

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053017\
 Data File : BF095531.D
 Acq On : 30 May 2017 12:49
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 01:38:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	100500	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	420845	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	193058	20.00	ng	0.00
63) Phenanthrene-d10	14.99	188	338596	20.00	ng	0.00
75) Chrysene-d12	18.67	240	269023	20.00	ng	0.00
86) Perylene-d12	20.35	264	199714	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.71	112	493344	81.84	ng	0.00
7) Phenol-d6	7.28	99	601939	83.22	ng	-0.01
23) Nitrobenzene-d5	8.65	82	514521	77.09	ng	0.00
41) 2,4,6-Tribromophenol	13.89	330	125249	79.22	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	996359	74.28	ng	0.00
78) Terphenyl-d14	17.32	244	1003190	82.13	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	106955	36.18	ng	96
3) Pyridine	2.86	79	258841	37.78	ng	98
4) n-Nitrosodimethylamine	2.79	42	84307	29.52	ng	80
6) Aniline	7.24	93	412422	45.17	ng	98
8) 2-Chlorophenol	7.43	128	288266	42.01	ng	97
9) Benzaldehyde	7.07	77	159364	36.08	ng	99
10) Phenol	7.31	94	345207	45.29	ng	92
11) bis(2-Chloroethyl)ether	7.37	93	250170	39.76	ng	98
12) 1,3-Dichlorobenzene	7.64	146	318672	40.94	ng	97
13) 1,4-Dichlorobenzene	7.77	146	327175	41.45	ng	97
14) 1,2-Dichlorobenzene	8.00	146	310602	42.16	ng	96
15) Benzyl Alcohol	8.04	79	209021	44.93	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.22	45	371900	41.76	ng	94
17) 2-Methylphenol	8.24	107	246805	43.96	ng	96
18) Hexachloroethane	8.51	117	105295	39.38	ng	# 83
19) n-Nitroso-di-n-propylamine	8.45	70	197716	40.42	ng	93
20) 3+4-Methylphenols	8.51	107	307260	40.27	ng	# 56
22) Acetophenone	8.42	105	409437	40.55	ng	# 83
24) Nitrobenzene	8.67	77	281496	40.24	ng	93
25) Isophorone	9.08	82	498257	41.81	ng	95
26) 2-Nitrophenol	9.18	139	160287	42.46	ng	98
27) 2,4-Dimethylphenol	9.32	122	246272	40.35	ng	97
28) bis(2-Chloroethoxy)methane	9.44	93	335745	40.73	ng	100
29) 2,4-Dichlorophenol	9.62	162	221070	38.36	ng	99
30) 1,2,4-Trichlorobenzene	9.68	180	243196	39.39	ng	99
31) Naphthalene	9.79	128	855683	40.45	ng	99
32) Benzoic acid	9.66	122	114339	30.60	ng	96
33) 4-Chloroaniline	9.94	127	337250	42.78	ng	# 93
34) Hexachlorobutadiene	10.00	225	124011	38.07	ng	98
35) Caprolactam	10.57	113	51089	29.53	ng	88
36) 4-Chloro-3-methylphenol	10.80	107	260480	42.28	ng	92
37) 2-Methylnaphthalene	10.92	142	566110	40.78	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	230176	38.77	ng	98
40) Hexachlorocyclopentadiene	11.17	237	73843	33.40	ng	98

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 ALS Vial : 2 Sample Multiplier: 1

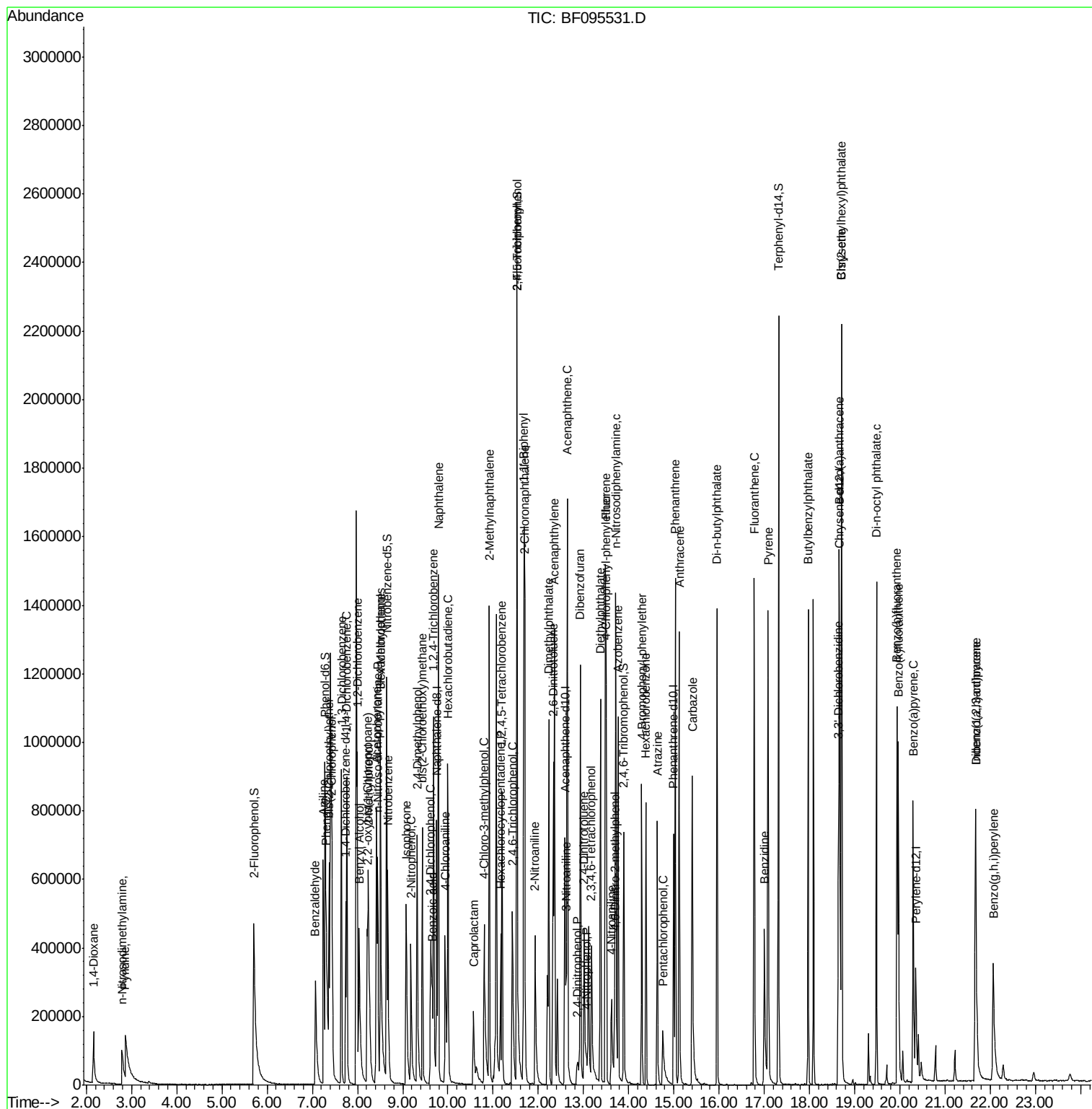
Instrument :
 BNA_F
 ClientSampleId :

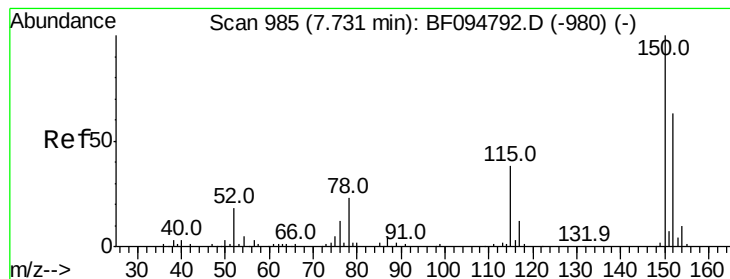
Quant Time: May 31 01:38:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 26 16:50:16 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.42	196	150498	37.97	nq	100
43) 2,4,5-Trichlorophenol	11.54	196	149826	35.17	nq	94
45) 1,1'-Biphenyl	11.68	154	651118	40.06	nq	99
46) 2-Chloronaphthalene	11.70	162	524496	39.96	nq	96
47) 2-Nitroaniline	11.93	65	148309	41.29	nq	# 82
48) Acenaphthylene	12.36	152	812363	39.52	nq	98
49) Dimethylphthalate	12.24	163	612515	38.65	nq	98
50) 2,6-Dinitrotoluene	12.33	165	127383	39.40	nq	# 87
51) Acenaphthene	12.64	154	471156	38.37	nq	99
52) 3-Nitroaniline	12.61	138	140766	40.56	nq	90
53) 2,4-Dinitrophenol	12.86	184	40281	27.10	nq	# 67
54) Dibenzofuran	12.93	168	684500	40.28	nq	98
55) 4-Nitrophenol	13.07	139	54639	26.21	nq	# 81
56) 2,4-Dinitrotoluene	13.01	165	175942	42.35	nq	91
57) Fluorene	13.48	166	566854	38.37	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.18	232	96465	35.98	nq	# 94
59) Diethylphthalate	13.38	149	581570	38.28	nq	99
60) 4-Chlorophenyl-phenylether	13.51	204	253647	39.06	nq	88
61) 4-Nitroaniline	13.62	138	123399	38.73	nq	93
62) Azobenzene	13.77	77	490991	40.22	nq	93
64) 4,6-Dinitro-2-methylphenol	13.69	198	83791	36.91	nq	# 72
65) n-Nitrosodiphenylamine	13.71	169	493236	40.14	nq	98
66) 4-Bromophenyl-phenylether	14.29	248	139517	39.00	nq	97
67) Hexachlorobenzene	14.39	284	144254	39.35	nq	# 93
68) Atrazine	14.64	200	133535	38.49	nq	97
69) Pentachlorophenol	14.75	266	51401	34.60	nq	94
70) Phenanthrene	15.03	178	786131	40.41	nq	98
71) Anthracene	15.12	178	815029	41.01	nq	98
72) Carbazole	15.41	167	747226	41.33	nq	96
73) Di-n-butylphthalate	15.95	149	945702	41.94	nq	99
74) Fluoranthene	16.78	202	822726	41.23	nq	99
76) Benzidine	17.00	184	367086	50.12	nq	# 92
77) Pyrene	17.08	202	835535	41.53	nq	98
79) Butylbenzylphthalate	17.97	149	390317	41.71	nq	89
80) Benzo(a)anthracene	18.66	228	606174	38.72	nq	98
81) 3,3'-Dichlorobenzidine	18.64	252	211864	39.18	nq	# 95
82) Chrysene	18.71	228	598846	39.56	nq	99
83) Bis(2-ethylhexyl)phthalate	18.71	149	502937	37.72	nq	# 99
84) Di-n-octyl phthalate	19.48	149	826032	37.79	nq	96
85) Indeno(1,2,3-cd)pyrene	21.68	276	416403	33.87	nq	99
87) Benzo(b)fluoranthene	19.94	252	498482	40.39	nq	97
88) Benzo(k)fluoranthene	19.97	252	521400	43.80	nq	95
89) Benzo(a)pyrene	20.29	252	466233	40.94	nq	99
90) Dibenzo(a,h)anthracene	21.67	278	348561	37.06	nq	97
91) Benzo(g,h,i)perylene	22.07	276	360066	39.01	nq	99

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

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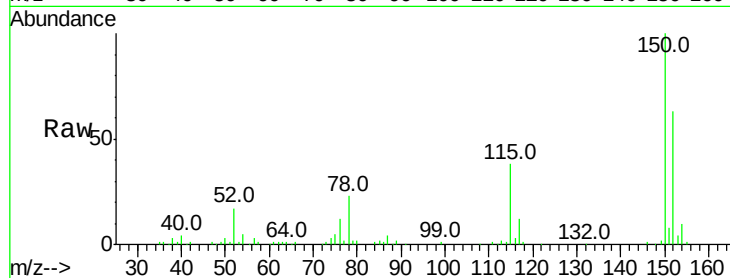


#1

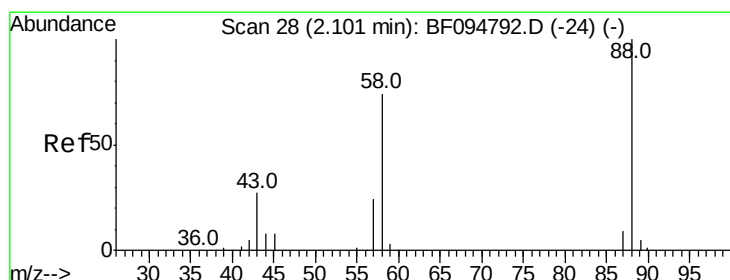
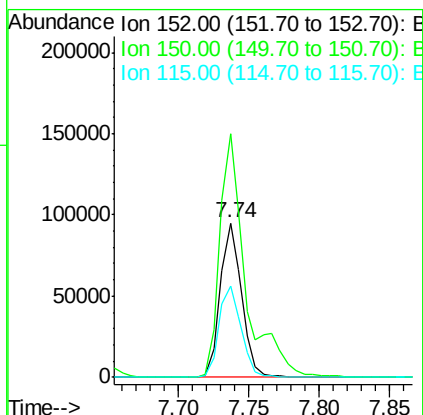
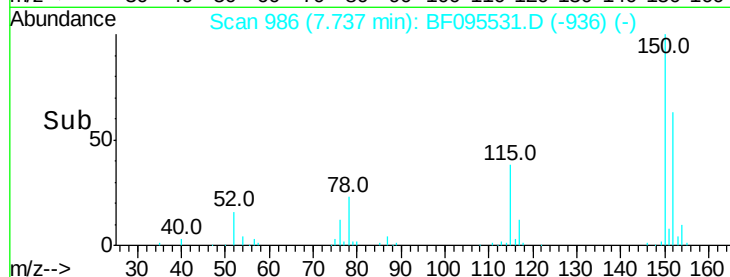
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 100500
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 59.4 52.2 78.2



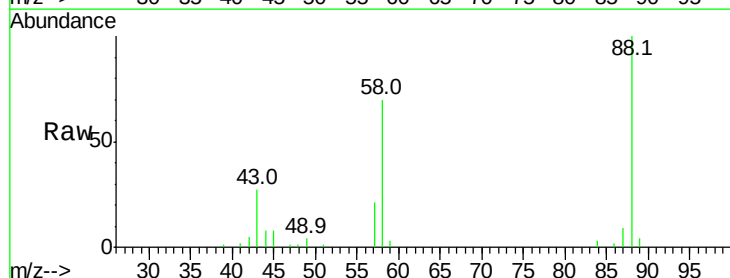
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



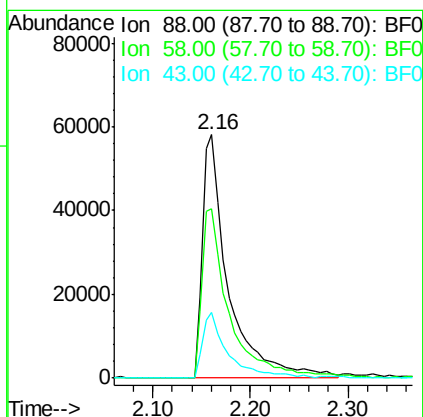
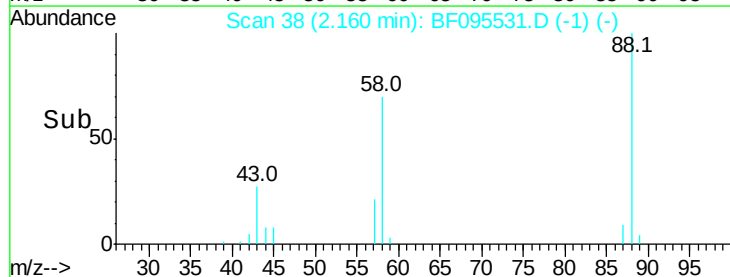
#2

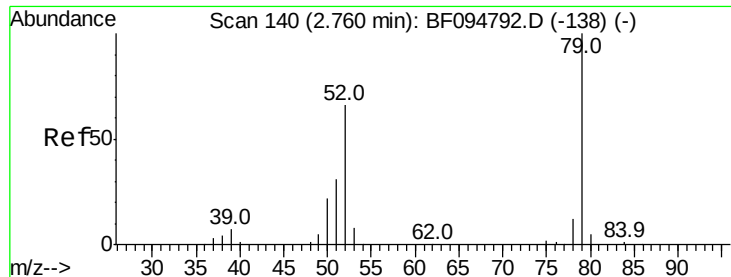
1,4-Dioxane
Concen: 36.18 ng
RT: 2.16 min Scan# 38
Delta R.T. -0.02 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

Tgt Ion: 88 Resp: 106955
Ion Ratio Lower Upper
88 100
58 74.0 61.4 92.0
43 26.4 23.4 35.0



Abundance Ion 88.00 (87.70 to 88.70): BF0
Ion 58.00 (57.70 to 58.70): BF0
Ion 43.00 (42.70 to 43.70): BF0





#3

Pvridine

Concen: 37.78 ng

RT: 2.86 min Scan# 157

Delta R.T. -0.02 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Instrument :

BNA_F

ClientSampled :

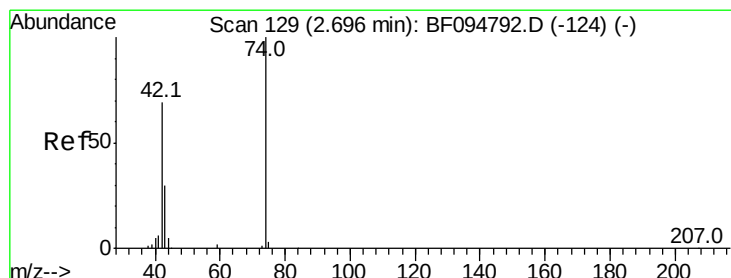
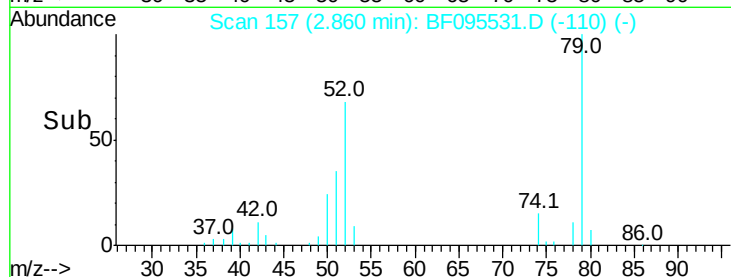
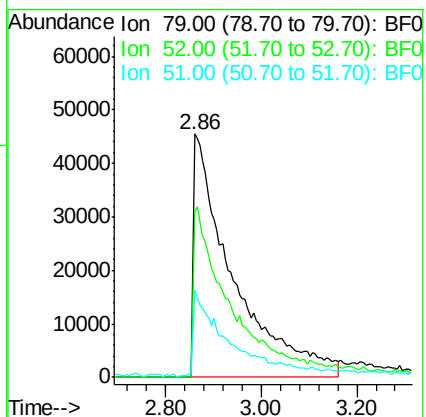
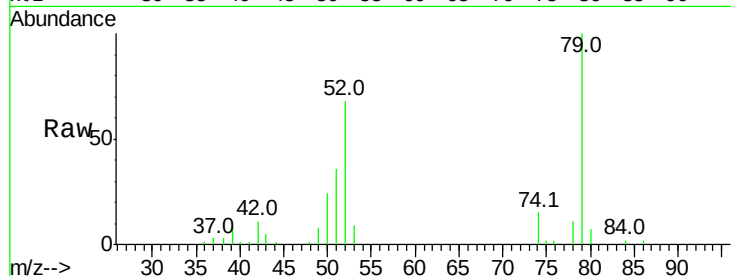
Tot Ion: 79 Resp: 258841

Ion Ratio Lower Upper

79 100

52 68.2 54.8 82.2

51 36.1 27.0 40.4



#4

n-Nitrosodimethylamine

Concen: 29.52 ng

RT: 2.79 min Scan# 145

Delta R.T. -0.02 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

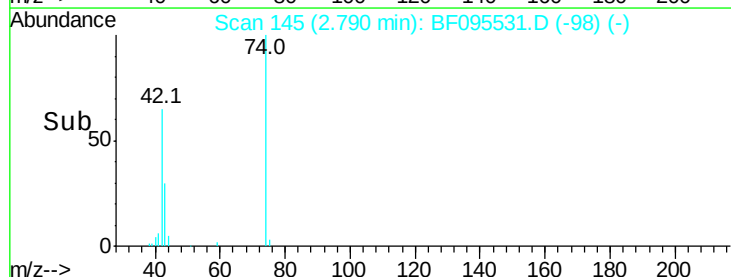
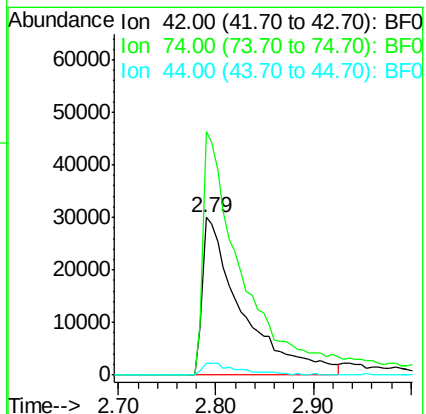
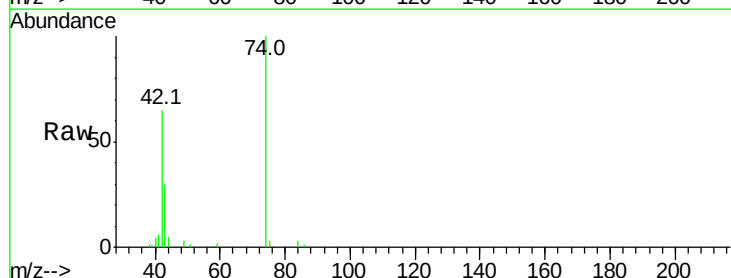
Tgt Ion: 42 Resp: 84307

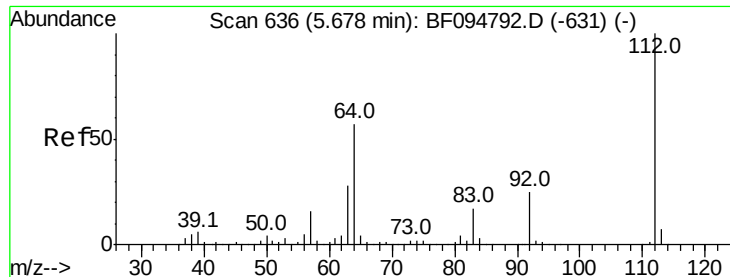
Ion Ratio Lower Upper

42 100

74 154.8 103.9 155.9

44 8.0 5.7 8.5





#5

2-Fluorophenol

Concen: 81.84 ng

RT: 5.71 min Scan# 641

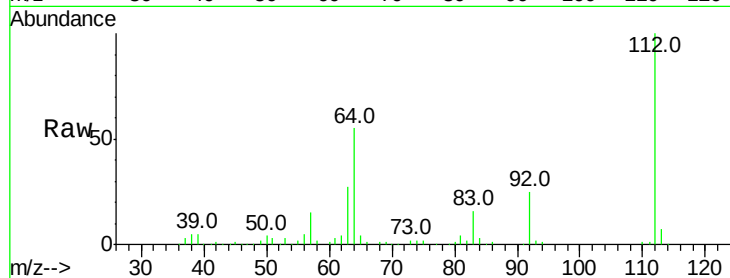
Delta R.T. 0.00 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	493344
Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.0	69.0
63	26.9	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

5.71

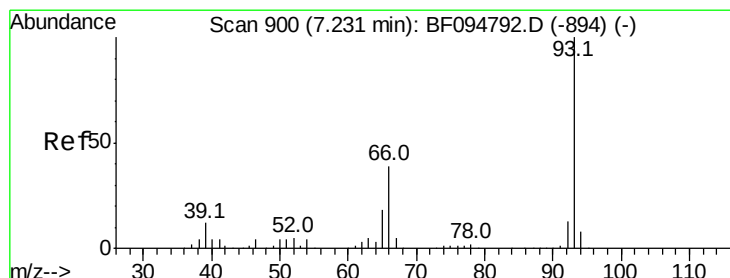
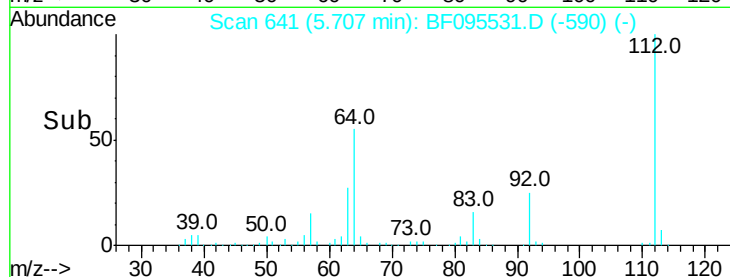
150000

100000

50000

0

Time-->



#6

Aniline

Concen: 45.17 ng

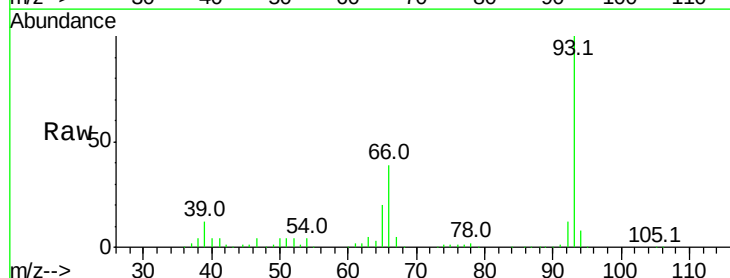
RT: 7.24 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Tgt Ion:	93	Resp:	412422
Ion	Ratio	Lower	Upper
93	100		
66	39.4	32.9	49.3
65	19.6	16.0	24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

7.24

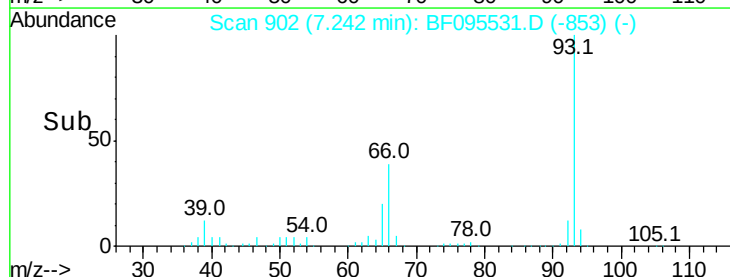
300000

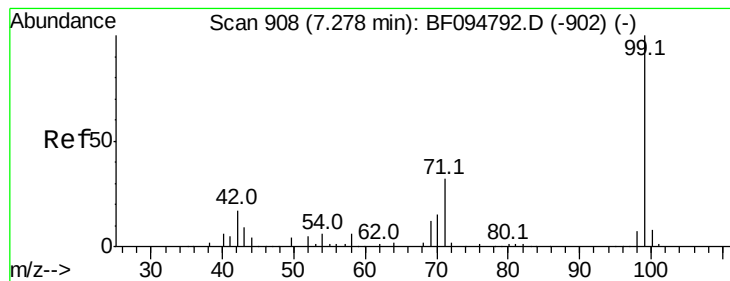
200000

100000

0

Time-->





#7

Phenol-d6

Concen: 83.22 ng

RT: 7.28 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

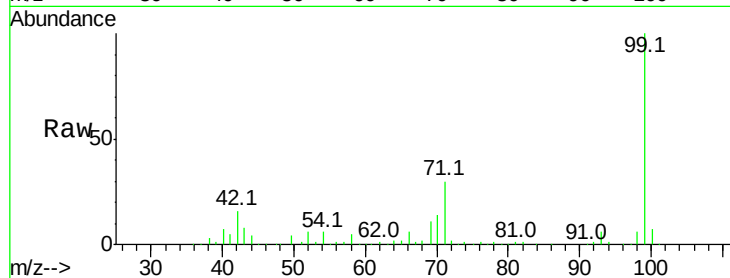
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 601939

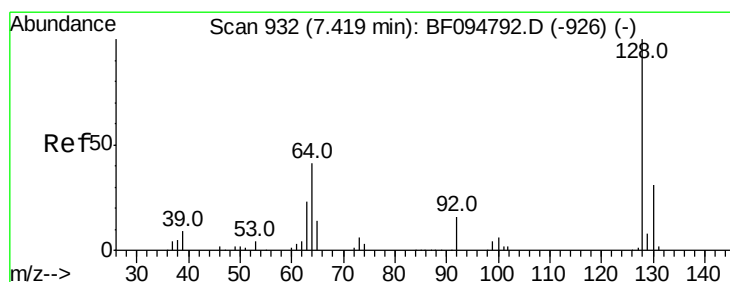
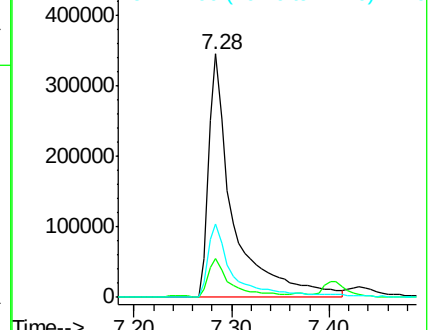
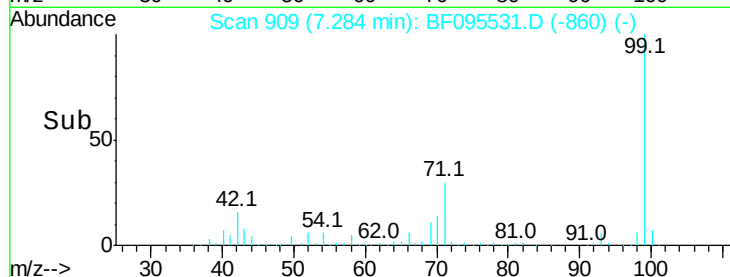
Ion	Ratio	Lower	Upper
99	100		
42	15.8	13.5	20.3
71	30.1	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 42.01 ng

RT: 7.43 min Scan# 934

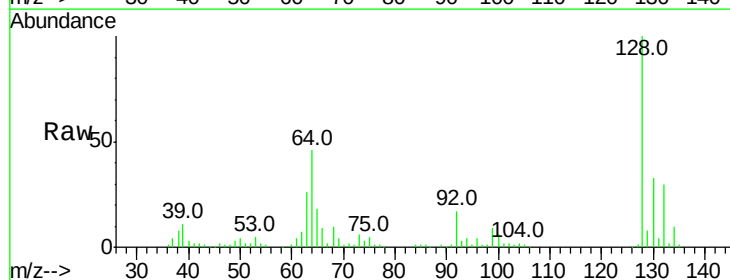
Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Tgt Ion: 128 Resp: 288266

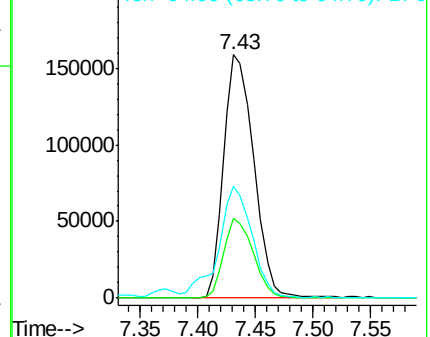
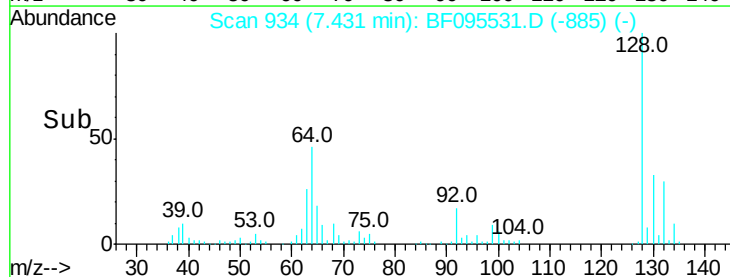
Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.9	52.9
64	45.8	28.4	68.4

