 554923

Ion Ratio Lower Upper

228 100

226 28.1 22.6 33.8

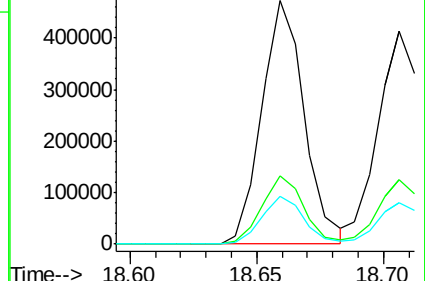
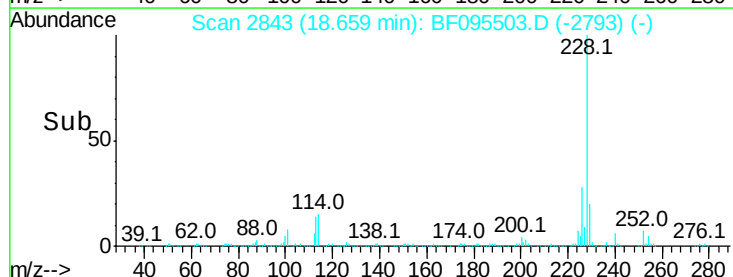
229 19.7 16.3 24.5

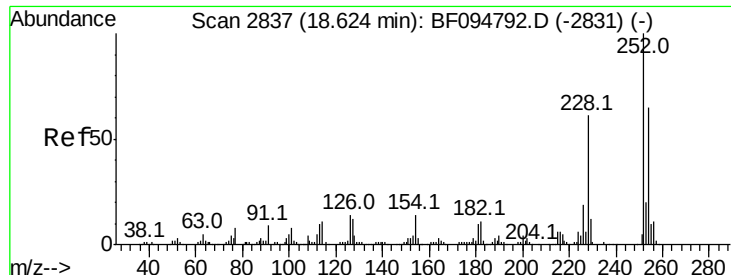


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

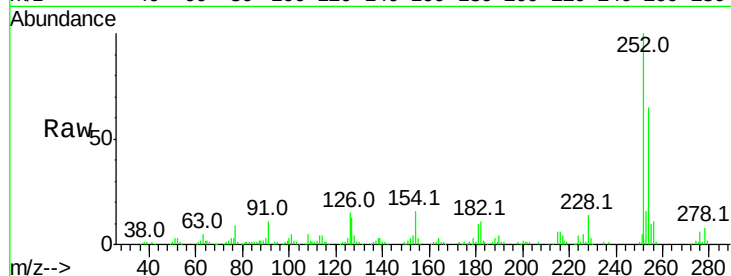




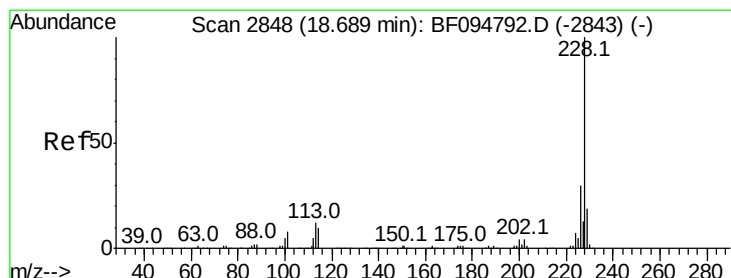
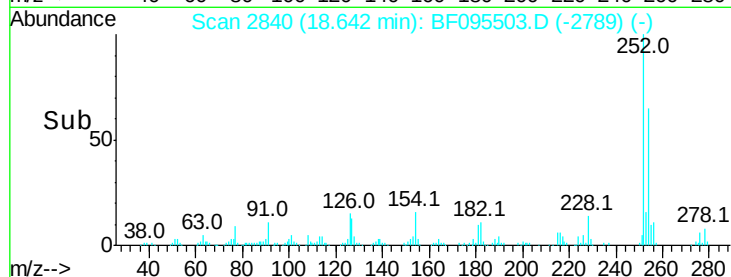
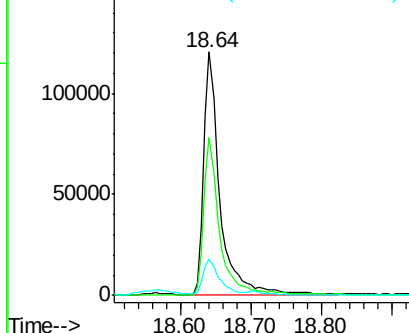
#81
 3,3'-Dichlorobenzidine
 Concen: 38.18 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.6	51.5	77.3
126	15.1	15.8	23.8

