

Data Path : Z:\HPCHEM1\BNA F\DATA\BF053017\
 Data File : BF095554.D
 Acq On : 31 May 2017 2:18
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 31 08:36:29 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	119078	20.00	ng	0.00
21) Naphthalene-d8	9.75	136	450256	20.00	ng	0.00
38) Acenaphthene-d10	12.59	164	171718	20.00	ng	0.00
63) Phenanthrene-d10	14.99	188	272262	20.00	ng	0.00
75) Chrysene-d12	18.68	240	270470	20.00	ng	0.00
86) Perylene-d12	20.35	264	190951	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	612218	85.72	ng	0.00
7) Phenol-d6	7.29	99	700421	81.73	ng	0.00
23) Nitrobenzene-d5	8.65	82	595950	83.46	ng	0.00
41) 2,4,6-Tribromophenol	13.89	330	102624	72.97	ng	0.00
44) 2-Fluorobiphenyl	11.53	172	1037643	86.98	ng	0.00
78) Terphenyl-d14	17.32	244	888340	72.34	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	2.13	88	128529	36.69	ng	97
3) Pyridine	2.83	79	297109	36.60	ng	97
4) n-Nitrosodimethylamine	2.76	42	110058	32.52	ng	86
6) Aniline	7.24	93	468960	43.35	ng	96
8) 2-Chlorophenol	7.43	128	336795	41.43	ng	94
9) Benzaldehyde	7.06	77	196966	37.64	ng	99
10) Phenol	7.31	94	390123	43.20	ng	90
11) bis(2-Chloroethyl)ether	7.37	93	306471	41.11	ng	98
12) 1,3-Dichlorobenzene	7.64	146	368568	39.97	ng	99
13) 1,4-Dichlorobenzene	7.76	146	374397	40.03	ng	96
14) 1,2-Dichlorobenzene	8.00	146	352913	40.43	ng	96
15) Benzyl Alcohol	8.03	79	233369	42.34	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.22	45	427267	40.49	ng	96
17) 2-Methylphenol	8.24	107	276067	41.50	ng	97
18) Hexachloroethane	8.51	117	100374	31.68	ng	# 85
19) n-Nitroso-di-n-propylamine	8.45	70	231980	40.03	ng	94
20) 3+4-Methylphenols	8.51	107	350661	38.79	ng	# 54
22) Acetophenone	8.41	105	461582	42.73	ng	# 84
24) Nitrobenzene	8.67	77	312317	41.73	ng	94
25) Isophorone	9.08	82	529614	41.54	ng	95
26) 2-Nitrophenol	9.18	139	156292	38.70	ng	98
27) 2,4-Dimethylphenol	9.32	122	277879	42.56	ng	96
28) bis(2-Chloroethoxy)methane	9.44	93	374795	42.49	ng	99
29) 2,4-Dichlorophenol	9.62	162	237939	38.59	ng	98
30) 1,2,4-Trichlorobenzene	9.68	180	264623	40.06	ng	99
31) Naphthalene	9.79	128	905879	40.03	ng	99
32) Benzoic acid	9.66	122	102175	26.39	ng	96
33) 4-Chloroaniline	9.94	127	356914	42.32	ng	# 91
34) Hexachlorobutadiene	10.00	225	136134	39.06	ng	96
35) Caprolactam	10.57	113	73159	39.52	ng	90
36) 4-Chloro-3-methylphenol	10.81	107	252538	38.31	ng	89
37) 2-Methylnaphthalene	10.92	142	580792	39.11	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.20	216	232717	44.07	ng	99
40) Hexachlorocyclopentadiene	11.17	237	2185	6.97	ng	86

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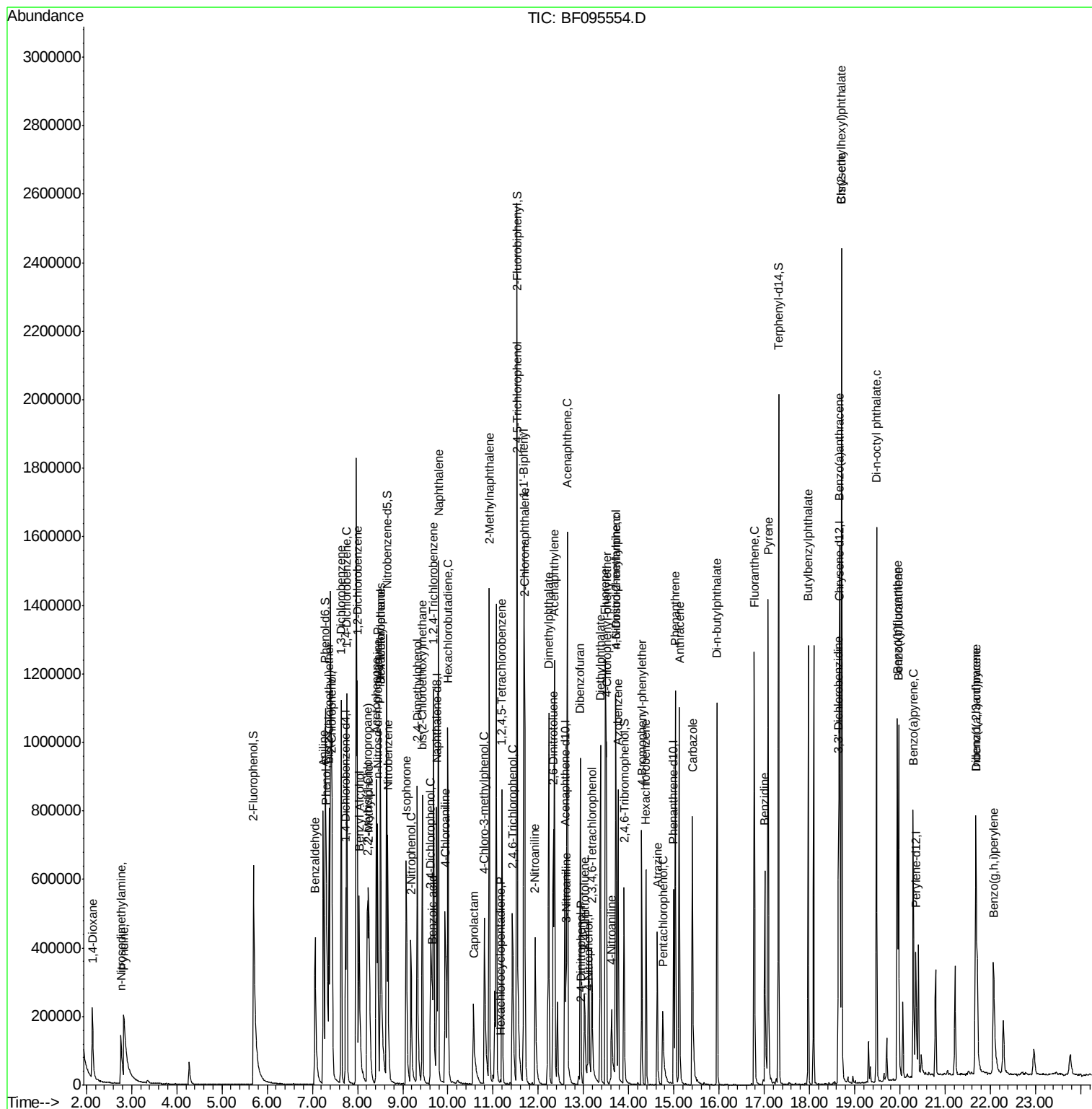
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.43	196	148642	42.16	nq	96
43) 2,4,5-Trichlorophenol	11.54	196	150525	39.72	nq	# 93
45) 1,1'-Biphenyl	11.68	154	637497	44.09	nq	98
46) 2-Chloronaphthalene	11.70	162	492360	42.18	nq	95
47) 2-Nitroaniline	11.93	65	139103	43.53	nq	# 80
48) Acenaphthylene	12.36	152	726600	39.74	nq	98
49) Dimethylphthalate	12.23	163	605199	42.93	nq	99
50) 2,6-Dinitrotoluene	12.33	165	102315	35.58	nq	# 88
51) Acenaphthene	12.64	154	431711	39.53	nq	98
52) 3-Nitroaniline	12.61	138	134967	43.72	nq	91
53) 2,4-Dinitrophenol	12.95	184	855	6.74	nq	# 1
54) Dibenzofuran	12.93	168	548935	36.32	nq	98
55) 4-Nitrophenol	13.09	139	41214	22.23	nq	# 79
56) 2,4-Dinitrotoluene	13.02	165	119278	32.28	nq	96
57) Fluorene	13.48	166	481300	36.62	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.19	232	83570	35.04	nq	# 94
59) Diethylphthalate	13.38	149	549770	40.69	nq	98
60) 4-Chlorophenyl-phenylether	13.51	204	223991	38.78	nq	88
61) 4-Nitroaniline	13.62	138	118020	41.65	nq	93
62) Azobenzene	13.77	77	416882	38.40	nq	92
64) 4,6-Dinitro-2-methylphenol	13.71	198	7572	4.15	nq	# 1
65) n-Nitrosodiphenylamine	13.71	169	418819	42.38	nq	99
66) 4-Bromophenyl-phenylether	14.29	248	114861	39.93	nq	97
67) Hexachlorobenzene	14.39	284	115869	39.31	nq	# 91
68) Atrazine	14.64	200	81349	29.16	nq	95
69) Pentachlorophenol	14.75	266	65643	51.50	nq	97
70) Phenanthrene	15.04	178	631888	40.39	nq	97
71) Anthracene	15.12	178	673400	42.14	nq	97
72) Carbazole	15.41	167	617064	42.44	nq	97
73) Di-n-butylphthalate	15.95	149	789299	43.53	nq	98
74) Fluoranthene	16.78	202	715009	44.56	nq	98
76) Benzidine	17.01	184	437680	58.21	nq	# 93
77) Pyrene	17.08	202	779024	38.51	nq	99
79) Butylbenzylphthalate	17.97	149	367945	39.11	nq	# 87
80) Benzo(a)anthracene	18.67	228	615211	39.08	nq	99
81) 3,3'-Dichlorobenzidine	18.64	252	235570	43.33	nq	# 97
82) Chrysene	18.71	228	600133	39.43	nq	98
83) Bis(2-ethylhexyl)phthalate	18.72	149	491134	36.64	nq	# 97
84) Di-n-octyl phthalate	19.48	149	953124	43.37	nq	96
85) Indeno(1,2,3-cd)pyrene	21.68	276	375264	30.36	nq	99
87) Benzo(b)fluoranthene	19.94	252	455413	38.60	nq	98
88) Benzo(k)fluoranthene	19.97	252	533282	46.86	nq	95
89) Benzo(a)pyrene	20.29	252	427536	39.27	nq	98
90) Dibenzo(a,h)anthracene	21.68	278	322677	35.89	nq	97
91) Benzo(g,h,i)perylene	22.07	276	330182	37.42	nq	98

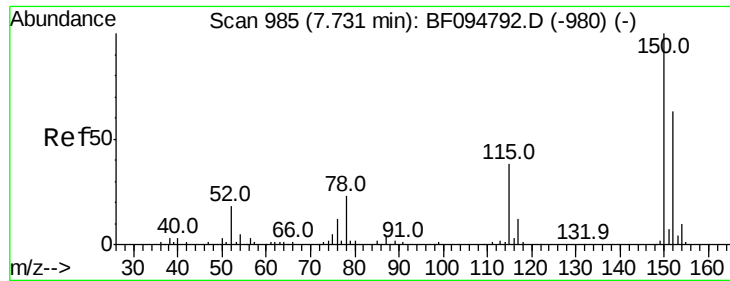
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
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Misc      :  
ALS Vial  : 2    Sample Multiplier: 1
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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: BF095554.D

Acq: 31 May 2017 2:18

Instrument :

BNA_F

ClientSampleId :

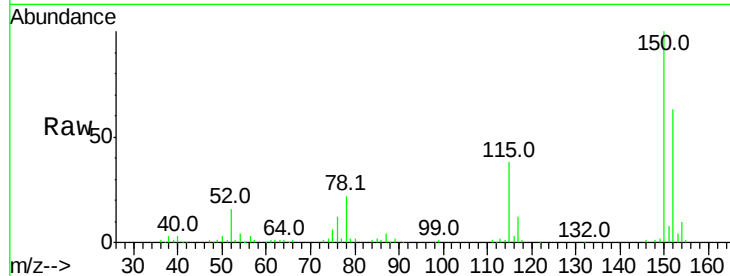
Tot Ion:152 Resp: 119078

Ion Ratio Lower Upper

152 100

150 159.5 126.2 189.2

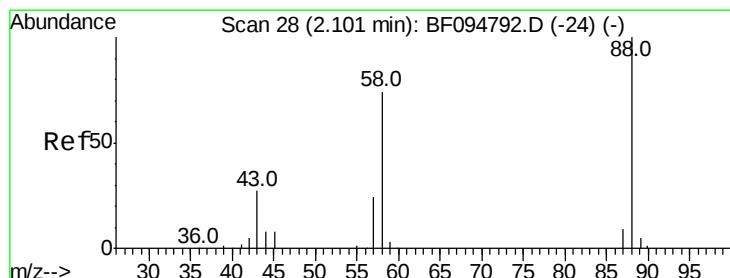
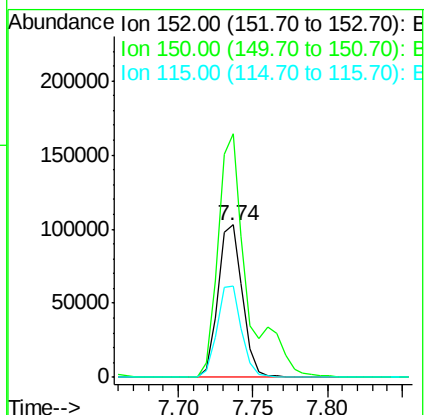
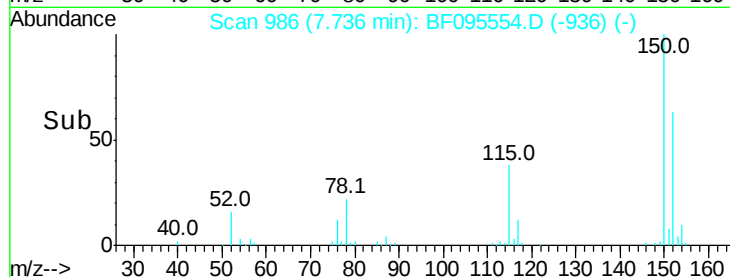
115 59.9 52.2 78.2



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: 36.69 ng

RT: 2.13 min Scan# 33

Delta R.T. -0.05 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

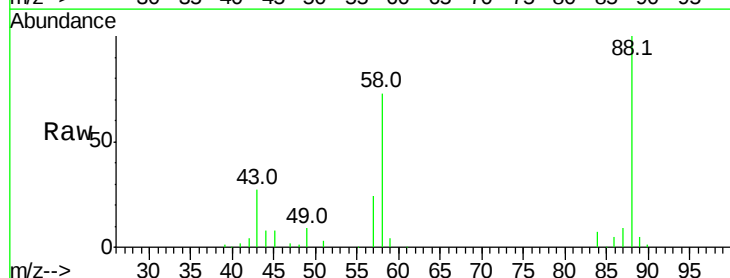
Tgt Ion: 88 Resp: 128529

Ion Ratio Lower Upper

88 100

58 73.9 61.4 92.0

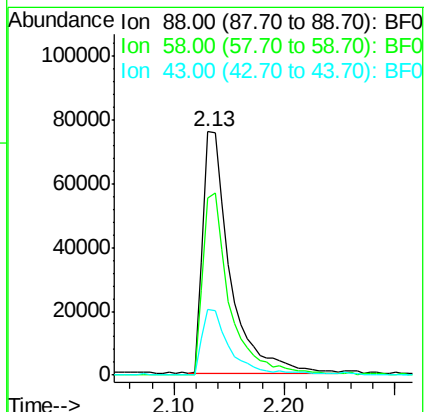
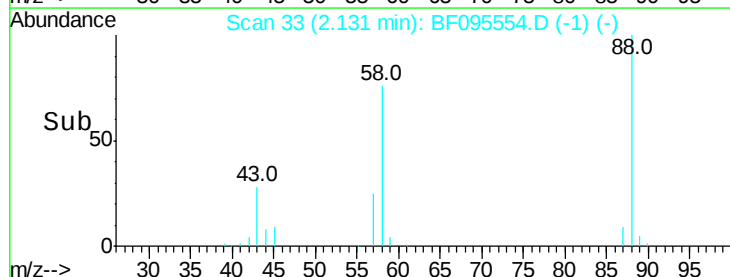
43 28.4 23.4 35.0

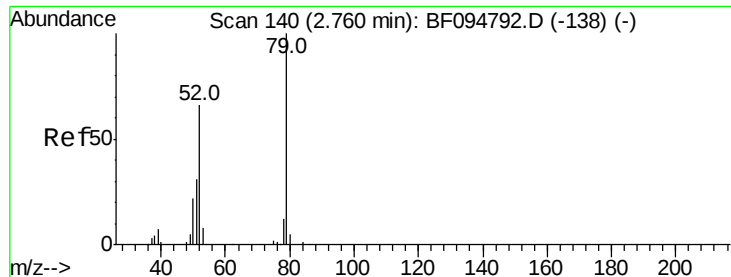


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#3

Pvrirdine

Concen: 36.60 ng

RT: 2.83 min Scan# 152

Delta R.T. -0.05 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

Instrument :

BNA_F

ClientSampleId :

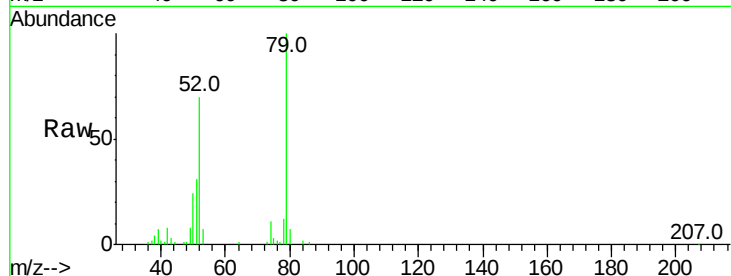
Tot Ion: 79 Resp: 297109

Ion Ratio Lower Upper

79 100

52 70.0 54.8 82.2

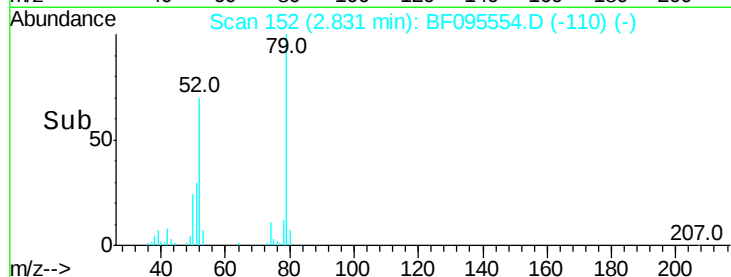
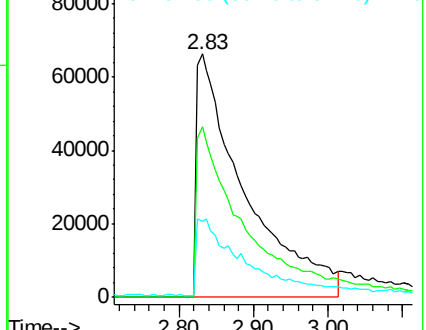
51 31.2 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 32.52 ng

RT: 2.76 min Scan# 140

Delta R.T. -0.05 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

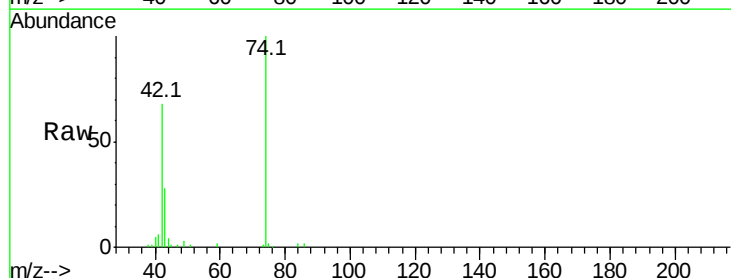
Tgt Ion: 42 Resp: 110058

Ion Ratio Lower Upper

42 100

74 147.1 103.9 155.9

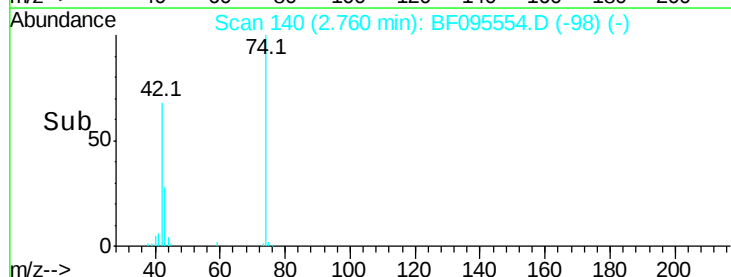
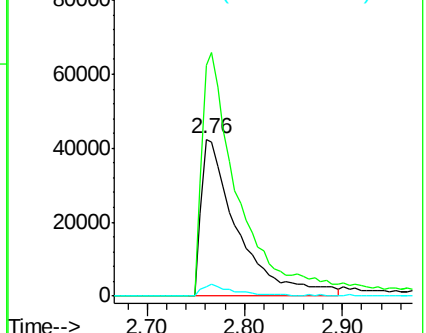
44 6.2 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 85.72 ng

RT: 5.70 min Scan# 640

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

Instrument :

BNA_F

ClientSampled :

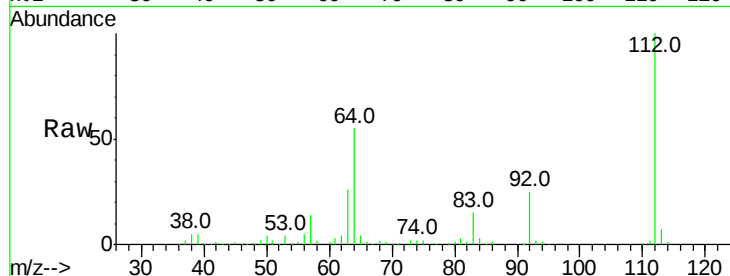
Tot Ion:112 Resp: 612218

Ion Ratio Lower Upper

112 100

64 54.8 46.0 69.0

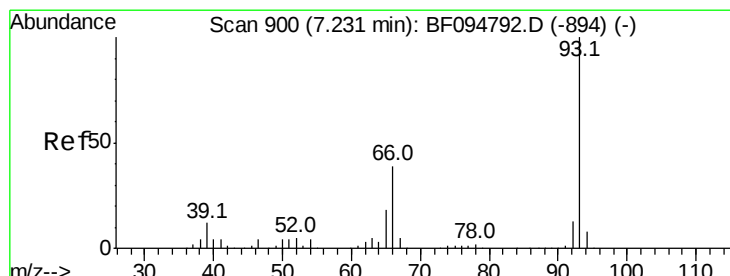
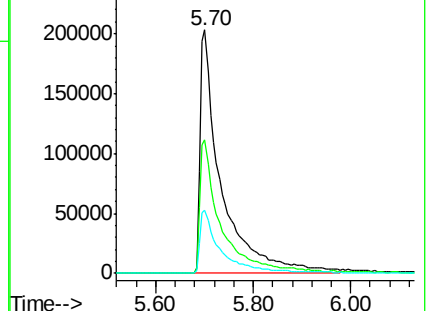
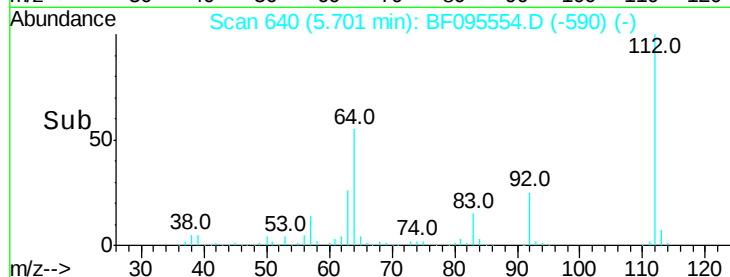
63 25.8 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 43.35 ng

RT: 7.24 min Scan# 902

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

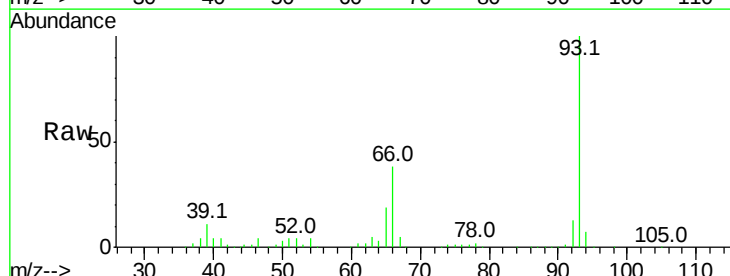
Tgt Ion: 93 Resp: 468960

Ion Ratio Lower Upper

93 100

66 38.2 32.9 49.3

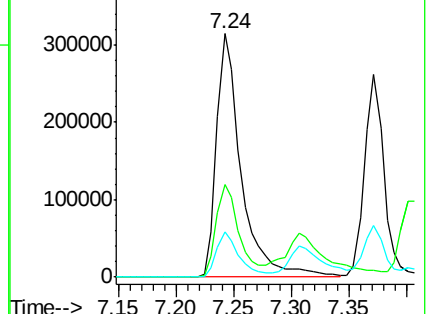
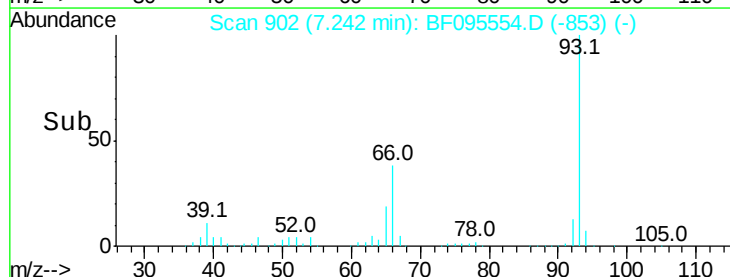
65 18.7 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 81.73 ng

RT: 7.29 min Scan# 910

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

Instrument :

BNA_F

ClientSampled :

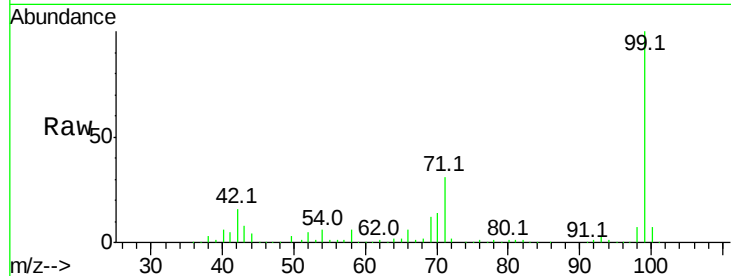
Tot Ion: 99 Resp: 700421

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

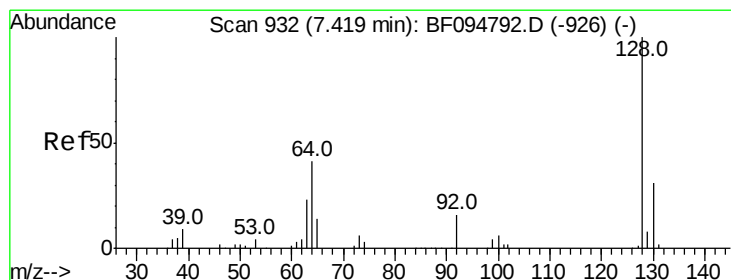
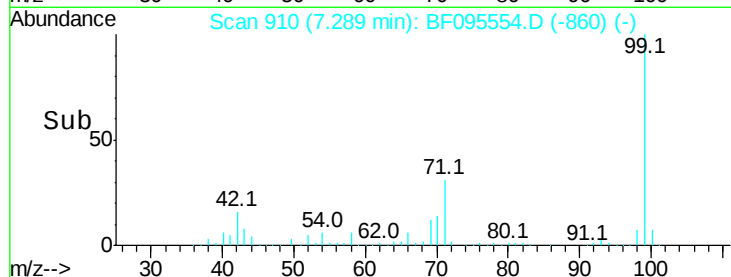
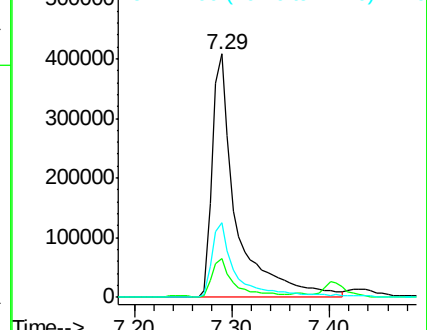
71 30.9 24.5 36.7



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: 41.43 ng

RT: 7.43 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

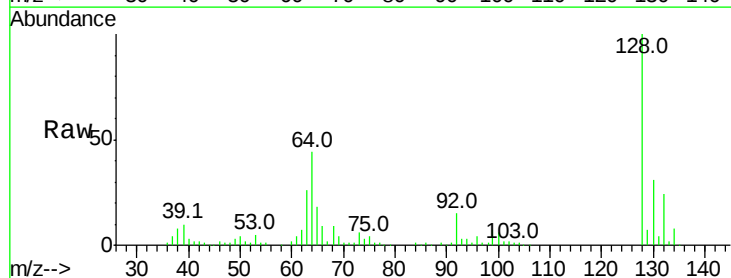
Tgt Ion: 128 Resp: 336795

Ion Ratio Lower Upper

128 100

130 30.7 12.9 52.9

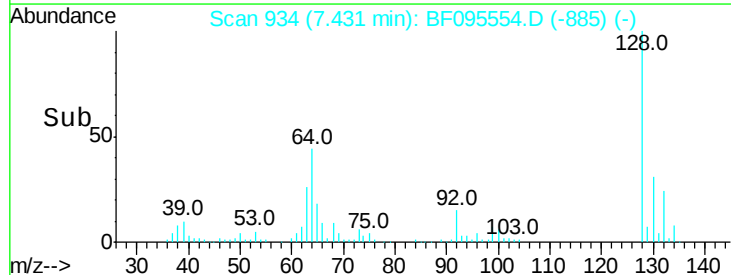
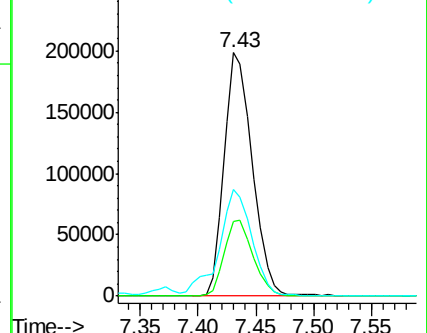
64 43.8 28.4 68.4

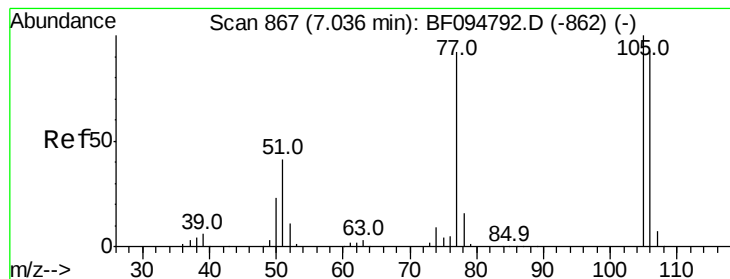


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 37.64 ng

RT: 7.06 min Scan# 871

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

Instrument :

