

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
 Data File : BF095003.D
 Acq On : 9 May 2017 3:34
 Operator : SJ/MA
 Sample : I2976-06MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 09 07:05:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	91821	20.00	ng	-0.01
21) Naphthalene-d8	9.73	136	361041	20.00	ng	-0.02
38) Acenaphthene-d10	12.56	164	161568	20.00	ng	-0.02
63) Phenanthrene-d10	14.97	188	238826	20.00	ng	-0.02
75) Chrysene-d12	18.64	240	172980	20.00	ng	-0.02
86) Perylene-d12	20.30	264	149877	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	693207	125.87	ng	-0.01
7) Phenol-d6	7.27	99	852851	129.06	ng	-0.01
23) Nitrobenzene-d5	8.62	82	501814	87.65	ng	-0.02
41) 2,4,6-Tribromophenol	13.86	330	148457	112.20	ng	-0.02
44) 2-Fluorobiphenyl	11.51	172	935460	83.34	ng	-0.02
78) Terphenyl-d14	17.29	244	682405	86.89	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.11	88	87208	32.29	ng	95
3) Pyridine	2.80	79	186747	29.83	ng	98
4) n-Nitrosodimethylamine	2.71	42	95834	36.73	ng	83
6) Aniline	7.22	93	162729	19.51	ng	93
8) 2-Chlorophenol	7.41	128	249927	39.87	ng	95
9) Benzaldehyde	7.04	77	39525	9.80	ng	99
10) Phenol	7.28	94	298734	42.90	ng	91
11) bis(2-Chloroethyl)ether	7.35	93	223102	38.81	ng	95
12) 1,3-Dichlorobenzene	7.62	146	274836	38.65	ng	98
13) 1,4-Dichlorobenzene	7.74	146	271862	37.70	ng	97
14) 1,2-Dichlorobenzene	7.98	146	258447	38.40	ng	95
15) Benzyl Alcohol	8.00	79	192957	45.40	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	301463	37.05	ng	65
17) 2-Methylphenol	8.22	107	197719	38.54	ng	98
18) Hexachloroethane	8.50	117	80021	32.76	ng	# 86
19) n-Nitroso-di-n-propylamine	8.42	70	173737	38.87	ng	93
20) 3+4-Methylphenols	8.48	107	266758	38.27	ng	# 60
22) Acetophenone	8.38	105	344191	39.73	ng	# 85
24) Nitrobenzene	8.64	77	245696	40.94	ng	94
25) Isophorone	9.04	82	421691	41.25	ng	# 94
26) 2-Nitrophenol	9.15	139	127443	39.36	ng	97
27) 2,4-Dimethylphenol	9.29	122	204658	39.09	ng	98
28) bis(2-Chloroethoxy)methane	9.41	93	288717	40.82	ng	99
29) 2,4-Dichlorophenol	9.58	162	208444	42.17	ng	99
30) 1,2,4-Trichlorobenzene	9.66	180	210242	39.70	ng	98
31) Naphthalene	9.77	128	657712	36.25	ng	100
32) Benzoic acid	9.57	122	74542	24.47	ng	93
33) 4-Chloroaniline	9.93	127	68658	10.15	ng	# 92
34) Hexachlorobutadiene	9.99	225	97022	34.72	ng	98
35) Caprolactam	10.57	113	12107	8.16	ng	93
36) 4-Chloro-3-methylphenol	10.77	107	195935	37.07	ng	91
37) 2-Methylnaphthalene	10.90	142	461171	38.72	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	182616	36.75	ng	99
40) Hexachlorocyclopentadiene	11.15	237	42232	24.74	ng	99

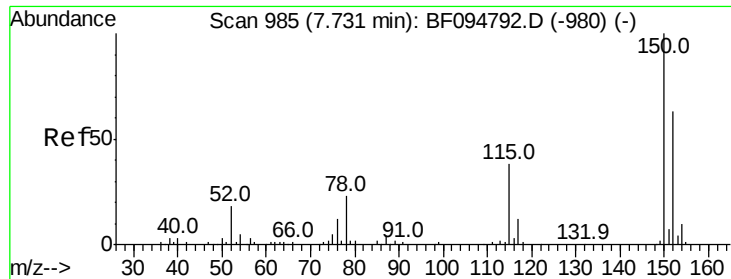
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	130614	39.37	nq	99
43) 2,4,5-Trichlorophenol	11.48	196	130772	36.68	nq #	92
45) 1,1'-Biphenyl	11.66	154	539140	39.63	nq	97
46) 2-Chloronaphthalene	11.68	162	419068	38.15	nq	97
47) 2-Nitroaniline	11.88	65	120340	40.03	nq #	87
48) Acenaphthylene	12.33	152	680561	39.56	nq	99
49) Dimethylphthalate	12.21	163	639601	48.22	nq	99
50) 2,6-Dinitrotoluene	12.30	165	104795	38.73	nq	97
51) Acenaphthene	12.62	154	399278	38.86	nq	99
52) 3-Nitroaniline	12.57	138	68201	23.48	nq #	97
53) 2,4-Dinitrophenol	12.78	184	17293	16.94	nq #	68
54) Dibenzofuran	12.90	168	608458	42.79	nq	99
55) 4-Nitrophenol	12.95	139	142160	81.49	nq #	78
56) 2,4-Dinitrotoluene	12.96	165	139777	40.20	nq #	87
57) Fluorene	13.46	166	474393	38.37	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	91574	40.81	nq #	96
59) Diethylphthalate	13.35	149	479063	37.68	nq	99
60) 4-Chlorophenyl-phenylether	13.48	204	198475	36.52	nq	90
61) 4-Nitroaniline	13.57	138	94547	35.46	nq	96
62) Azobenzene	13.74	77	420075	41.12	nq	93
64) 4,6-Dinitro-2-methylphenol	13.63	198	18607	11.62	nq #	72
65) n-Nitrosodiphenylamine	13.69	169	397513	45.86	nq	99
66) 4-Bromophenyl-phenylether	14.27	248	109607	43.44	nq	96
67) Hexachlorobenzene	14.35	284	108042	41.78	nq #	89
68) Atrazine	14.61	200	99234	40.55	nq	94
69) Pentachlorophenol	14.70	266	79649	68.99	nq	96
70) Phenanthrene	15.00	178	554566	40.41	nq	98
71) Anthracene	15.08	178	579743	41.36	nq	98
72) Carbazole	15.37	167	534045	41.87	nq	98
73) Di-n-butylphthalate	15.94	149	711872	44.76	nq	98
74) Fluoranthene	16.74	202	586466	41.66	nq	99
76) Benzidine	16.98	184	33489	12.76	nq #	93
77) Pyrene	17.05	202	571933	44.21	nq	98
79) Butylbenzylphthalate	17.95	149	275166	45.73	nq #	85
80) Benzo(a)anthracene	18.62	228	400724	39.80	nq	98
81) 3,3'-Dichlorobenzidine	18.60	252	107690	30.97	nq #	96
82) Chrysene	18.67	228	384474	39.50	nq	99
83) Bis(2-ethylhexyl)phthalate	18.69	149	344972	40.24	nq #	100
84) Di-n-octyl phthalate	19.47	149	591074	42.05	nq	95
85) Indeno(1,2,3-cd)pyrene	21.59	276	319806	40.46	nq	99
87) Benzo(b)fluoranthene	19.89	252	372328	40.20	nq	98
88) Benzo(k)fluoranthene	19.92	252	356175	39.87	nq #	95
89) Benzo(a)pyrene	20.24	252	335991	39.32	nq	97
90) Dibenzo(a,h)anthracene	21.59	278	270601	38.34	nq	96
91) Benzo(g,h,i)perylene	21.97	276	254182	36.70	nq	97

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

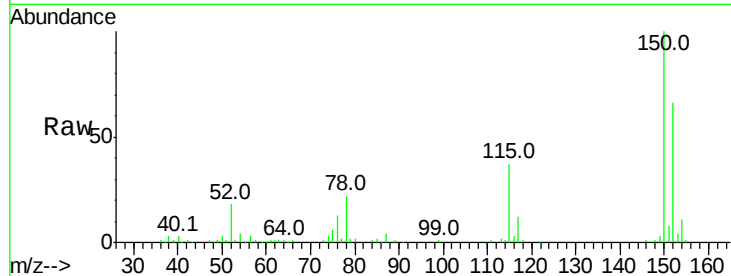


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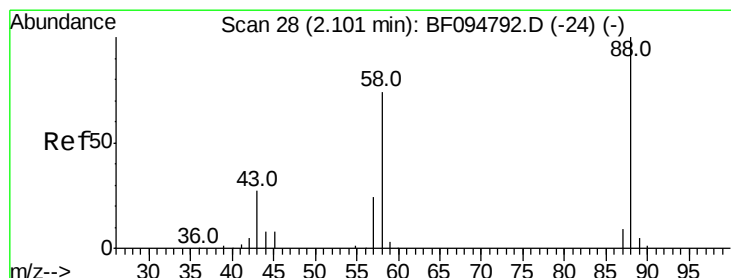
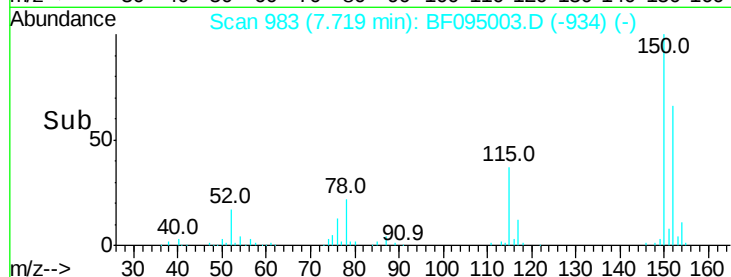
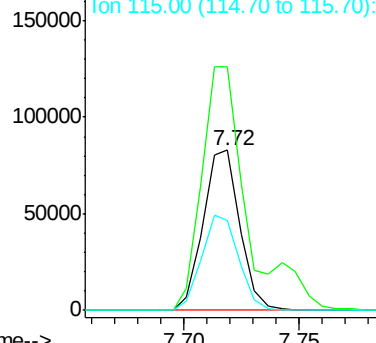
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 91821
Ion Ratio Lower Upper
152 100
150 151.9 126.2 189.2
115 56.4 52.2 78.2



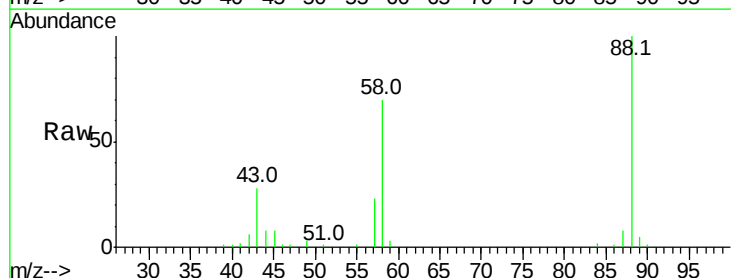
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