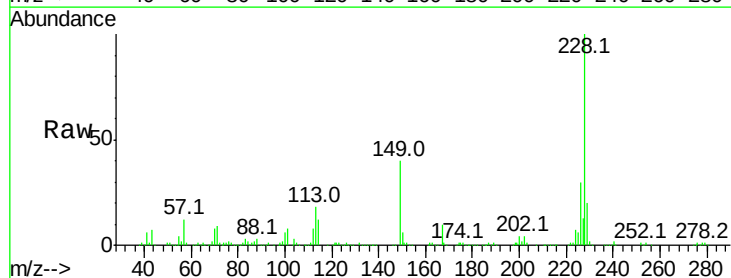


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

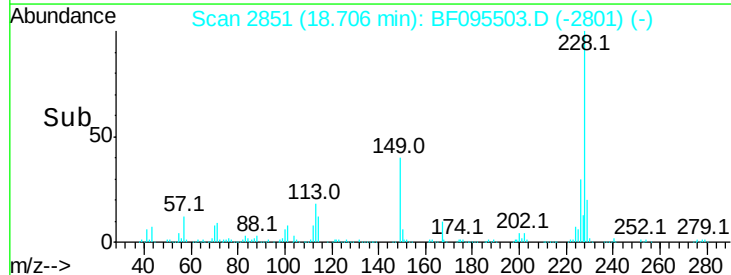
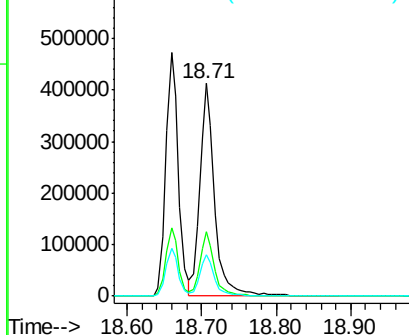


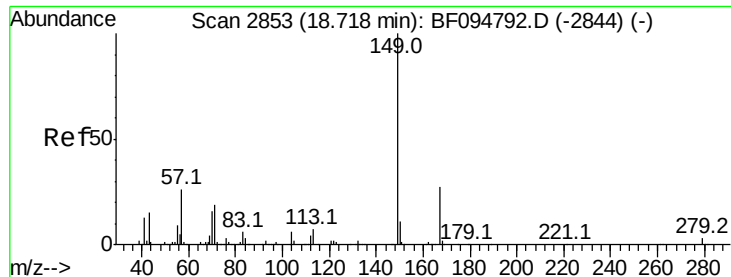
#82
 Chrysene
 Concen: 40.35 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.9	37.3
229	19.6	15.8	23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.99 ng

RT: 18.72 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Instrument :

BNA_F

ClientSampleId :