BNA_F

ClientSampled :

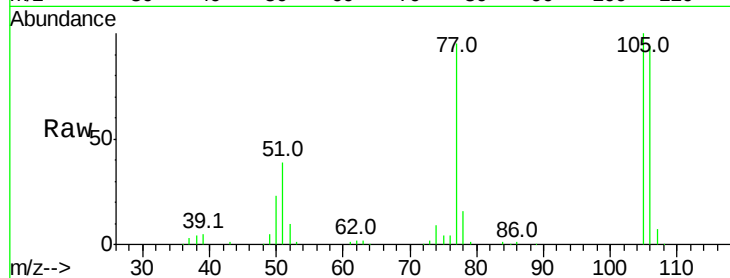
Tot Ion: 77 Resp: 196966

Ion Ratio Lower Upper

77 100

105 105.2 83.8 123.8

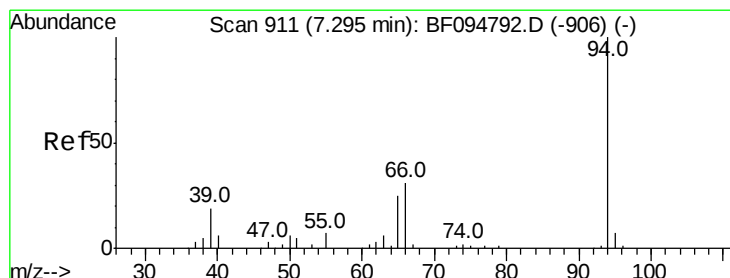
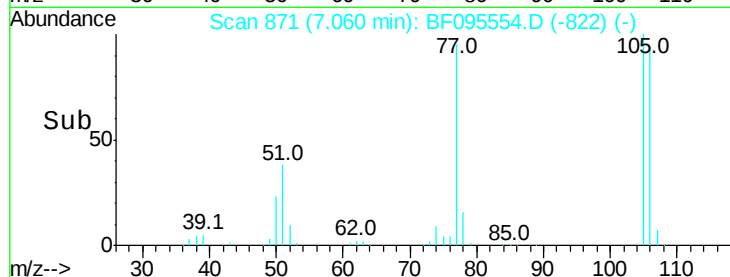
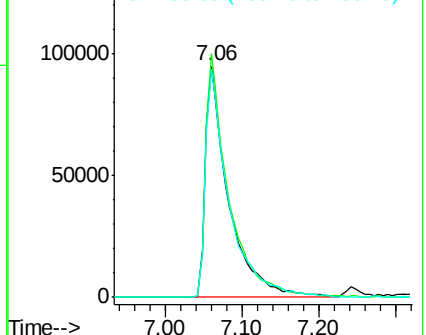
106 98.6 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 43.20 ng

RT: 7.31 min Scan# 913

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

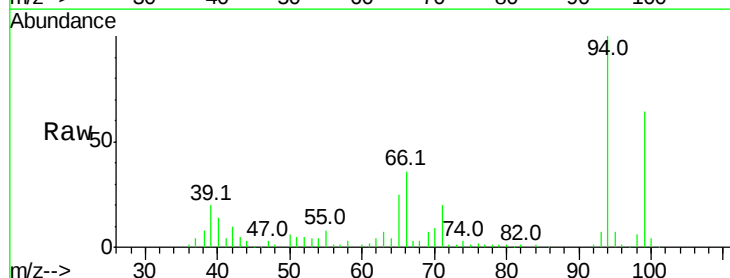
Tgt Ion: 94 Resp: 390123

Ion Ratio Lower Upper

94 100

65 25.4 9.9 49.9

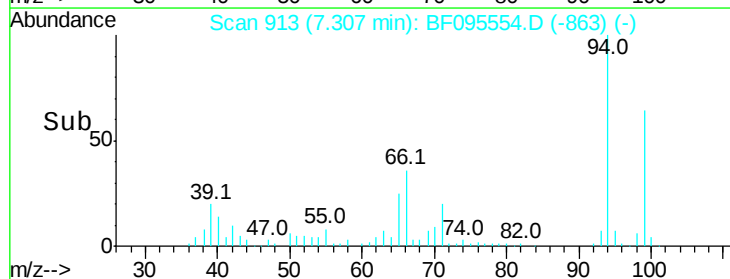
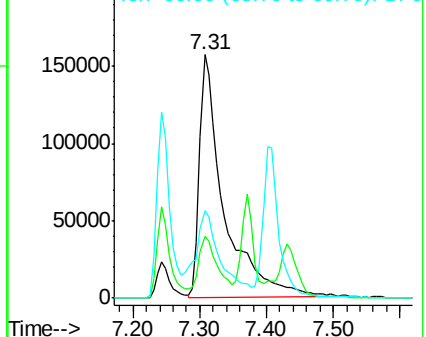
66 35.9 23.1 63.1

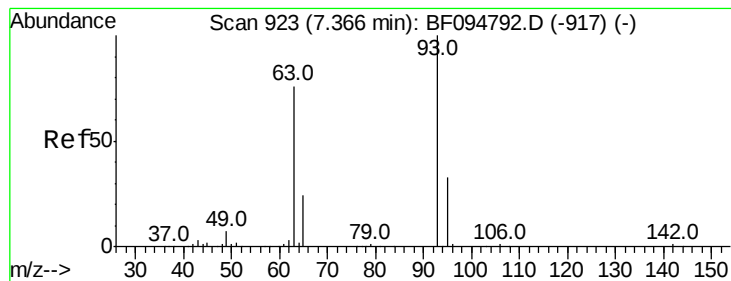


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

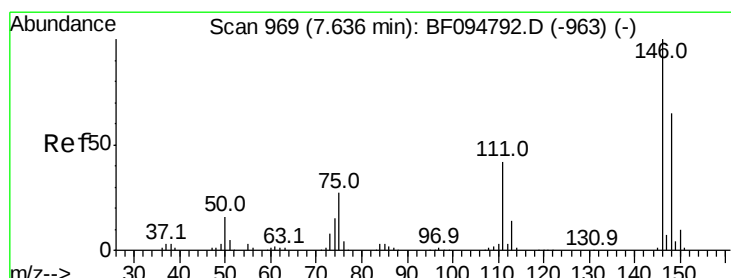
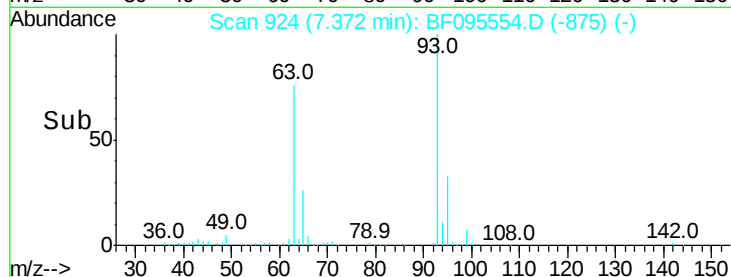
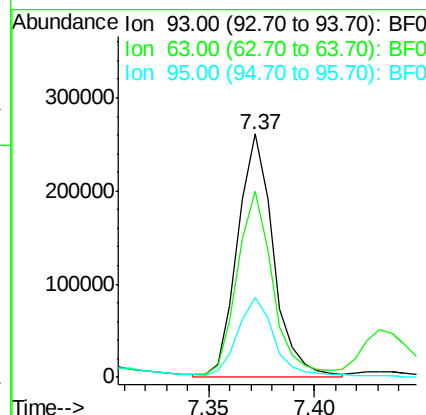
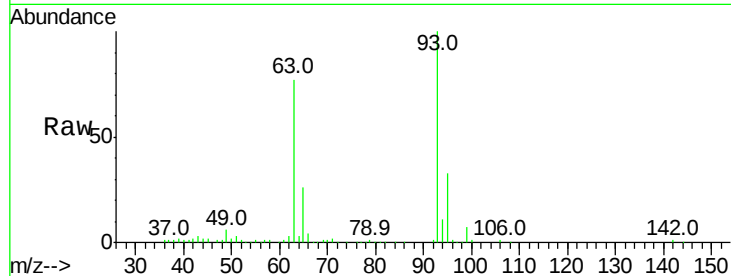




#11
bis(2-Chloroethyl)ether
Concen: 41.11 ng
RT: 7.37 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

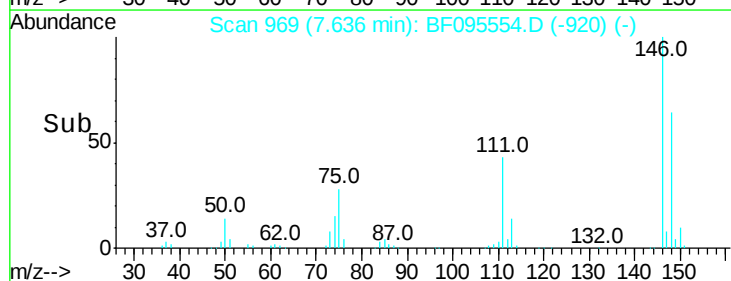
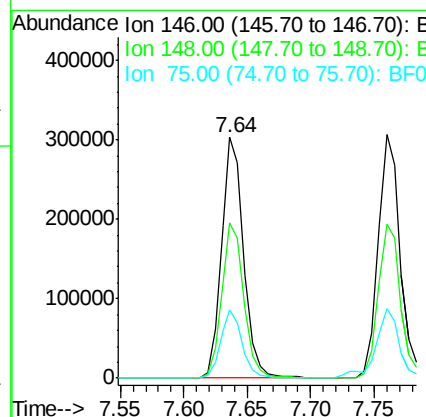
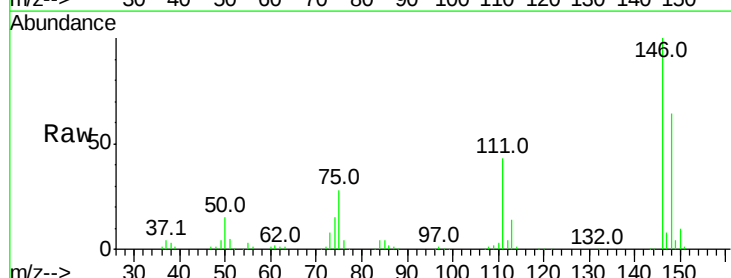
Instrument :
BNA_F
ClientSampleId :

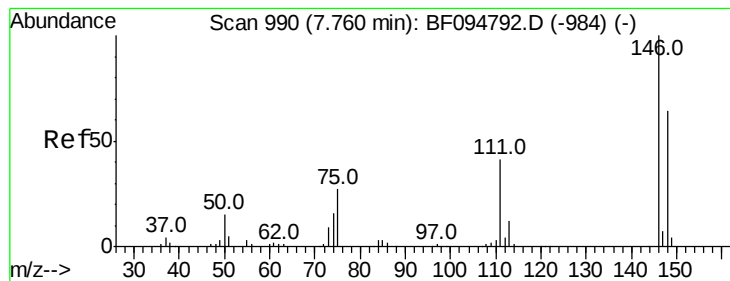
Tot Ion: 93 Resp: 306471
Ion Ratio Lower Upper
93 100
63 76.6 59.2 99.2
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 39.97 ng
RT: 7.64 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

Tgt Ion: 146 Resp: 368568
Ion Ratio Lower Upper
146 100
148 64.5 51.8 77.6
75 28.2 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.03 ng

RT: 7.76 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

Instrument :

BNA_F

ClientSampled :

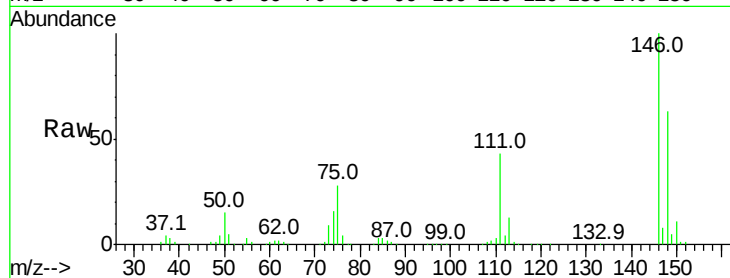
Tot Ion:146 Resp: 374397

Ion Ratio Lower Upper

146 100

148 63.2 52.2 78.2

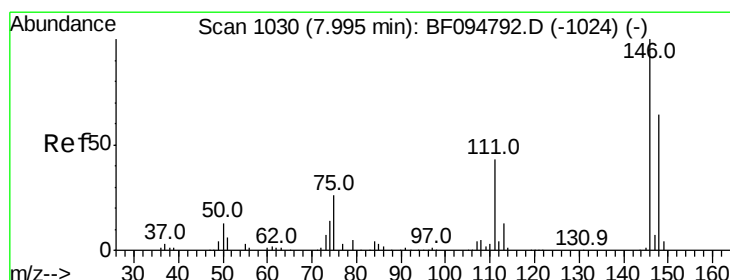
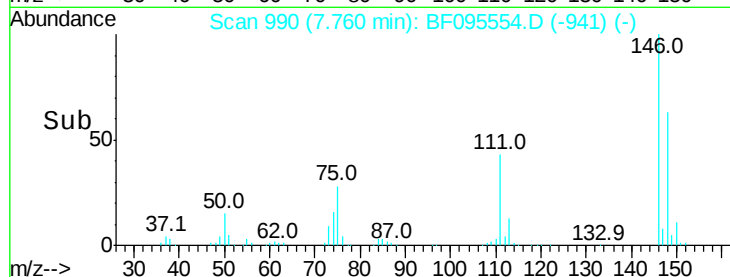
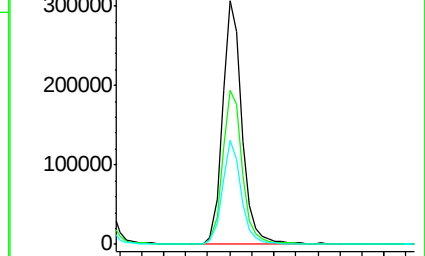
111 42.5 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 40.43 ng

RT: 8.00 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

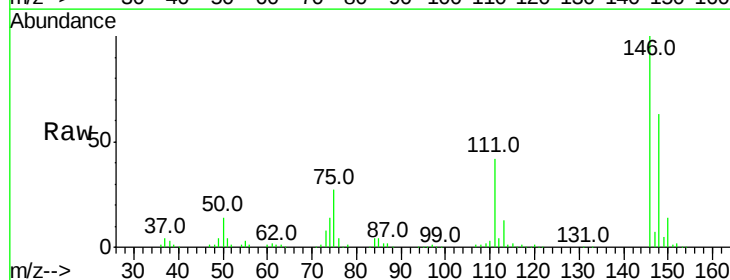
Tgt Ion:146 Resp: 352913

Ion Ratio Lower Upper

146 100

148 62.8 50.4 75.6

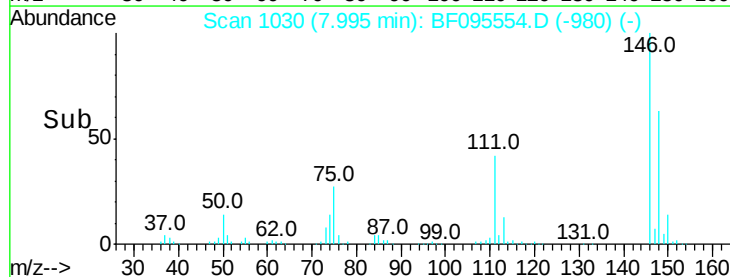
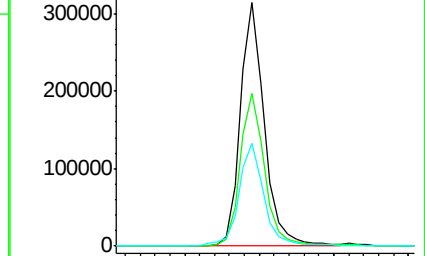
111 42.4 38.2 57.4

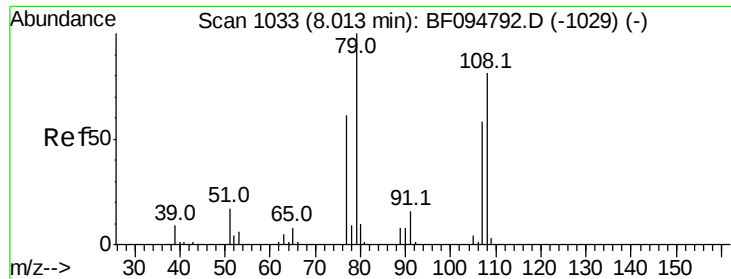


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

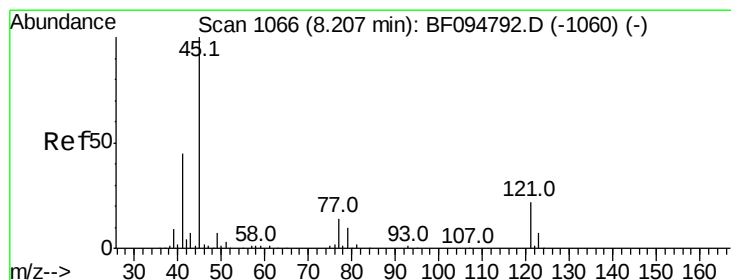
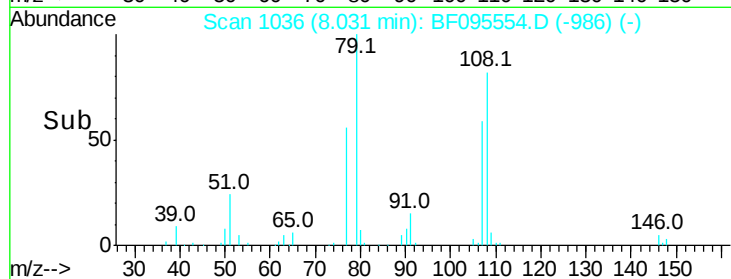
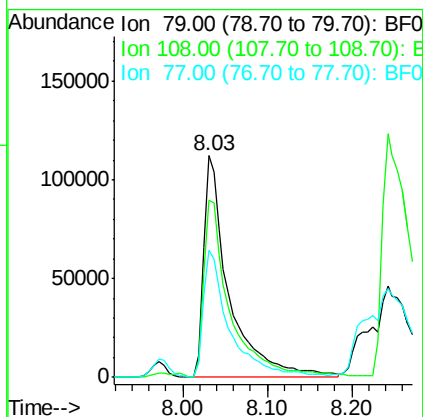
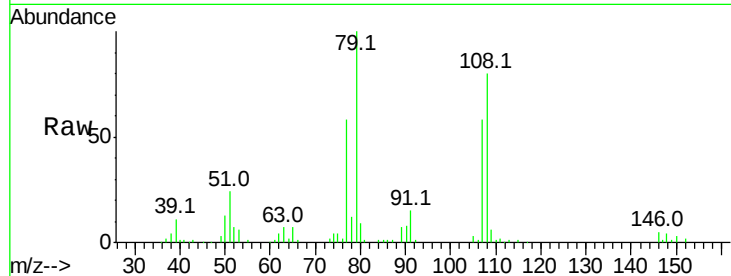




#15
Benzyl Alcohol
Concen: 42.34 ng
RT: 8.03 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

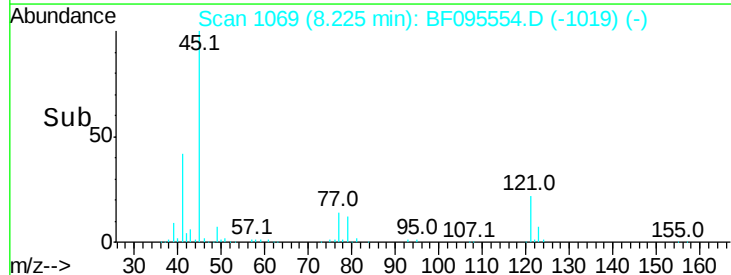
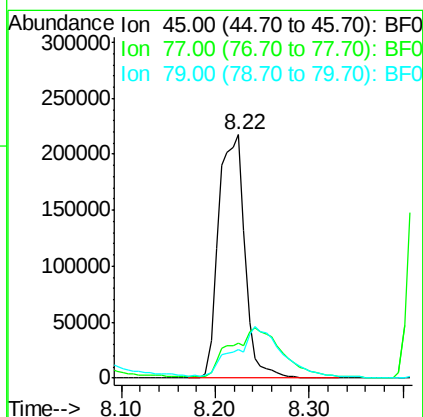
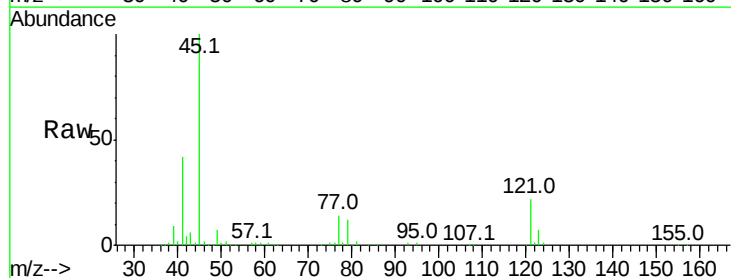
Instrument :
BNA_F
ClientSampleId :

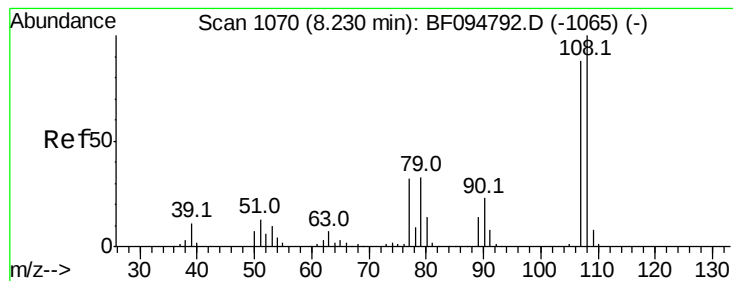
Tot Ion: 79 Resp: 233369
Ion Ratio Lower Upper
79 100
108 79.8 63.4 95.0
77 57.5 49.2 73.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.49 ng
RT: 8.22 min Scan# 1069
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

Tgt Ion: 45 Resp: 427267
Ion Ratio Lower Upper
45 100
77 14.4 0.0 33.2
79 11.7 0.0 30.0





#17

2-Methylphenol

Concen: 41.50 ng

RT: 8.24 min Scan# 1072

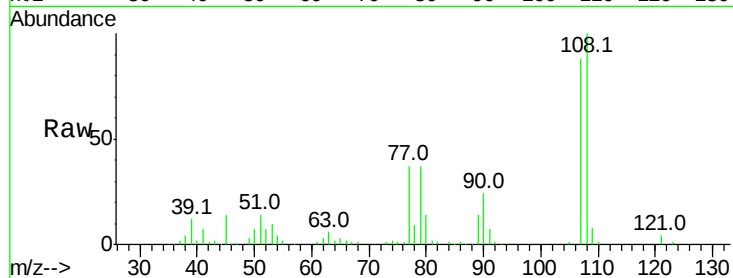
Delta R.T. 0.00 min

Lab File: BF095554.D

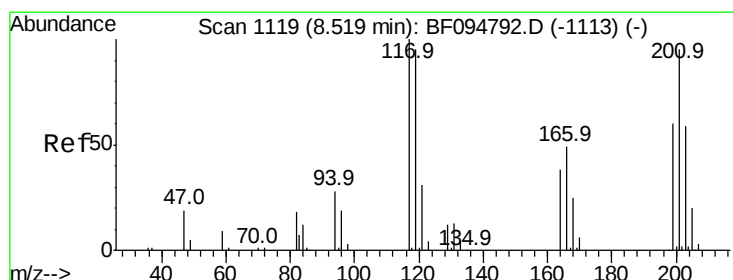
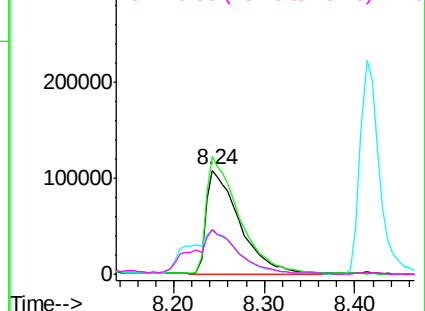
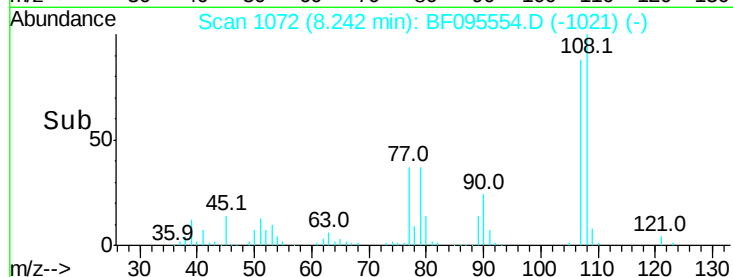
Acq: 31 May 2017 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107	Resp:	276067
Ion Ratio	Lower	Upper
107	100	
108	113.7	93.4 140.0
77	41.6	35.8 53.6
79	42.6	34.8 52.2



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



#18

Hexachloroethane

Concen: 31.68 ng

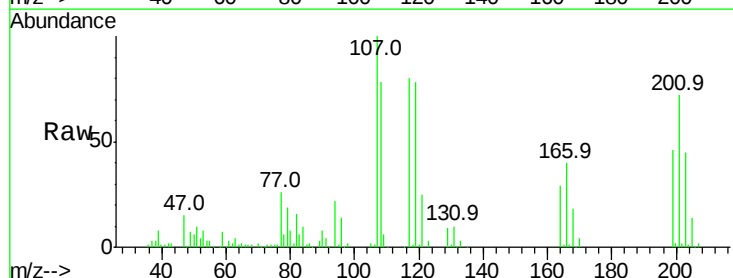
RT: 8.51 min Scan# 1117

Delta R.T. -0.01 min

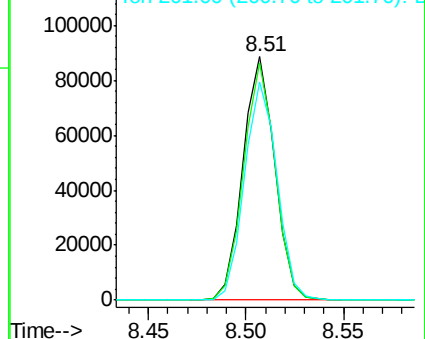
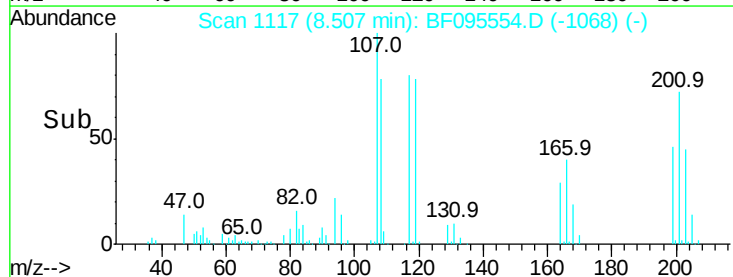
Lab File: BF095554.D

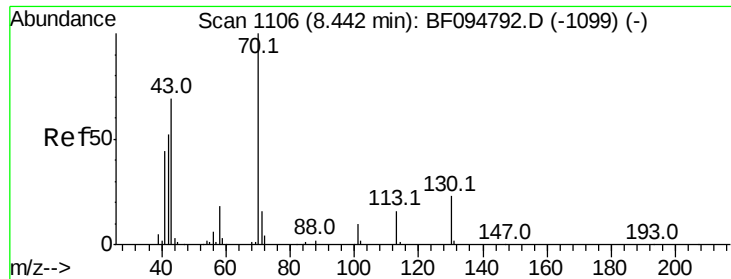
Acq: 31 May 2017 2:18

Tgt Ion:117	Resp:	100374
Ion Ratio	Lower	Upper
117	100	
119	97.4	77.4 116.0
201	89.6	94.6 141.8#



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

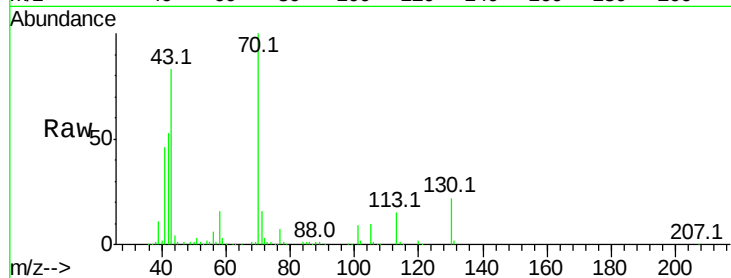




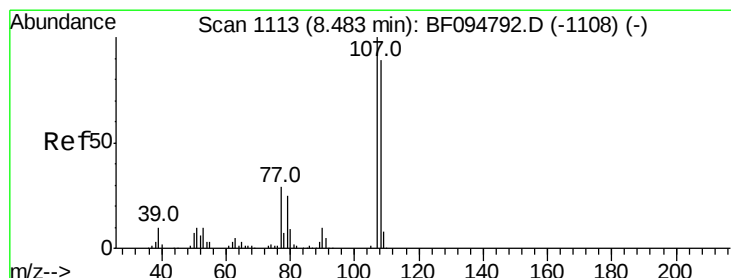
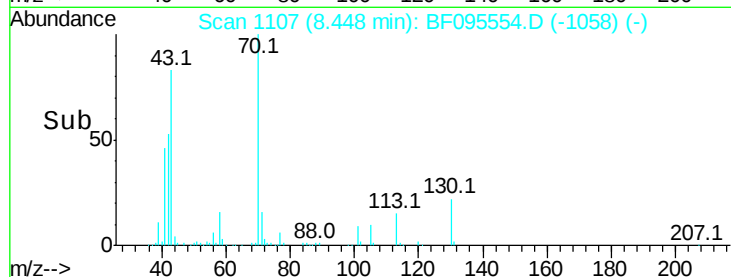
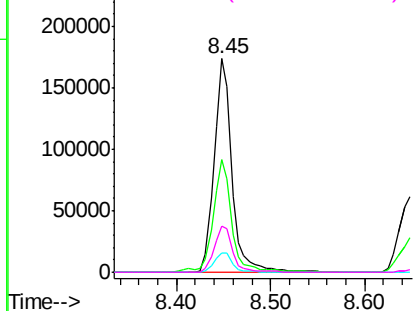
#19
n-Nitroso-di-n-propylamine
Concen: 40.03 ng
RT: 8.45 min Scan# 1107
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 231980
Ion Ratio Lower Upper
70 100
42 53.0 47.2 70.8
101 8.8 7.2 10.8
130 21.8 15.9 23.9