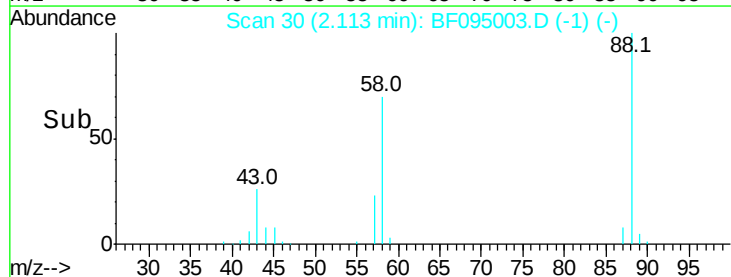
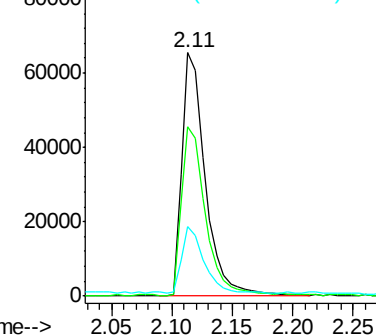
#2

1,4-Dioxane
Concen: 32.29 ng
RT: 2.11 min Scan# 30
Delta R.T. 0.01 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

Tgt Ion: 88 Resp: 87208
Ion Ratio Lower Upper
88 100
58 72.8 61.4 92.0
43 25.8 23.4 35.0



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





#3

Pvridine

Concen: 29.83 ng

RT: 2.80 min Scan# 146

Delta R.T. 0.04 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampleId :

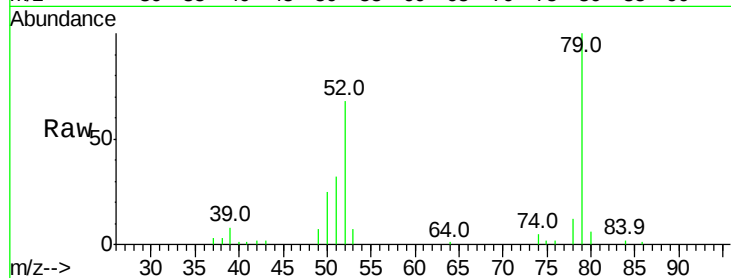
Tot Ion: 79 Resp: 186747

Ion Ratio Lower Upper

79 100

52 67.7 54.8 82.2

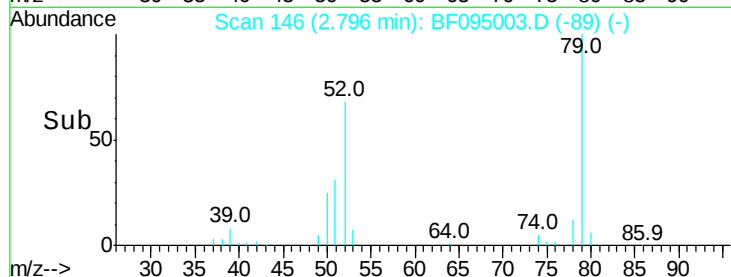
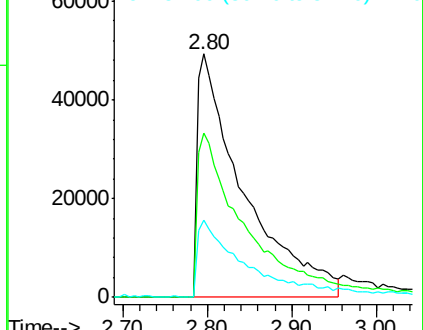
51 31.9 27.0 40.4



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: 36.73 ng

RT: 2.71 min Scan# 132

Delta R.T. 0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

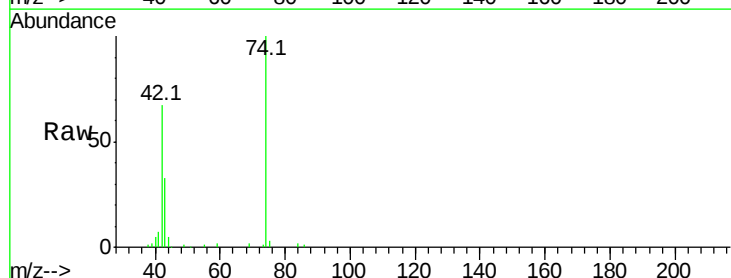
Tgt Ion: 42 Resp: 95834

Ion Ratio Lower Upper

42 100

74 150.3 103.9 155.9

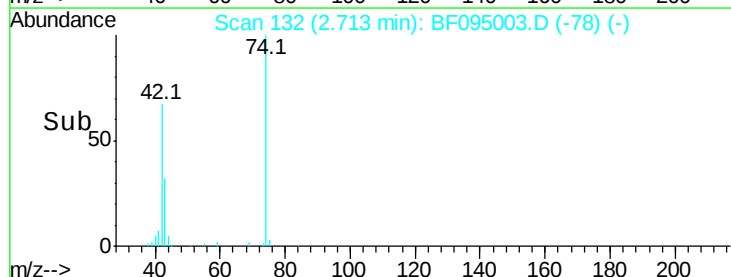
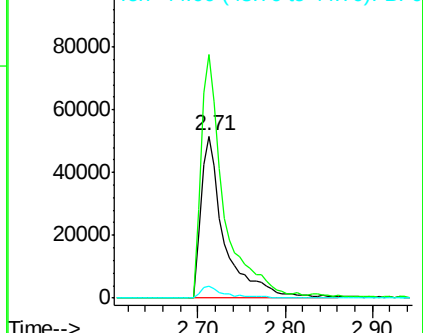
44 7.0 5.7 8.5

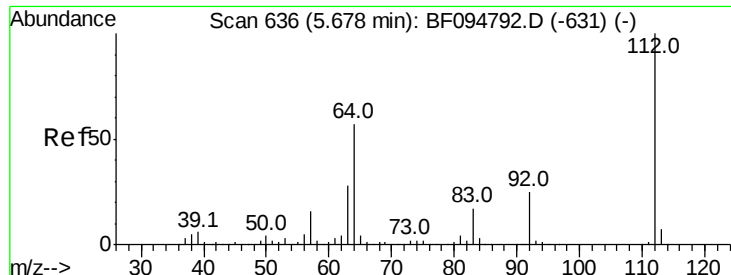


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 125.87 ng

RT: 5.67 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF095003.D

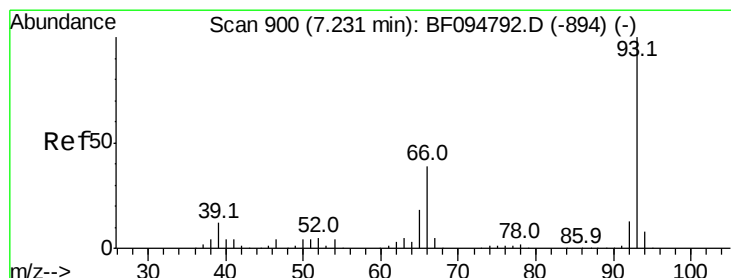
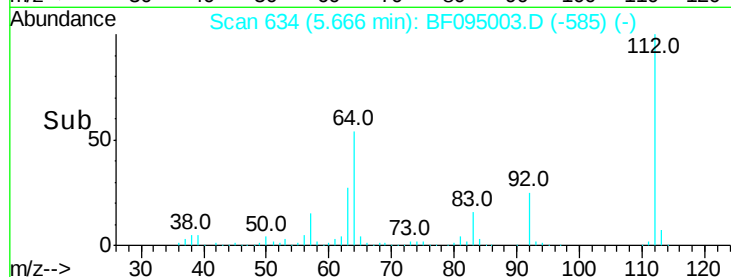
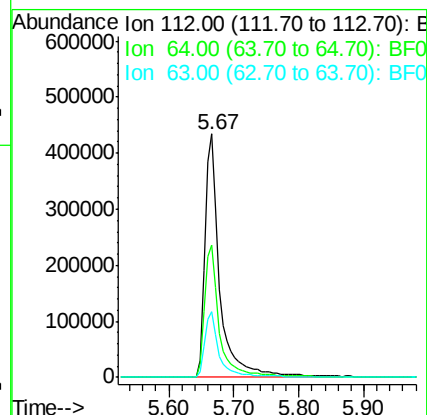
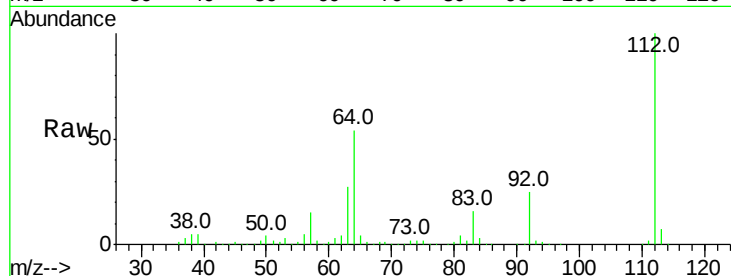
Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampled :

Tot Ion:	112	Resp:	693207
Ion	Ratio	Lower	Upper
112	100		
64	54.1	46.0	69.0
63	26.8	23.4	35.0



#6

Aniline

Concen: 19.51 ng

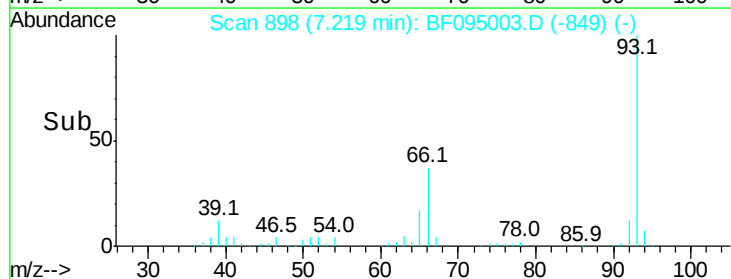
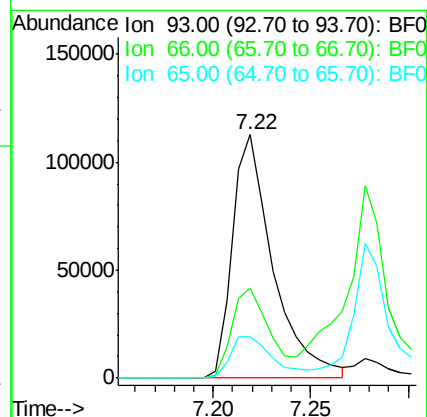
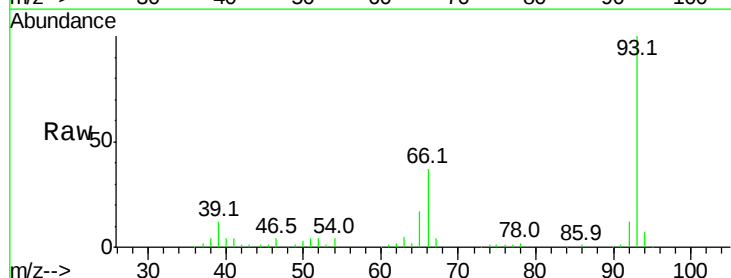
RT: 7.22 min Scan# 898

