

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
 Data File : BF095119.D
 Acq On : 12 May 2017 19:02
 Operator : SJ/MA
 Sample : PB98933BS
 Misc : Waste Dilution
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 13 00:54:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	81894	20.00	ng	-0.03
21) Naphthalene-d8	9.72	136	344274	20.00	ng	-0.04
38) Acenaphthene-d10	12.55	164	177469	20.00	ng	-0.04
63) Phenanthrene-d10	14.95	188	322966	20.00	ng	-0.04
75) Chrysene-d12	18.62	240	284316	20.00	ng	-0.03
86) Perylene-d12	20.29	264	214259	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	66534	13.55	ng	0.04
7) Phenol-d6	7.28	99	98316	16.68	ng	0.00
23) Nitrobenzene-d5	8.61	82	52389	9.60	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	23629	16.26	ng	-0.02
44) 2-Fluorobiphenyl	11.50	172	146064	11.85	ng	-0.04
78) Terphenyl-d14	17.28	244	139342	10.79	ng	-0.04

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.08	88	14785	6.14	ng	97
6) Aniline	7.23	93	37247	5.01	ng	97
8) 2-Chlorophenol	7.42	128	30610	5.47	ng	93
9) Benzaldehyde	7.07	77	16252	4.52	ng	91
10) Phenol	7.31	94	12814	2.06	ng	94
11) bis(2-Chloroethyl)ether	7.34	93	24190	4.72	ng	98
12) 1,3-Dichlorobenzene	7.61	146	33257	5.24	ng	99
13) 1,4-Dichlorobenzene	7.73	146	35659	5.54	ng	98
14) 1,2-Dichlorobenzene	7.97	146	33172	5.53	ng	93
15) Benzyl Alcohol	8.04	79	21135	5.58	ng	90
16) 2,2'-oxybis(1-Chloropropan	8.20	45	35695	4.92	ng	92
17) 2-Methylphenol	8.26	107	24877	5.44	ng	93
18) Hexachloroethane	8.47	117	12126	5.57	ng	# 79
19) n-Nitroso-di-n-propylamine	8.41	70	19360	4.86	ng	99
20) 3+4-Methylphenols	8.55	107	29569	4.76	ng	# 65
22) Acetophenone	8.40	105	41187	4.99	ng	# 85
24) Nitrobenzene	8.65	77	32451	5.67	ng	90
25) Isophorone	9.04	82	50495	5.18	ng	# 96
26) 2-Nitrophenol	9.17	139	15908	5.15	ng	98
27) 2,4-Dimethylphenol	9.33	122	25527	5.11	ng	92
28) bis(2-Chloroethoxy)methane	9.42	93	34879	5.17	ng	97
29) 2,4-Dichlorophenol	9.68	162	23730	5.03	ng	91
30) 1,2,4-Trichlorobenzene	9.66	180	27288	5.40	ng	99
31) Naphthalene	9.75	128	92610	5.35	ng	99
32) Benzoic acid	9.61	122	2159	5.67	ng	84
33) 4-Chloroaniline	9.96	127	21085	3.27	ng	# 92
34) Hexachlorobutadiene	9.97	225	14516	5.45	ng	93
35) Caprolactam	10.52	113	5731	4.05	ng	# 86
36) 4-Chloro-3-methylphenol	10.81	107	26612	5.28	ng	# 85
37) 2-Methylnaphthalene	10.89	142	65247	5.75	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	26094	4.78	ng	98
40) Hexachlorocyclopentadiene	11.13	237	8302	9.40	ng	96
42) 2,4,6-Trichlorophenol	11.42	196	17959	4.93	ng	95
43) 2,4,5-Trichlorophenol	11.42	196	17959	4.59	ng	# 93

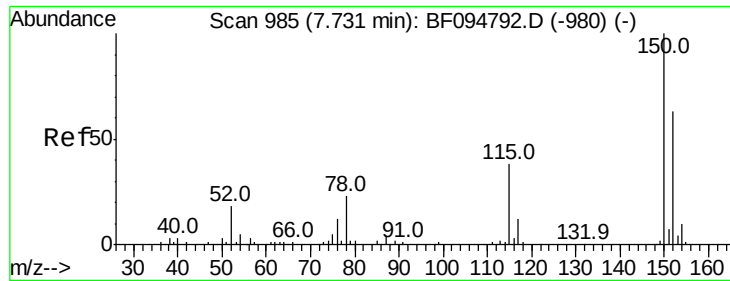
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051217\
 Data File : BF095119.D
 Acq On : 12 May 2017 19:02
 Operator : SJ/MA
 Sample : PB98933BS
 Misc : Waste Dilution
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 13 00:54:22 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
45) 1,1'-Biphenyl	11.65	154	82004	5.49	ng	98
46) 2-Chloronaphthalene	11.67	162	64303	5.33	ng	95
47) 2-Nitroaniline	11.91	65	13765	4.17	ng	90
48) Acenaphthylene	12.32	152	102826	5.44	ng	96
49) Dimethylphthalate	12.19	163	74534	5.12	ng	100
50) 2,6-Dinitrotoluene	12.29	165	15338	5.16	ng	90
51) Acenaphthene	12.60	154	61559	5.45	ng	99
52) 3-Nitroaniline	12.62	138	12179	3.82	ng	# 79
53) 2,4-Dinitrophenol	12.88	184	1138	6.89	ng	# 22
54) Dibenzofuran	12.90	168	94927	6.08	ng	99
55) 4-Nitrophenol	12.90	139	33866	17.67	ng	# 27
56) 2,4-Dinitrotoluene	12.98	165	19712	5.16	ng	# 87
57) Fluorene	13.45	166	75311	5.55	ng	98
58) 2,3,4,6-Tetrachlorophenol	13.15	232	12041	4.89	ng	# 98
59) Diethylphthalate	13.34	149	74582	5.34	ng	99
60) 4-Chlorophenyl-phenylether	13.47	204	32015	5.36	ng	92
61) 4-Nitroaniline	13.60	138	10602	3.62	ng	86
62) Azobenzene	13.73	77	69407	6.19	ng	92
64) 4,6-Dinitro-2-methylphenol	13.67	198	4999	2.31	ng	# 1
65) n-Nitrosodiphenylamine	13.68	169	64862	5.53	ng	99
66) 4-Bromophenyl-phenylether	14.25	248	17816	5.22	ng	97
67) Hexachlorobenzene	14.34	284	17982	5.14	ng	# 91
68) Atrazine	14.59	200	18660	5.64	ng	99
69) Pentachlorophenol	14.73	266	6361	9.59	ng	93
70) Phenanthrene	14.99	178	105766	5.70	ng	97
71) Anthracene	15.08	178	109915	5.80	ng	97
72) Carbazole	15.38	167	95874	5.56	ng	94
73) Di-n-butylphthalate	15.92	149	117839	5.48	ng	98
74) Fluoranthene	16.75	202	109534	5.75	ng	98
76) Benzidine	17.00	184	29817	9.93	ng	# 91
77) Pyrene	17.05	202	114865	5.40	ng	97
79) Butylbenzylphthalate	17.94	149	43134	4.36	ng	93
80) Benzo(a)anthracene	18.61	228	83252	5.03	ng	96
81) 3,3'-Dichlorobenzidine	18.61	252	22284	3.90	ng	99
82) Chrysene	18.66	228	89675	5.60	ng	96
83) Bis(2-ethylhexyl)phthalate	18.68	149	68147	4.84	ng	# 98
84) Di-n-octyl phthalate	19.44	149	108964	4.72	ng	# 95
85) Indeno(1,2,3-cd)pyrene	21.61	276	61127	4.70	ng	97
87) Benzo(b)fluoranthene	19.89	252	64299	4.86	ng	99
88) Benzo(k)fluoranthene	19.92	252	78172	6.12	ng	95
89) Benzo(a)pyrene	20.24	252	69637	5.70	ng	98
90) Dibenzo(a,h)anthracene	21.61	278	51338	5.09	ng	97
91) Benzo(g,h,i)perylene	22.00	276	51340	5.19	ng	94

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.70 min Scan# 980

Delta R.T. -0.03 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Instrument :

BNA_F

ClientSampled :

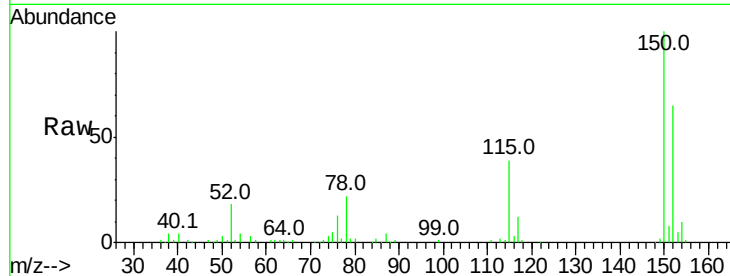
Tot Ion:152 Resp: 81894

Ion Ratio Lower Upper

152 100

150 153.3 126.2 189.2

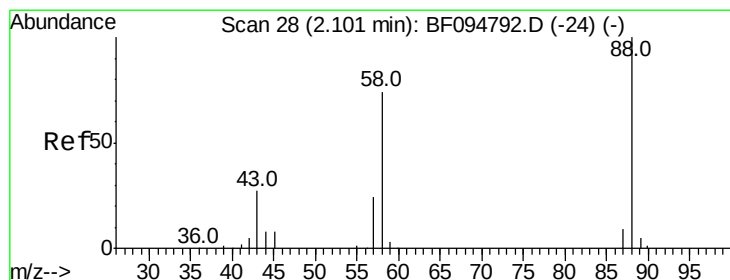
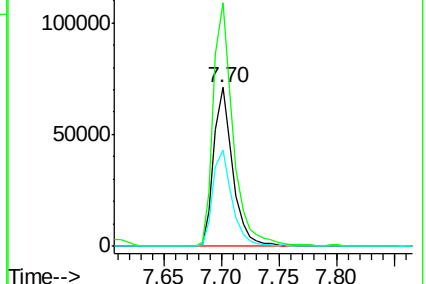
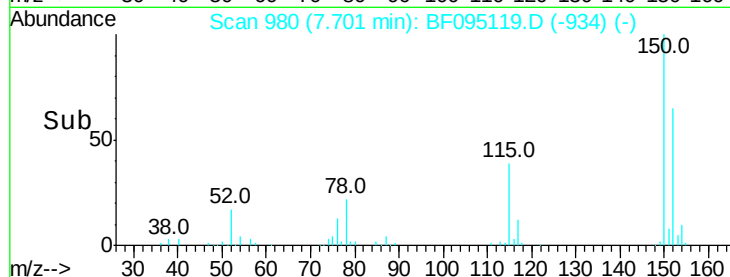
115 60.5 52.2 78.2



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: 6.14 ng

RT: 2.08 min Scan# 24

Delta R.T. -0.02 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

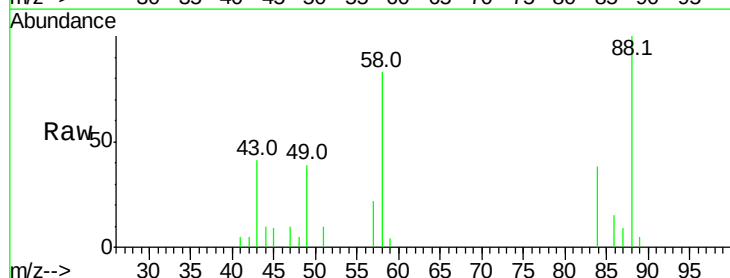
Tgt Ion: 88 Resp: 14785

Ion Ratio Lower Upper

88 100

58 74.5 61.4 92.0

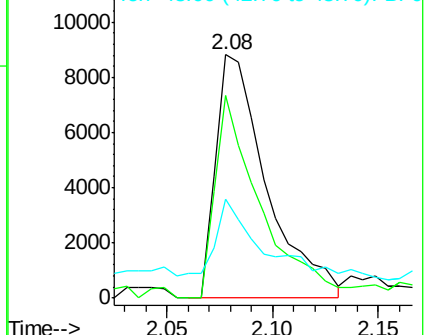
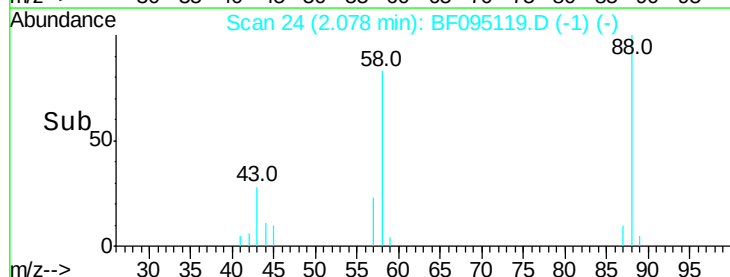
43 31.7 23.4 35.0

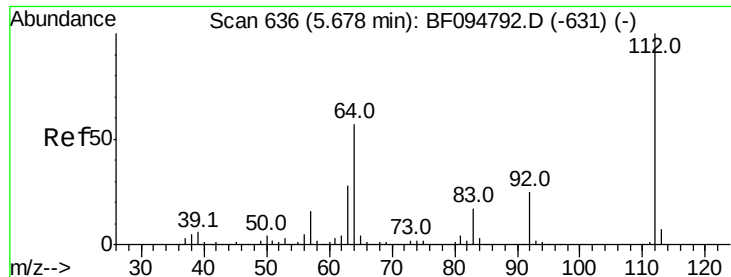


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 13.55 ng

RT: 5.71 min Scan# 642

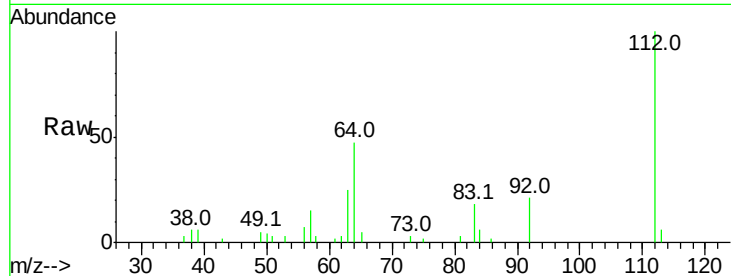
Delta R.T. 0.04 min

Lab File: BF095119.D

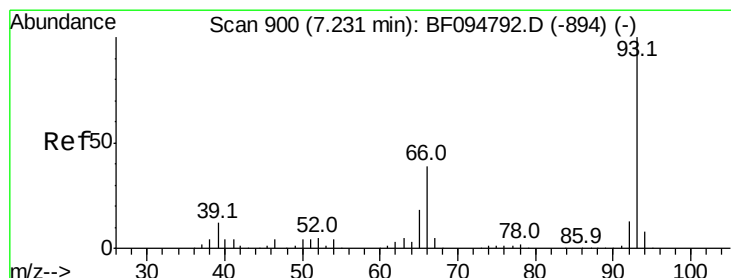
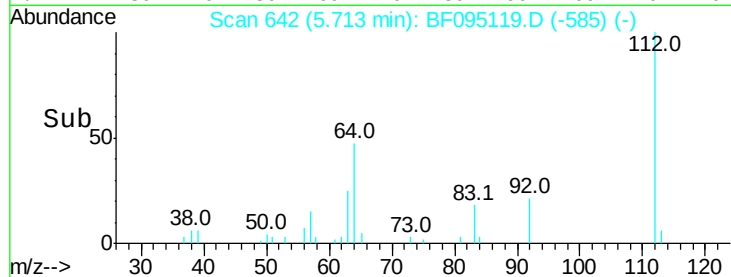
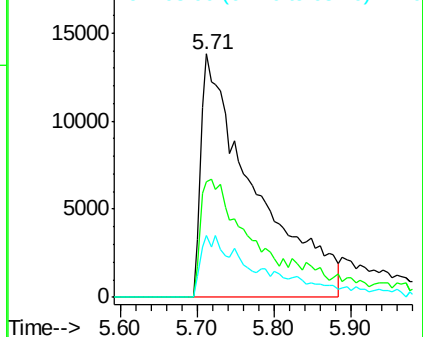
Acq: 12 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	66534
Ion	Ratio	Lower	Upper
112	100		
64	47.5	46.0	69.0
63	25.3	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E



#6

Aniline

Concen: 5.01 ng

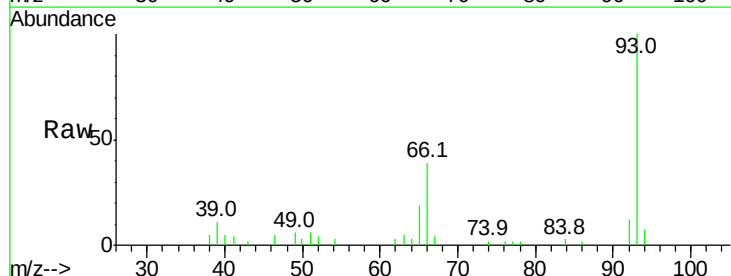
RT: 7.23 min Scan# 900

Delta R.T. 0.00 min

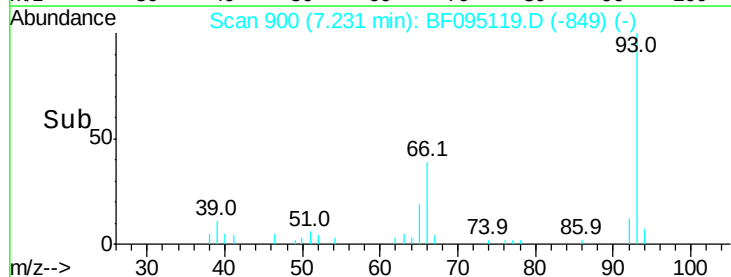
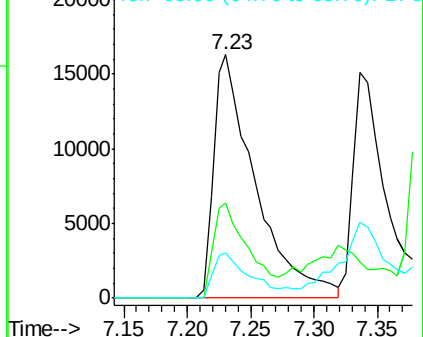
Lab File: BF095119.D

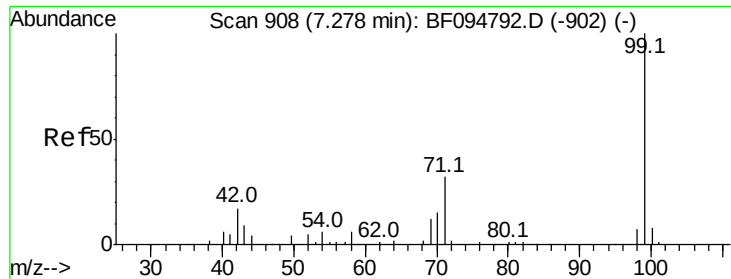
Acq: 12 May 2017 19:02

Tgt Ion:	93	Resp:	37247
Ion	Ratio	Lower	Upper
93	100		
66	38.9	32.9	49.3
65	18.8	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0





#7

Phenol-d6

Concen: 16.68 ng

RT: 7.28 min Scan# 909

Delta R.T. 0.01 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

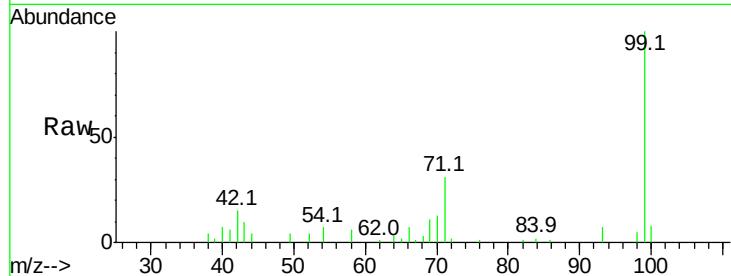
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 98316

Ion	Ratio	Lower	Upper
99	100		
42	14.8	13.5	20.3
71	31.0	24.5	36.7

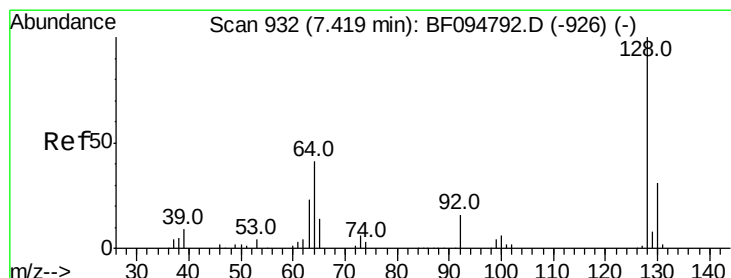
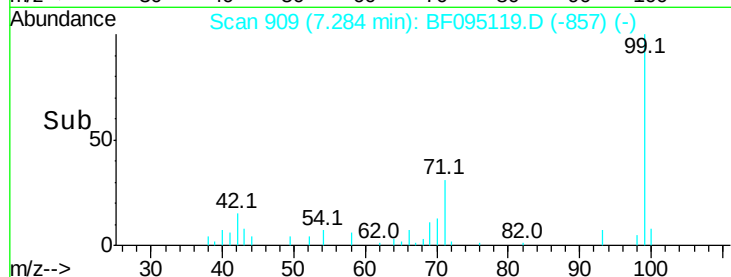
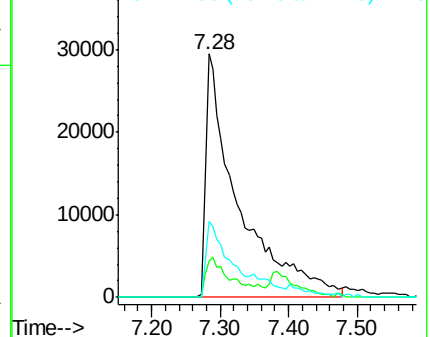


Abundance

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: 5.47 ng

RT: 7.42 min Scan# 932

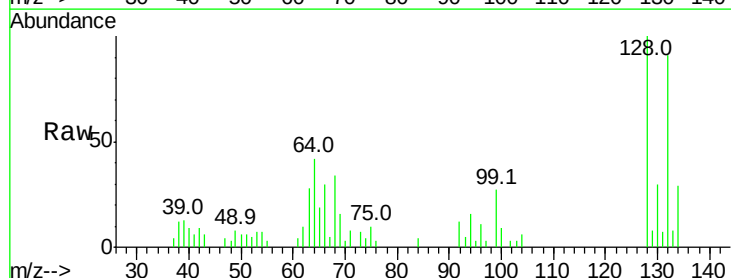
Delta R.T. 0.00 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Tgt Ion: 128 Resp: 30610

Ion	Ratio	Lower	Upper
128	100		
130	29.9	12.9	52.9
64	42.4	28.4	68.4

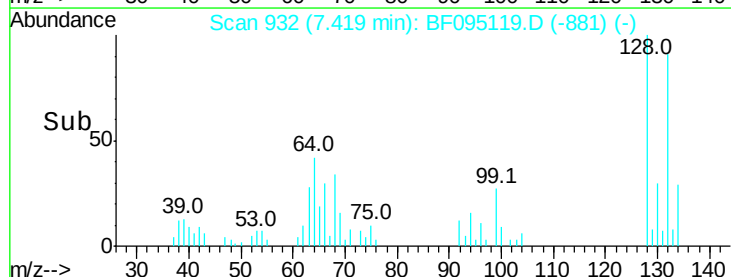
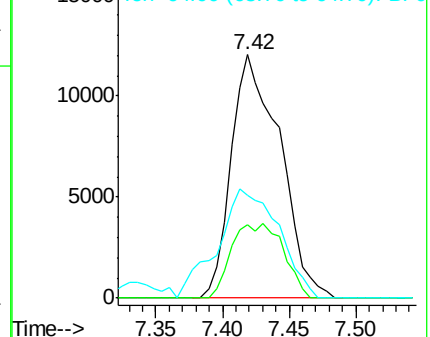


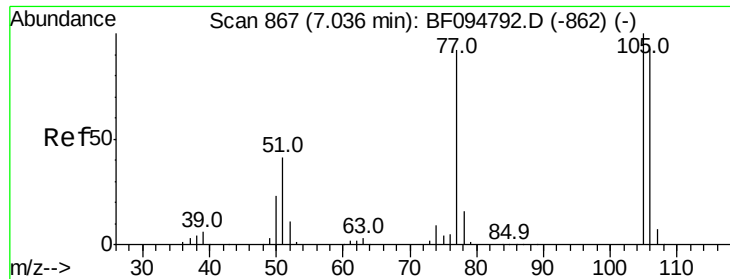
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 4.52 ng

RT: 7.07 min Scan# 873

Delta R.T. 0.04 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Instrument :

BNA_F

ClientSampled :

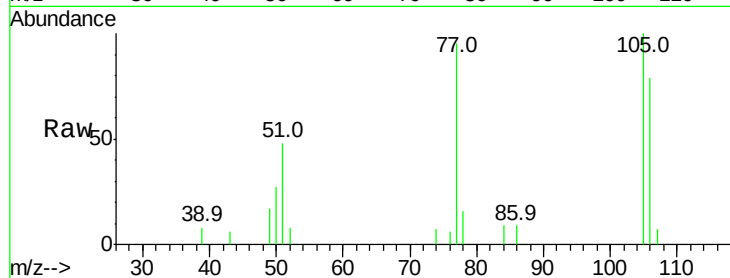
Tot Ion: 77 Resp: 16252

Ion Ratio Lower Upper

77 100

105 105.1 83.8 123.8

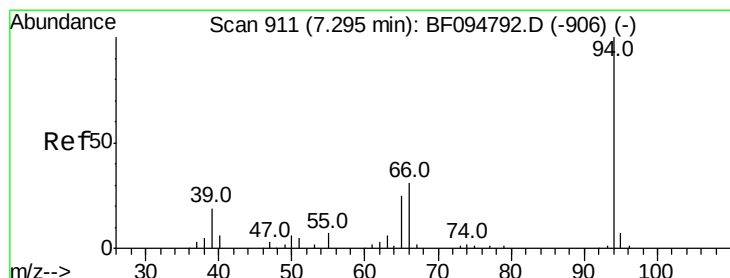
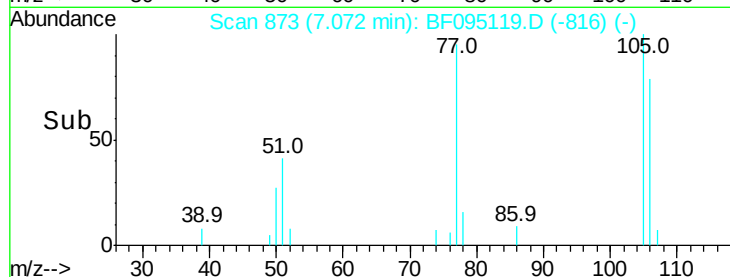
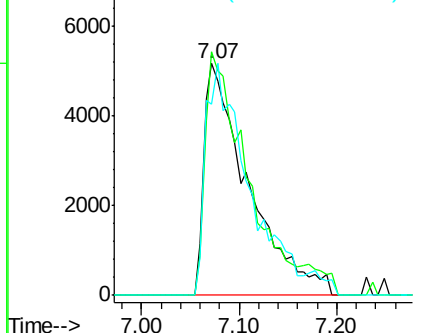
106 82.8 79.1 119.1



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: 2.06 ng

RT: 7.31 min Scan# 914

Delta R.T. 0.02 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

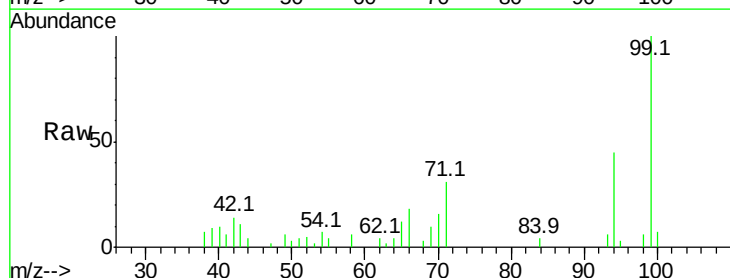
Tgt Ion: 94 Resp: 12814

Ion Ratio Lower Upper

94 100

65 25.7 9.9 49.9

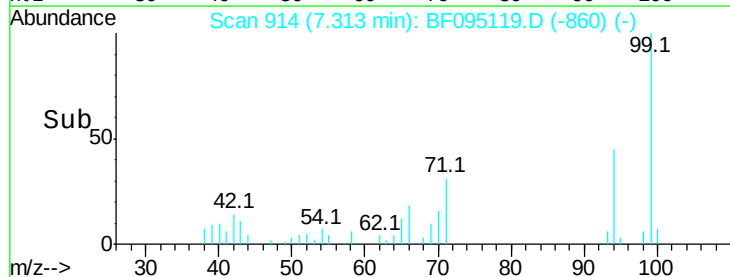
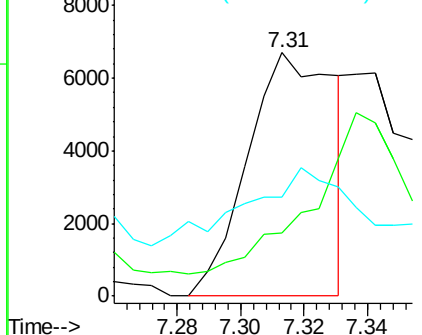
66 40.6 23.1 63.1

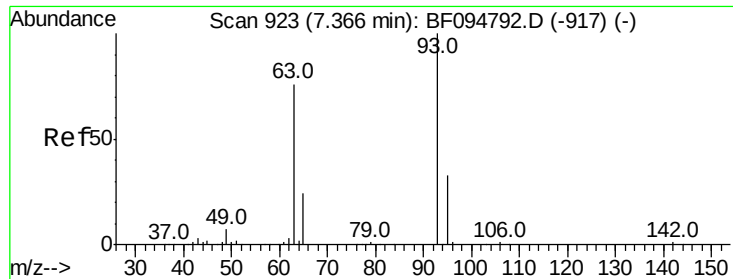


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 4.72 ng

RT: 7.34 min Scan# 918

Delta R.T. -0.03 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

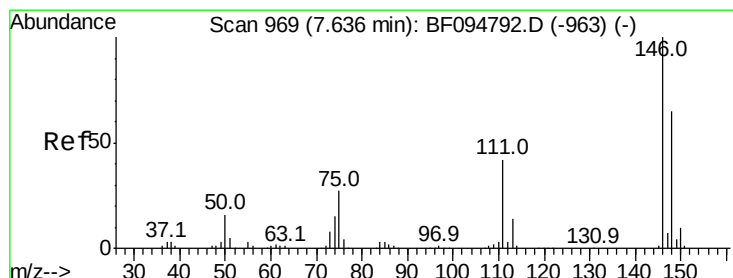
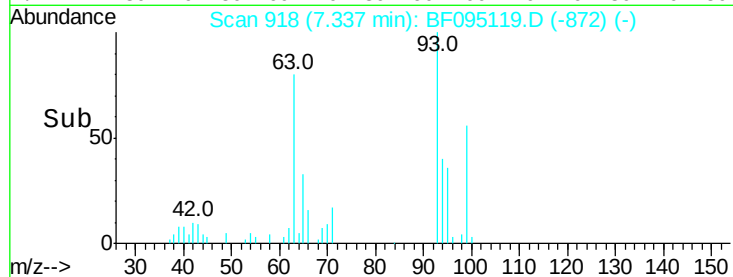
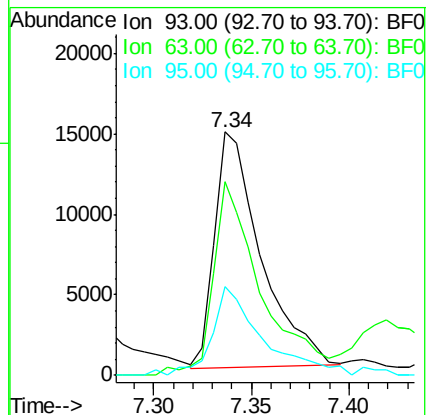
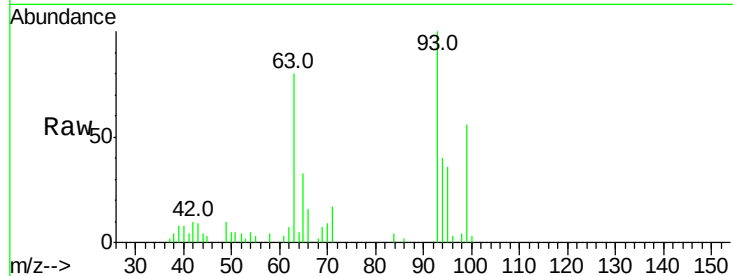
Tot Ion: 93 Resp: 24190