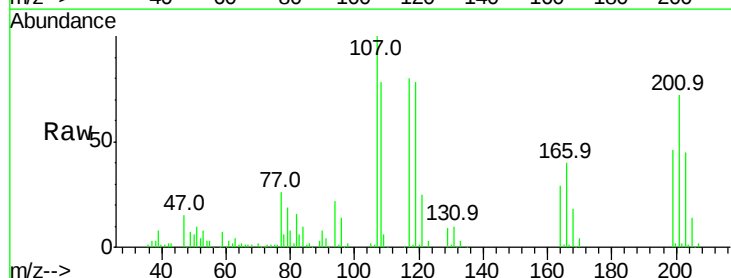


Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

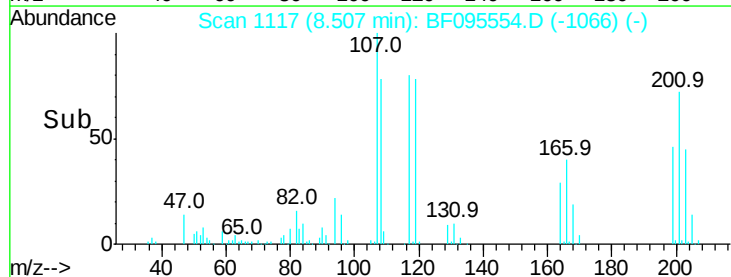
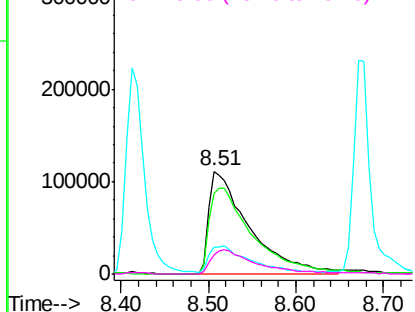


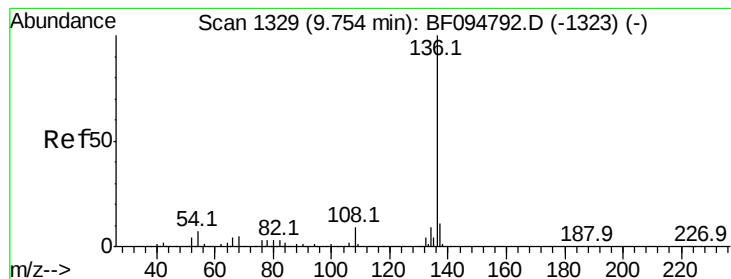
#20
3+4-Methylphenols
Concen: 38.79 ng
RT: 8.51 min Scan# 1117
Delta R.T. 0.00 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

Tgt Ion:107 Resp: 350661
Ion Ratio Lower Upper
107 100
108 78.2 71.0 111.0
77 26.3 90.5 130.5#
79 19.3 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.75 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 450256

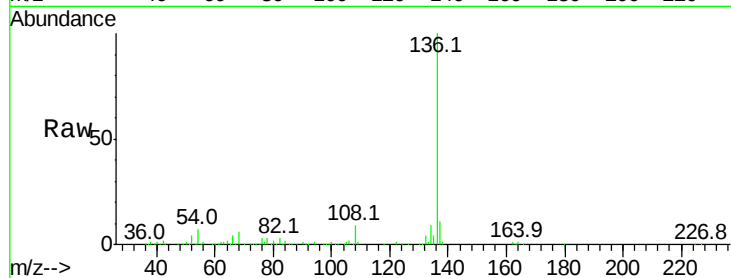
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.4 4.9 7.3#

68 5.9 4.1 6.1

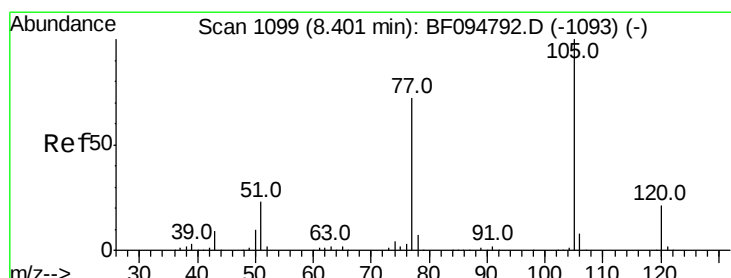
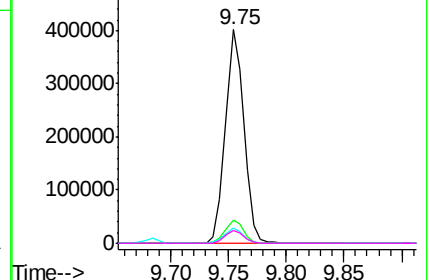
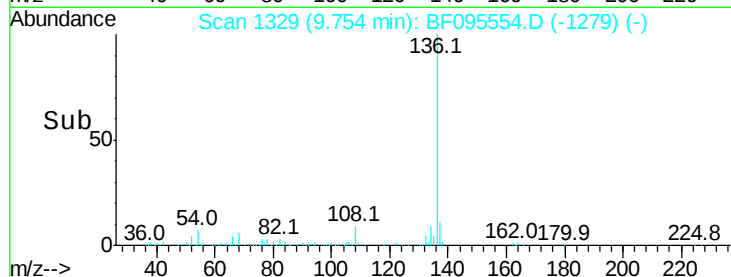


Abundance Ion 136.00 (135.70 to 136.70): E

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: 42.73 ng

RT: 8.41 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

Tgt Ion:105 Resp: 461582

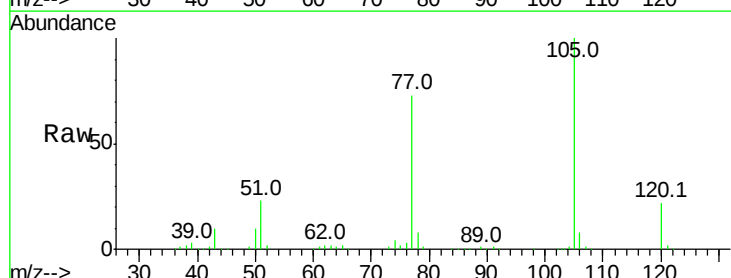
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.2 30.7 46.1#

120 22.1 17.4 26.0

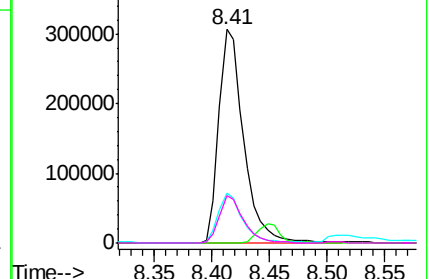
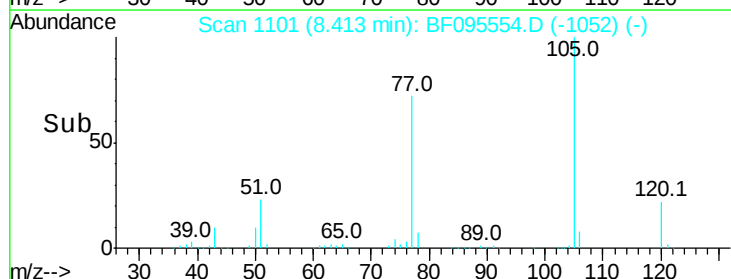


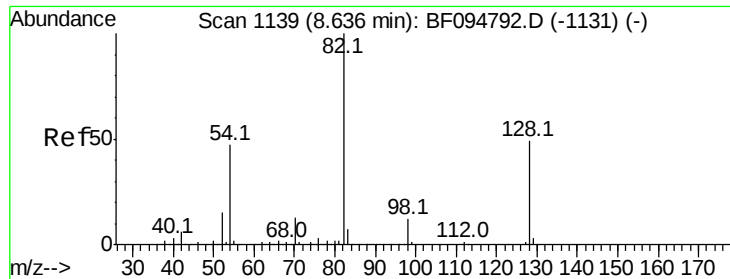
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

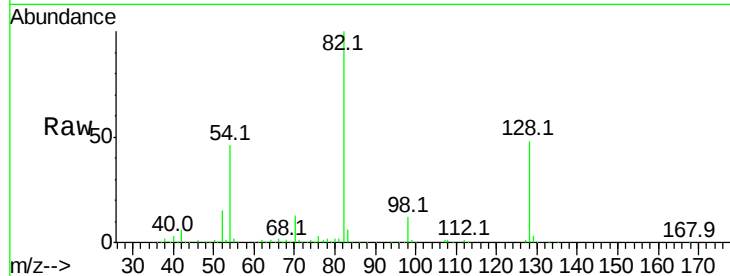




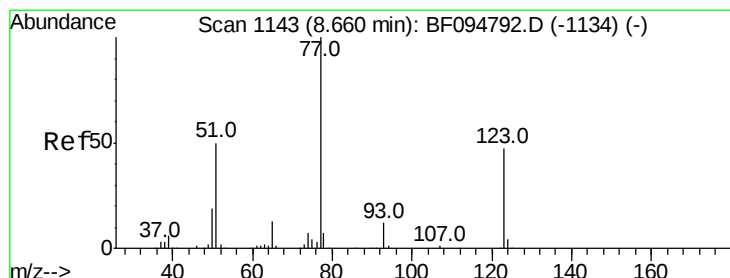
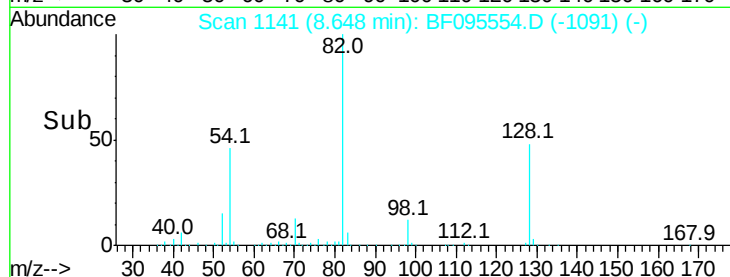
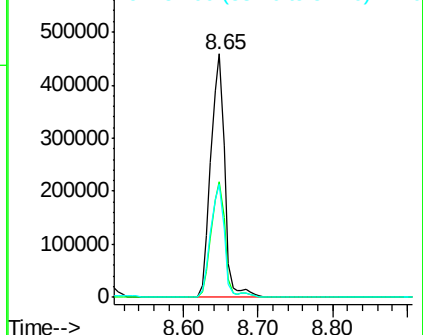
#23
 Nitrobenzene-d5
 Concen: 83.46 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.01 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 82 Resp: 595950
 Ion Ratio Lower Upper
 82 100
 128 47.6 34.0 51.0
 54 46.3 42.2 63.2

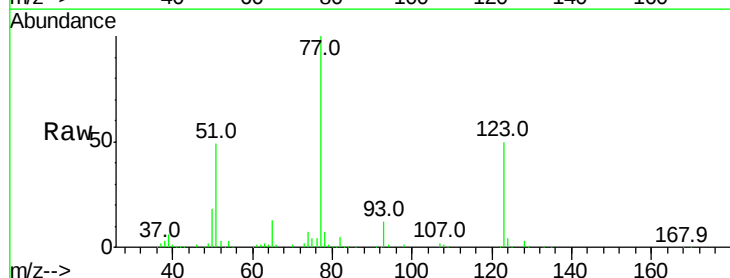


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

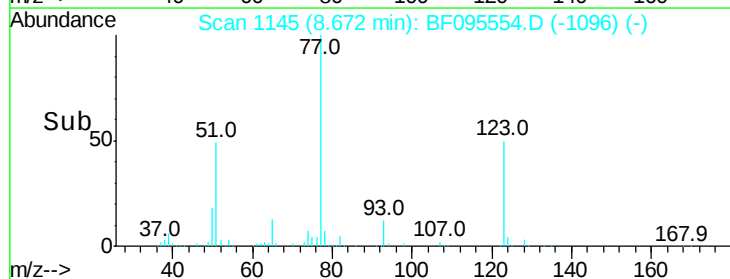
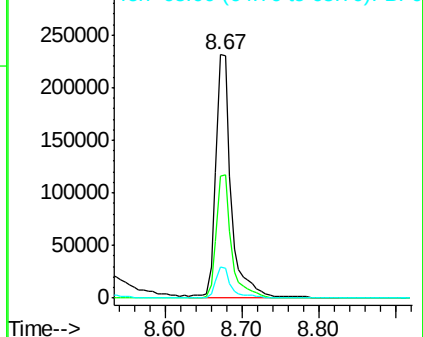


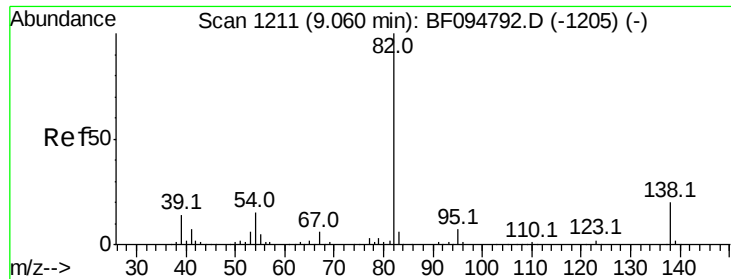
#24
 Nitrobenzene
 Concen: 41.73 ng
 RT: 8.67 min Scan# 1145
 Delta R.T. -0.01 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

Tgt Ion: 77 Resp: 312317
 Ion Ratio Lower Upper
 77 100
 123 49.9 35.8 53.8
 65 12.9 10.6 15.8



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

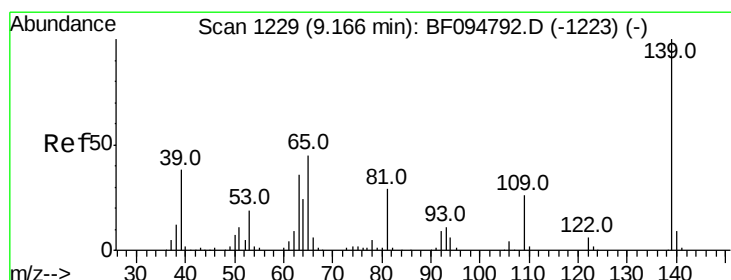
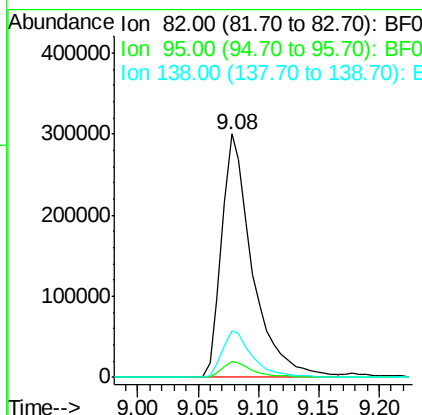
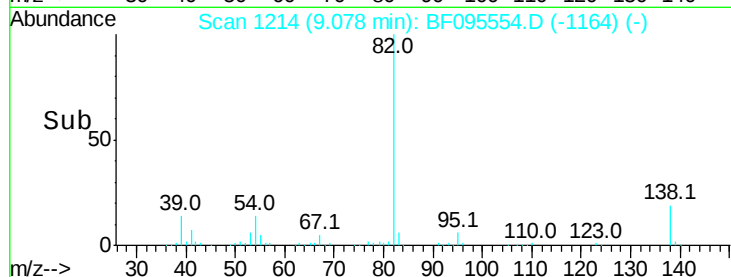
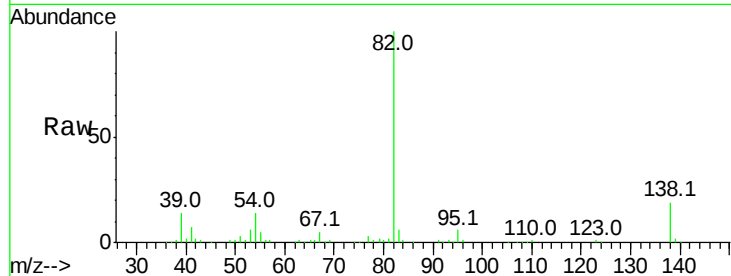




#25
Isophorone
Concen: 41.54 ng
RT: 9.08 min Scan# 1214
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

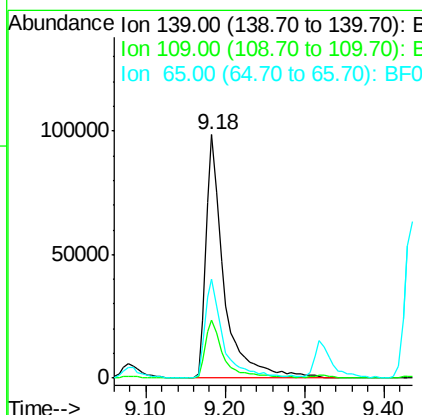
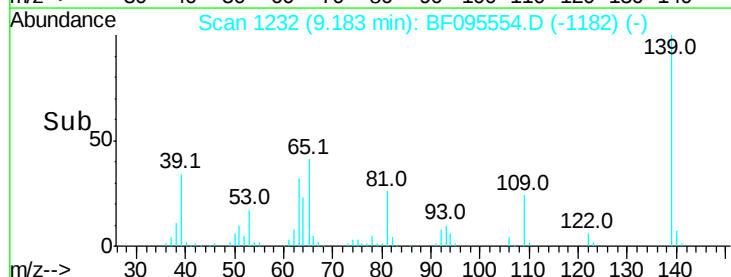
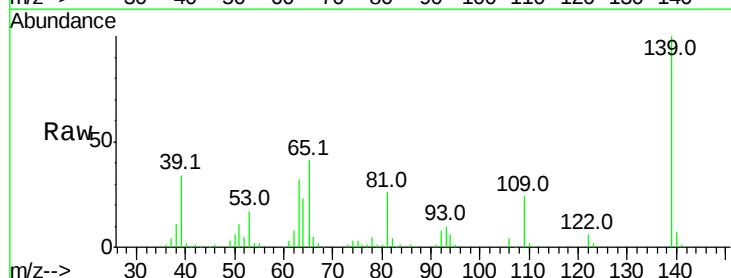
Instrument :
BNA_F
ClientSampleId :

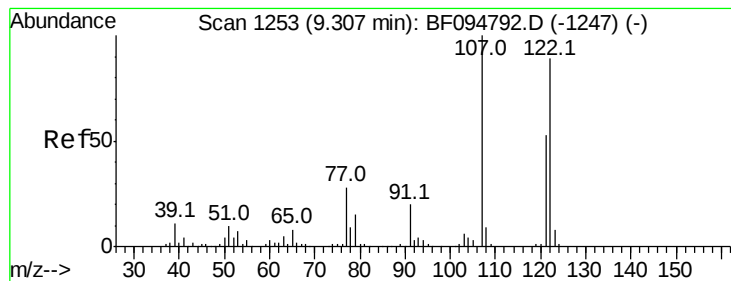
Tot Ion: 82 Resp: 529614
Ion Ratio Lower Upper
82 100
95 6.5 5.3 7.9
138 19.3 13.1 19.7



#26
2-Nitrophenol
Concen: 38.70 ng
RT: 9.18 min Scan# 1232
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

Tgt Ion:139 Resp: 156292
Ion Ratio Lower Upper
139 100
109 23.7 21.0 31.6
65 40.8 33.0 49.6

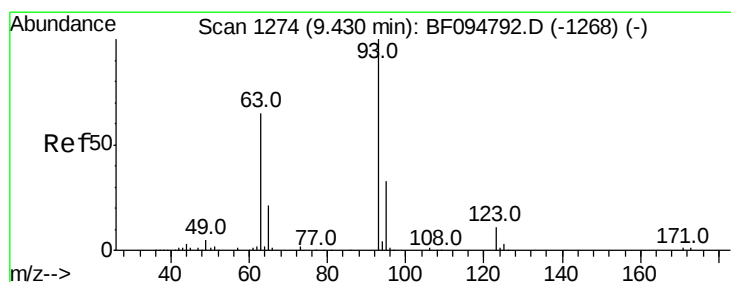
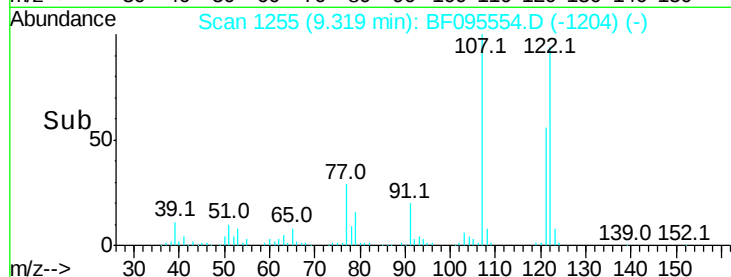
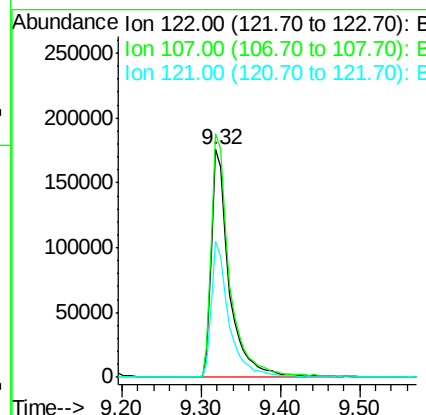
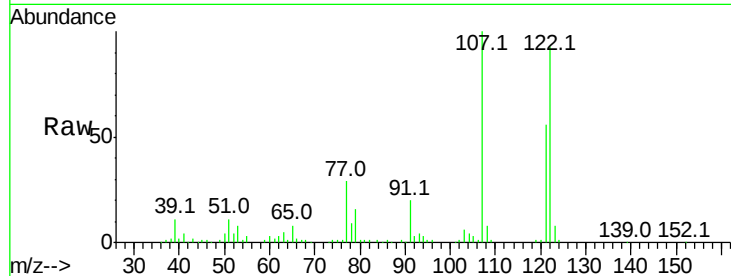




#27
 2,4-Dimethylphenol
 Concen: 42.56 ng
 RT: 9.32 min Scan# 1255
 Delta R.T. 0.00 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

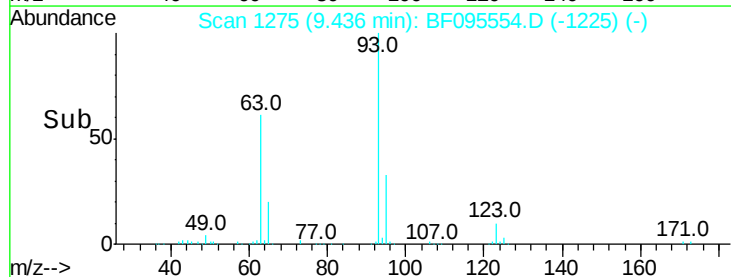
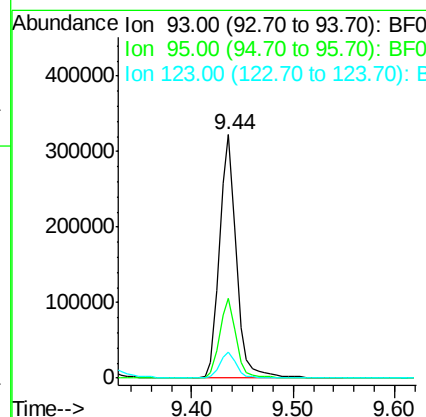
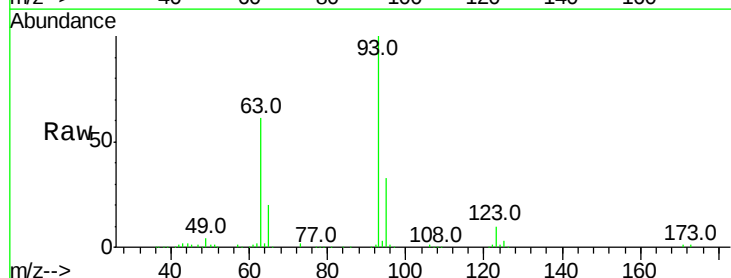
Instrument :
 BNA_F
 ClientSampled :

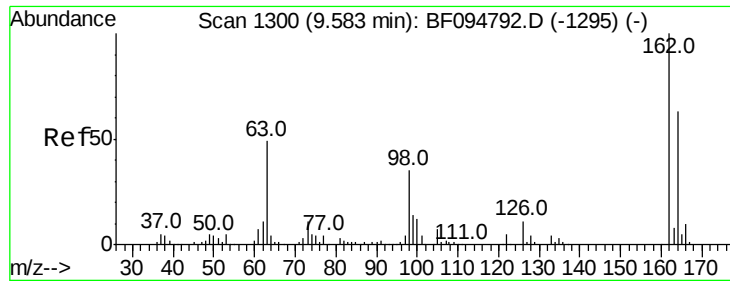
Tot Ion:122 Resp: 277879
 Ion Ratio Lower Upper
 122 100
 107 107.0 89.2 133.8
 121 59.5 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.49 ng
 RT: 9.44 min Scan# 1275
 Delta R.T. -0.01 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

Tgt Ion: 93 Resp: 374795
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.5 39.7
 123 10.5 9.0 13.4

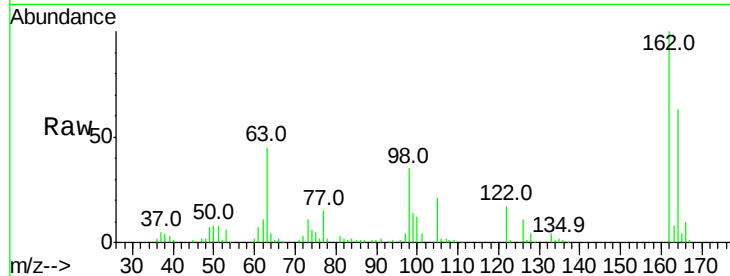




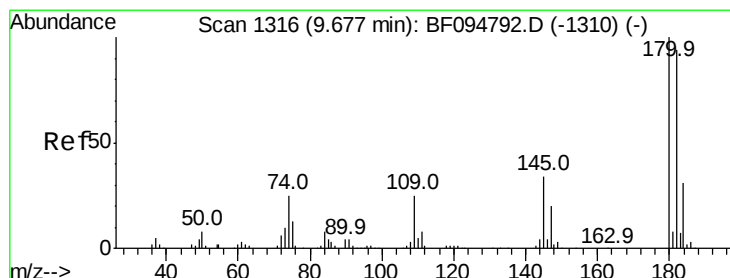
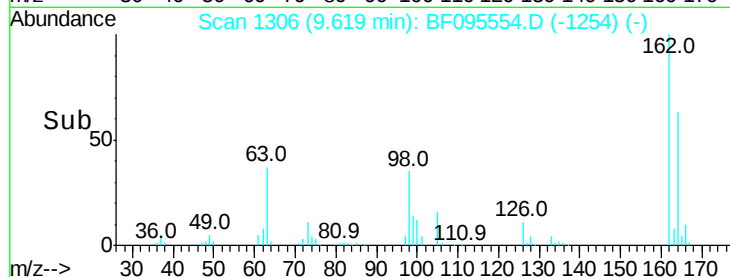
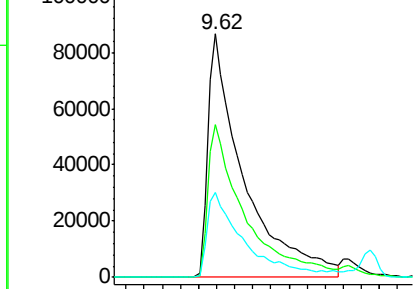
#29
 2,4-Dichlorophenol
 Concen: 38.59 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. 0.01 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.5	44.6	84.6
98	34.8	14.8	54.8

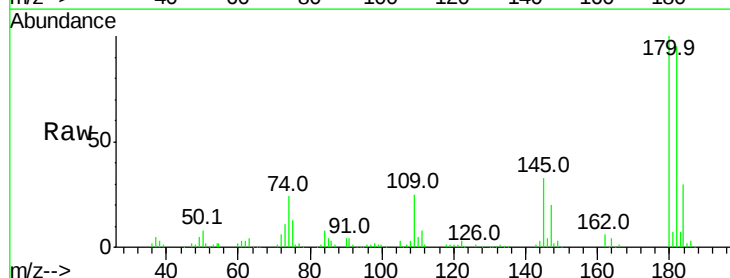


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

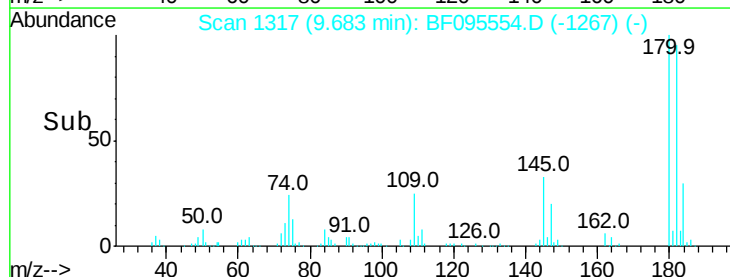
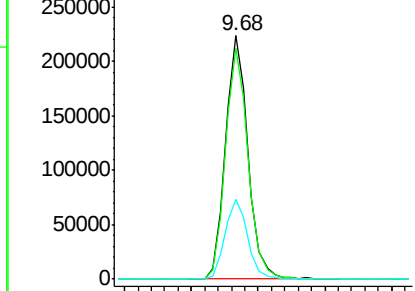


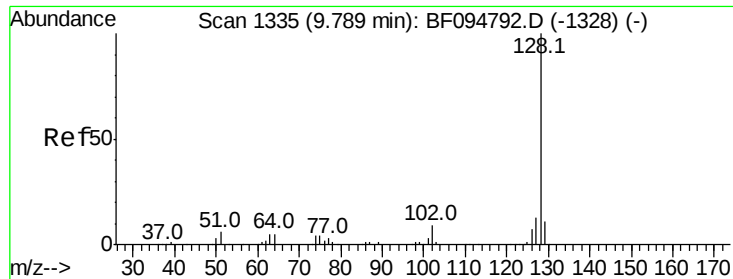
#30
 1,2,4-Trichlorobenzene
 Concen: 40.06 ng
 RT: 9.68 min Scan# 1317
 Delta R.T. -0.01 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	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

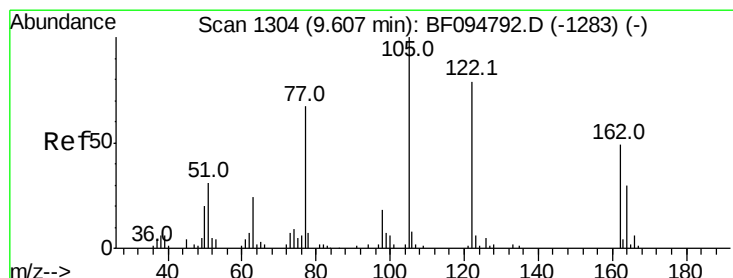
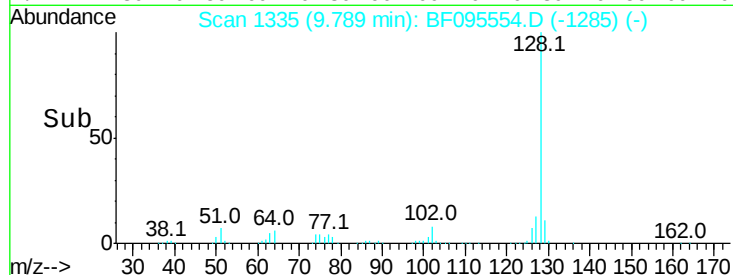
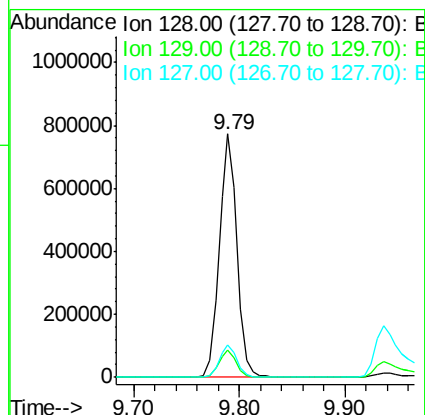
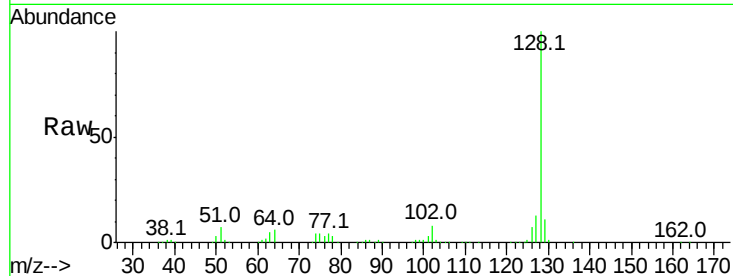