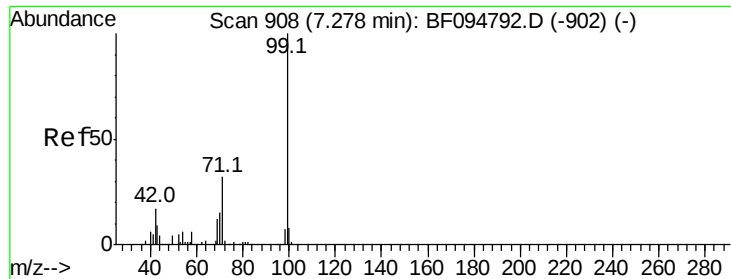
Delta R.T. -0.01 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Tgt Ion:	93	Resp:	162729
Ion	Ratio	Lower	Upper
93	100		
66	37.0	32.9	49.3
65	17.0	16.0	24.0





#7

Phenol-d6

Concen: 129.06 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampleId :

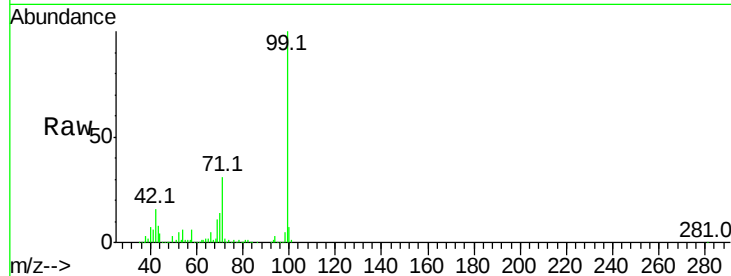
Tot Ion: 99 Resp: 852851

Ion Ratio Lower Upper

99 100

42 16.0 13.5 20.3

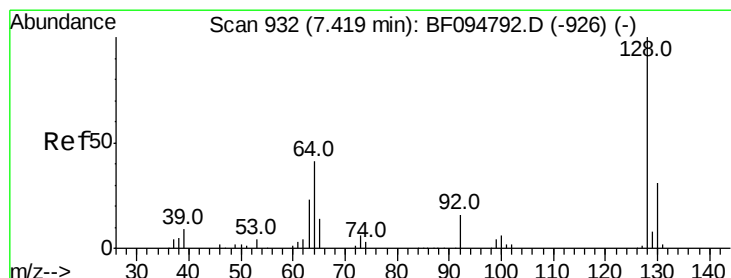
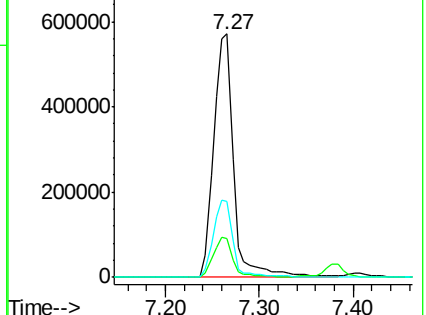
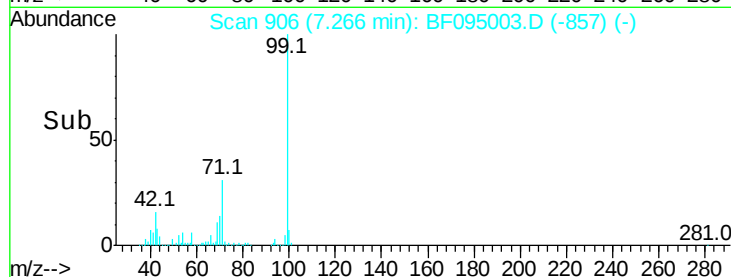
71 31.2 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 39.87 ng

RT: 7.41 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

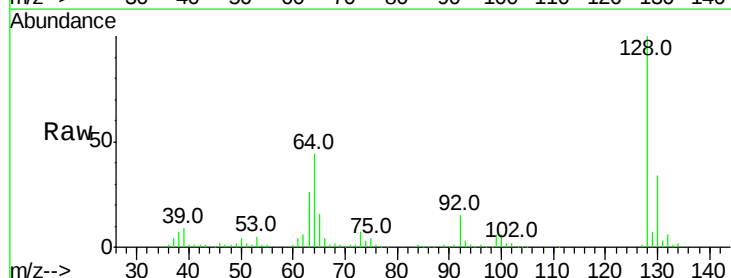
Tgt Ion: 128 Resp: 249927

Ion Ratio Lower Upper

128 100

130 33.7 12.9 52.9

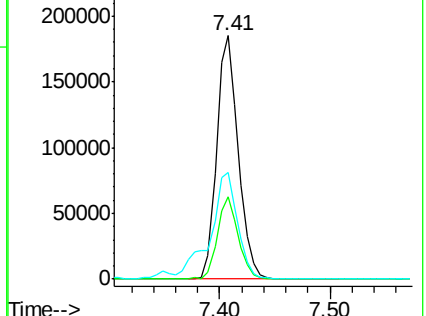
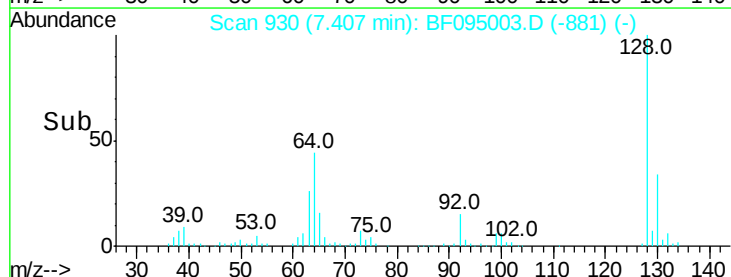
64 43.8 28.4 68.4

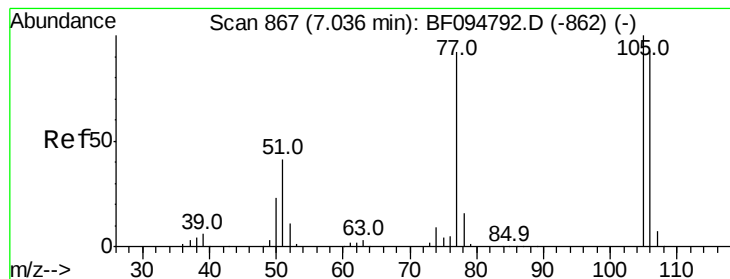


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 9.80 ng

RT: 7.04 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampleId :

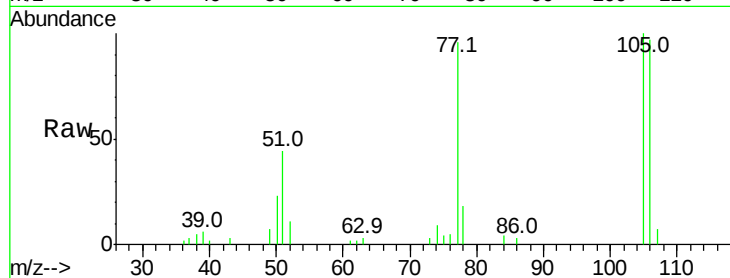
Tot Ion: 77 Resp: 39525

Ion Ratio Lower Upper

77 100

105 104.4 83.8 123.8

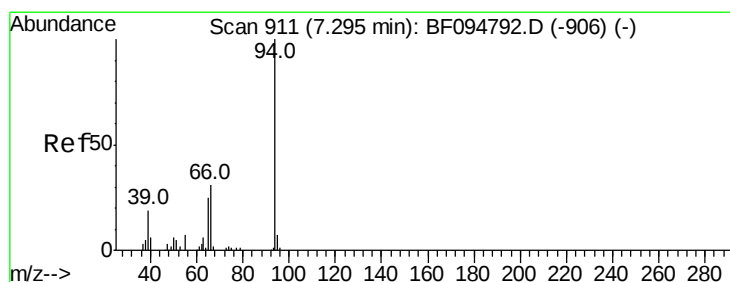
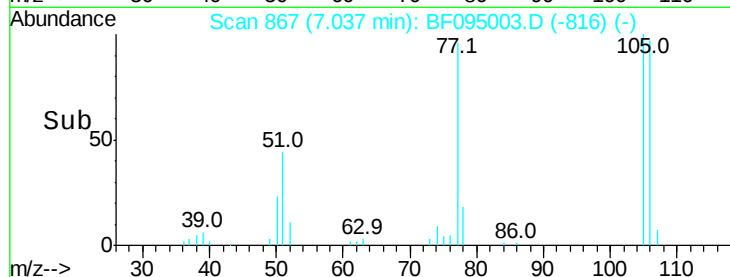
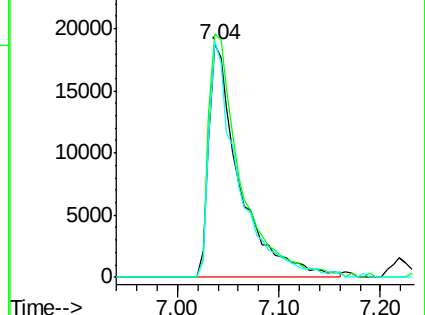
106 101.3 79.1 119.1



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: 42.90 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