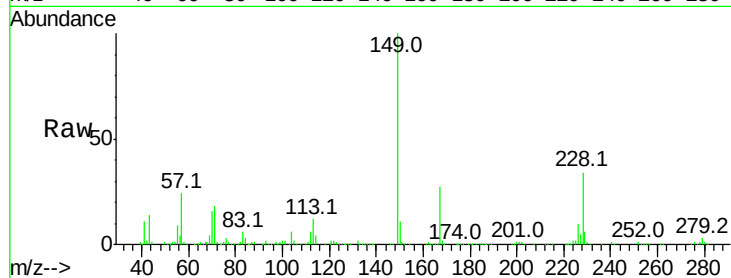
Tot Ion:149 Resp: 472895

Ion Ratio Lower Upper

149 100

167 27.1 21.0 31.4

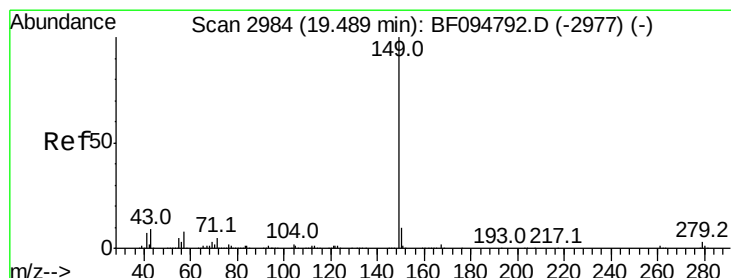
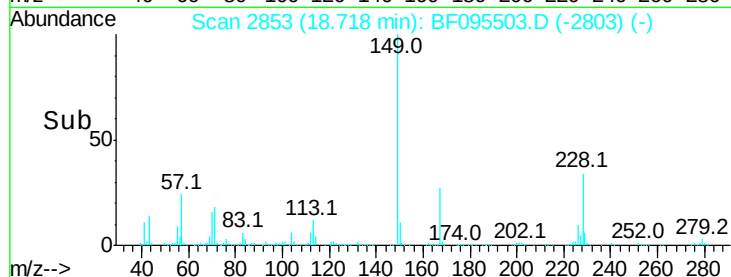
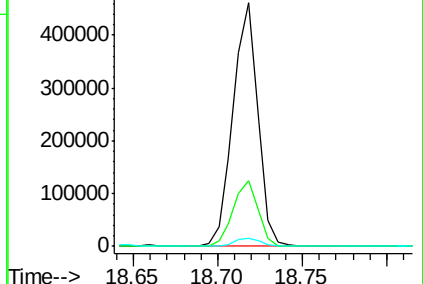
279 3.3 1.9 2.9#



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: 37.23 ng

RT: 19.48 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

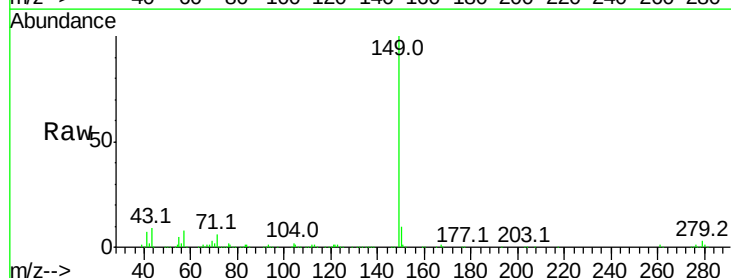
Tgt Ion:149 Resp: 759816

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

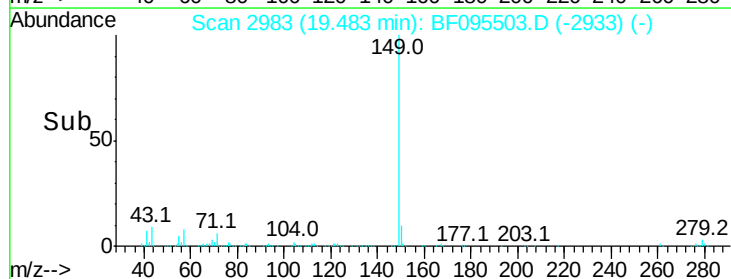
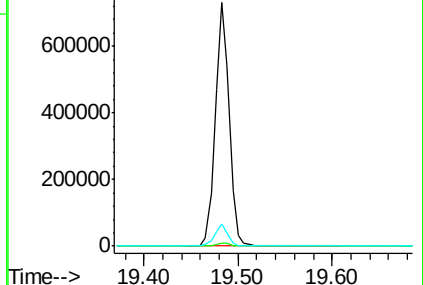
43 8.8 8.5 12.7