Ion Ratio Lower Upper

93 100

63 79.5 59.2 99.2

95 36.4 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 5.24 ng

RT: 7.61 min Scan# 964

Delta R.T. -0.03 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

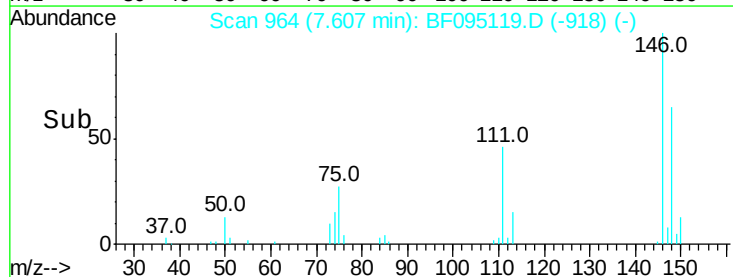
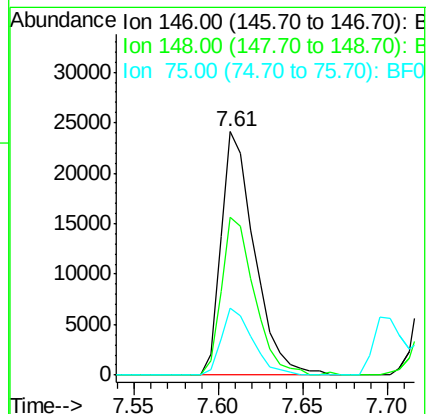
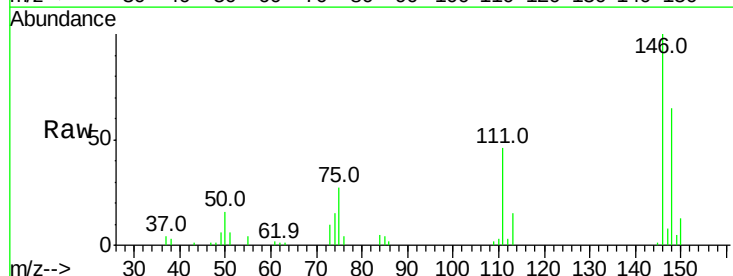
Tgt Ion: 146 Resp: 33257

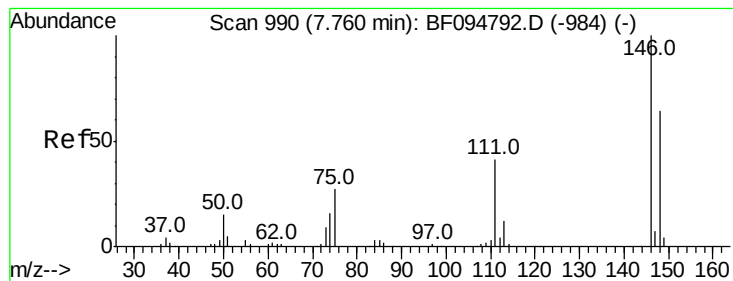
Ion Ratio Lower Upper

146 100

148 64.9 51.8 77.6

75 27.4 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 5.54 ng

RT: 7.73 min Scan# 985

Delta R.T. -0.03 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Instrument :

BNA_F

ClientSampled :

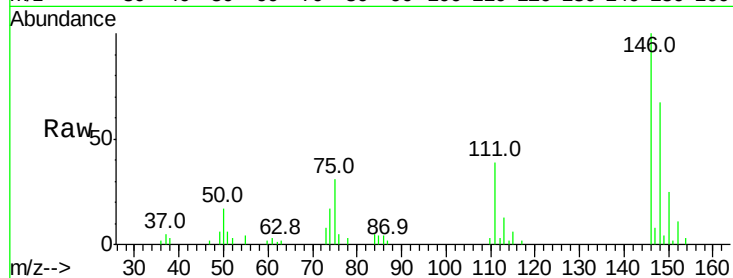
Tot Ion:146 Resp: 35659

Ion Ratio Lower Upper

146 100

148 66.9 52.2 78.2

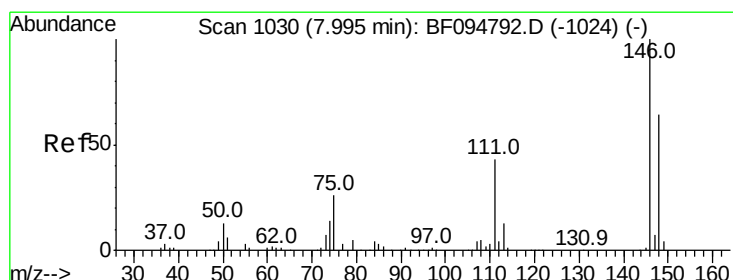
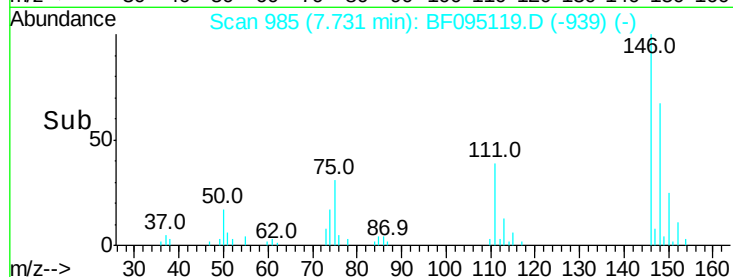
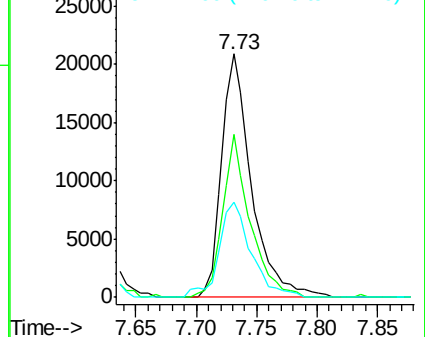
111 39.3 30.3 45.5



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: 5.53 ng

RT: 7.97 min Scan# 1025

Delta R.T. -0.03 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

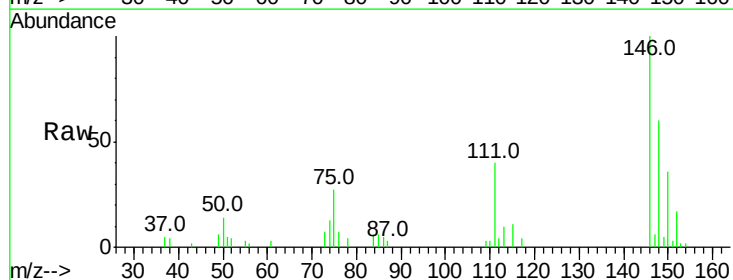
Tgt Ion:146 Resp: 33172

Ion Ratio Lower Upper

146 100

148 60.1 50.4 75.6

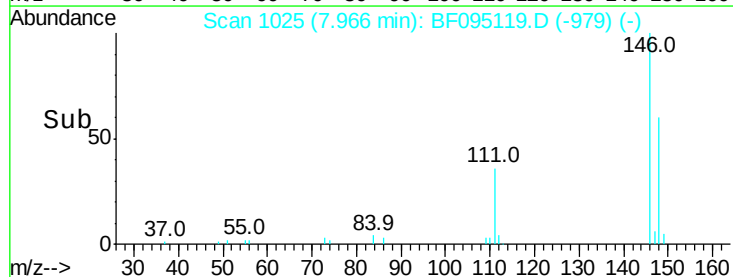
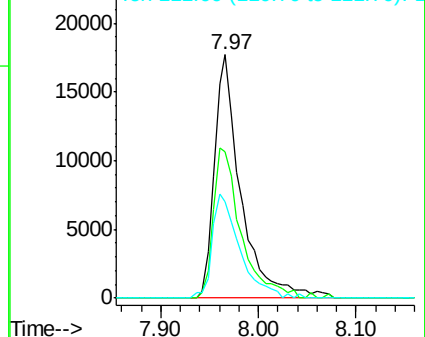
111 39.6 38.2 57.4

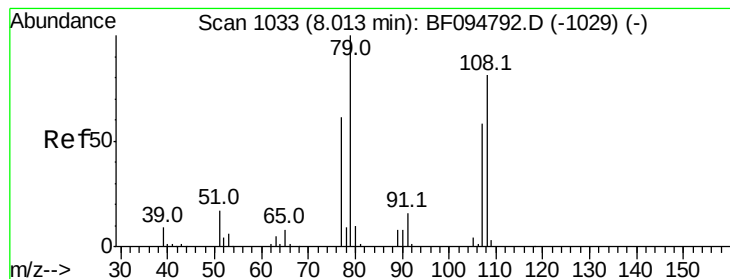


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 5.58 ng

RT: 8.04 min Scan# 1038

Delta R.T. 0.03 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Instrument :

BNA_F

ClientSampled :

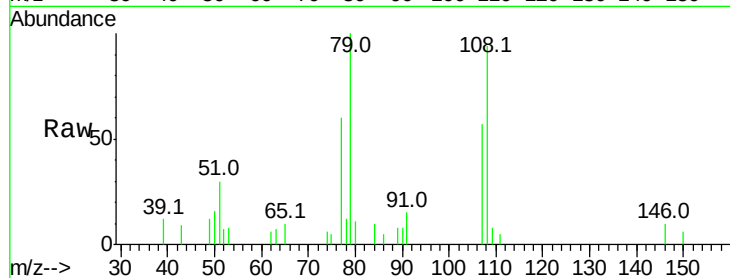
Tot Ion: 79 Resp: 21135

Ion Ratio Lower Upper

79 100

108 93.7 63.4 95.0

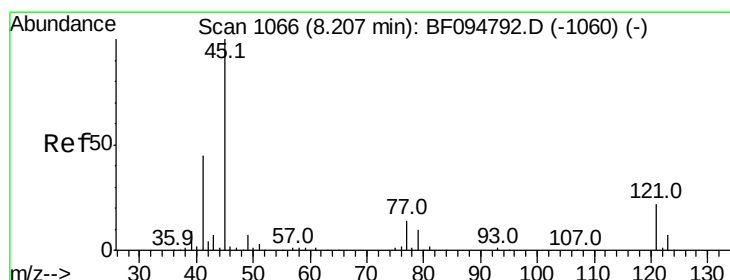
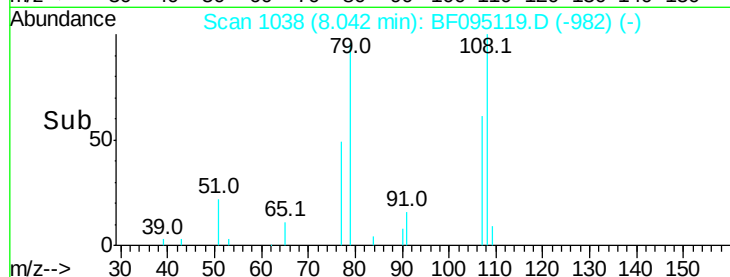
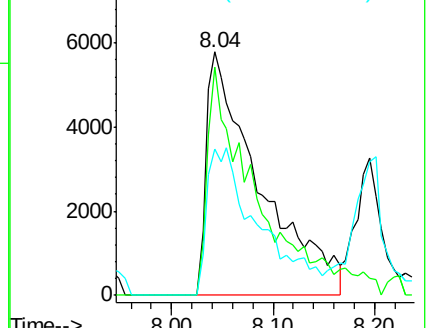
77 59.9 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 4.92 ng

RT: 8.20 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

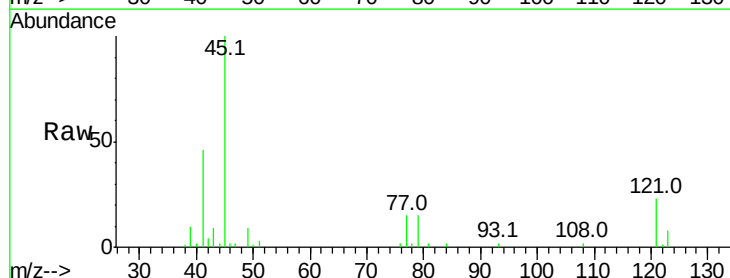
Tgt Ion: 45 Resp: 35695

Ion Ratio Lower Upper

45 100

77 14.6 0.0 33.2

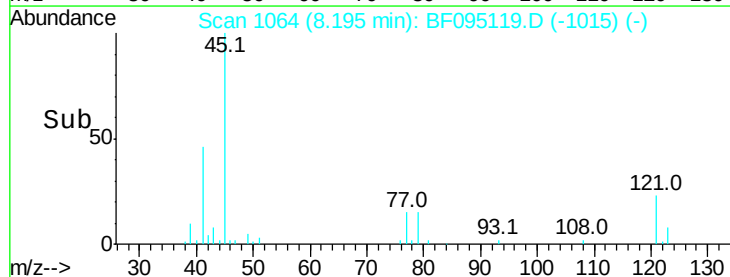
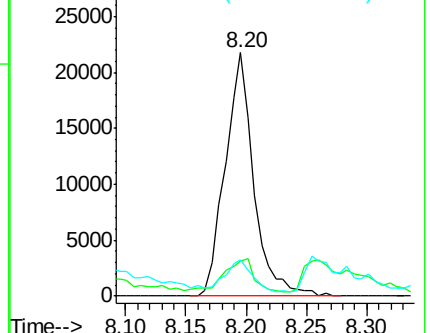
79 15.1 0.0 30.0

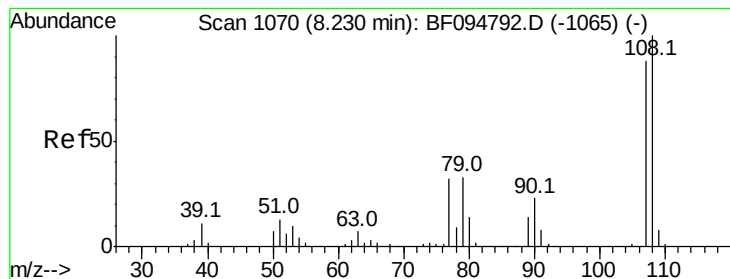


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

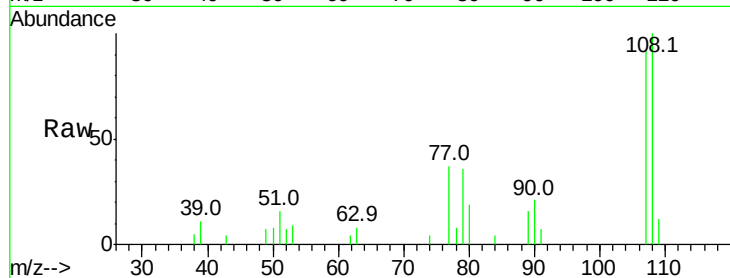




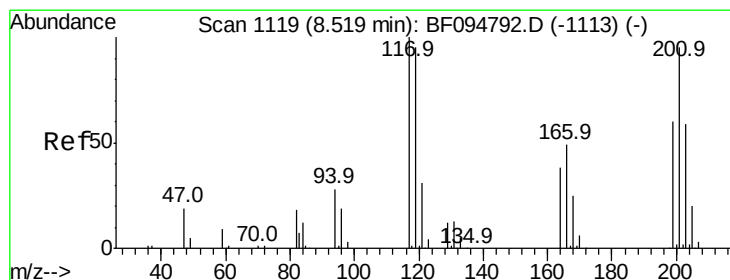
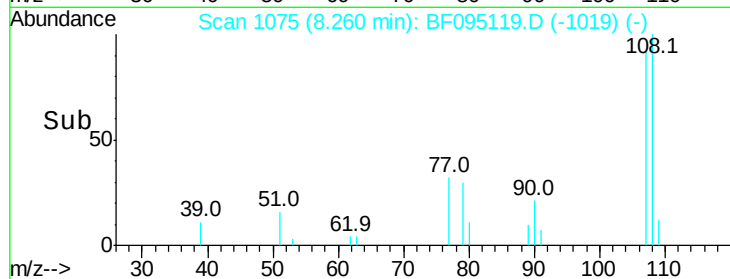
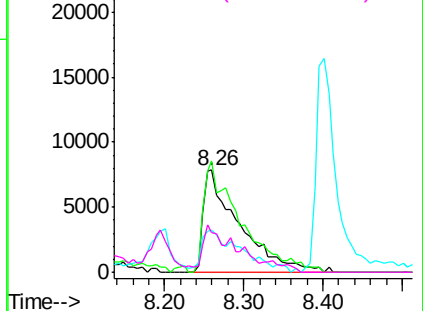
#17
 2-Methylphenol
 Concen: 5.44 ng
 RT: 8.26 min Scan# 1075
 Delta R.T. 0.03 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	107	Resp:	24877
Ion	Ratio	Lower	Upper
107	100		
108	109.0	93.4	140.0
77	40.8	35.8	53.6
79	39.3	34.8	52.2

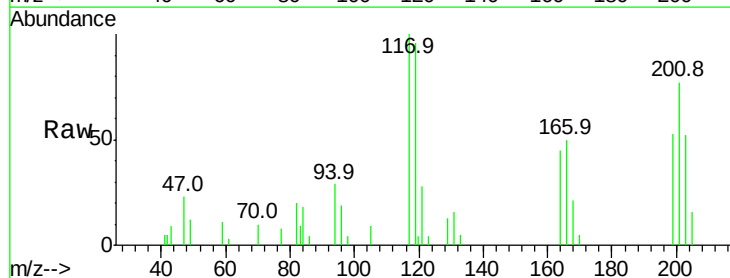


Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 77.00 (76.70 to 77.70): BF0
 Ion 79.00 (78.70 to 79.70): BF0

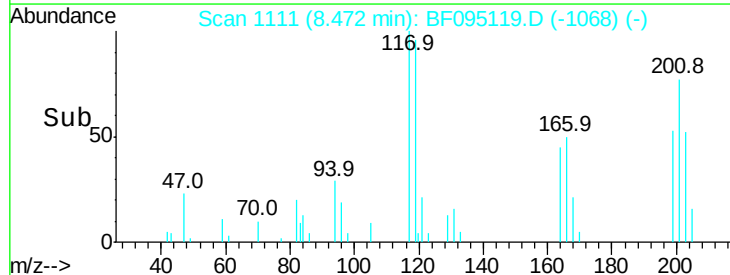
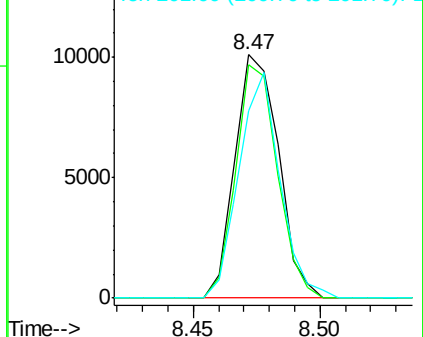


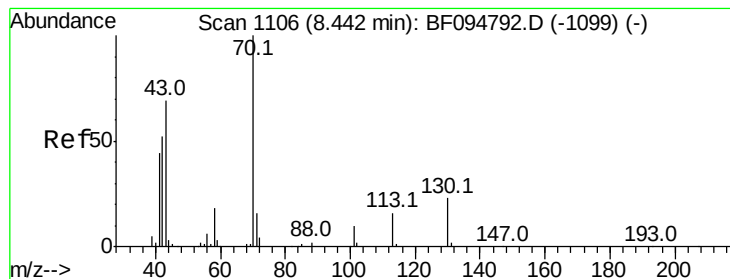
#18
 Hexachloroethane
 Concen: 5.57 ng
 RT: 8.47 min Scan# 1111
 Delta R.T. -0.05 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Tgt Ion:	117	Resp:	12126
Ion	Ratio	Lower	Upper
117	100		
119	95.6	77.4	116.0
201	76.8	94.6	141.8#



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





#19

n-Nitroso-di-n-propylamine

Concen: 4.86 ng

RT: 8.41 min Scan# 1100

Delta R.T. -0.04 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 19360

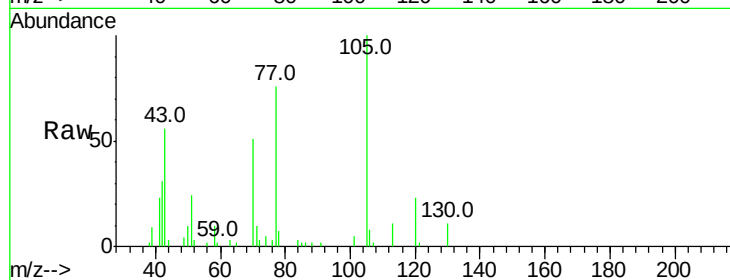
Ion Ratio Lower Upper

70 100

42 59.4 47.2 70.8

101 9.9 7.2 10.8

130 20.7 15.9 23.9

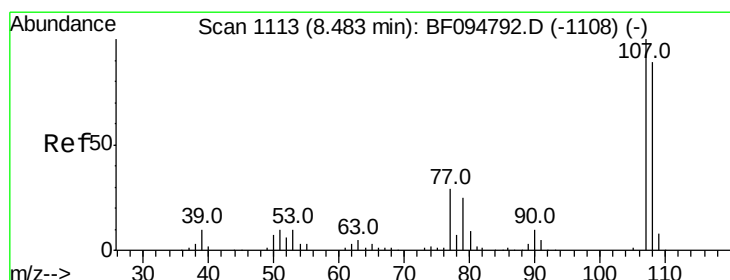
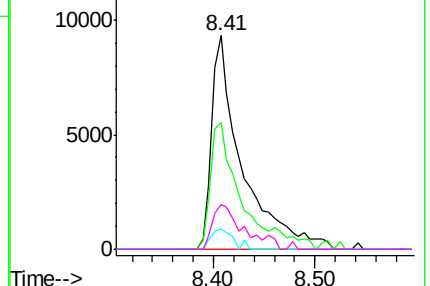
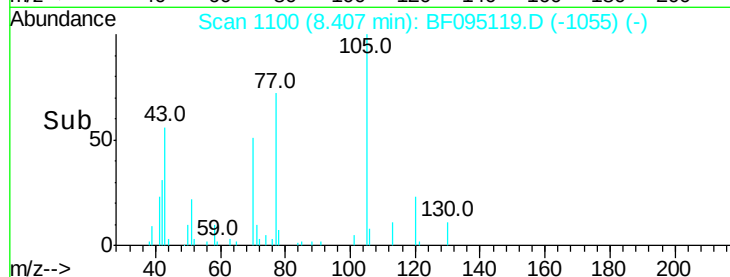


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 4.76 ng

RT: 8.55 min Scan# 1124

Delta R.T. 0.06 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Tgt Ion:107 Resp: 29569

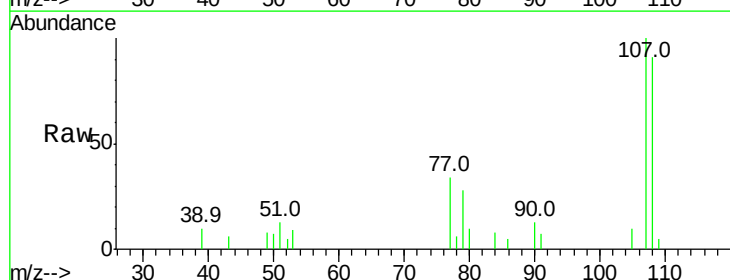
Ion Ratio Lower Upper

107 100

108 90.5 71.0 111.0

77 34.5 90.5 130.5#

79 27.6 8.4 48.4

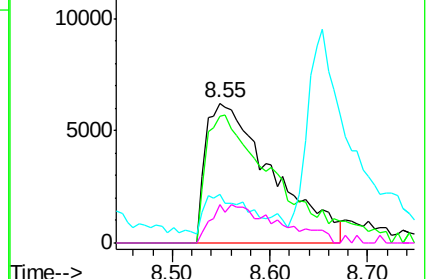
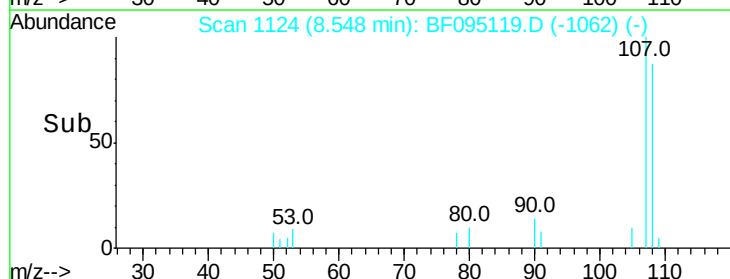


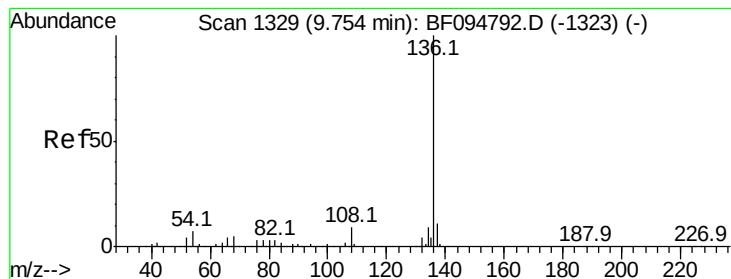
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.72 min Scan# 1323

Delta R.T. -0.04 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 344274

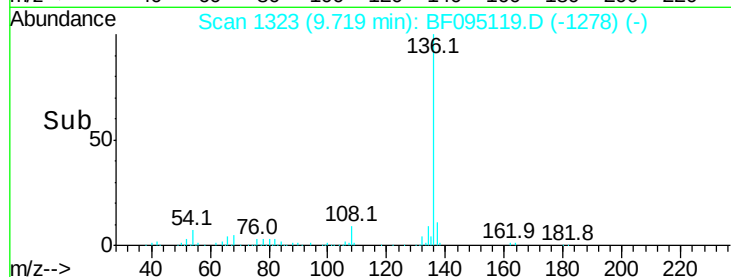
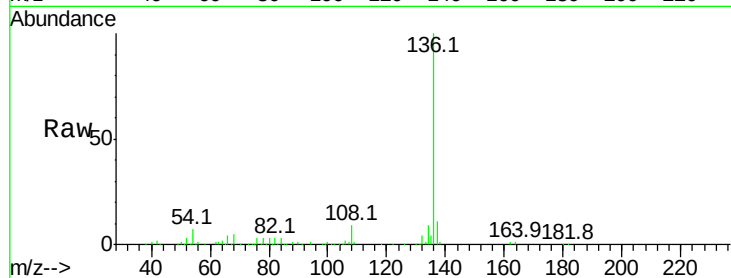
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.7 4.9 7.3

68 5.0 4.1 6.1



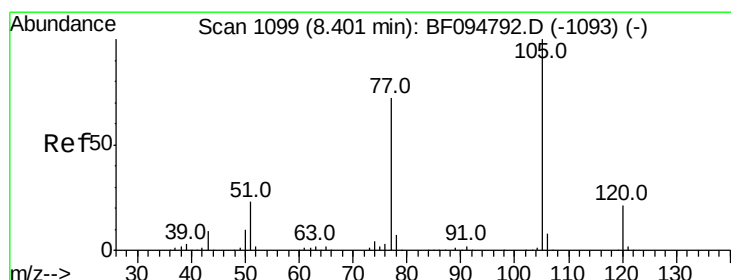
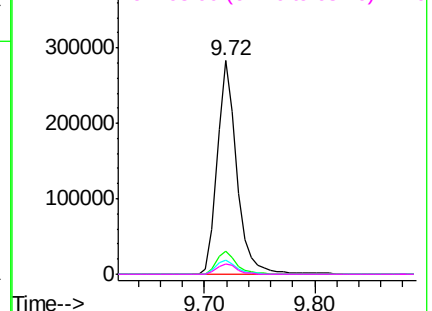
Abundance

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: 4.99 ng

RT: 8.40 min Scan# 1099

Delta R.T. 0.00 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Tgt Ion:105 Resp: 41187

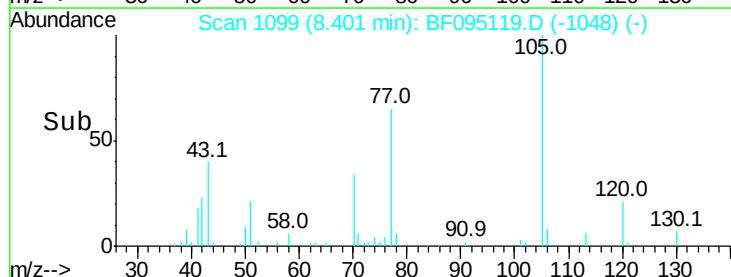
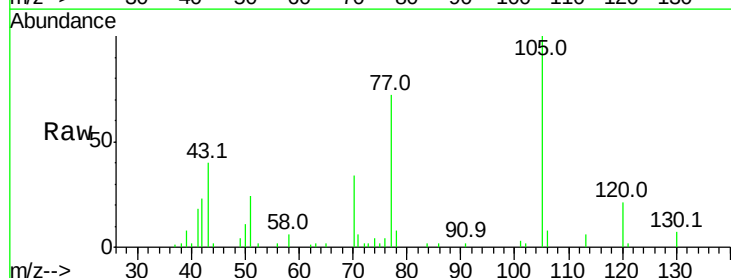
Ion Ratio Lower Upper