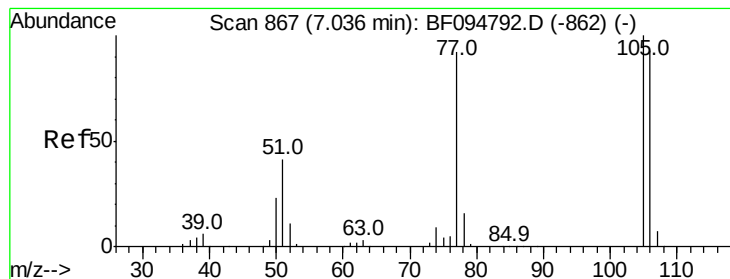


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 36.08 ng

RT: 7.07 min Scan# 873

Delta R.T. 0.00 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Instrument :

BNA_F

ClientSampleId :

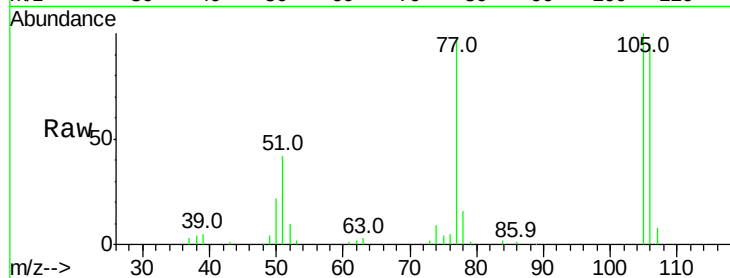
Tot Ion: 77 Resp: 159364

Ion Ratio Lower Upper

77 100

105 103.0 83.8 123.8

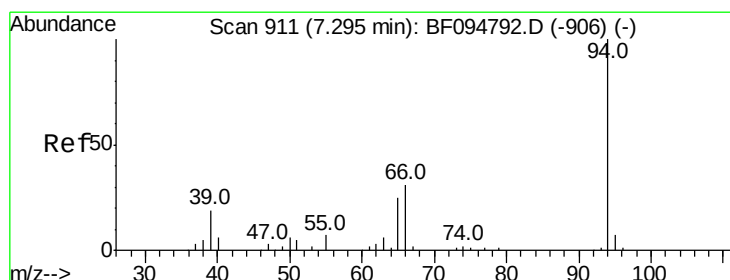
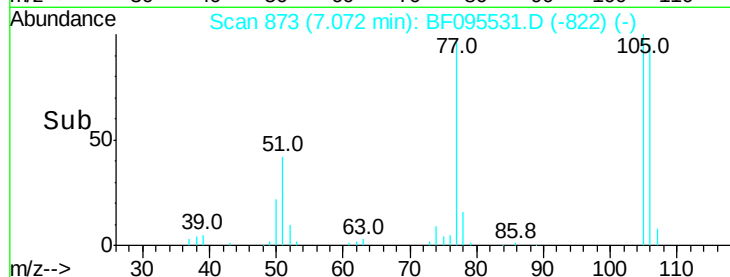
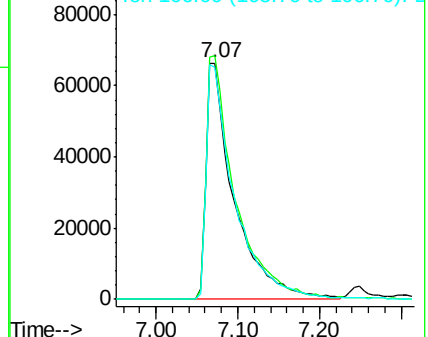
106 98.0 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 45.29 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

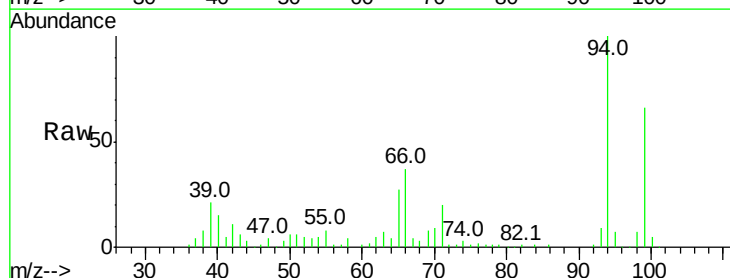
Tgt Ion: 94 Resp: 345207

Ion Ratio Lower Upper

94 100

65 26.6 9.9 49.9

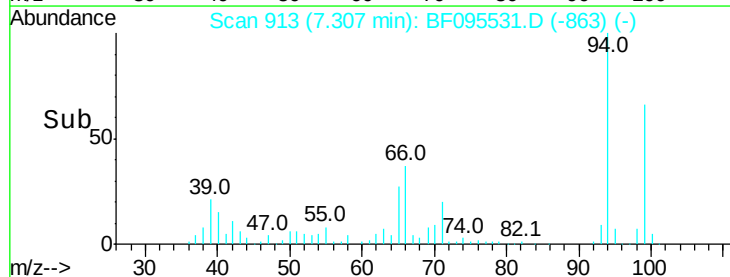
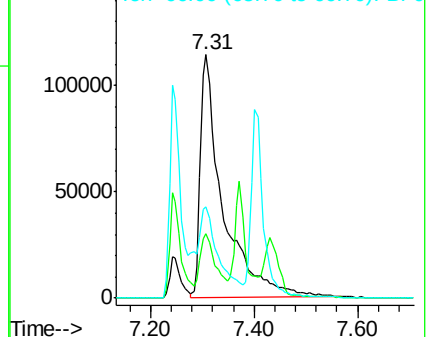
66 37.4 23.1 63.1

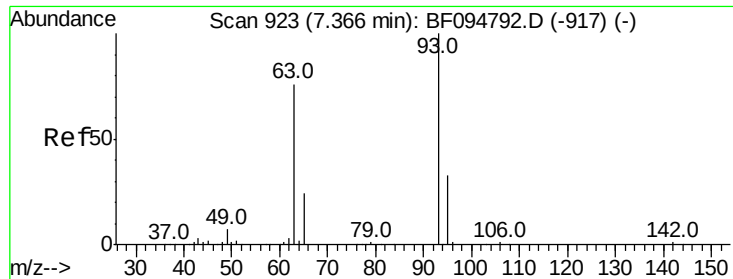


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 39.76 ng

RT: 7.37 min Scan# 924

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Instrument :

BNA_F

ClientSampleId :

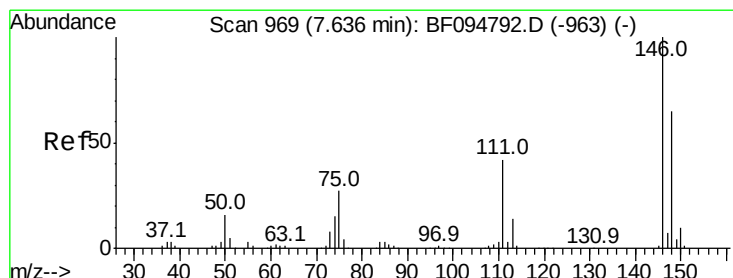
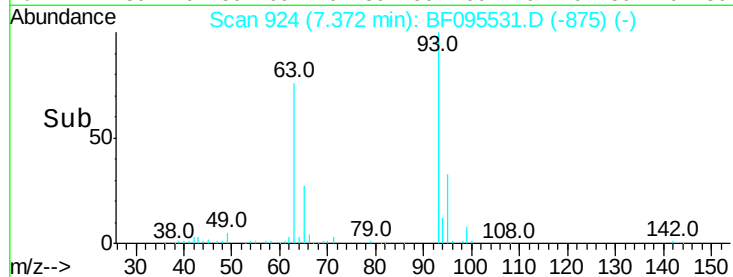
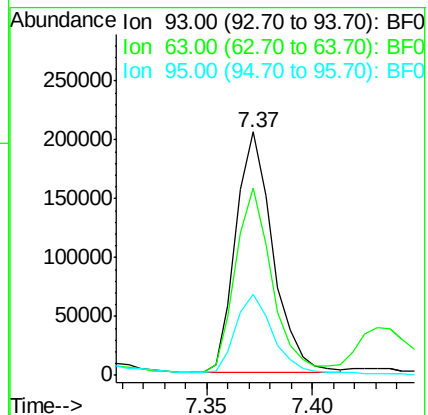
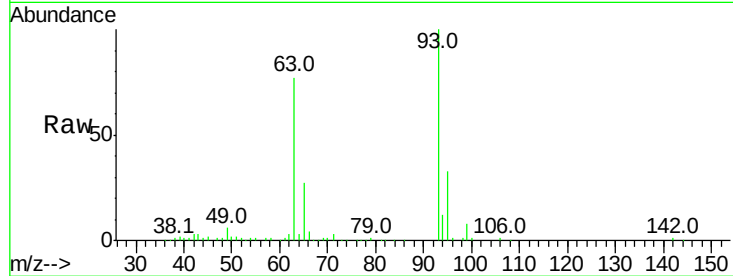
Tot Ion: 93 Resp: 250170

Ion Ratio Lower Upper

93 100

63 76.9 59.2 99.2

95 33.3 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 40.94 ng

RT: 7.64 min Scan# 970

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

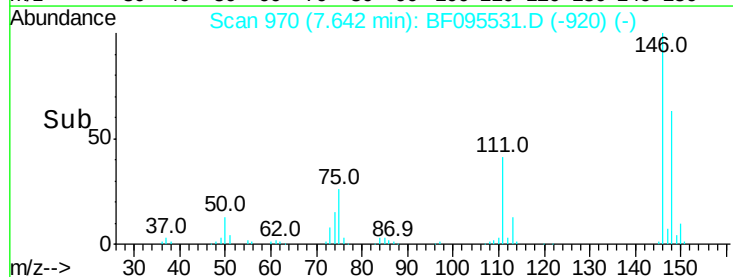
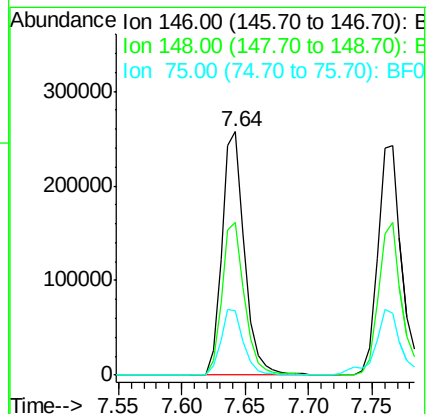
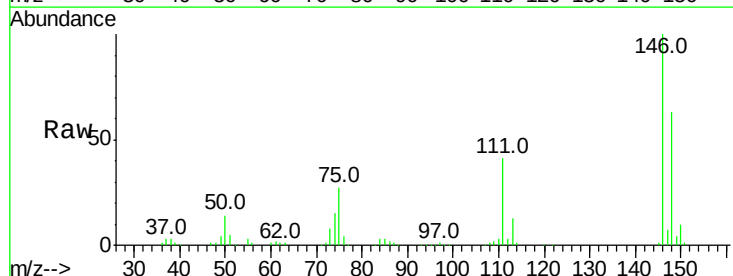
Tgt Ion: 146 Resp: 318672

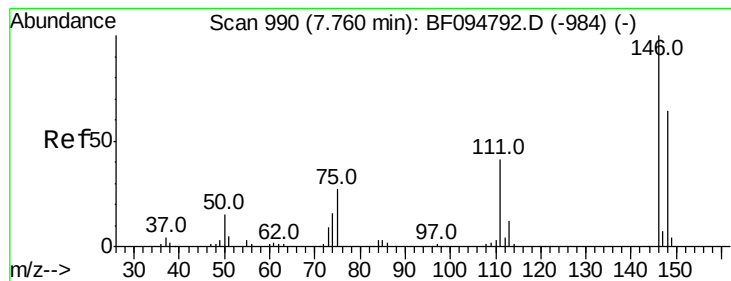
Ion Ratio Lower Upper

146 100

148 62.7 51.8 77.6

75 26.5 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 41.45 ng

RT: 7.77 min Scan# 991

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Instrument :

BNA_F

ClientSampleId :

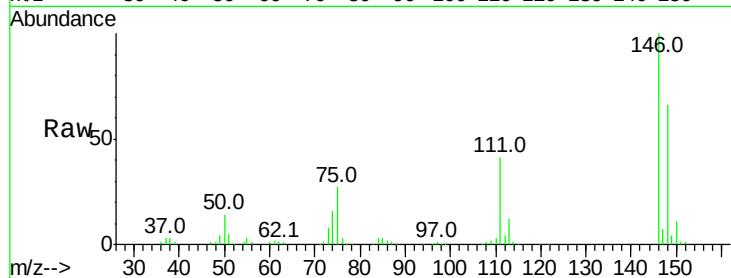
Tot Ion:146 Resp: 327175

Ion Ratio Lower Upper

146 100

148 66.5 52.2 78.2

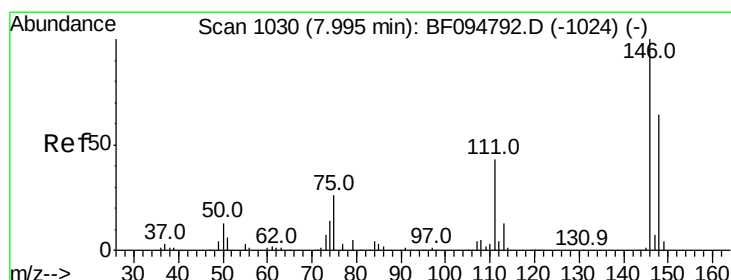
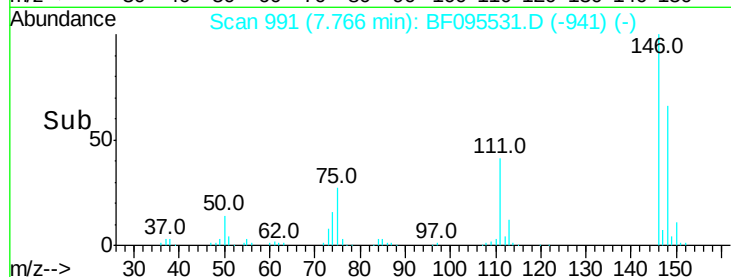
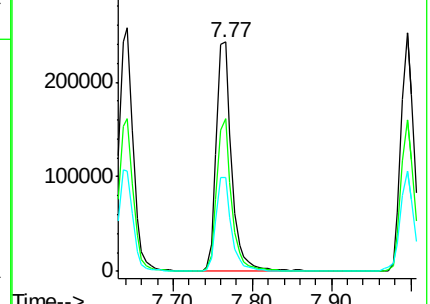
111 41.1 30.3 45.5



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: 42.16 ng

RT: 8.00 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

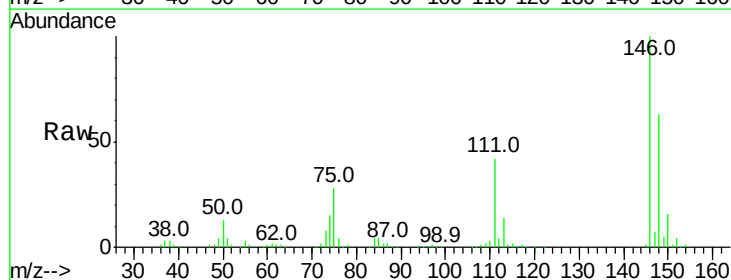
Tgt Ion:146 Resp: 310602

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

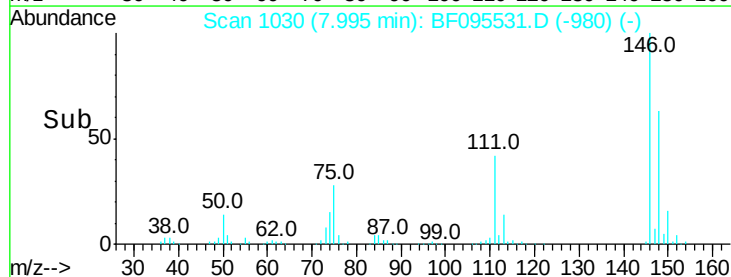
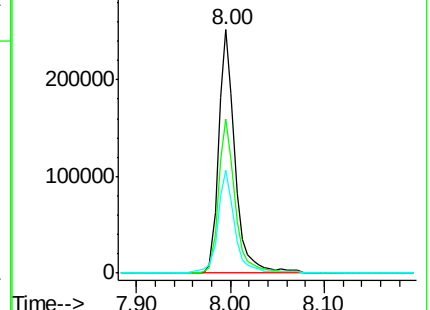
111 42.3 38.2 57.4

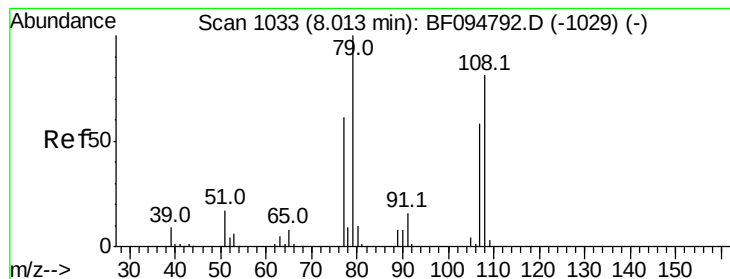


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 44.93 ng

RT: 8.04 min Scan# 1037

Delta R.T. 0.00 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Instrument :

BNA_F

ClientSampleId :

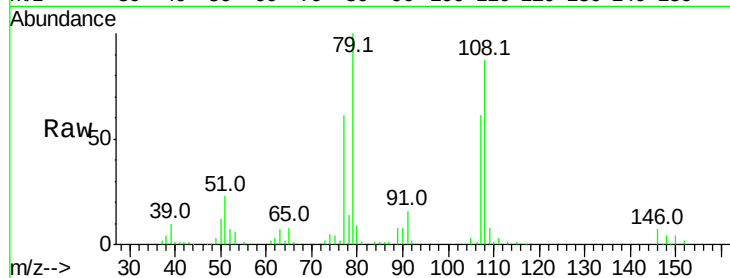
Tot Ion: 79 Resp: 209021

Ion Ratio Lower Upper

79 100

108 87.2 63.4 95.0

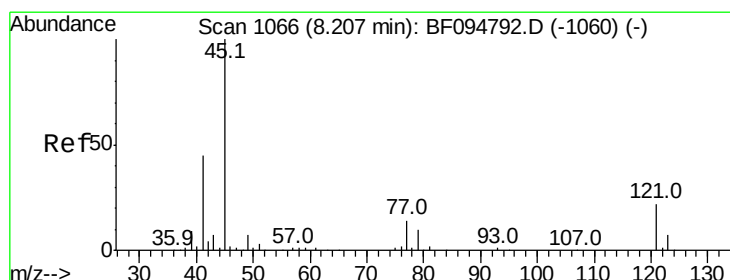
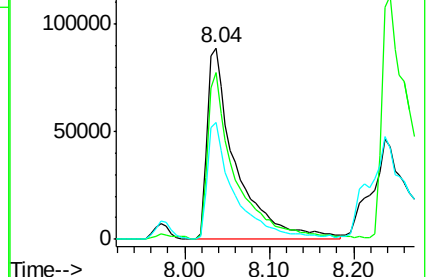
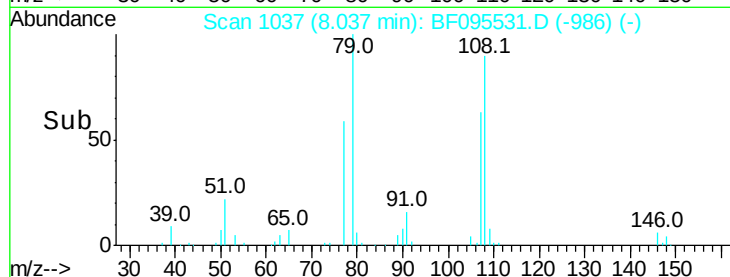
77 60.7 49.2 73.8



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: 41.76 ng

RT: 8.22 min Scan# 1069

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

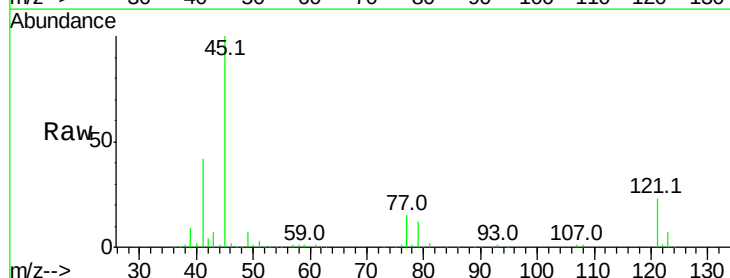
Tgt Ion: 45 Resp: 371900

Ion Ratio Lower Upper

45 100

77 15.1 0.0 33.2

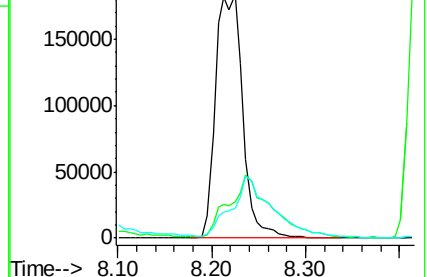
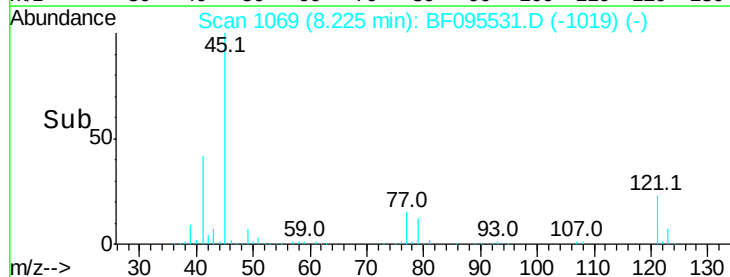
79 12.4 0.0 30.0

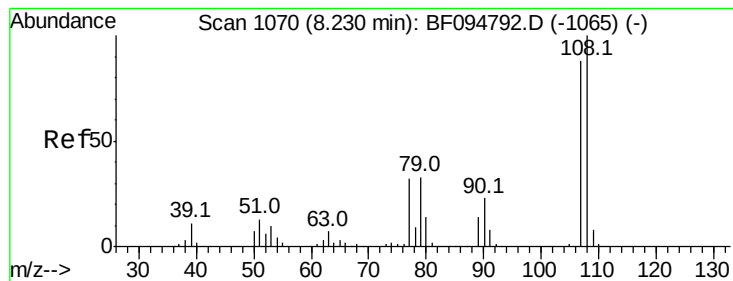


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

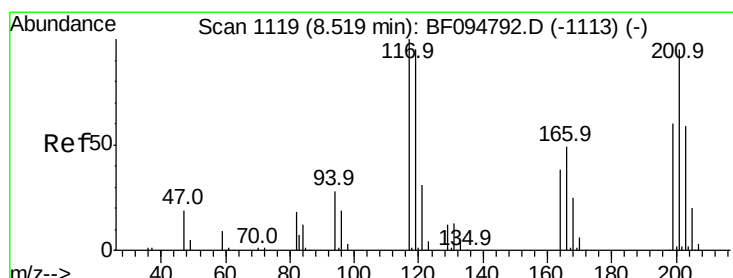
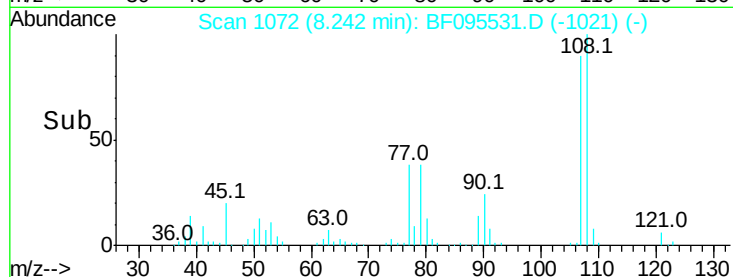
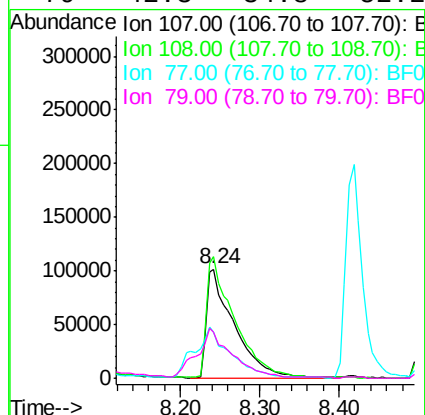
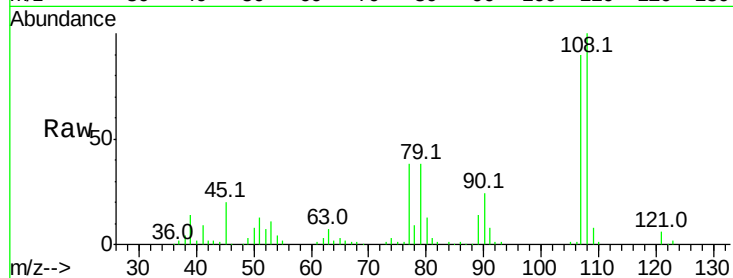




#17
2-Methylphenol
Concen: 43.96 ng
RT: 8.24 min Scan# 1072
Delta R.T. 0.00 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

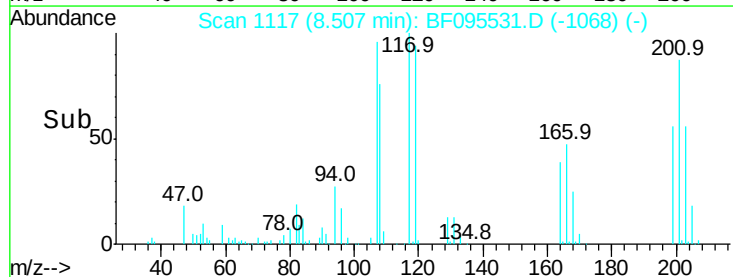
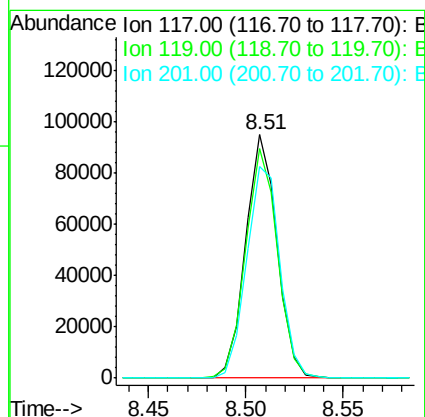
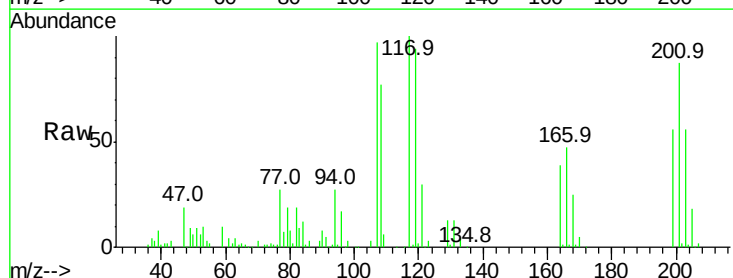
Instrument :
BNA_F
ClientSampleId :

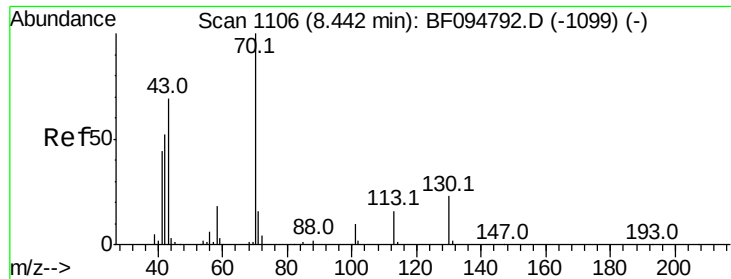
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	93.4	140.0
77	41.8	35.8	53.6
79	42.3	34.8	52.2



#18
Hexachloroethane
Concen: 39.38 ng
RT: 8.51 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	77.4	116.0
201	87.0	94.6	141.8#

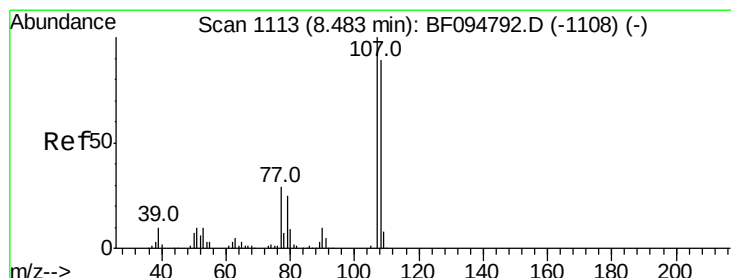
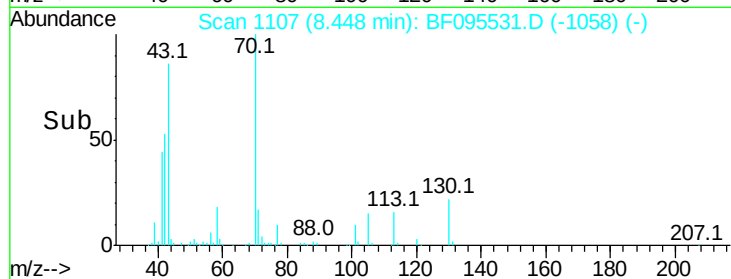
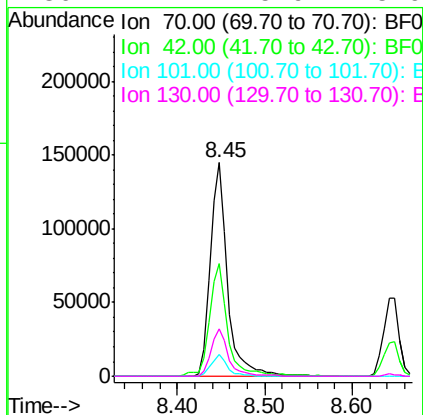
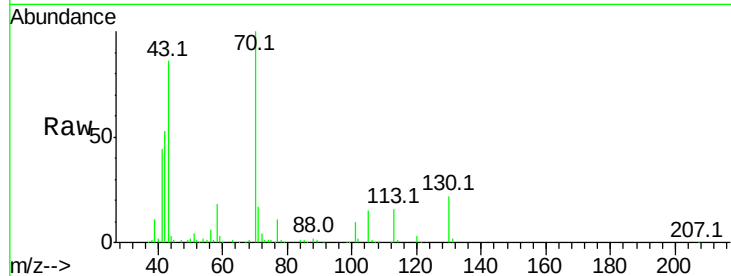




#19
n-Nitroso-di-n-propylamine
Concen: 40.42 ng
RT: 8.45 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

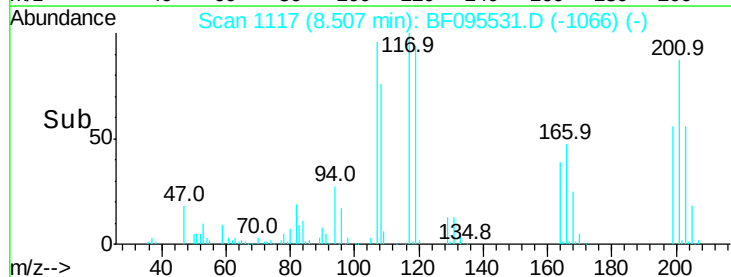
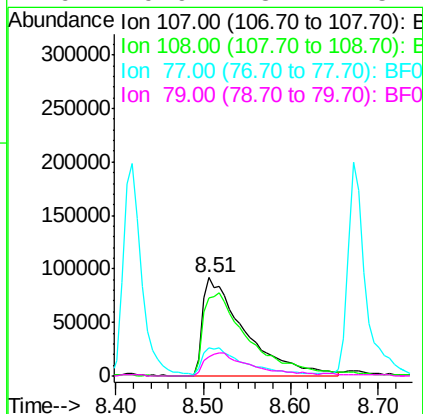
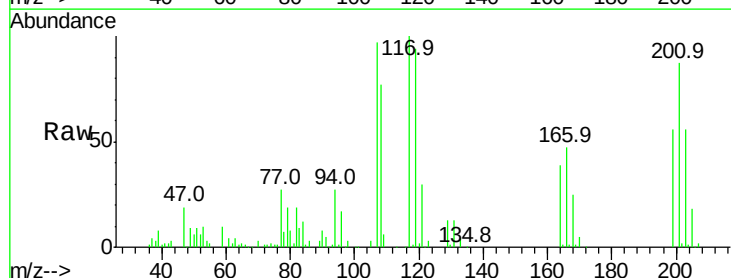
Instrument :
BNA_F
ClientSampleId :