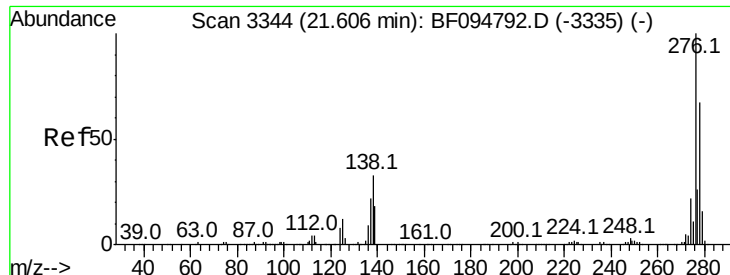


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



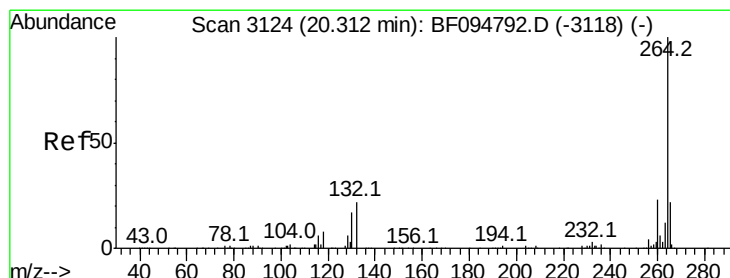
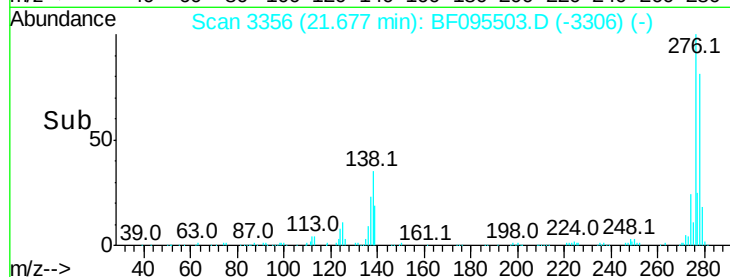
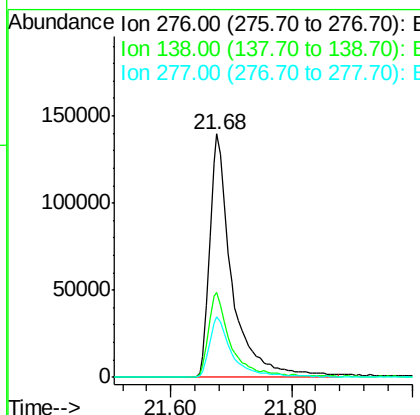
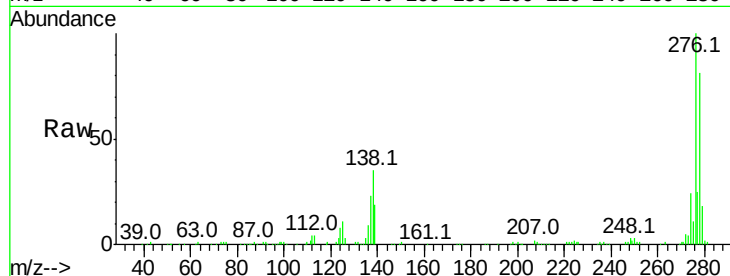


#85
 Indeno(1,2,3-cd)pyrene
 Concen: 31.06 ng
 RT: 21.68 min Scan# 3356
 Delta R.T. -0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 356454