105 100

71 5.9 2.8 4.2#

51 24.3 30.7 46.1#

120 21.1 17.4 26.0



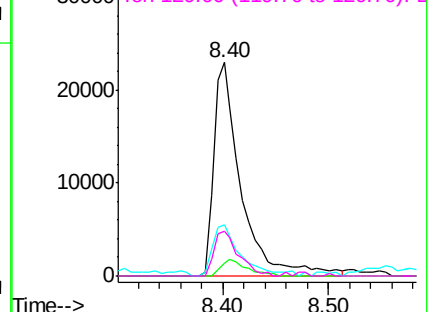
Abundance

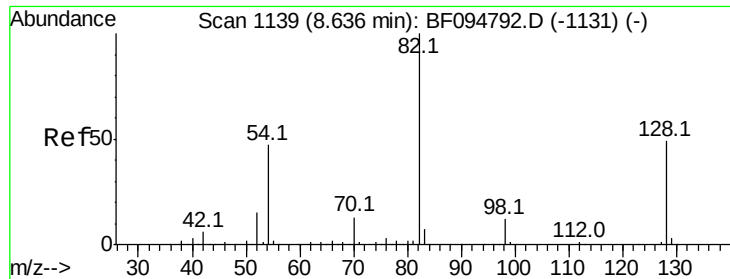
Ion 105.00 (104.70 to 105.70): E

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

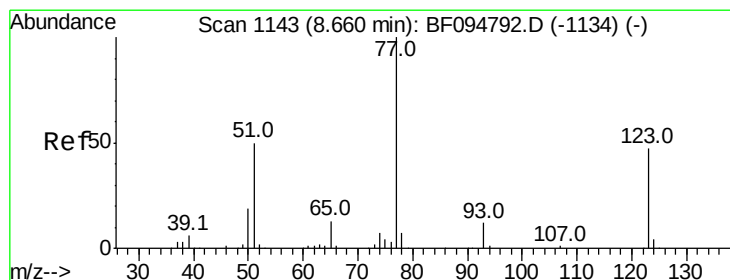
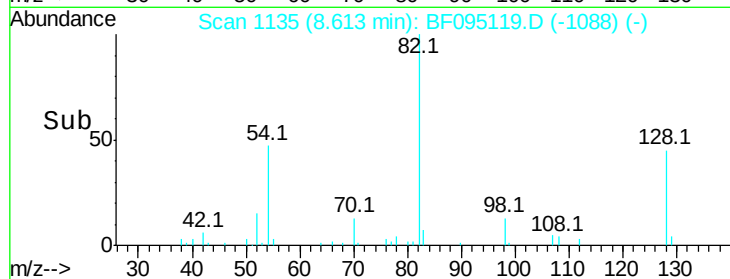
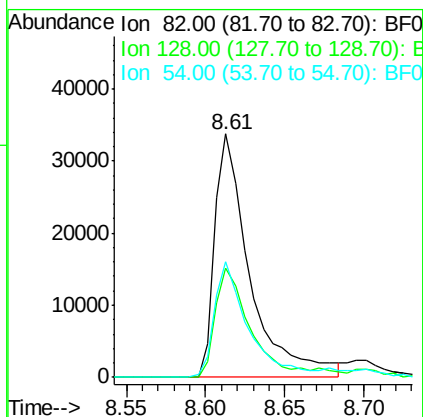
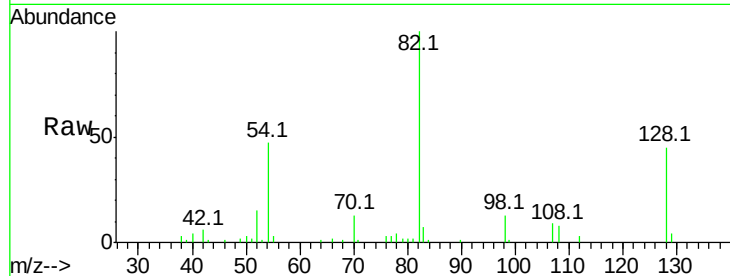




#23
 Nitrobenzene-d5
 Concen: 9.60 ng
 RT: 8.61 min Scan# 1135
 Delta R.T. -0.02 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

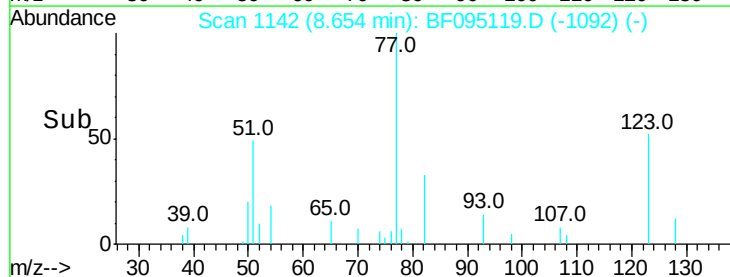
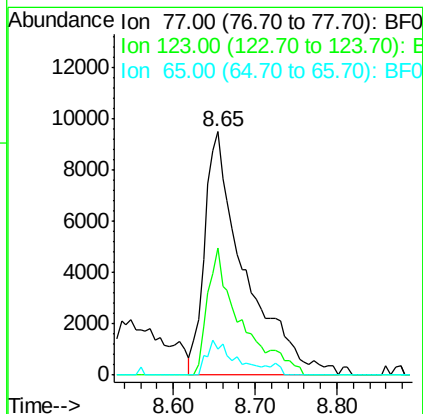
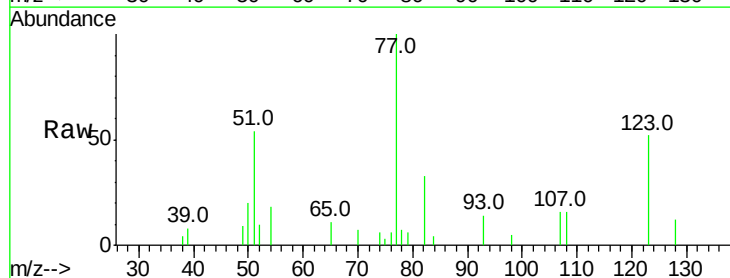
Instrument :
 BNA_F
 ClientSampleId :

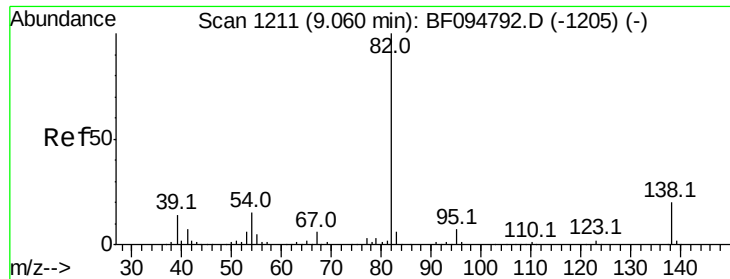
Tot Ion:	82	Resp:	52389
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.0	51.0
54	47.5	42.2	63.2



#24
 Nitrobenzene
 Concen: 5.67 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Tgt Ion:	77	Resp:	32451
Ion	Ratio	Lower	Upper
77	100		
123	52.0	35.8	53.8
65	10.7	10.6	15.8

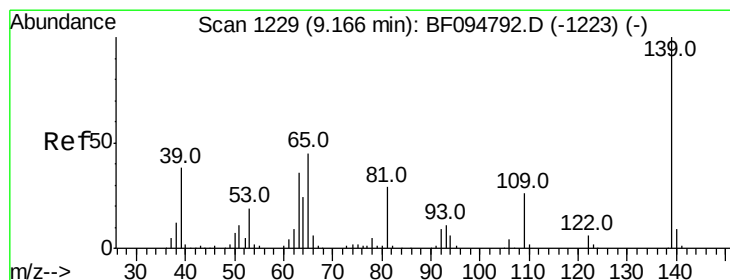
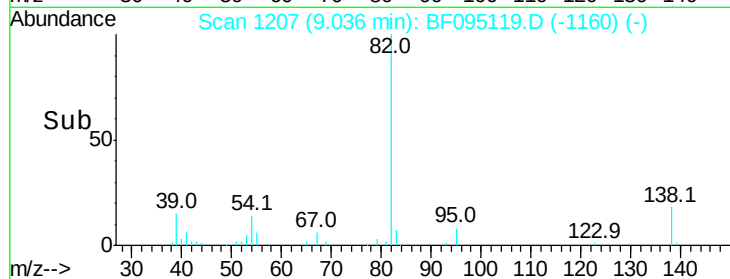
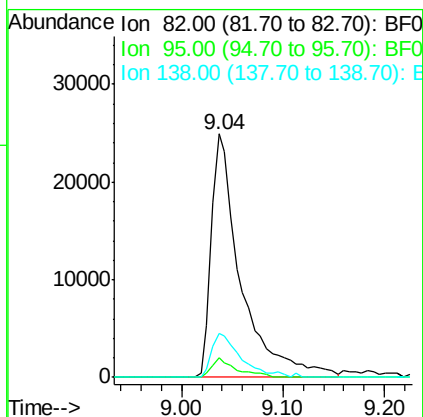
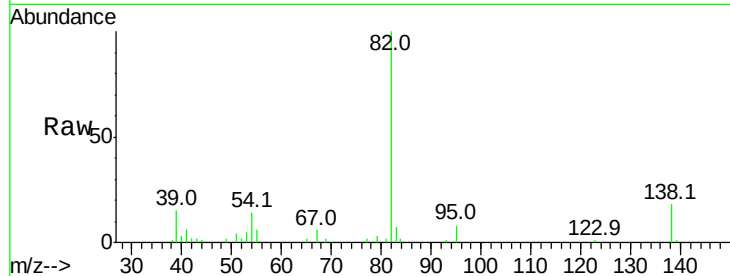




#25
Isophorone
Concen: 5.18 ng
RT: 9.04 min Scan# 1207
Delta R.T. -0.02 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

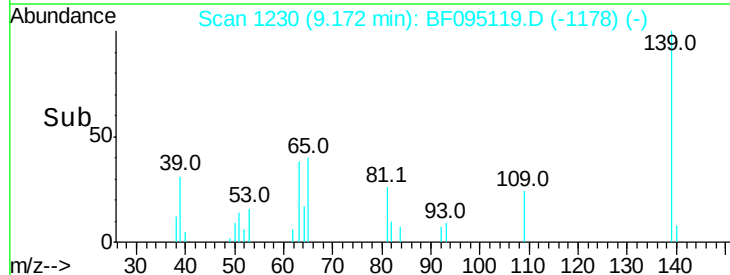
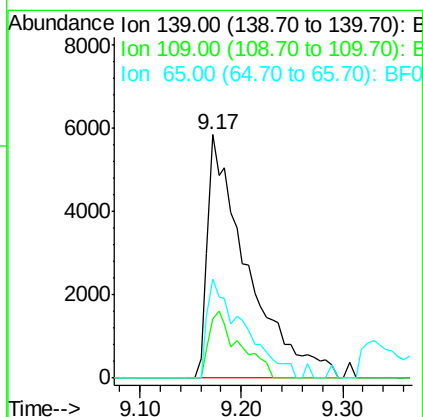
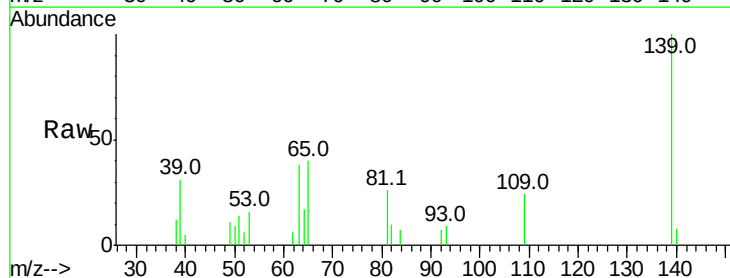
Instrument :
BNA_F
ClientSampleId :

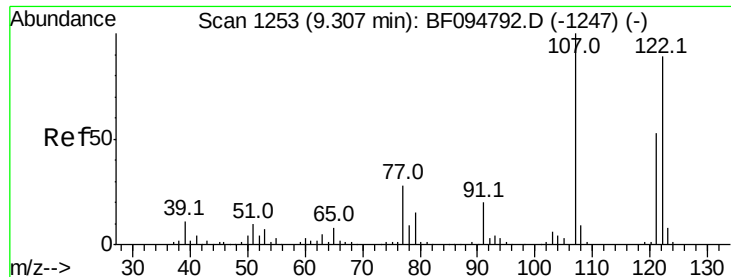
Tot Ion: 82 Resp: 50495
Ion Ratio Lower Upper
82 100
95 8.3 5.3 7.9#
138 17.9 13.1 19.7



#26
2-Nitrophenol
Concen: 5.15 ng
RT: 9.17 min Scan# 1230
Delta R.T. 0.01 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

Tgt Ion: 139 Resp: 15908
Ion Ratio Lower Upper
139 100
109 24.2 21.0 31.6
65 40.4 33.0 49.6

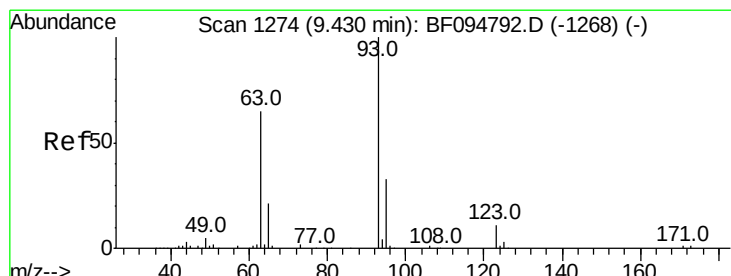
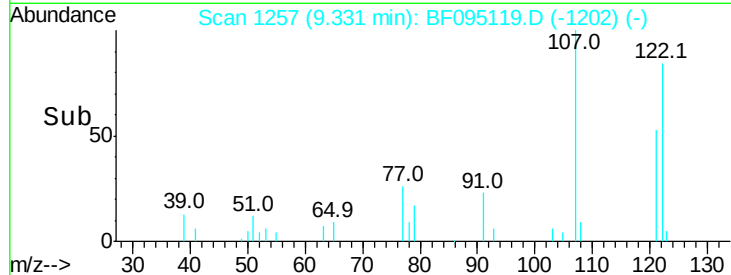
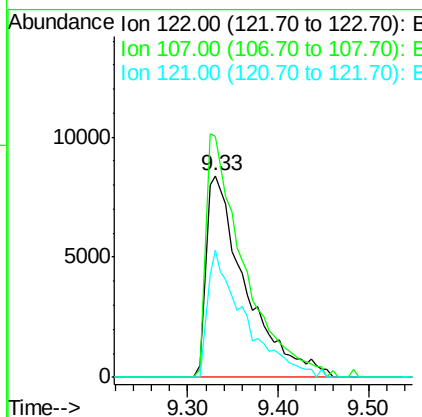
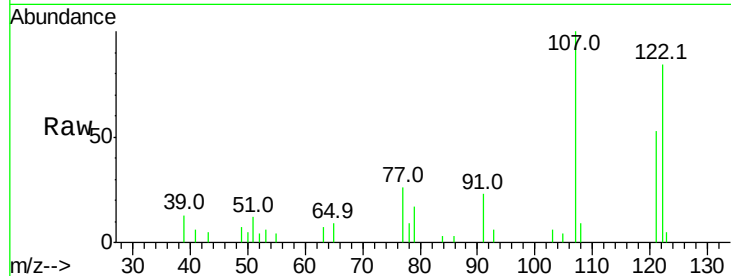




#27
 2,4-Dimethylphenol
 Concen: 5.11 ng
 RT: 9.33 min Scan# 1257
 Delta R.T. 0.02 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

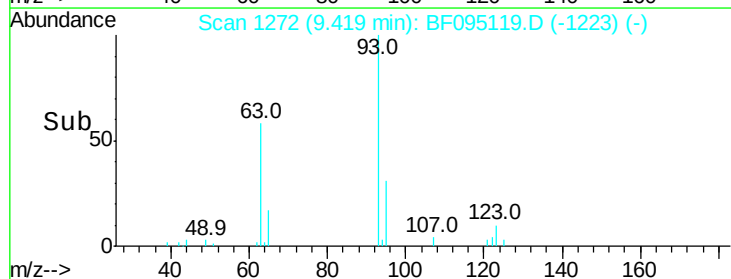
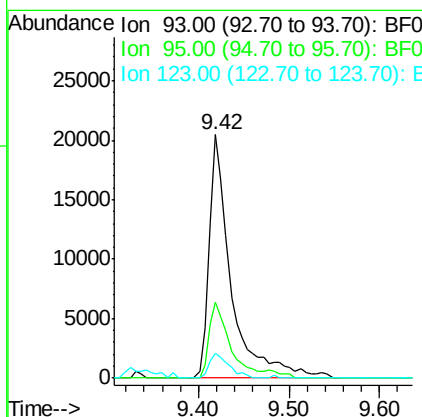
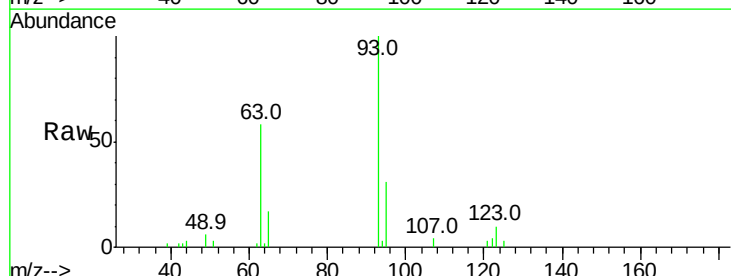
Instrument :
 BNA_F
 ClientSampleId :

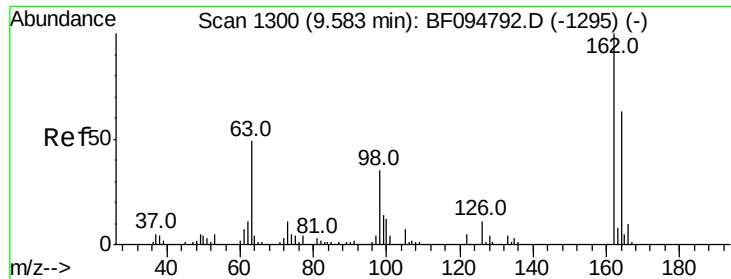
Tot Ion:122 Resp: 25527
 Ion Ratio Lower Upper
 122 100
 107 119.6 89.2 133.8
 121 63.3 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 5.17 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Tgt Ion: 93 Resp: 34879
 Ion Ratio Lower Upper
 93 100
 95 31.2 26.5 39.7
 123 10.2 9.0 13.4

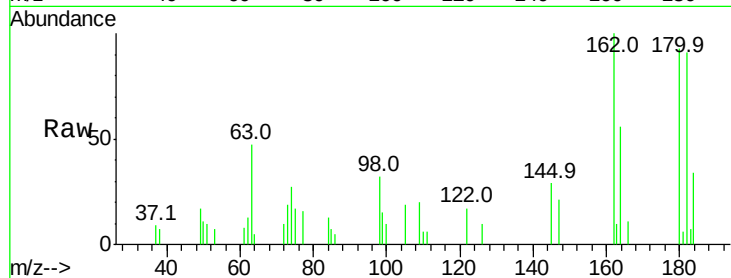




#29
 2,4-Dichlorophenol
 Concen: 5.03 ng
 RT: 9.68 min Scan# 1316
 Delta R.T. 0.09 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	56.4	44.6	84.6
98	31.7	14.8	54.8

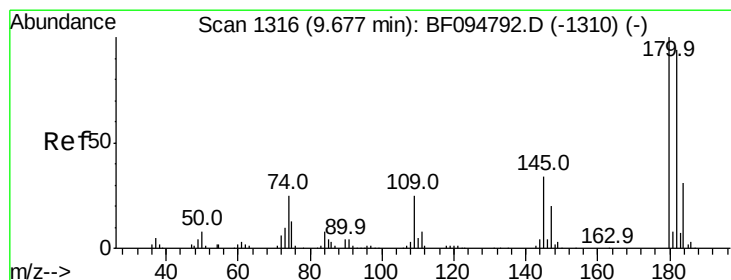
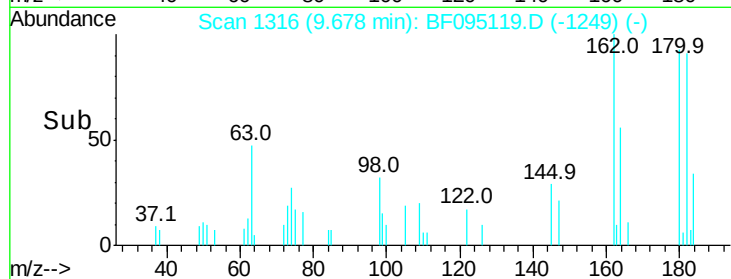
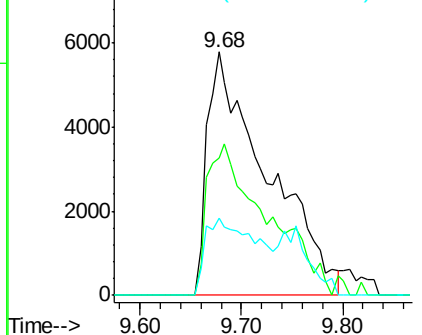


Abundance

Ion 162.00 (161.70 to 162.70): E

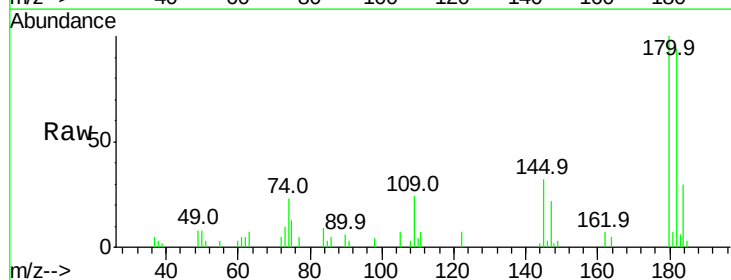
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): E



#30
 1,2,4-Trichlorobenzene
 Concen: 5.40 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.8	113.6
145	32.2	25.3	37.9

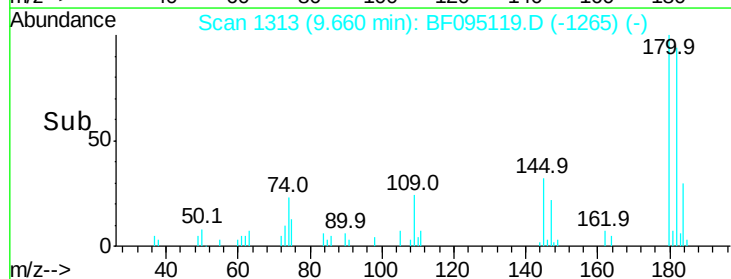
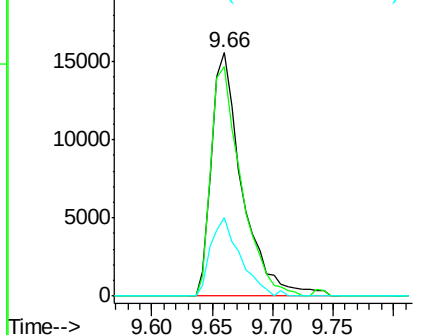


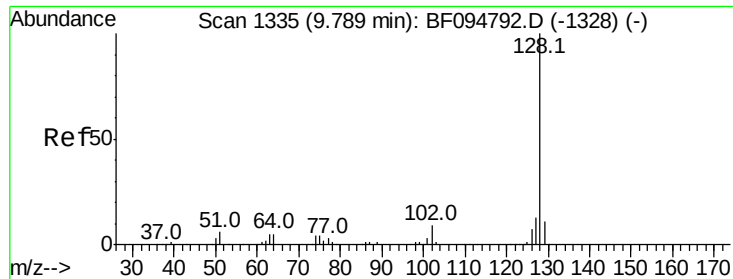
Abundance

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

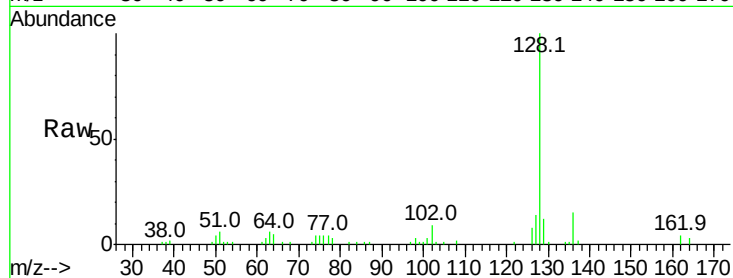




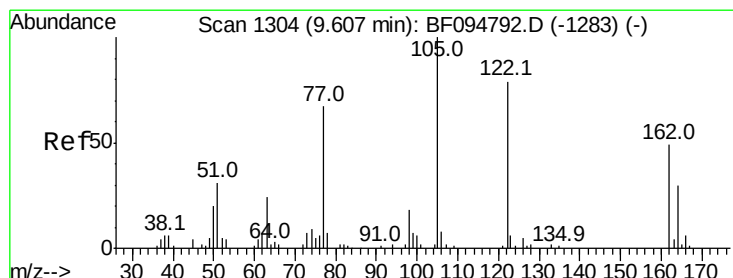
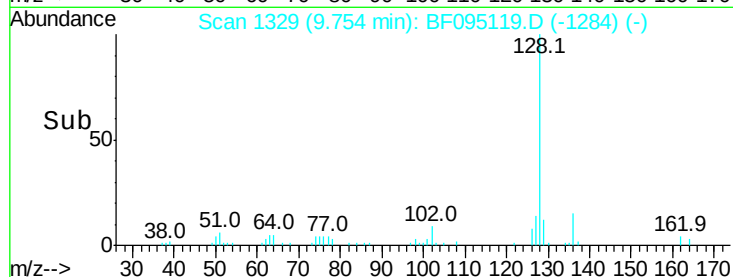
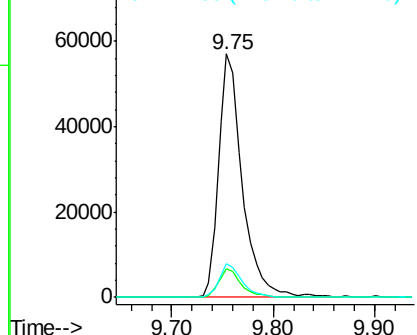
#31
Naphthalene
Concen: 5.35 ng
RT: 9.75 min Scan# 1329
Delta R.T. -0.04 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 92610
Ion Ratio Lower Upper
128 100
129 11.7 9.0 13.6
127 13.6 10.8 16.2

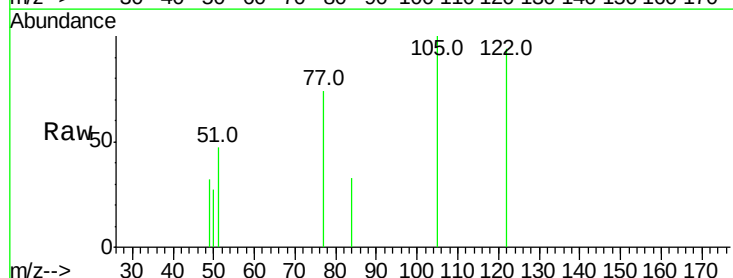


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

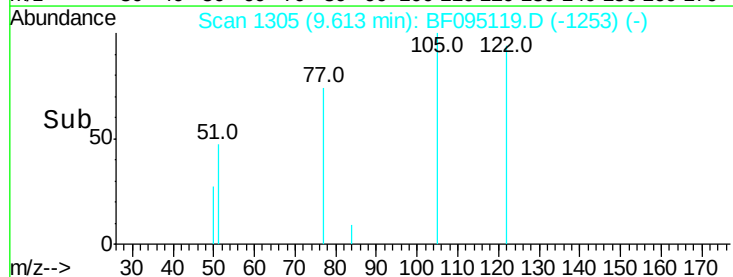
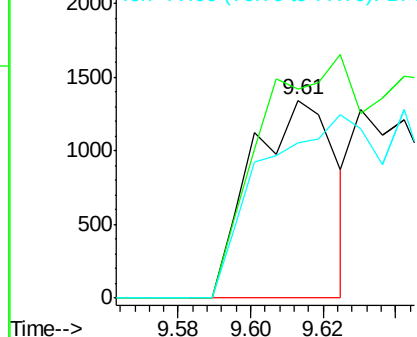


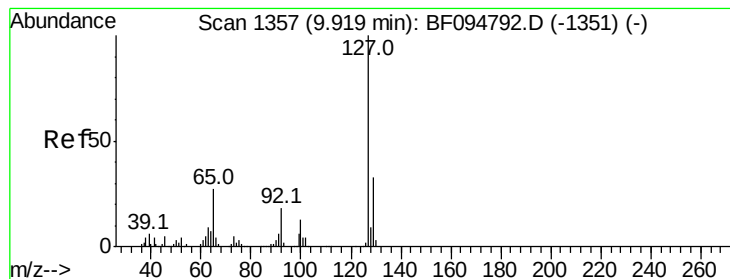
#32
Benzoic acid
Concen: 5.67 ng
RT: 9.61 min Scan# 1305
Delta R.T. 0.01 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

Tgt Ion:122 Resp: 2159
Ion Ratio Lower Upper
122 100
105 105.9 103.3 143.3
77 78.1 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 3.27 ng

RT: 9.96 min Scan# 1364

Delta R.T. 0.04 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Instrument :

BNA_F

ClientSampled :

Tot Ion:127 Resp: 21085

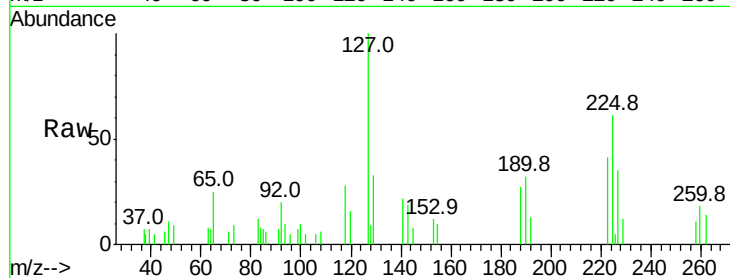
Ion Ratio Lower Upper

127 100

129 33.2 26.2 39.2

65 25.2 27.8 41.8#

92 19.6 16.8 25.2

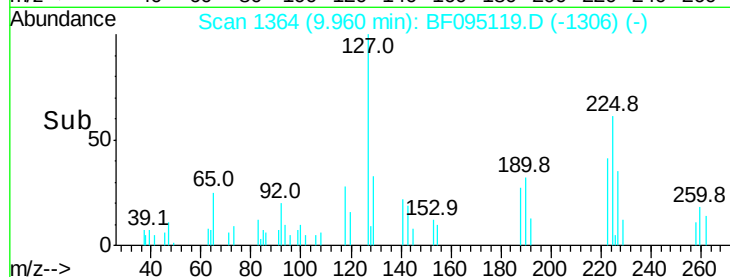


Abundance Ion 127.00 (126.70 to 127.70): E

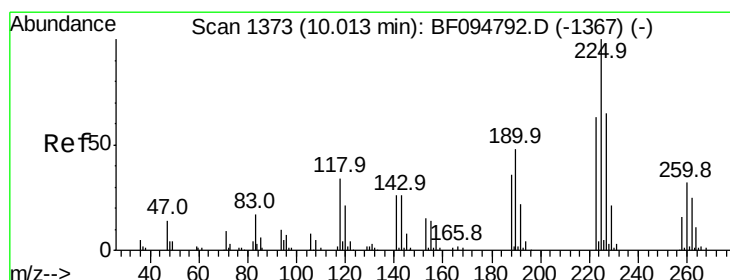
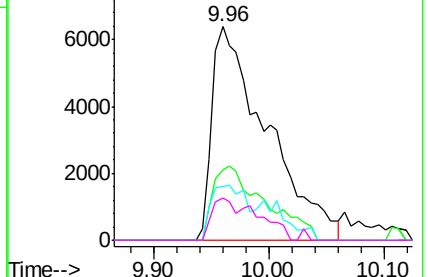
Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



Time-->



#34

Hexachlorobutadiene

Concen: 5.45 ng

RT: 9.97 min Scan# 1366

Delta R.T. -0.04 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

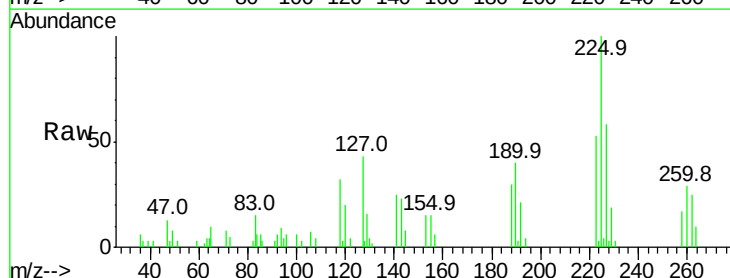
Tgt Ion:225 Resp: 14516

Ion Ratio Lower Upper

225 100

223 52.8 48.8 73.2

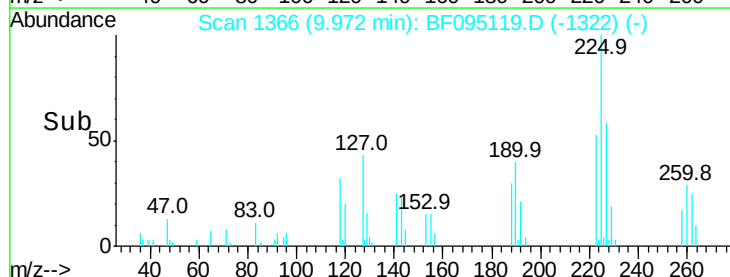
227 61.0 51.1 76.7



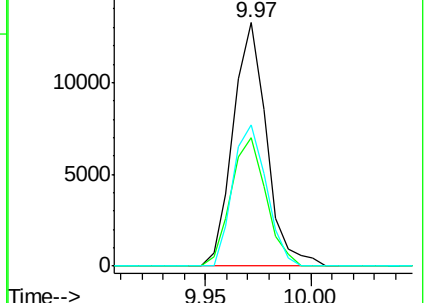
Abundance Ion 225.00 (224.70 to 225.70): E