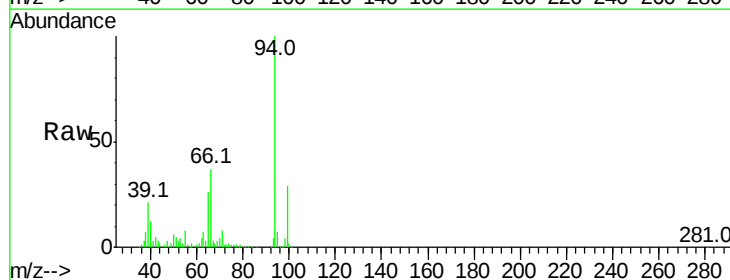
Tgt Ion: 94 Resp: 298734

Ion Ratio Lower Upper

94 100

65 26.0 9.9 49.9

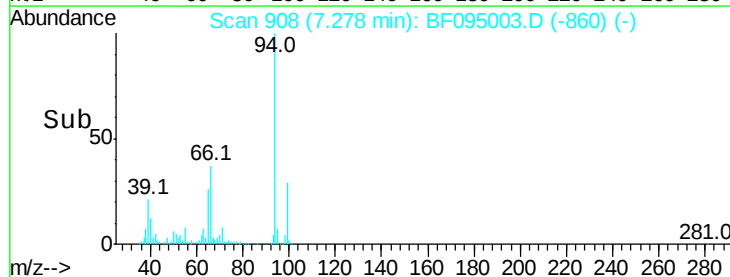
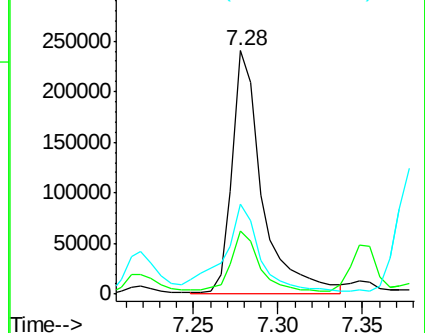
66 37.0 23.1 63.1



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: 38.81 ng

RT: 7.35 min Scan# 920

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampleId :

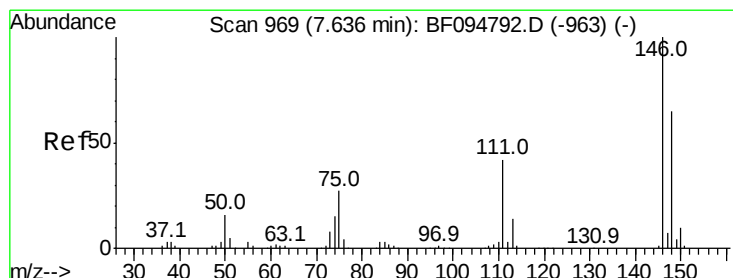
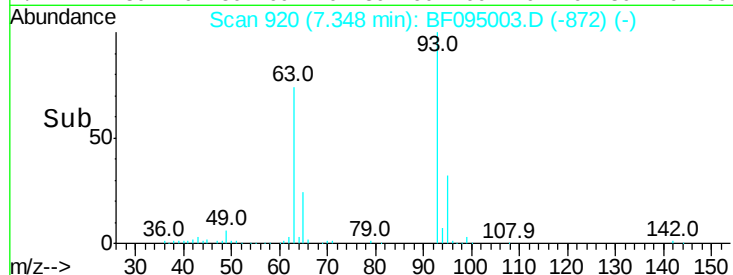
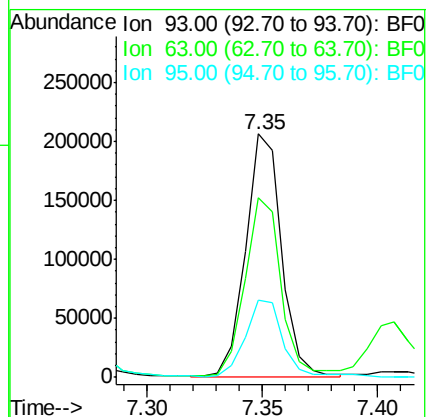
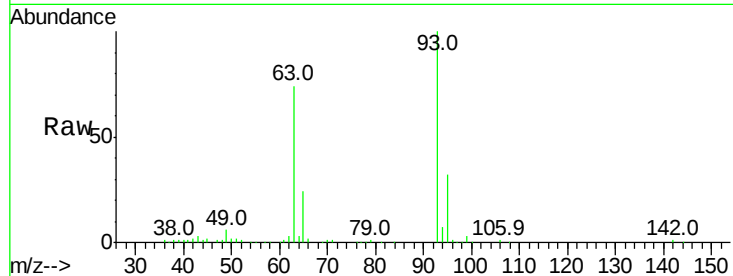
Tot Ion: 93 Resp: 223102

Ion Ratio Lower Upper

93 100

63 73.6 59.2 99.2

95 31.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 38.65 ng

RT: 7.62 min Scan# 966

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

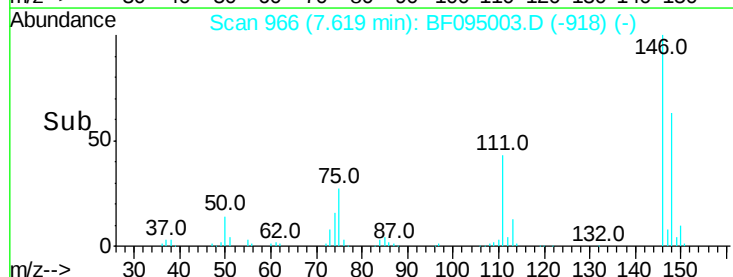
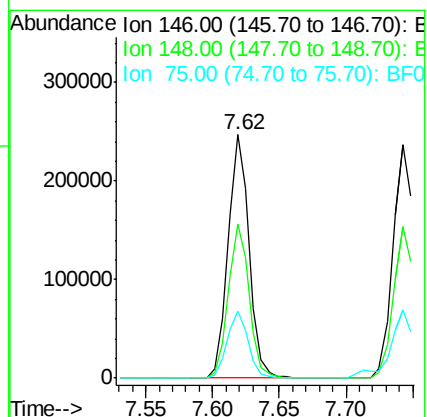
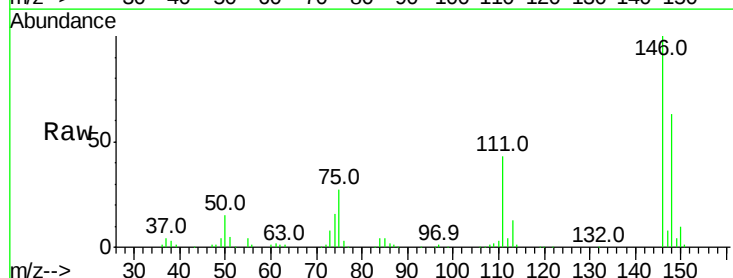
Tgt Ion: 146 Resp: 274836

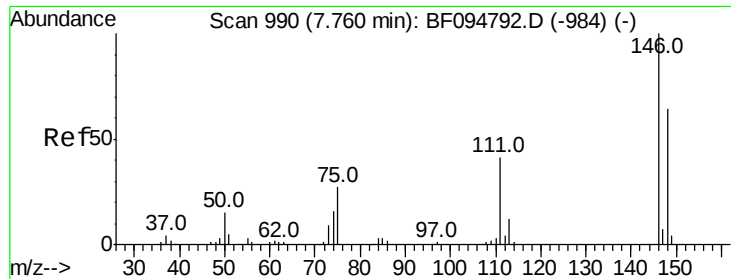
Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.6

75 27.3 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 37.70 ng

RT: 7.74 min Scan# 987

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampleId :

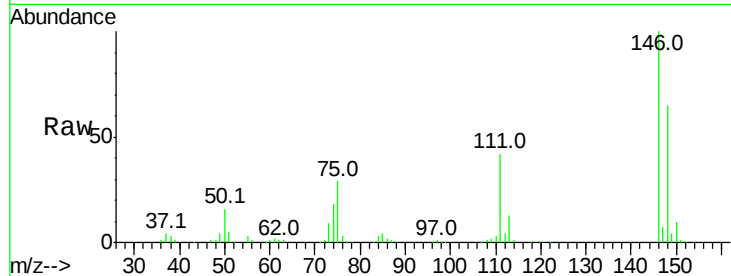
Tot Ion:146 Resp: 271862

Ion Ratio Lower Upper

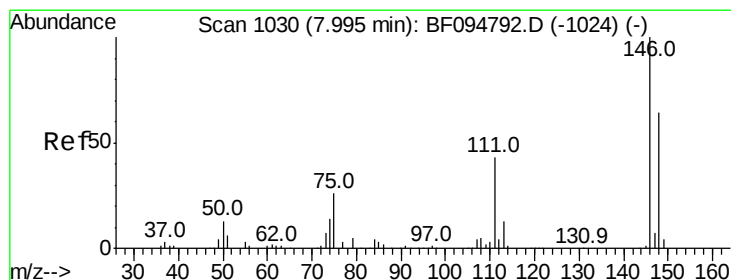
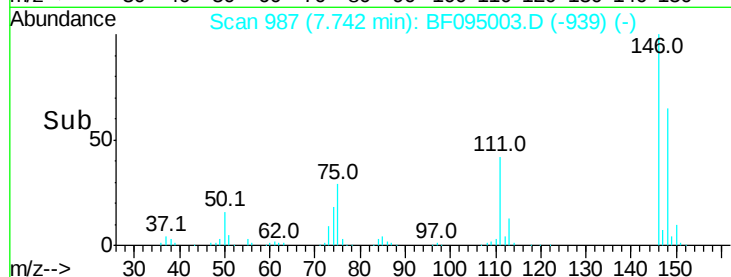
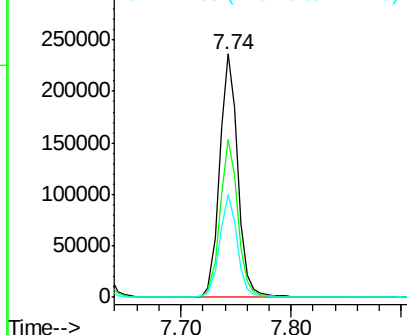
146 100

148 64.8 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: 38.40 ng

RT: 7.98 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

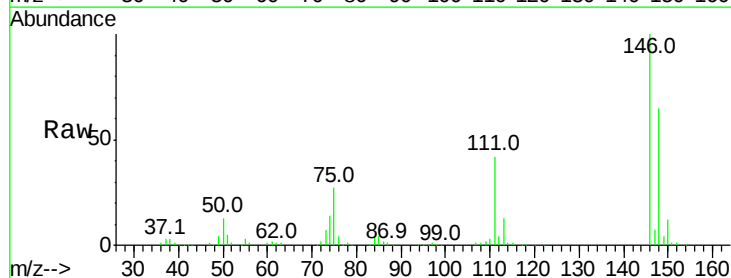
Tgt Ion:146 Resp: 258447

Ion Ratio Lower Upper

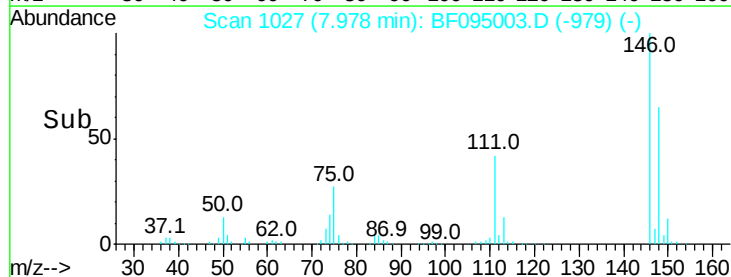
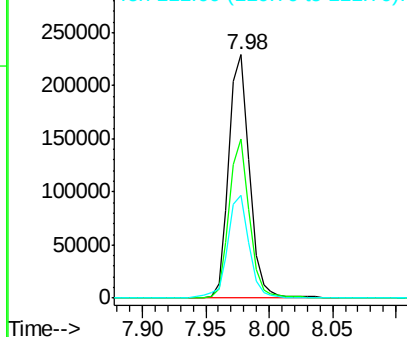
146 100