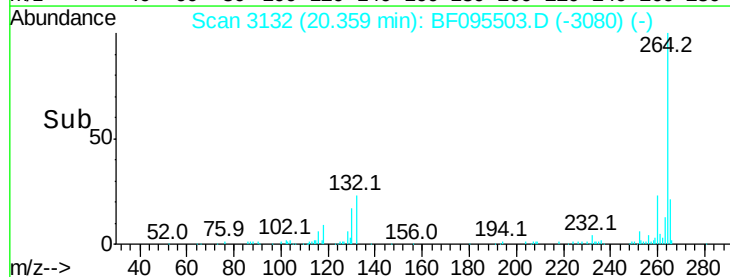
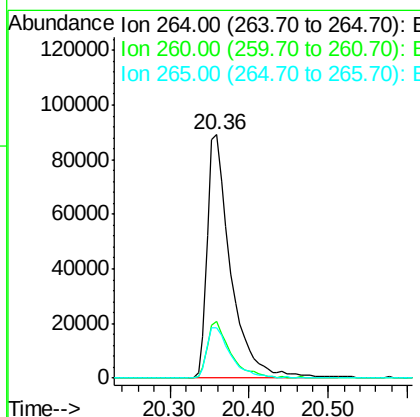
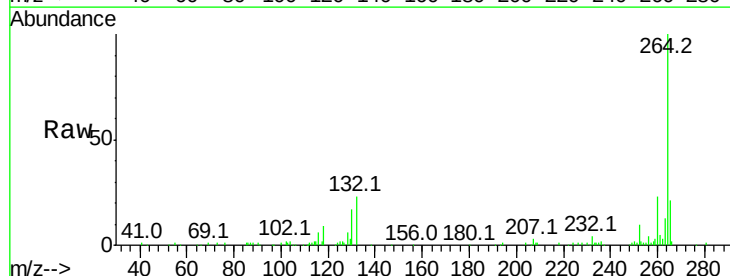
Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.8	41.6
277	25.5	20.2	30.4

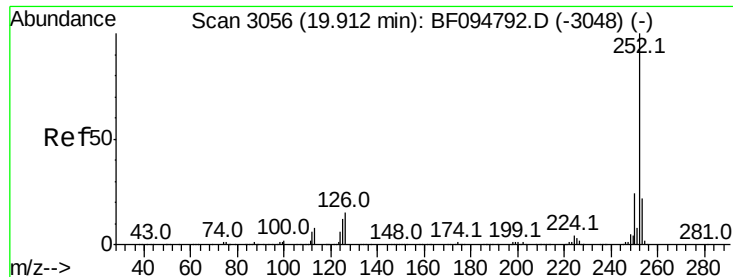


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. 0.01 min
 Lab File: BF095503.D
 Acq: 27 May 2017 18:32

Tgt Ion:264 Resp: 184277

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.7	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 38.37 ng