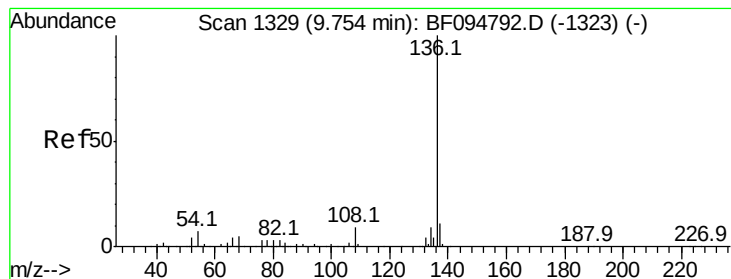
Tot Ion: 70 Resp: 197716
Ion Ratio Lower Upper
70 100
42 53.0 47.2 70.8
101 10.0 7.2 10.8
130 22.2 15.9 23.9



#20
3+4-Methylphenols
Concen: 40.27 ng
RT: 8.51 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

Tgt Ion:107 Resp: 307260
Ion Ratio Lower Upper
107 100
108 79.6 71.0 111.0
77 28.2 90.5 130.5#
79 19.9 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.75 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 420845

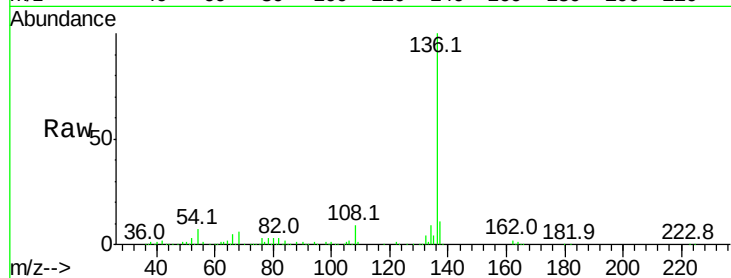
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.2 4.9 7.3

68 6.0 4.1 6.1

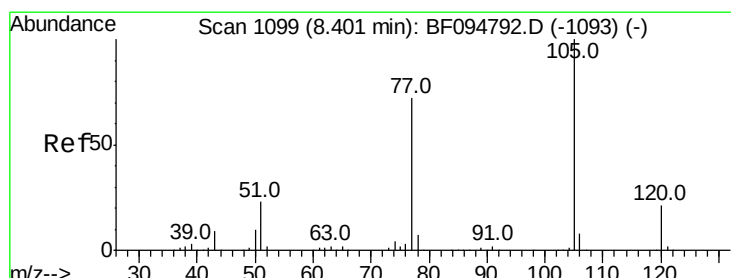
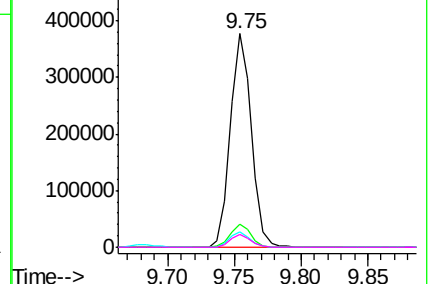
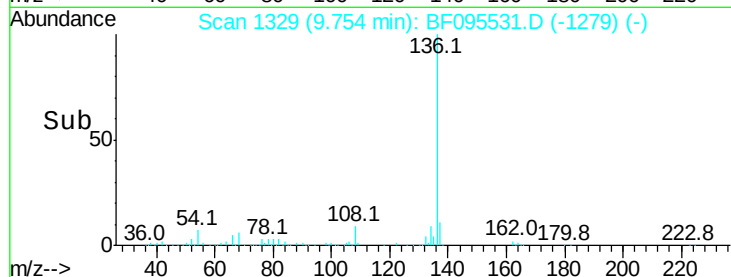


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.55 ng

RT: 8.42 min Scan# 1102

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Tgt Ion:105 Resp: 409437

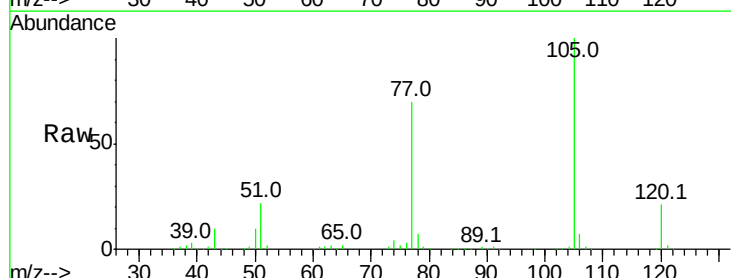
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.4 30.7 46.1#

120 21.3 17.4 26.0

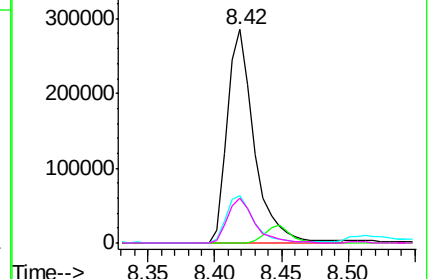
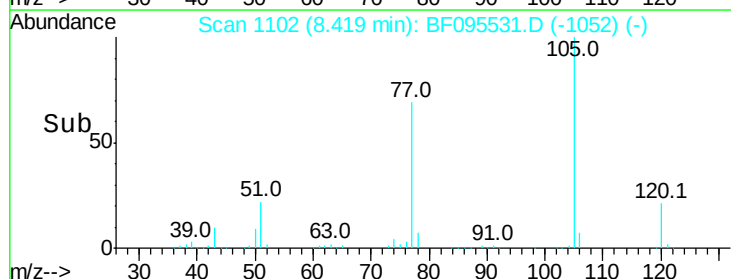


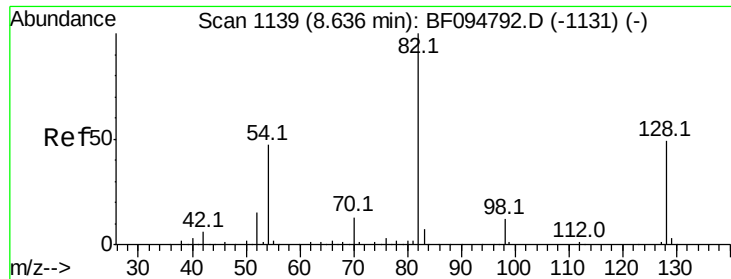
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

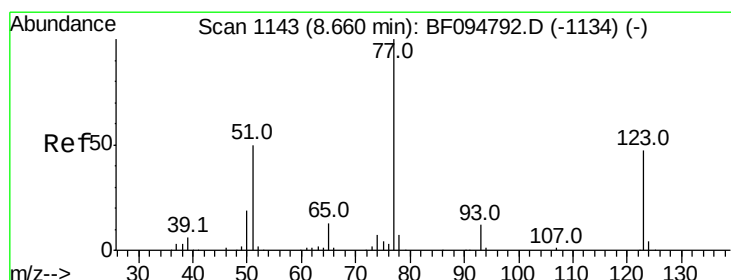
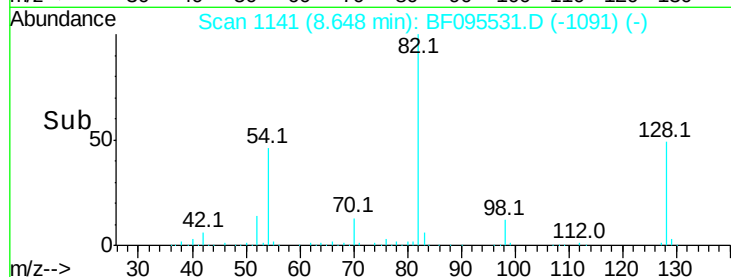
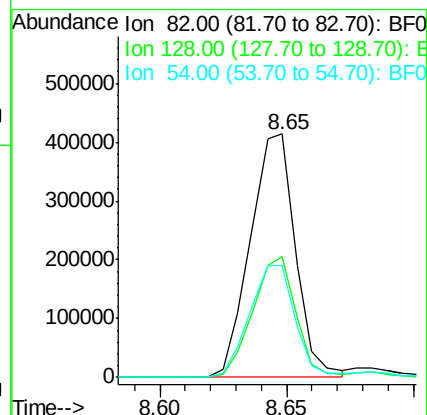
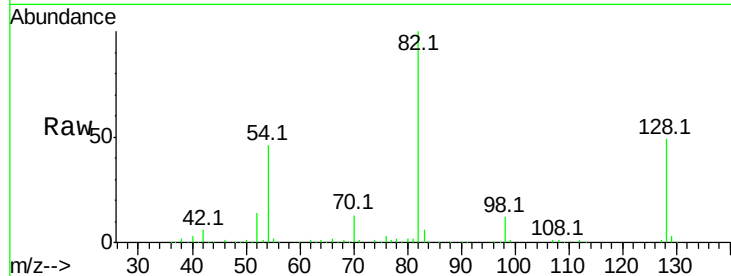




#23
 Nitrobenzene-d5
 Concen: 77.09 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

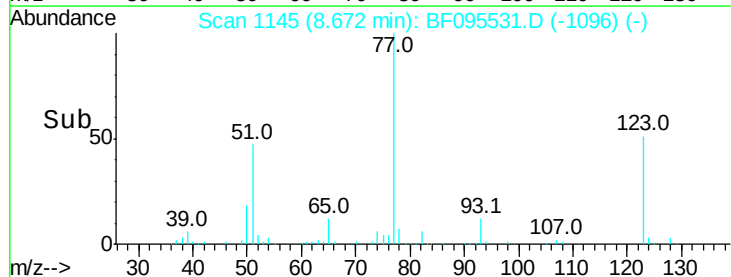
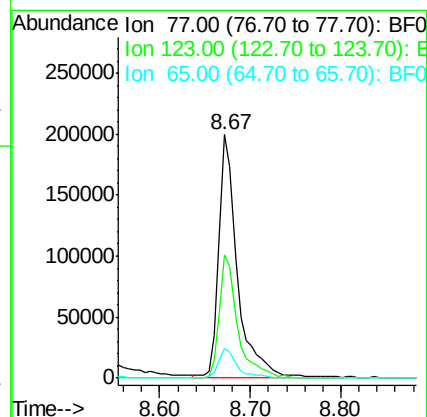
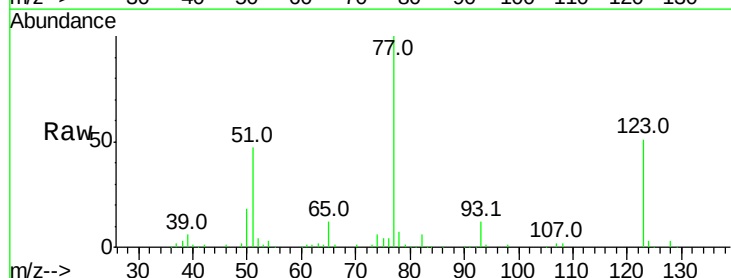
Instrument :
 BNA_F
 ClientSampled :

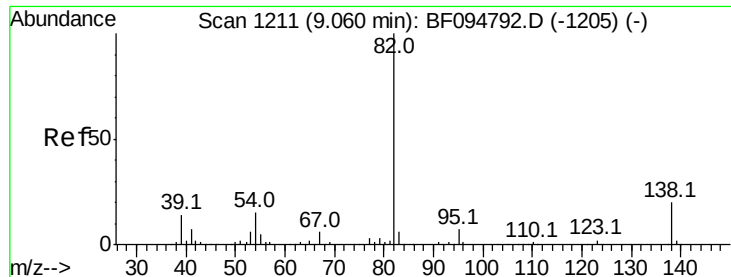
Tot Ion: 82 Resp: 514521
 Ion Ratio Lower Upper
 82 100
 128 49.4 34.0 51.0
 54 46.1 42.2 63.2



#24
 Nitrobenzene
 Concen: 40.24 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Tgt Ion: 77 Resp: 281496
 Ion Ratio Lower Upper
 77 100
 123 50.7 35.8 53.8
 65 12.4 10.6 15.8

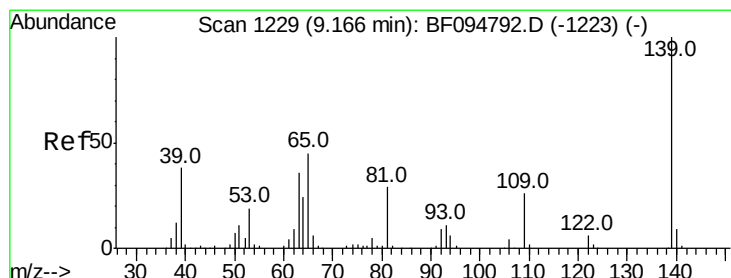
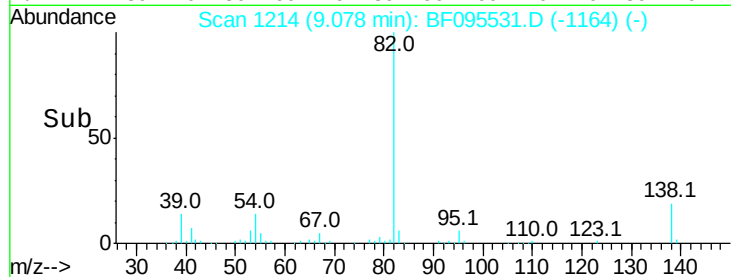
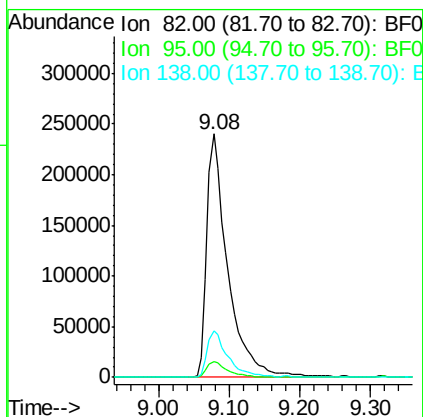
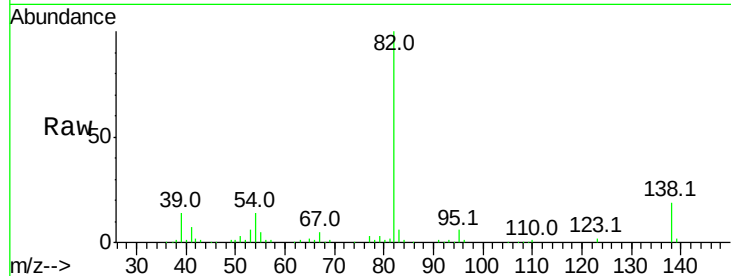




#25
Isophorone
Concen: 41.81 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

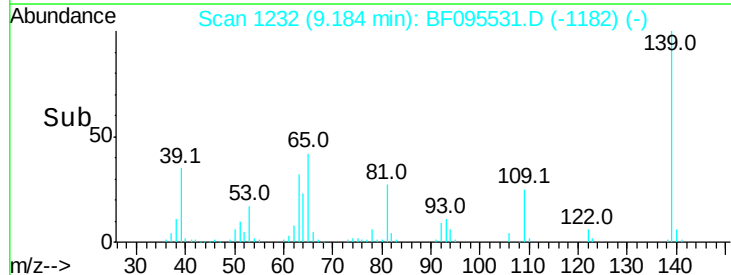
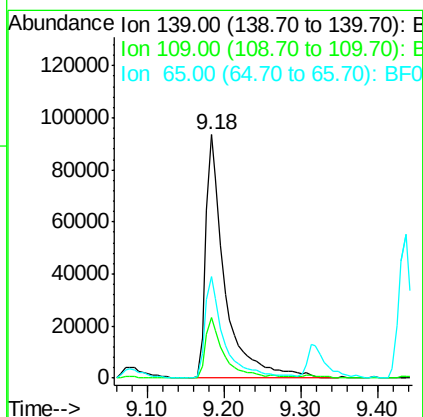
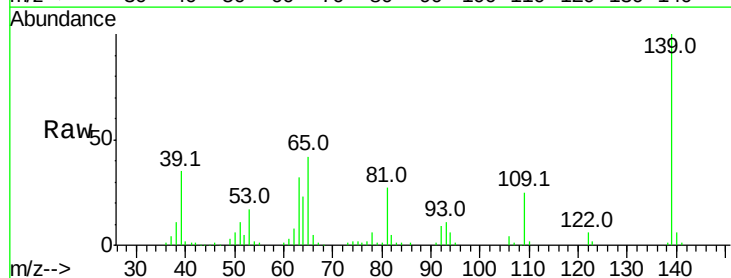
Instrument :
BNA_F
ClientSampleId :

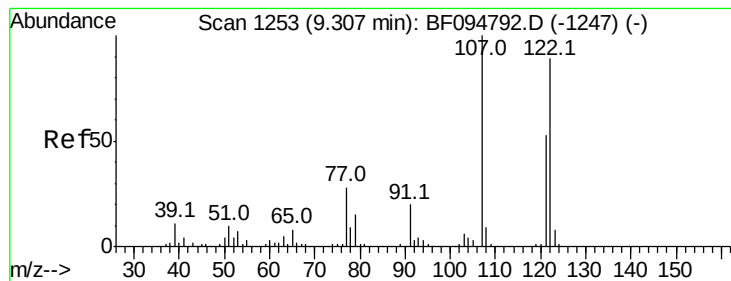
Tot Ion: 82 Resp: 498257
Ion Ratio Lower Upper
82 100
95 6.4 5.3 7.9
138 19.2 13.1 19.7



#26
2-Nitrophenol
Concen: 42.46 ng
RT: 9.18 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

Tgt Ion:139 Resp: 160287
Ion Ratio Lower Upper
139 100
109 24.7 21.0 31.6
65 41.9 33.0 49.6

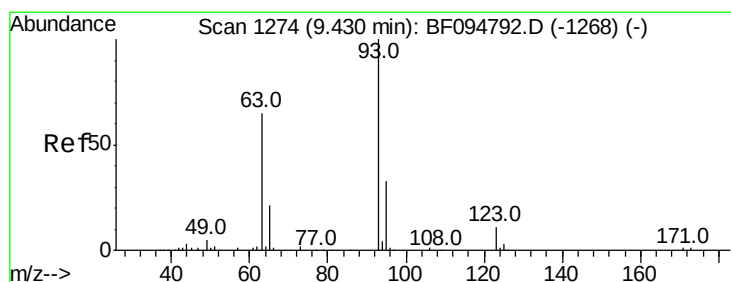
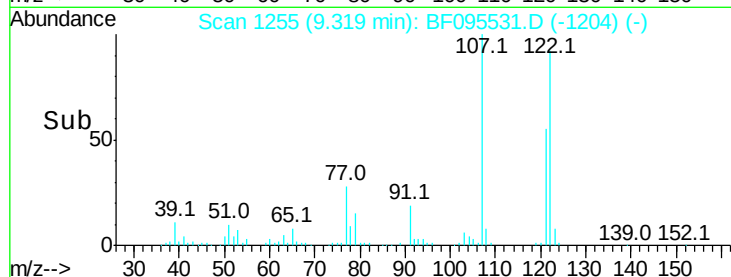
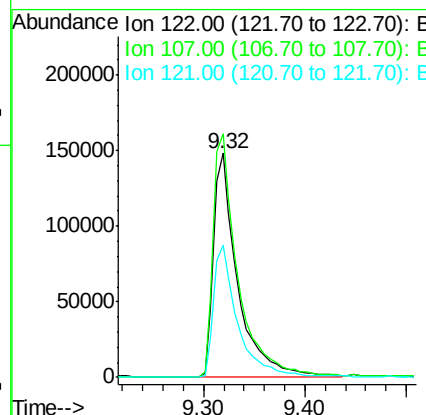
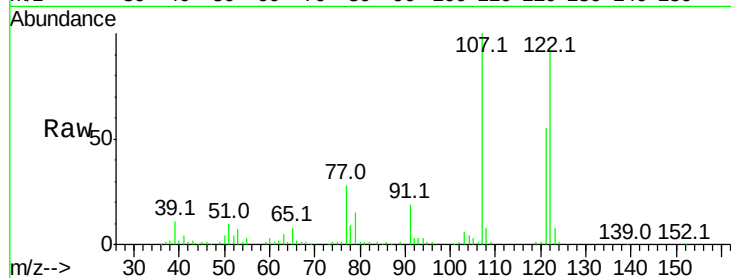




#27
 2,4-Dimethylphenol
 Concen: 40.35 ng
 RT: 9.32 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

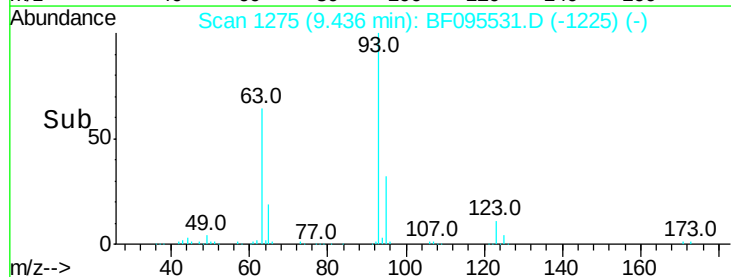
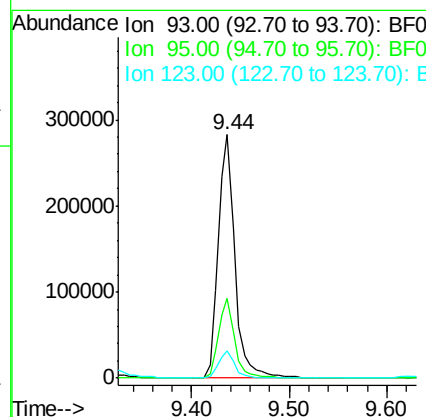
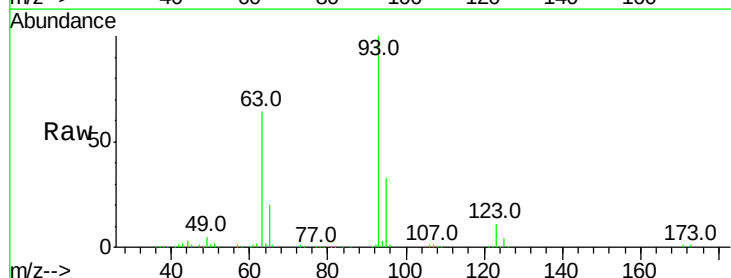
Instrument :
 BNA_F
 ClientSampleId :

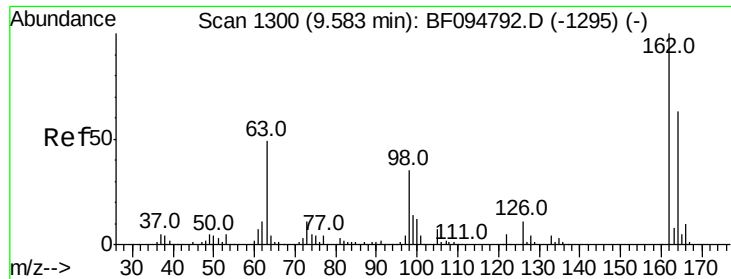
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.7	89.2	133.8
121	59.3	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.73 ng
 RT: 9.44 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	26.5	39.7
123	11.1	9.0	13.4

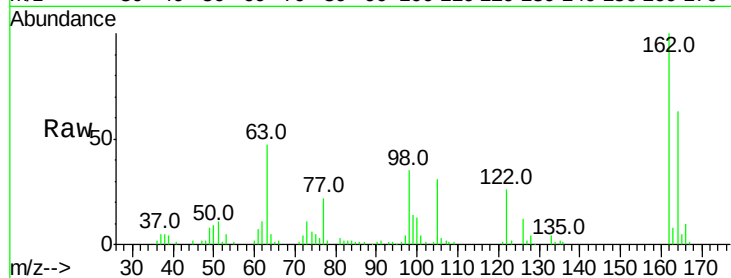




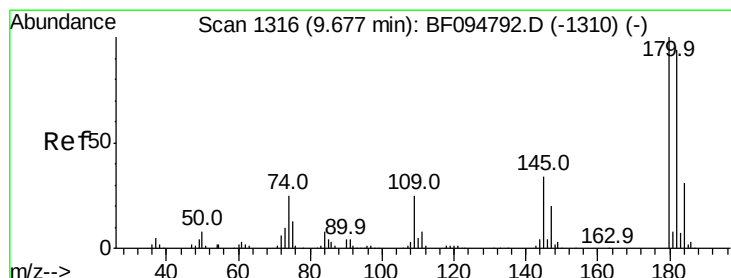
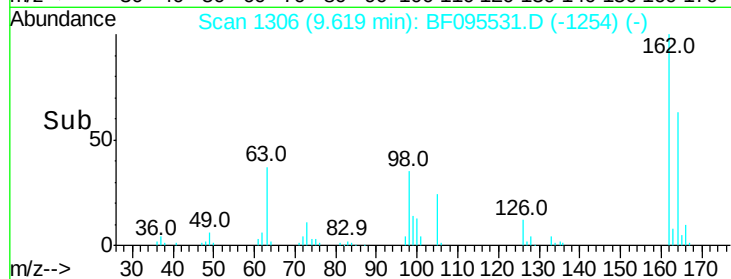
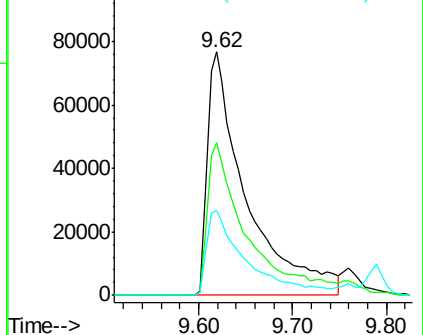
#29
 2,4-Dichlorophenol
 Concen: 38.36 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	44.6	84.6
98	34.7	14.8	54.8

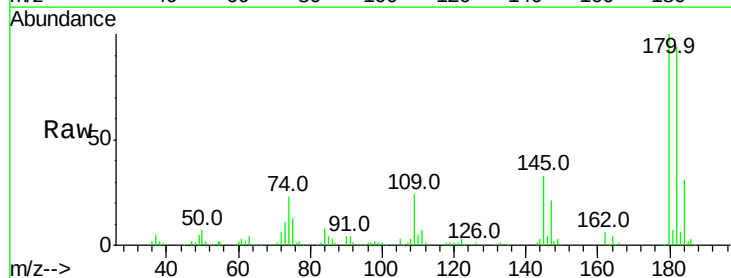


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

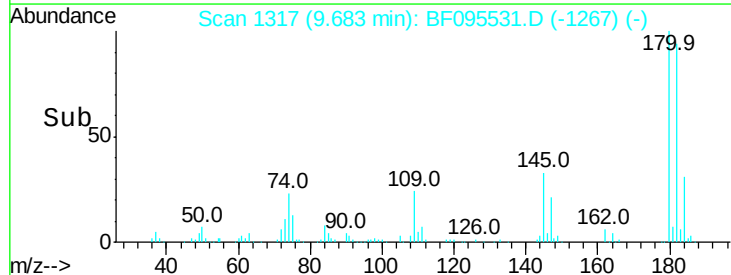
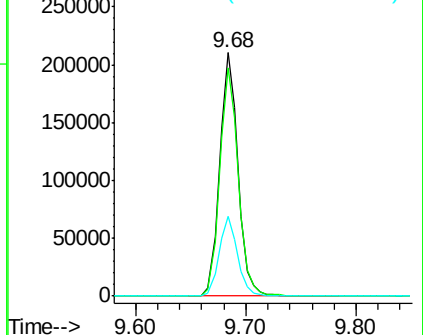


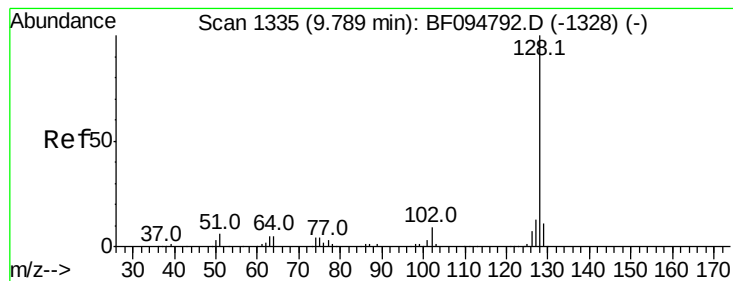
#30
 1,2,4-Trichlorobenzene
 Concen: 39.39 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.8	113.6
145	32.8	25.3	37.9



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





#31

Naphthalene

Concen: 40.45 ng

RT: 9.79 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Instrument :

BNA_F

ClientSampleId :

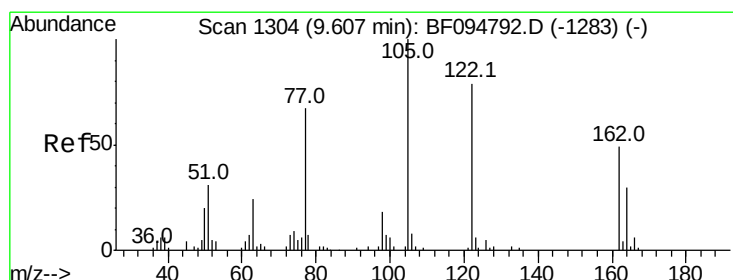
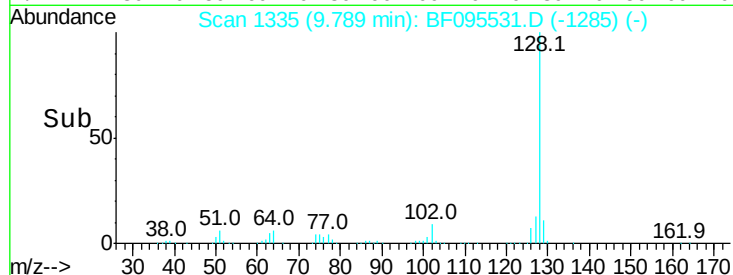
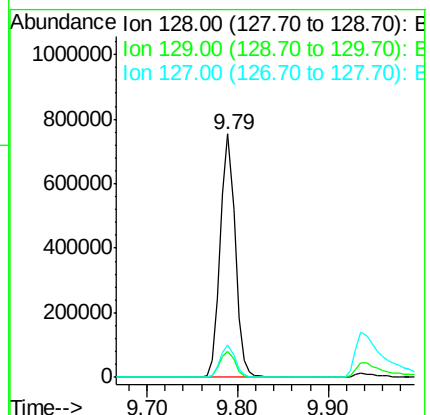
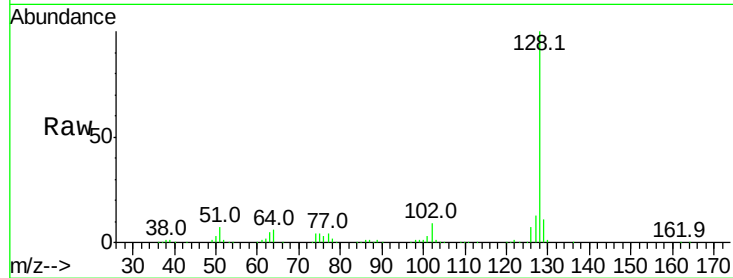
Tot Ion:128 Resp: 855683