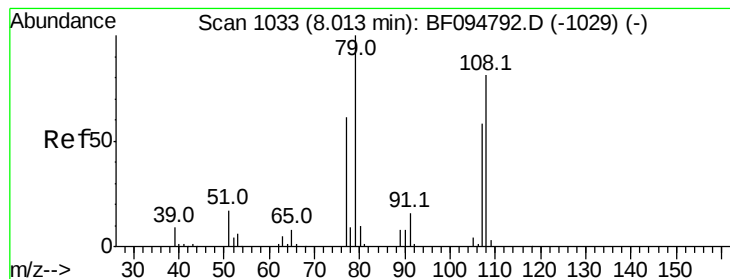
148 65.3 50.4 75.6

111 42.2 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: 45.40 ng

RT: 8.00 min Scan# 1030

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampleId :

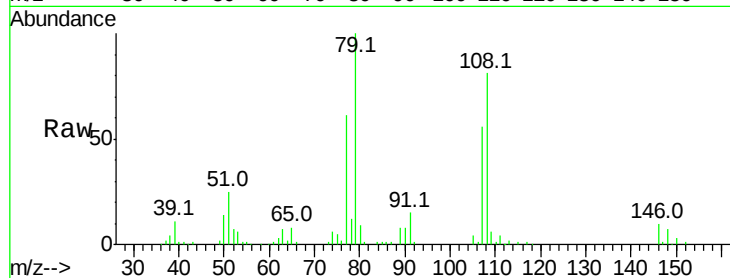
Tot Ion: 79 Resp: 192957

Ion Ratio Lower Upper

79 100

108 81.0 63.4 95.0

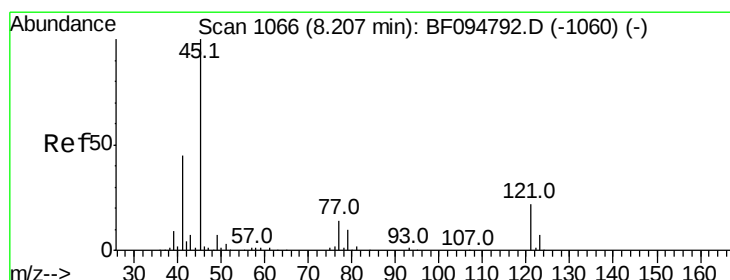
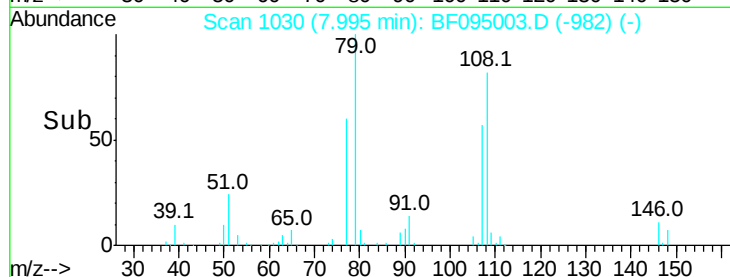
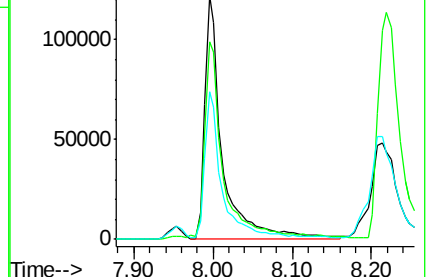
77 60.9 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.05 ng

RT: 8.21 min Scan# 1066

Delta R.T. 0.00 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

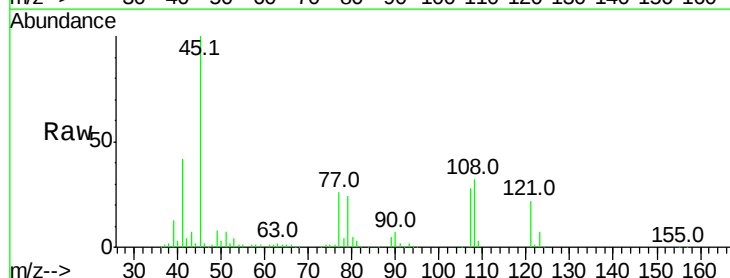
Tgt Ion: 45 Resp: 301463

Ion Ratio Lower Upper

45 100

77 26.3 0.0 33.2

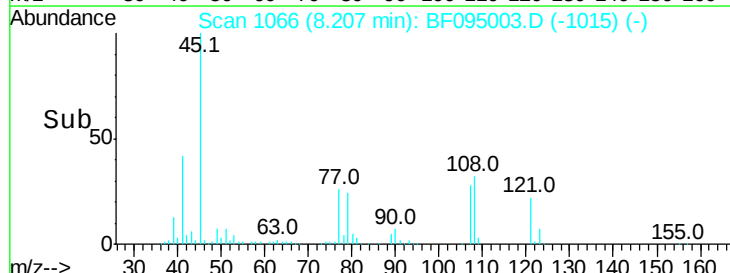
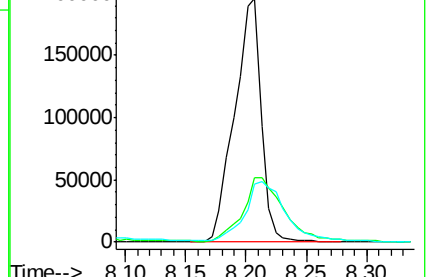
79 23.9 0.0 30.0

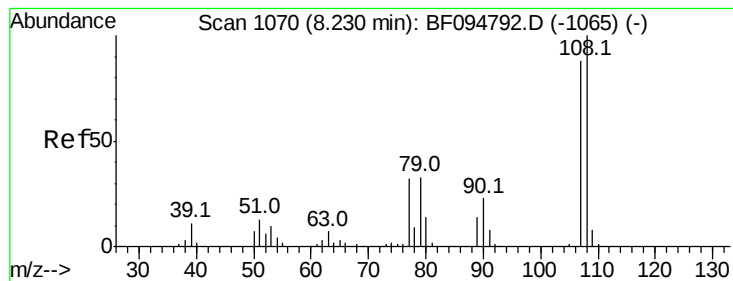


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

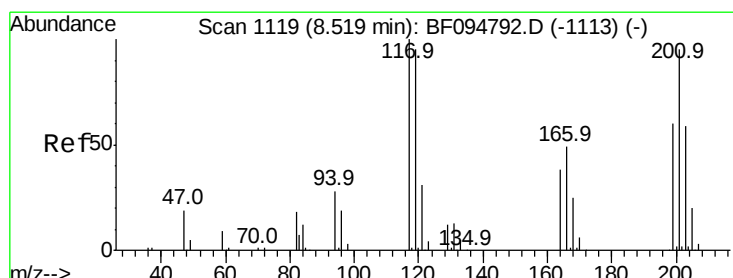
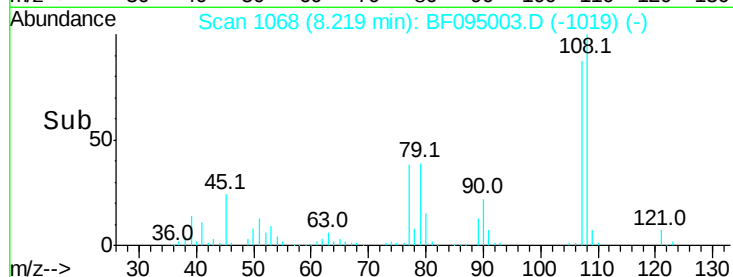
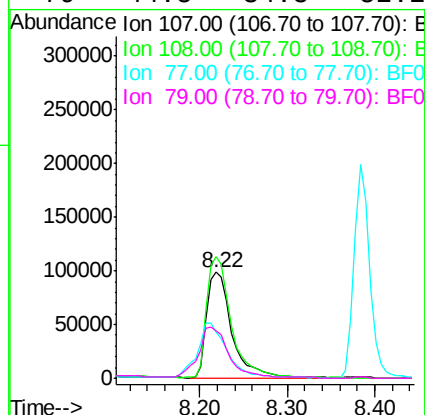
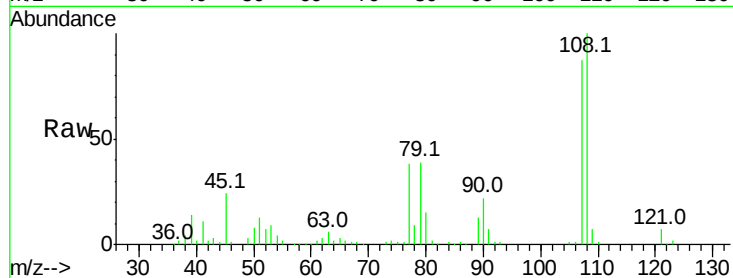




#17
 2-Methylphenol
 Concen: 38.54 ng
 RT: 8.22 min Scan# 1068
 Delta R.T. -0.01 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

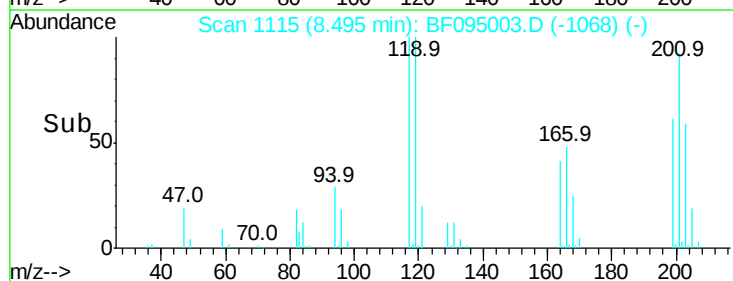
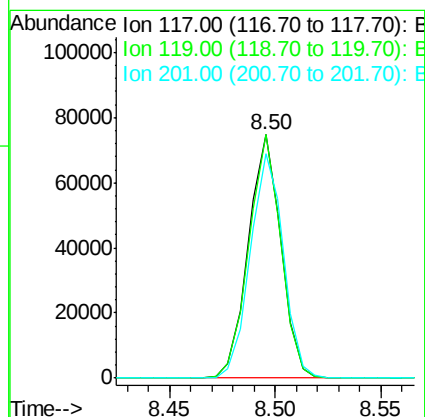
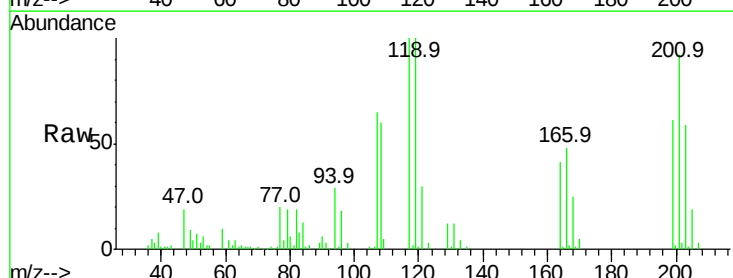
Instrument :
 BNA_F
 ClientSampleId :