RT: 19.94 min Scan# 3060

Delta R.T. -0.01 min

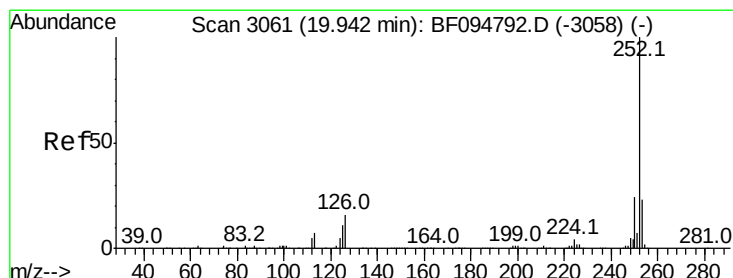
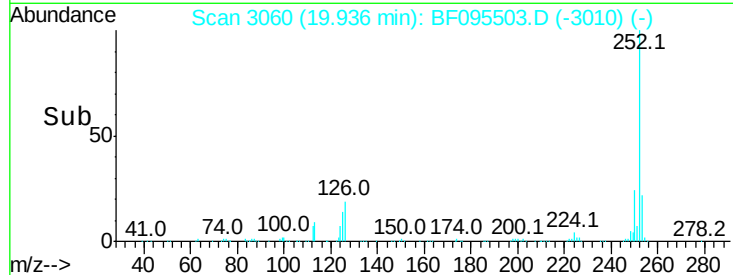
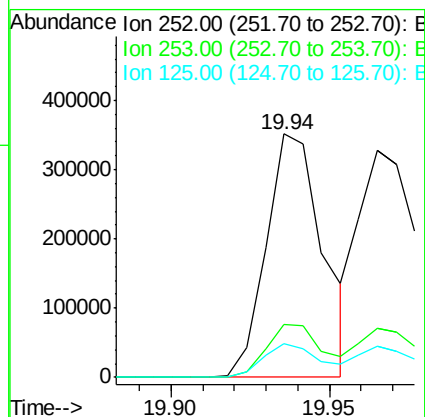
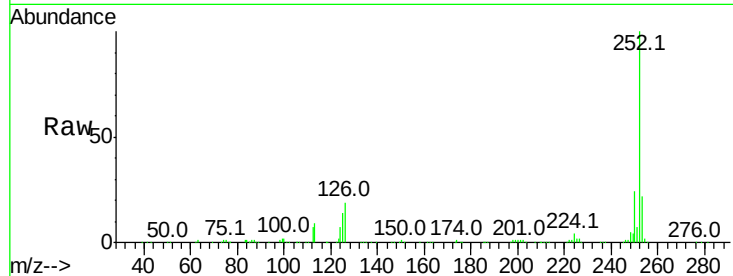
Lab File: BF095503.D

Acq: 27 May 2017 18:32

Instrument :
BNA_F
ClientSampled :

Tot Ion:252 Resp: 436869

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.1	27.1
125	13.9	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 45.80 ng

RT: 19.97 min Scan# 3065

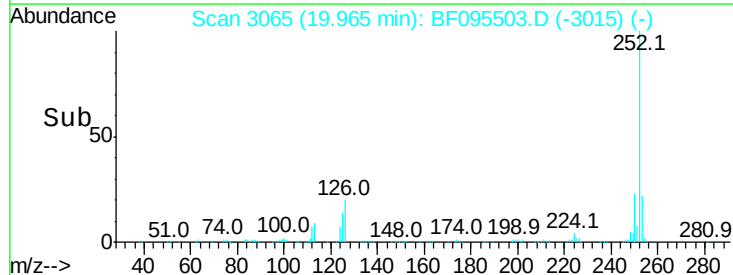
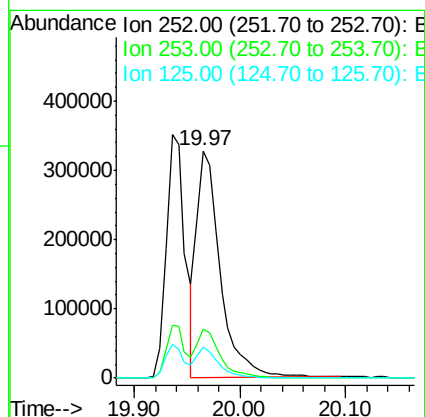
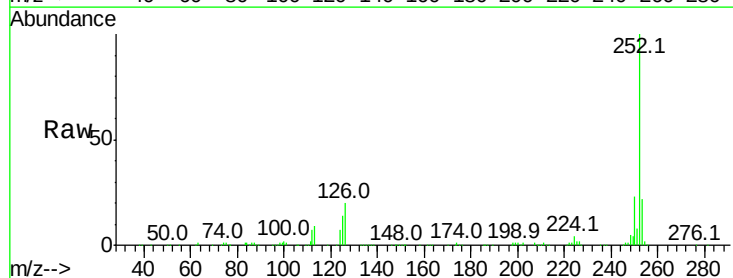
Delta R.T. -0.01 min