#31
Naphthalene
Concen: 40.03 ng
RT: 9.79 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

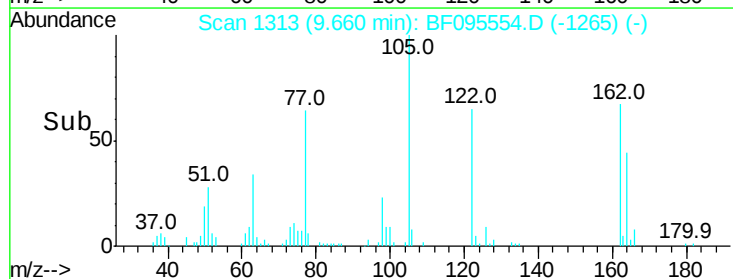
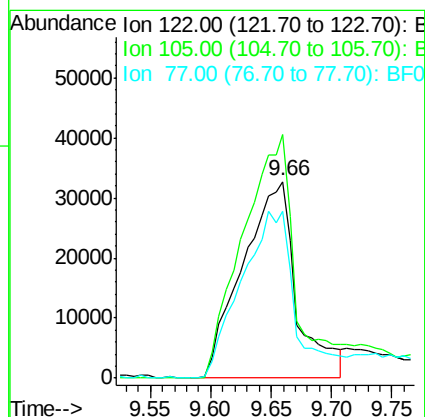
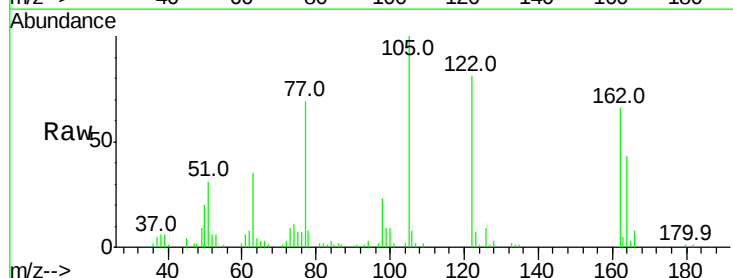
Instrument :
BNA_F
ClientSampleId :

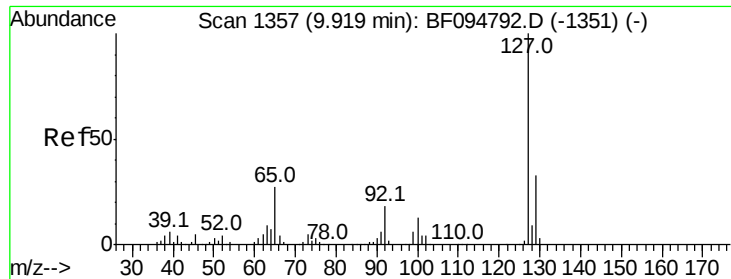
Tot Ion:128 Resp: 905879
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.2 10.8 16.2



#32
Benzoic acid
Concen: 26.39 ng
RT: 9.66 min Scan# 1313
Delta R.T. -0.02 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

Tgt Ion:122 Resp: 102175
Ion Ratio Lower Upper
122 100
105 124.1 103.3 143.3
77 85.1 73.7 113.7

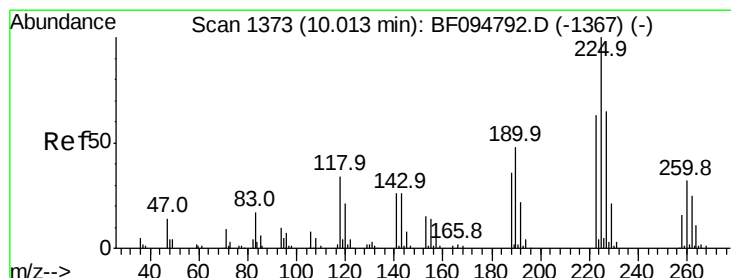
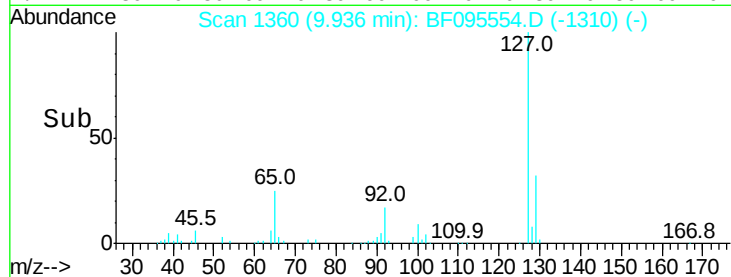
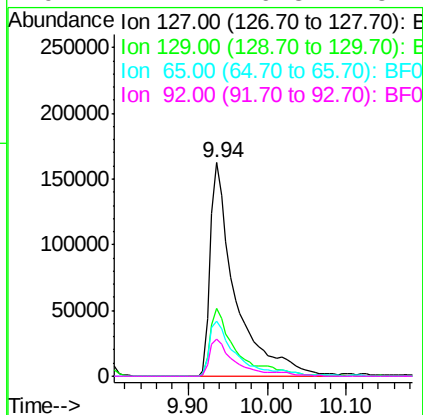
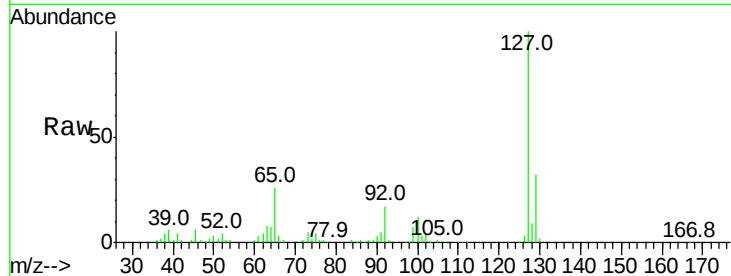




#33
 4-Chloroaniline
 Concen: 42.32 ng
 RT: 9.94 min Scan# 1360
 Delta R.T. -0.01 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

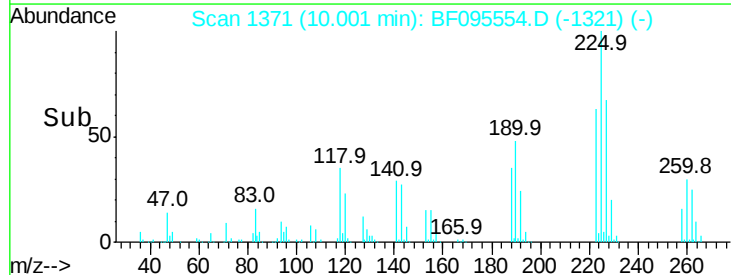
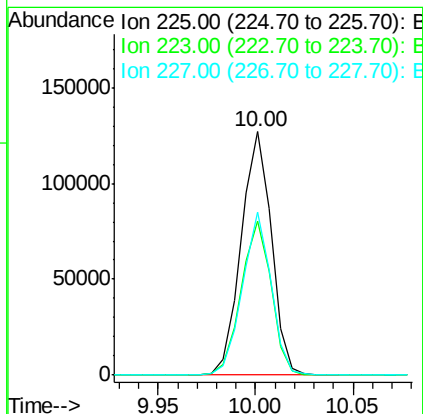
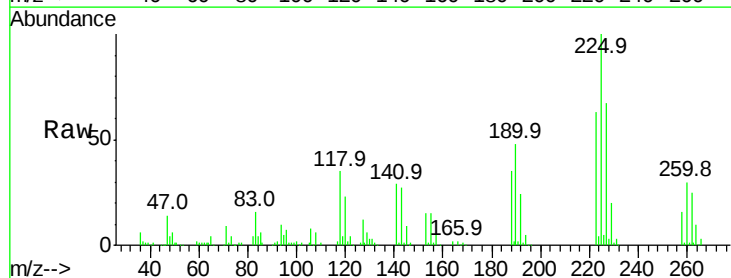
Instrument :
 BNA_F
 ClientSampleId :

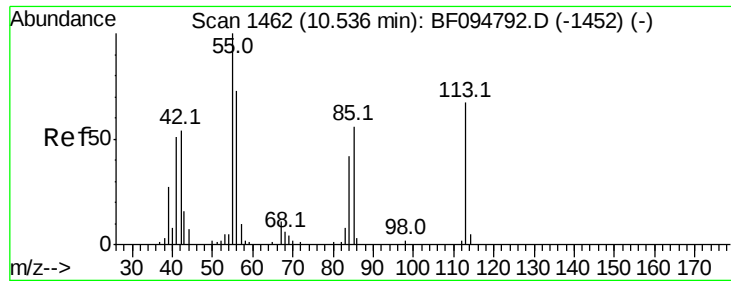
Tot Ion:	127	Resp:	356914
Ion	Ratio	Lower	Upper
127	100		
129	31.8	26.2	39.2
65	25.6	27.8	41.8#
92	17.2	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 39.06 ng
 RT: 10.00 min Scan# 1371
 Delta R.T. -0.01 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

Tgt Ion:	225	Resp:	136134
Ion	Ratio	Lower	Upper
225	100		
223	63.5	48.8	73.2
227	67.1	51.1	76.7





#35

Caprolactam

Concen: 39.52 ng

RT: 10.57 min Scan# 1468

Delta R.T. -0.02 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

Instrument :

BNA_F

ClientSampled :

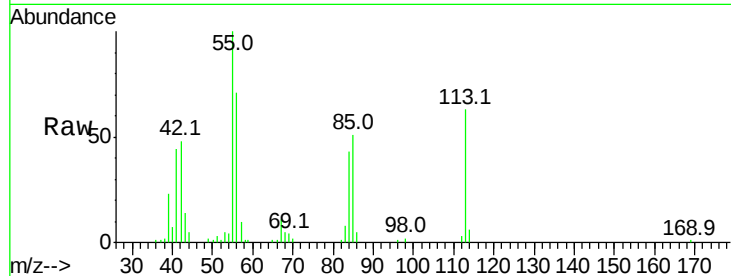
Tot Ion:113 Resp: 73159

Ion Ratio Lower Upper

113 100

55 159.2 150.2 190.2

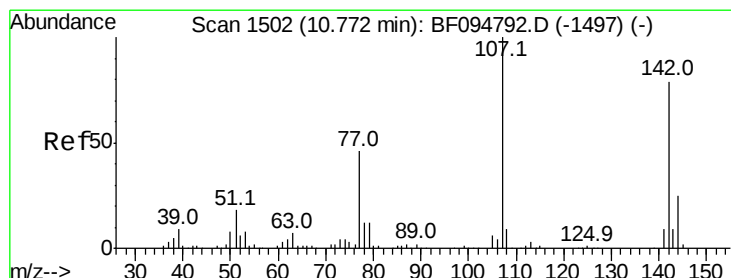
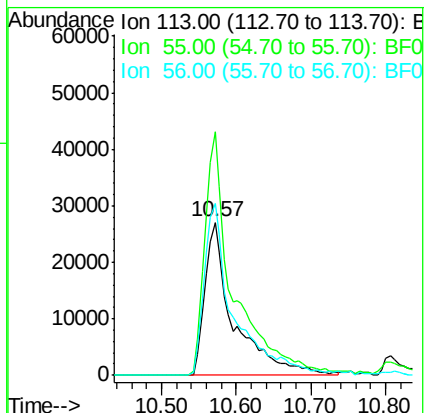
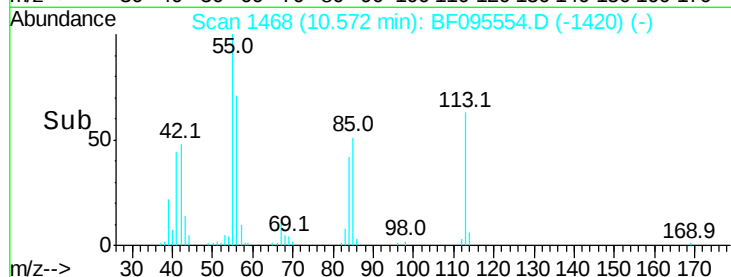
56 112.4 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 38.31 ng

RT: 10.81 min Scan# 1508

Delta R.T. 0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

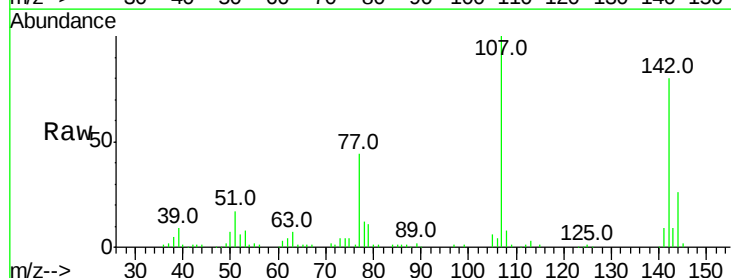
Tgt Ion:107 Resp: 252538

Ion Ratio Lower Upper

107 100

144 25.9 24.2 36.4

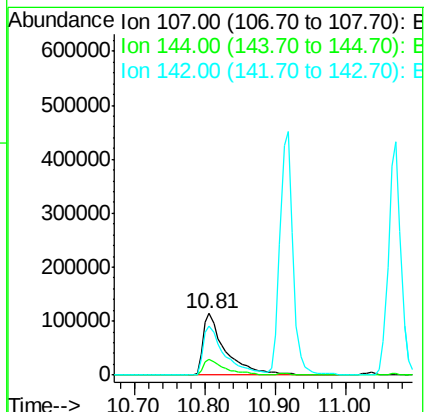
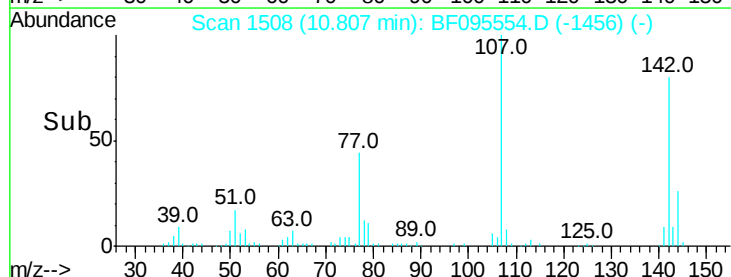
142 80.5 73.4 110.0

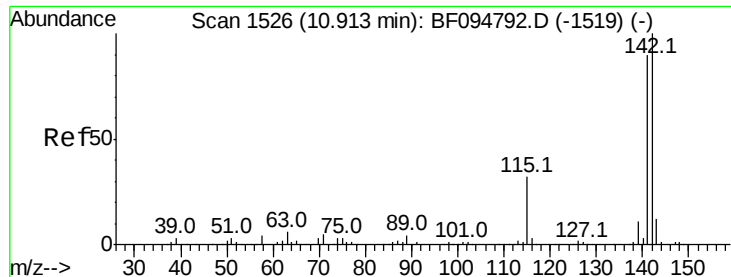


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

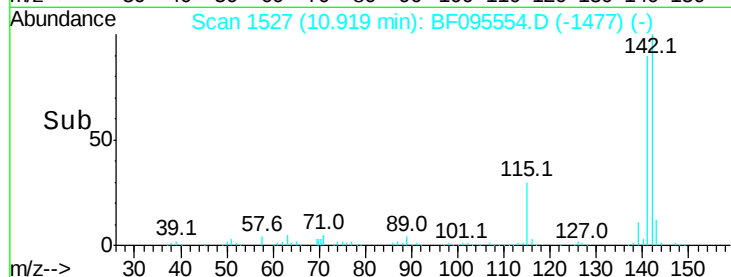
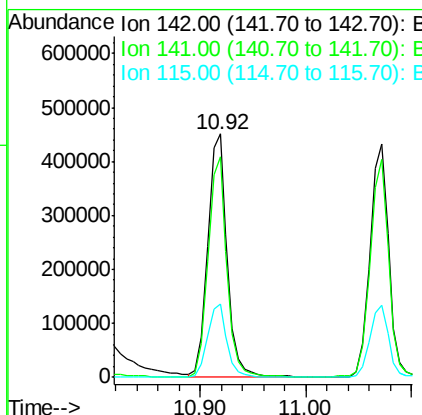
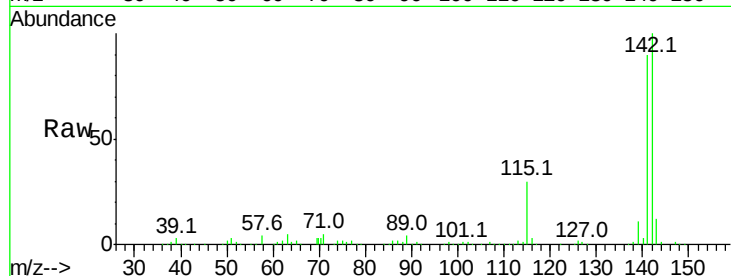




#37
2-Methylnaphthalene
Concen: 39.11 ng
RT: 10.92 min Scan# 1527
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

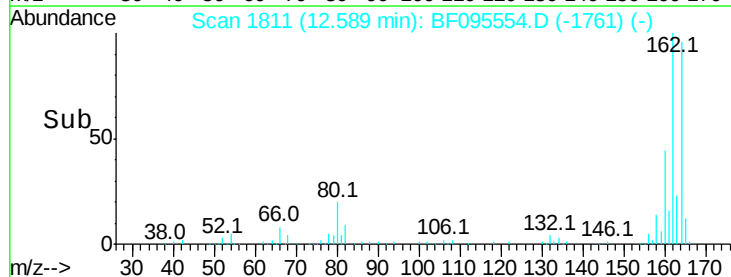
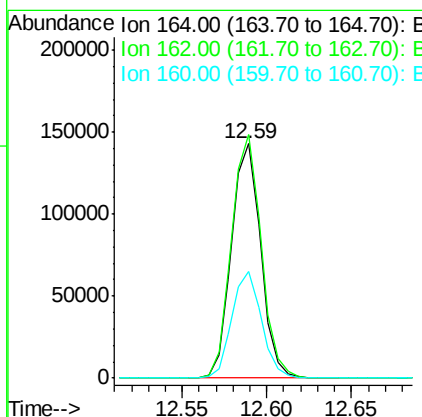
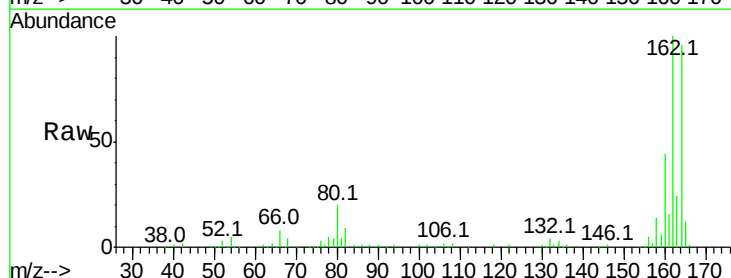
Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 580792
Ion Ratio Lower Upper
142 100
141 90.4 71.3 106.9
115 29.9 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: BF095554.D
Acq: 31 May 2017 2:18

Tgt Ion:164 Resp: 171718
Ion Ratio Lower Upper
164 100
162 103.8 82.6 123.8
160 45.5 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.07 ng

RT: 11.20 min Scan# 1575

Delta R.T. 0.00 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

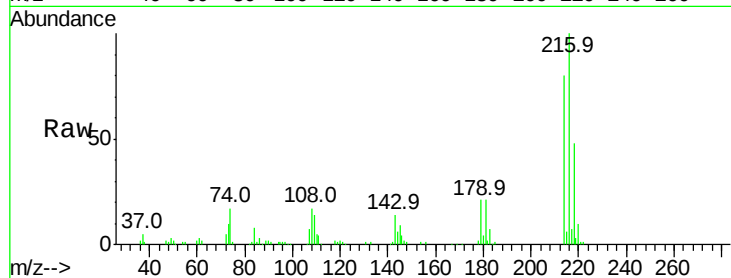
Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 232717

Ion	Ratio	Lower	Upper
216	100		
214	79.3	63.4	95.2
179	21.7	17.9	26.9
108	17.6	16.5	24.7

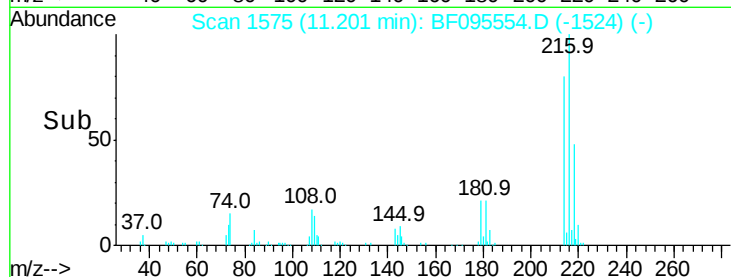


Abundance Ion 216.00 (215.70 to 216.70): E

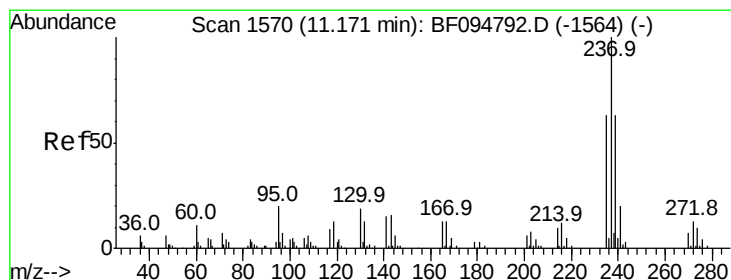
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 11.10 11.20 11.30



#40

Hexachlorocyclopentadiene

Concen: 6.97 ng

RT: 11.17 min Scan# 1569

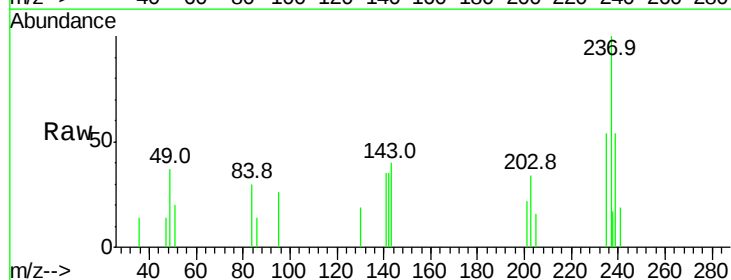
Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

Tgt Ion:237 Resp: 2185

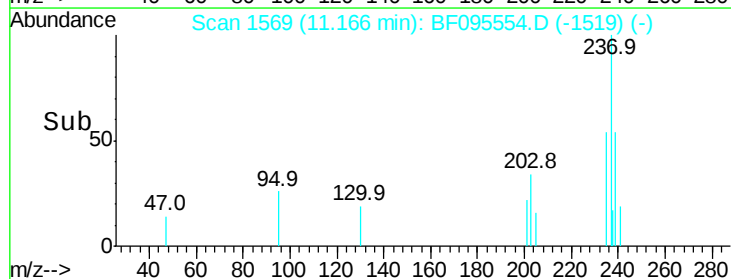
Ion	Ratio	Lower	Upper
237	100		
235	54.1	42.6	82.6
272	0.0	0.0	31.9



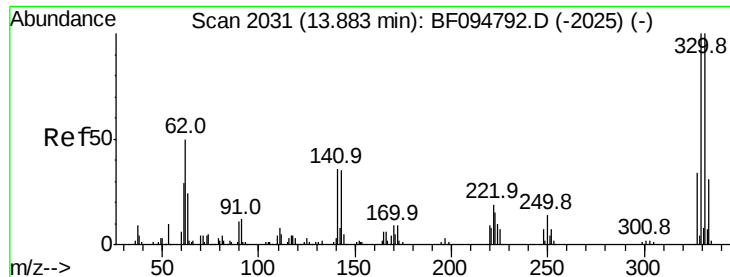
Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



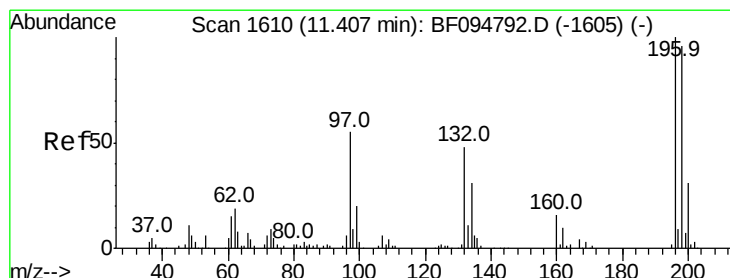
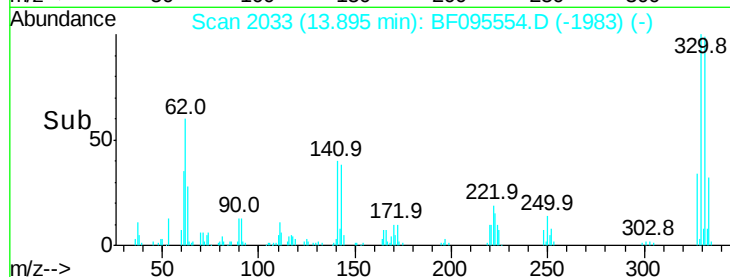
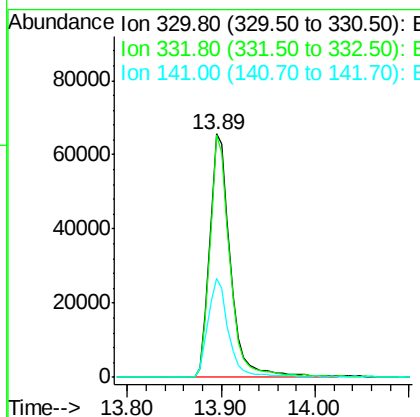
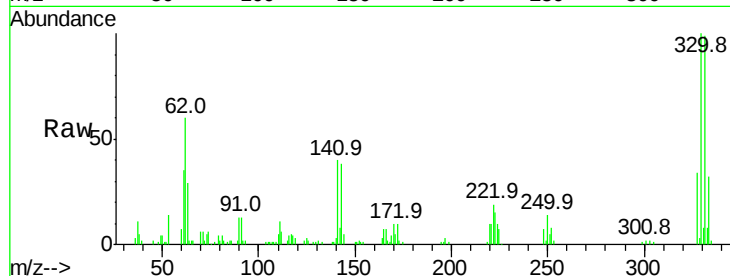
Time--> 11.14 11.16 11.18



#41
 2,4,6-Tribromophenol
 Concen: 72.97 ng
 RT: 13.89 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

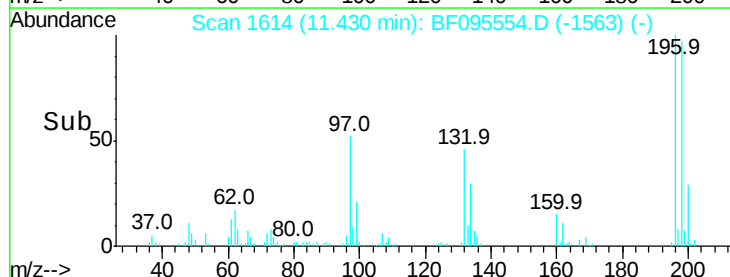
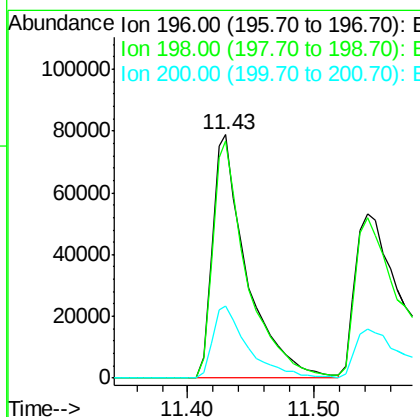
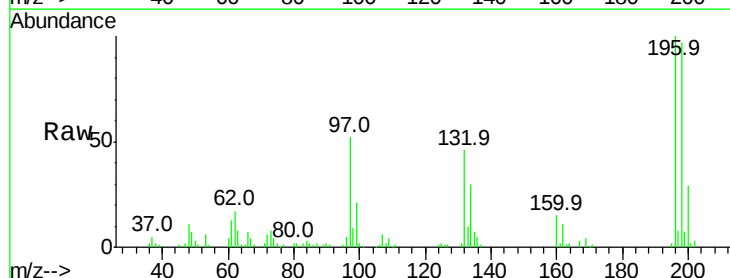
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 102624
 Ion Ratio Lower Upper
 330 100
 332 95.6 76.6 115.0
 141 40.0 31.4 47.2



#42
 2,4,6-Trichlorophenol
 Concen: 42.16 ng
 RT: 11.43 min Scan# 1614
 Delta R.T. 0.00 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

Tgt Ion:196 Resp: 148642
 Ion Ratio Lower Upper
 196 100
 198 97.4 74.2 111.4
 200 29.4 24.0 36.0

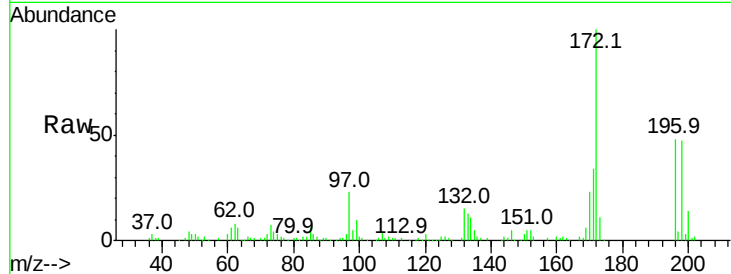




#43
 2,4,5-Trichlorophenol
 Concen: 39.72 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.02 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.3	75.7	113.5
97	47.6	47.7	71.5#
132	31.6	28.0	42.0



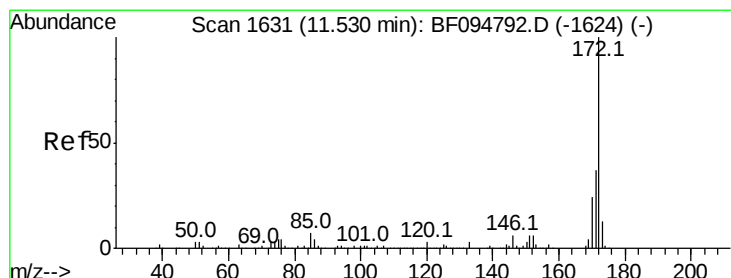
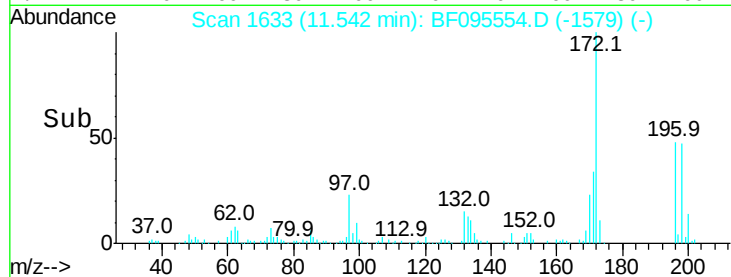
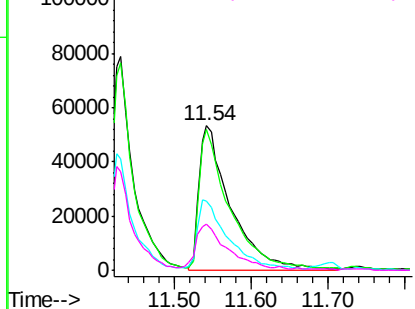
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