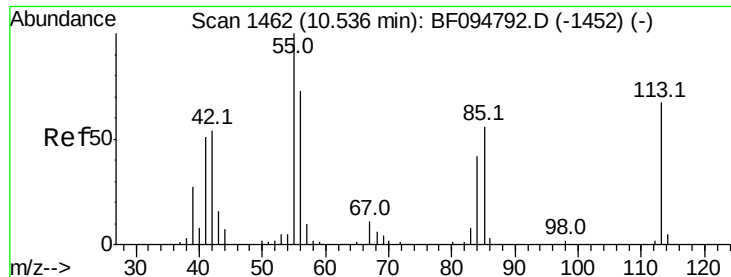
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



Time-->





#35

Caprolactam

Concen: 4.05 ng

RT: 10.52 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Instrument :

BNA_F

ClientSampled :

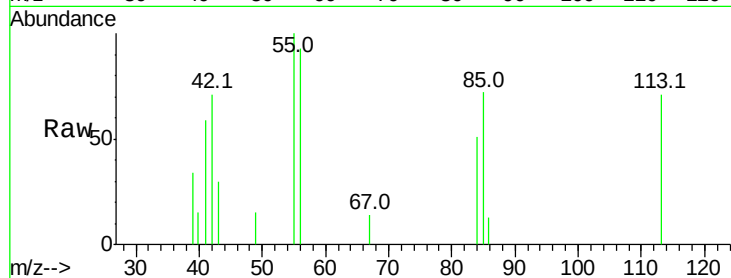
Tot Ion:113 Resp: 5731

Ion Ratio Lower Upper

113 100

55 140.0 150.2 190.2#

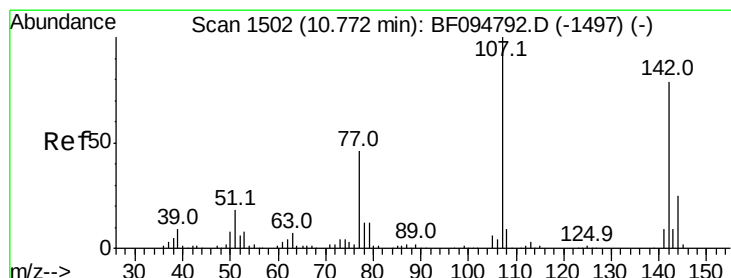
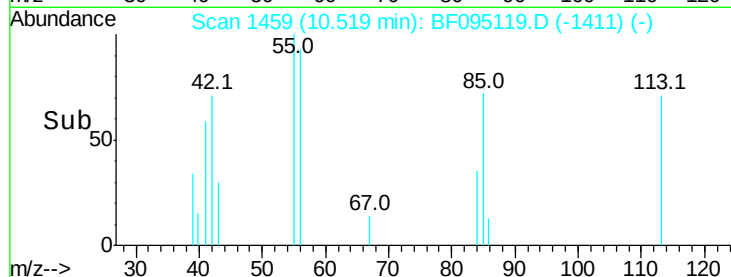
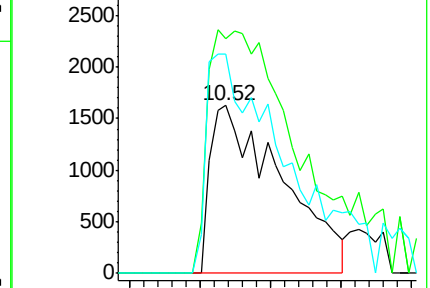
56 130.6 107.8 147.8



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: 5.28 ng

RT: 10.81 min Scan# 1508

Delta R.T. 0.04 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

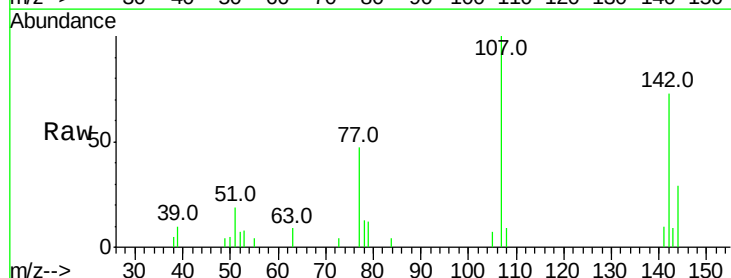
Tgt Ion:107 Resp: 26612

Ion Ratio Lower Upper

107 100

144 28.7 24.2 36.4

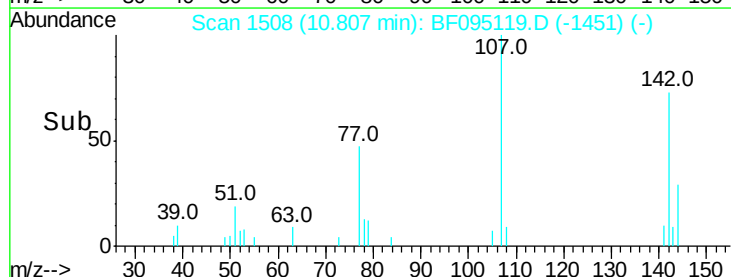
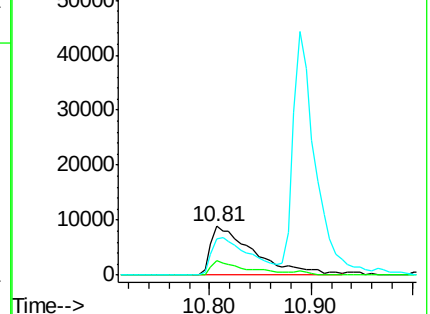
142 73.3 73.4 110.0#

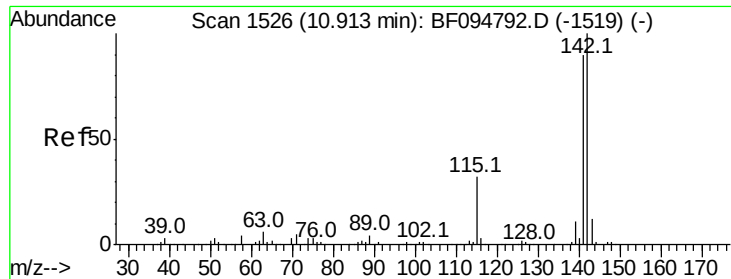


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

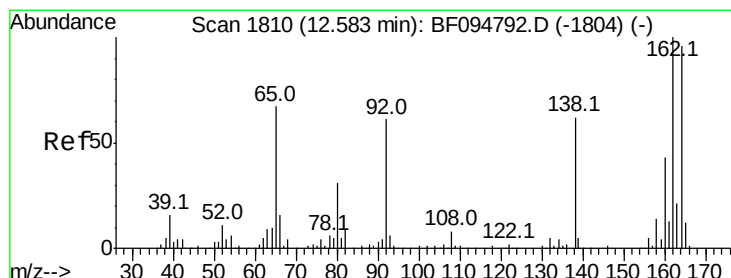
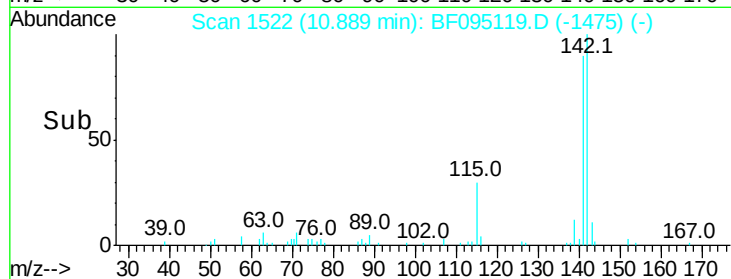
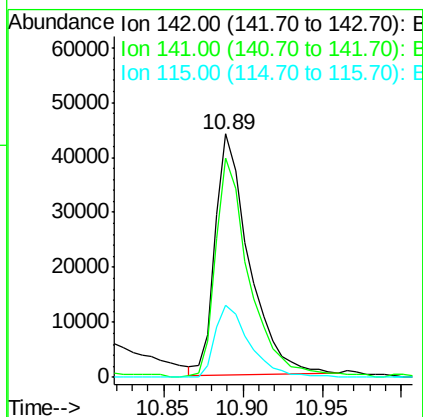
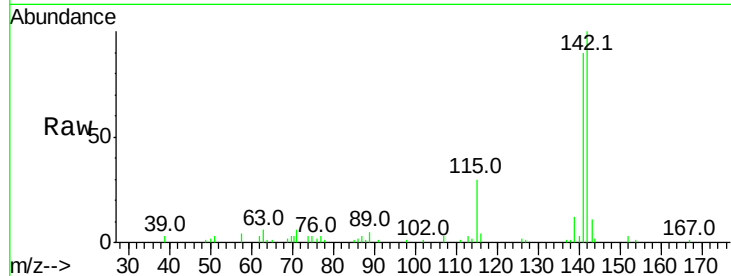




#37
2-Methylnaphthalene
Concen: 5.75 ng
RT: 10.89 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

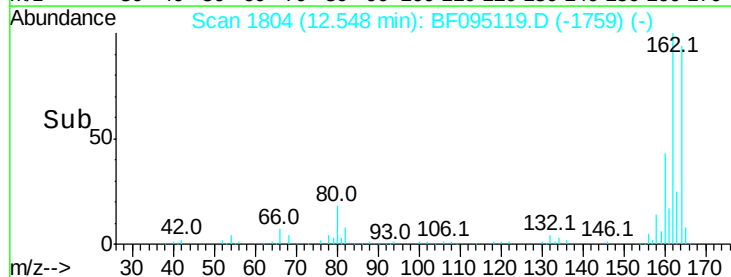
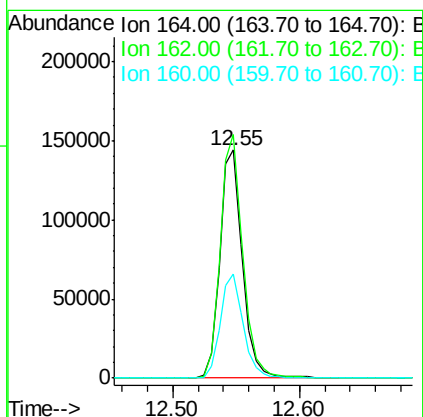
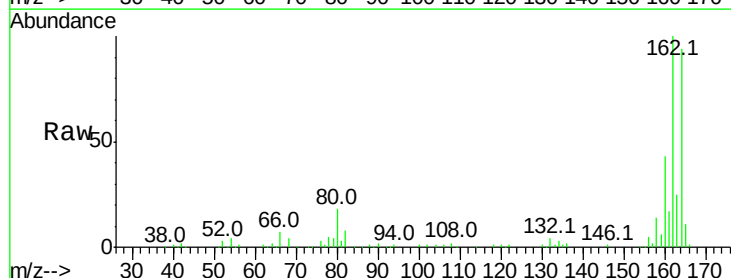
Instrument :
BNA_F
ClientSampleId :

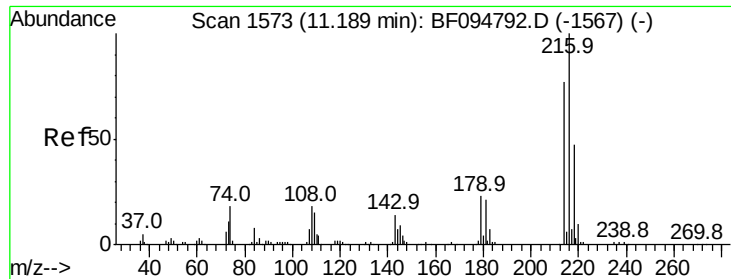
Tot Ion:142 Resp: 65247
Ion Ratio Lower Upper
142 100
141 90.3 71.3 106.9
115 29.8 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.55 min Scan# 1804
Delta R.T. -0.04 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

Tgt Ion:164 Resp: 177469
Ion Ratio Lower Upper
164 100
162 106.7 82.6 123.8
160 45.5 36.2 54.2

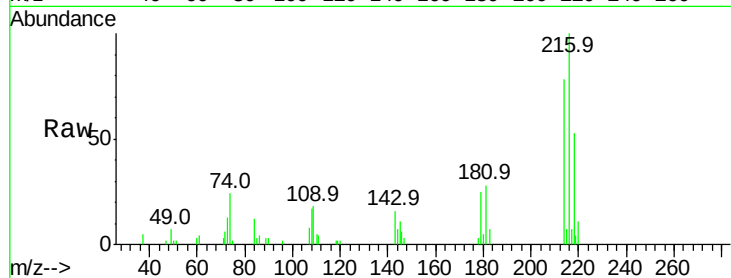




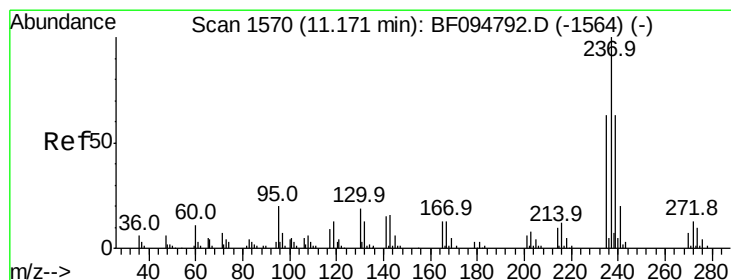
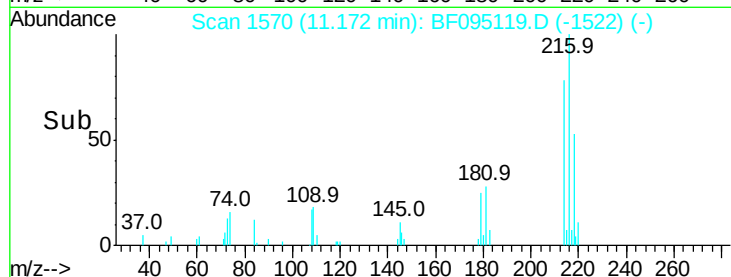
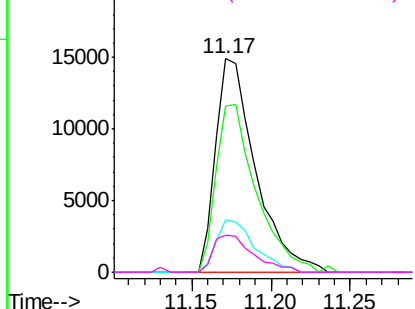
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 4.78 ng
 RT: 11.17 min Scan# 1570
 Delta R.T. -0.02 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	26094
Ion	Ratio	Lower	Upper
216	100		
214	79.6	63.4	95.2
179	24.0	17.9	26.9
108	17.5	16.5	24.7

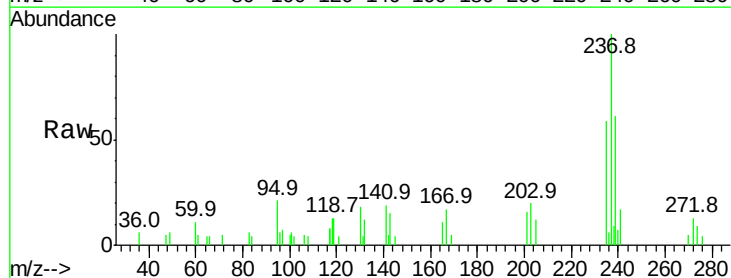


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

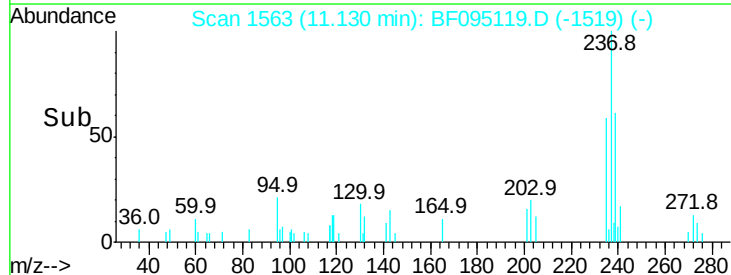
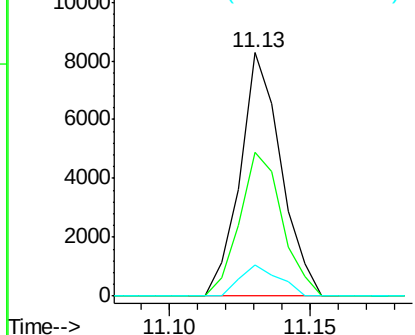


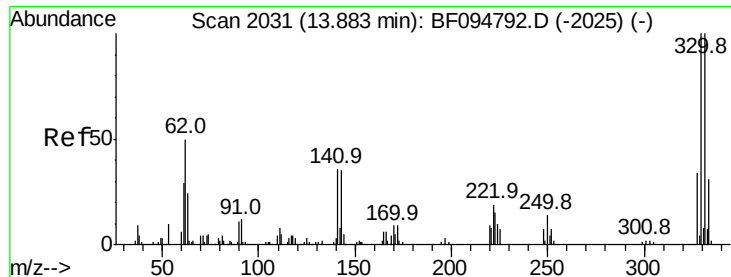
#40
 Hexachlorocyclopentadiene
 Concen: 9.40 ng
 RT: 11.13 min Scan# 1563
 Delta R.T. -0.04 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Tgt Ion:	237	Resp:	8302
Ion	Ratio	Lower	Upper
237	100		
235	59.2	42.6	82.6
272	13.0	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

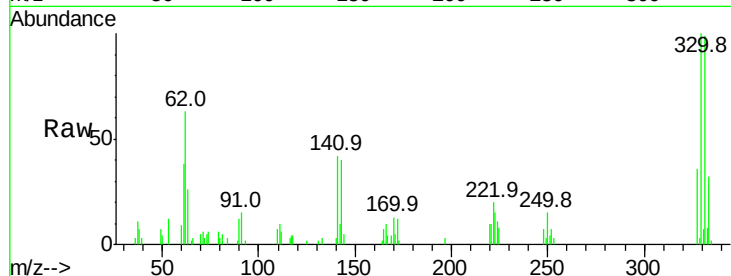




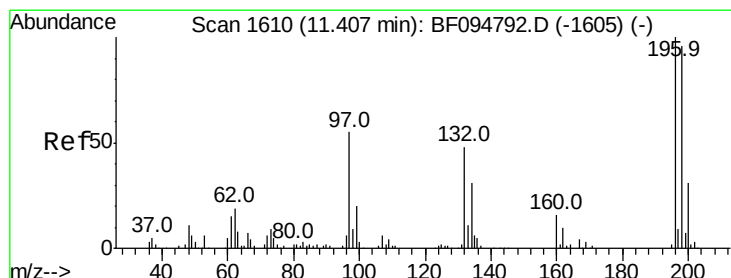
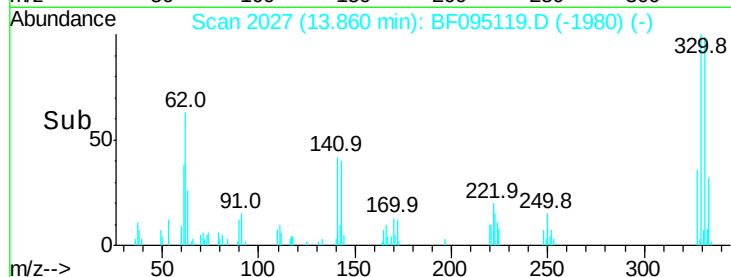
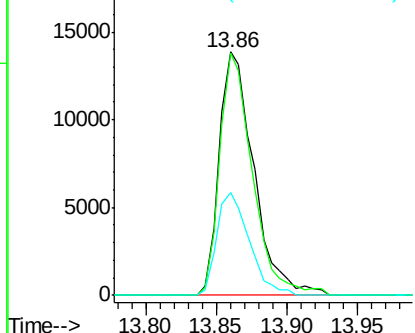
#41
 2,4,6-Tribromophenol
 Concen: 16.26 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 23629
 Ion Ratio Lower Upper
 330 100
 332 94.1 76.6 115.0
 141 39.5 31.4 47.2

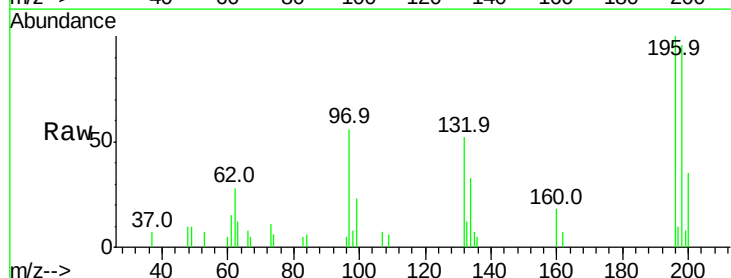


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

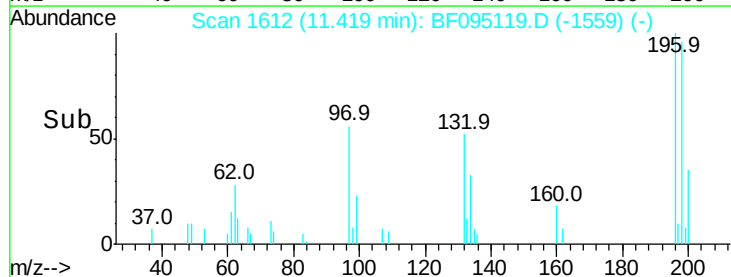
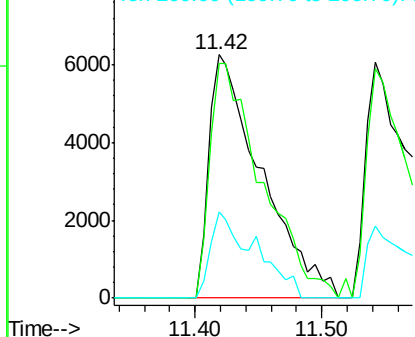


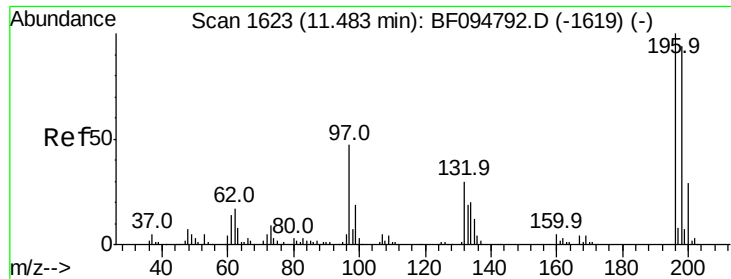
#42
 2,4,6-Trichlorophenol
 Concen: 4.93 ng
 RT: 11.42 min Scan# 1612
 Delta R.T. 0.01 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Tgt Ion:196 Resp: 17959
 Ion Ratio Lower Upper
 196 100
 198 96.1 74.2 111.4
 200 35.4 24.0 36.0



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

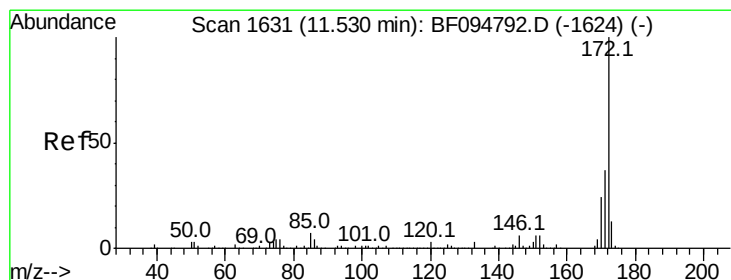
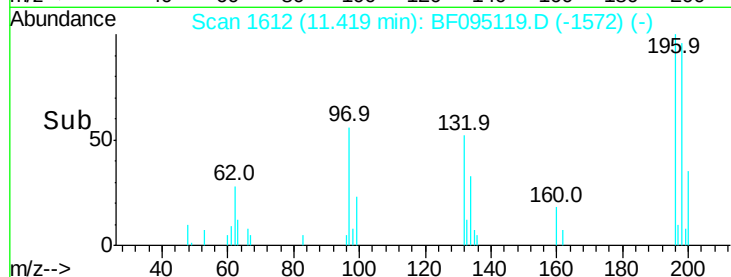
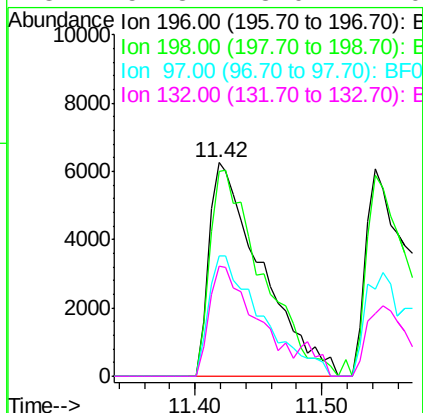
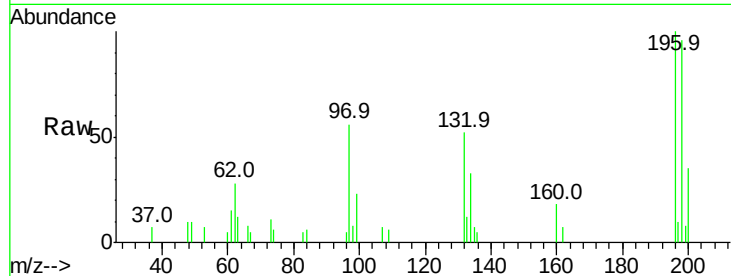




#43
 2,4,5-Trichlorophenol
 Concen: 4.59 ng
 RT: 11.42 min Scan# 1612
 Delta R.T. -0.06 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

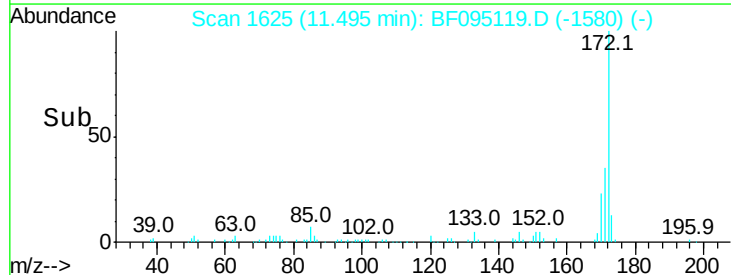
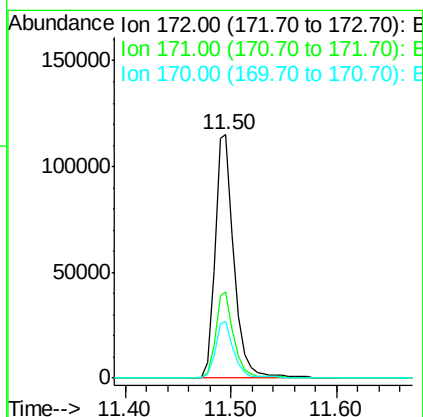
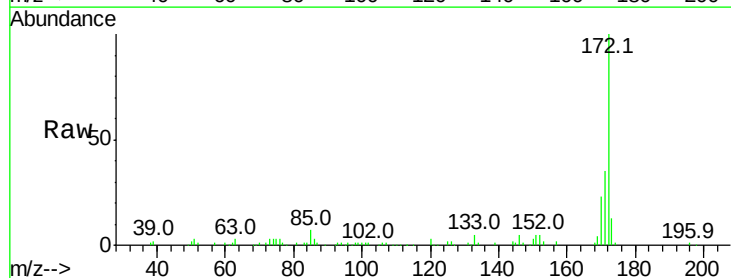
Instrument :
 BNA_F
 ClientSampled :

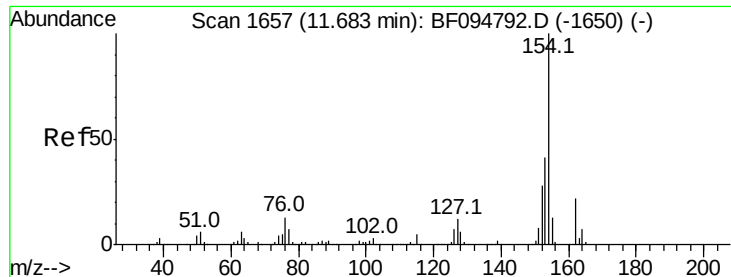
Tot Ion:196 Resp: 17959
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.7 113.5
 97 56.5 47.7 71.5
 132 51.8 28.0 42.0#



#44
 2-Fluorobiphenyl
 Concen: 11.85 ng
 RT: 11.50 min Scan# 1625
 Delta R.T. -0.04 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Tgt Ion:172 Resp: 146064
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.6 44.4
 170 23.1 19.8 29.8

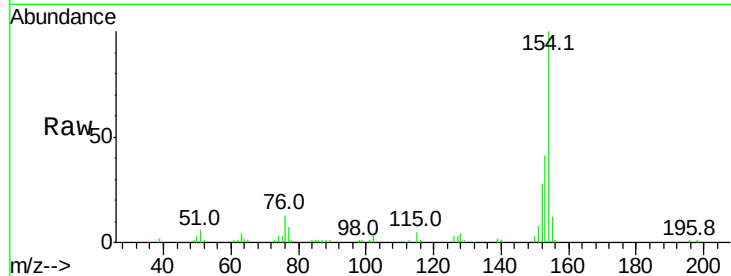




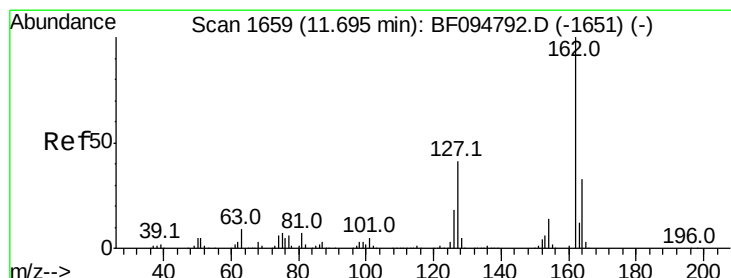
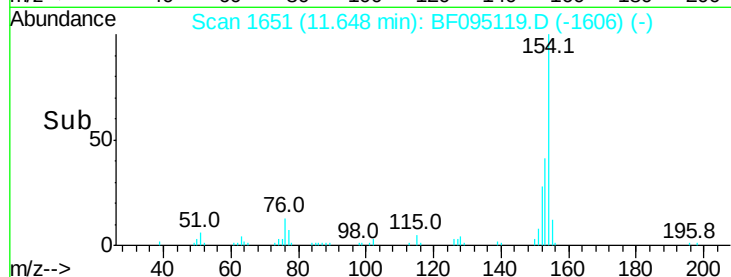
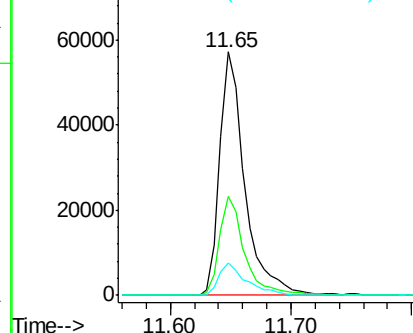
#45
 1,1'-Biphenyl
 Concen: 5.49 ng
 RT: 11.65 min Scan# 1651
 Delta R.T. -0.04 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	13.1	0.0	29.9