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

127 13.2 10.8 16.2



#32

Benzoic acid

Concen: 30.60 ng

RT: 9.66 min Scan# 1313

Delta R.T. -0.02 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

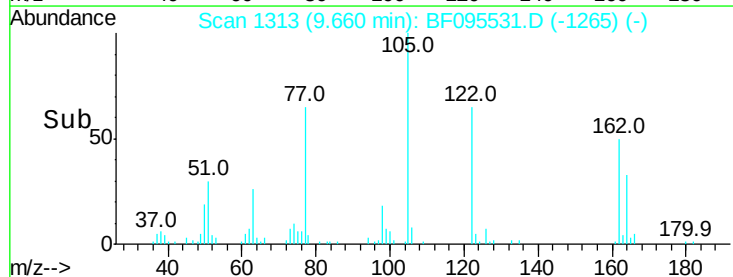
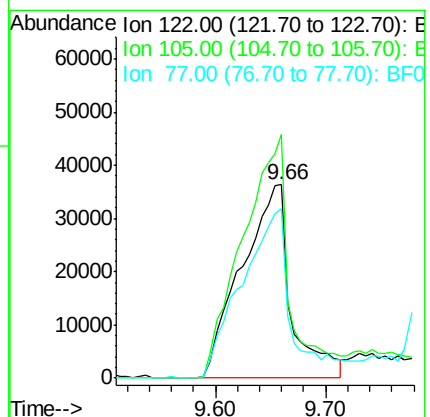
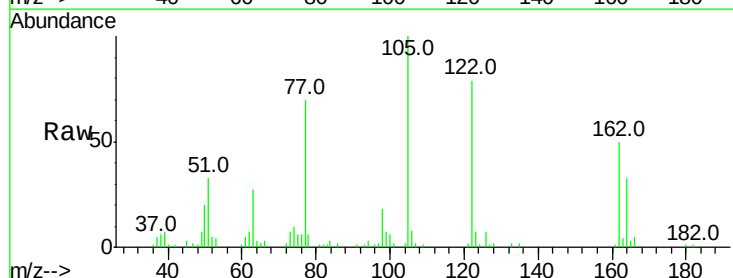
Tgt Ion:122 Resp: 114339

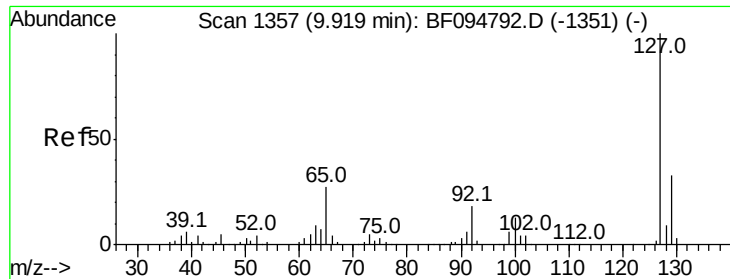
Ion Ratio Lower Upper

122 100

105 125.8 103.3 143.3

77 87.7 73.7 113.7

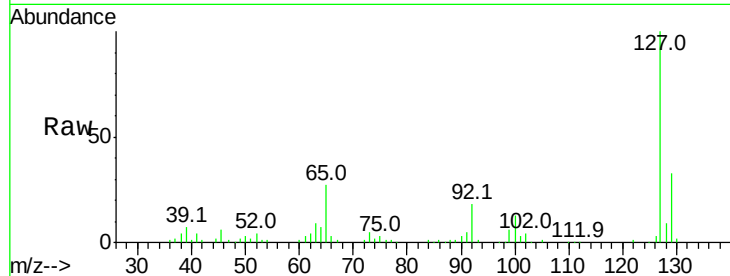




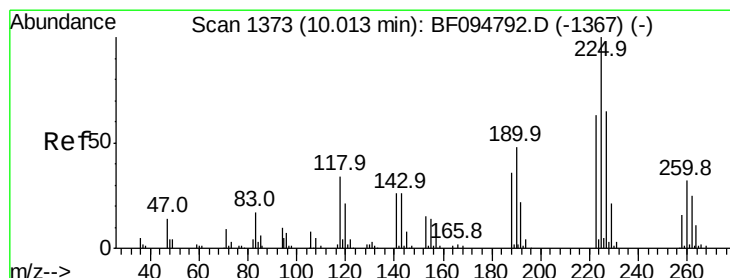
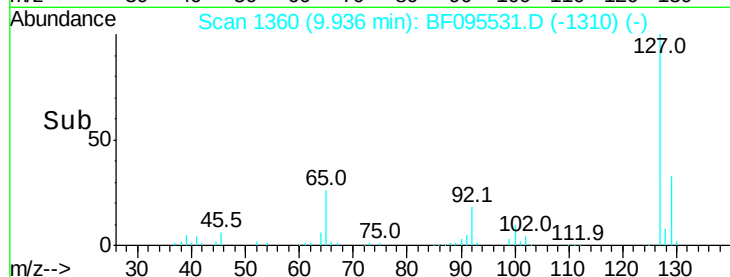
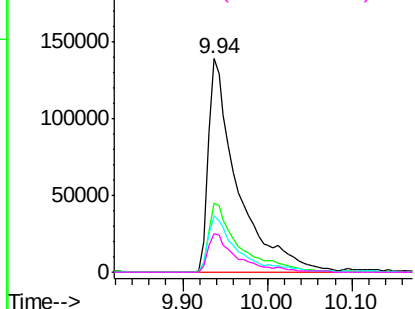
#33
 4-Chloroaniline
 Concen: 42.78 ng
 RT: 9.94 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	127	Resp:	337250
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.2	39.2
65	26.5	27.8	41.8#
92	17.8	16.8	25.2

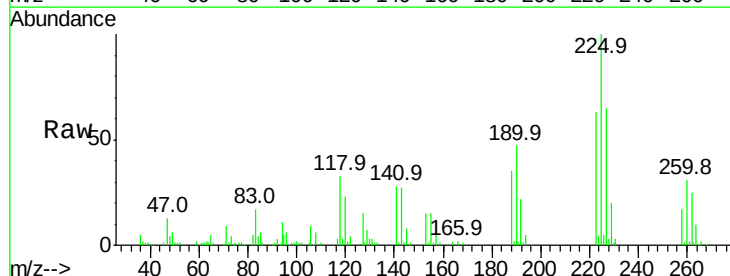


Abundance Ion 127.00 (126.70 to 127.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 65.00 (64.70 to 65.70): BF0
 Ion 92.00 (91.70 to 92.70): BF0

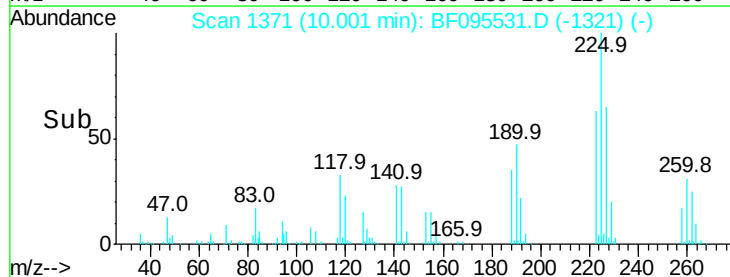
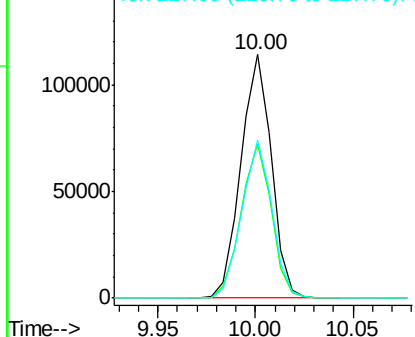


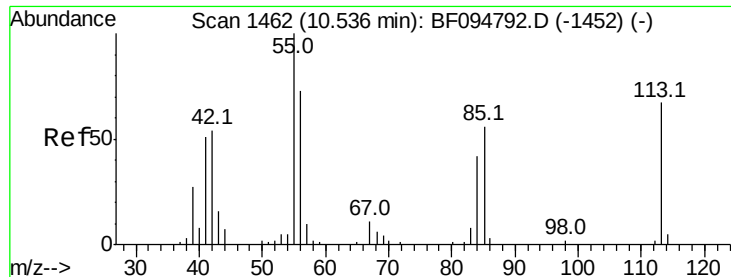
#34
 Hexachlorobutadiene
 Concen: 38.07 ng
 RT: 10.00 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Tgt Ion:	225	Resp:	124011
Ion	Ratio	Lower	Upper
225	100		
223	63.1	48.8	73.2
227	64.8	51.1	76.7



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

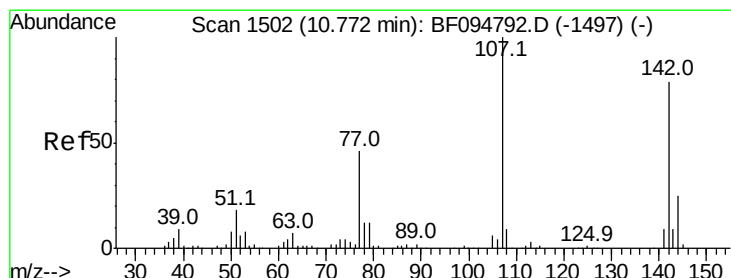
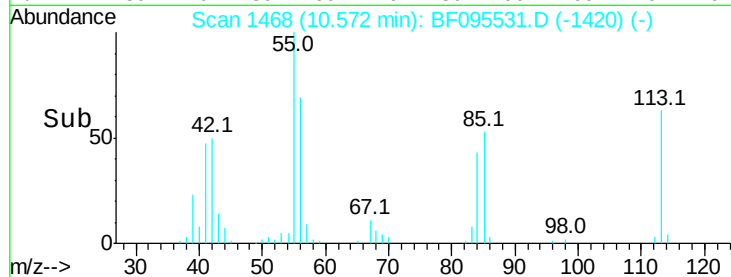
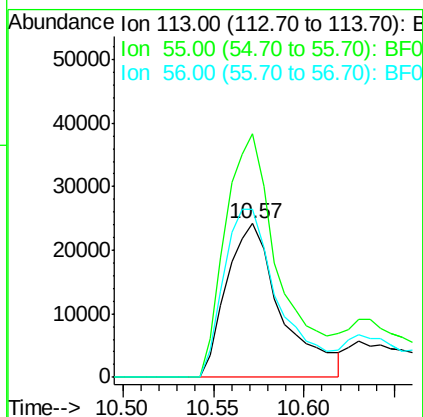
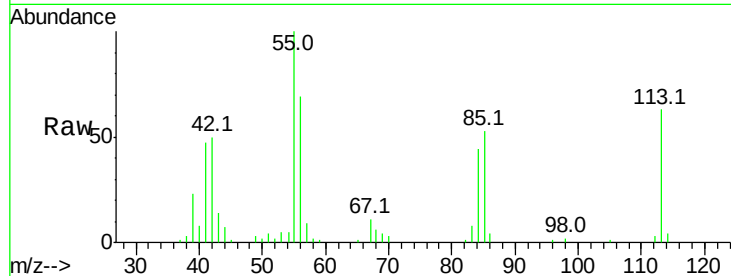




#35
 Caprolactam
 Concen: 29.53 ng
 RT: 10.57 min Scan# 1468
 Delta R.T. -0.02 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

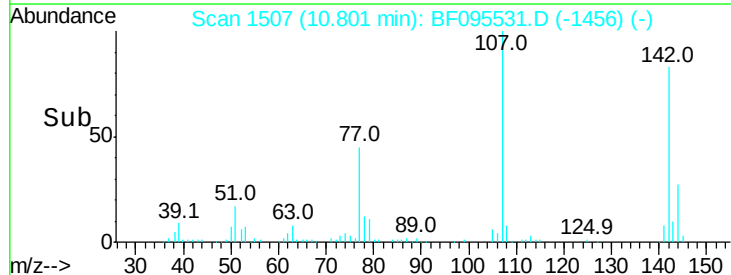
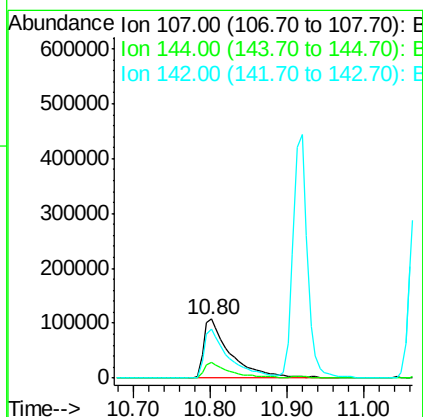
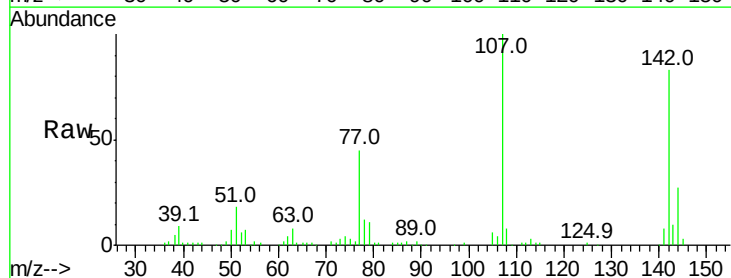
Instrument :
 BNA_F
 ClientSampled :

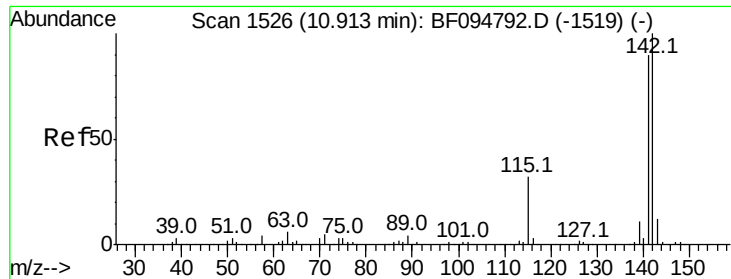
Tot Ion:113 Resp: 51089
 Ion Ratio Lower Upper
 113 100
 55 158.2 150.2 190.2
 56 109.6 107.8 147.8



#36
 4-Chloro-3-methylphenol
 Concen: 42.28 ng
 RT: 10.80 min Scan# 1507
 Delta R.T. 0.00 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Tgt Ion:107 Resp: 260480
 Ion Ratio Lower Upper
 107 100
 144 27.1 24.2 36.4
 142 83.1 73.4 110.0

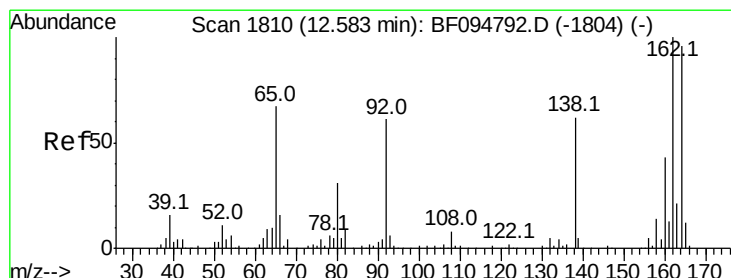
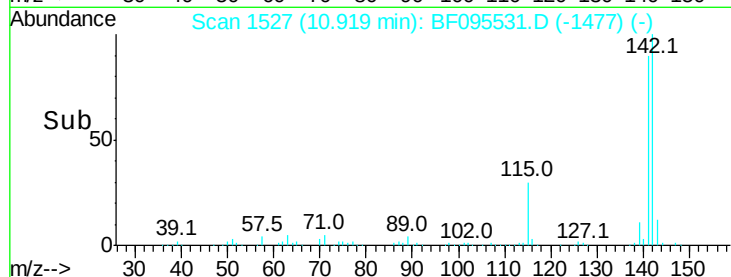
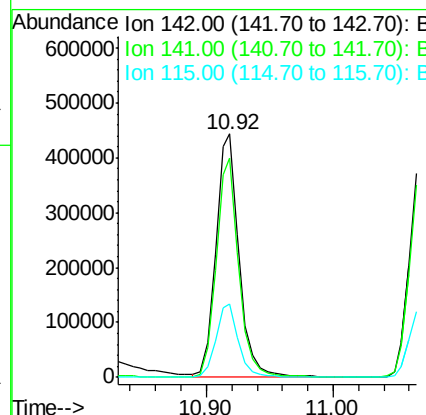
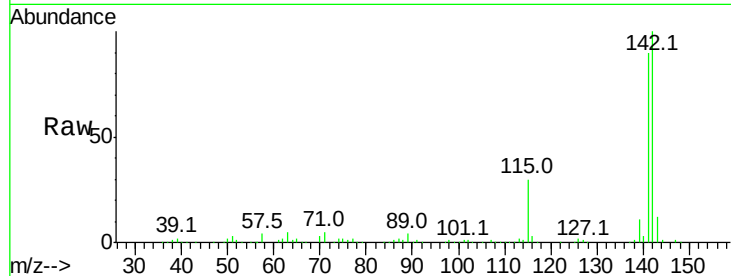




#37
2-Methylnaphthalene
Concen: 40.78 ng
RT: 10.92 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

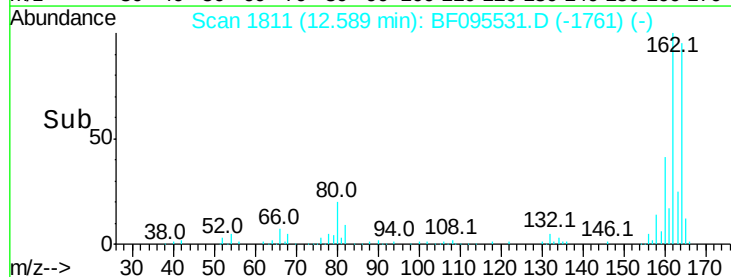
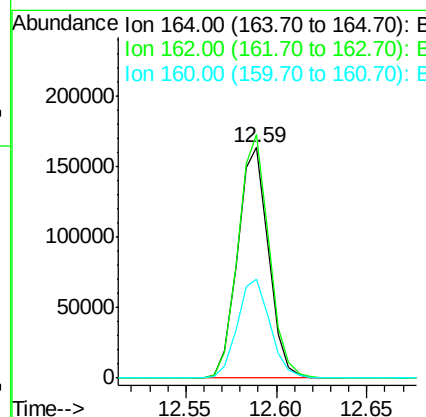
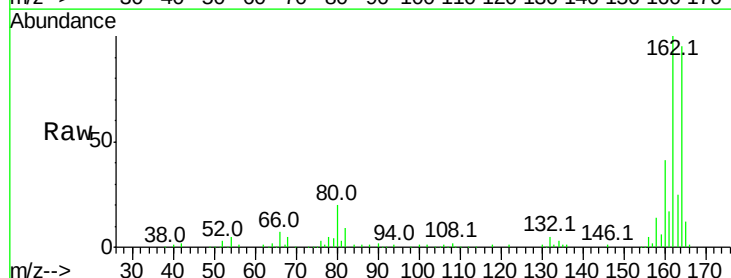
Instrument :
BNA_F
ClientSampled :

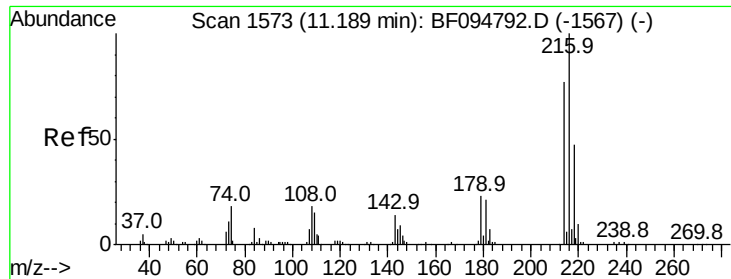
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.3	106.9
115	30.2	27.1	40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.59 min Scan# 1811
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	82.6	123.8
160	42.9	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.77 ng

RT: 11.20 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 230176

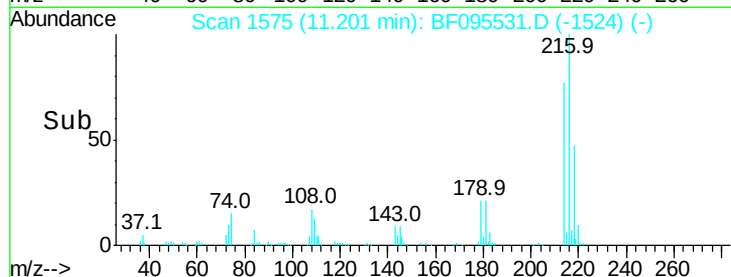
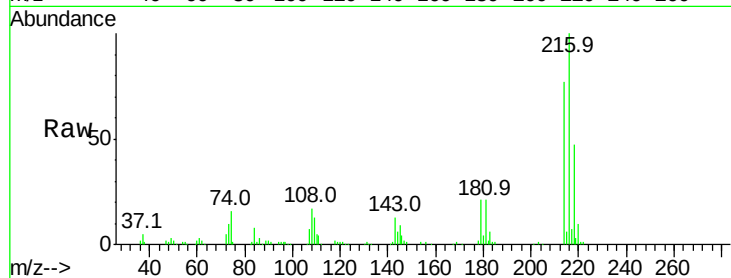
Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.2

179 22.0 17.9 26.9

108 17.9 16.5 24.7

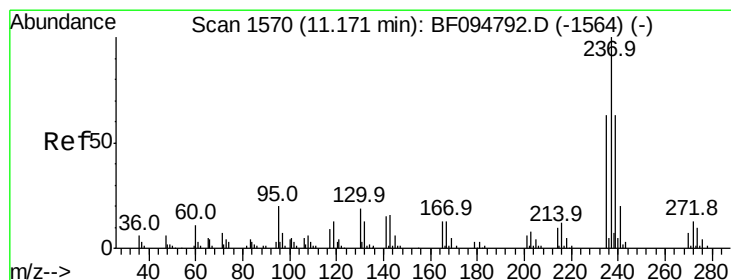
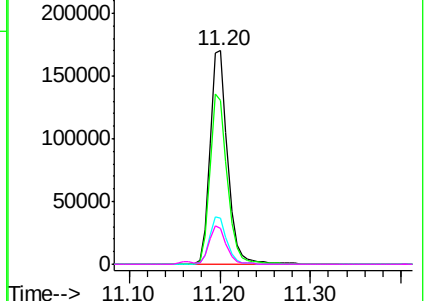


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 33.40 ng

RT: 11.17 min Scan# 1569

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

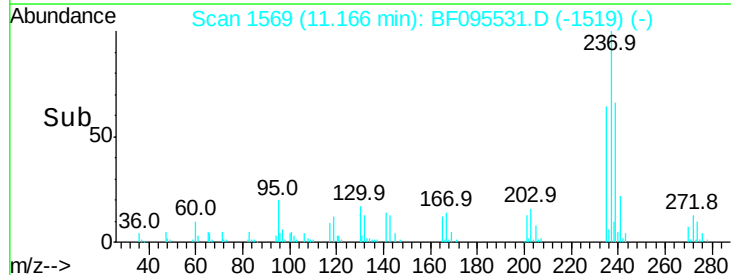
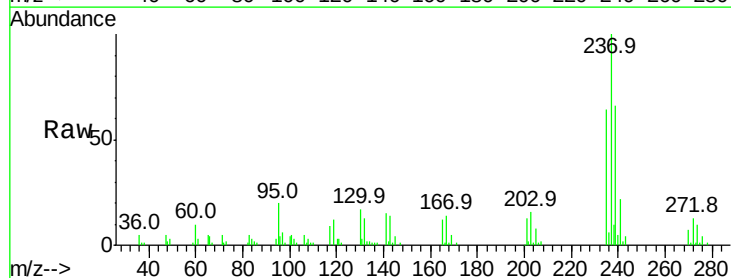
Tgt Ion:237 Resp: 73843

Ion Ratio Lower Upper

237 100

235 63.7 42.6 82.6

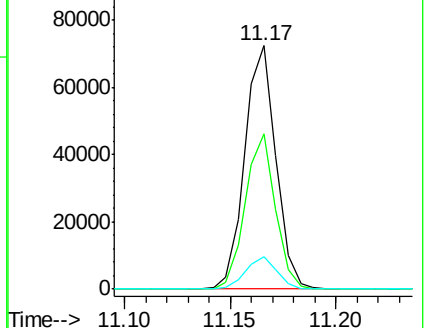
272 13.3 0.0 31.9

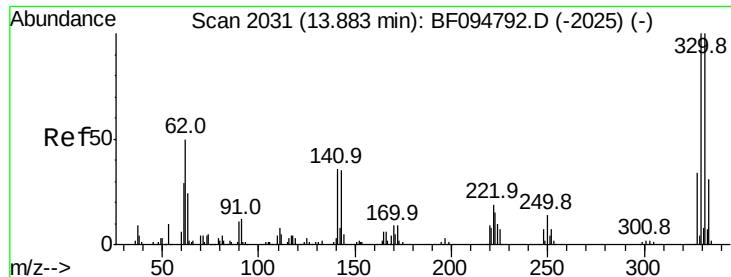


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

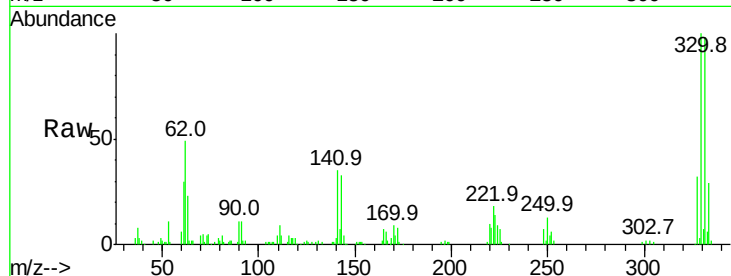




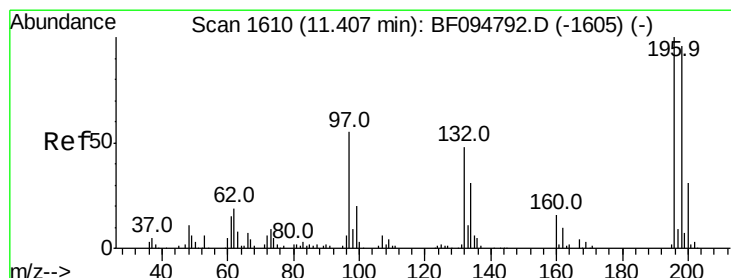
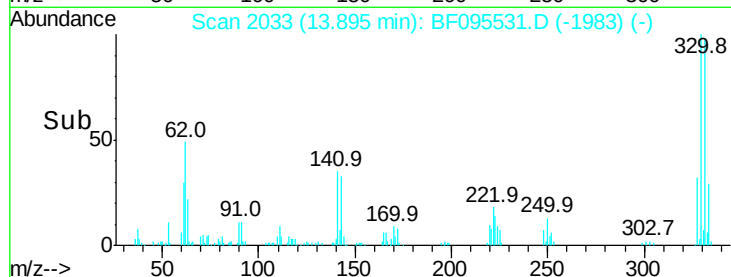
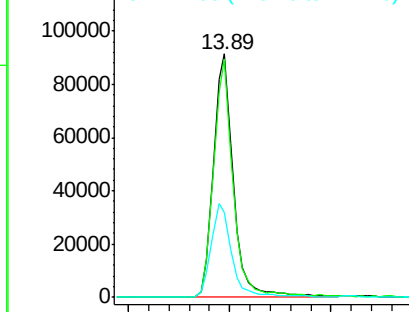
#41
 2,4,6-Tribromophenol
 Concen: 79.22 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 125249
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 39.6 31.4 47.2

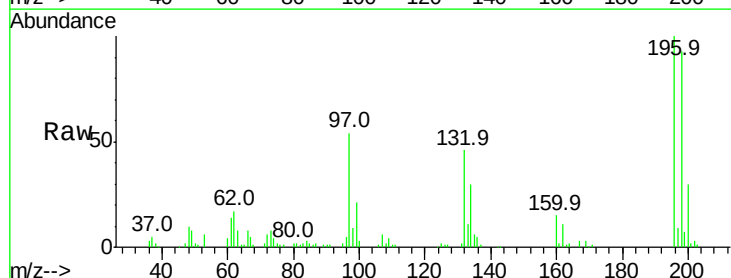


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

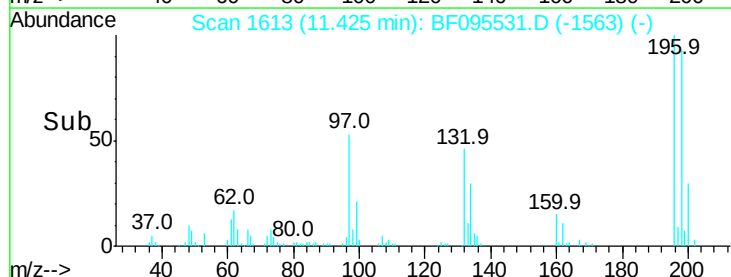
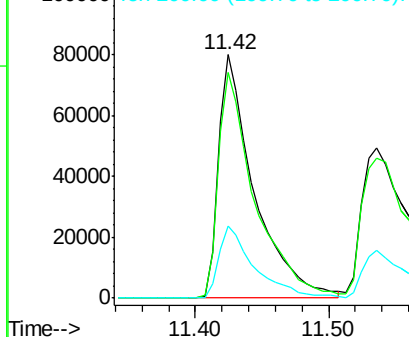


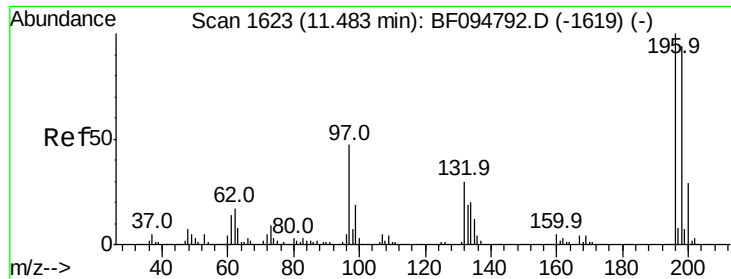
#42
 2,4,6-Trichlorophenol
 Concen: 37.97 ng
 RT: 11.42 min Scan# 1613
 Delta R.T. -0.01 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Tgt Ion:196 Resp: 150498
 Ion Ratio Lower Upper
 196 100
 198 92.5 74.2 111.4
 200 29.8 24.0 36.0



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

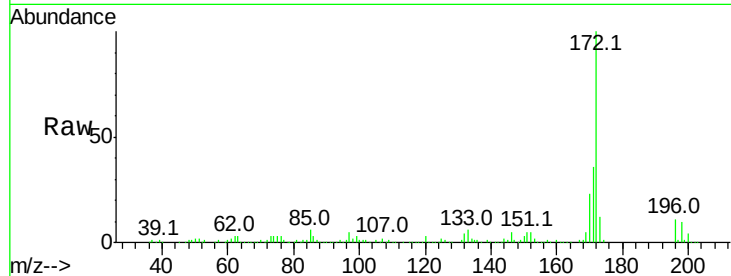




#43
 2,4,5-Trichlorophenol
 Concen: 35.17 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. 0.01 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	93.3	75.7	113.5
97	49.9	47.7	71.5
132	32.5	28.0	42.0



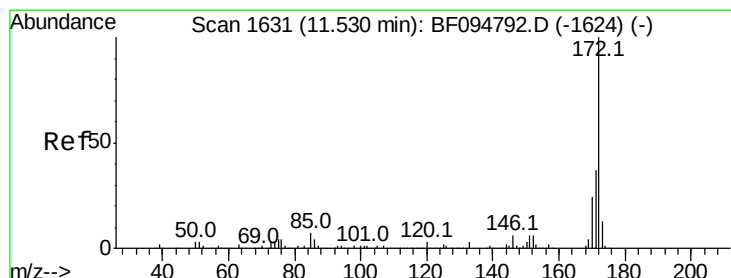
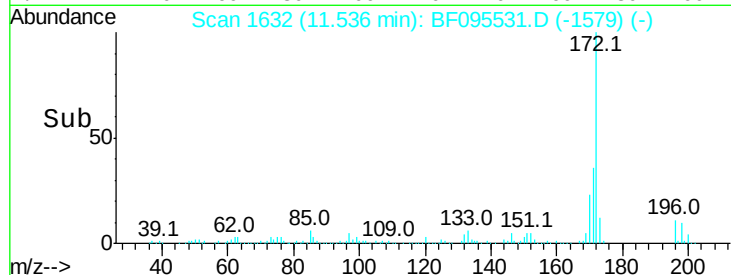
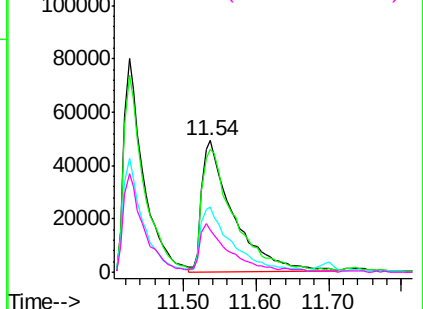
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