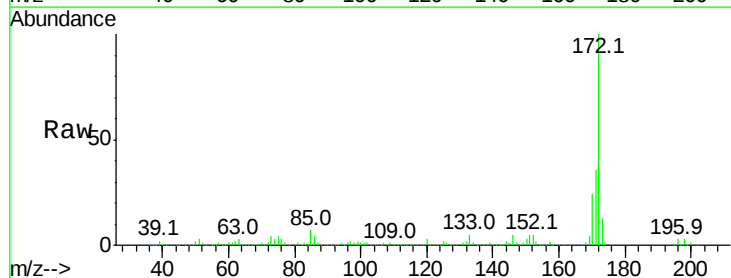
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 86.98 ng
 RT: 11.53 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.6	19.8	29.8

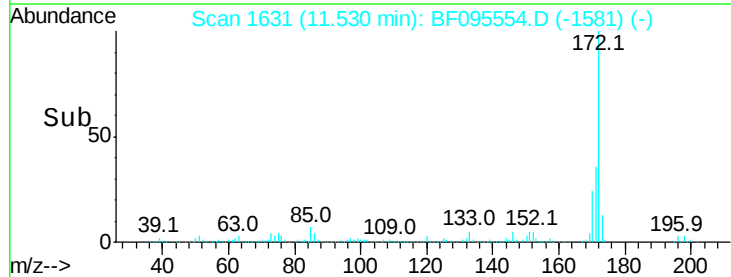
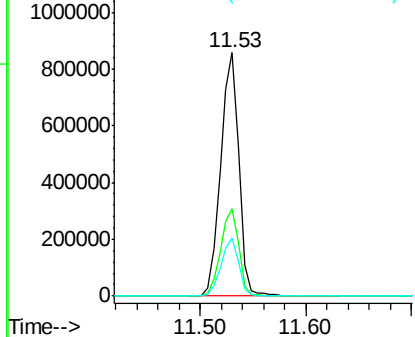


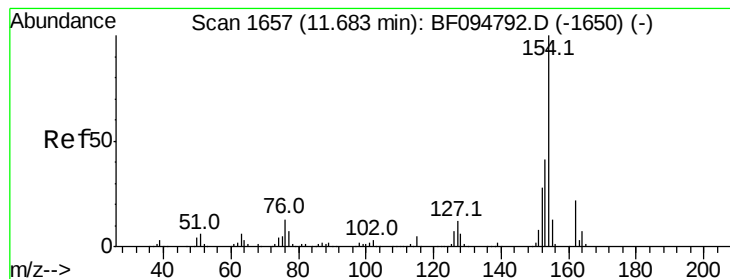
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 44.09 ng

RT: 11.68 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

Instrument :

BNA_F

ClientSampleId :

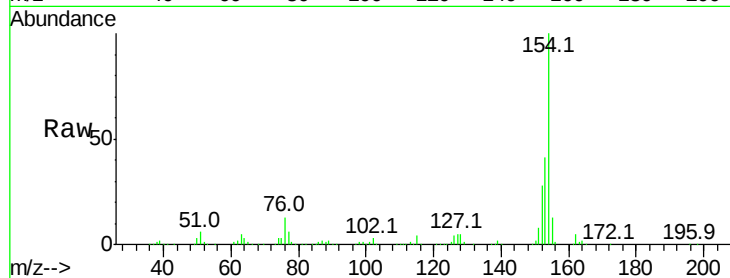
Tot Ion:154 Resp: 637497

Ion Ratio Lower Upper

154 100

153 40.6 21.2 61.2

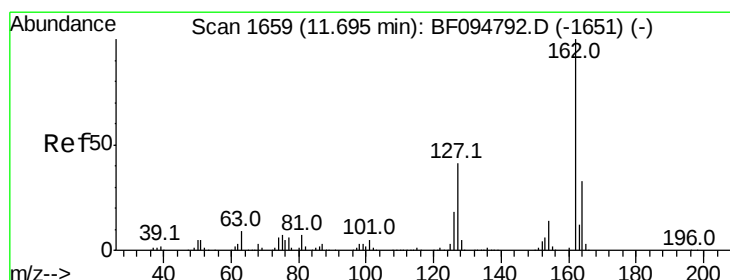
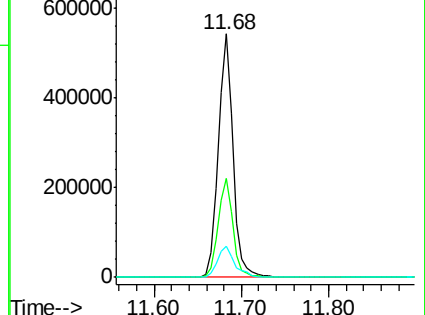
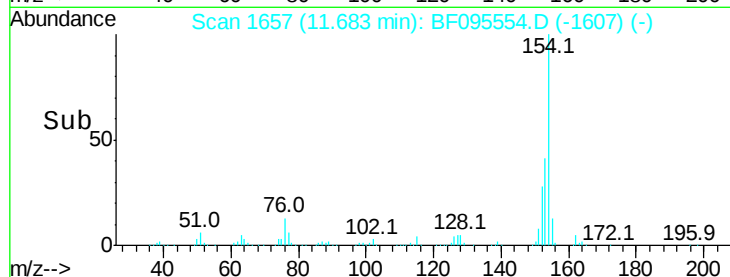
76 12.8 0.0 29.9



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: 42.18 ng

RT: 11.70 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

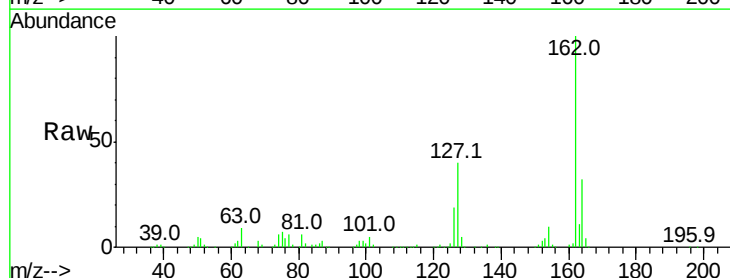
Tgt Ion:162 Resp: 492360

Ion Ratio Lower Upper

162 100

127 40.3 28.3 42.5

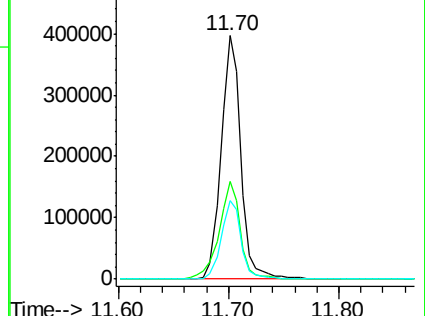
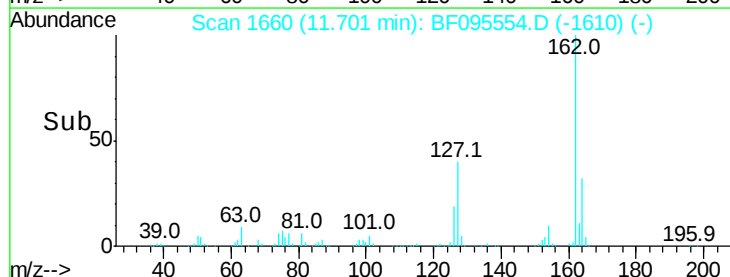
164 32.4 27.0 40.4

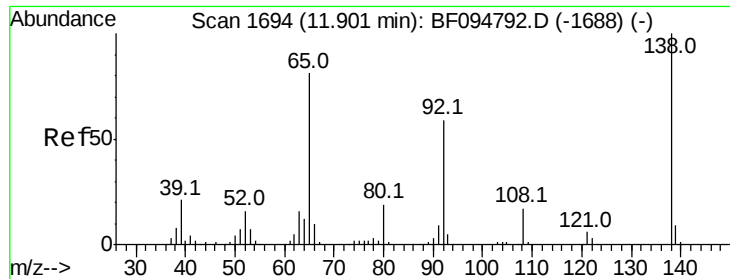


Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

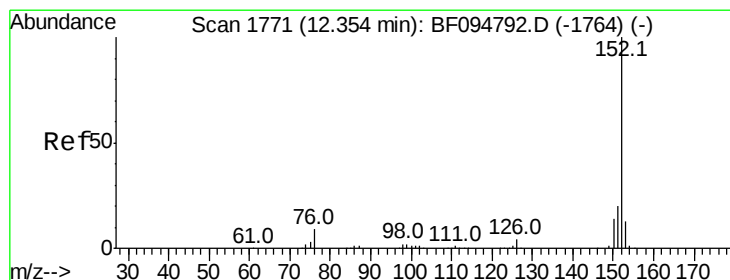
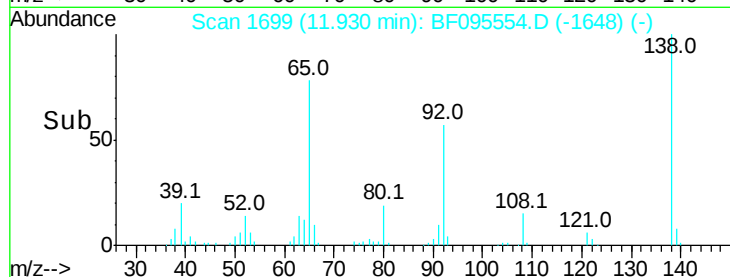
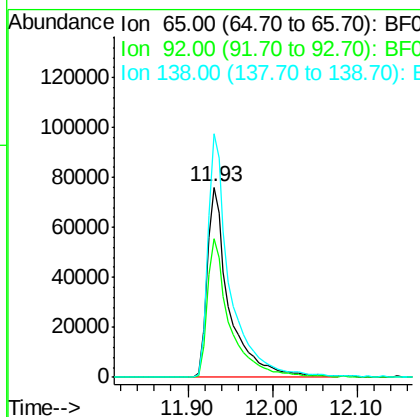
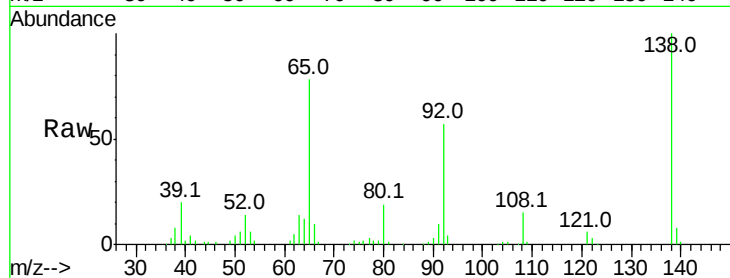




#47
 2-Nitroaniline
 Concen: 43.53 ng
 RT: 11.93 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

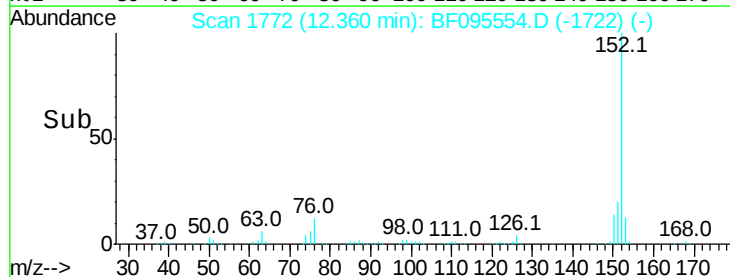
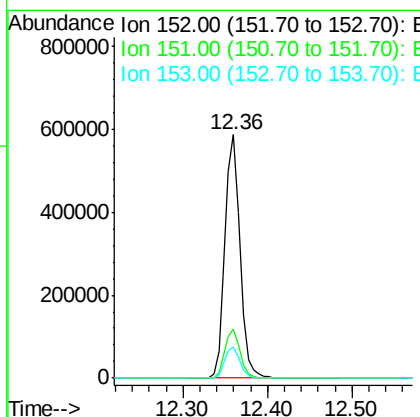
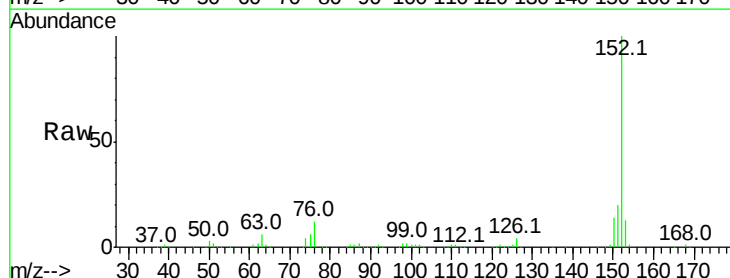
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 139103
 Ion Ratio Lower Upper
 65 100
 92 72.7 53.9 80.9
 138 128.1 78.8 118.2#



#48
 Acenaphthylene
 Concen: 39.74 ng
 RT: 12.36 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

Tgt Ion:152 Resp: 726600
 Ion Ratio Lower Upper
 152 100
 151 20.3 16.8 25.2
 153 12.9 10.8 16.2





#49

Dimethylphthalate

Concen: 42.93 ng

RT: 12.23 min Scan# 1750

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

Instrument :

BNA_F

ClientSampleId :

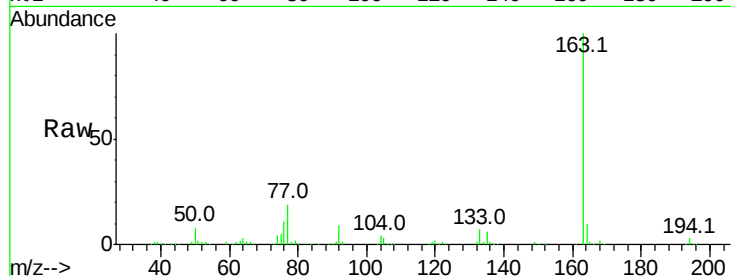
Tot Ion:163 Resp: 605199

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

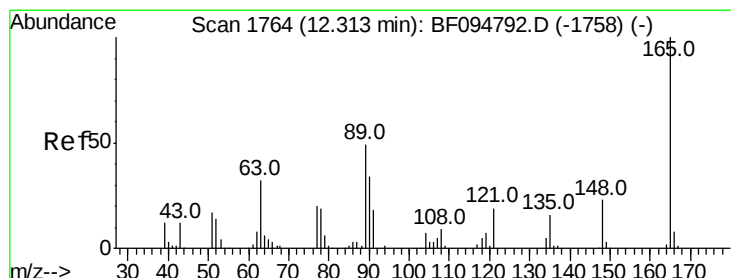
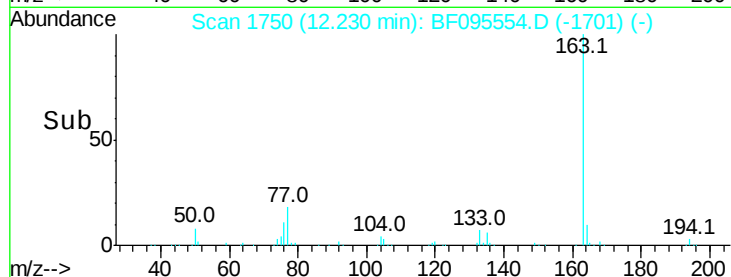
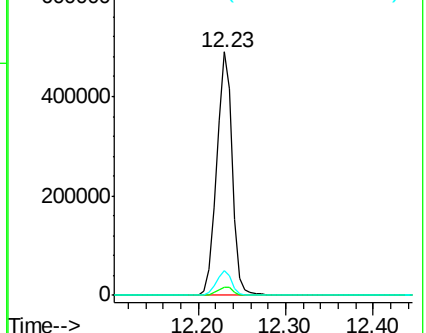
164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 35.58 ng

RT: 12.33 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

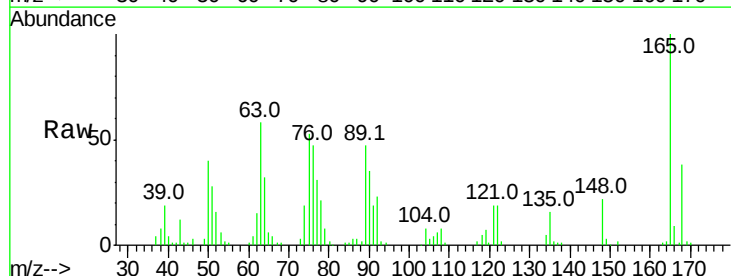
Tgt Ion:165 Resp: 102315

Ion Ratio Lower Upper

165 100

63 57.7 34.3 51.5#

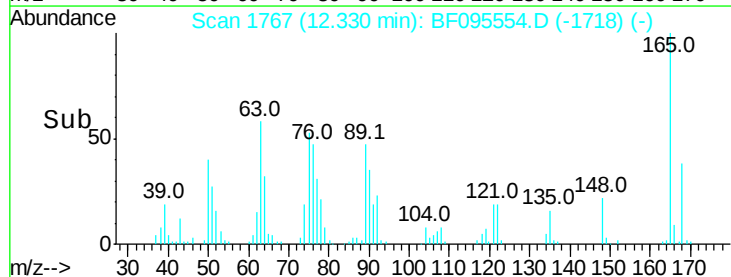
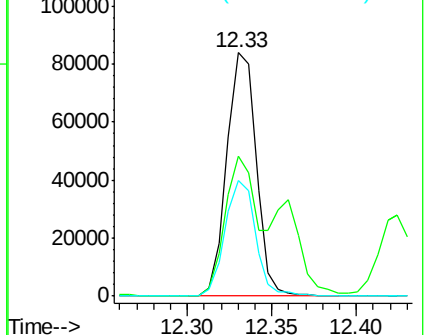
89 47.4 37.1 55.7

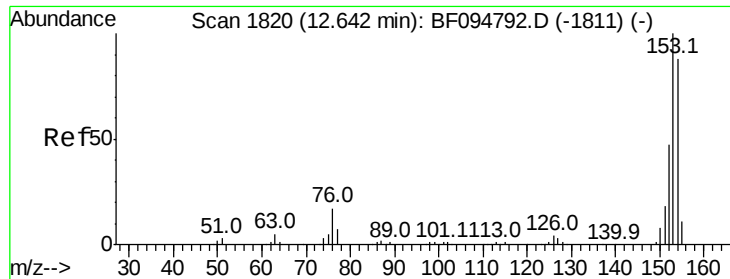


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.53 ng

RT: 12.64 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

Instrument :

BNA_F

ClientSampled :

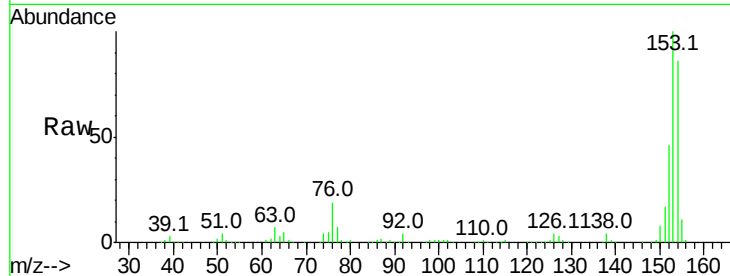
Tot Ion:154 Resp: 431711

Ion Ratio Lower Upper

154 100

153 115.8 90.5 135.7

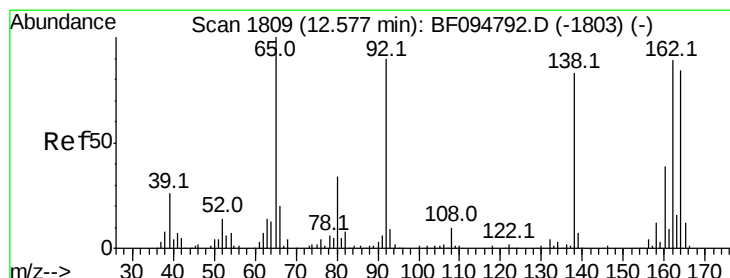
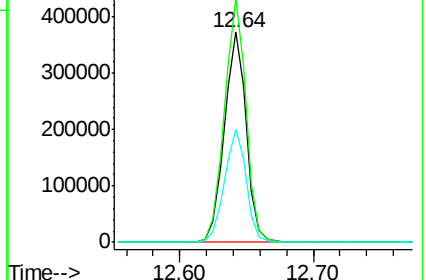
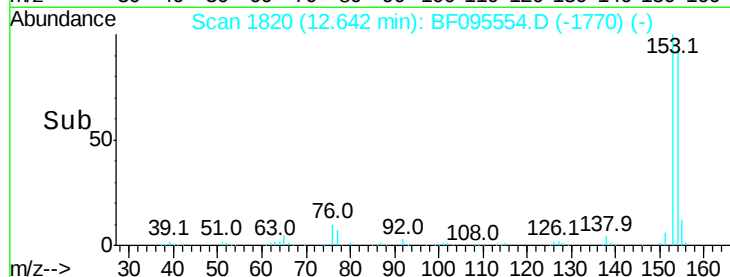
152 53.6 43.6 65.4



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: 43.72 ng

RT: 12.61 min Scan# 1815

Delta R.T. 0.00 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

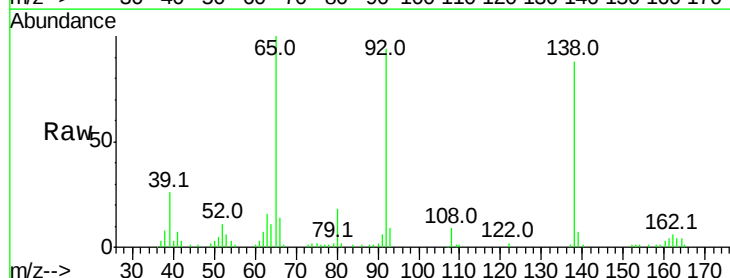
Tgt Ion:138 Resp: 134967

Ion Ratio Lower Upper

138 100

108 10.8 9.1 13.7

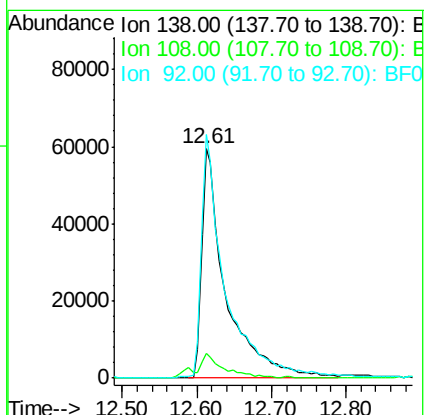
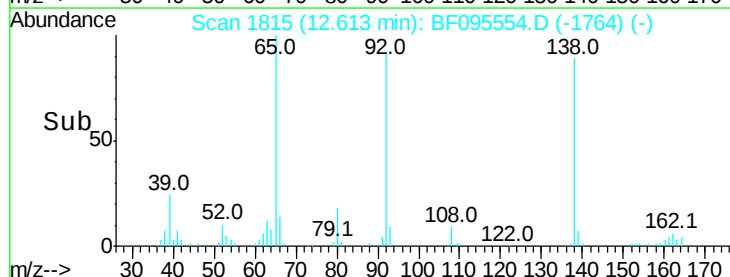
92 106.1 93.8 140.6

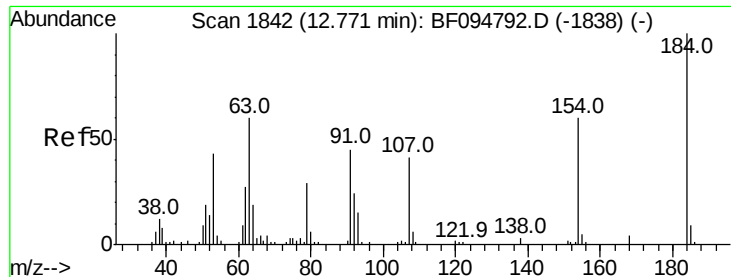


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

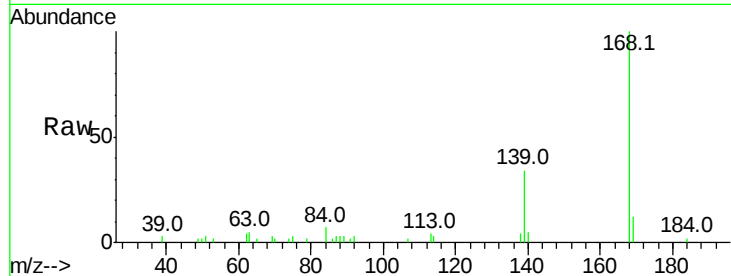




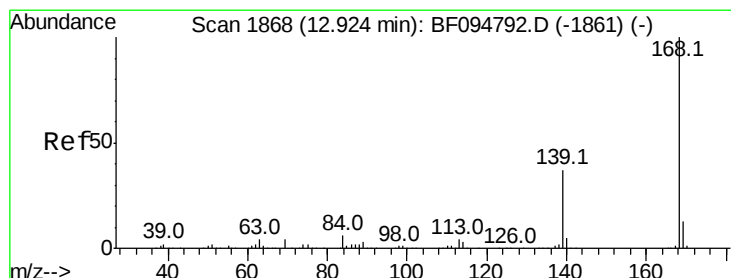
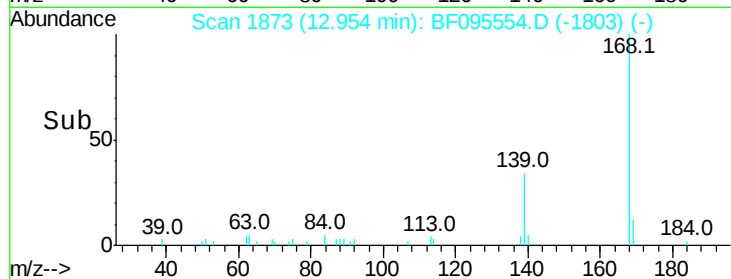
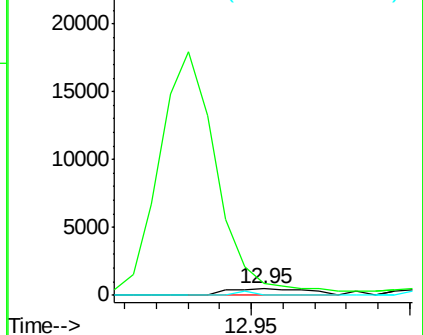
#53
 2,4-Dinitrophenol
 Concen: 6.74 ng
 RT: 12.95 min Scan# 1873
 Delta R.T. 0.11 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 855
 Ion Ratio Lower Upper
 184 100
 63 186.2 62.7 94.1#
 154 0.0 81.1 121.7#

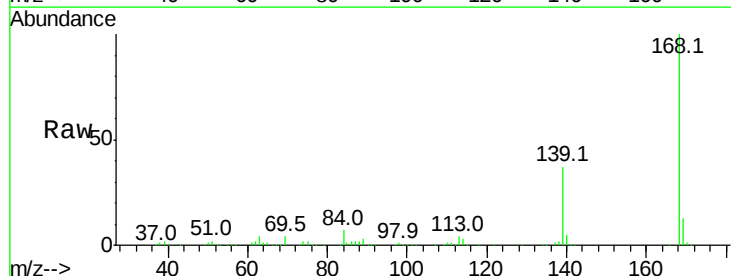


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

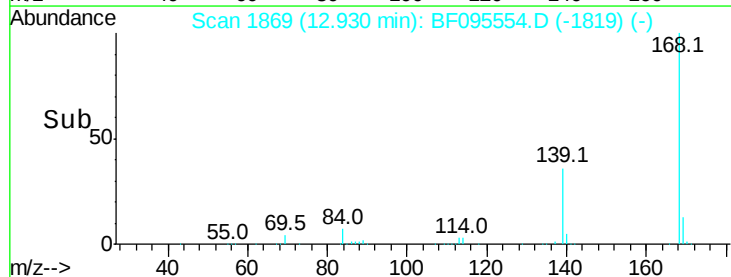
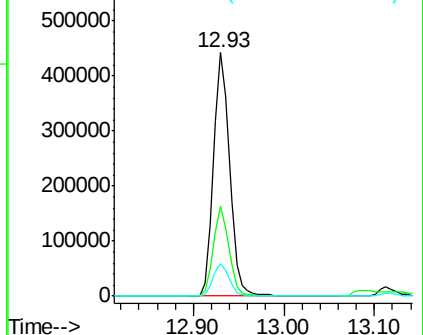


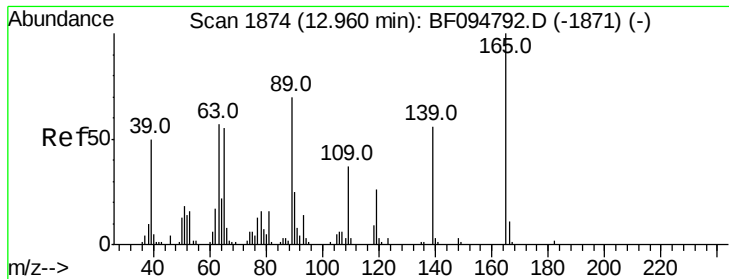
#54
 Dibenzofuran
 Concen: 36.32 ng
 RT: 12.93 min Scan# 1869
 Delta R.T. -0.01 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

Tgt Ion:168 Resp: 548935
 Ion Ratio Lower Upper
 168 100
 139 36.9 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

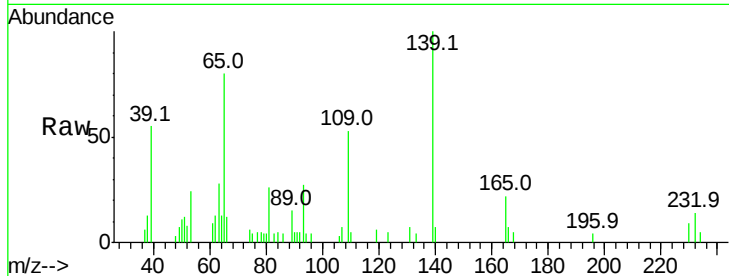




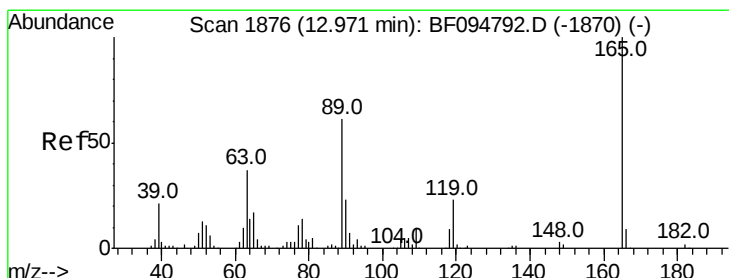
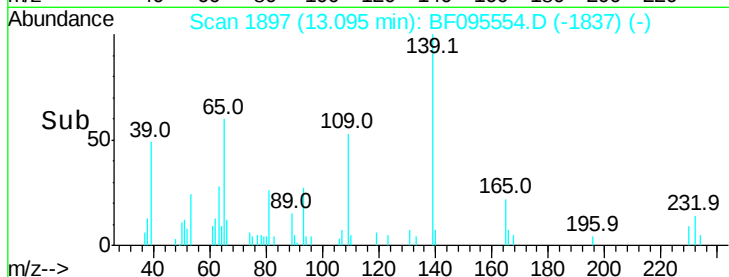
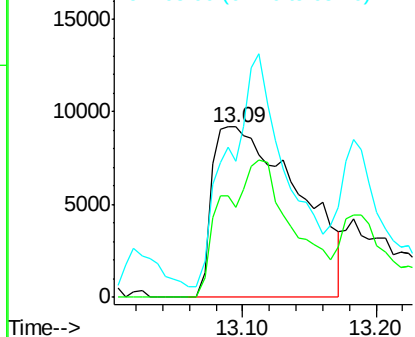
#55
4-Nitrophenol
Concen: 22.23 ng
RT: 13.09 min Scan# 1897
Delta R.T. 0.05 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 41214
Ion Ratio Lower Upper
139 100
109 52.7 34.1 74.1
65 79.9 31.4 71.4#