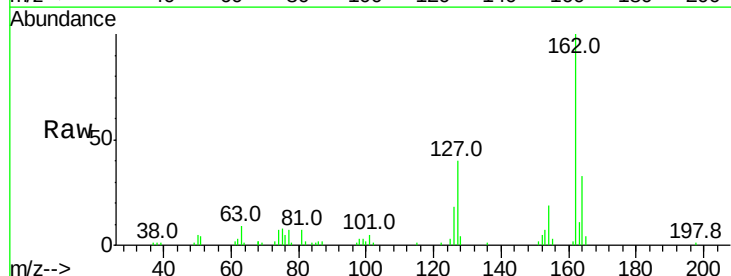


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

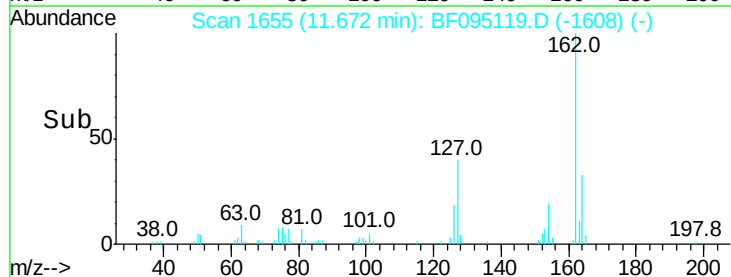
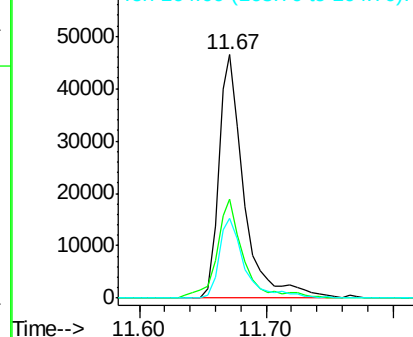


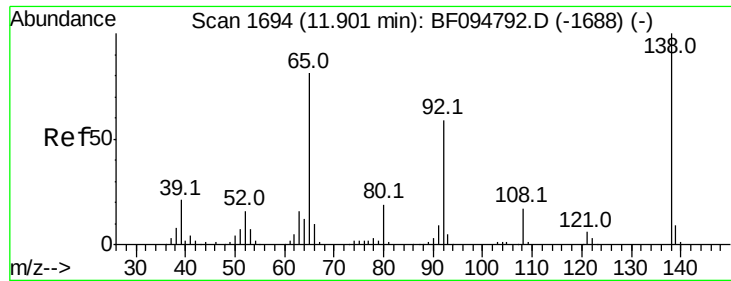
#46
 2-Chloronaphthalene
 Concen: 5.33 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.02 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	28.3	42.5
164	32.7	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

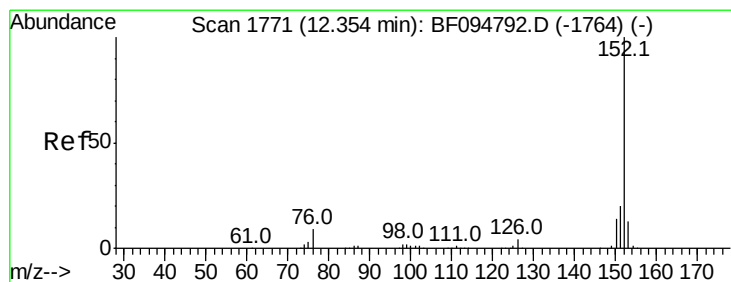
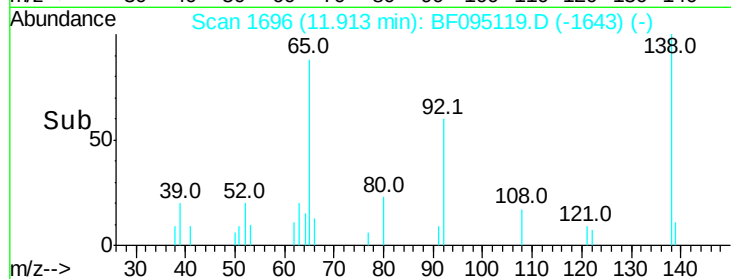
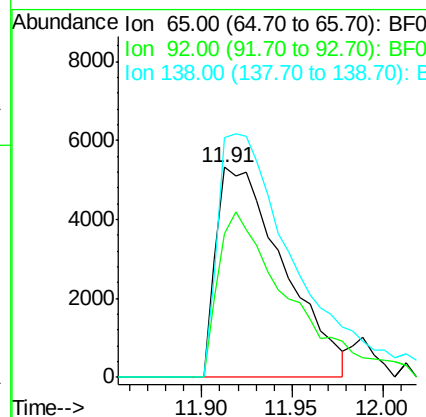
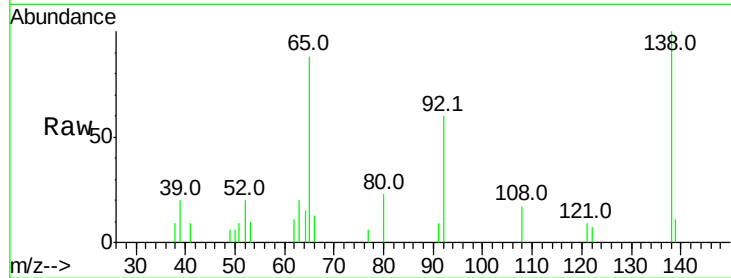




#47
 2-Nitroaniline
 Concen: 4.17 ng
 RT: 11.91 min Scan# 1696
 Delta R.T. 0.01 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

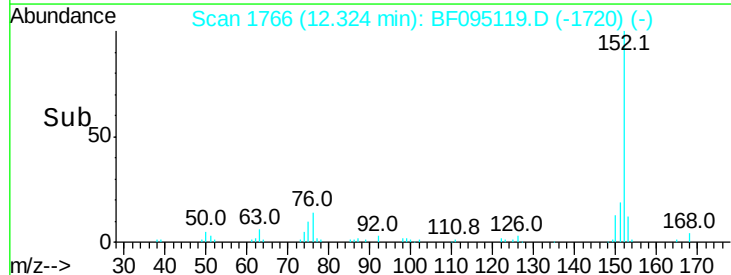
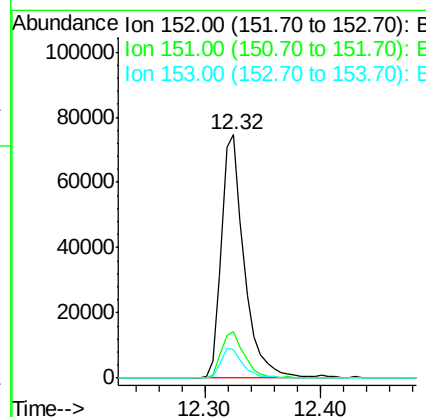
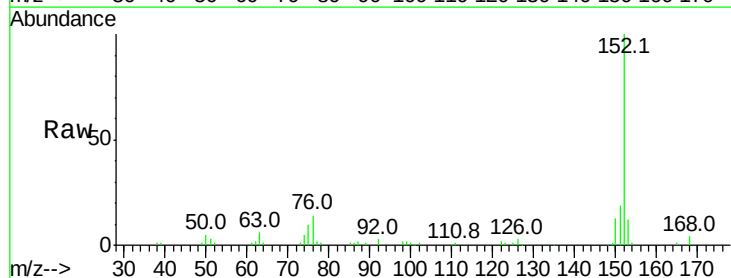
Instrument :
 BNA_F
 ClientSampleId :

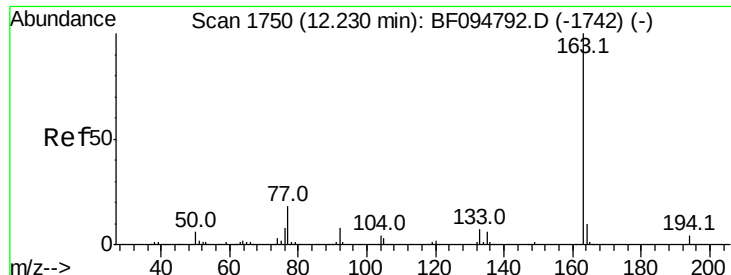
Tot Ion: 65 Resp: 13765
 Ion Ratio Lower Upper
 65 100
 92 68.5 53.9 80.9
 138 114.2 78.8 118.2



#48
 Acenaphthylene
 Concen: 5.44 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. -0.03 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Tgt Ion: 152 Resp: 102826
 Ion Ratio Lower Upper
 152 100
 151 18.9 16.8 25.2
 153 12.0 10.8 16.2





#49

Dimethylphthalate

Concen: 5.12 ng

RT: 12.19 min Scan# 1743

Delta R.T. -0.04 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

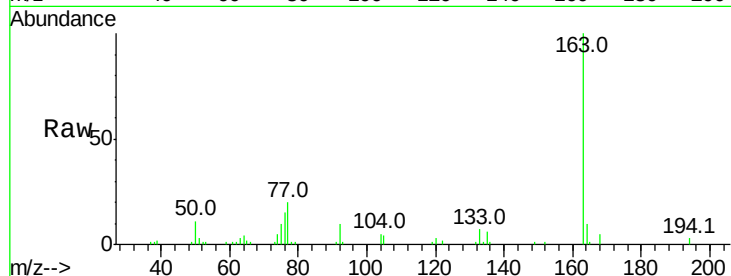
Tot Ion:163 Resp: 74534

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

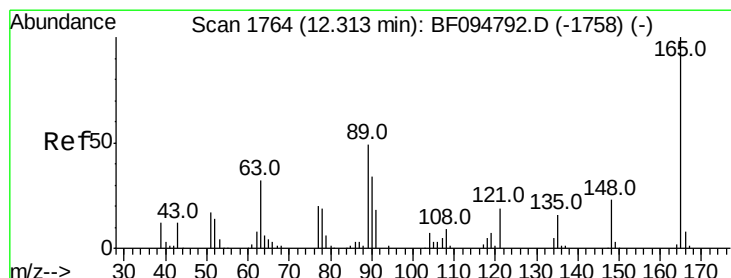
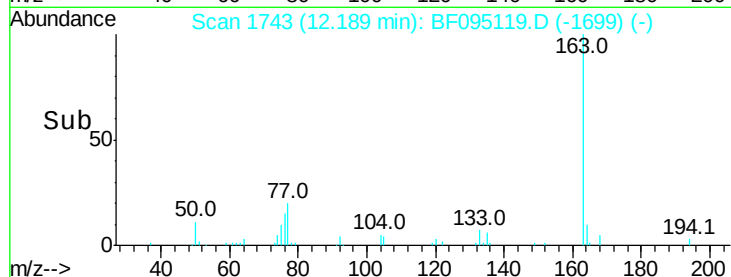
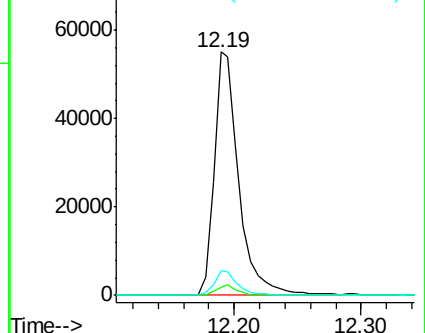
164 10.3 8.4 12.6



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: 5.16 ng

RT: 12.29 min Scan# 1760

Delta R.T. -0.02 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

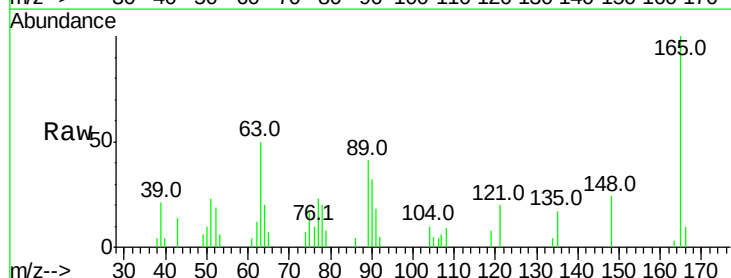
Tgt Ion:165 Resp: 15338

Ion Ratio Lower Upper

165 100

63 50.1 34.3 51.5

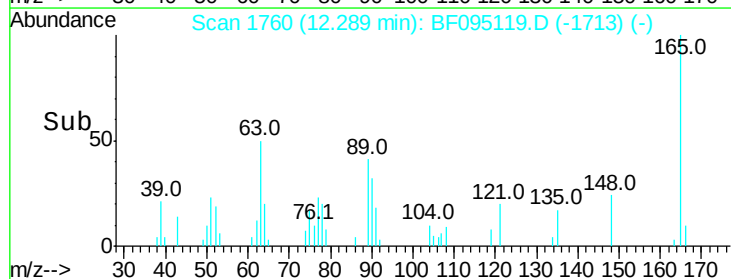
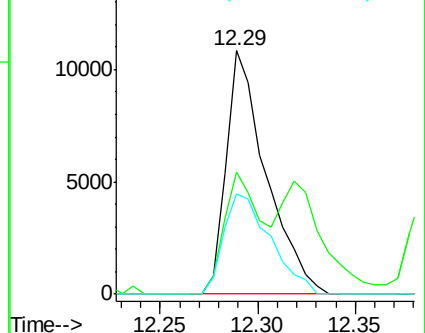
89 41.1 37.1 55.7

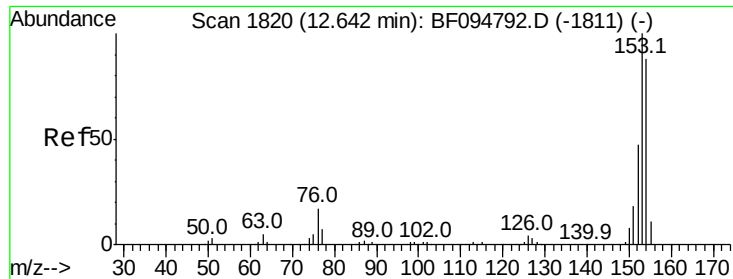


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 5.45 ng

RT: 12.60 min Scan# 1813

Delta R.T. -0.04 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

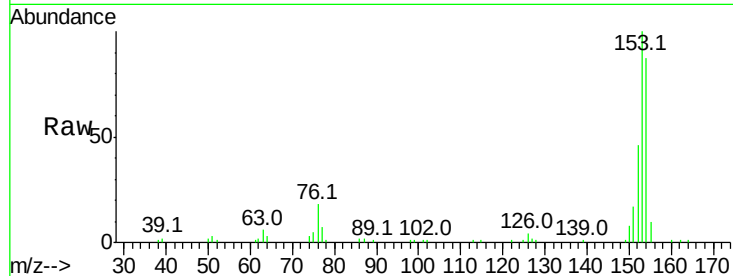
Tot Ion:154 Resp: 61559

Ion Ratio Lower Upper

154 100

153 114.3 90.5 135.7

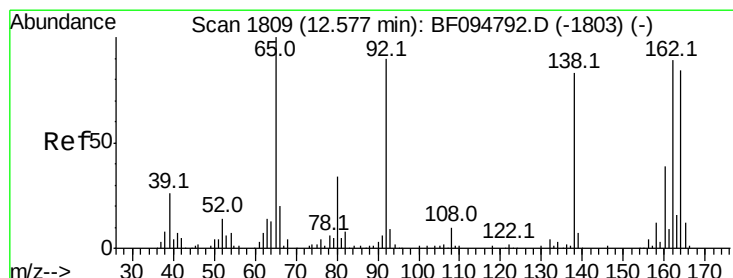
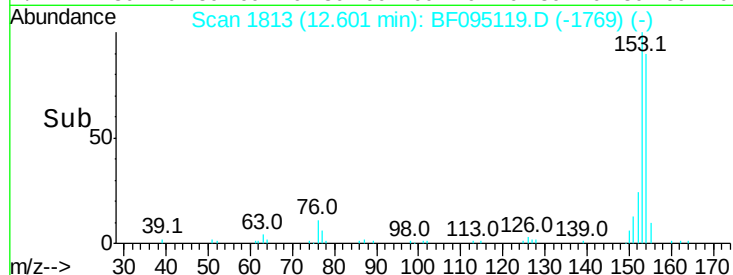
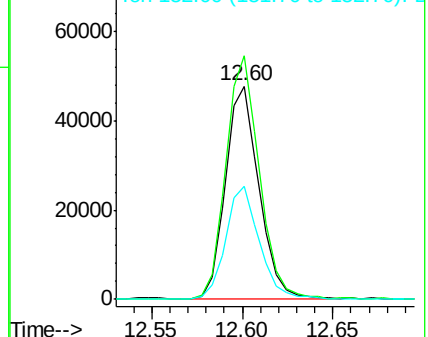
152 53.0 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 3.82 ng

RT: 12.62 min Scan# 1816

Delta R.T. 0.04 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

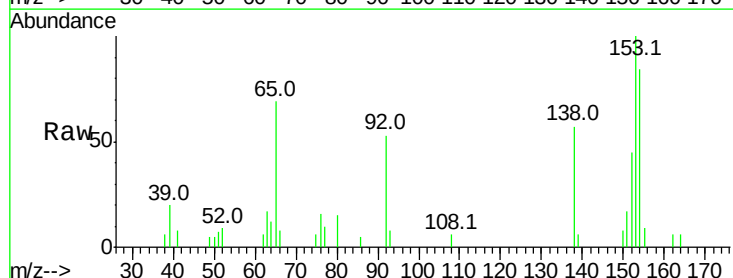
Tgt Ion:138 Resp: 12179

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

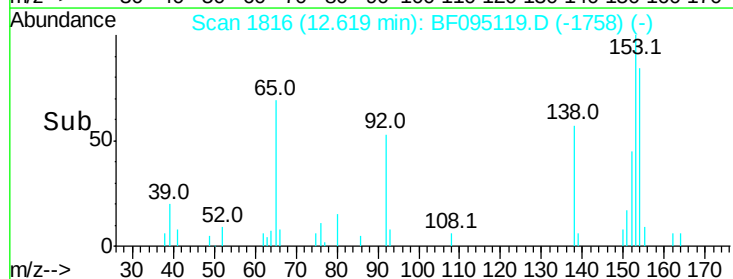
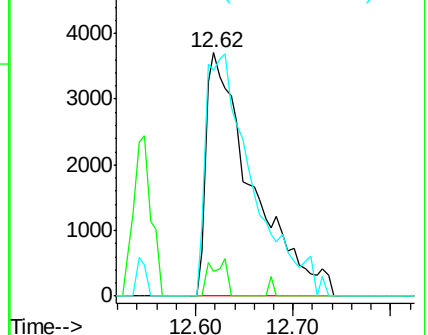
92 92.7 93.8 140.6#

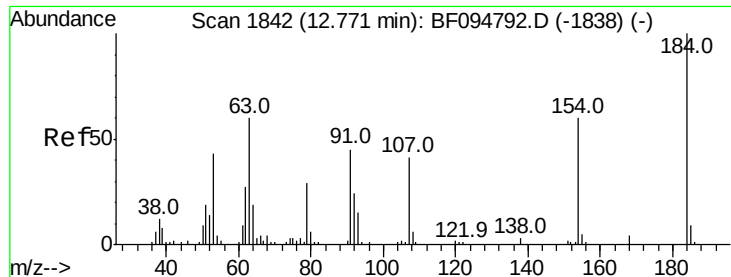


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

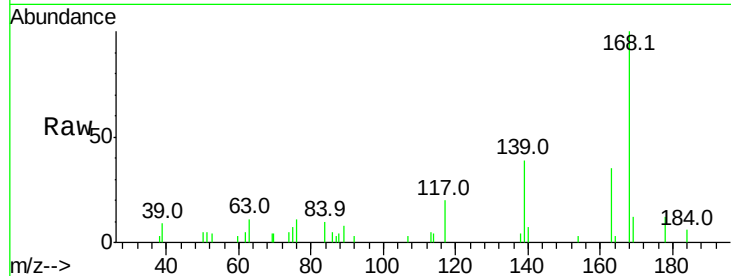




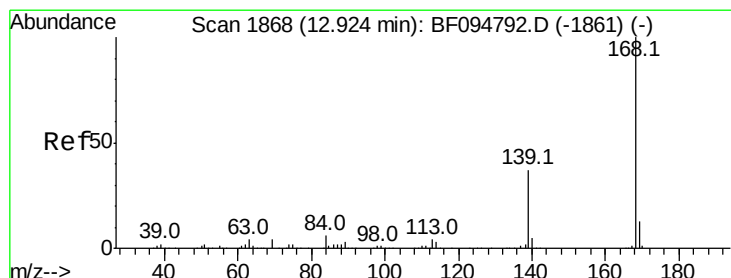
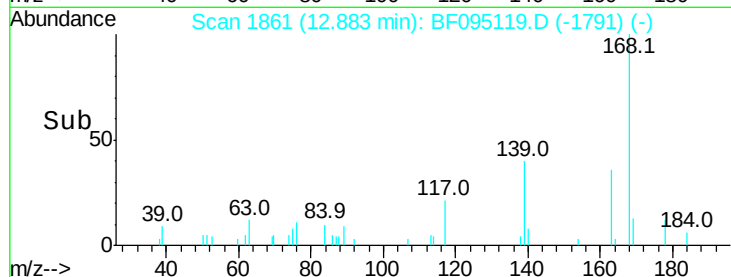
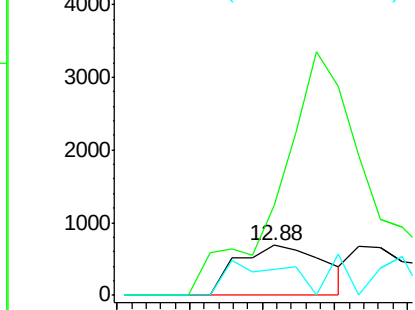
#53
 2,4-Dinitrophenol
 Concen: 6.89 ng
 RT: 12.88 min Scan# 1861
 Delta R.T. 0.11 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 1138
 Ion Ratio Lower Upper
 184 100
 63 179.6 62.7 94.1#
 154 53.1 81.1 121.7#

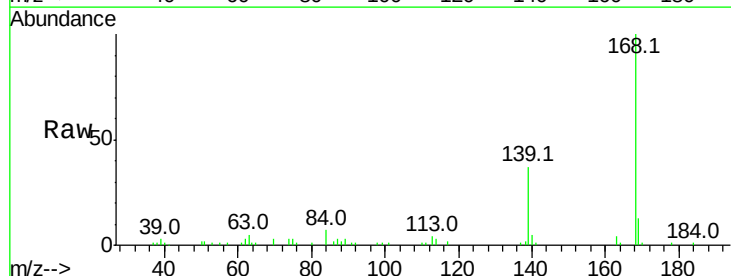


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

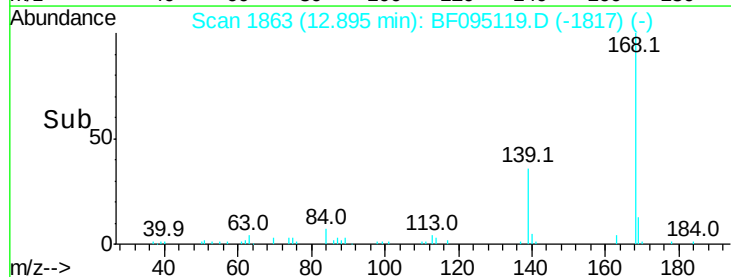
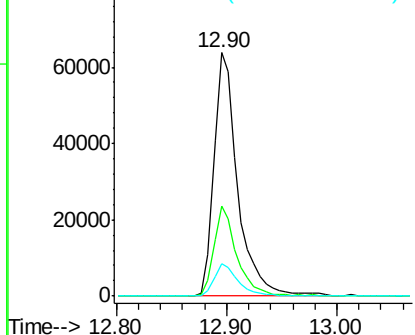


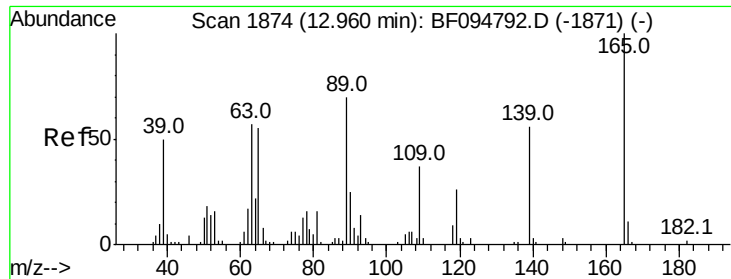
#54
 Dibenzofuran
 Concen: 6.08 ng
 RT: 12.90 min Scan# 1863
 Delta R.T. -0.03 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Tgt Ion:168 Resp: 94927
 Ion Ratio Lower Upper
 168 100
 139 37.2 30.6 45.8
 169 13.5 10.8 16.2



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

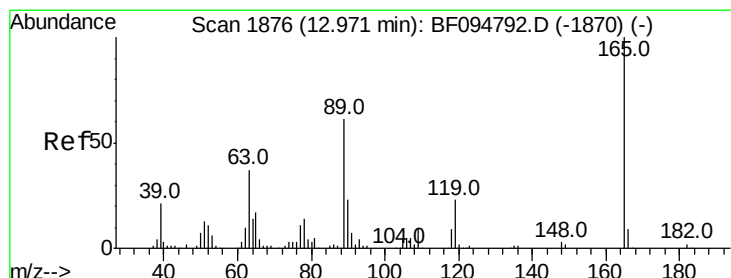
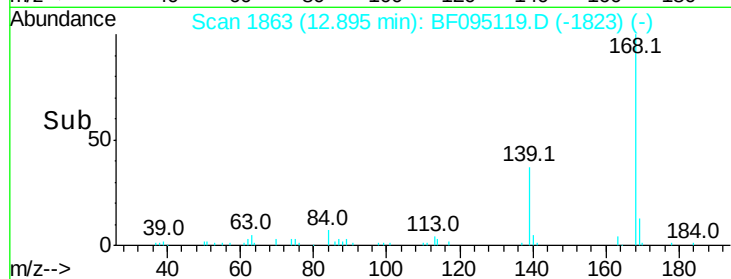
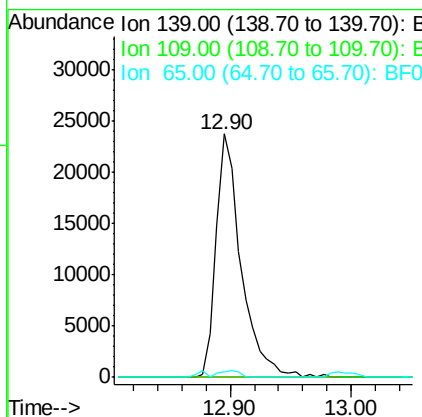
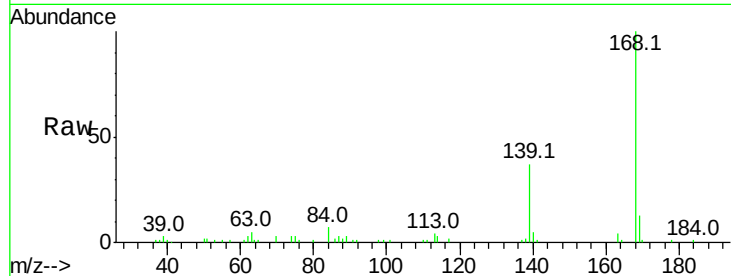




#55
4-Nitrophenol
Concen: 17.67 ng
RT: 12.90 min Scan# 1863
Delta R.T. -0.06 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

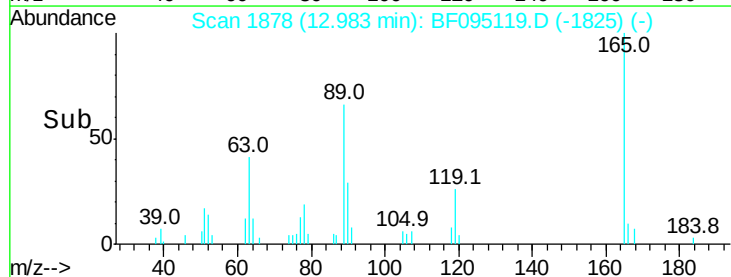
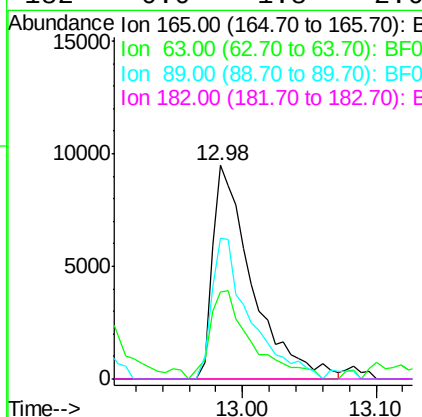
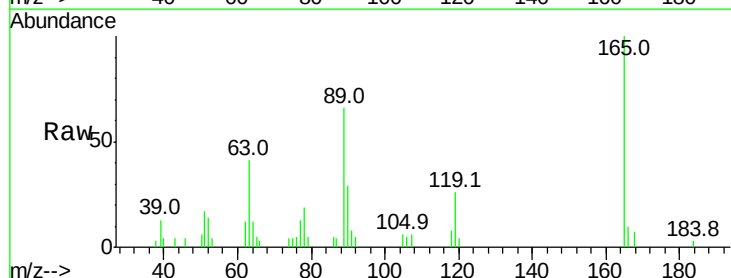
Instrument :
BNA_F
ClientSampleId :

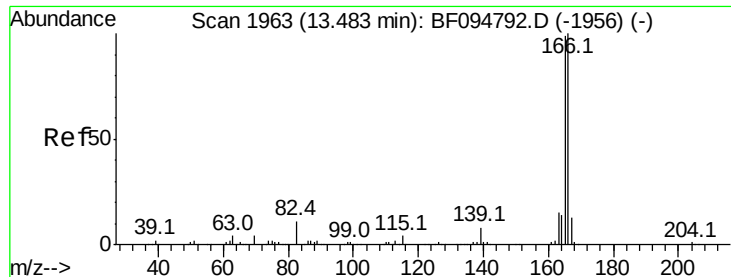
Tot Ion:139 Resp: 33866
Ion Ratio Lower Upper
139 100
109 0.0 34.1 74.1#
65 2.0 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 5.16 ng
RT: 12.98 min Scan# 1878
Delta R.T. 0.01 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

Tgt Ion:165 Resp: 19712
Ion Ratio Lower Upper
165 100
63 41.1 25.4 38.0#
89 65.8 46.4 69.6
182 0.0 1.8 2.6#