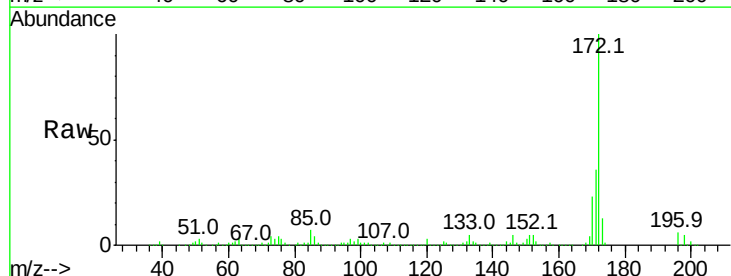
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 74.28 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.0	19.8	29.8

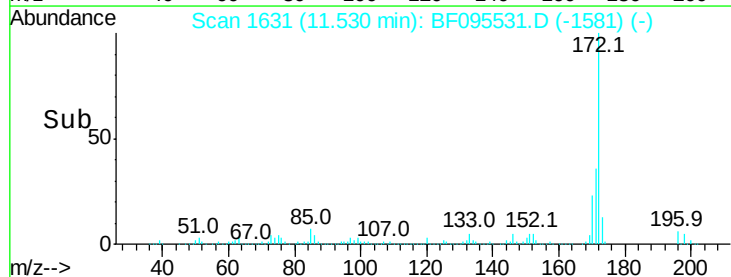
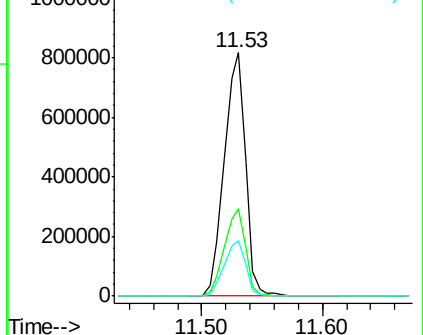


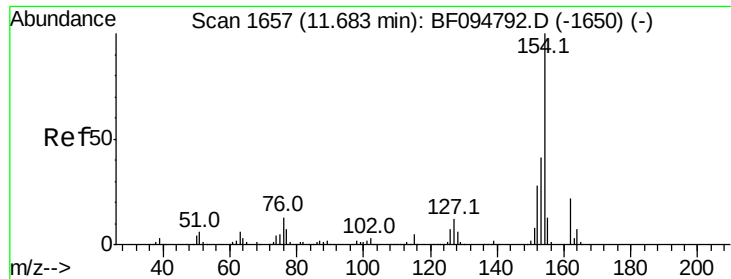
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

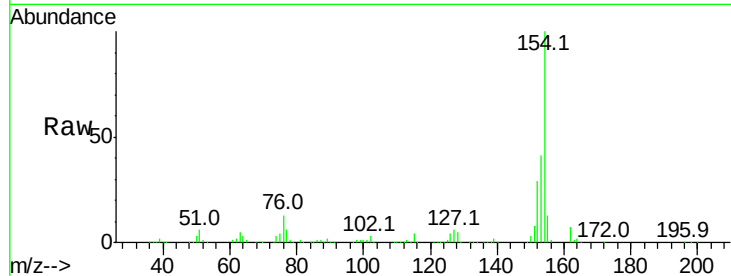




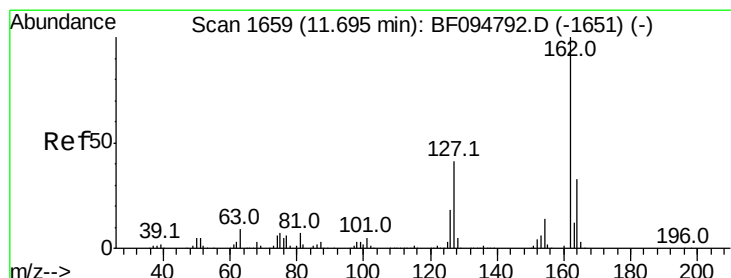
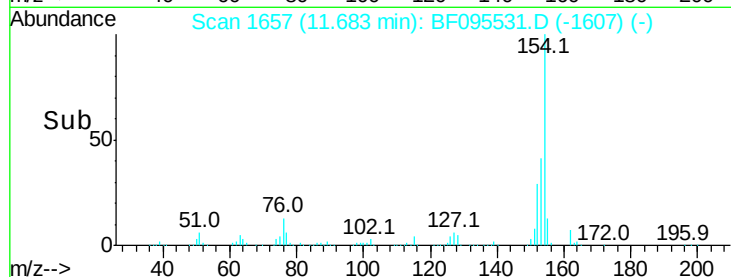
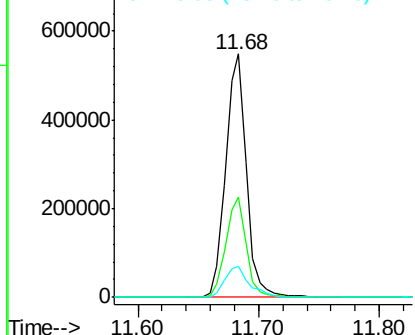
#45
 1,1'-Biphenyl
 Concen: 40.06 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.1	21.2	61.2
76	12.5	0.0	29.9

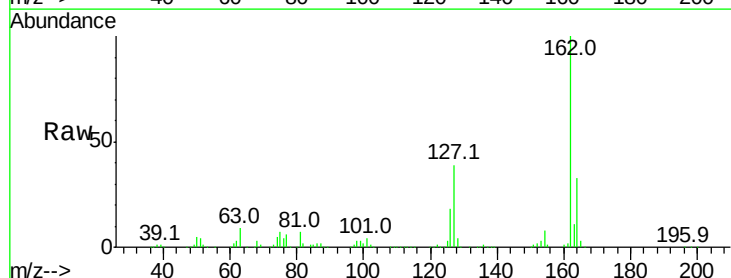


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

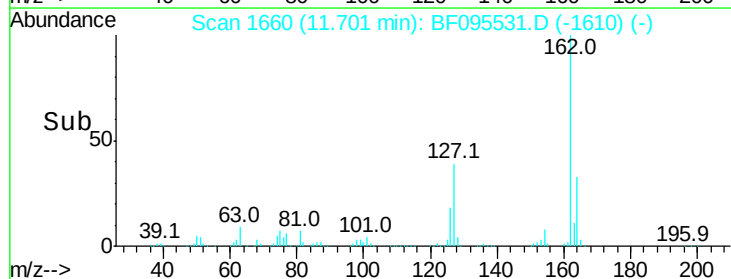
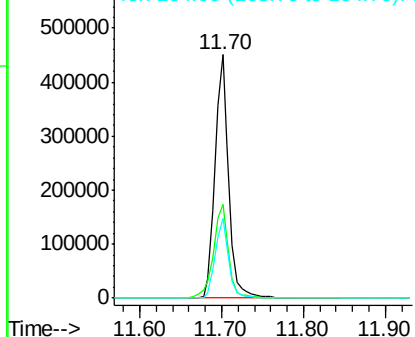


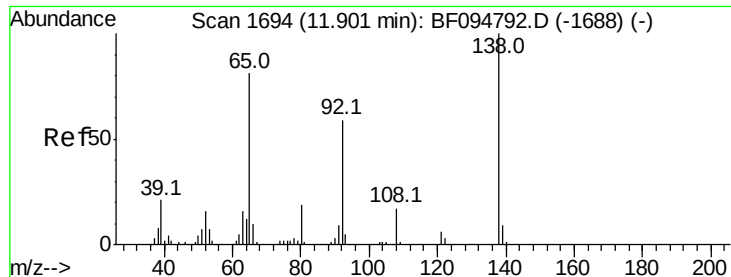
#46
 2-Chloronaphthalene
 Concen: 39.96 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.8	28.3	42.5
164	33.0	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

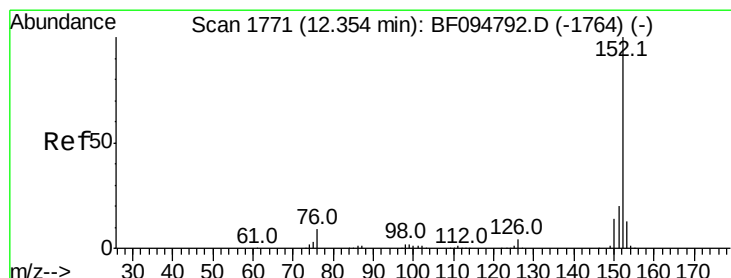
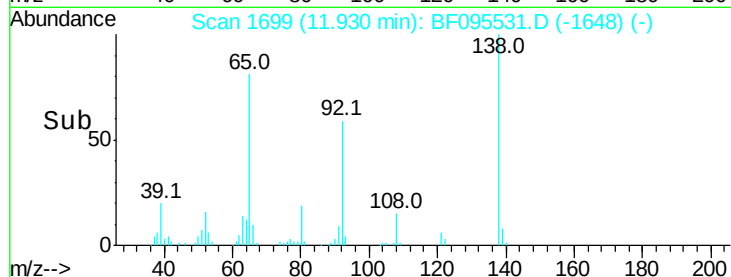
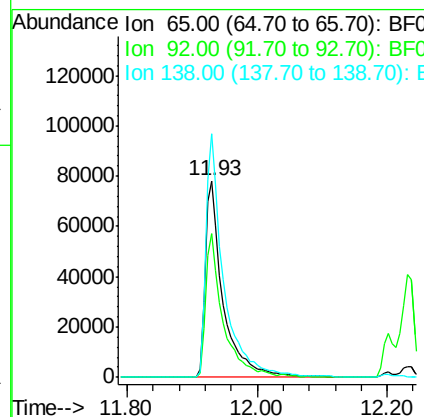
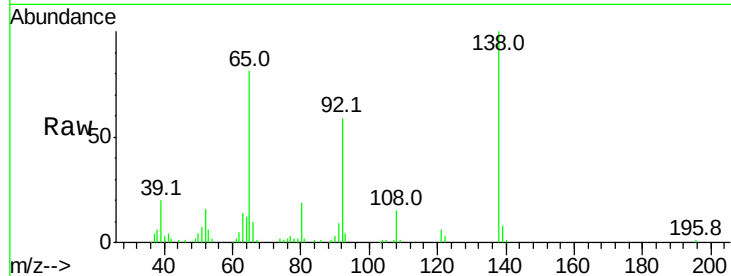




#47
2-Nitroaniline
Concen: 41.29 ng
RT: 11.93 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

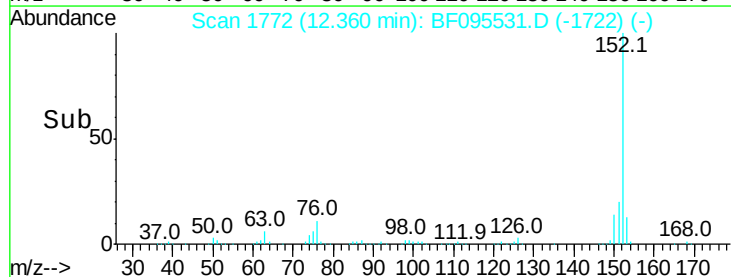
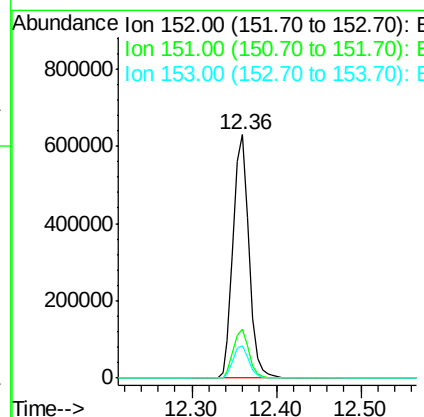
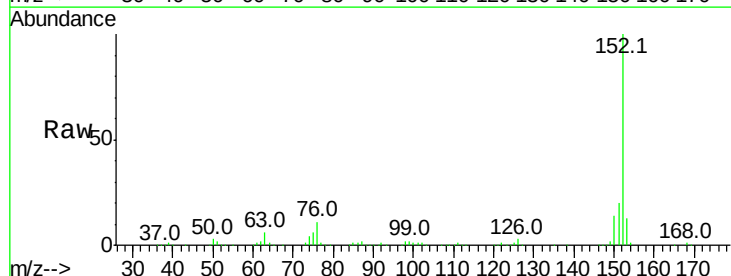
Instrument :
BNA_F
ClientSampleId :

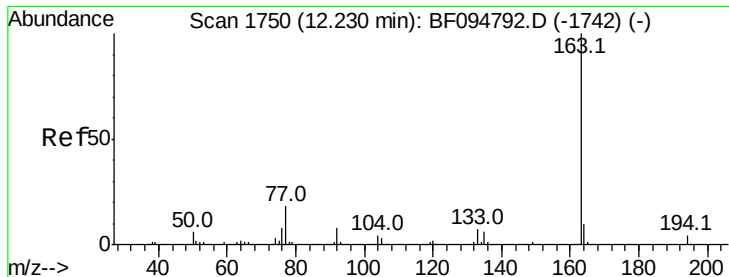
Tot Ion: 65 Resp: 148309
Ion Ratio Lower Upper
65 100
92 73.0 53.9 80.9
138 123.8 78.8 118.2#



#48
Acenaphthylene
Concen: 39.52 ng
RT: 12.36 min Scan# 1772
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

Tgt Ion: 152 Resp: 812363
Ion Ratio Lower Upper
152 100
151 20.0 16.8 25.2
153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 38.65 ng

RT: 12.24 min Scan# 1751

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Instrument :

BNA_F

ClientSampleId :

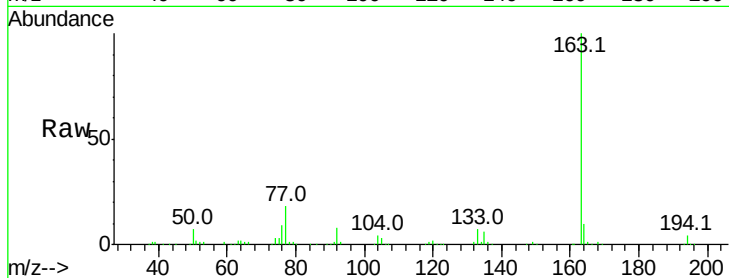
Tot Ion:163 Resp: 612515

Ion Ratio Lower Upper

163 100

194 3.7 2.6 4.0

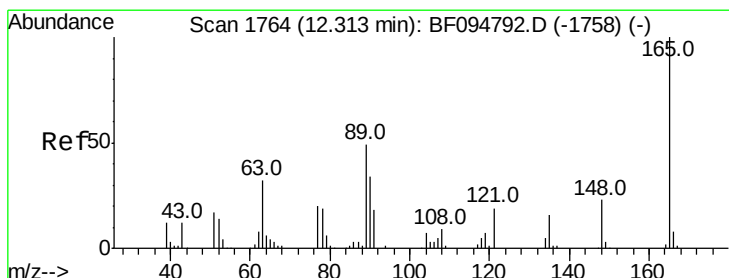
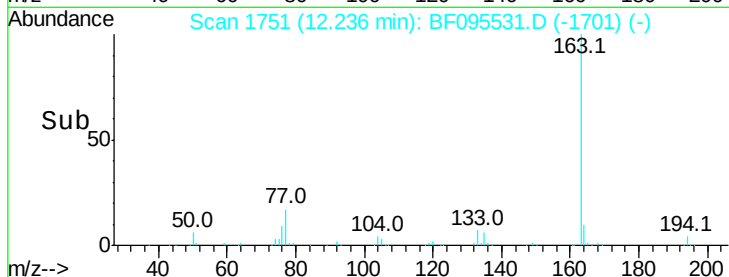
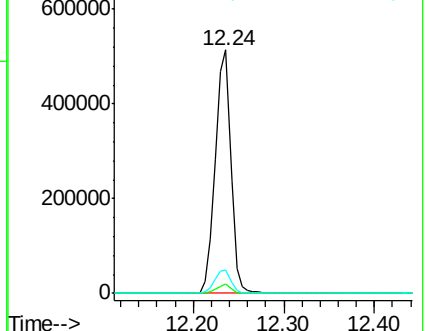
164 9.7 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 39.40 ng

RT: 12.33 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

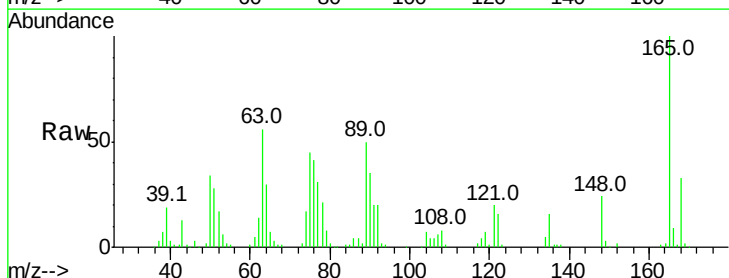
Tgt Ion:165 Resp: 127383

Ion Ratio Lower Upper

165 100

63 56.1 34.3 51.5#

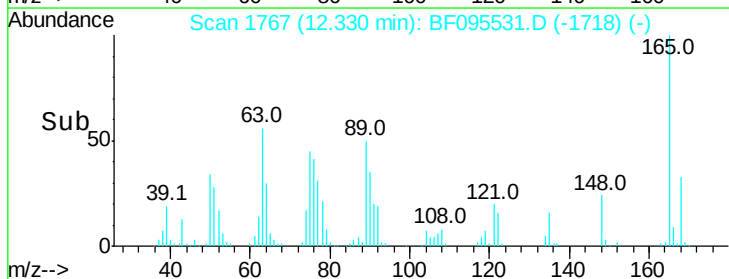
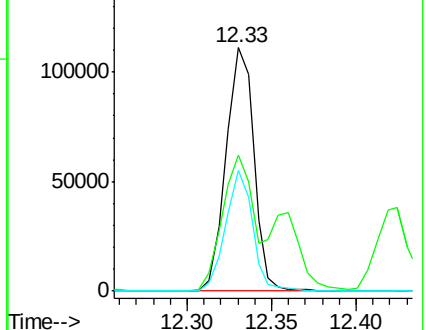
89 49.7 37.1 55.7

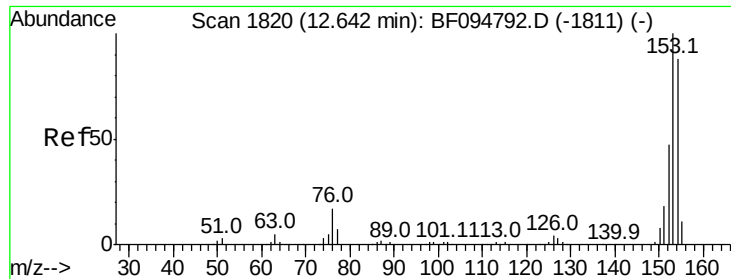


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.37 ng

RT: 12.64 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Instrument :

BNA_F

ClientSampleId :

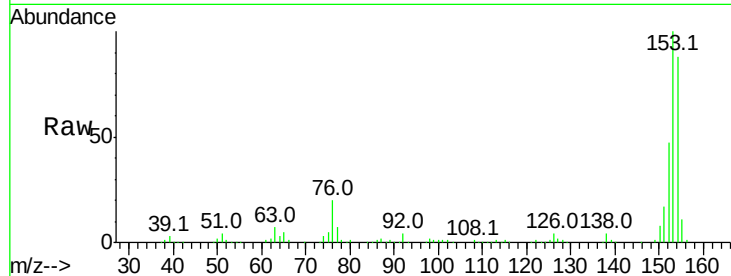
Tot Ion:154 Resp: 471156

Ion Ratio Lower Upper

154 100

153 113.2 90.5 135.7

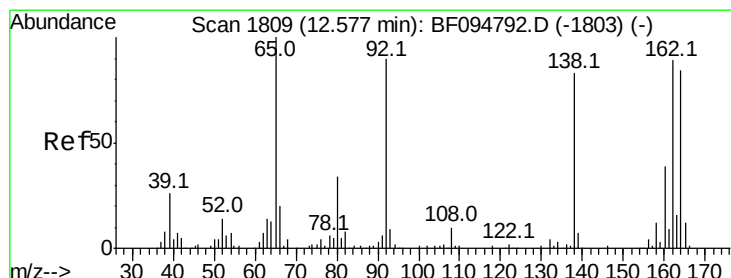
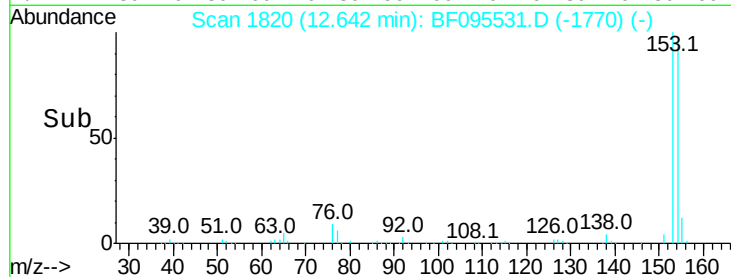
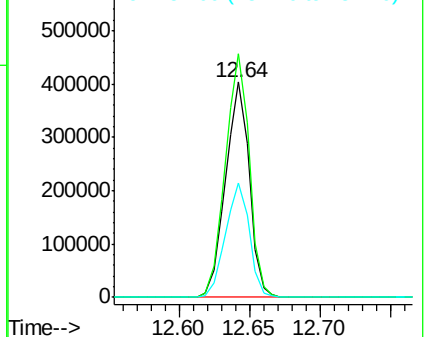
152 53.2 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 40.56 ng

RT: 12.61 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

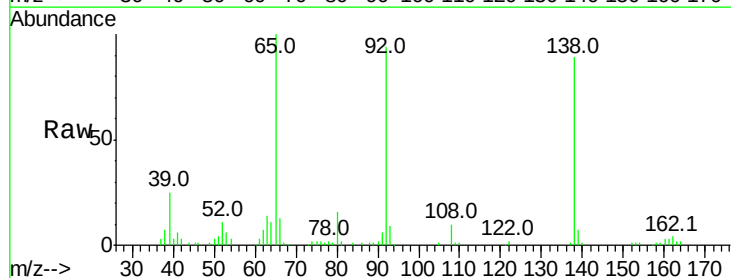
Tgt Ion:138 Resp: 140766

Ion Ratio Lower Upper

138 100

108 11.3 9.1 13.7

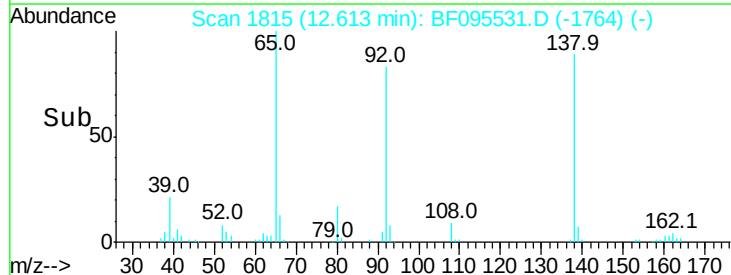
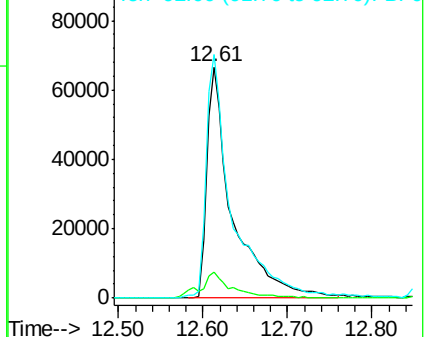
92 105.5 93.8 140.6

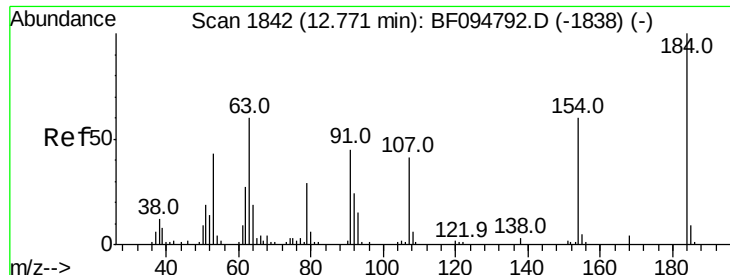


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0





#53

2,4-Dinitrophenol

Concen: 27.10 ng

RT: 12.86 min Scan# 1857

Delta R.T. 0.02 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Instrument :

BNA_F

ClientSampled :

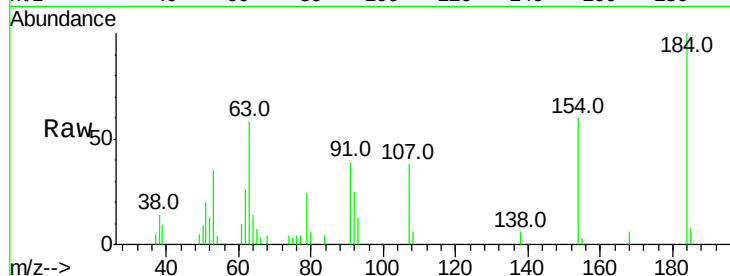
Tot Ion:184 Resp: 40281

Ion Ratio Lower Upper

184 100

63 58.2 62.7 94.1#

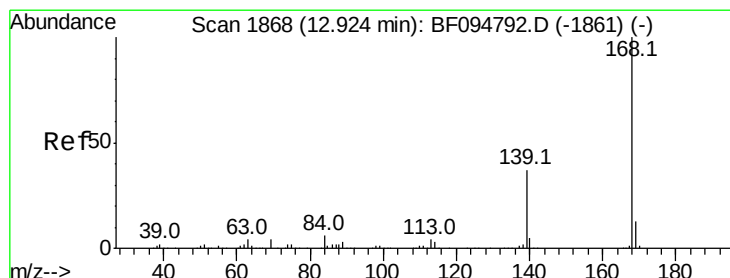
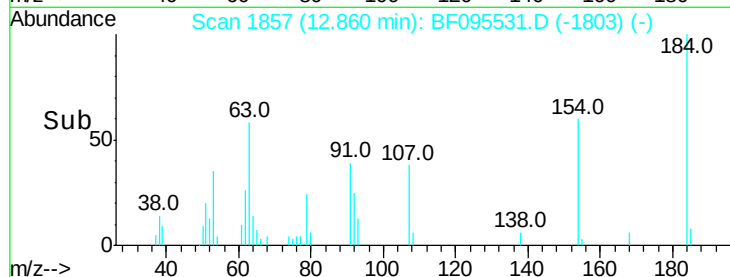
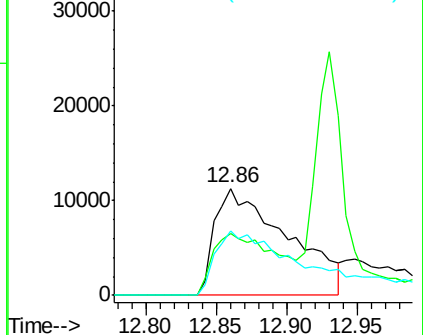
154 59.8 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 40.28 ng

RT: 12.93 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

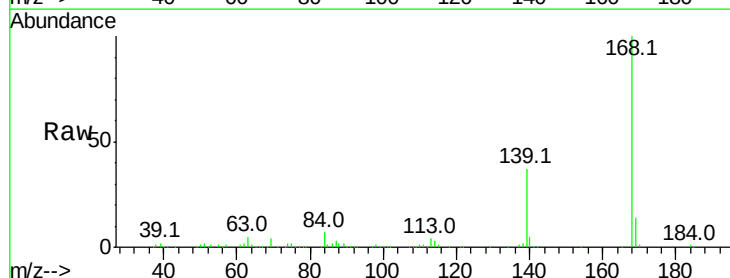
Tgt Ion:168 Resp: 684500

Ion Ratio Lower Upper

168 100

139 36.8 30.6 45.8

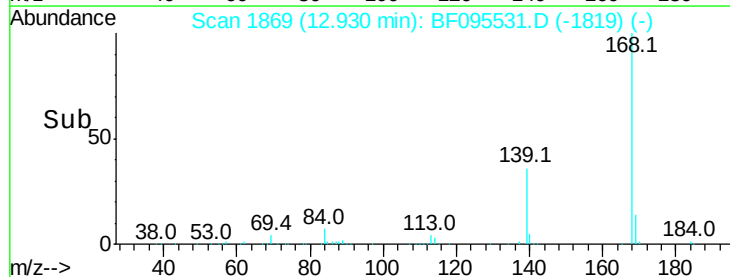
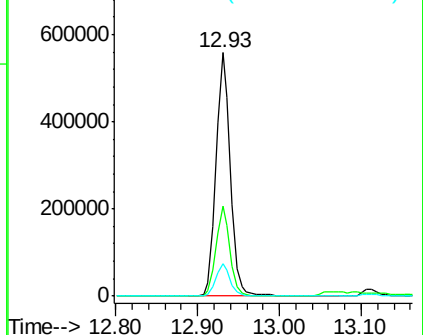
169 13.5 10.8 16.2

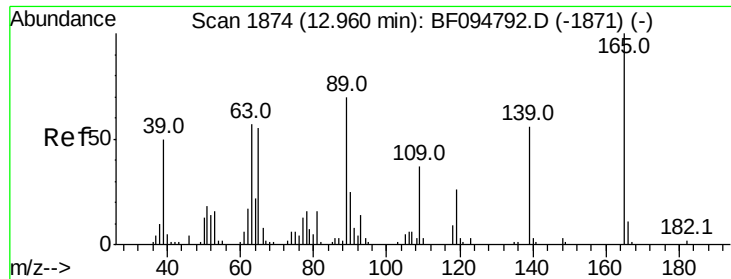


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

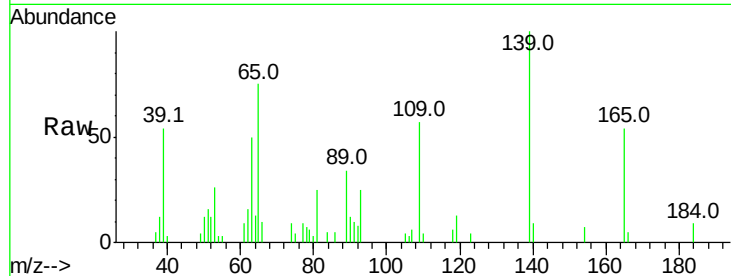




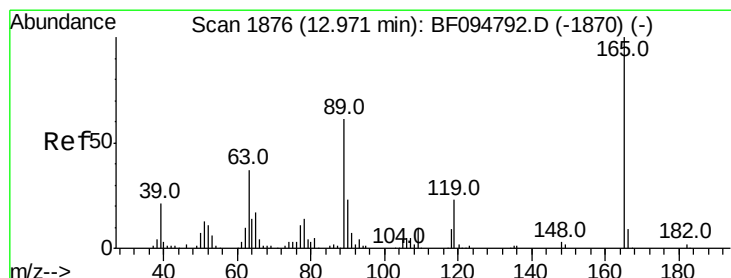
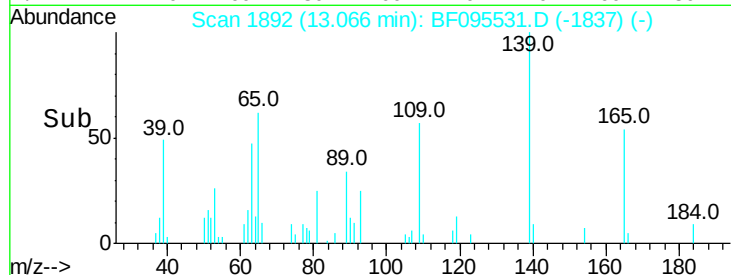
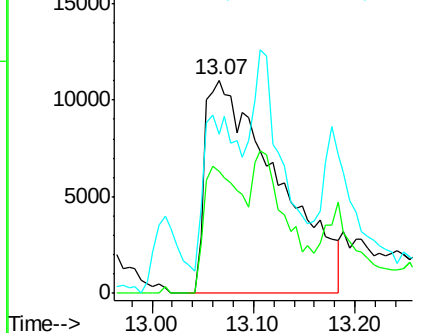
#55
4-Nitrophenol
Concen: 26.21 ng
RT: 13.07 min Scan# 1892
Delta R.T. 0.02 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 54639
Ion Ratio Lower Upper
139 100
109 57.4 34.1 74.1
65 74.5 31.4 71.4#