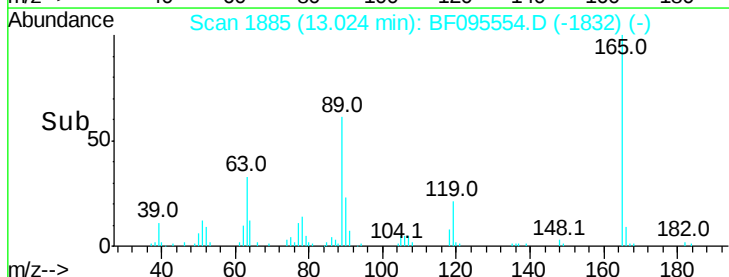
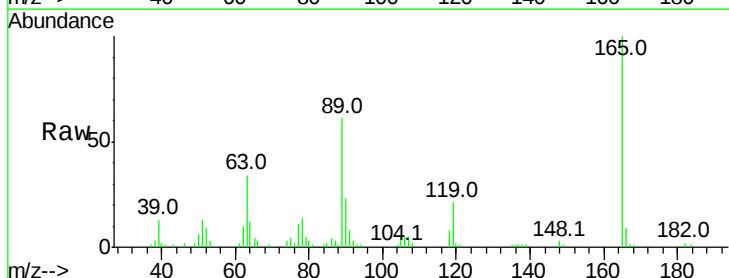
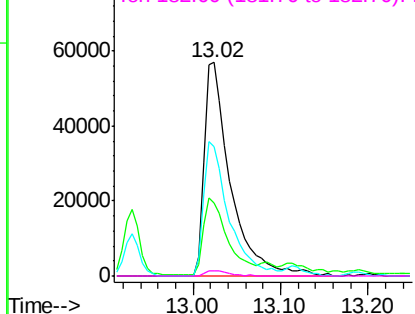
Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

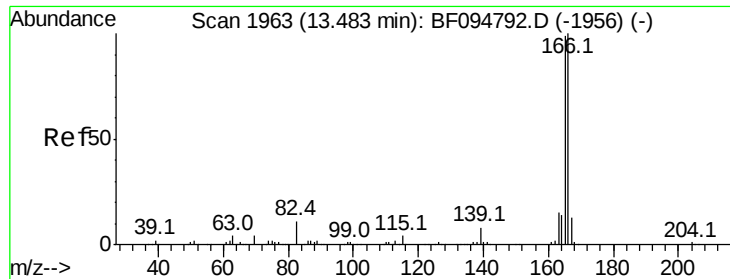


#56
2,4-Dinitrotoluene
Concen: 32.28 ng
RT: 13.02 min Scan# 1885
Delta R.T. 0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

Tgt Ion:165 Resp: 119278
Ion Ratio Lower Upper
165 100
63 34.3 25.4 38.0
89 60.8 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: 36.62 ng

RT: 13.48 min Scan# 1963

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

Instrument :

BNA_F

ClientSampled :

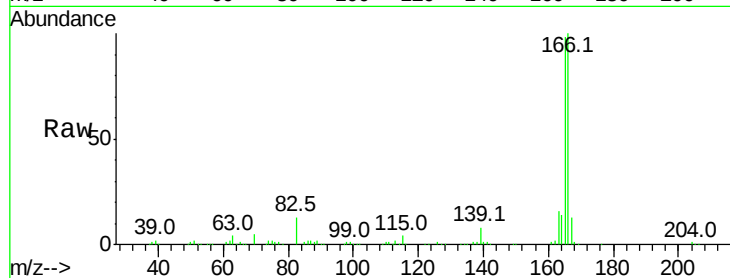
Tot Ion:166 Resp: 481300

Ion Ratio Lower Upper

166 100

165 98.4 78.8 118.2

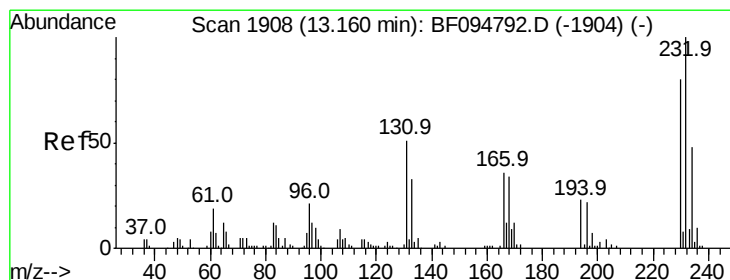
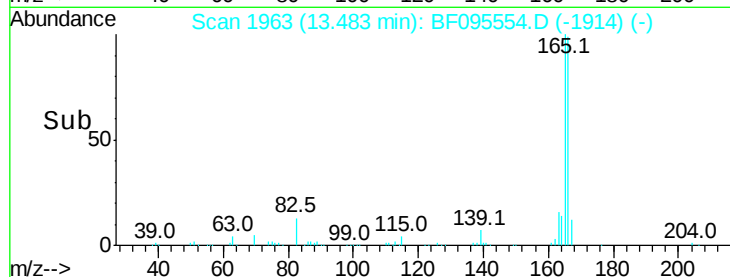
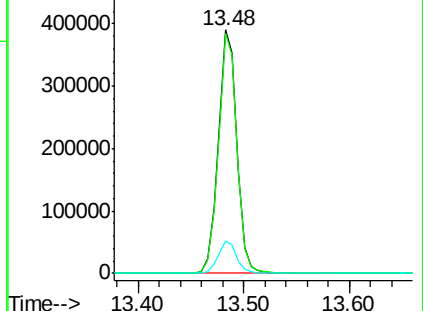
167 13.1 10.6 16.0



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: 35.04 ng

RT: 13.19 min Scan# 1913

Delta R.T. 0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

Tgt Ion:232 Resp: 83570

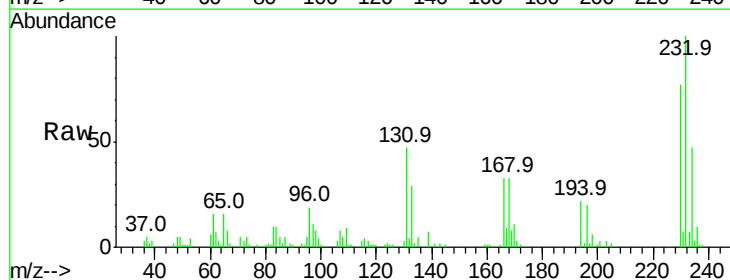
Ion Ratio Lower Upper

232 100

131 51.8 44.8 67.2

130 2.1 2.3 3.5#

166 31.8 29.0 43.4

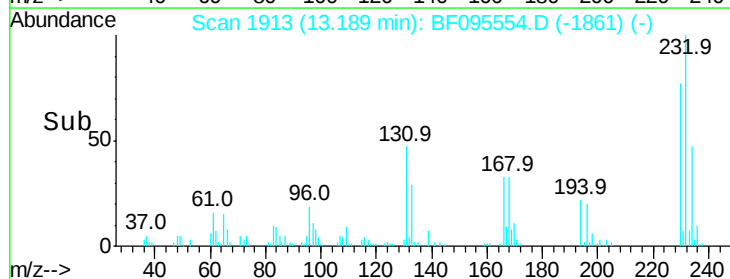
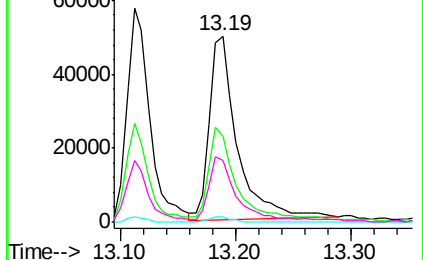


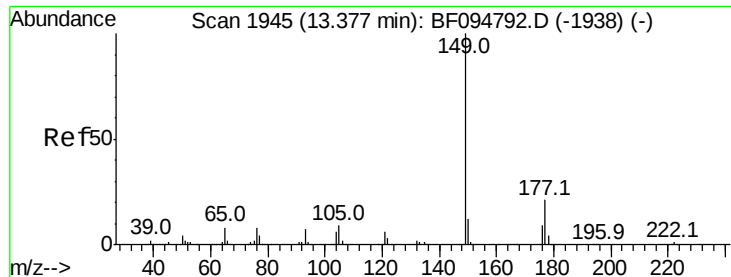
Abundance Ion 232.00 (231.70 to 232.70): E

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

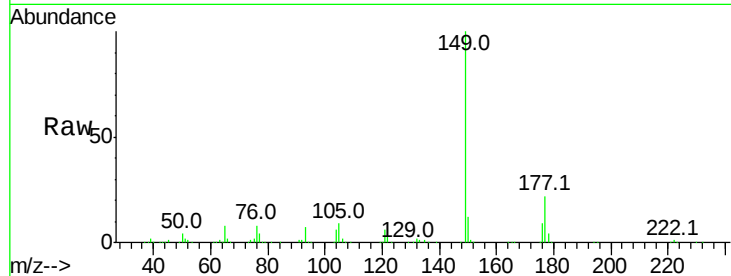




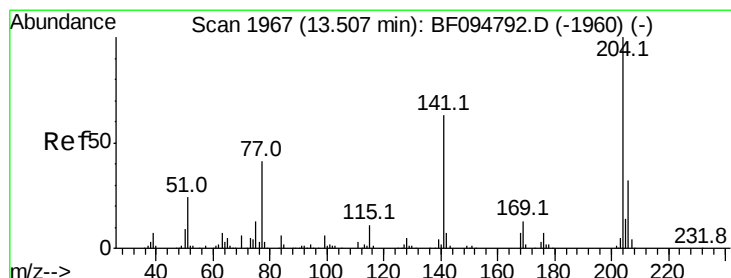
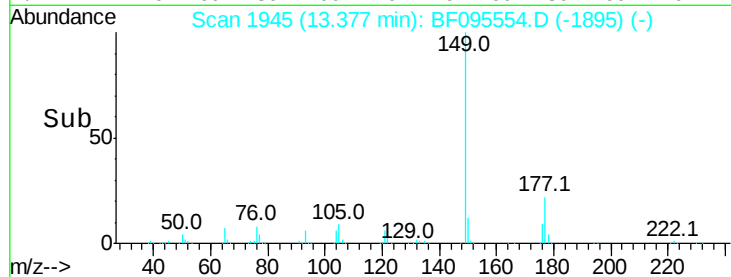
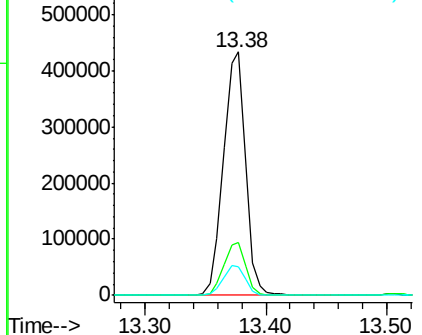
#59
Diethylphthalate
Concen: 40.69 ng
RT: 13.38 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.9	16.7	25.1
150	11.8	10.2	15.2

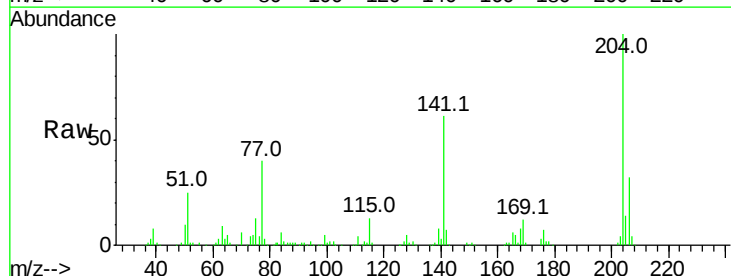


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

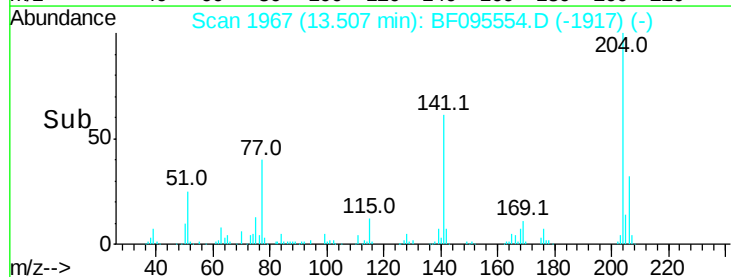
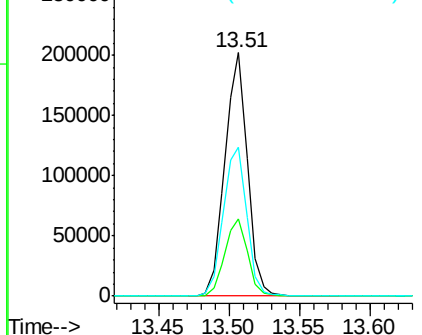


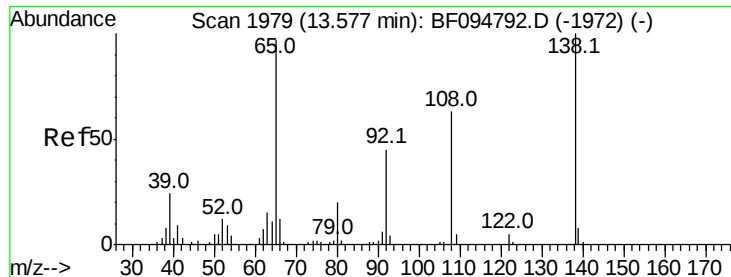
#60
4-Chlorophenyl-phenylether
Concen: 38.78 ng
RT: 13.51 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

Tgt Ion	Ratio	Lower	Upper
204	100		
206	31.8	26.2	39.2
141	61.3	60.8	91.2



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

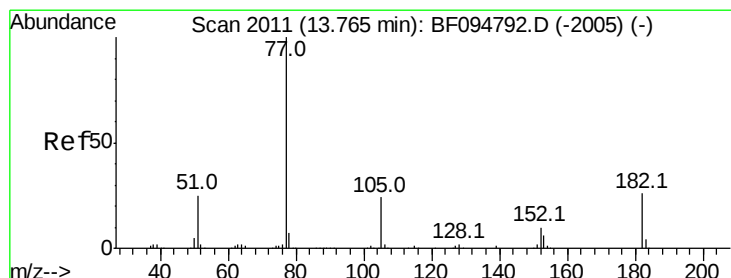
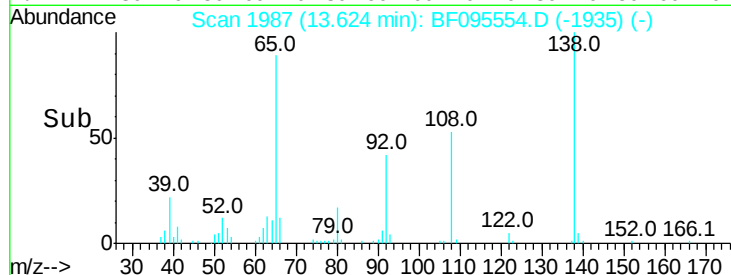
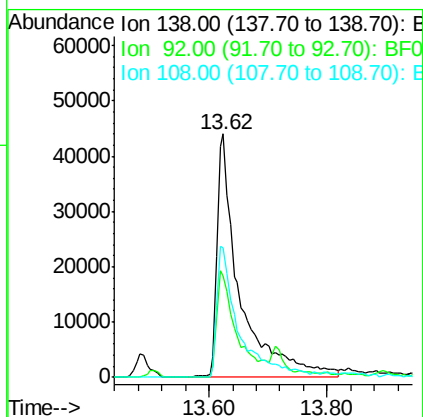
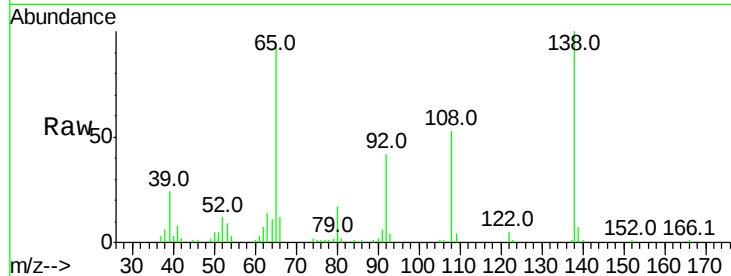




#61
4-Nitroaniline
Concen: 41.65 ng
RT: 13.62 min Scan# 1987
Delta R.T. 0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

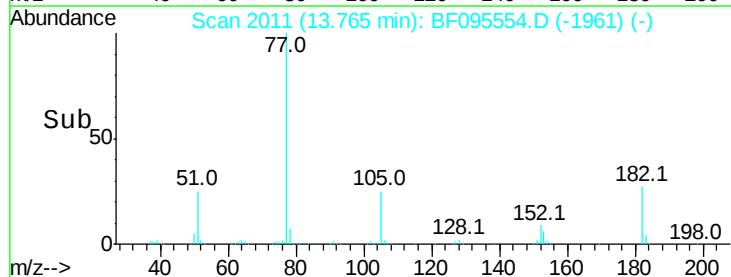
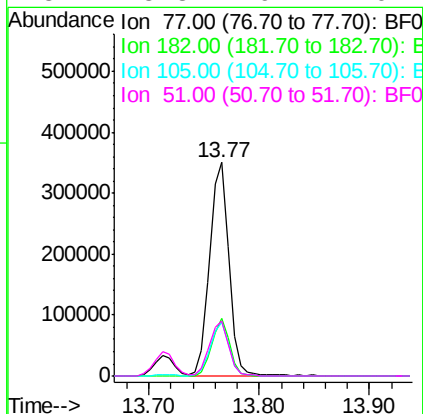
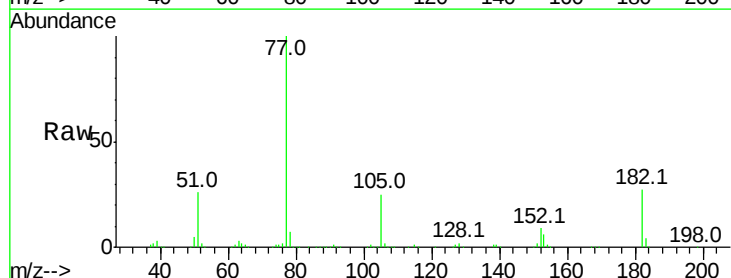
Instrument :
BNA_F
ClientSampled :

Tot Ion:138 Resp: 118020
Ion Ratio Lower Upper
138 100
92 41.5 21.8 61.8
108 53.1 42.3 82.3



#62
Azobenzene
Concen: 38.40 ng
RT: 13.77 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

Tgt Ion: 77 Resp: 416882
Ion Ratio Lower Upper
77 100
182 26.8 0.1 40.1
105 25.2 3.6 43.6
51 25.8 9.4 49.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.99 min Scan# 2220

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

Instrument :

BNA_F

ClientSampleId :

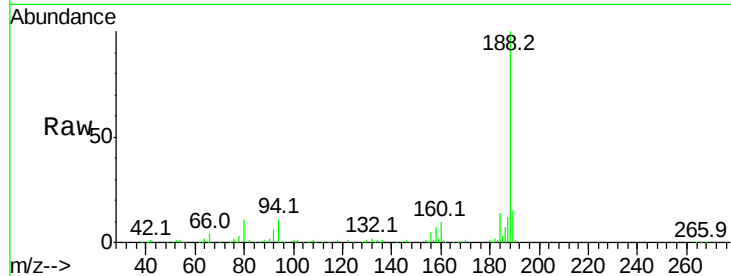
Tot Ion:188 Resp: 272262

Ion Ratio Lower Upper

188 100

94 11.1 9.4 14.2

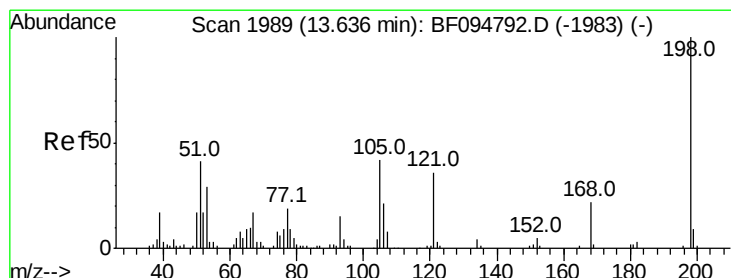
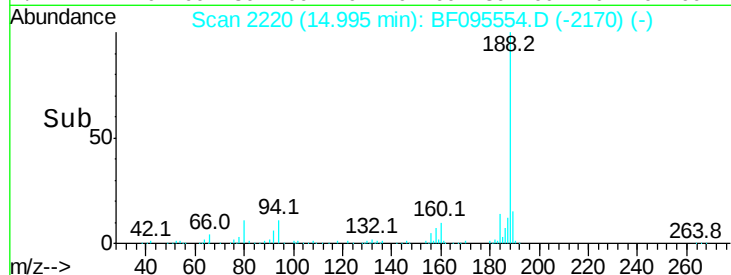
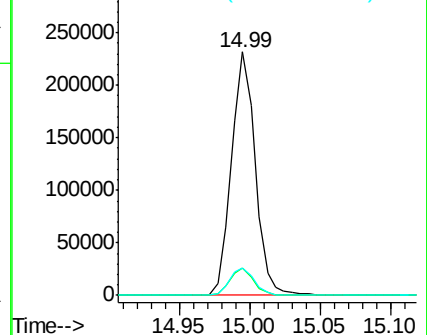
80 11.3 10.2 15.2



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: 4.15 ng

RT: 13.71 min Scan# 2002

Delta R.T. 0.02 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

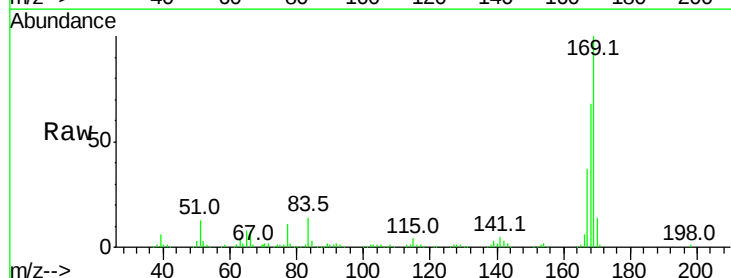
Tgt Ion:198 Resp: 7572

Ion Ratio Lower Upper

198 100

51 1477.9 53.2 93.2#

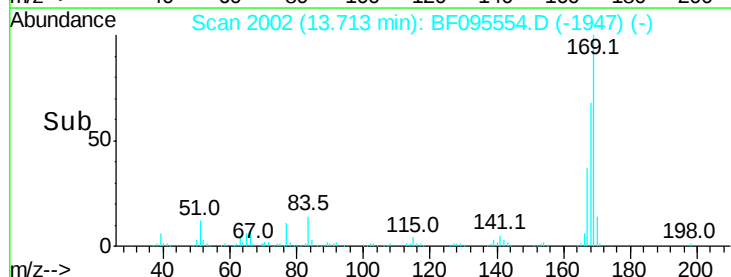
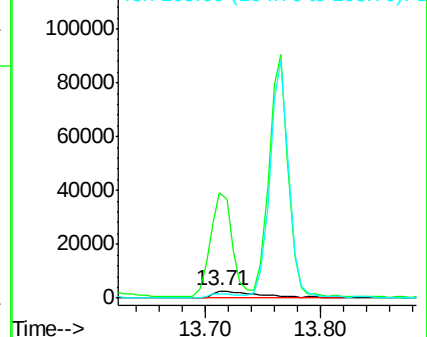
105 63.2 45.8 85.8



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: 42.38 ng

RT: 13.71 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

Instrument :

BNA_F

ClientSampleId :

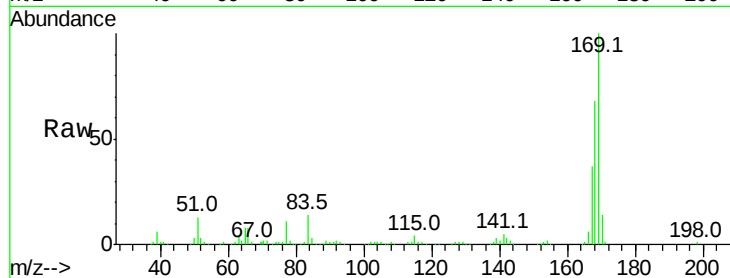
Tot Ion:169 Resp: 418819

Ion Ratio Lower Upper

169 100

168 67.8 53.2 79.8

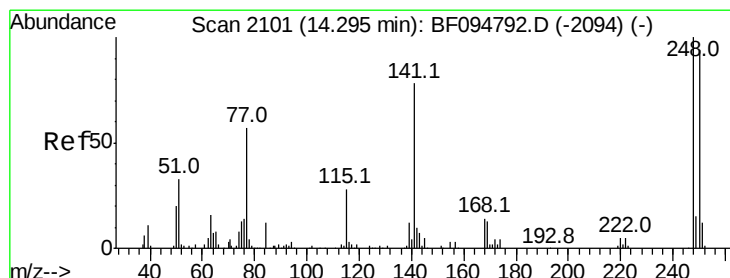
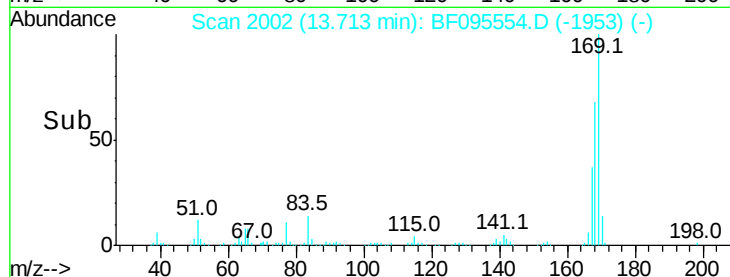
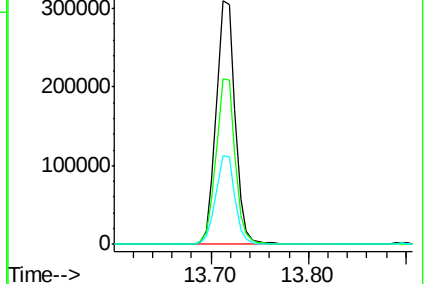
167 36.6 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 39.93 ng

RT: 14.29 min Scan# 2100

Delta R.T. -0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

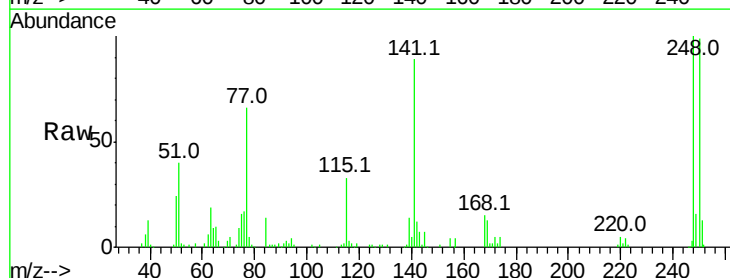
Tgt Ion:248 Resp: 114861

Ion Ratio Lower Upper

248 100

250 99.1 76.8 115.2

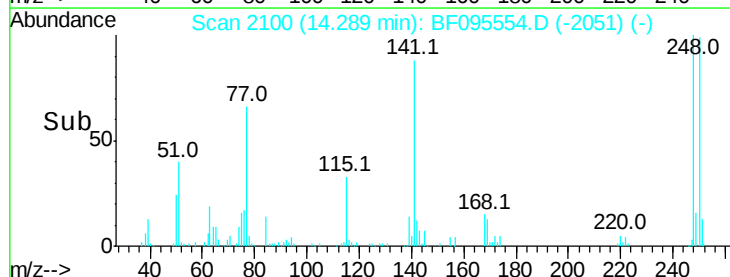
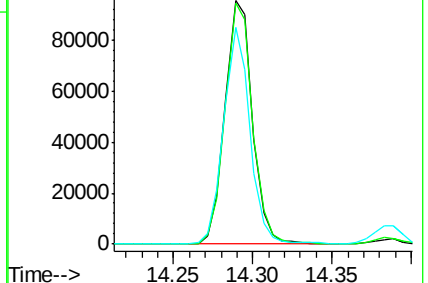
141 88.9 68.6 103.0

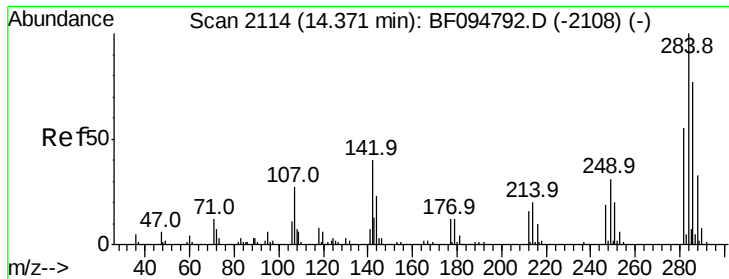


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

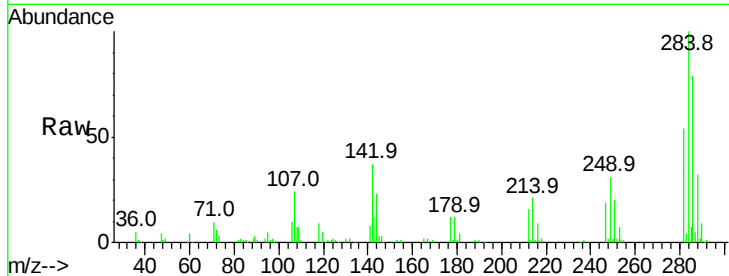




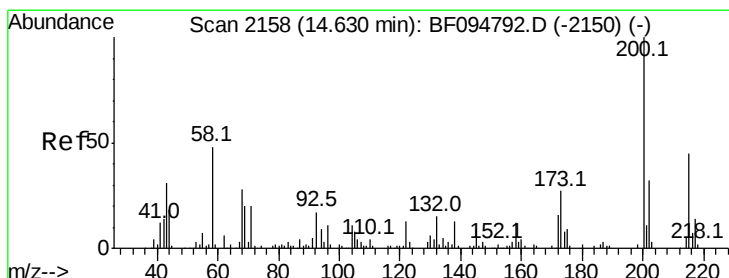
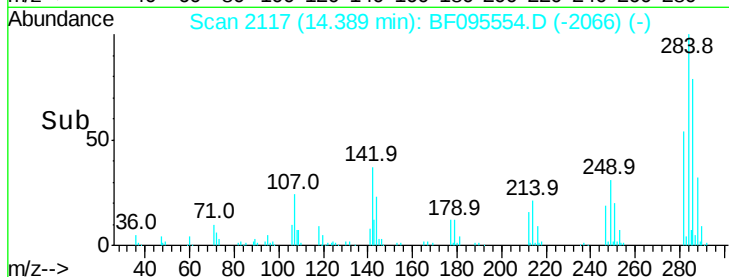
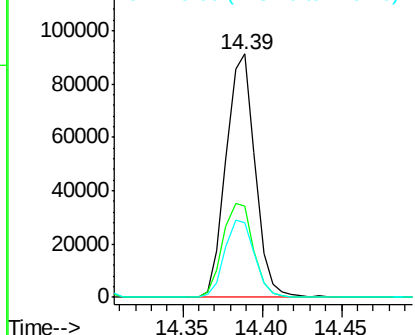
#67
Hexachlorobenzene
Concen: 39.31 ng
RT: 14.39 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 115869
Ion Ratio Lower Upper
284 100
142 37.3 22.8 34.2#
249 30.9 24.0 36.0