#57

Fluorene

Concen: 5.55 ng

RT: 13.45 min Scan# 1957

Delta R.T. -0.04 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

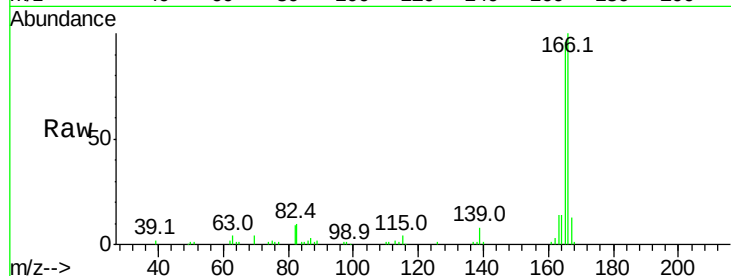
Tot Ion:166 Resp: 75311

Ion Ratio Lower Upper

166 100

165 96.1 78.8 118.2

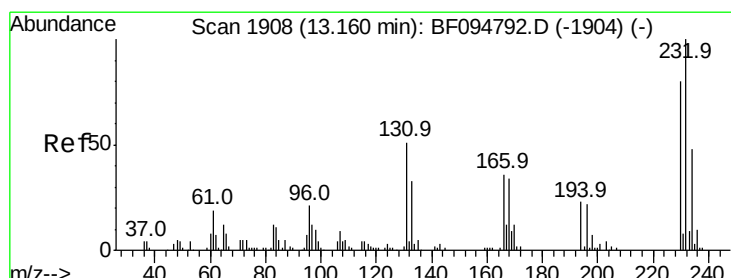
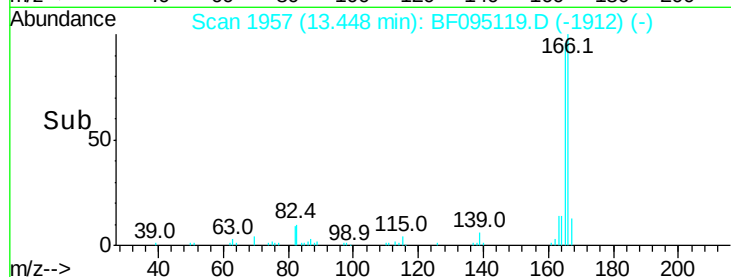
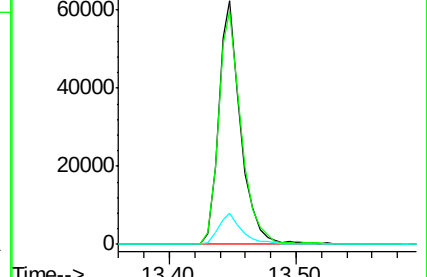
167 12.7 10.6 16.0



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: 4.89 ng

RT: 13.15 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Tgt Ion:232 Resp: 12041

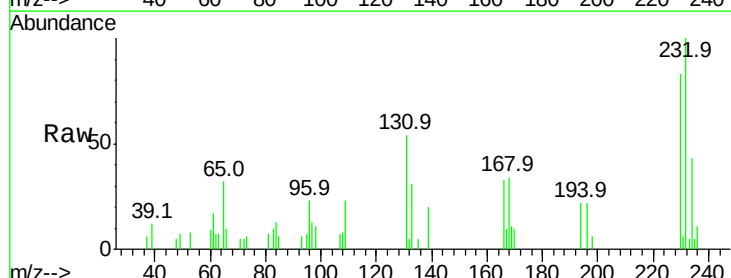
Ion Ratio Lower Upper

232 100

131 54.7 44.8 67.2

130 0.0 2.3 3.5#

166 38.0 29.0 43.4

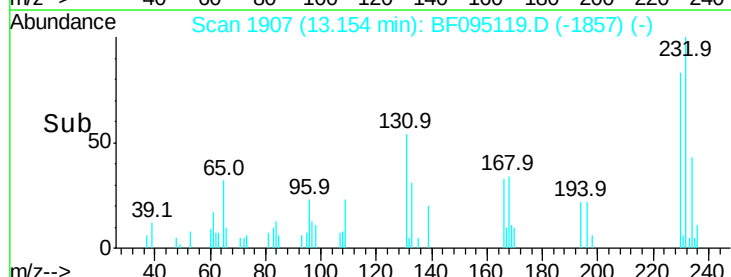
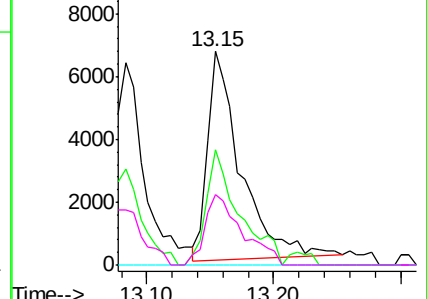


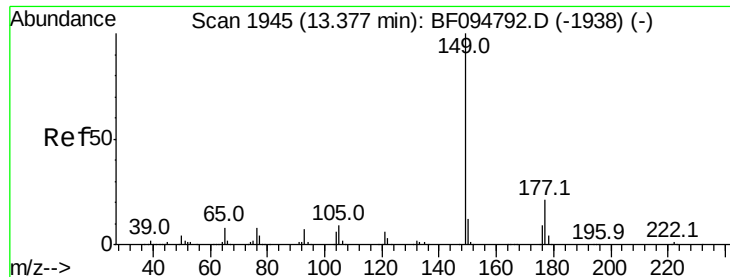
Abundance Ion 232.00 (231.70 to 232.70): E

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

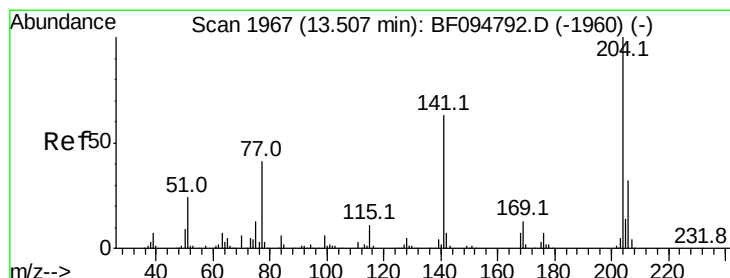
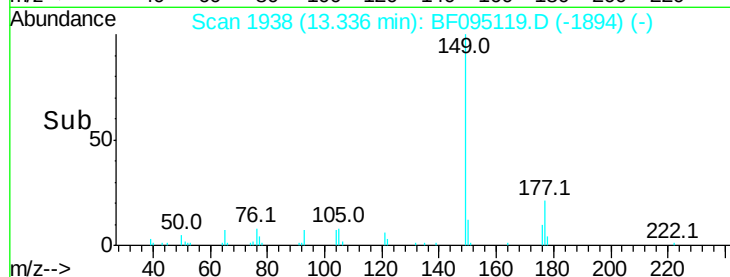
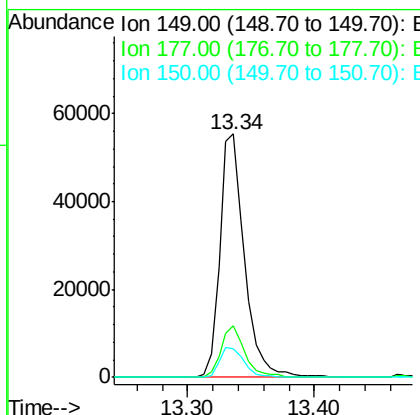
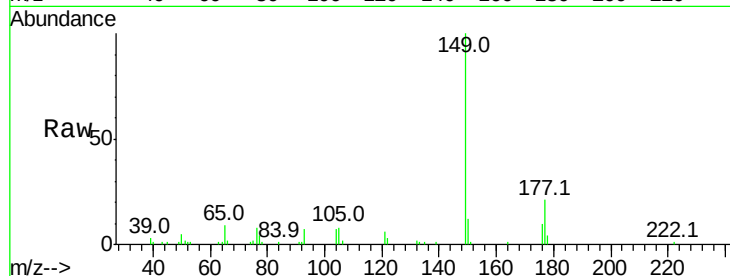




#59
Diethylphthalate
Concen: 5.34 ng
RT: 13.34 min Scan# 1938
Delta R.T. -0.04 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

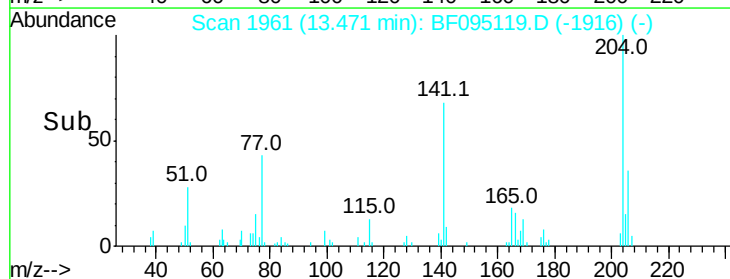
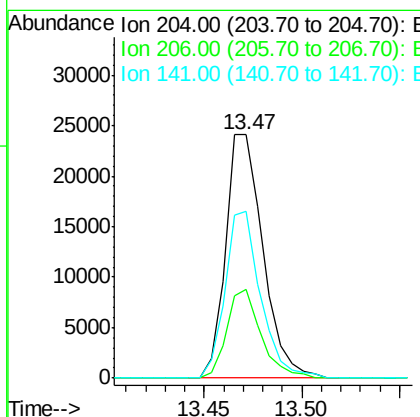
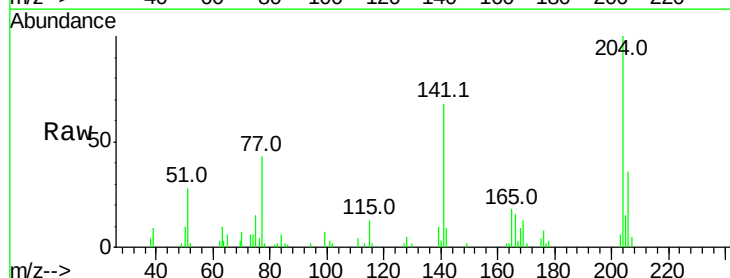
Instrument :
BNA_F
ClientSampleId :

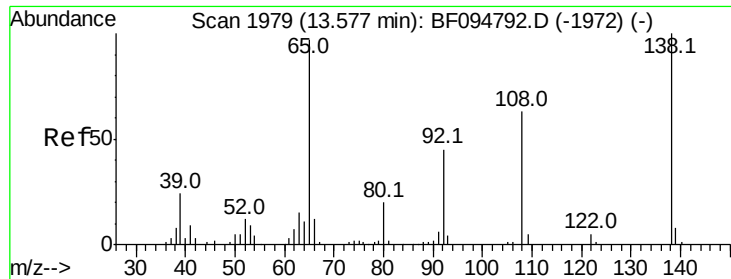
Tot Ion:149 Resp: 74582
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 11.8 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 5.36 ng
RT: 13.47 min Scan# 1961
Delta R.T. -0.04 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

Tgt Ion:204 Resp: 32015
Ion Ratio Lower Upper
204 100
206 36.3 26.2 39.2
141 68.3 60.8 91.2

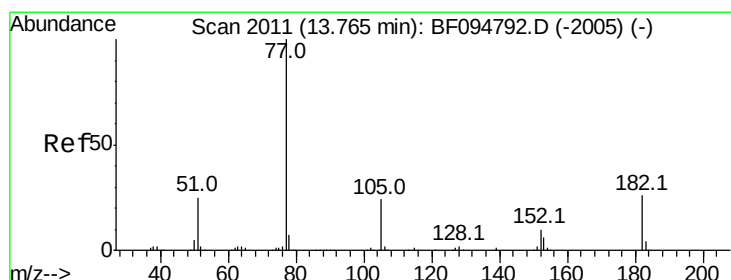
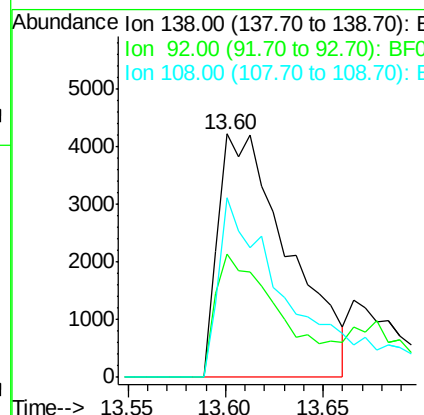
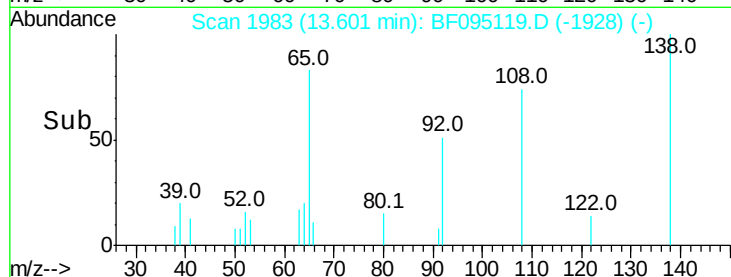
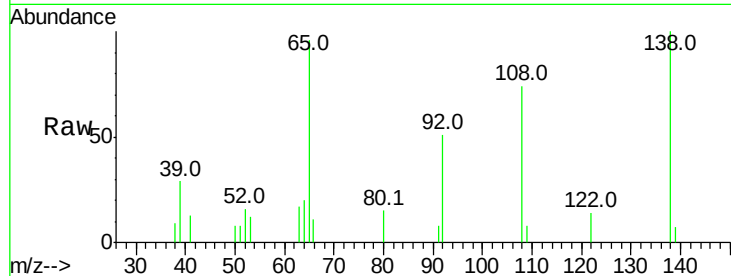




#61
4-Nitroaniline
Concen: 3.62 ng
RT: 13.60 min Scan# 1983
Delta R.T. 0.02 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

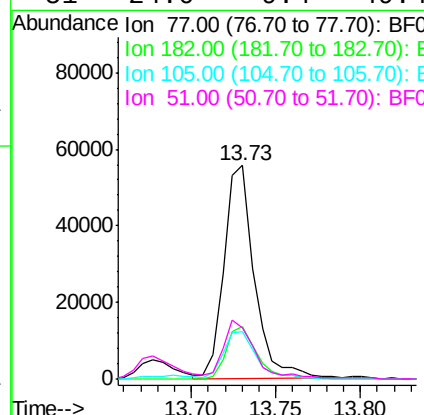
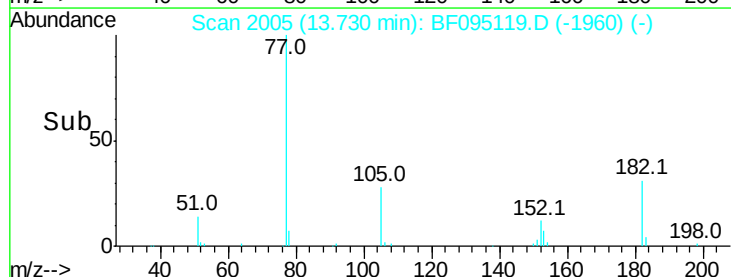
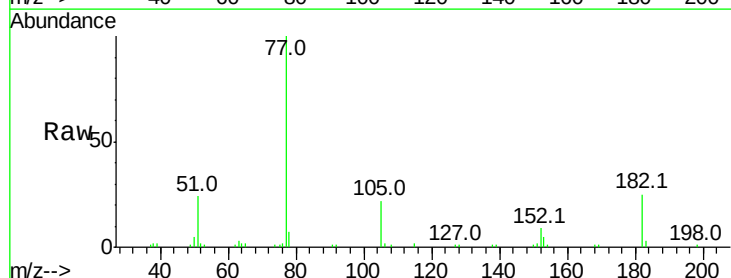
Instrument :
BNA_F
ClientSampled :

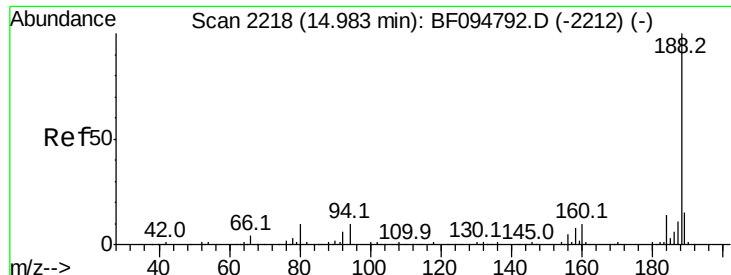
Tot Ion:138 Resp: 10602
Ion Ratio Lower Upper
138 100
92 50.8 21.8 61.8
108 73.6 42.3 82.3



#62
Azobenzene
Concen: 6.19 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.04 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

Tgt Ion: 77 Resp: 69407
Ion Ratio Lower Upper
77 100
182 24.8 0.1 40.1
105 22.5 3.6 43.6
51 24.0 9.4 49.4

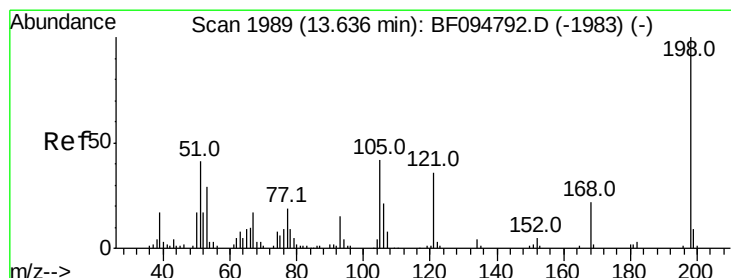
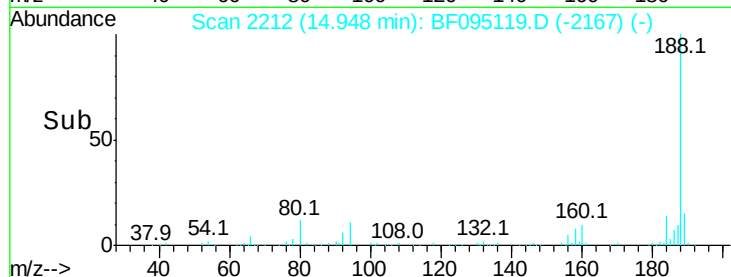
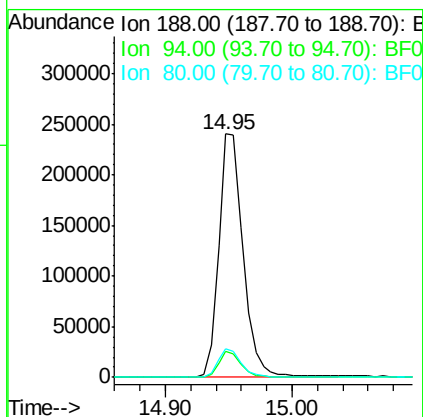
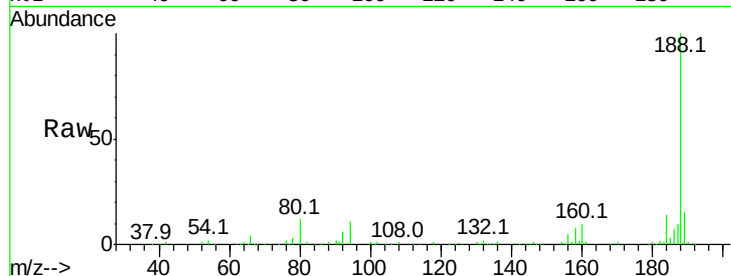




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.95 min Scan# 2212
 Delta R.T. -0.04 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

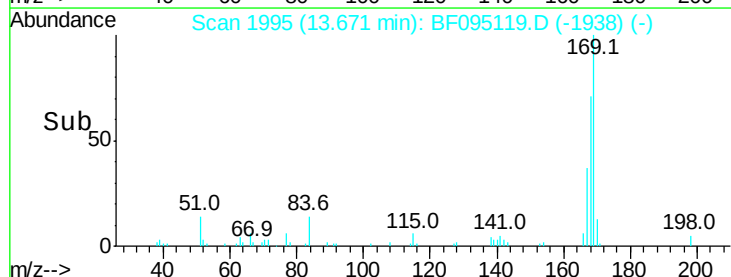
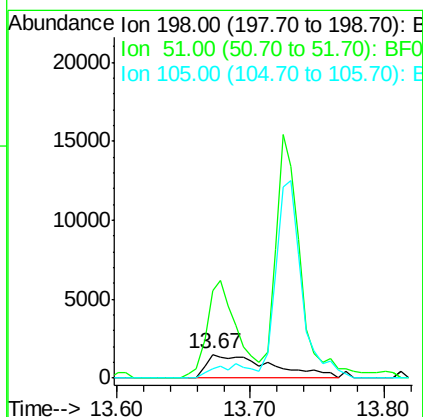
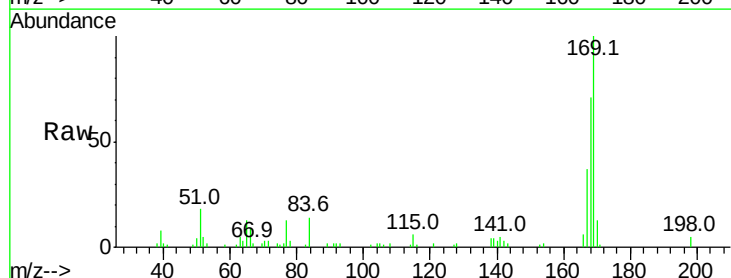
Instrument :
 BNA_F
 ClientSampleId :

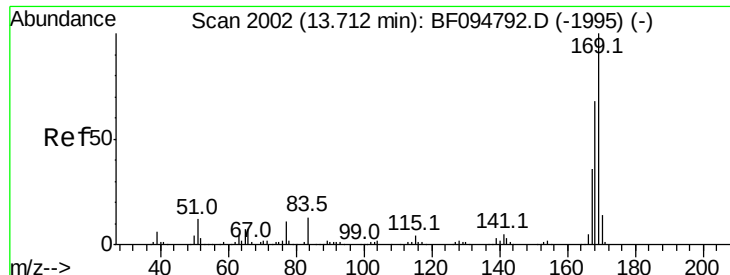
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.5	9.4	14.2
80	11.5	10.2	15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.31 ng
 RT: 13.67 min Scan# 1995
 Delta R.T. 0.04 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
198	100		
51	371.3	53.2	93.2#
105	41.5	45.8	85.8#





#65

n-Nitrosodiphenylamine

Concen: 5.53 ng

RT: 13.68 min Scan# 1996

Delta R.T. -0.04 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

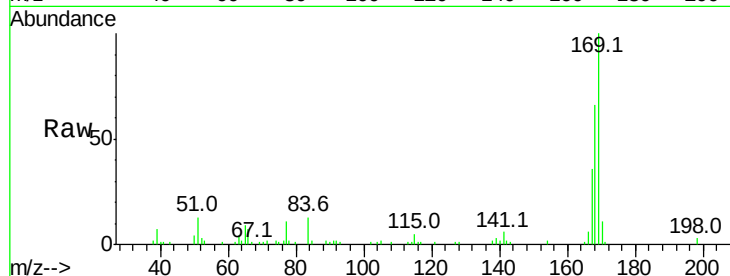
Tot Ion:169 Resp: 64862

Ion Ratio Lower Upper

169 100

168 66.5 53.2 79.8

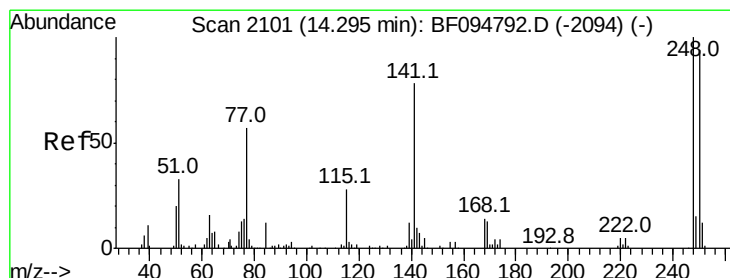
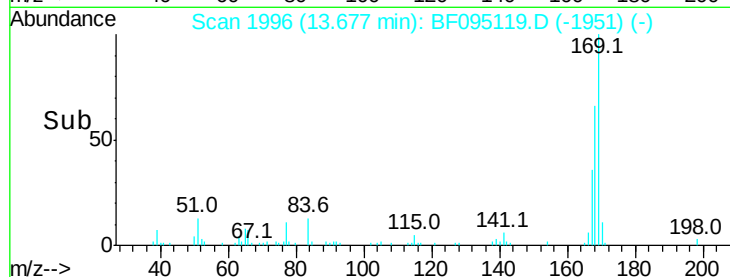
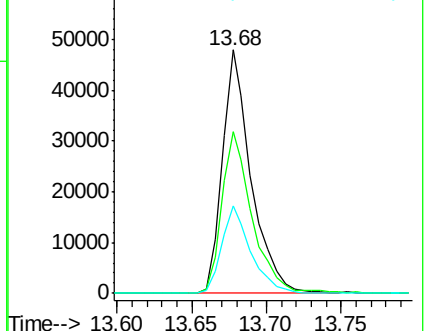
167 35.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 5.22 ng

RT: 14.25 min Scan# 2094

Delta R.T. -0.04 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

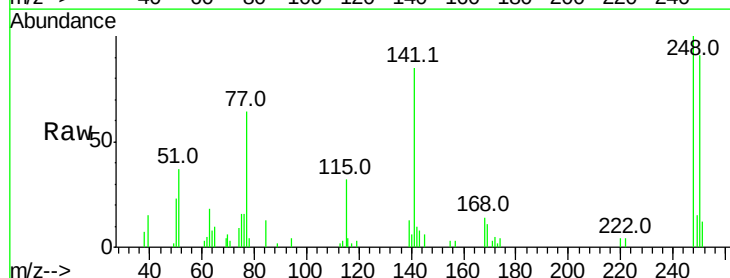
Tgt Ion:248 Resp: 17816

Ion Ratio Lower Upper

248 100

250 91.3 76.8 115.2

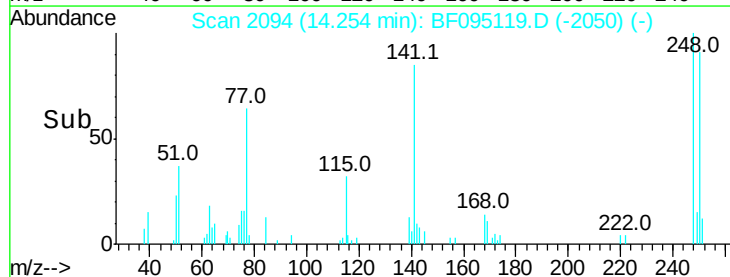
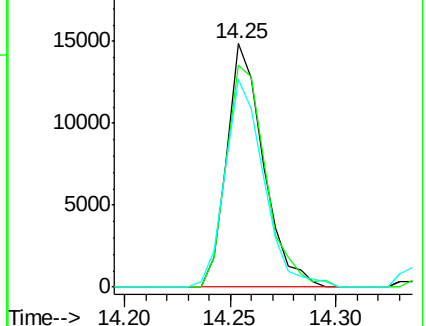
141 85.5 68.6 103.0

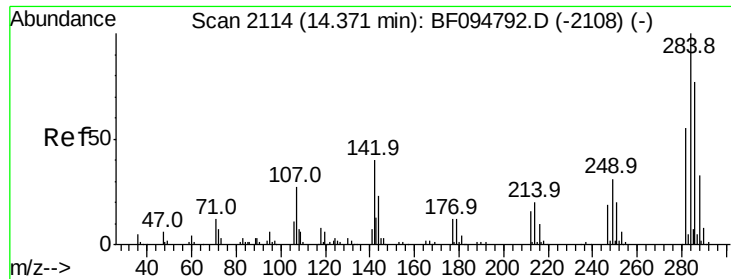


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 5.14 ng

RT: 14.34 min Scan# 2109

Delta R.T. -0.03 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

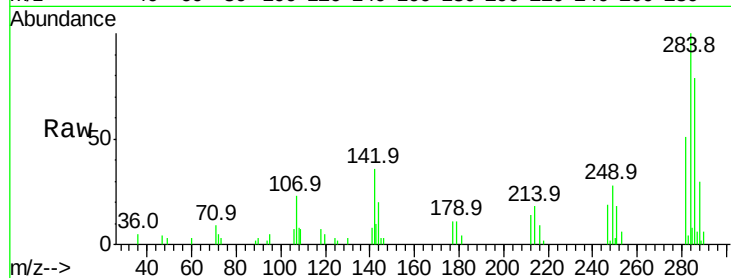
Tot Ion:284 Resp: 17982

Ion Ratio Lower Upper

284 100

142 36.3 22.8 34.2#

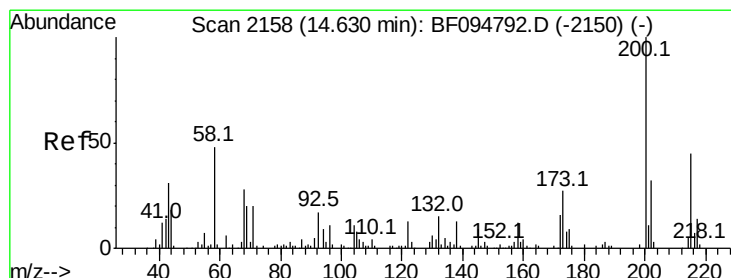
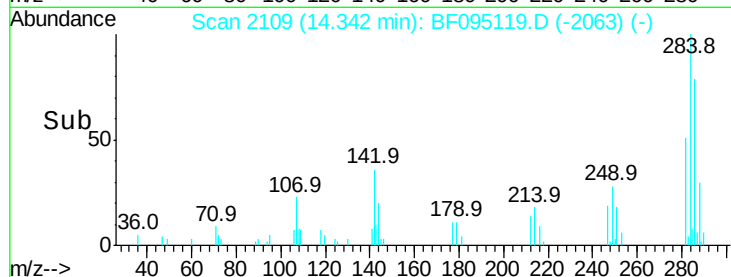
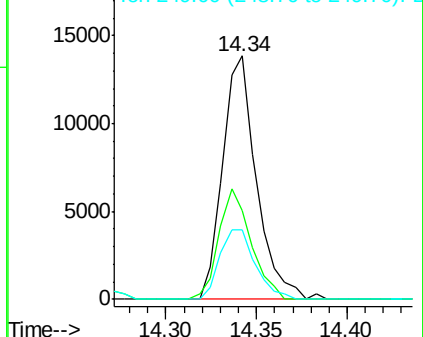
249 28.3 24.0 36.0



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: 5.64 ng

RT: 14.59 min Scan# 2152

Delta R.T. -0.04 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

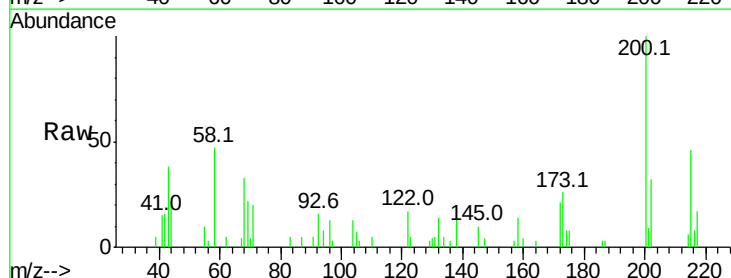
Tgt Ion:200 Resp: 18660

Ion Ratio Lower Upper

200 100

173 26.4 6.3 46.3

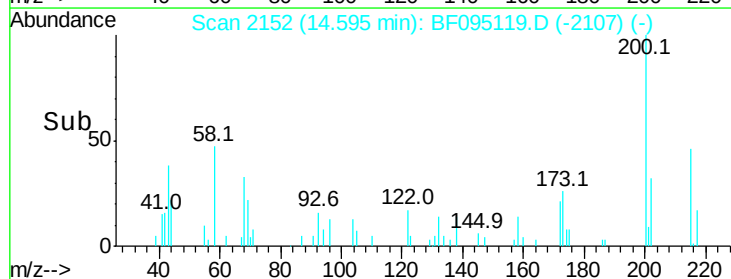
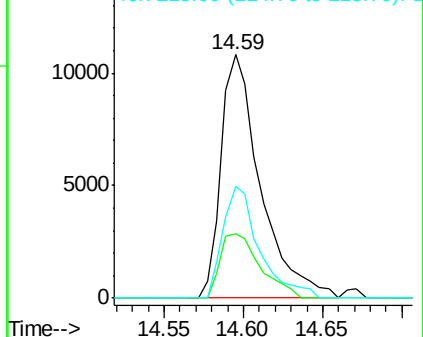
215 46.1 27.2 67.2