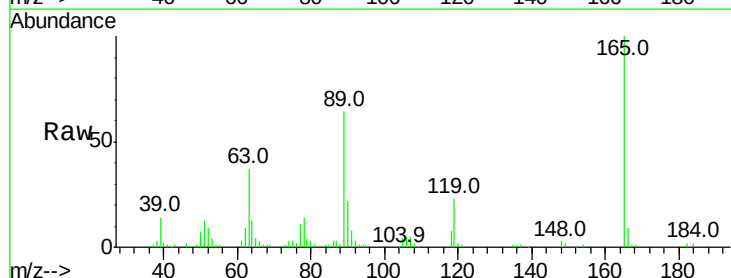


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

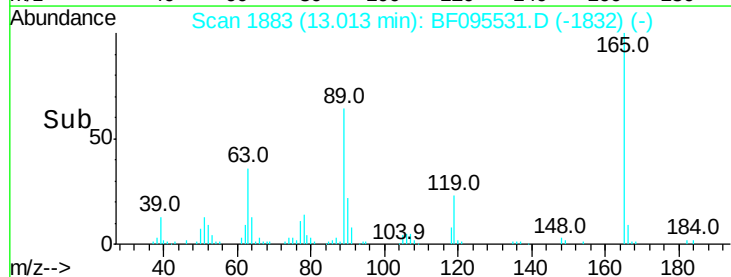
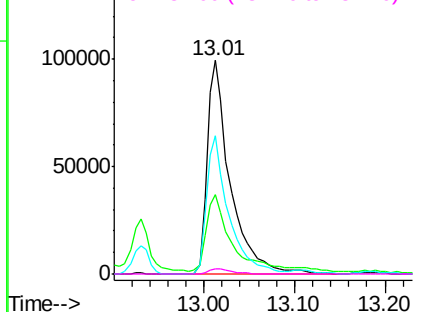


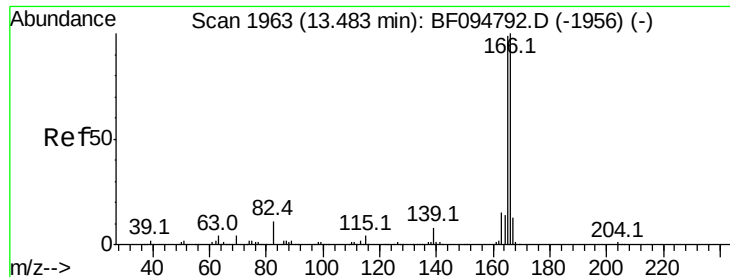
#56
2,4-Dinitrotoluene
Concen: 42.35 ng
RT: 13.01 min Scan# 1883
Delta R.T. 0.00 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

Tgt Ion:165 Resp: 175942
Ion Ratio Lower Upper
165 100
63 37.0 25.4 38.0
89 64.4 46.4 69.6
182 2.4 1.8 2.6



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





#57

Fluorene

Concen: 38.37 ng

RT: 13.48 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Instrument :

BNA_F

ClientSampleId :

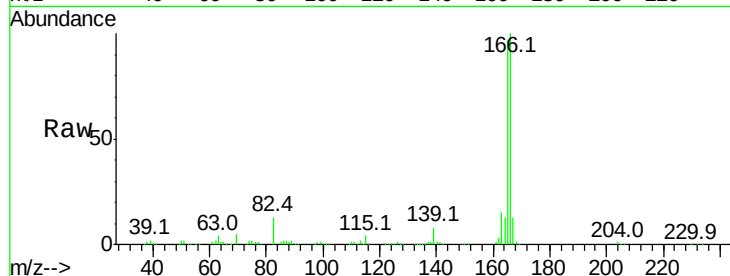
Tot Ion:166 Resp: 566854

Ion Ratio Lower Upper

166 100

165 97.2 78.8 118.2

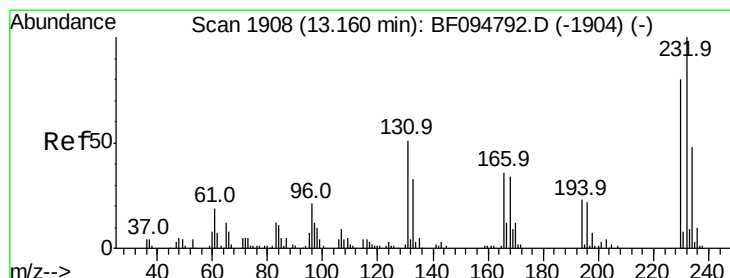
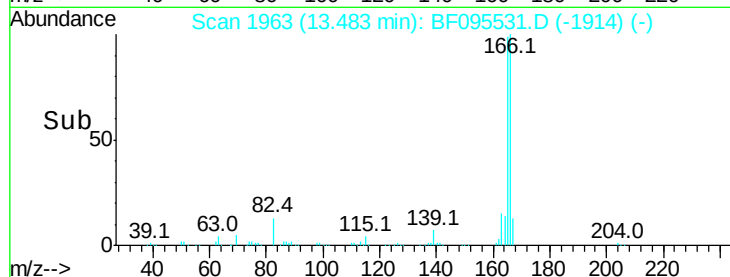
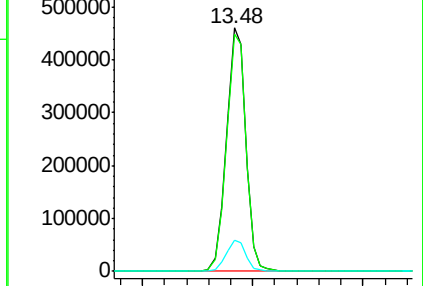
167 13.0 10.6 16.0



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: 35.98 ng

RT: 13.18 min Scan# 1912

Delta R.T. 0.00 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Tgt Ion:232 Resp: 96465

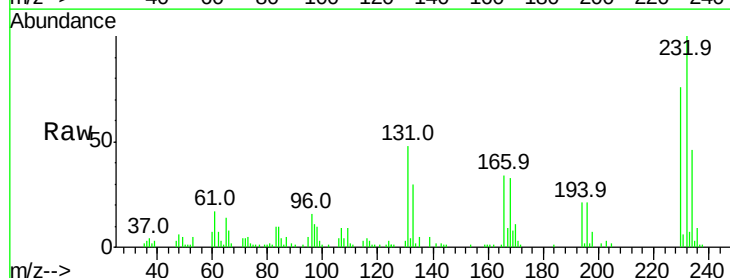
Ion Ratio Lower Upper

232 100

131 54.8 44.8 67.2

130 2.1 2.3 3.5#

166 27.9 29.0 43.4#

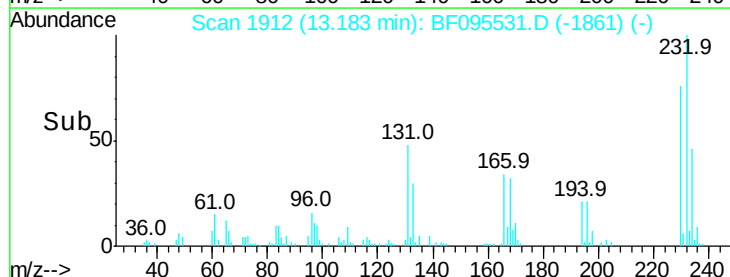
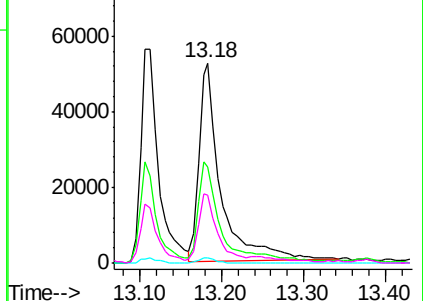


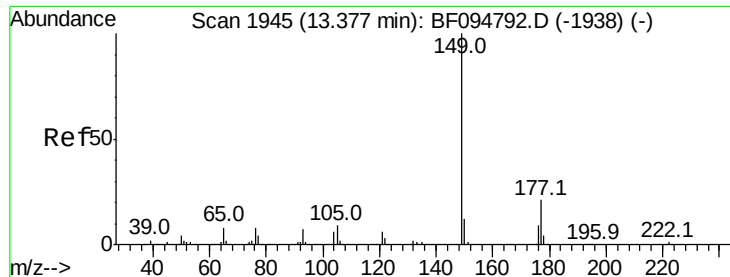
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

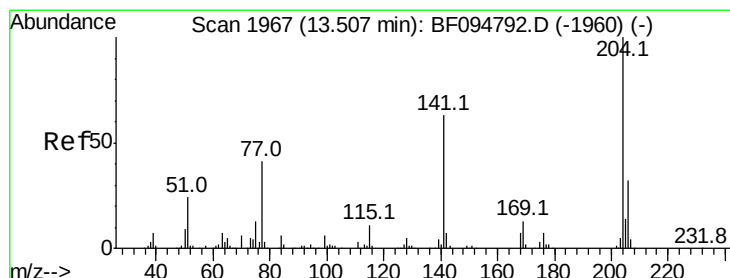
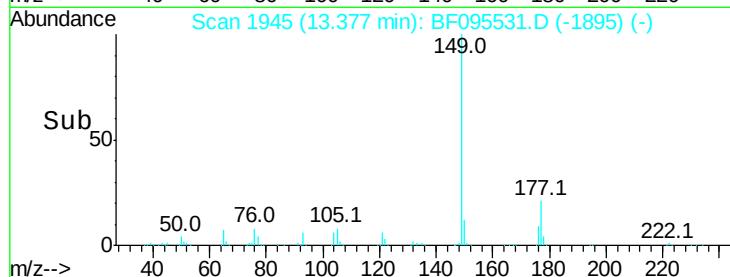
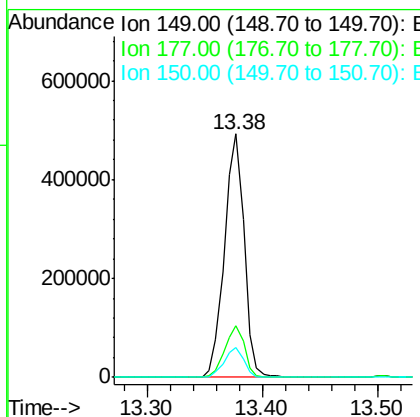
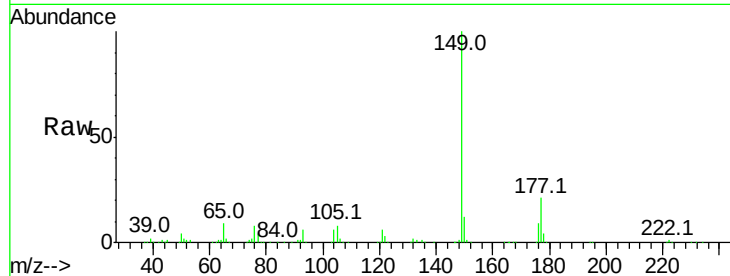




#59
Diethylphthalate
Concen: 38.28 ng
RT: 13.38 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

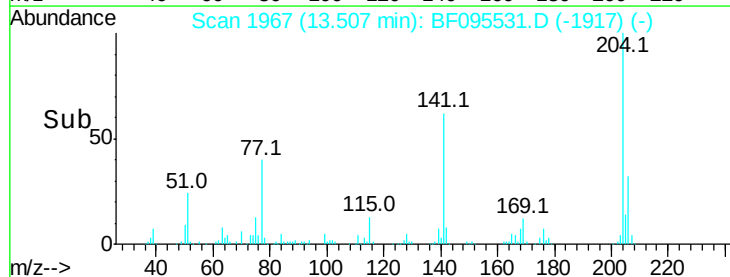
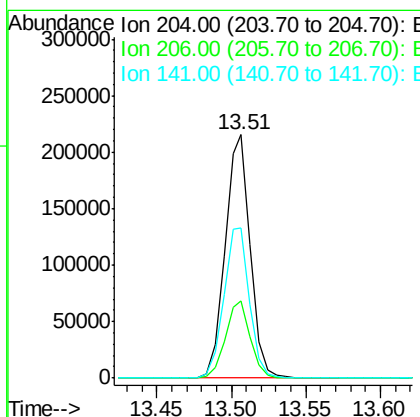
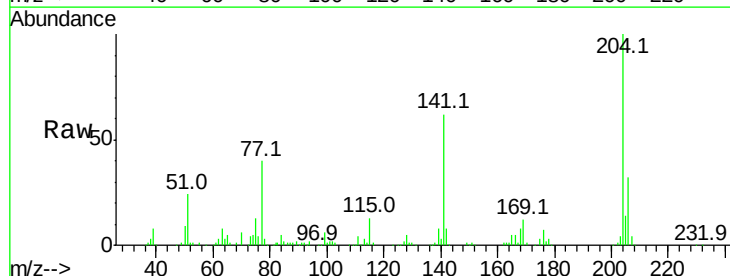
Instrument :
BNA_F
ClientSampleId :

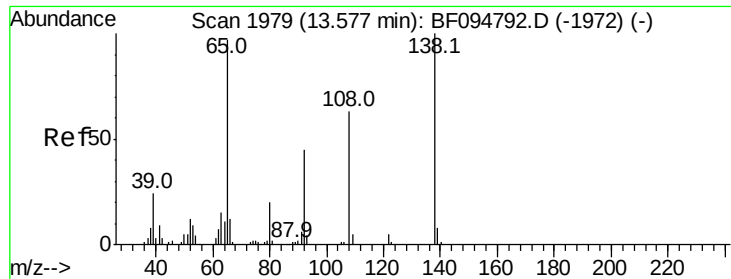
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.0	16.7	25.1
150	12.1	10.2	15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.06 ng
RT: 13.51 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.5	26.2	39.2
141	61.5	60.8	91.2

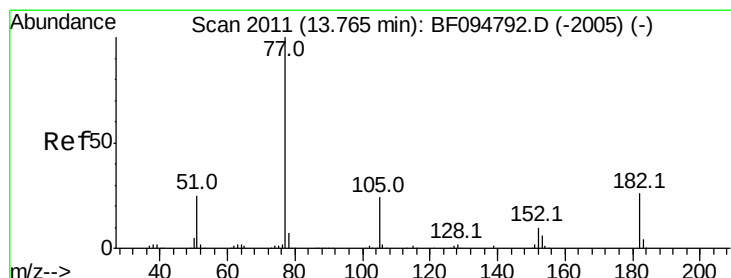
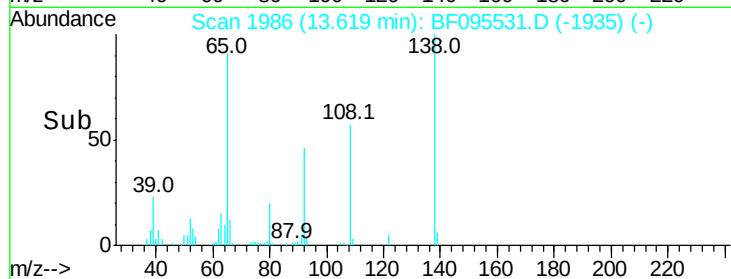
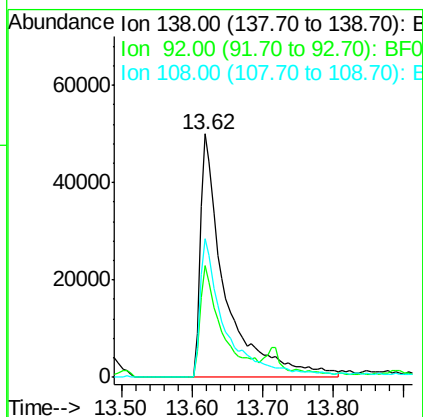
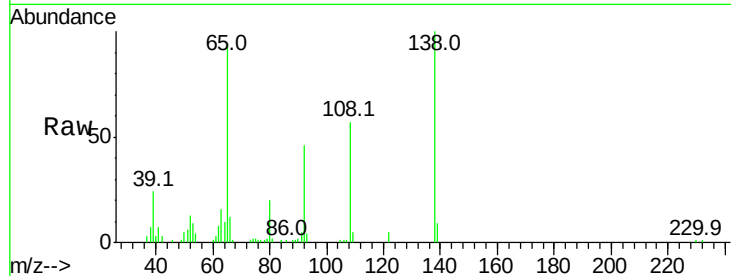




#61
4-Nitroaniline
Concen: 38.73 ng
RT: 13.62 min Scan# 1986
Delta R.T. 0.00 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

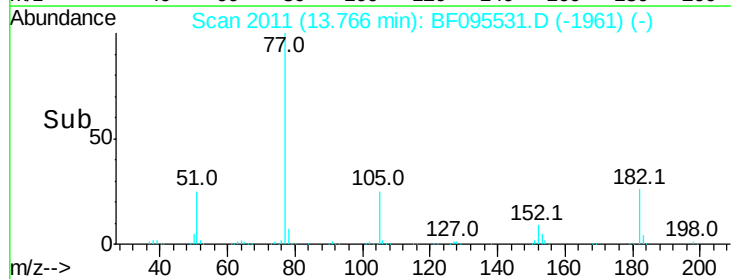
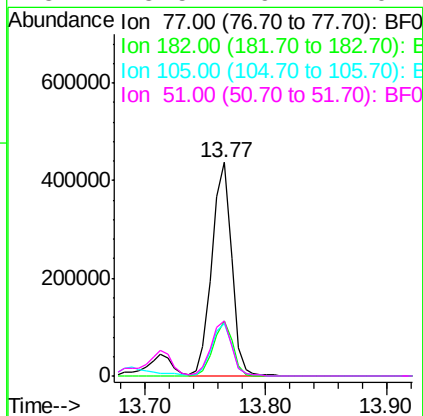
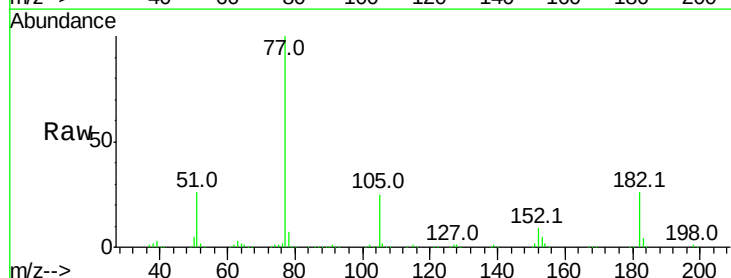
Instrument :
BNA_F
ClientSampleId :

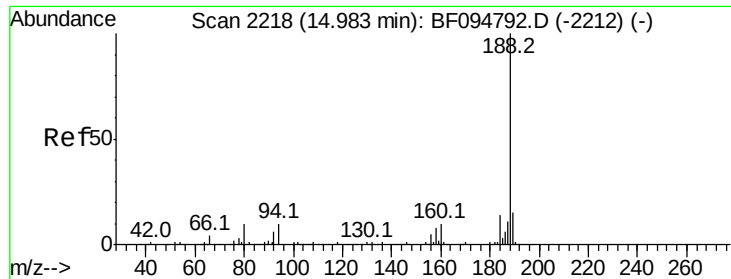
Tot Ion:138 Resp: 123399
Ion Ratio Lower Upper
138 100
92 45.8 21.8 61.8
108 56.7 42.3 82.3



#62
Azobenzene
Concen: 40.22 ng
RT: 13.77 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

Tgt Ion: 77 Resp: 490991
Ion Ratio Lower Upper
77 100
182 26.0 0.1 40.1
105 24.8 3.6 43.6
51 25.5 9.4 49.4

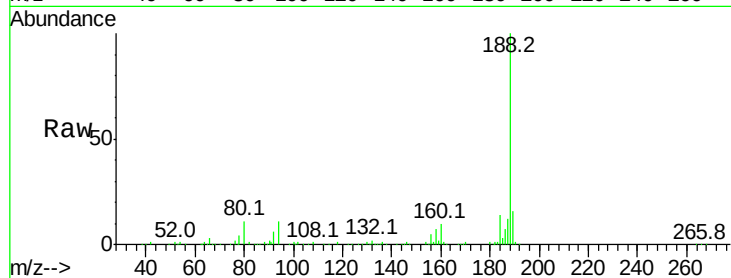




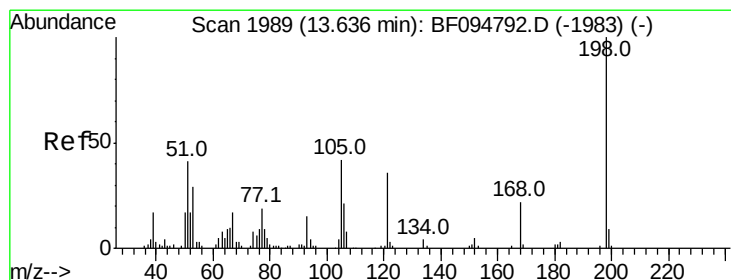
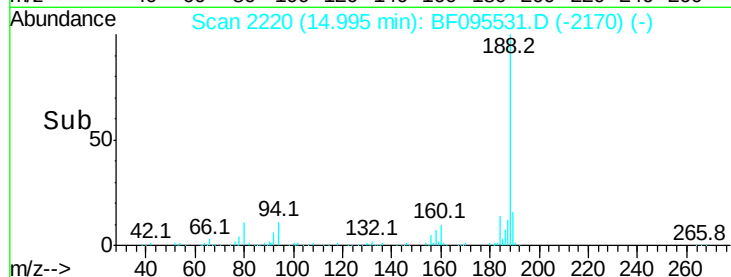
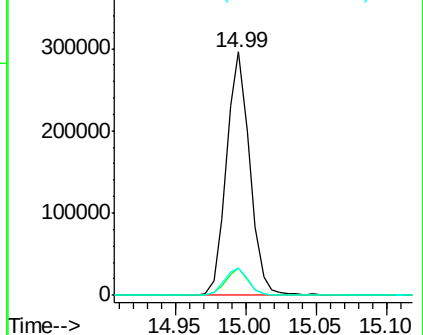
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.99 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	11.3	10.2	15.2

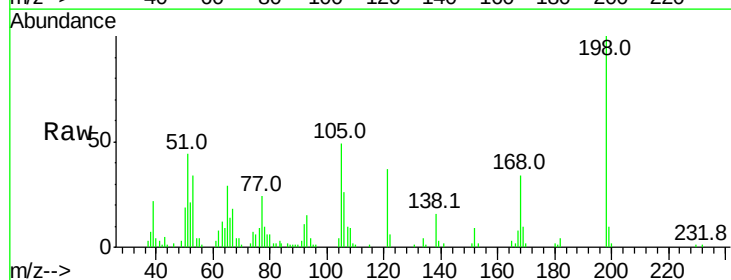


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

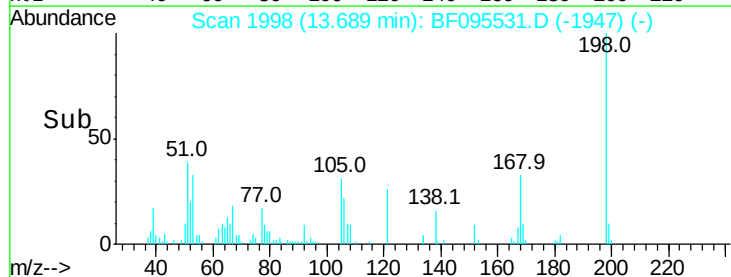
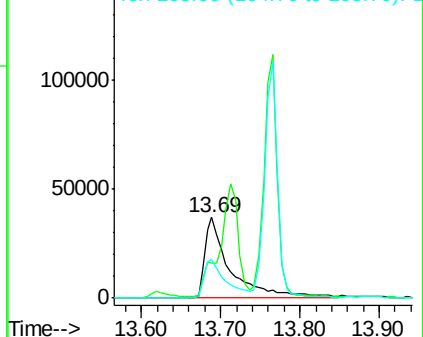


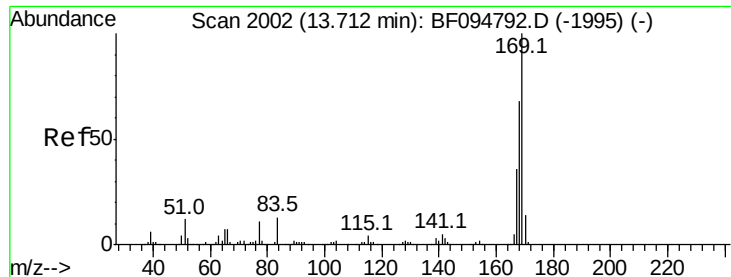
#64
 4,6-Dinitro-2-methylphenol
 Concen: 36.91 ng
 RT: 13.69 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Tgt Ion	Ratio	Lower	Upper
198	100		
51	44.1	53.2	93.2#
105	48.7	45.8	85.8



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

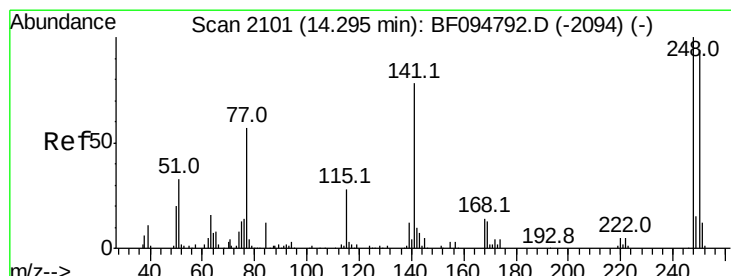
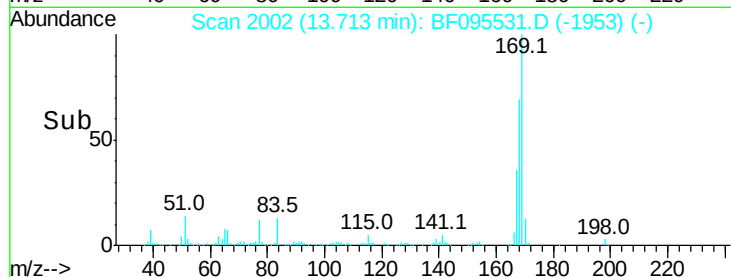
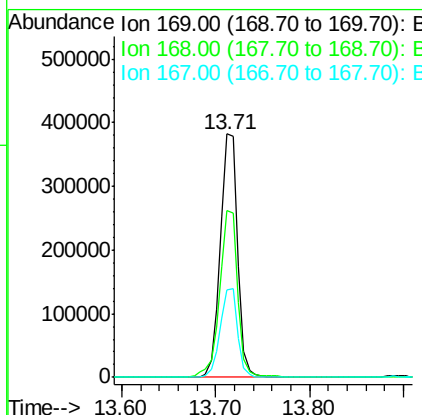
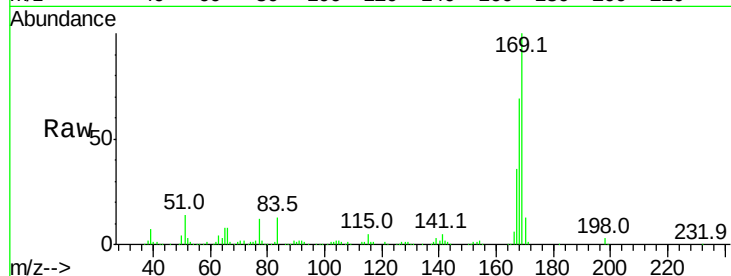




#65
n-Nitrosodiphenylamine
Concen: 40.14 ng
RT: 13.71 min Scan# 2002
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

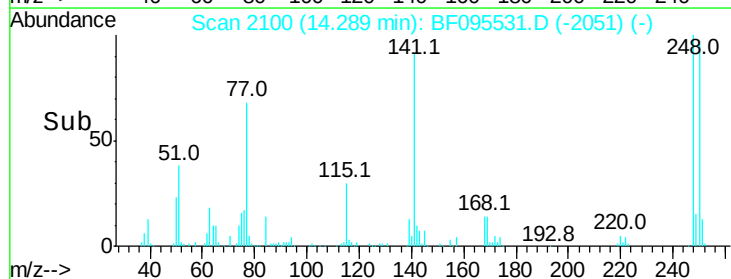
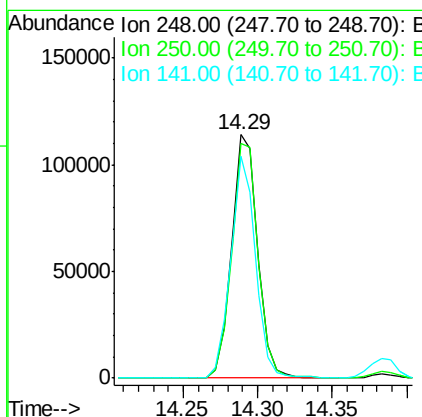
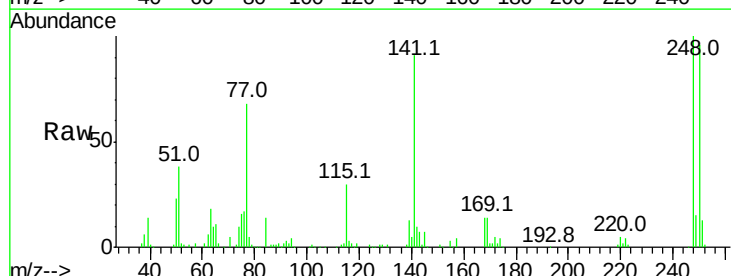
Instrument :
BNA_F
ClientSampleId :

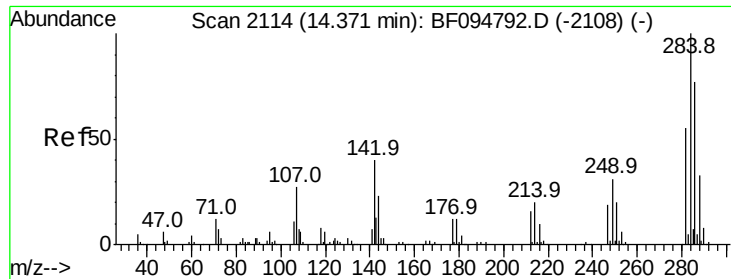
Tot Ion:169 Resp: 493236
Ion Ratio Lower Upper
169 100
168 68.7 53.2 79.8
167 36.0 29.5 44.3



#66
4-Bromophenyl-phenylether
Concen: 39.00 ng
RT: 14.29 min Scan# 2100
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

Tgt Ion:248 Resp: 139517
Ion Ratio Lower Upper
248 100
250 96.4 76.8 115.2
141 91.0 68.6 103.0

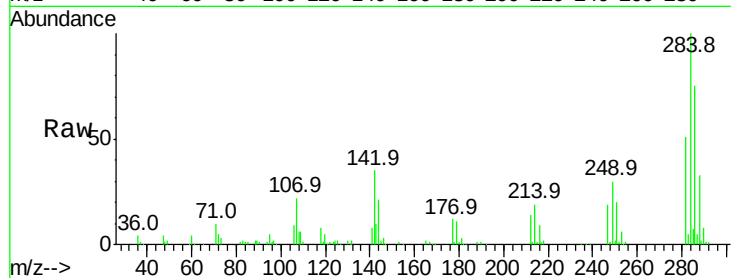




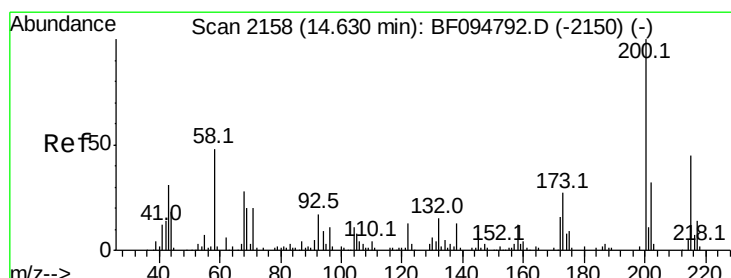
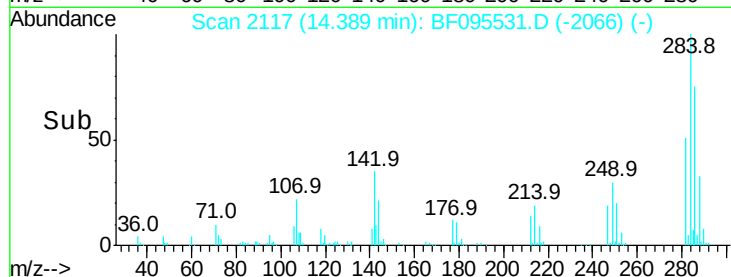
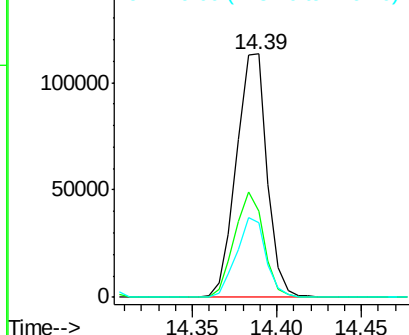
#67
Hexachlorobenzene
Concen: 39.35 ng
RT: 14.39 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	35.3	22.8	34.2#
249	30.5	24.0	36.0