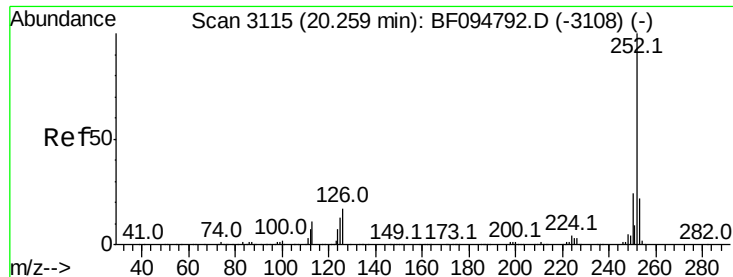
Lab File: BF095503.D

Acq: 27 May 2017 18:32

Tgt Ion:252 Resp: 503066

Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.4	27.6
125	13.6	13.1	19.7

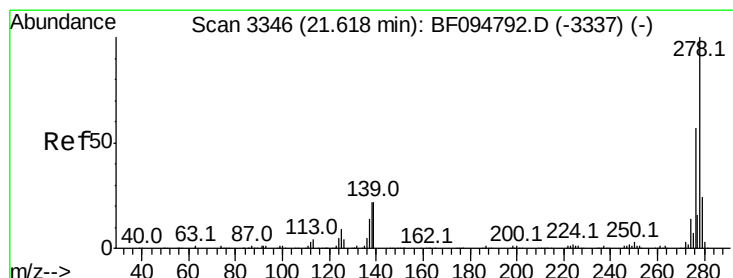
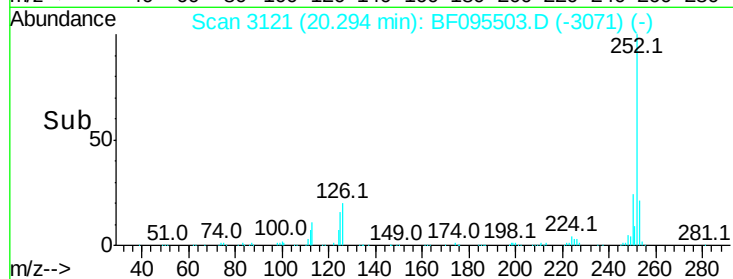
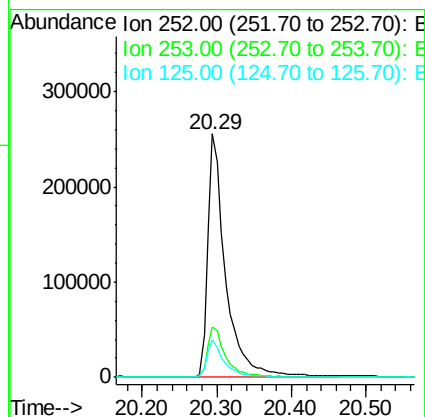
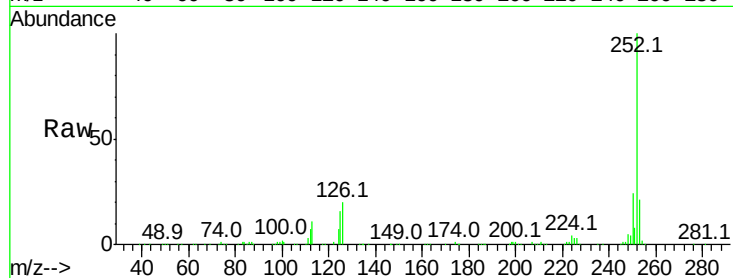




#89
Benzo(a)pyrene
Concen: 40.14 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