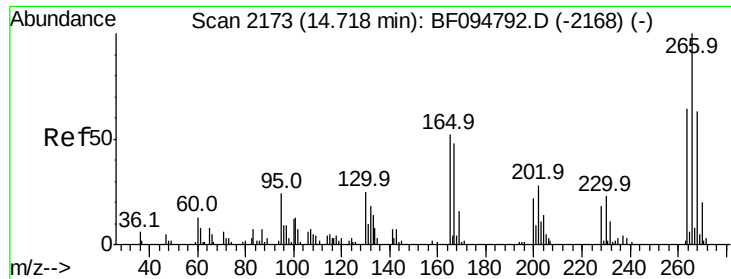


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

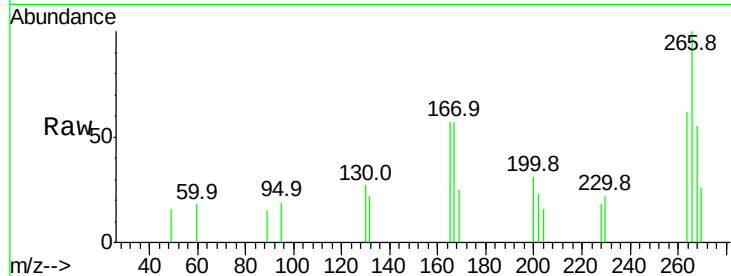




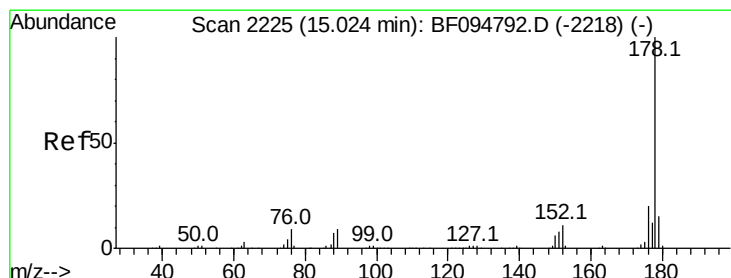
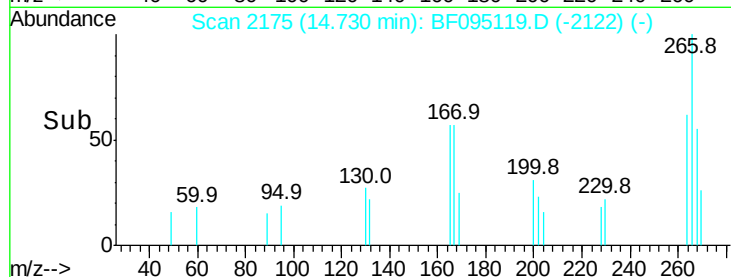
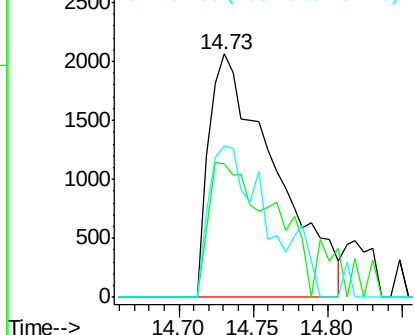
#69
 Pentachlorophenol
 Concen: 9.59 ng
 RT: 14.73 min Scan# 2175
 Delta R.T. 0.01 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 6361
 Ion Ratio Lower Upper
 266 100
 268 54.9 51.1 76.7
 264 62.5 51.7 77.5

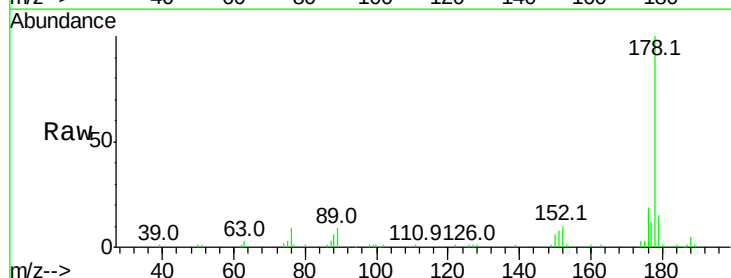


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

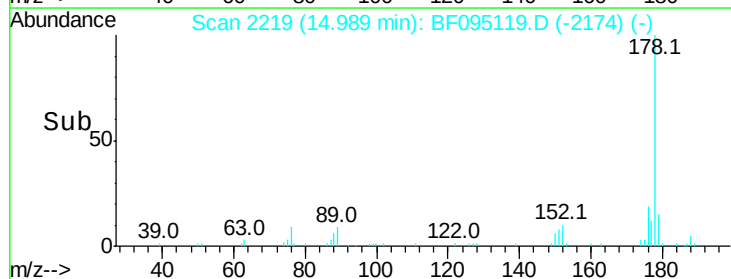
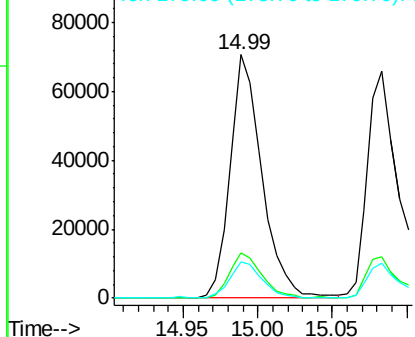


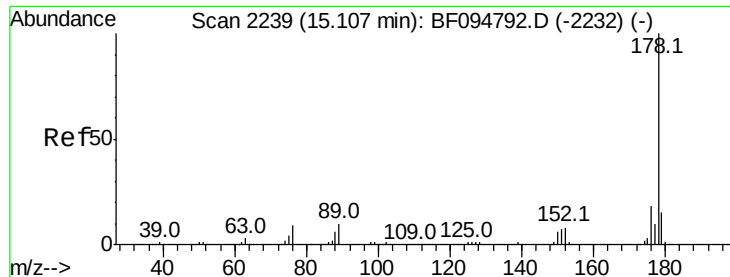
#70
 Phenanthrene
 Concen: 5.70 ng
 RT: 14.99 min Scan# 2219
 Delta R.T. -0.04 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Tgt Ion:178 Resp: 105766
 Ion Ratio Lower Upper
 178 100
 176 18.6 16.2 24.4
 179 14.9 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

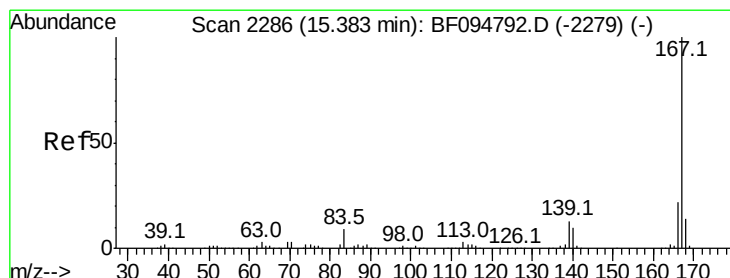
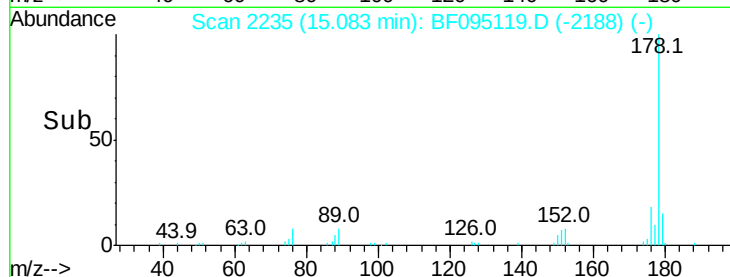
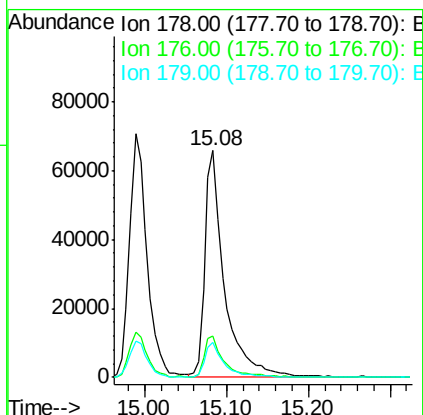
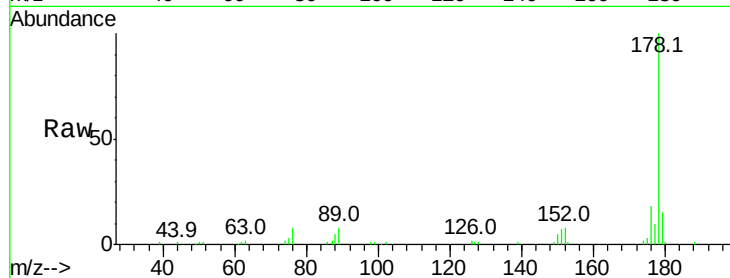




#71
 Anthracene
 Concen: 5.80 ng
 RT: 15.08 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

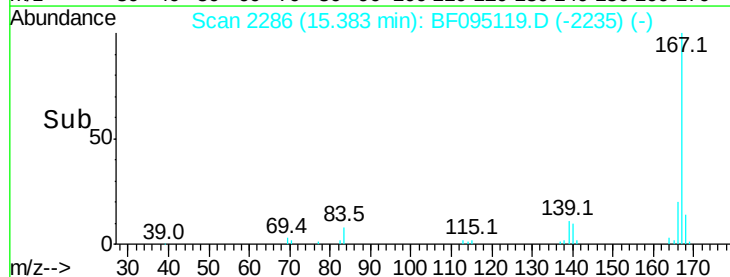
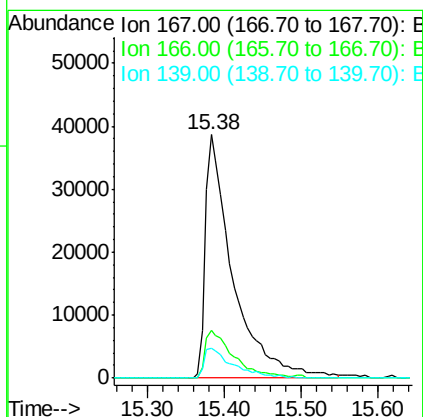
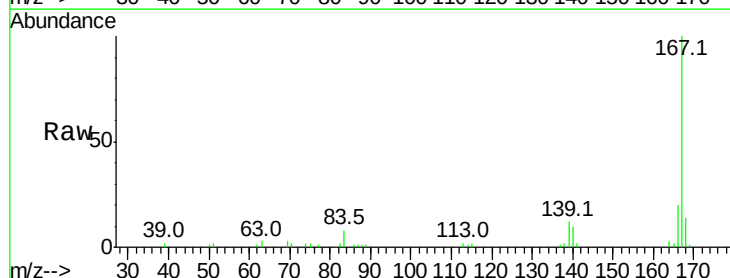
Instrument :
 BNA_F
 ClientSampleId :

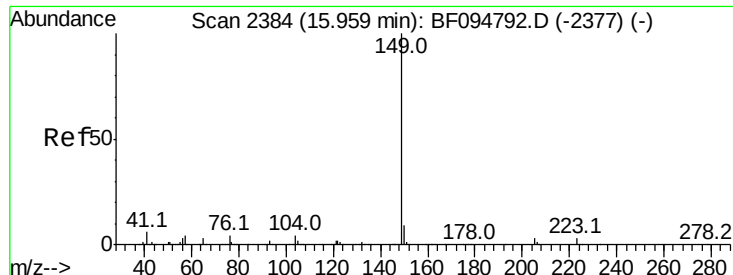
Tot Ion:178 Resp: 109915
 Ion Ratio Lower Upper
 178 100
 176 18.2 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 5.56 ng
 RT: 15.38 min Scan# 2286
 Delta R.T. 0.00 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Tgt Ion:167 Resp: 95874
 Ion Ratio Lower Upper
 167 100
 166 19.7 18.1 27.1
 139 12.2 11.7 17.5

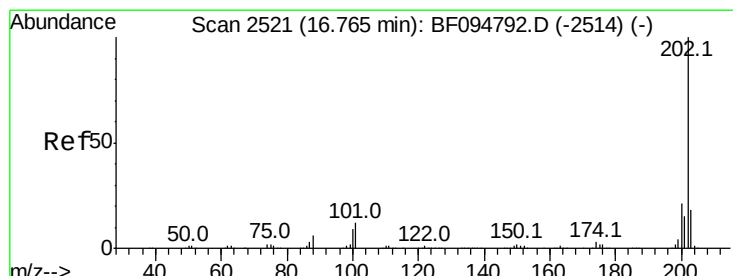
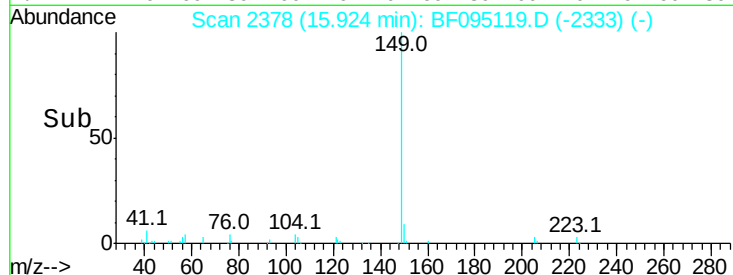
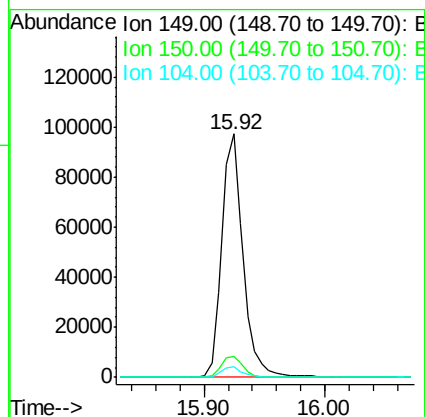
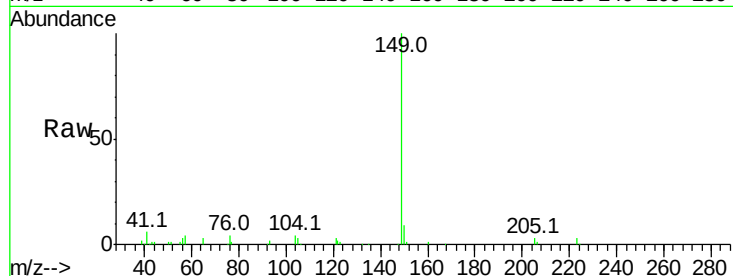




#73
Di-n-butylphthalate
Concen: 5.48 ng
RT: 15.92 min Scan# 2378
Delta R.T. -0.04 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

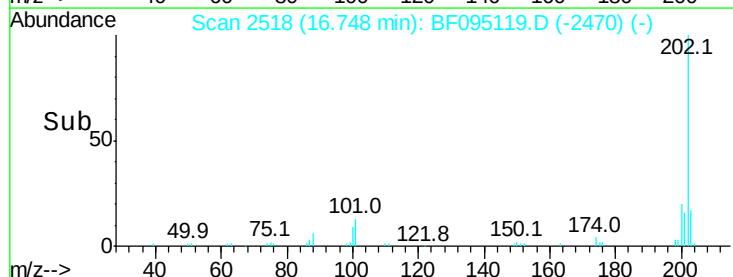
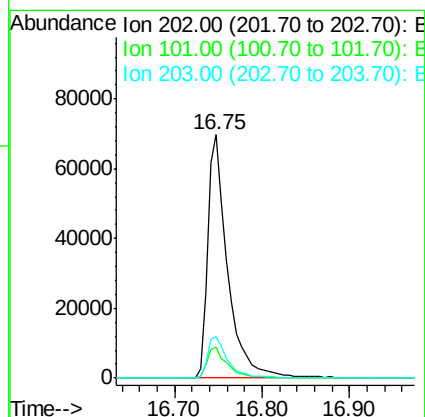
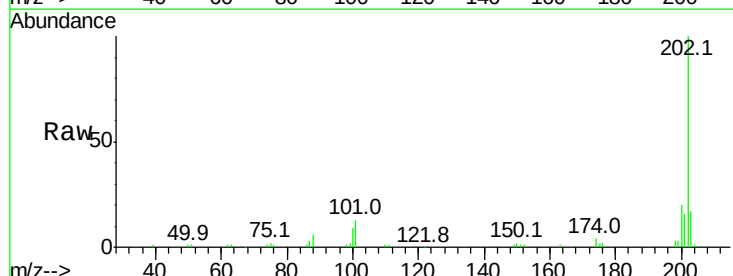
Instrument :
BNA_F
ClientSampleId :

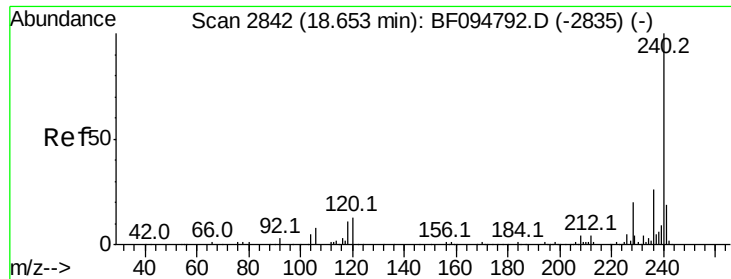
Tot Ion:149 Resp: 117839
Ion Ratio Lower Upper
149 100
150 8.8 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 5.75 ng
RT: 16.75 min Scan# 2518
Delta R.T. -0.02 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

Tgt Ion:202 Resp: 109534
Ion Ratio Lower Upper
202 100
101 12.6 0.0 33.2
203 16.9 0.0 38.1

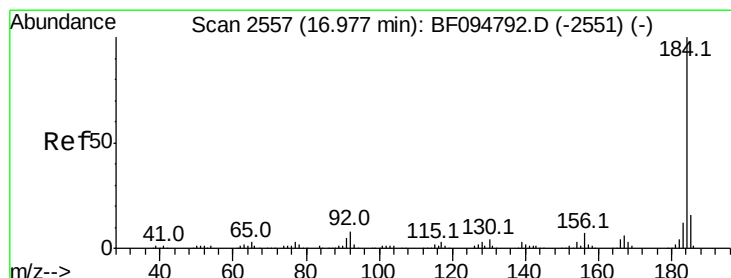
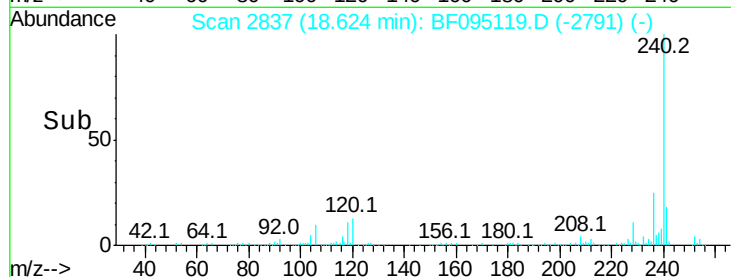
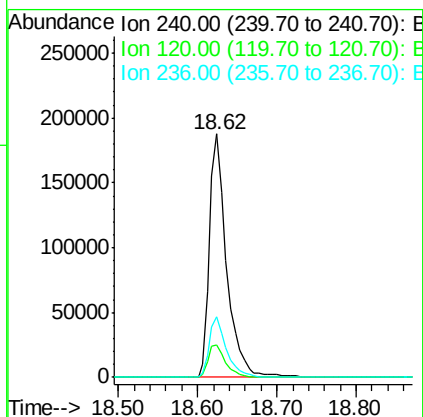
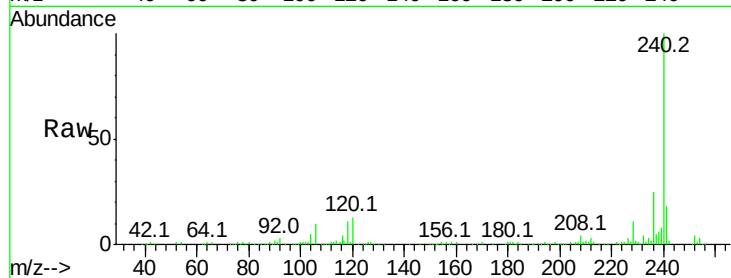




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.62 min Scan# 2837
 Delta R.T. -0.03 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

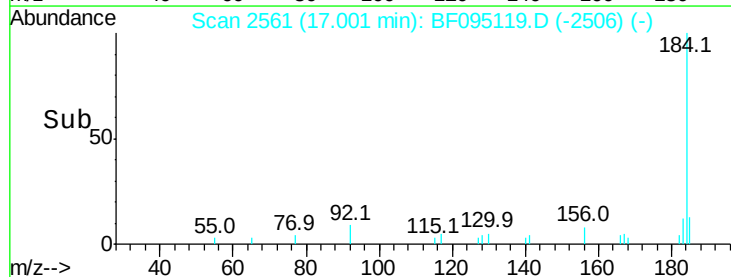
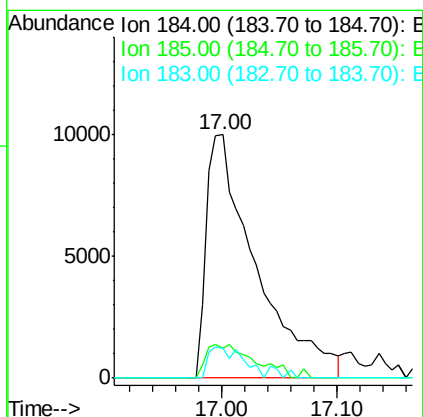
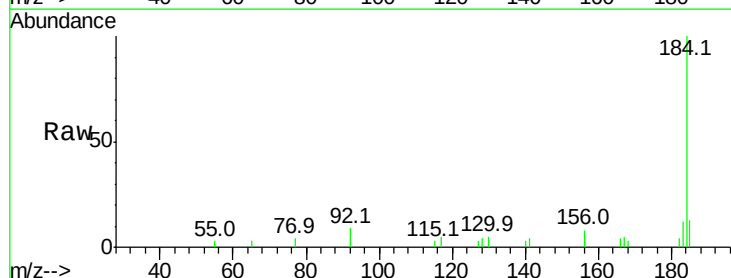
Instrument :
 BNA_F
 ClientSampleId :

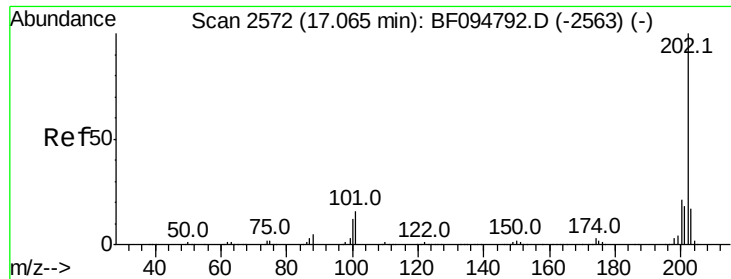
Tot Ion:240 Resp: 284316
 Ion Ratio Lower Upper
 240 100
 120 13.4 5.8 8.8#
 236 25.1 20.5 30.7



#76
 Benzidine
 Concen: 9.93 ng
 RT: 17.00 min Scan# 2561
 Delta R.T. 0.02 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Tgt Ion:184 Resp: 29817
 Ion Ratio Lower Upper
 184 100
 185 12.5 15.5 23.3#
 183 12.3 9.8 14.6





#77

Pvrene

Concen: 5.40 ng

RT: 17.05 min Scan# 2569

Delta R.T. -0.02 min

Lab File: BF095119.D

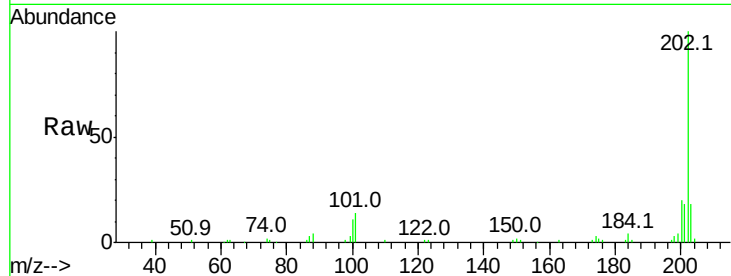
Acq: 12 May 2017 19:02

Instrument :

BNA_F

ClientSampled :

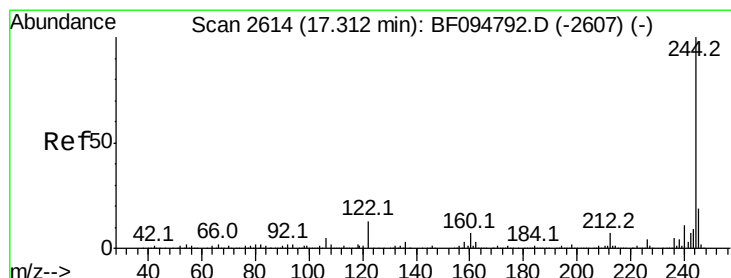
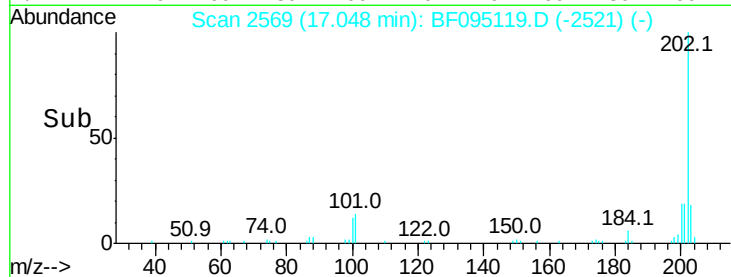
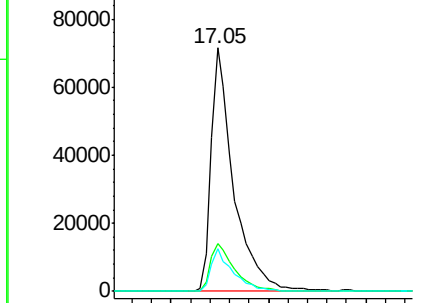
Tot Ion:	202	Resp:	114865
Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.6	26.4
203	17.8	14.4	21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 10.79 ng

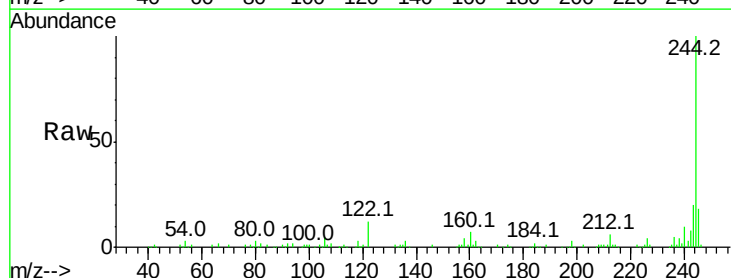
RT: 17.28 min Scan# 2608

Delta R.T. -0.04 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

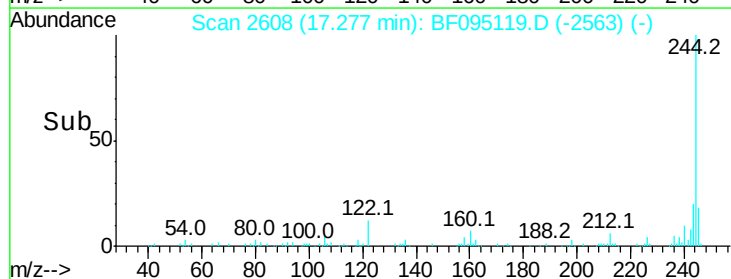
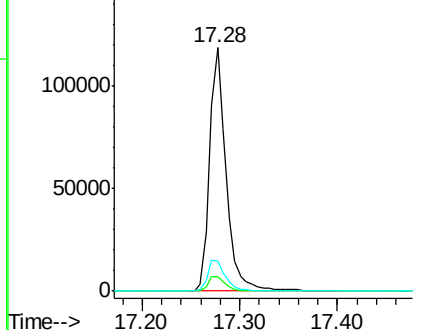
Tgt Ion:	244	Resp:	139342
Ion	Ratio	Lower	Upper
244	100		
212	5.9	6.0	9.0#
122	12.4	10.3	15.5

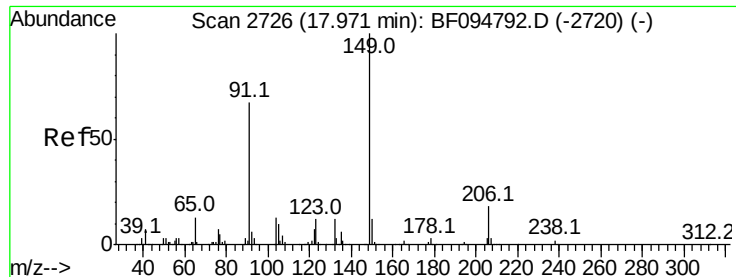


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

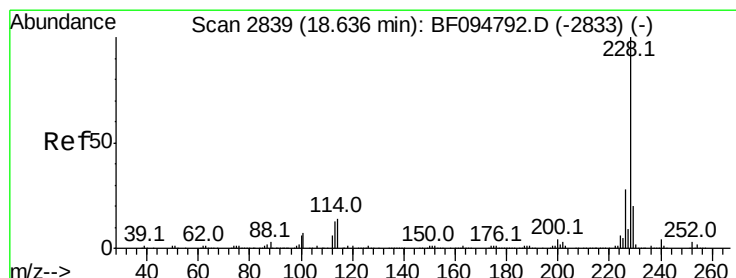
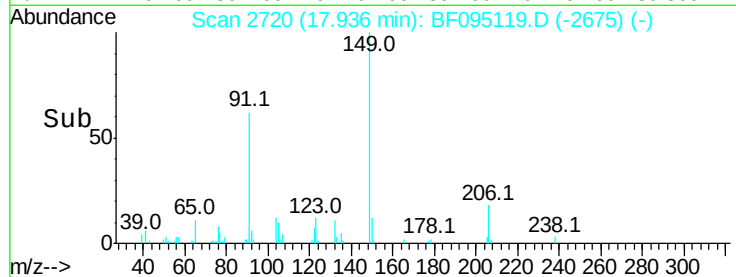
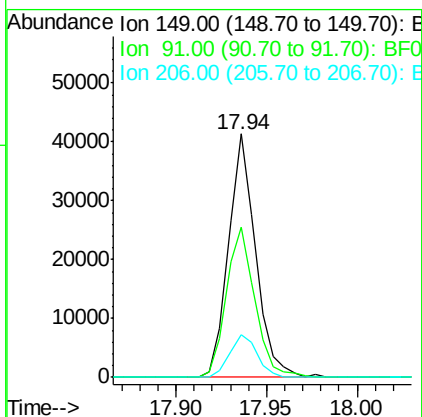
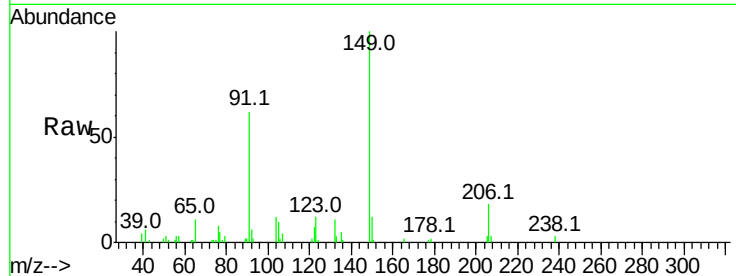




#79
Butylbenzylphthalate
Concen: 4.36 ng
RT: 17.94 min Scan# 2720
Delta R.T. -0.04 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