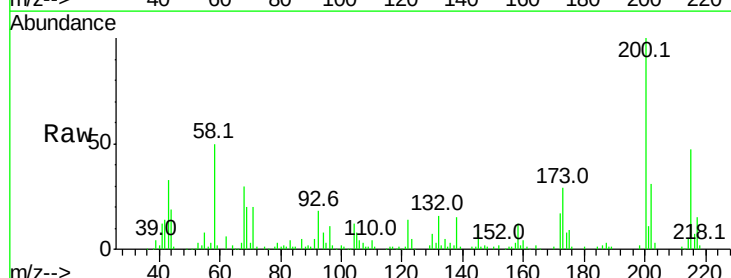


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

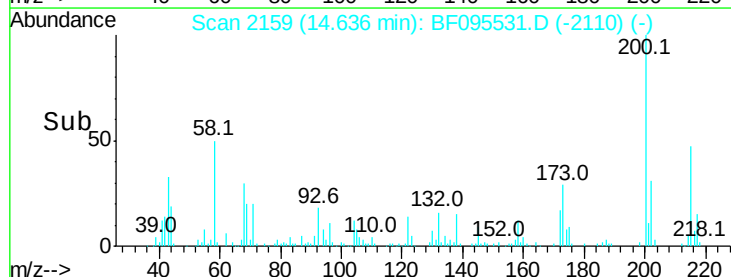
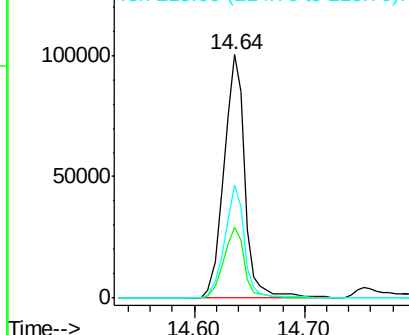


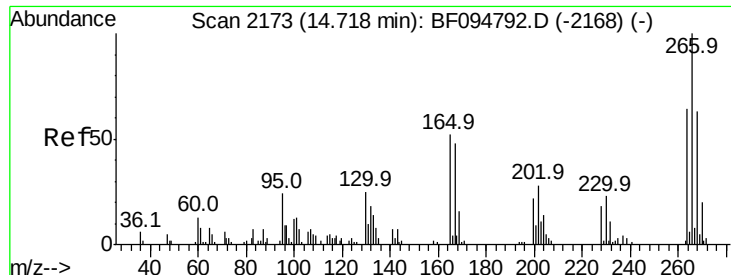
#68
Atrazine
Concen: 38.49 ng
RT: 14.64 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

Tgt Ion	Ratio	Lower	Upper
200	100		
173	29.1	6.3	46.3
215	46.6	27.2	67.2



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

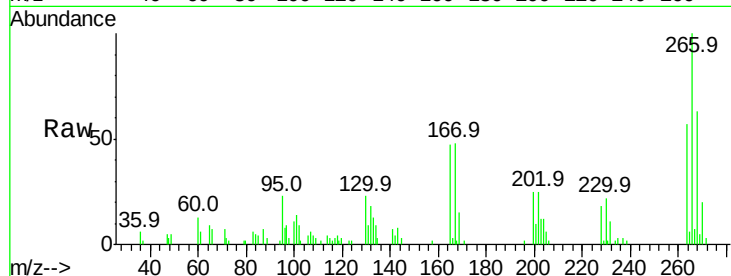




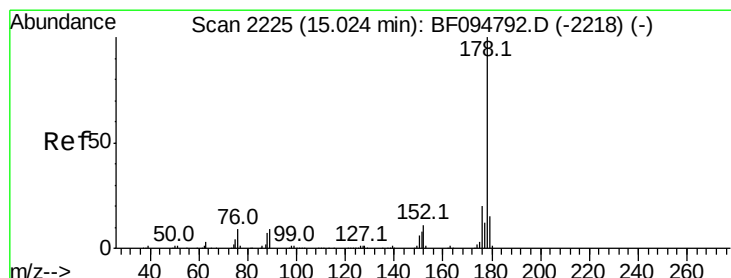
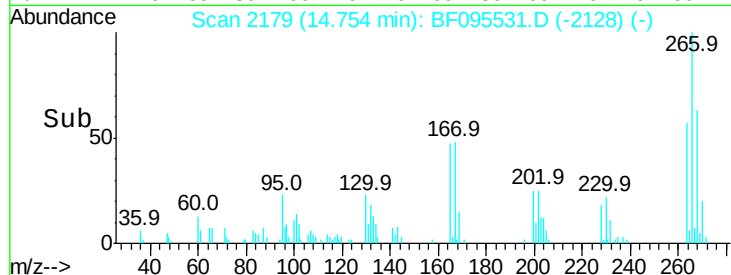
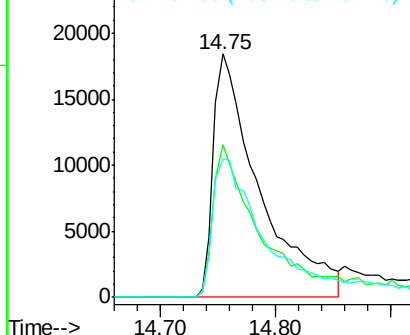
#69
 Pentachlorophenol
 Concen: 34.60 ng
 RT: 14.75 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 51401
 Ion Ratio Lower Upper
 266 100
 268 63.0 51.1 76.7
 264 56.7 51.7 77.5

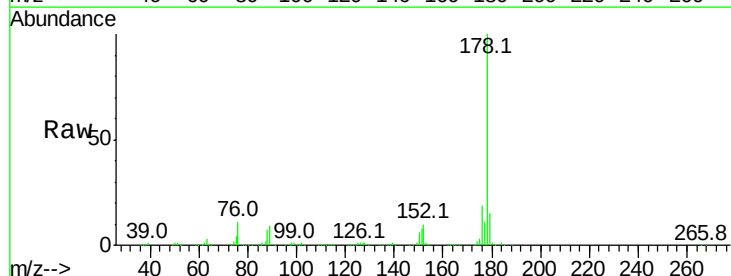


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

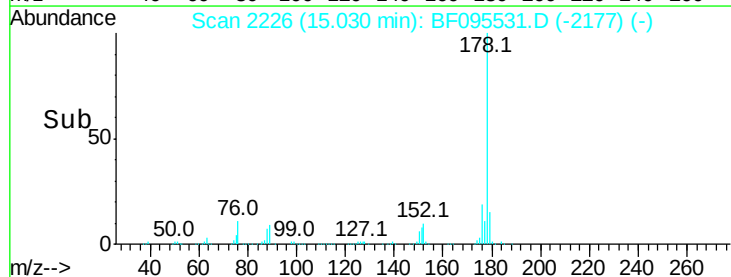
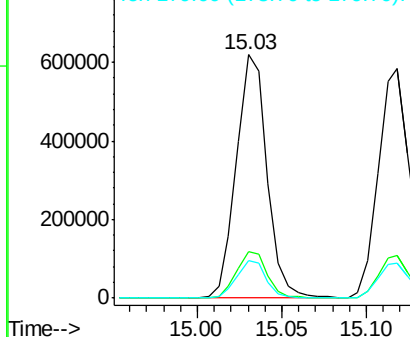


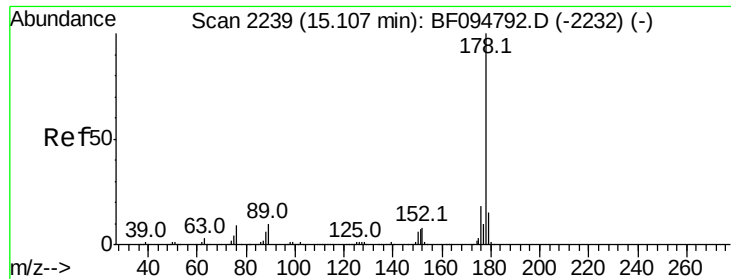
#70
 Phenanthrene
 Concen: 40.41 ng
 RT: 15.03 min Scan# 2226
 Delta R.T. -0.01 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Tgt Ion:178 Resp: 786131
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 15.5 12.6 19.0



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

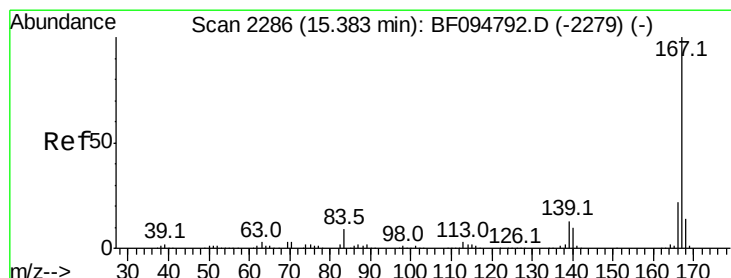
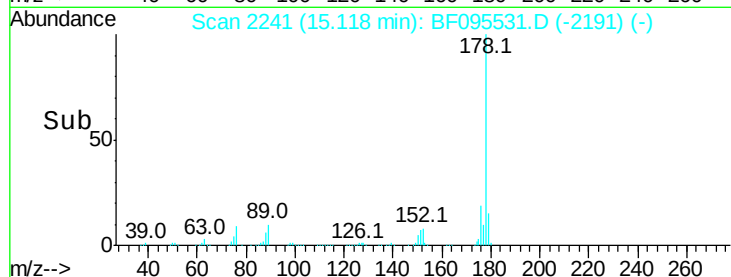
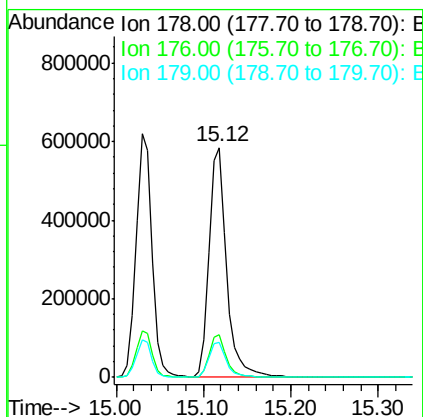
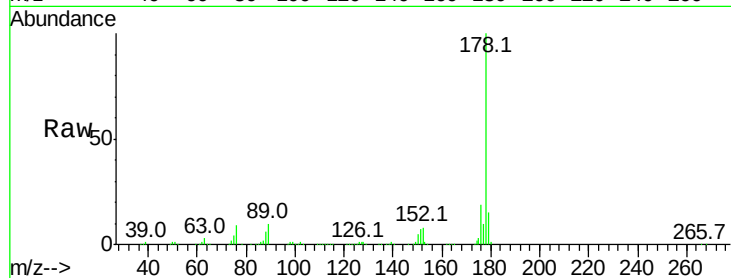




#71
 Anthracene
 Concen: 41.01 ng
 RT: 15.12 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

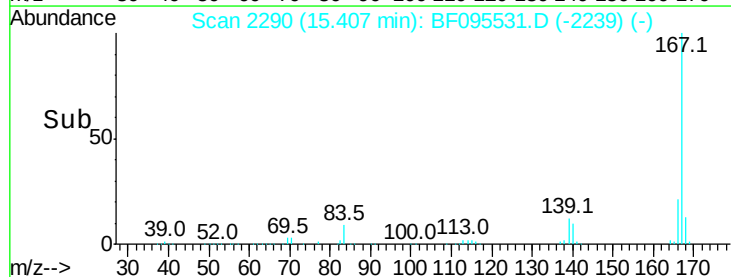
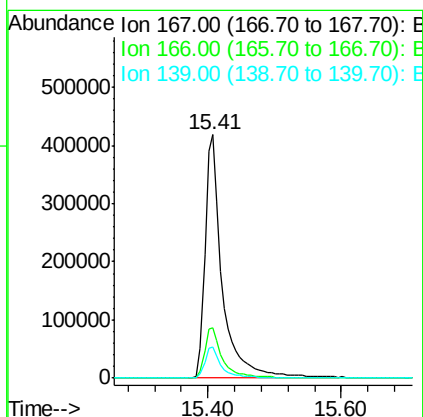
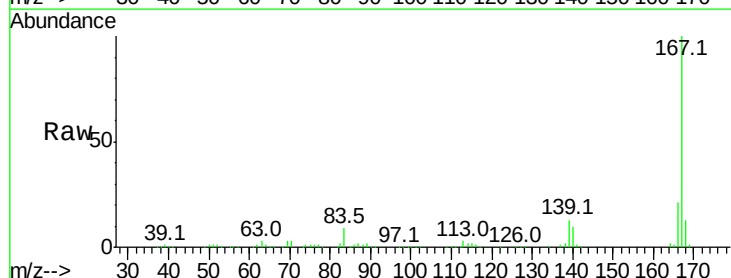
Instrument :
 BNA_F
 ClientSampleId :

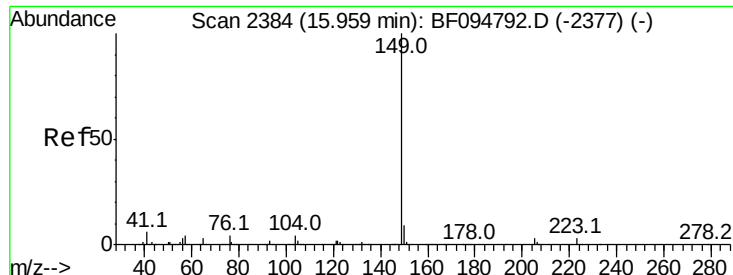
Tot Ion:178 Resp: 815029
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.5 12.7 19.1



#72
 Carbazole
 Concen: 41.33 ng
 RT: 15.41 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Tgt Ion:167 Resp: 747226
 Ion Ratio Lower Upper
 167 100
 166 20.8 18.1 27.1
 139 12.9 11.7 17.5





#73

Di-n-butylphthalate

Concen: 41.94 ng

RT: 15.95 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Instrument :

BNA_F

ClientSampled :

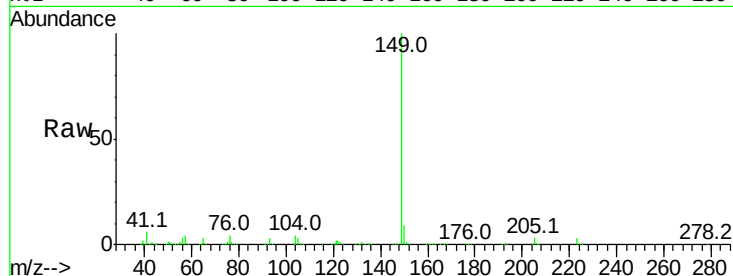
Tot Ion:149 Resp: 945702

Ion Ratio Lower Upper

149 100

150 9.4 7.7 11.5

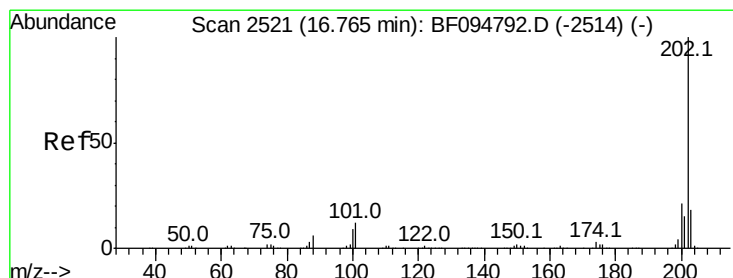
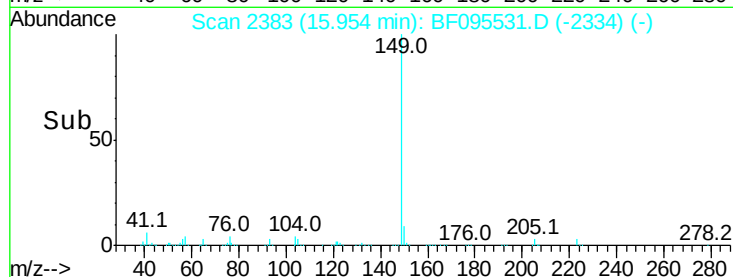
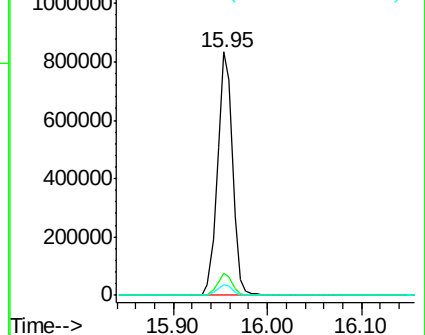
104 4.4 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 41.23 ng

RT: 16.78 min Scan# 2523

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

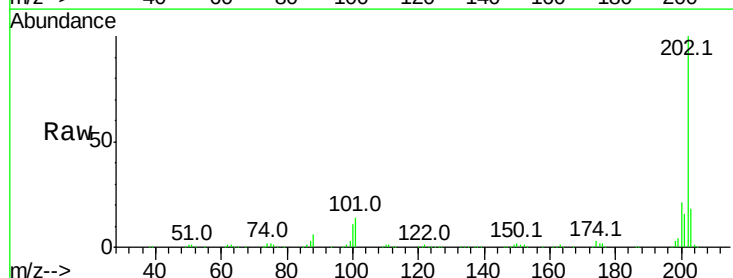
Tgt Ion:202 Resp: 822726

Ion Ratio Lower Upper

202 100

101 14.2 0.0 33.2

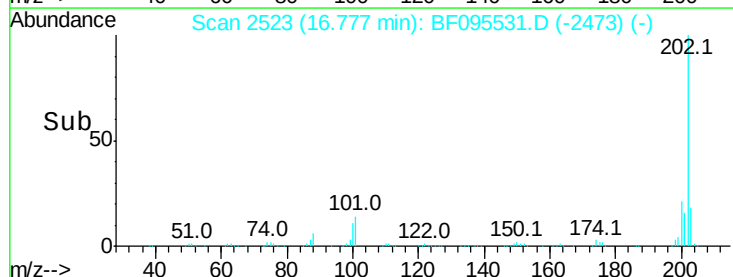
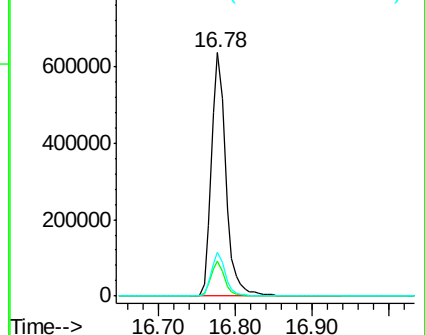
203 17.9 0.0 38.1

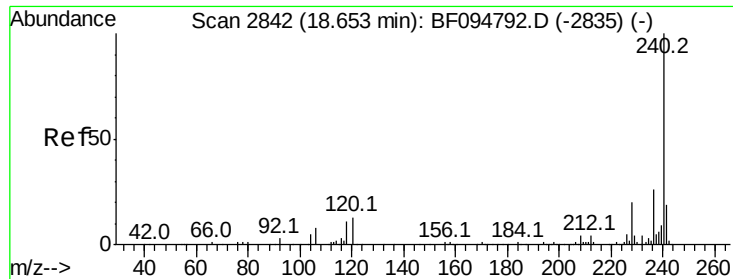


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

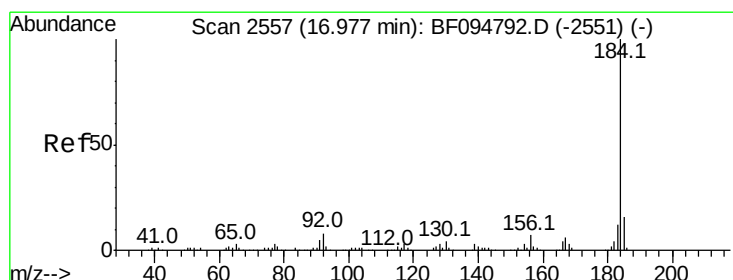
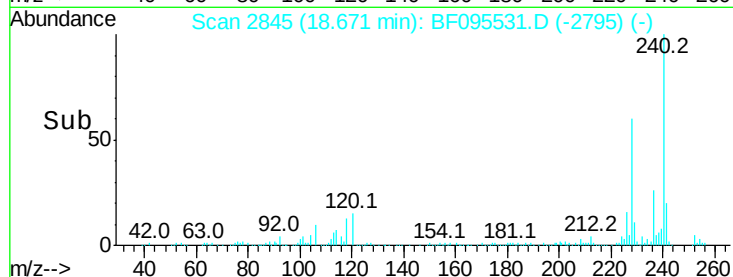
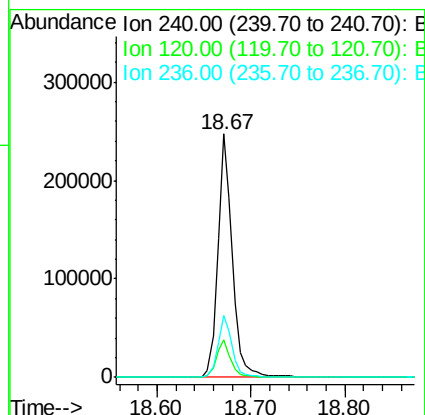
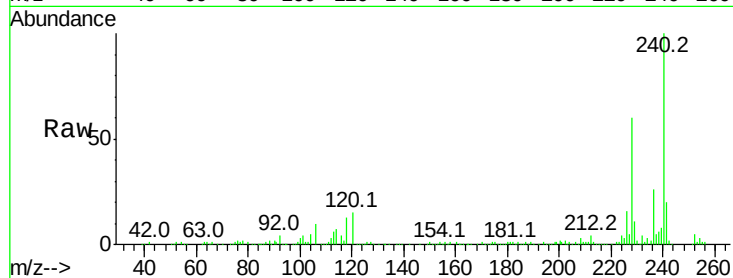




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.67 min Scan# 2845
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

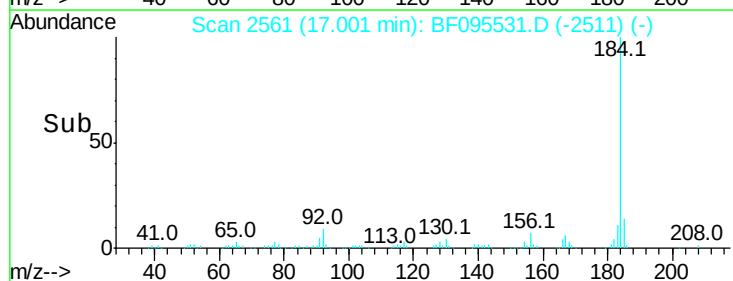
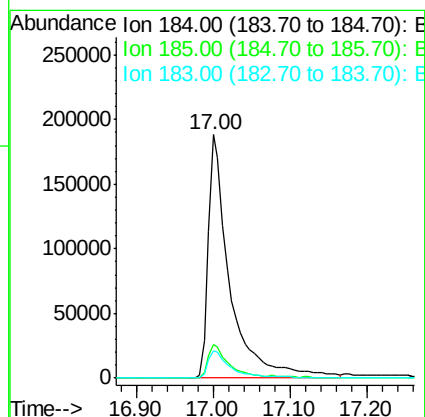
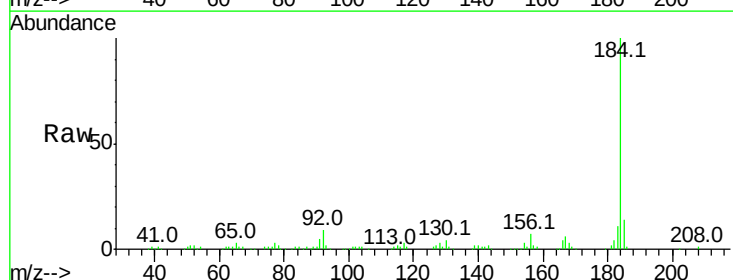
Instrument :
BNA_F
ClientSampleId :

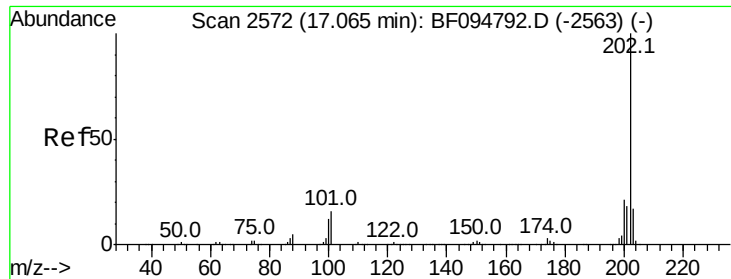
Tot Ion:240 Resp: 269023
Ion Ratio Lower Upper
240 100
120 15.5 5.8 8.8#
236 25.5 20.5 30.7



#76
Benzidine
Concen: 50.12 ng
RT: 17.00 min Scan# 2561
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

Tgt Ion:184 Resp: 367086
Ion Ratio Lower Upper
184 100
185 14.0 15.5 23.3#
183 11.5 9.8 14.6





#77

Pvrene

Concen: 41.53 ng

RT: 17.08 min Scan# 2575

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Instrument :

BNA_F

ClientSampleId :

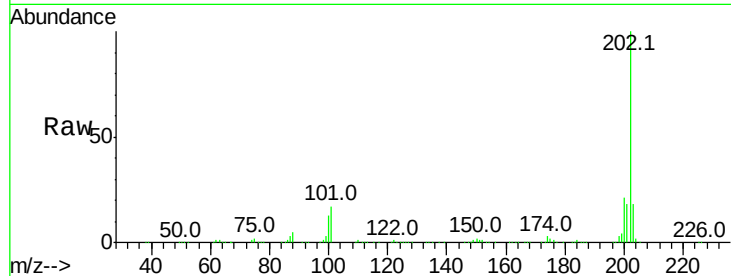
Tot Ion:202 Resp: 835535

Ion Ratio Lower Upper

202 100

200 20.9 17.6 26.4

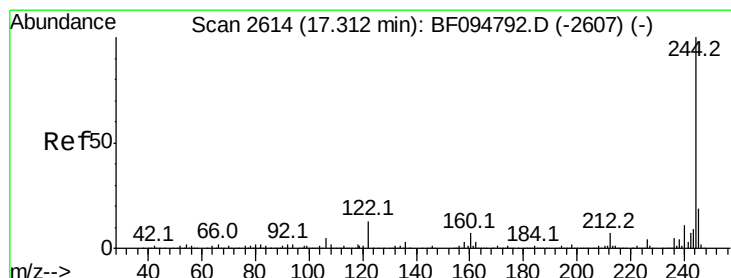
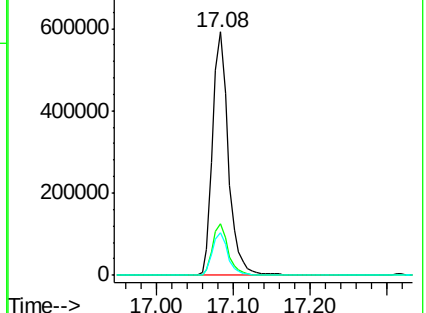
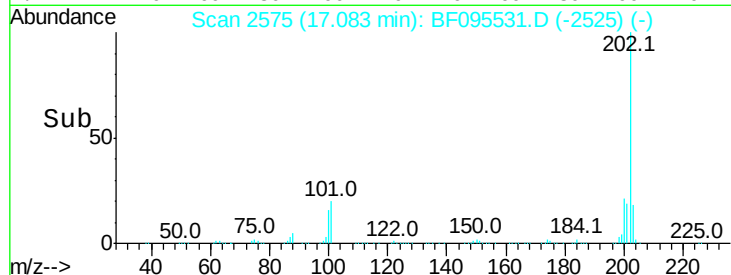
203 17.6 14.4 21.6



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: 82.13 ng

RT: 17.32 min Scan# 2615

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

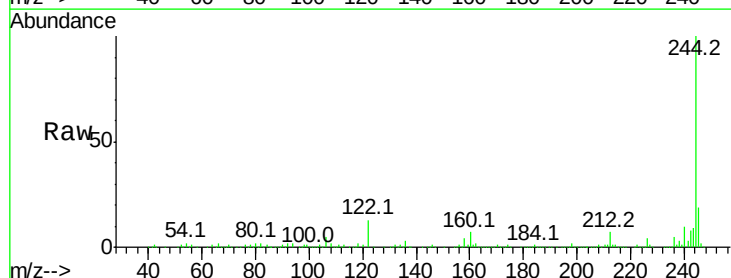
Tgt Ion:244 Resp: 1003190

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

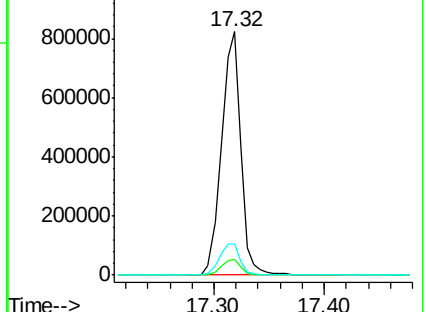
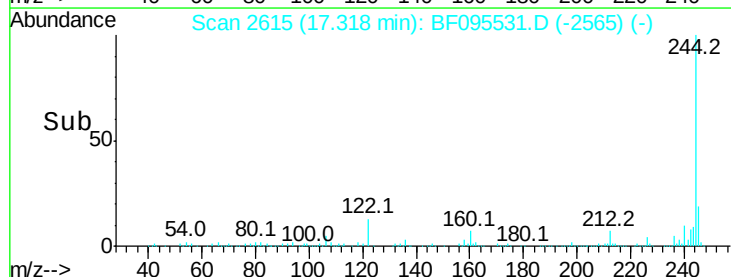
122 13.0 10.3 15.5

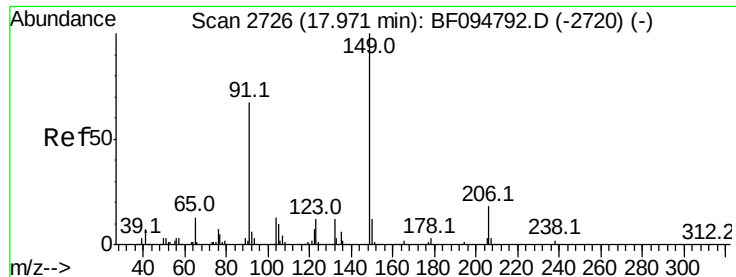


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 41.71 ng

RT: 17.97 min Scan# 2726

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Instrument :

BNA_F

ClientSampleId :