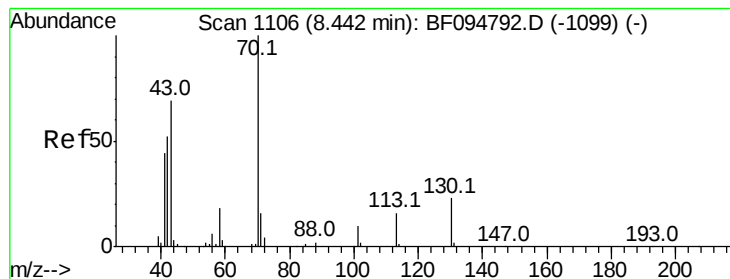
Tot Ion:	107	Resp:	197719
Ion	Ratio	Lower	Upper
107	100		
108	114.9	93.4	140.0
77	44.0	35.8	53.6
79	44.5	34.8	52.2



#18
 Hexachloroethane
 Concen: 32.76 ng
 RT: 8.50 min Scan# 1115
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

Tgt Ion:	117	Resp:	80021
Ion	Ratio	Lower	Upper
117	100		
119	99.8	77.4	116.0
201	92.3	94.6	141.8#





#19

n-Nitroso-di-n-propylamine

Concen: 38.87 ng

RT: 8.42 min Scan# 1103

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 173737

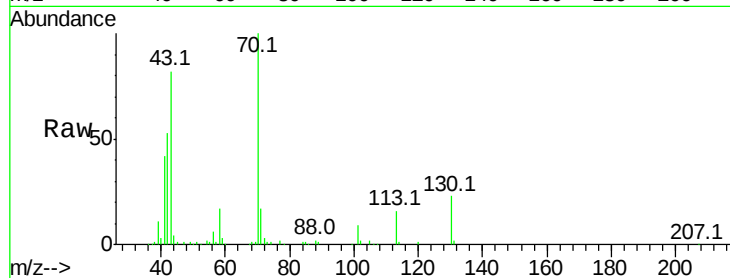
Ion Ratio Lower Upper

70 100

42 53.1 47.2 70.8

101 9.5 7.2 10.8

130 22.6 15.9 23.9

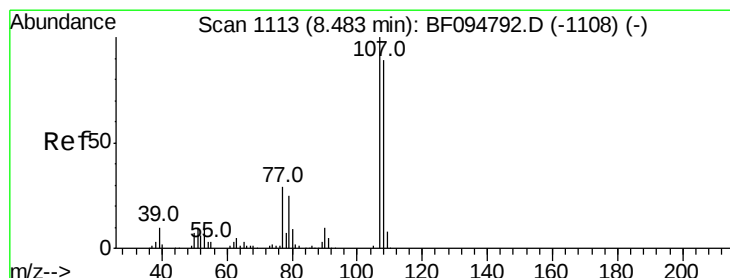
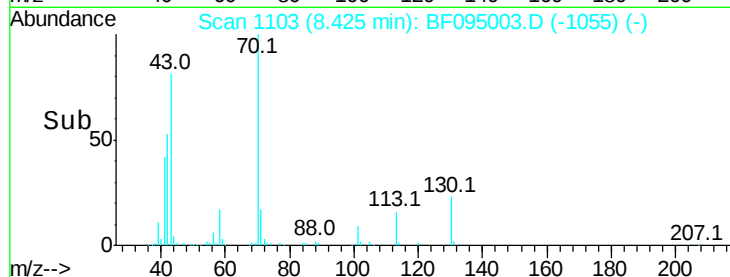
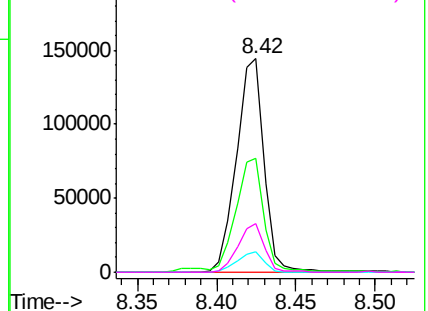


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 38.27 ng

RT: 8.48 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Tgt Ion:107 Resp: 266758

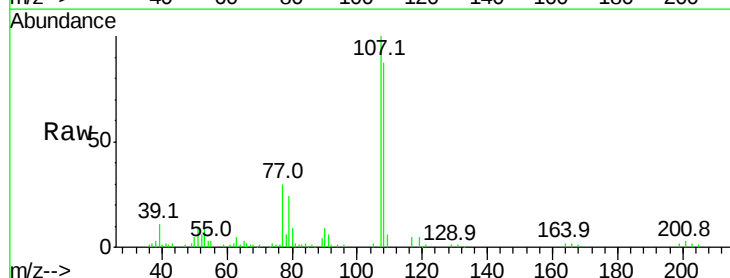
Ion Ratio Lower Upper

107 100

108 86.5 71.0 111.0

77 29.6 90.5 130.5#

79 24.1 8.4 48.4

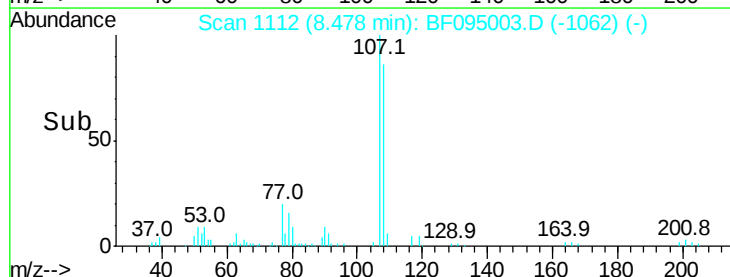
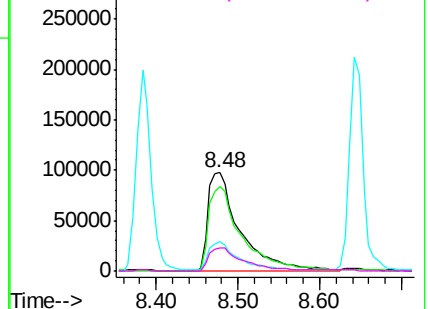


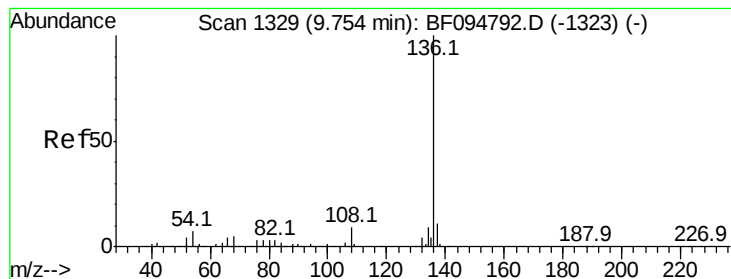
Abundance Ion 107.00 (106.70 to 107.70): E

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: 9.73 min Scan# 1325

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 361041

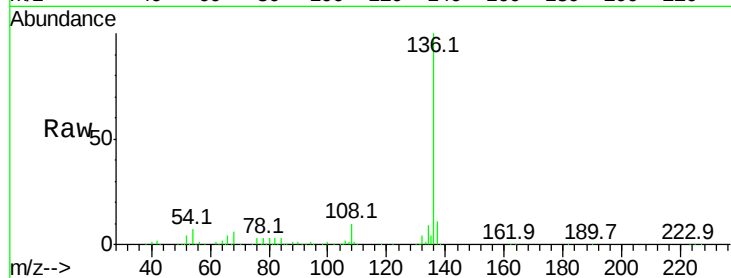
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.1 4.9 7.3

68 5.8 4.1 6.1

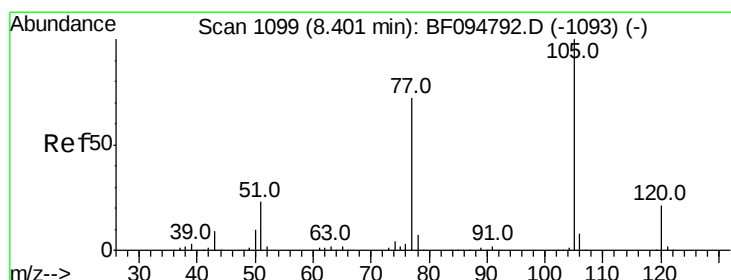
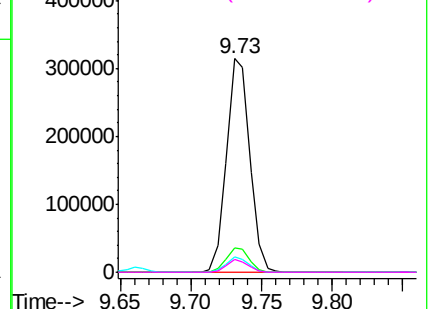
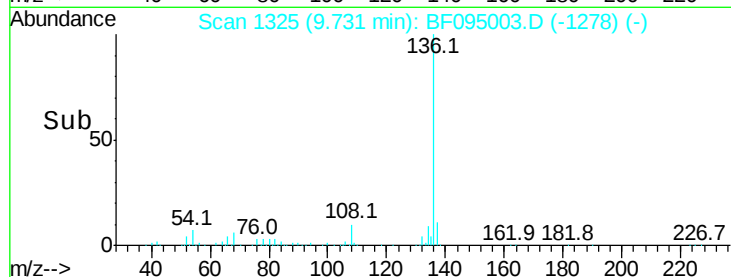


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 39.73 ng

RT: 8.38 min Scan# 1096

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Tgt Ion:105 Resp: 344191

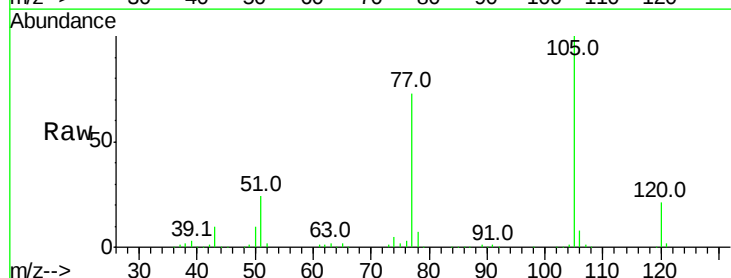
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 24.0 30.7 46.1#