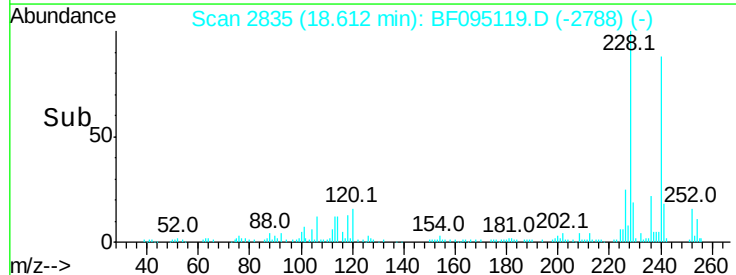
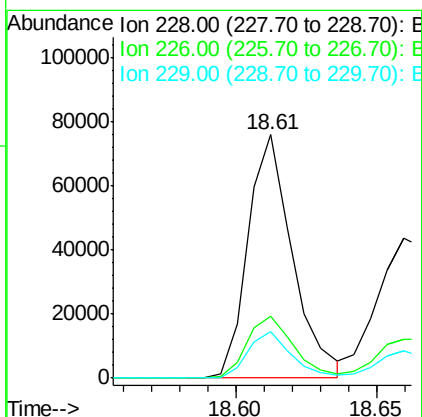
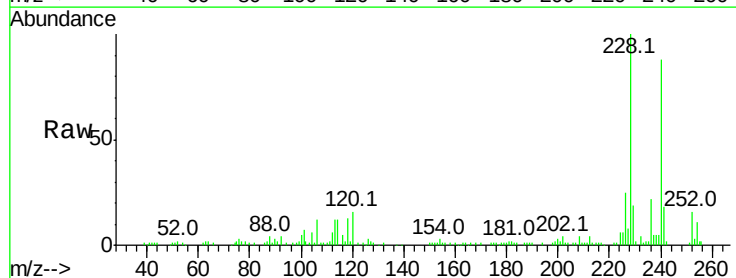
Instrument :
BNA_F
ClientSampleId :

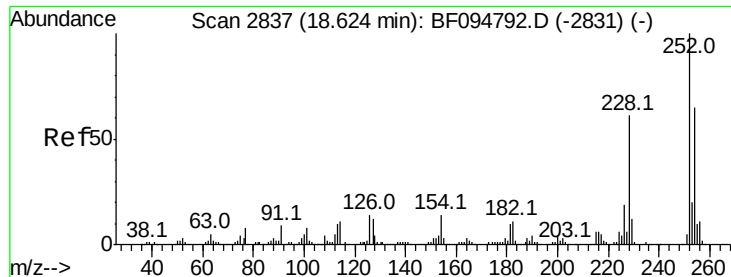
Tot Ion	Ratio	Lower	Upper
149	100		
91	61.6	45.0	67.4
206	17.8	17.0	25.6



#80
Benzo(a)anthracene
Concen: 5.03 ng
RT: 18.61 min Scan# 2835
Delta R.T. -0.02 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.4	22.6	33.8
229	19.1	16.3	24.5

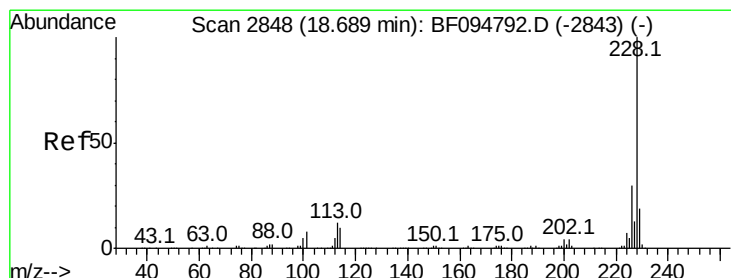
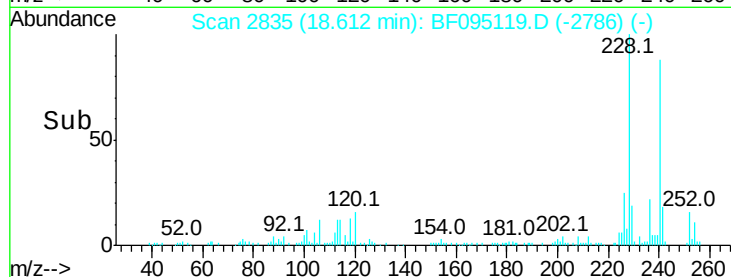
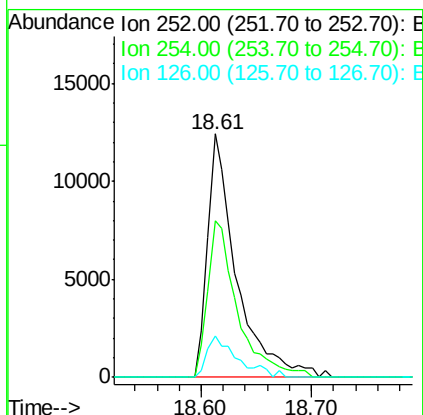
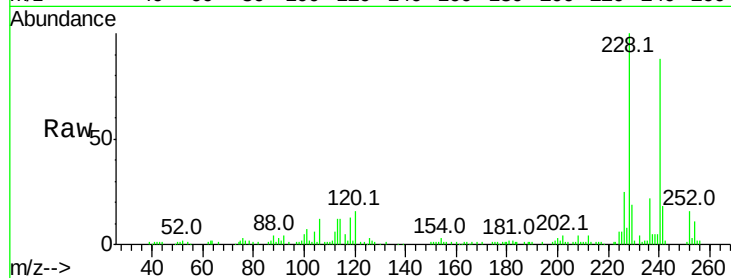




#81
 3,3'-Dichlorobenzidine
 Concen: 3.90 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

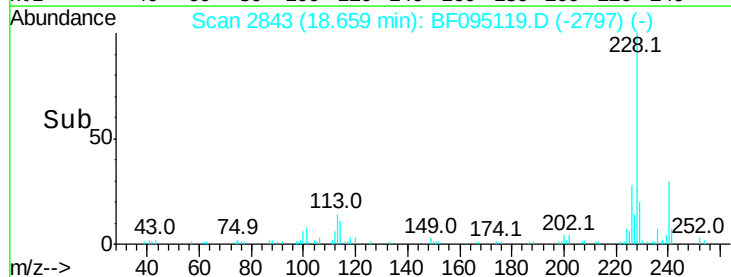
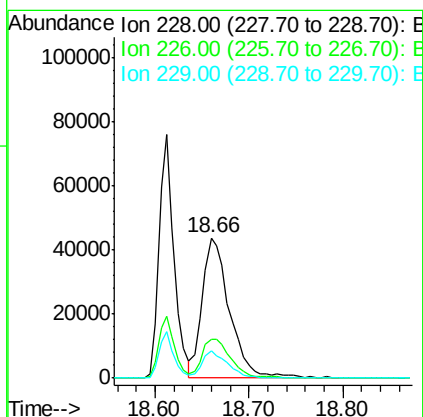
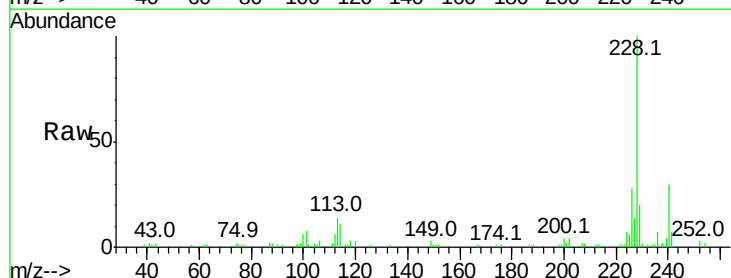
Instrument :
 BNA_F
 ClientSampleId :

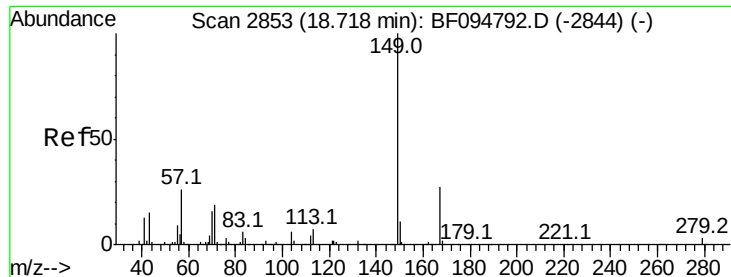
Tot Ion:252 Resp: 22284
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.5 77.3
 126 17.1 15.8 23.8



#82
 Chrysene
 Concen: 5.60 ng
 RT: 18.66 min Scan# 2843
 Delta R.T. -0.03 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Tgt Ion:228 Resp: 89675
 Ion Ratio Lower Upper
 228 100
 226 27.8 24.9 37.3
 229 19.9 15.8 23.6

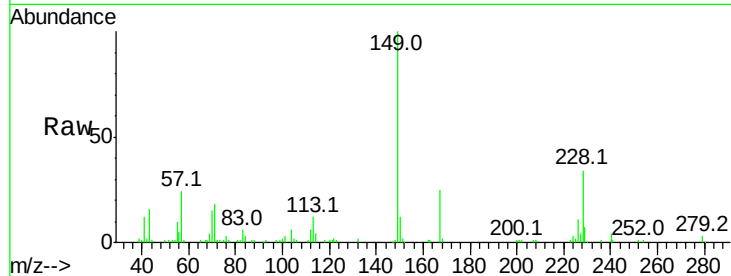




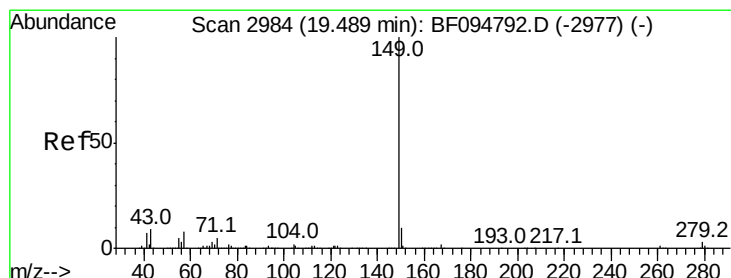
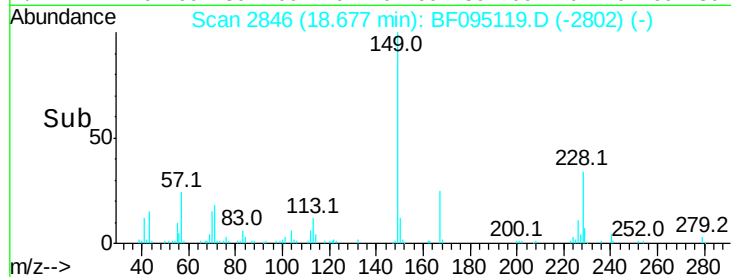
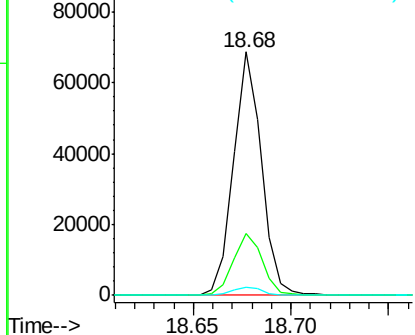
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.84 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.04 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 68147
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.0 31.4
 279 3.5 1.9 2.9#

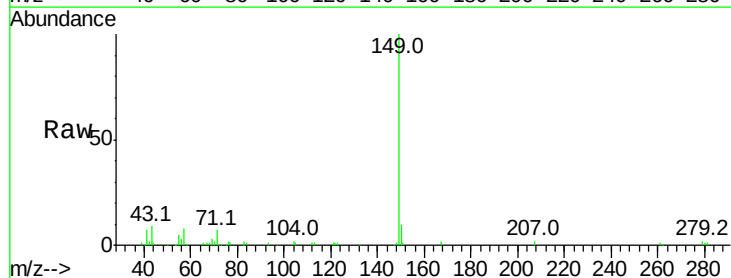


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

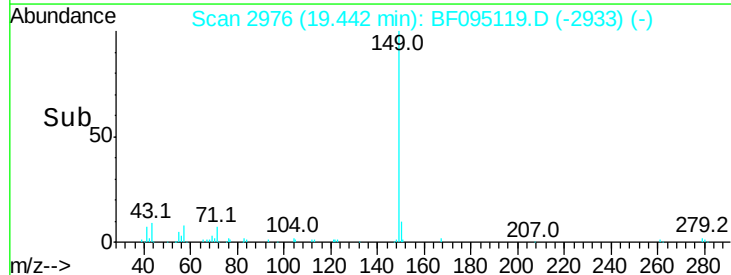
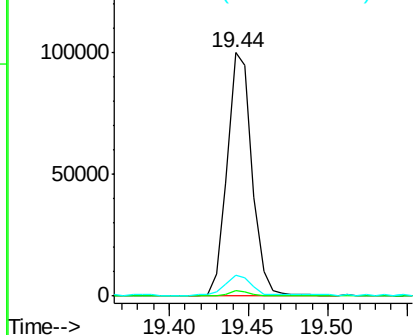


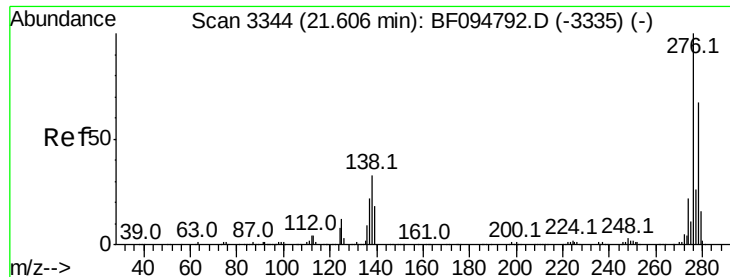
#84
 Di-n-octyl phthalate
 Concen: 4.72 ng
 RT: 19.44 min Scan# 2976
 Delta R.T. -0.05 min
 Lab File: BF095119.D
 Acq: 12 May 2017 19:02

Tgt Ion:149 Resp: 108964
 Ion Ratio Lower Upper
 149 100
 167 1.9 1.2 1.8#
 43 8.6 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

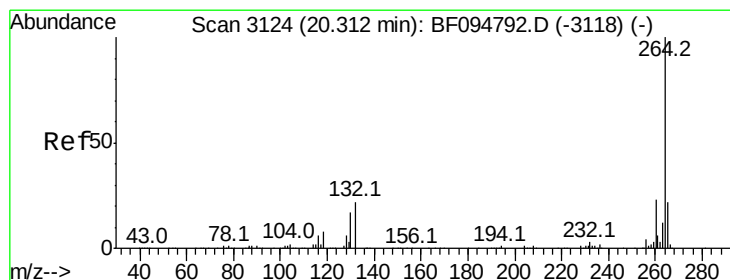
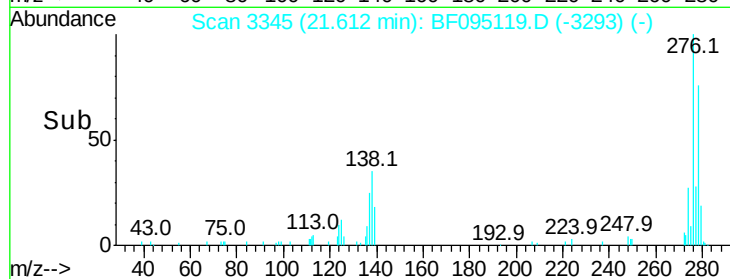
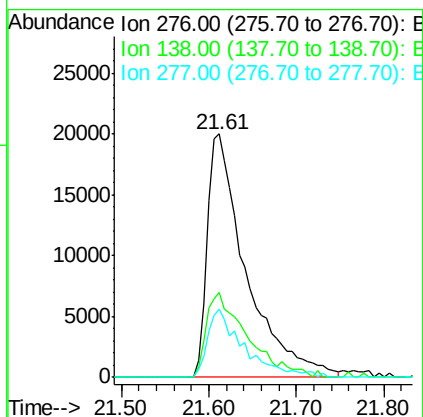
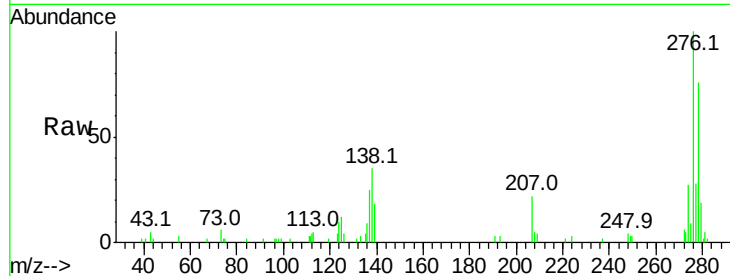




#85
Indeno(1,2,3-cd)pyrene
Concen: 4.70 ng
RT: 21.61 min Scan# 3345
Delta R.T. 0.01 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

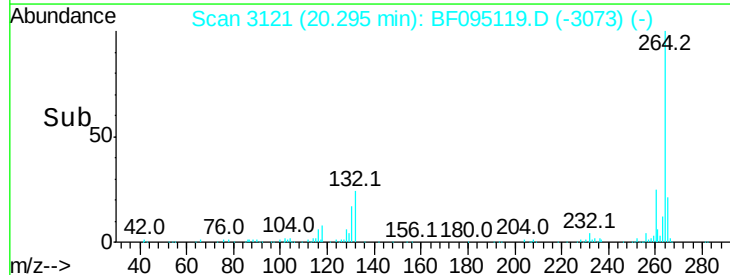
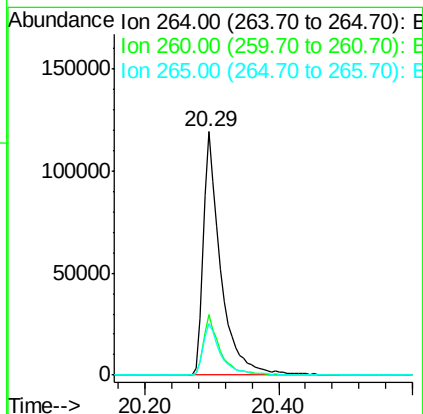
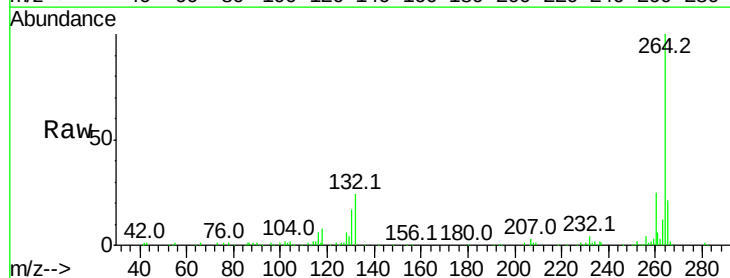
Instrument :
BNA_F
ClientSampled :

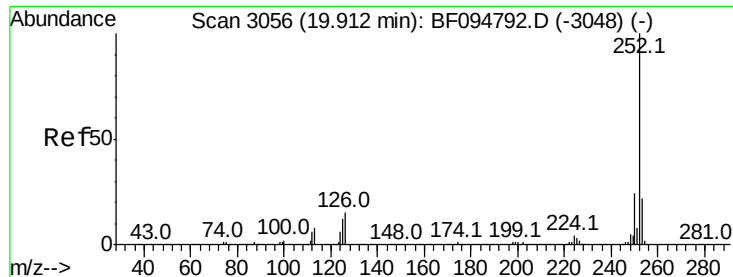
Tot Ion	Ratio	Lower	Upper
276	100		
138	36.6	27.8	41.6
277	26.3	20.2	30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 4.86 ng

RT: 19.89 min Scan# 3053

Delta R.T. -0.02 min

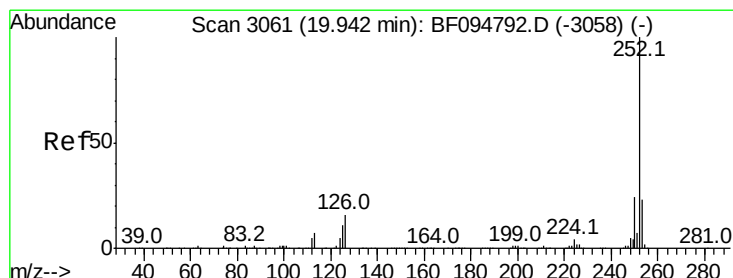
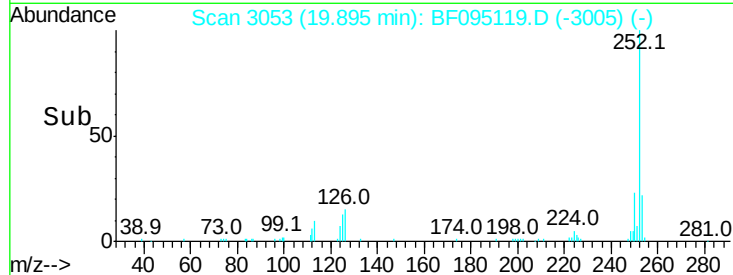
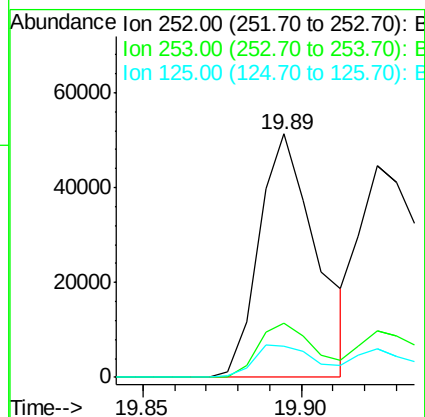
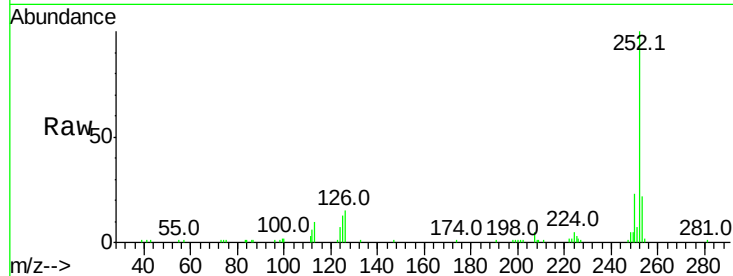
Lab File: BF095119.D

Acq: 12 May 2017 19:02

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 64299

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.1	27.1
125	12.7	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 6.12 ng

RT: 19.92 min Scan# 3058

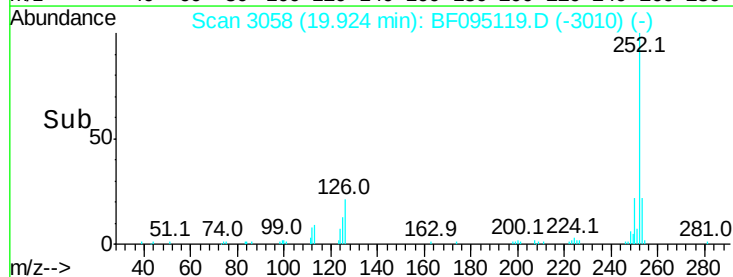
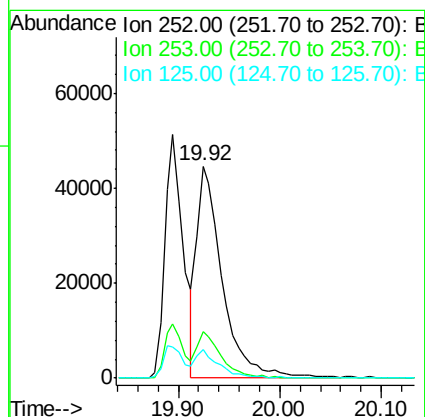
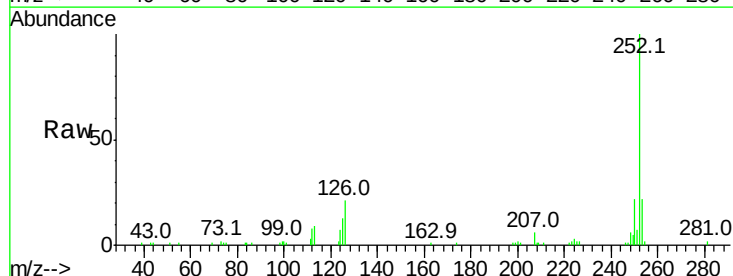
Delta R.T. -0.02 min

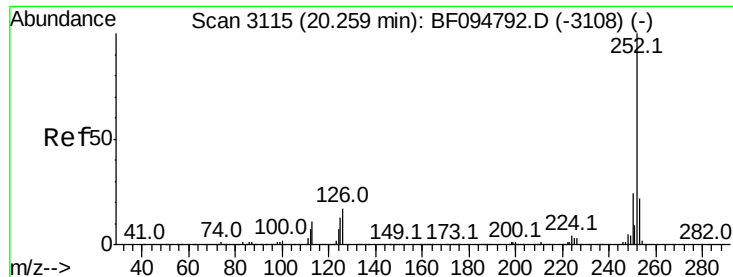
Lab File: BF095119.D

Acq: 12 May 2017 19:02

Tgt Ion:252 Resp: 78172

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.4	27.6
125	13.4	13.1	19.7

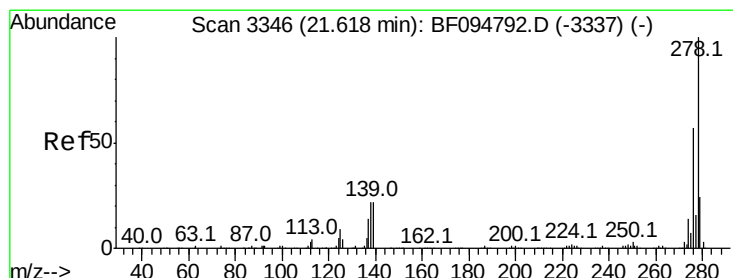
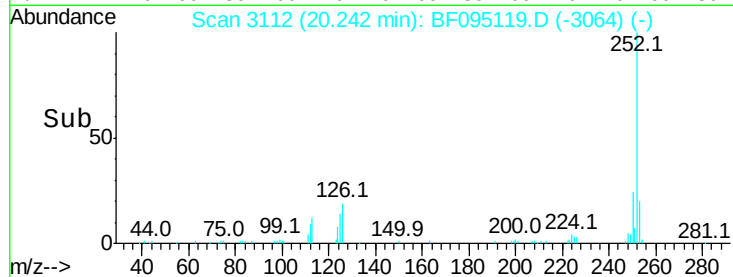
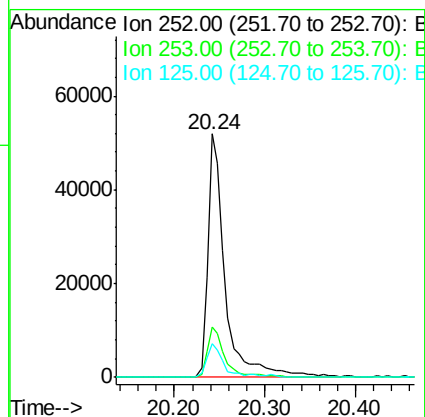
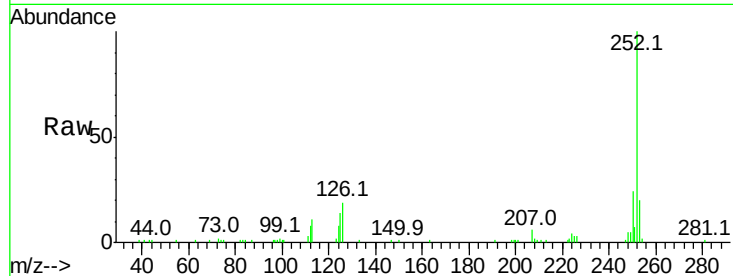




#89
Benzo(a)pyrene
Concen: 5.70 ng
RT: 20.24 min Scan# 3112
Delta R.T. -0.02 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

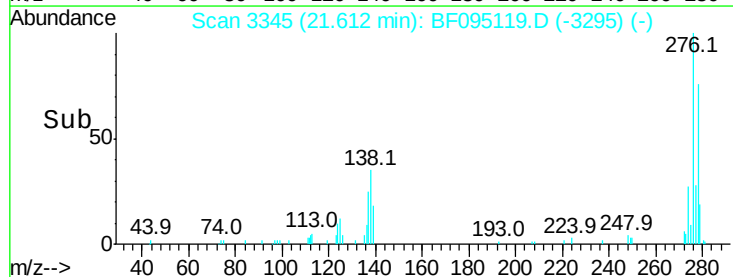
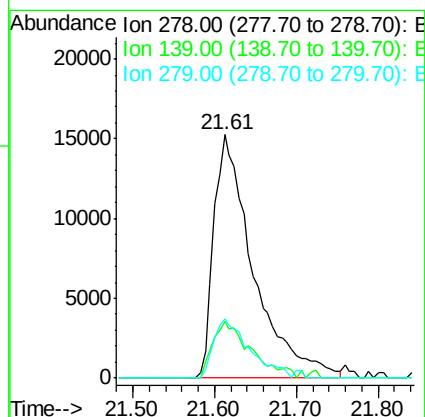
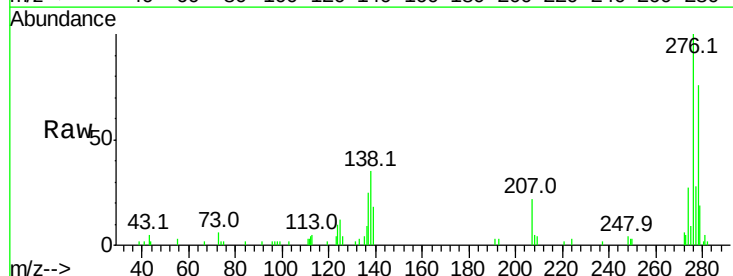
Instrument :
BNA_F
ClientSampleId :

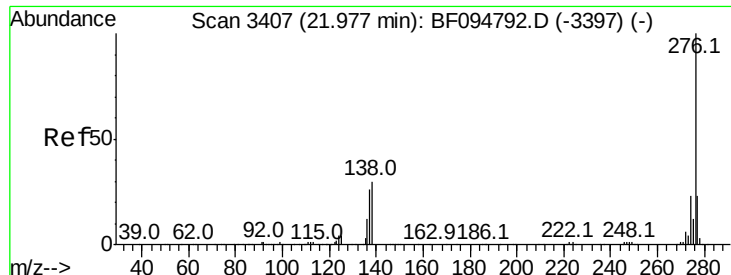
Tot Ion:252 Resp: 69637
Ion Ratio Lower Upper
252 100
253 20.5 17.5 26.3
125 14.0 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 5.09 ng
RT: 21.61 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BF095119.D
Acq: 12 May 2017 19:02

Tgt Ion:278 Resp: 51338
Ion Ratio Lower Upper
278 100
139 23.4 16.6 24.8
279 24.6 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 5.19 ng

RT: 22.00 min Scan# 3411

Delta R.T. 0.02 min

Lab File: BF095119.D

Acq: 12 May 2017 19:02

Instrument :

BNA_F

ClientSampleId :

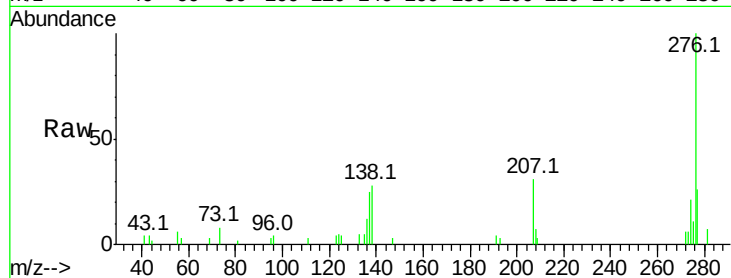
Tot Ion:276 Resp: 51340

Ion Ratio Lower Upper

276 100

277 25.8 18.6 28.0

138 28.1 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