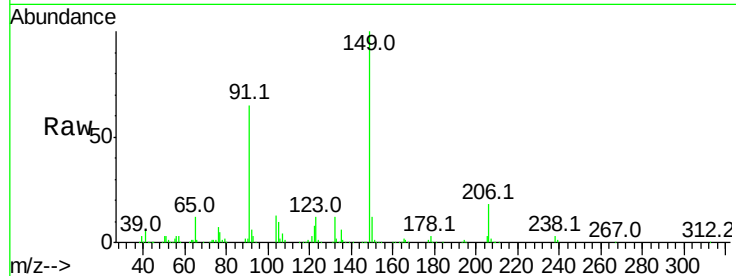
Tot Ion:149 Resp: 390317

Ion Ratio Lower Upper

149 100

91 65.5 45.0 67.4

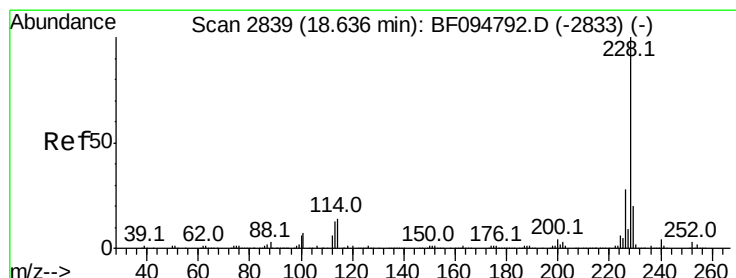
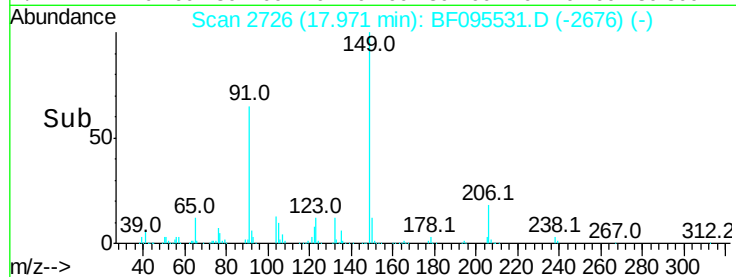
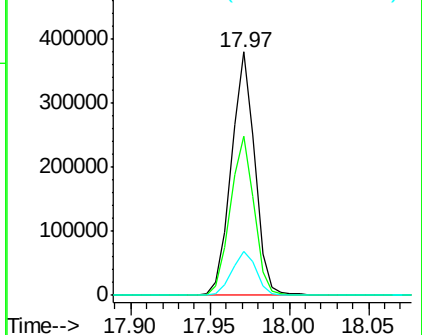
206 18.1 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.72 ng

RT: 18.66 min Scan# 2843

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

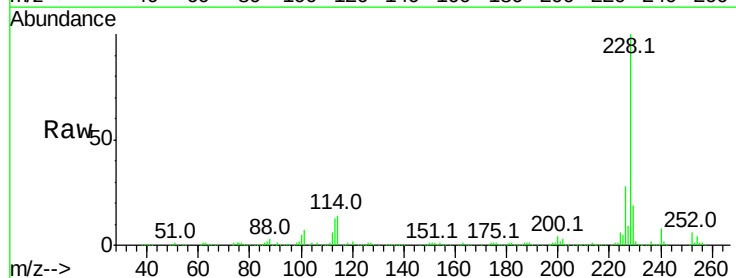
Tgt Ion:228 Resp: 606174

Ion Ratio Lower Upper

228 100

226 27.7 22.6 33.8

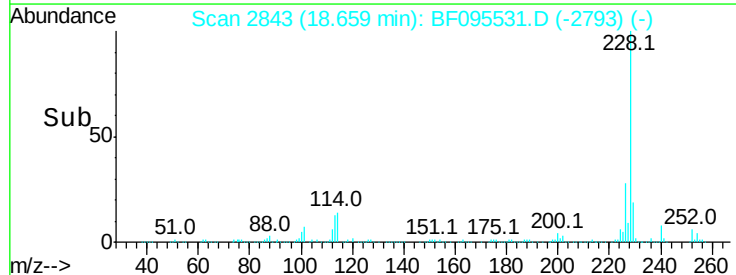
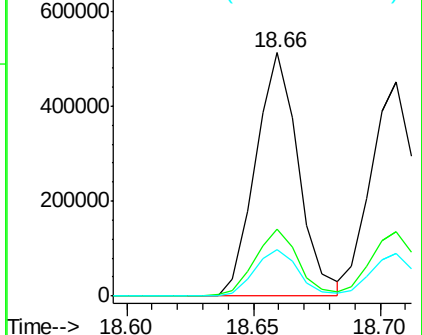
229 19.3 16.3 24.5

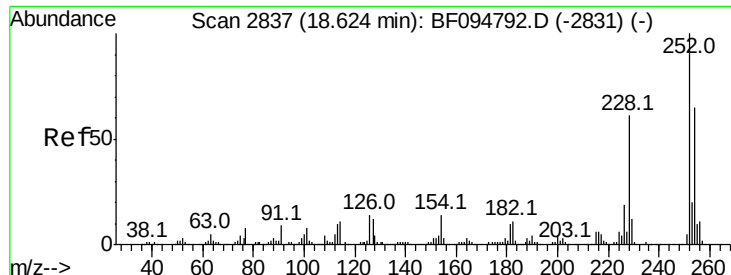


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

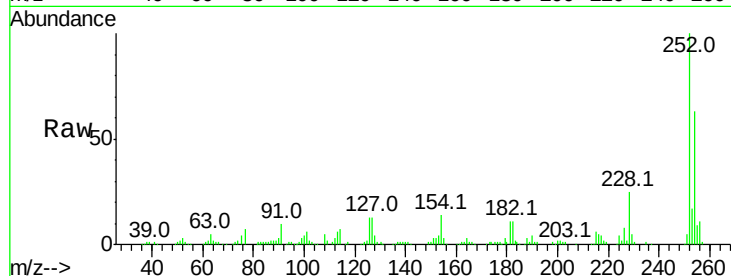




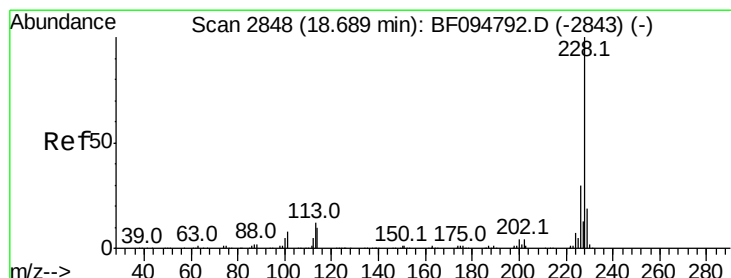
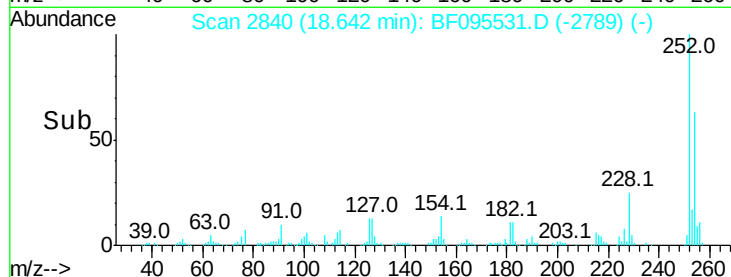
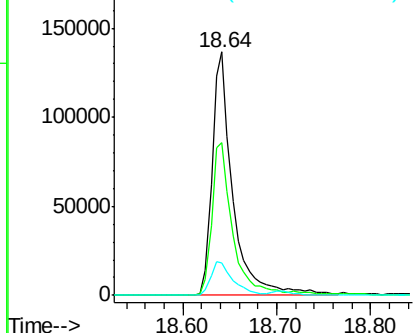
#81
 3,3'-Dichlorobenzidine
 Concen: 39.18 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 211864
 Ion Ratio Lower Upper
 252 100
 254 62.8 51.5 77.3
 126 13.5 15.8 23.8#

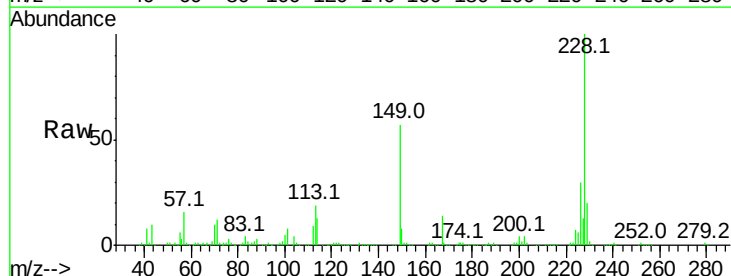


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

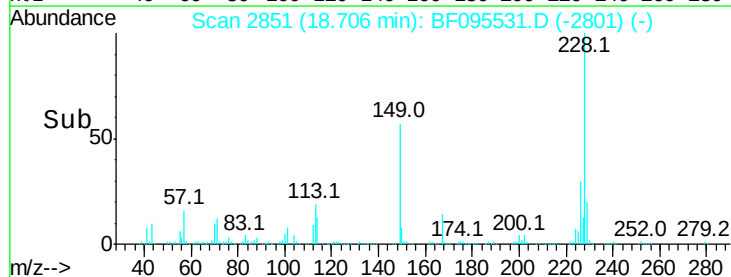
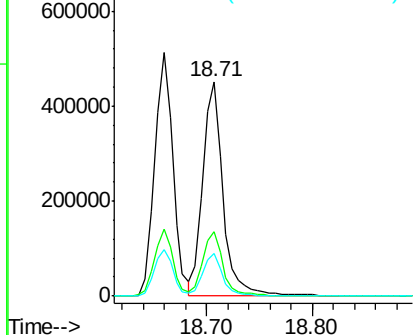


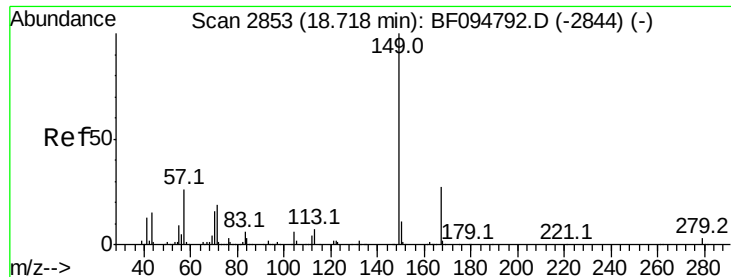
#82
 Chrysene
 Concen: 39.56 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Tgt Ion:228 Resp: 598846
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.9 37.3
 229 19.7 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.72 ng

RT: 18.71 min Scan# 2852

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Instrument :

BNA_F

ClientSampleId :

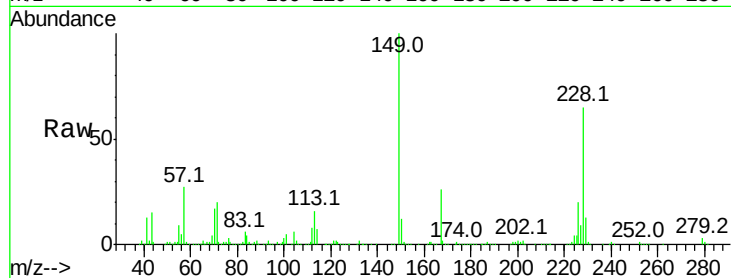
Tot Ion:149 Resp: 502937

Ion Ratio Lower Upper

149 100

167 26.0 21.0 31.4

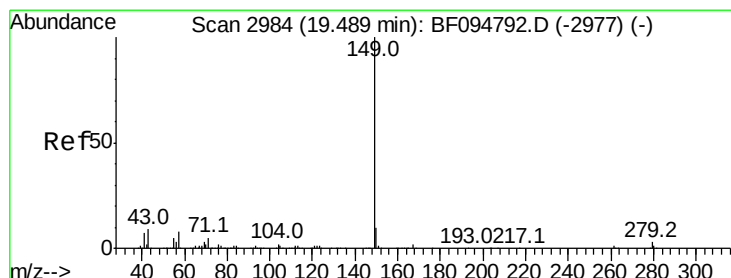
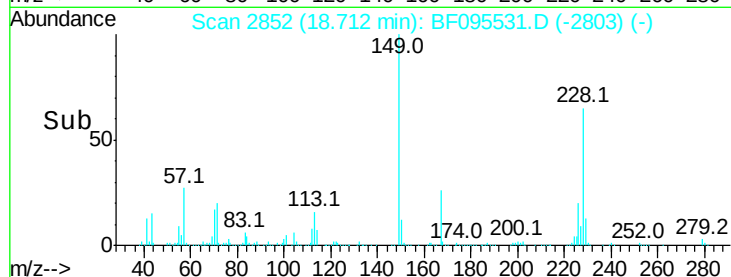
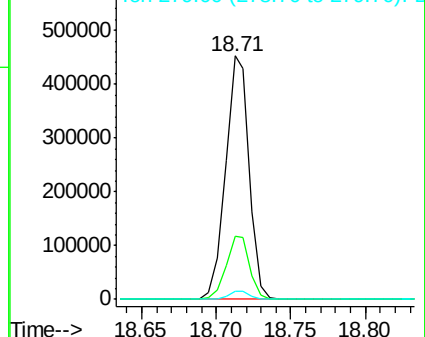
279 3.1 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 37.79 ng

RT: 19.48 min Scan# 2983

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

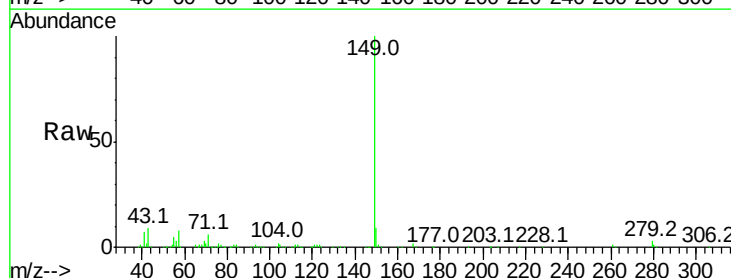
Tgt Ion:149 Resp: 826032

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

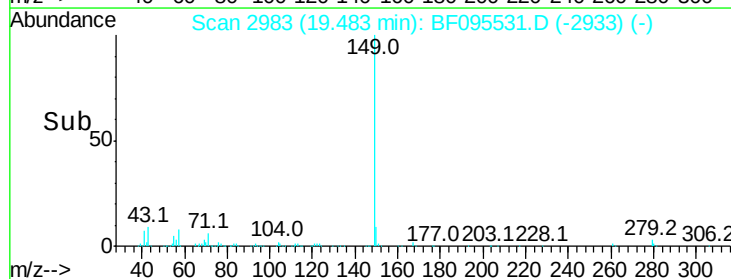
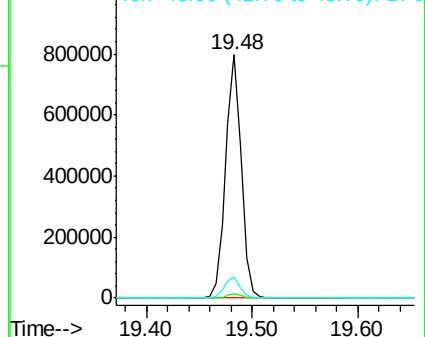
43 8.9 8.5 12.7

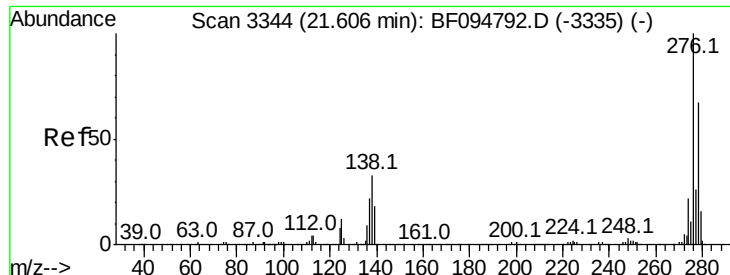


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

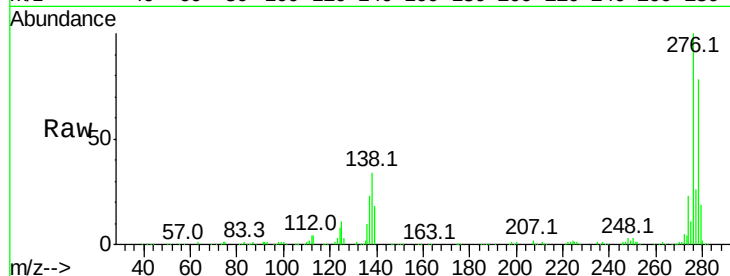




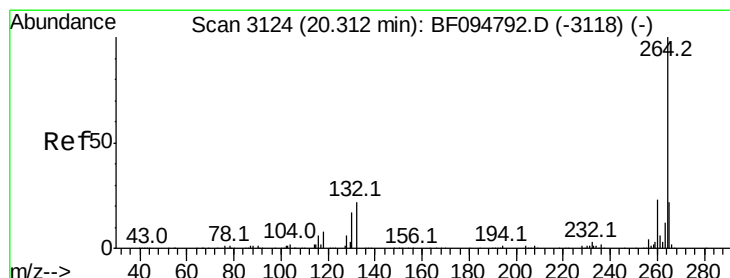
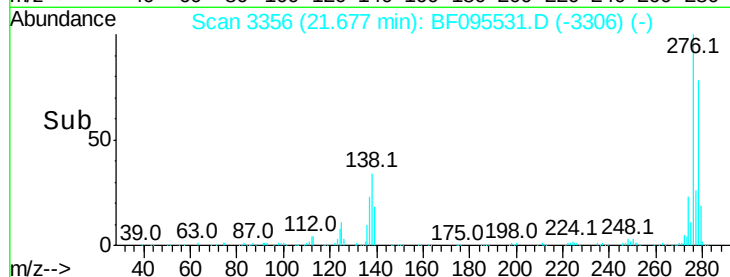
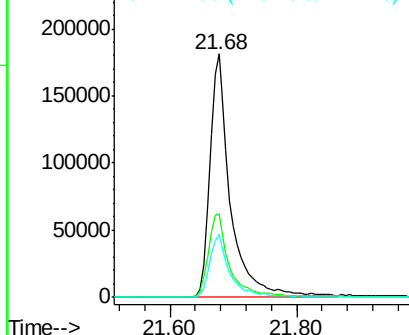
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 33.87 ng
 RT: 21.68 min Scan# 3356
 Delta R.T. -0.01 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.6	27.8	41.6
277	25.2	20.2	30.4

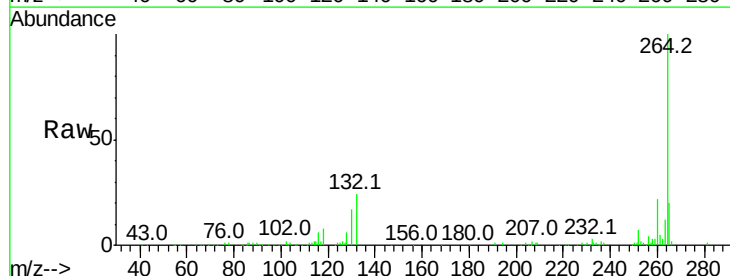


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

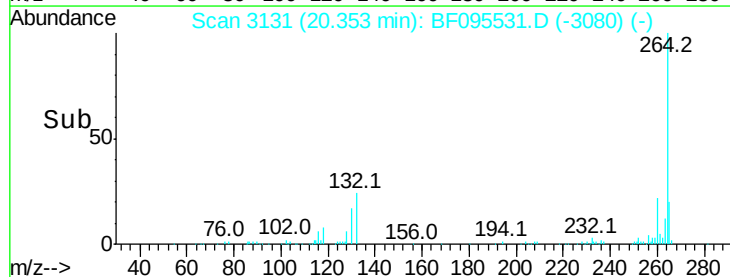
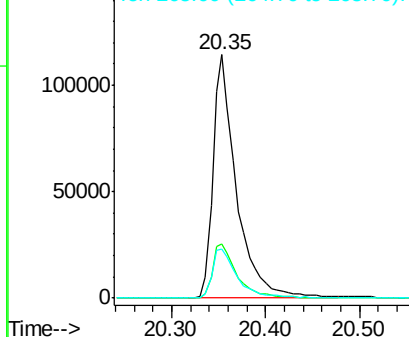


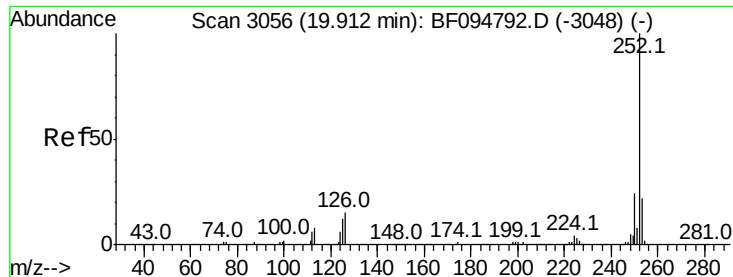
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3131
 Delta R.T. 0.00 min
 Lab File: BF095531.D
 Acq: 30 May 2017 12:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.5	29.3
265	20.4	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E

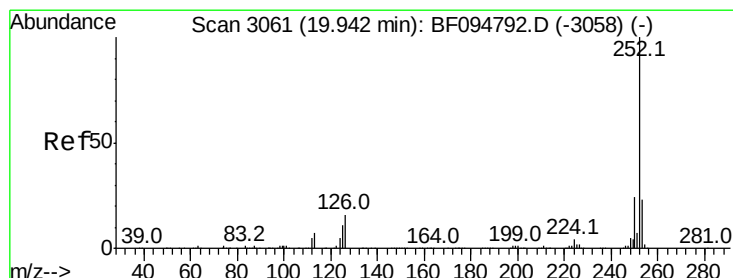
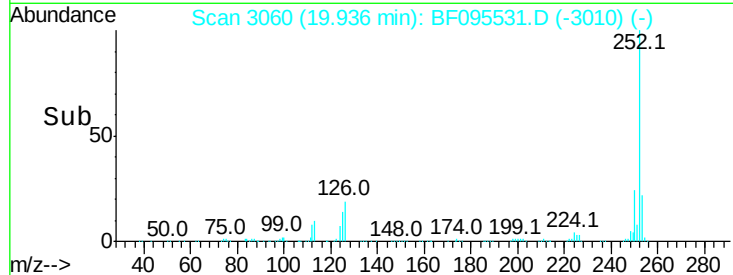
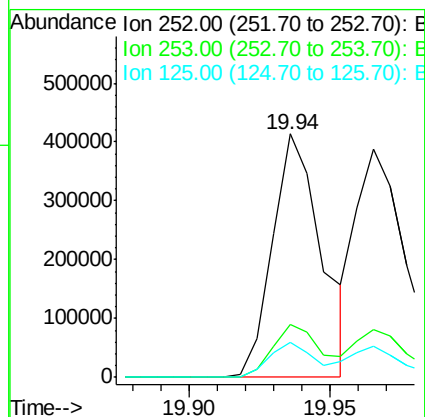
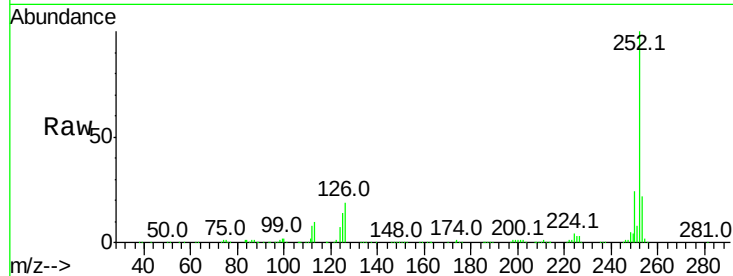




#87
Benzo(b)fluoranthene
Concen: 40.39 ng
RT: 19.94 min Scan# 3060
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

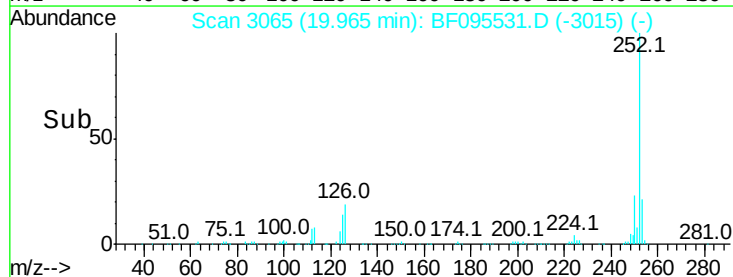
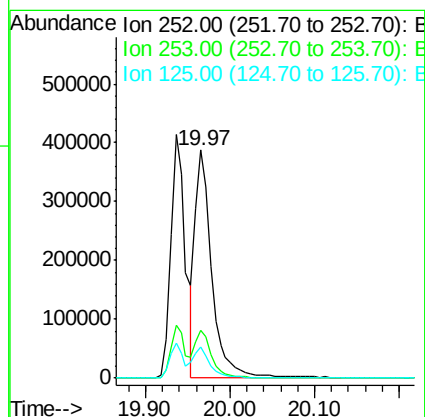
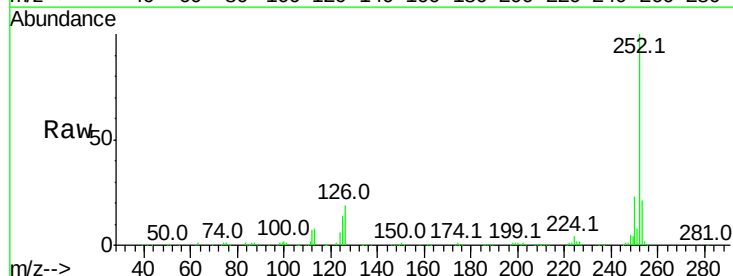
Instrument :
BNA_F
ClientSampleId :

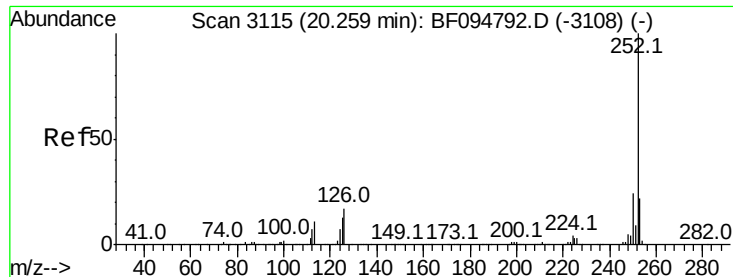
Tot Ion:252 Resp: 498482
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 14.2 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 43.80 ng
RT: 19.97 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

Tgt Ion:252 Resp: 521400
Ion Ratio Lower Upper
252 100
253 21.2 18.4 27.6
125 13.5 13.1 19.7

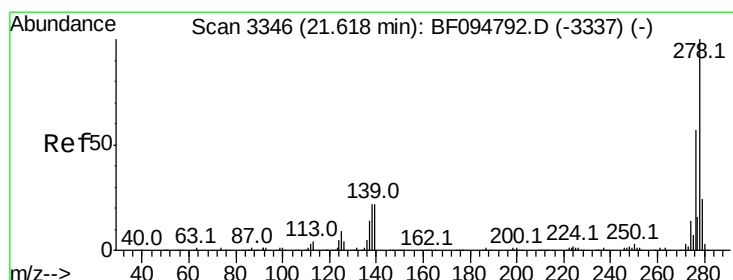
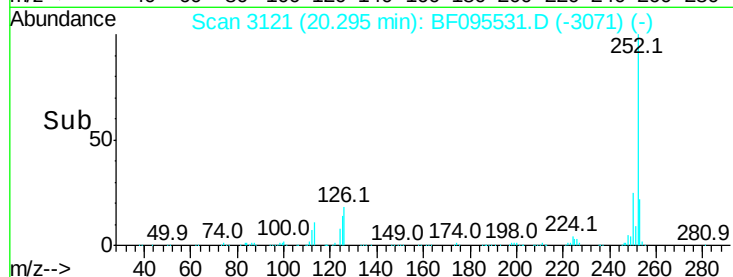
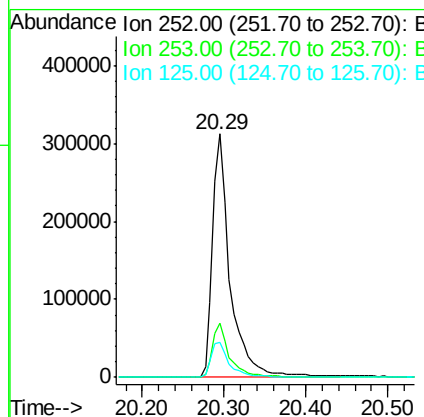
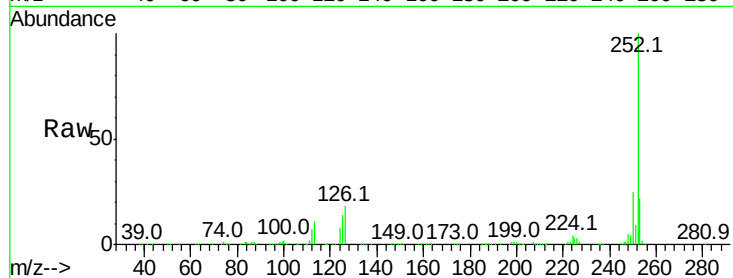




#89
Benzo(a)pyrene
Concen: 40.94 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

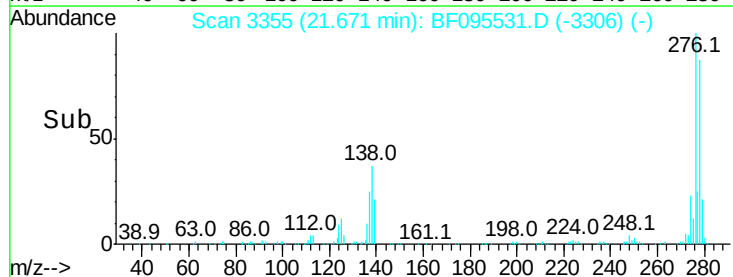
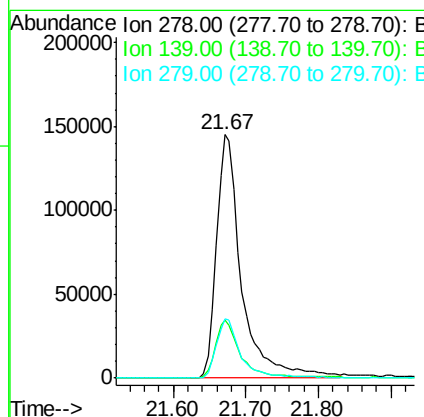
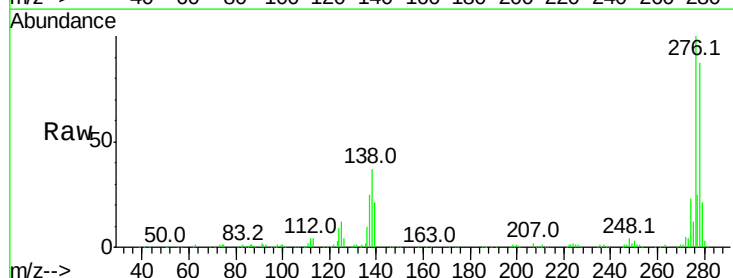
Instrument :
BNA_F
ClientSampleId :

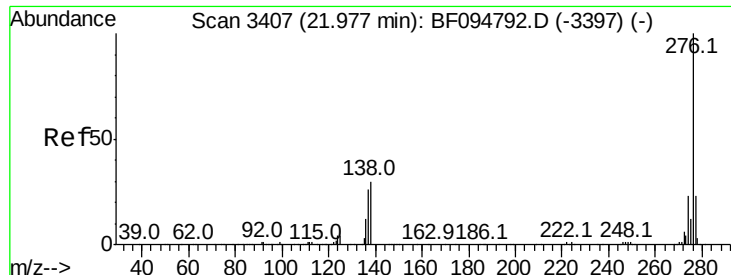
Tot Ion:252 Resp: 466233
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 14.3 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 37.06 ng
RT: 21.67 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BF095531.D
Acq: 30 May 2017 12:49

Tgt Ion:278 Resp: 348561
Ion Ratio Lower Upper
278 100
139 23.7 16.6 24.8
279 24.4 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 39.01 ng

RT: 22.07 min Scan# 3422

Delta R.T. -0.01 min

Lab File: BF095531.D

Acq: 30 May 2017 12:49

Instrument :

BNA_F

ClientSampleId :

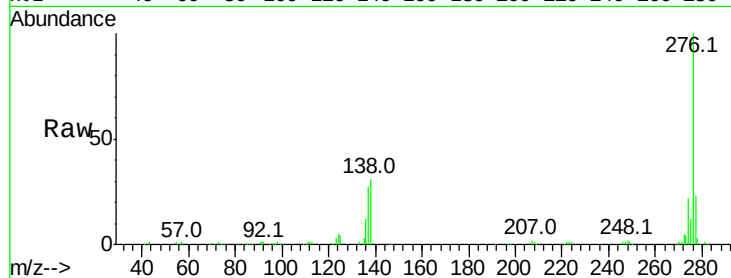
Tot Ion: 276 Resp: 360066

Ion Ratio Lower Upper

276 100

277 22.7 18.6 28.0

138 31.2 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