120 21.3 17.4 26.0

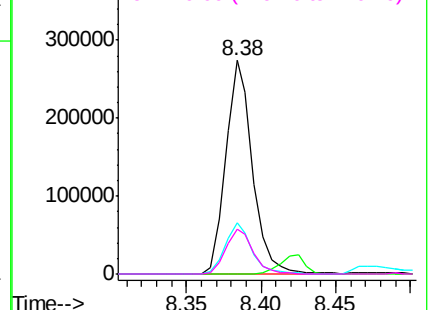
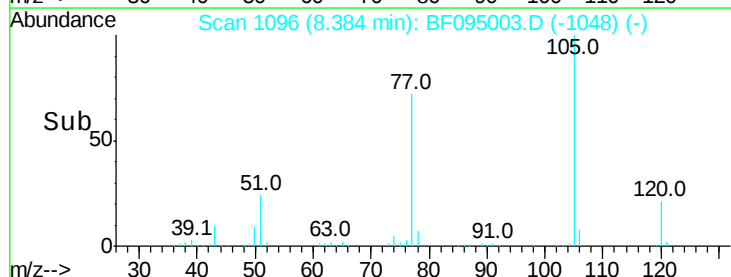


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

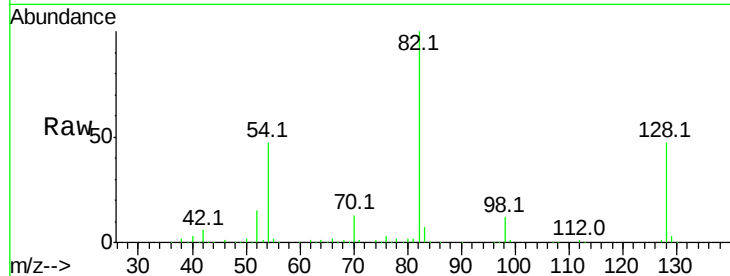




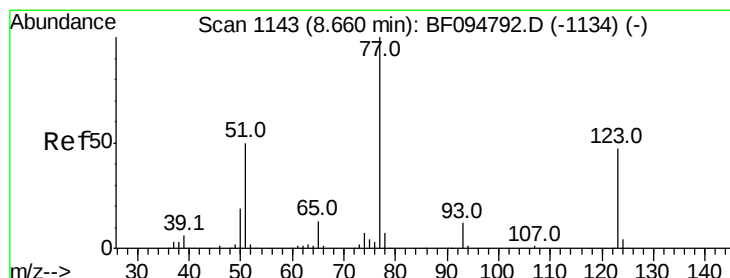
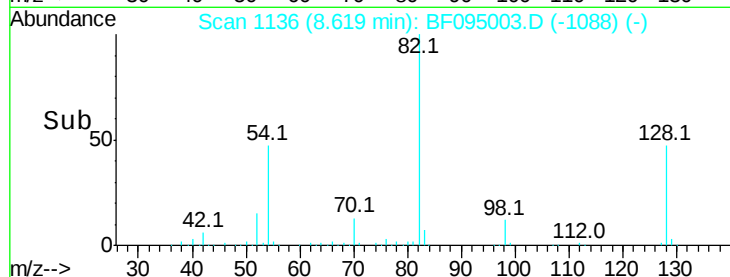
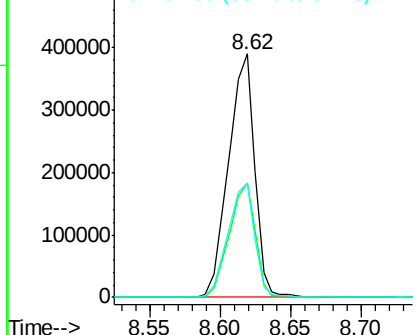
#23
Nitrobenzene-d5
Concen: 87.65 ng
RT: 8.62 min Scan# 1136
Delta R.T. -0.02 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 501814
Ion Ratio Lower Upper
82 100
128 47.0 34.0 51.0
54 47.2 42.2 63.2

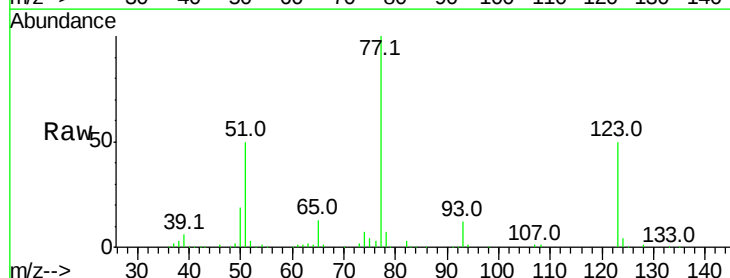


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

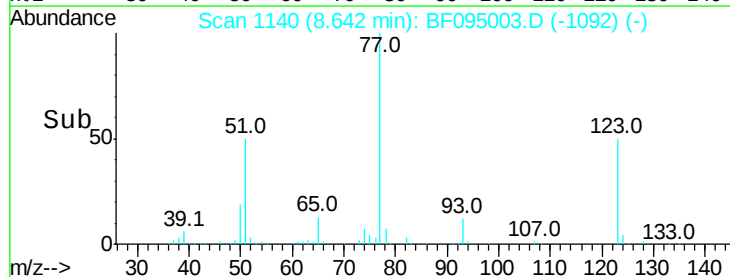
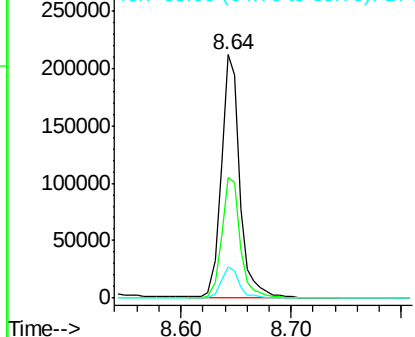


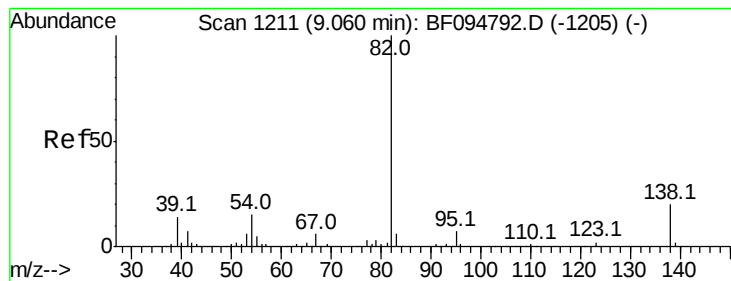
#24
Nitrobenzene
Concen: 40.94 ng
RT: 8.64 min Scan# 1140
Delta R.T. -0.02 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

Tgt Ion: 77 Resp: 245696
Ion Ratio Lower Upper
77 100
123 49.7 35.8 53.8
65 12.8 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: 41.25 ng

RT: 9.04 min Scan# 1208

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampleId :

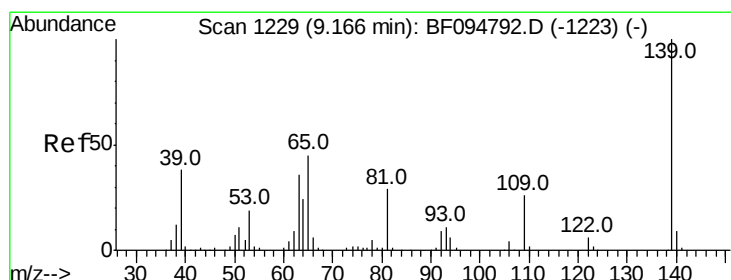
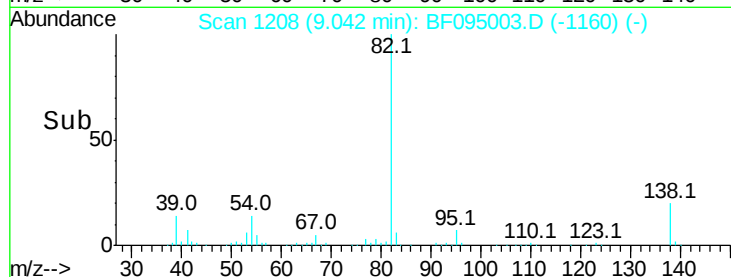
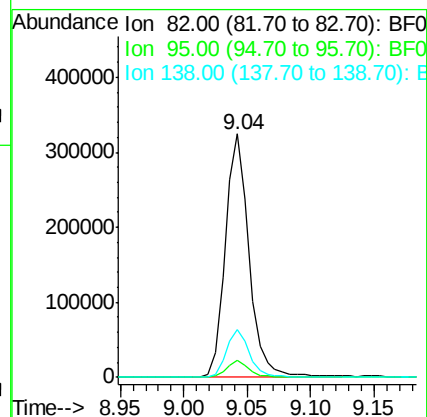
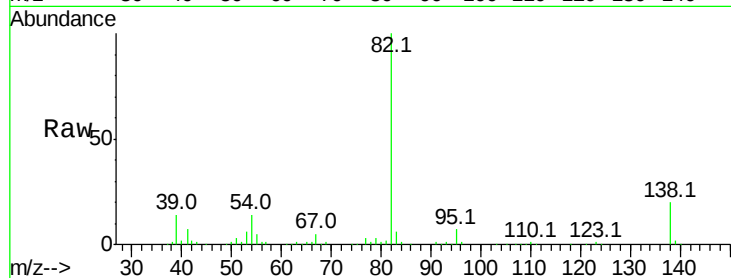
Tot Ion: 82 Resp: 421691