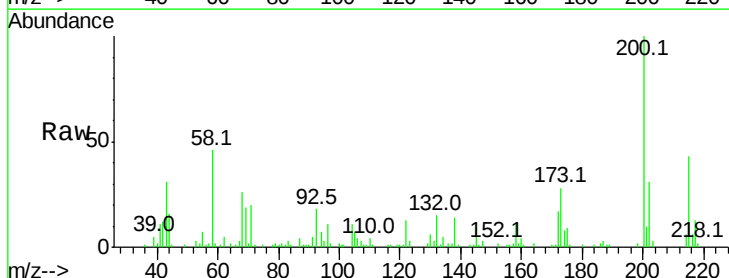


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

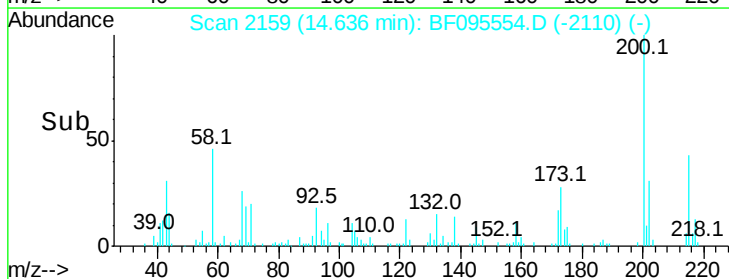
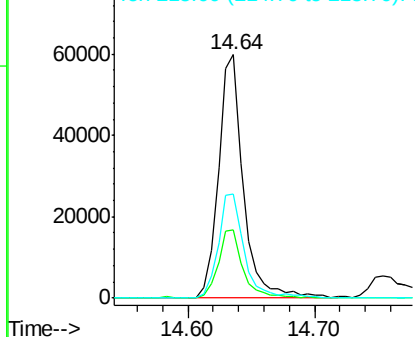


#68
Atrazine
Concen: 29.16 ng
RT: 14.64 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

Tgt Ion:200 Resp: 81349
Ion Ratio Lower Upper
200 100
173 28.0 6.3 46.3
215 43.0 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

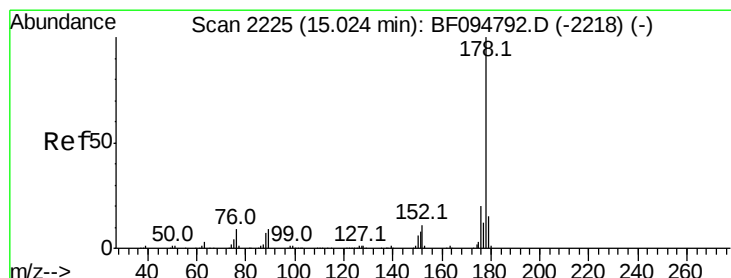
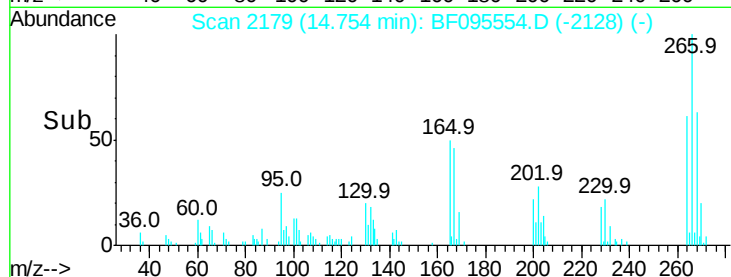
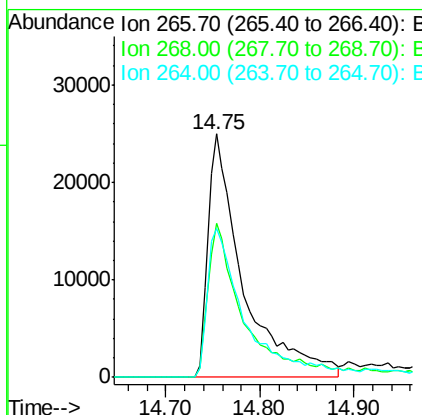
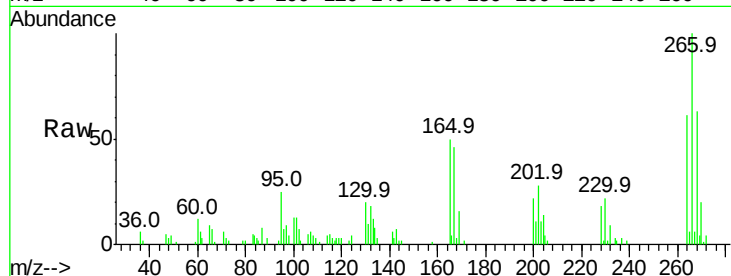




#69
 Pentachlorophenol
 Concen: 51.50 ng
 RT: 14.75 min Scan# 2179
 Delta R.T. 0.00 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

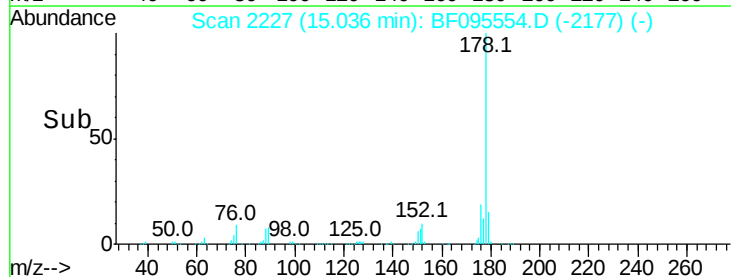
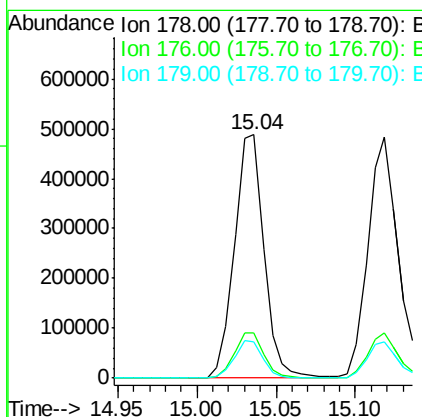
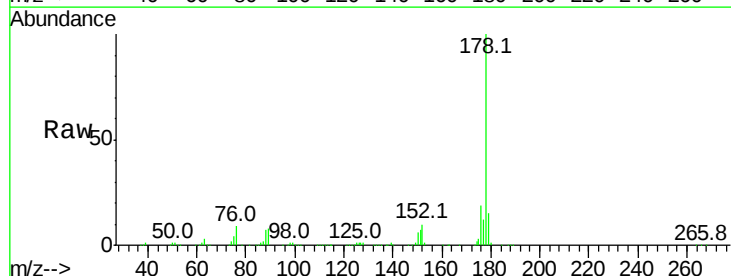
Instrument :
 BNA_F
 ClientSampleId :

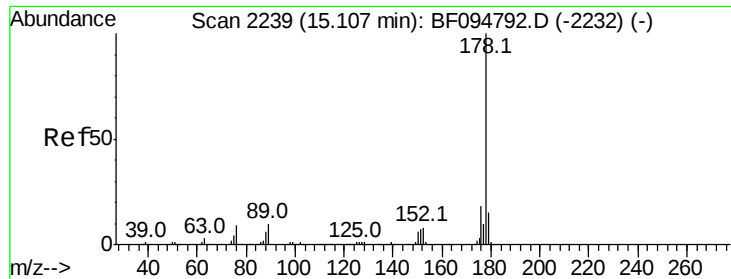
Tot Ion:266 Resp: 65643
 Ion Ratio Lower Upper
 266 100
 268 63.4 51.1 76.7
 264 60.9 51.7 77.5



#70
 Phenanthrene
 Concen: 40.39 ng
 RT: 15.04 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

Tgt Ion:178 Resp: 631888
 Ion Ratio Lower Upper
 178 100
 176 18.8 16.2 24.4
 179 15.1 12.6 19.0

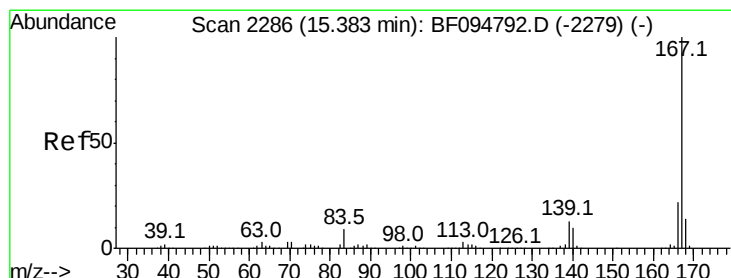
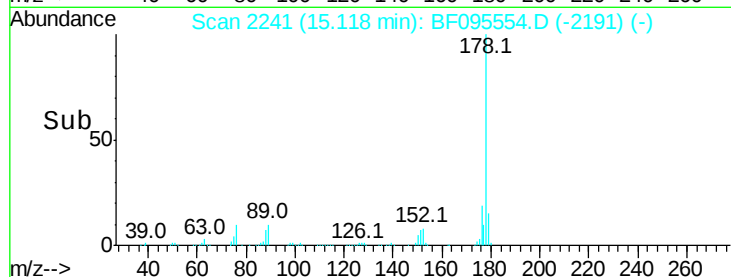
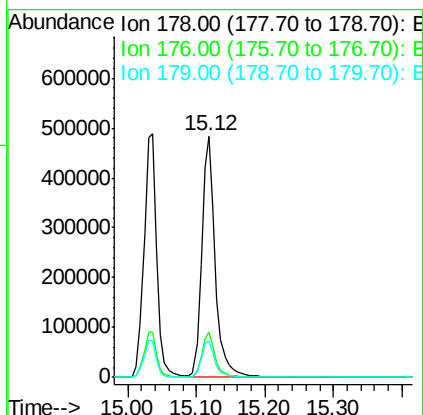
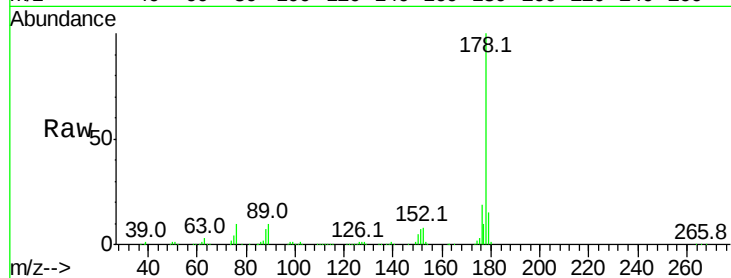




#71
 Anthracene
 Concen: 42.14 ng
 RT: 15.12 min Scan# 2241
 Delta R.T. -0.01 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

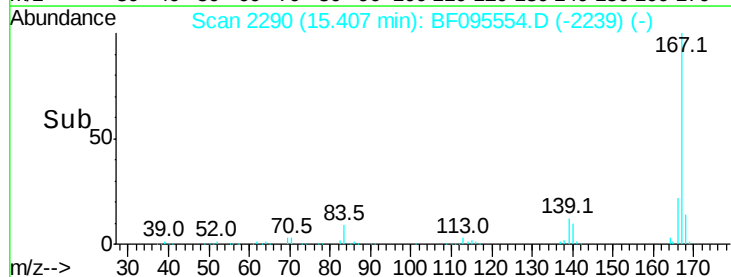
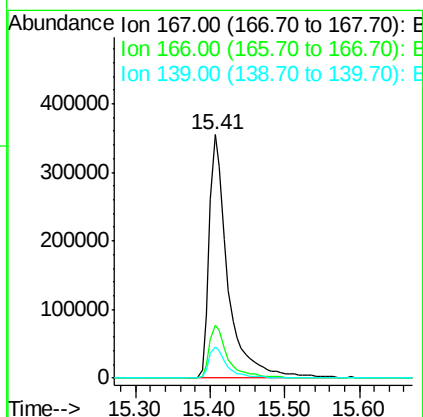
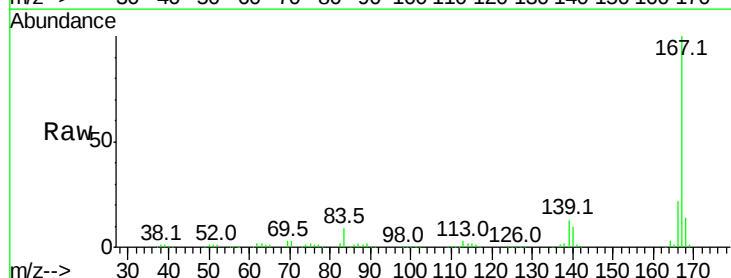
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 673400
 Ion Ratio Lower Upper
 178 100
 176 18.5 15.8 23.8
 179 15.0 12.7 19.1



#72
 Carbazole
 Concen: 42.44 ng
 RT: 15.41 min Scan# 2290
 Delta R.T. 0.00 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

Tgt Ion:167 Resp: 617064
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 12.7 11.7 17.5

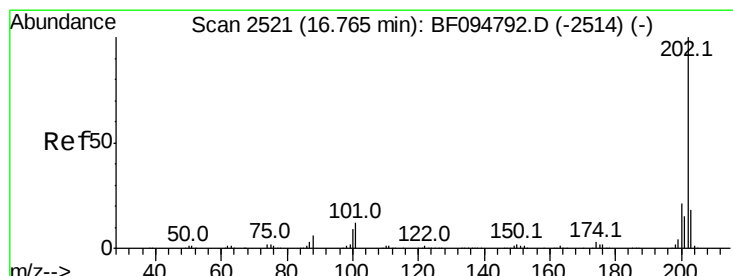
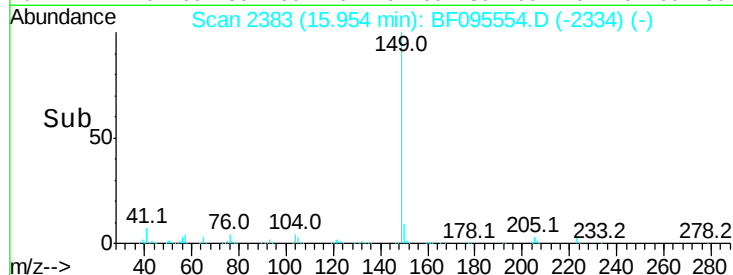
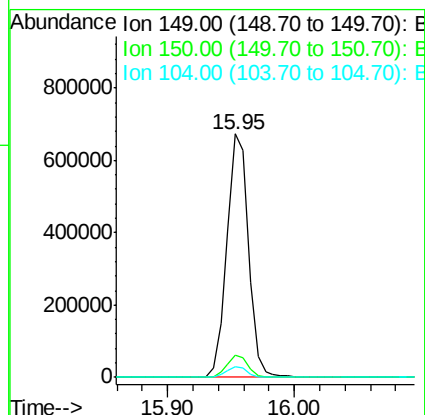
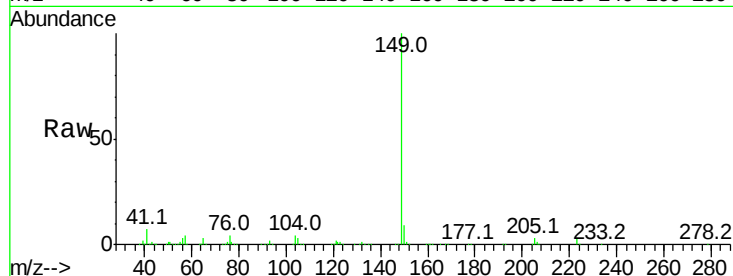




#73
Di-n-butylphthalate
Concen: 43.53 ng
RT: 15.95 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

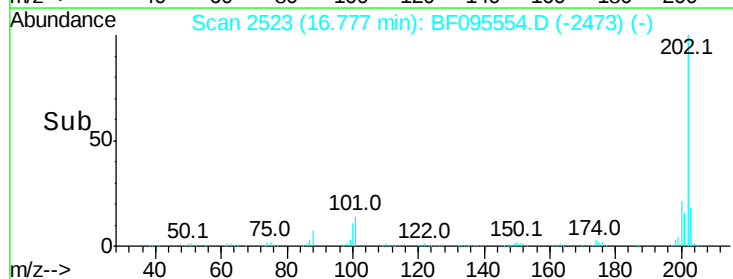
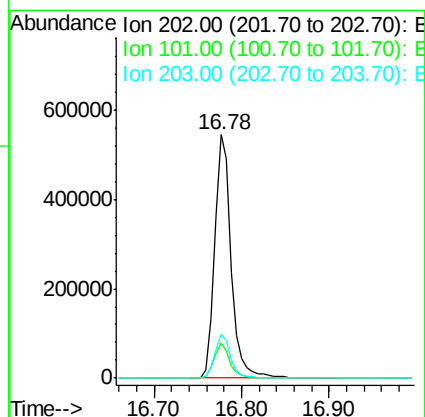
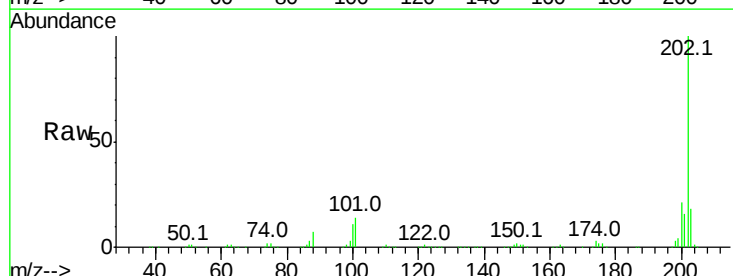
Instrument :
BNA_F
ClientSampleId :

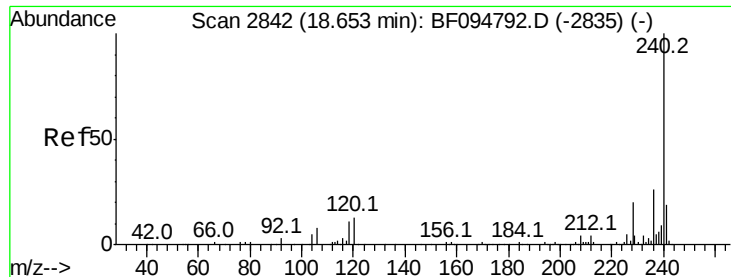
Tot Ion:149 Resp: 789299
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 44.56 ng
RT: 16.78 min Scan# 2523
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

Tgt Ion:202 Resp: 715009
Ion Ratio Lower Upper
202 100
101 14.5 0.0 33.2
203 17.9 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. 0.00 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

Instrument :

BNA_F

ClientSampleId :

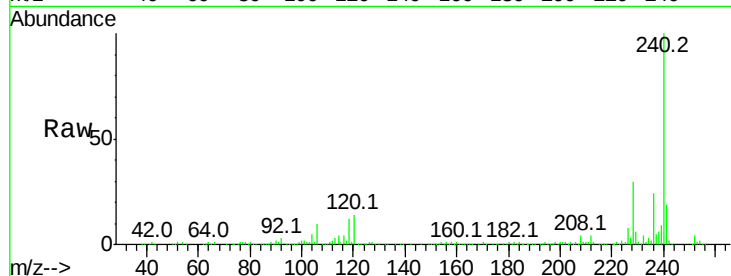
Tot Ion:240 Resp: 270470

Ion Ratio Lower Upper

240 100

120 14.0 5.8 8.8#

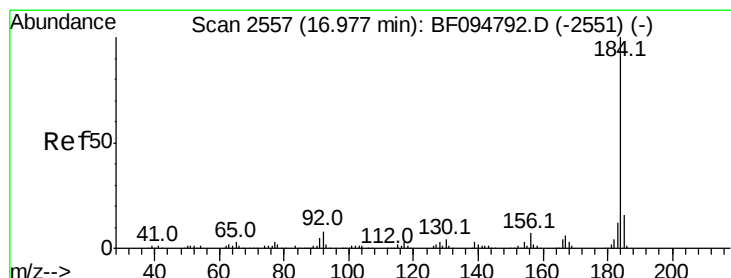
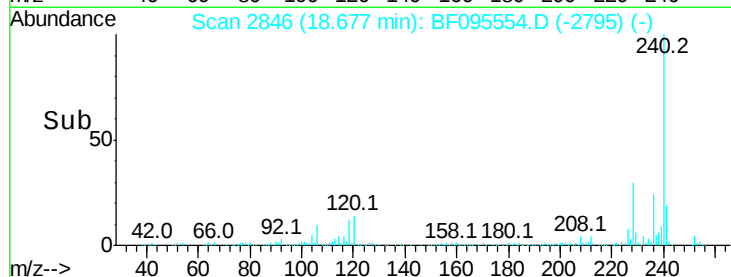
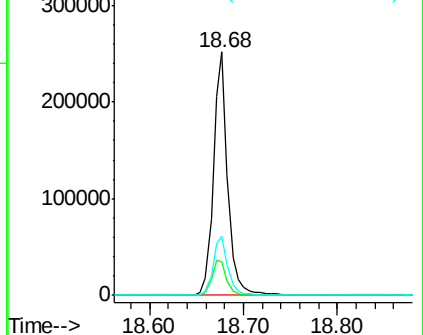
236 24.5 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 58.21 ng

RT: 17.01 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

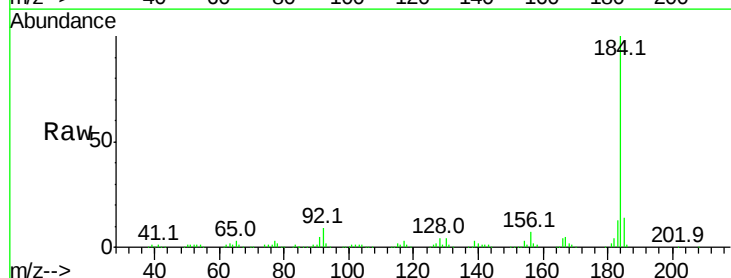
Tgt Ion:184 Resp: 437680

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

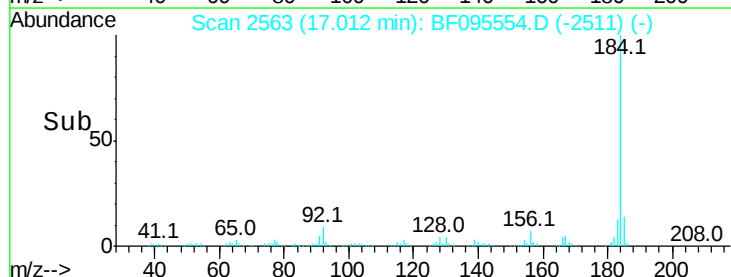
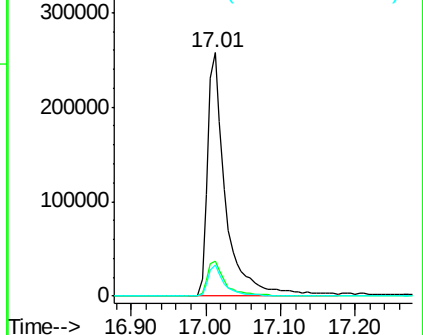
183 12.8 9.8 14.6

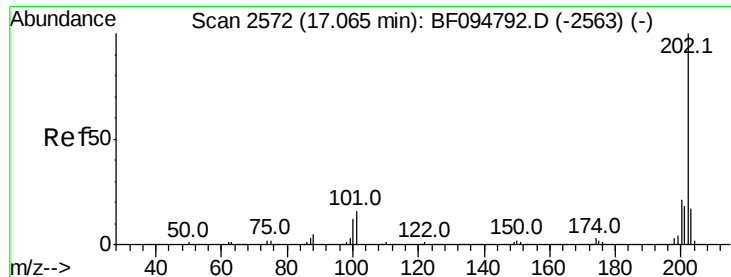


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

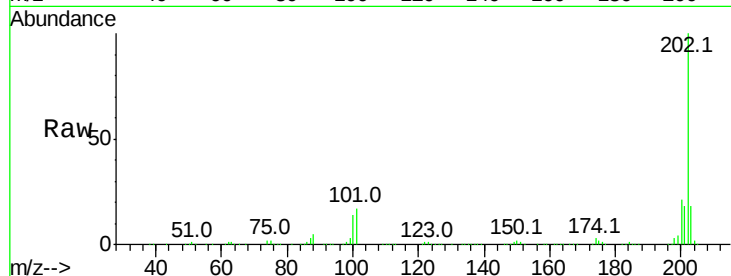




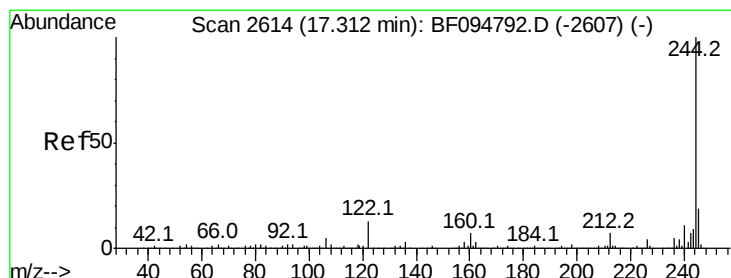
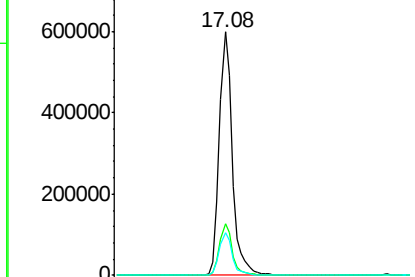
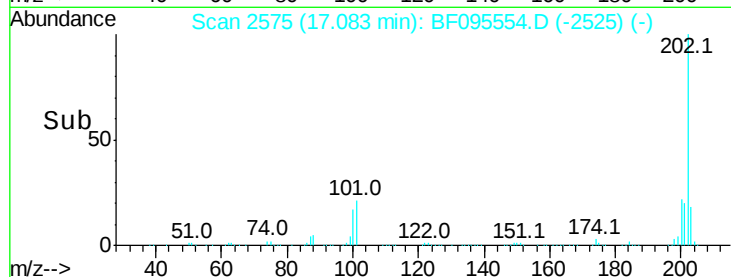
#77
Pvrene
Concen: 38.51 ng
RT: 17.08 min Scan# 2575
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 779024
Ion Ratio Lower Upper
202 100
200 21.3 17.6 26.4
203 17.6 14.4 21.6

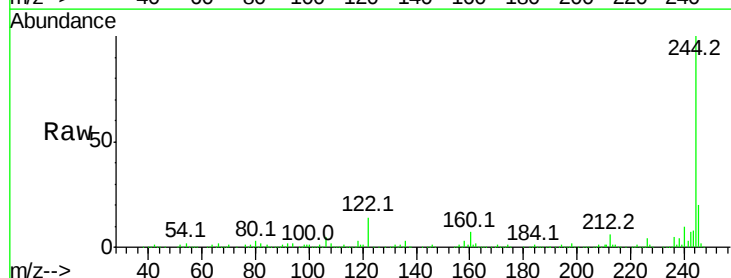


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

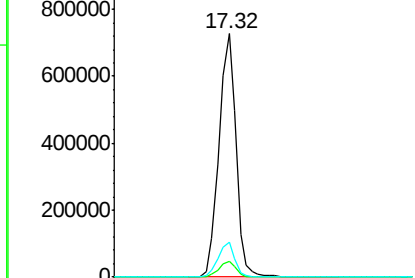
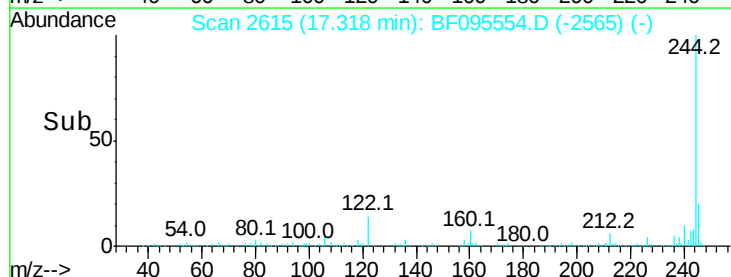


#78
Terphenyl-d14
Concen: 72.34 ng
RT: 17.32 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

Tgt Ion:244 Resp: 888340
Ion Ratio Lower Upper
244 100
212 6.5 6.0 9.0
122 14.2 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

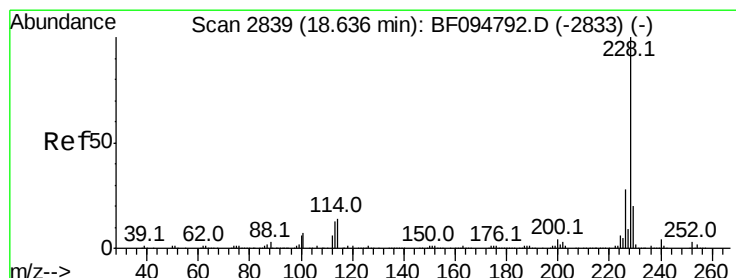
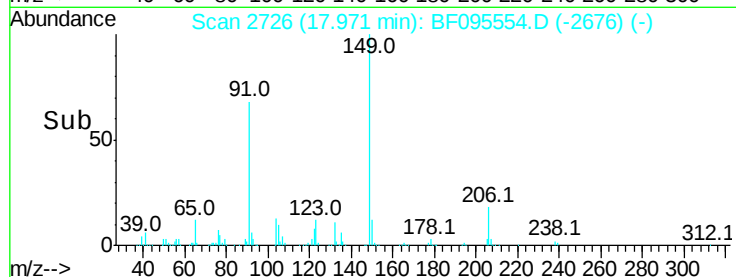
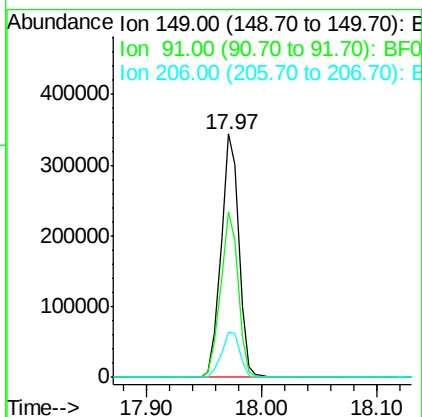
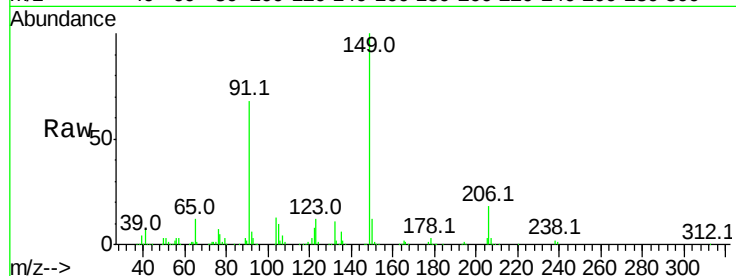