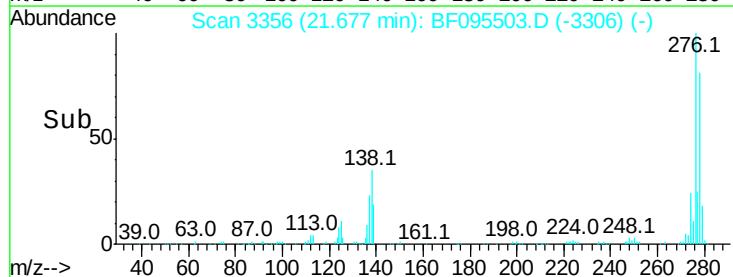
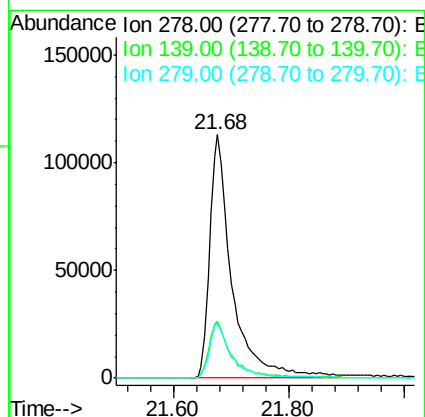
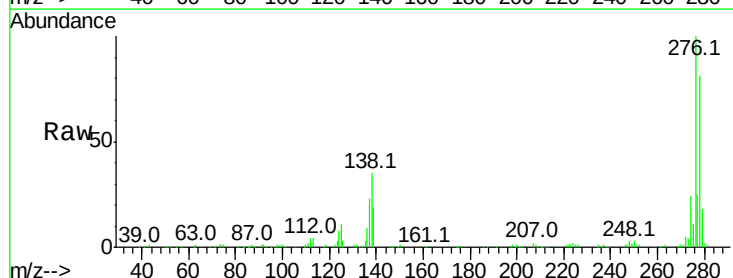
Instrument :
BNA_F
ClientSampleId :

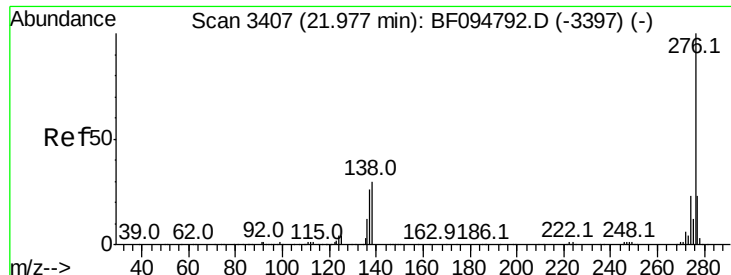
Tot Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.5	26.3
125	15.6	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 35.34 ng
RT: 21.68 min Scan# 3356
Delta R.T. -0.01 min
Lab File: BF095503.D
Acq: 27 May 2017 18:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.3	16.6	24.8
279	22.5	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 37.67 ng

RT: 22.07 min Scan# 3423

Delta R.T. 0.00 min

Lab File: BF095503.D

Acq: 27 May 2017 18:32

Instrument :

BNA_F

ClientSampleId :

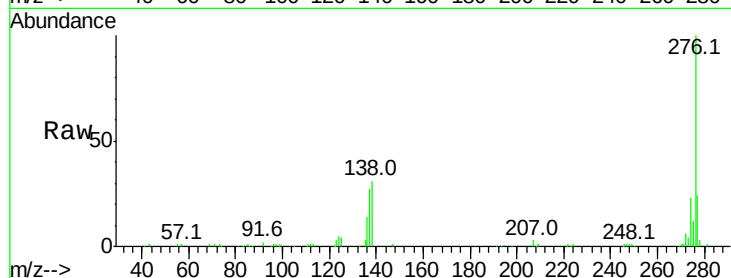
Tot Ion: 276 Resp: 320800

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 31.3 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