#79
Butylbenzylphthalate
Concen: 39.11 ng
RT: 17.97 min Scan# 2726
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

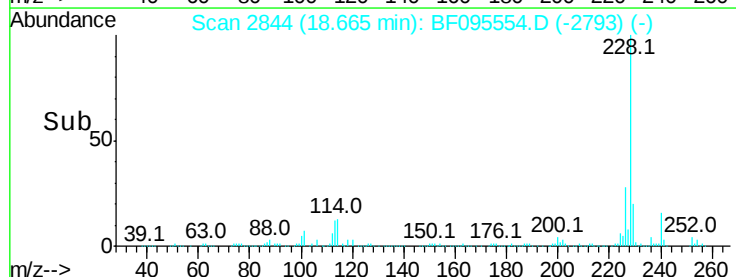
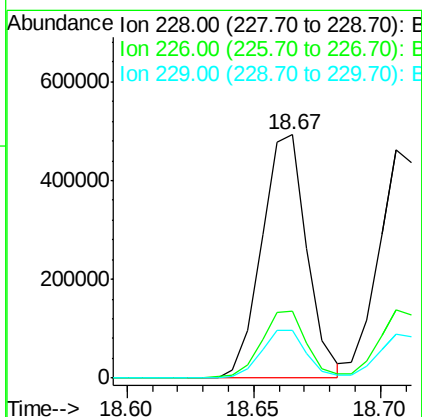
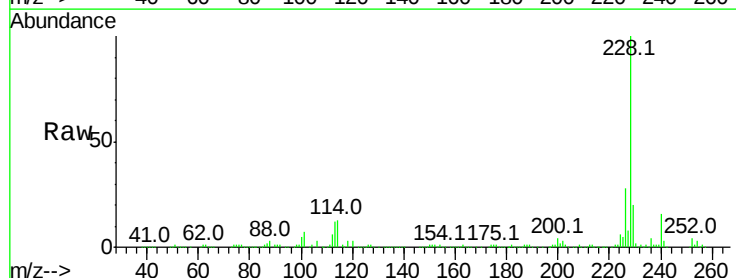
Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
91	67.8	45.0	67.4#
206	18.5	17.0	25.6



#80
Benzo(a)anthracene
Concen: 39.08 ng
RT: 18.67 min Scan# 2844
Delta R.T. 0.00 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	19.5	16.3	24.5

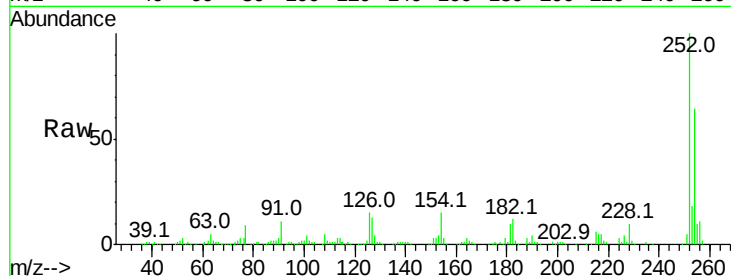




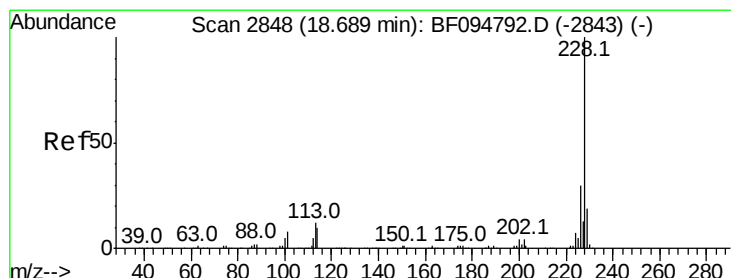
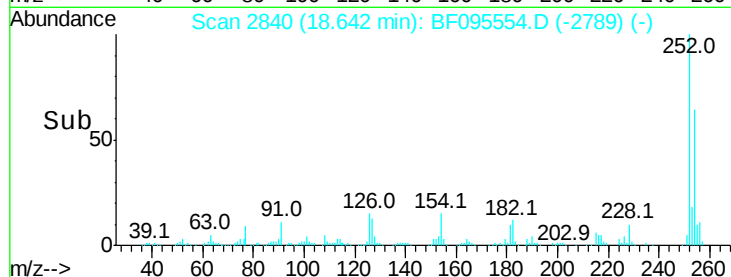
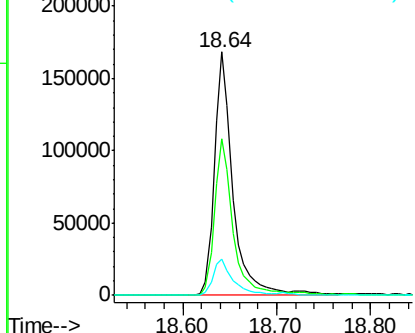
#81
 3,3'-Dichlorobenzidine
 Concen: 43.33 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. 0.00 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.5	77.3
126	14.9	15.8	23.8#

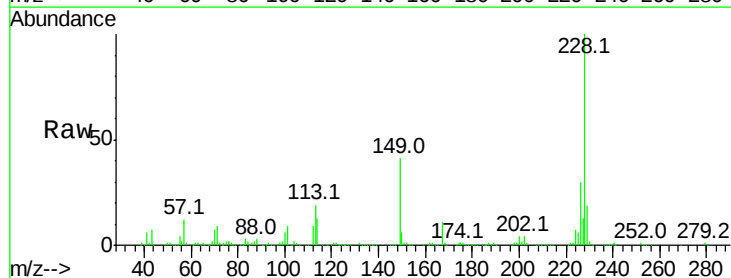


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

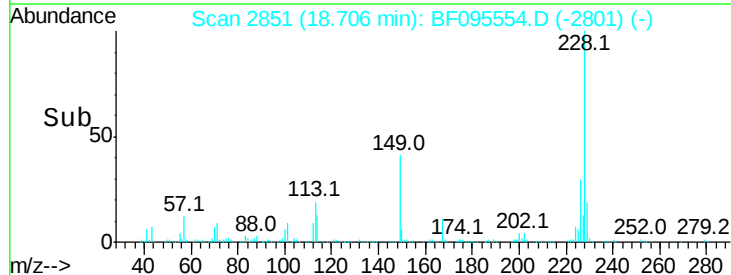
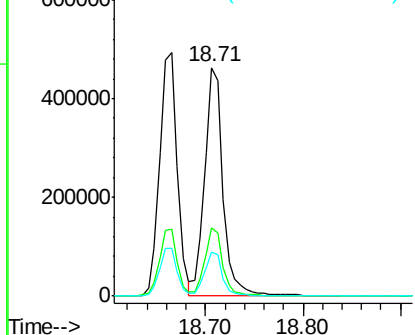


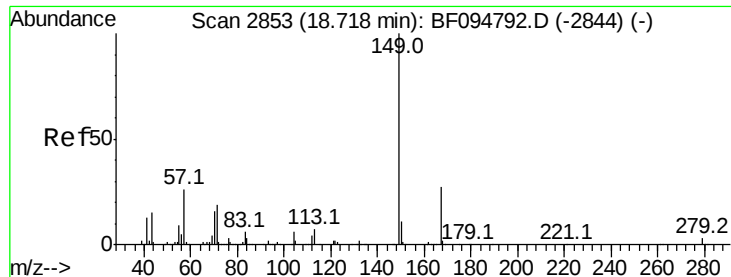
#82
 Chrysene
 Concen: 39.43 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	19.3	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

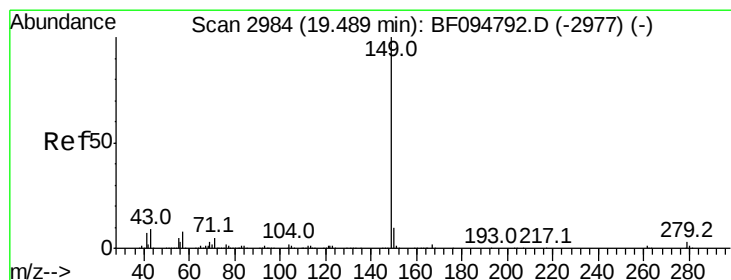
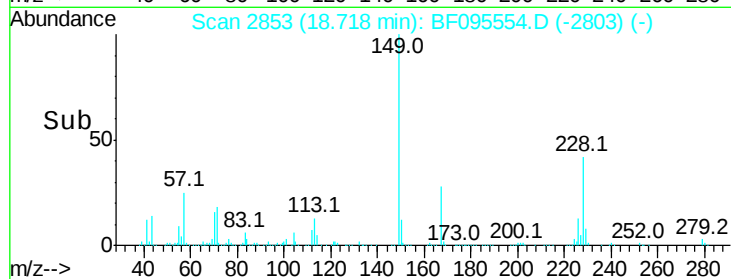
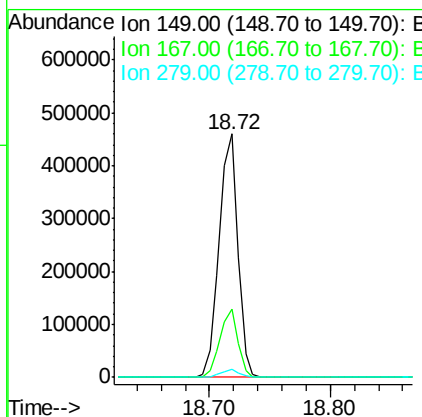
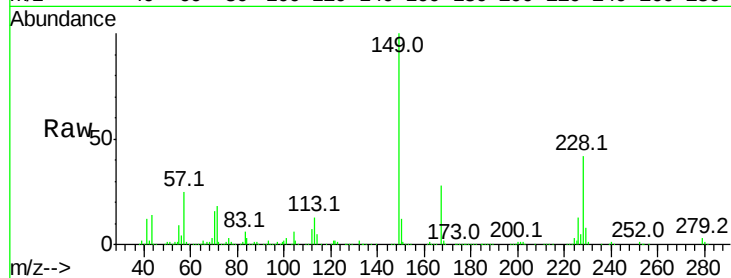




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 36.64 ng
 RT: 18.72 min Scan# 2853
 Delta R.T. -0.01 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

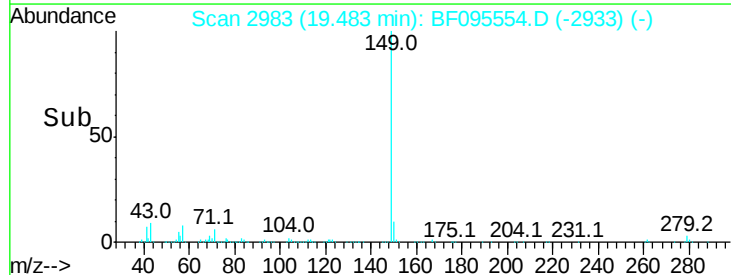
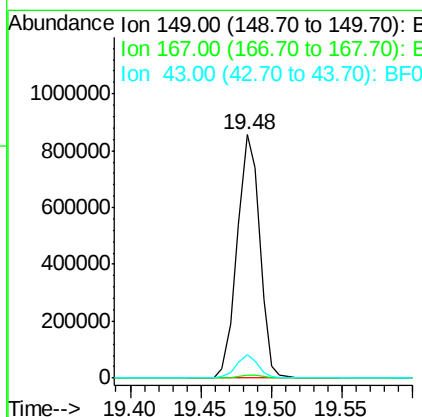
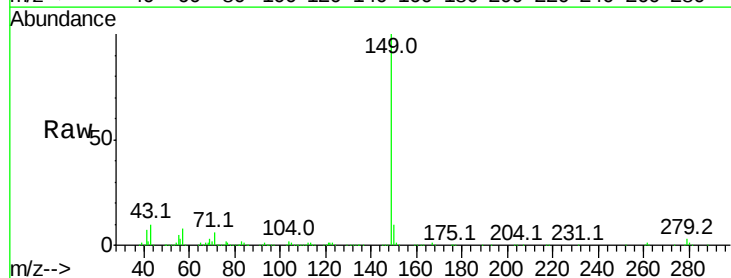
Instrument :
 BNA_F
 ClientSampleId :

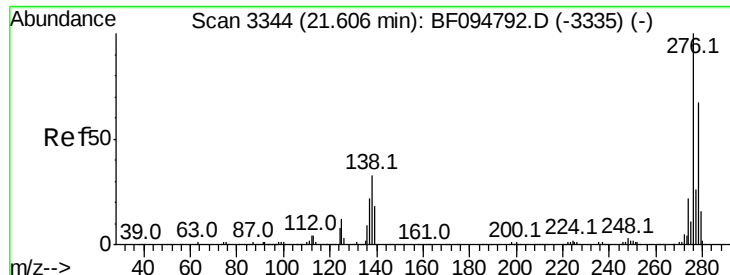
Tot Ion	Ratio	Lower	Upper
149	100		
167	27.9	21.0	31.4
279	3.2	1.9	2.9#



#84
 Di-n-octyl phthalate
 Concen: 43.37 ng
 RT: 19.48 min Scan# 2983
 Delta R.T. -0.01 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.1	8.5	12.7

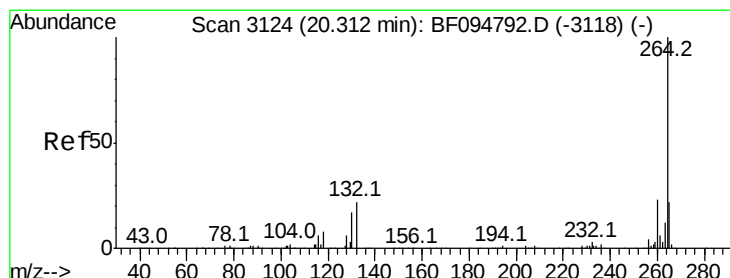
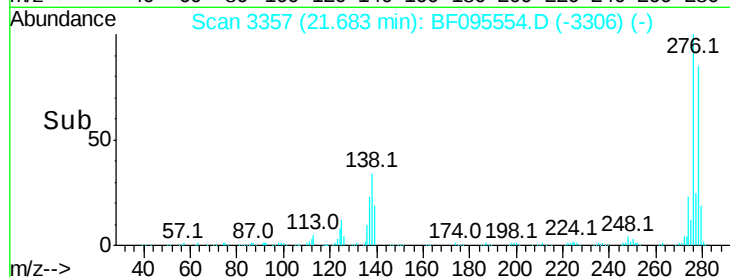
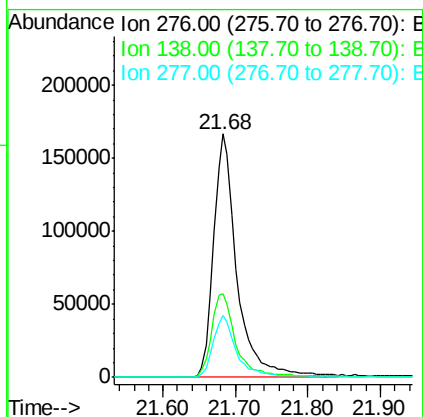
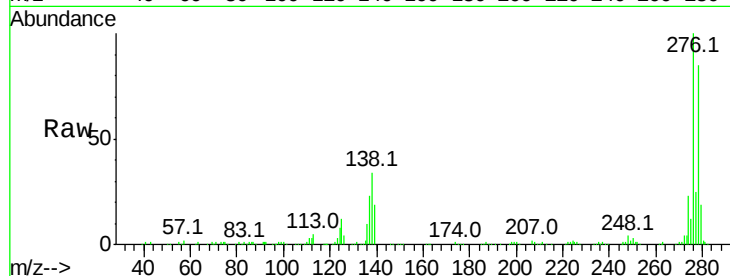




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.36 ng
 RT: 21.68 min Scan# 3357
 Delta R.T. 0.00 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

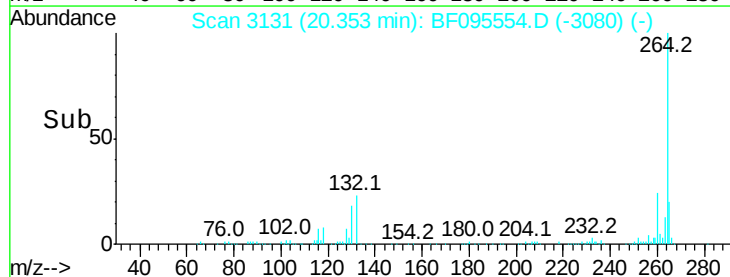
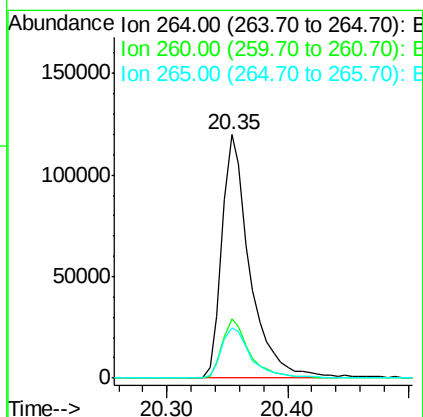
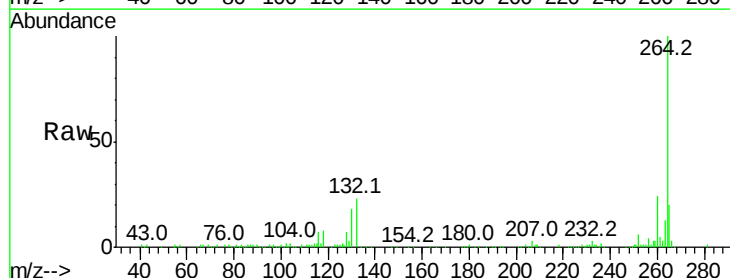
Instrument :
 BNA_F
 ClientSampleId :

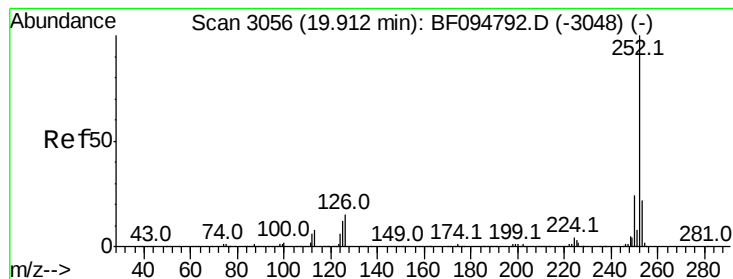
Tot Ion:276 Resp: 375264
 Ion Ratio Lower Upper
 276 100
 138 36.0 27.8 41.6
 277 25.5 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3131
 Delta R.T. 0.00 min
 Lab File: BF095554.D
 Acq: 31 May 2017 2:18

Tgt Ion:264 Resp: 190951
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.5 29.3
 265 20.5 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 38.60 ng

RT: 19.94 min Scan# 3061

Delta R.T. 0.00 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

Instrument :

BNA_F

ClientSampled :

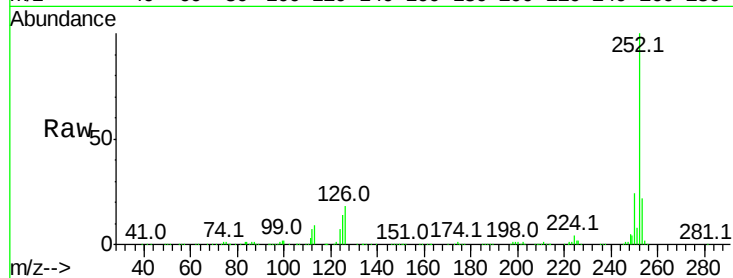
Tot Ion:252 Resp: 455413

Ion Ratio Lower Upper

252 100

253 22.2 18.1 27.1

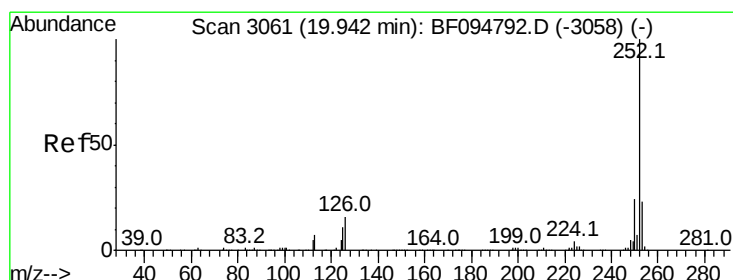
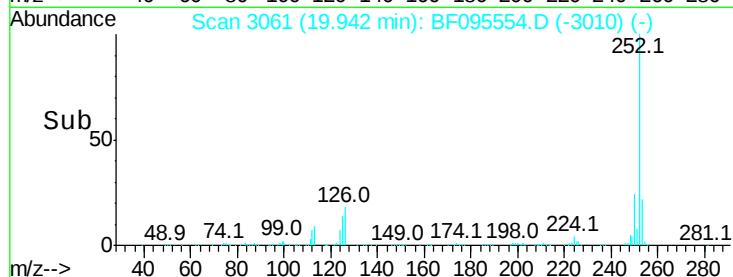
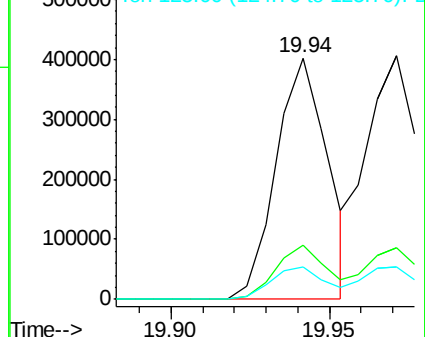
125 13.6 9.8 14.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 46.86 ng

RT: 19.97 min Scan# 3066

Delta R.T. 0.00 min

Lab File: BF095554.D

Acq: 31 May 2017 2:18

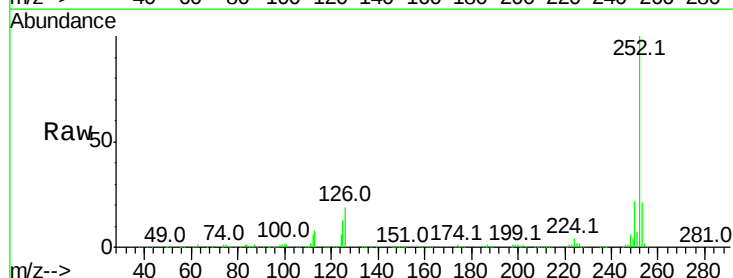
Tgt Ion:252 Resp: 533282

Ion Ratio Lower Upper

252 100

253 21.3 18.4 27.6

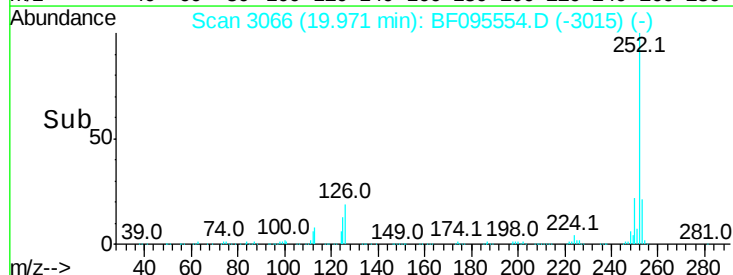
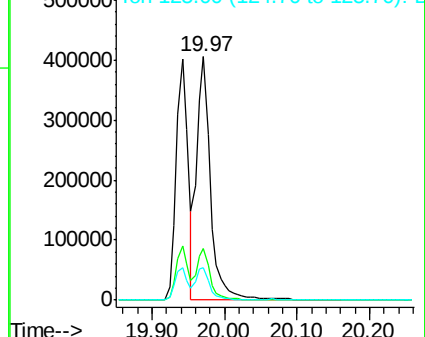
125 13.2 13.1 19.7



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

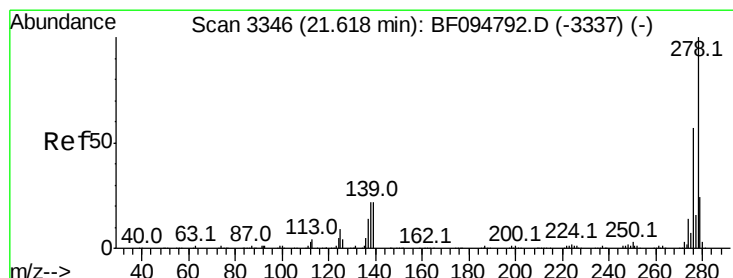
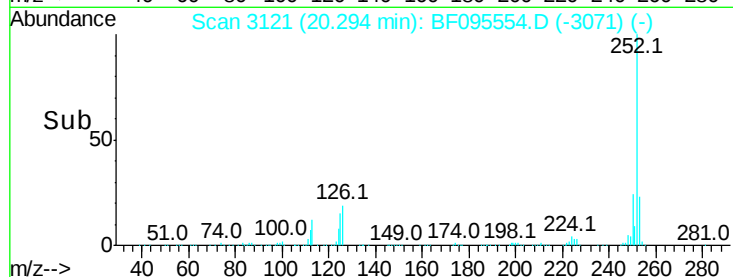
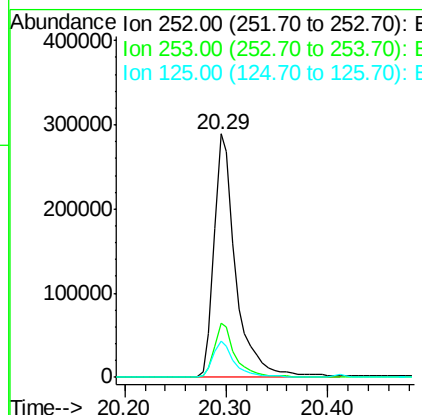
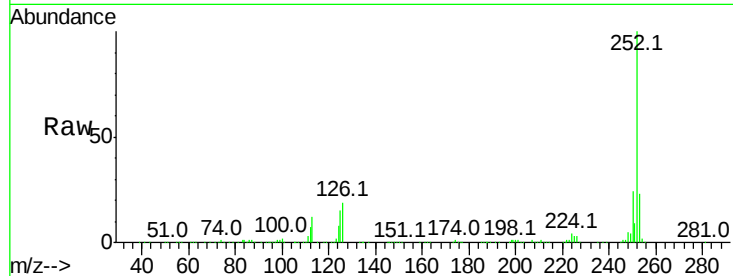




#89
Benzo(a)pyrene
Concen: 39.27 ng
RT: 20.29 min Scan# 3121
Delta R.T. -0.01 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

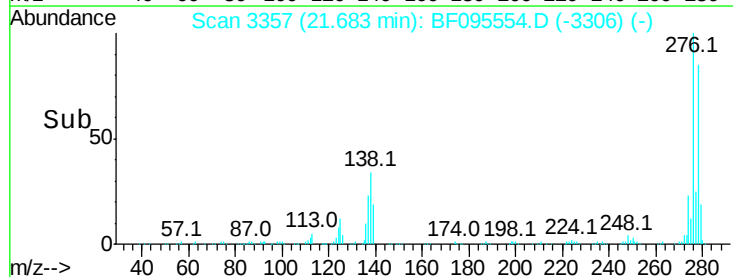
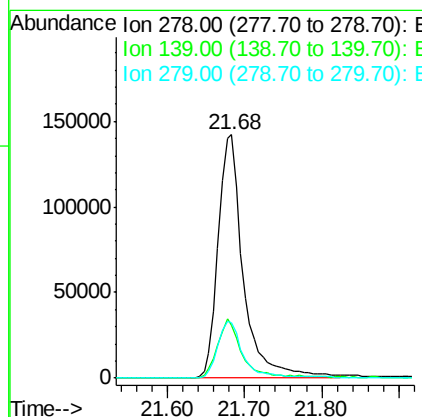
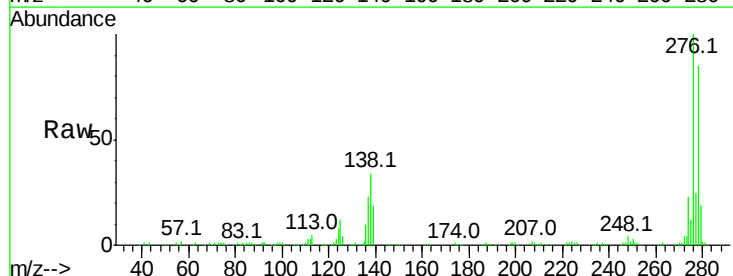
Instrument :
BNA_F
ClientSampleId :

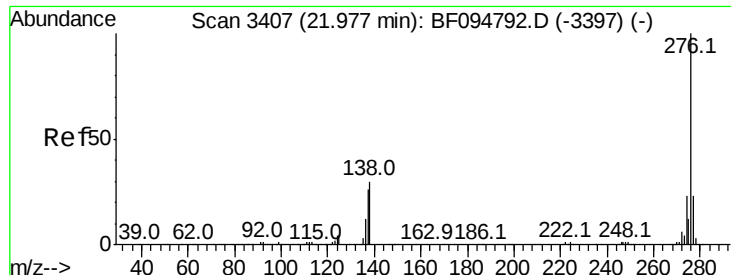
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	15.0	11.0	16.4



#90
Dibenzo(a,h)anthracene
Concen: 35.89 ng
RT: 21.68 min Scan# 3357
Delta R.T. 0.00 min
Lab File: BF095554.D
Acq: 31 May 2017 2:18

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.7	16.6	24.8
279	22.6	19.3	28.9





#91

Benzo(a,h,i)perylene

Concen: 37.42 ng

RT: 22.07 min Scan# 3423

Delta R.T. 0.00 min

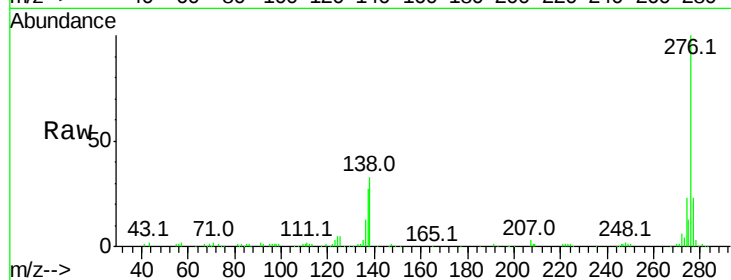
Lab File: BF095554.D

Acq: 31 May 2017 2:18

Instrument :

BNA_F

ClientSampleId :



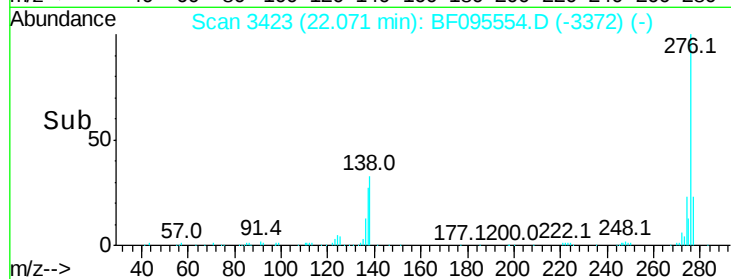
Tot Ion: 276 Resp: 330182

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 33.2 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