Ion Ratio Lower Upper

82 100

95 6.9 5.3 7.9

138 19.7 13.1 19.7#



#26

2-Nitrophenol

Concen: 39.36 ng

RT: 9.15 min Scan# 1226

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

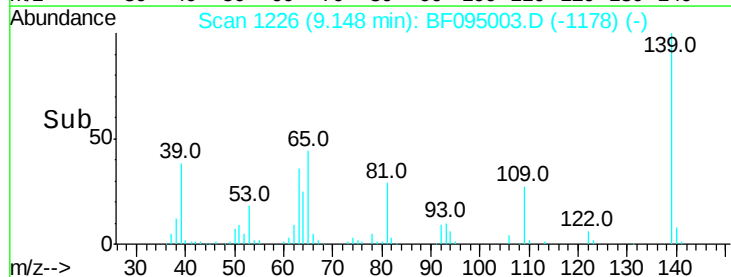
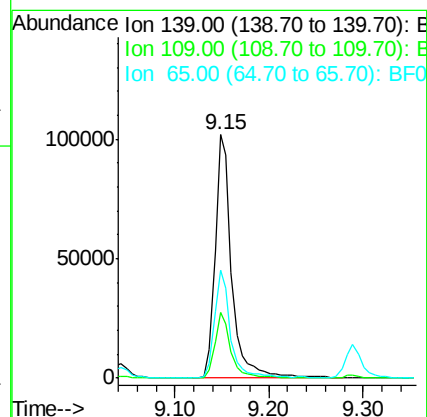
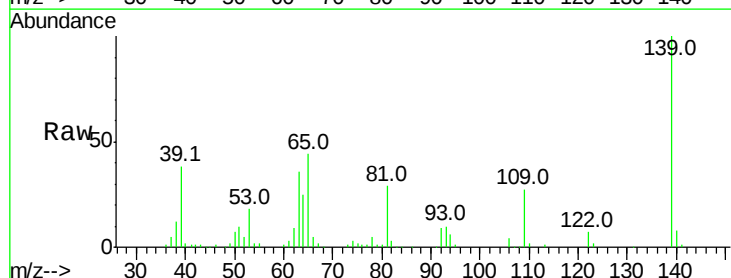
Tgt Ion:139 Resp: 127443

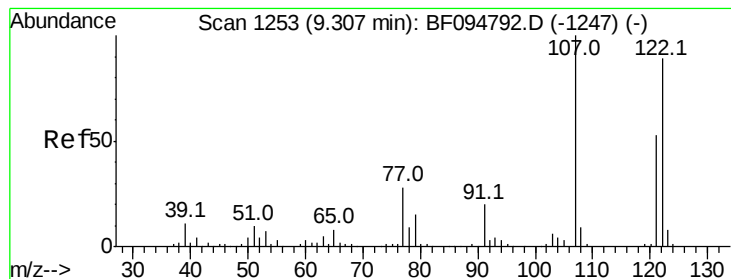
Ion Ratio Lower Upper

139 100

109 27.2 21.0 31.6

65 44.1 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 39.09 ng

RT: 9.29 min Scan# 1250

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampled :

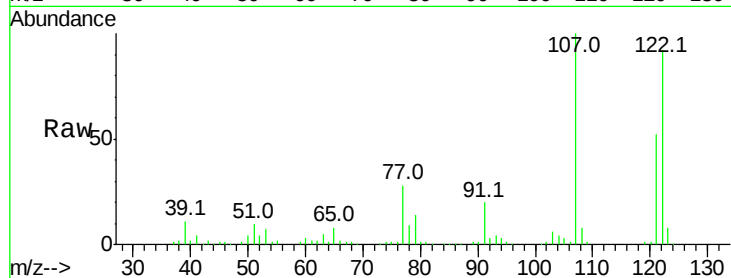
Tot Ion:122 Resp: 204658

Ion Ratio Lower Upper

122 100

107 109.1 89.2 133.8

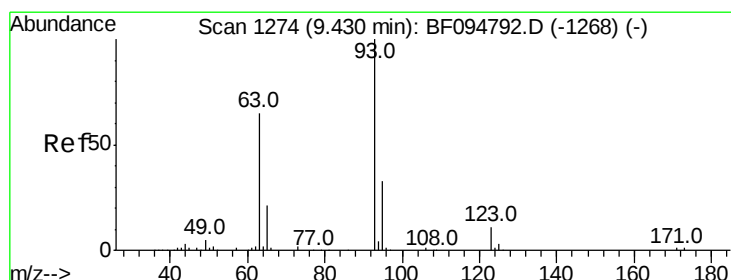
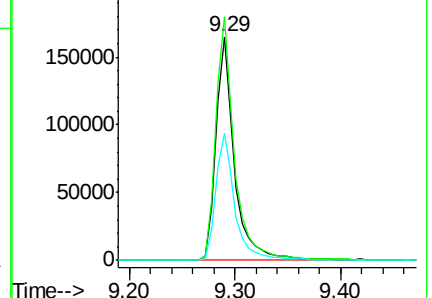
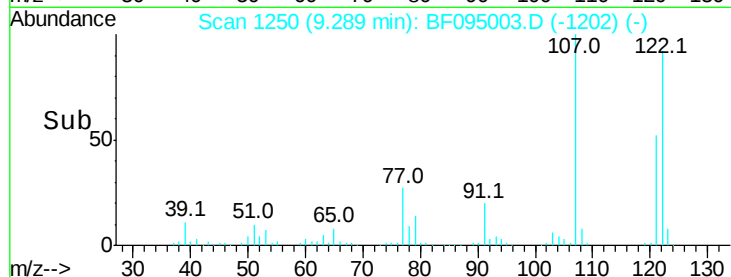
121 57.0 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.82 ng

RT: 9.41 min Scan# 1271

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

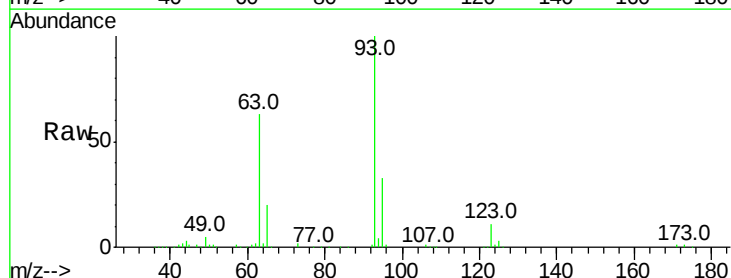
Tgt Ion: 93 Resp: 288717

Ion Ratio Lower Upper

93 100

95 32.8 26.5 39.7

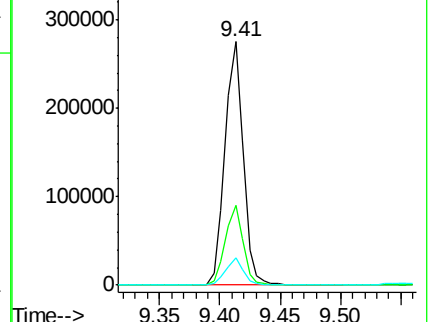
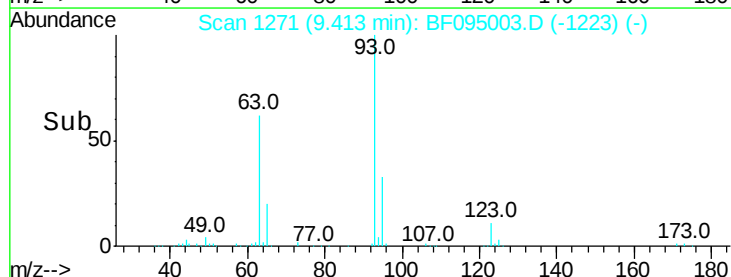
123 11.3 9.0 13.4

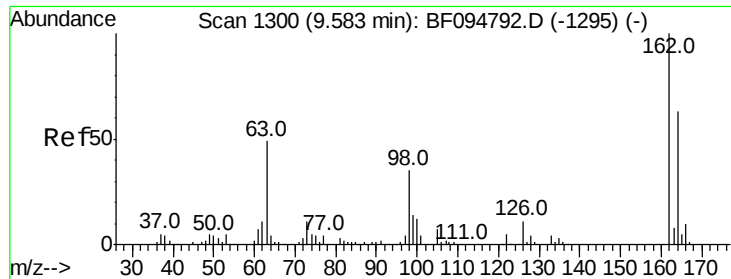


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

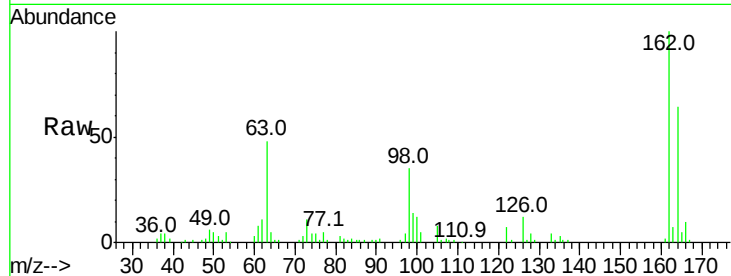




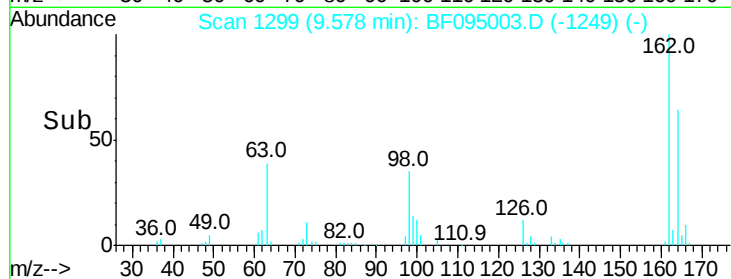
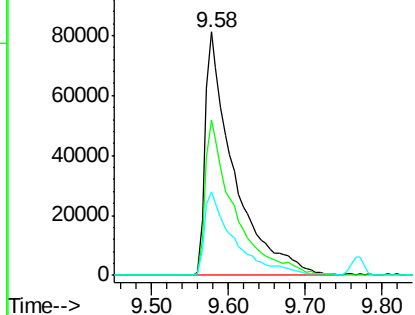
#29
 2,4-Dichlorophenol
 Concen: 42.17 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 208444
 Ion Ratio Lower Upper
 162 100
 164 63.6 44.6 84.6
 98 34.6 14.8 54.8

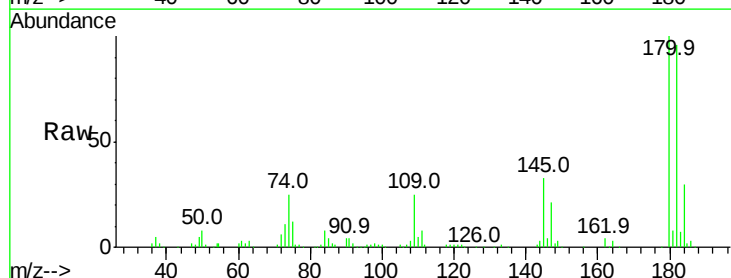


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

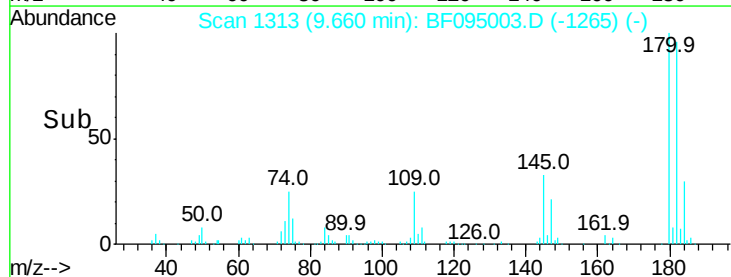
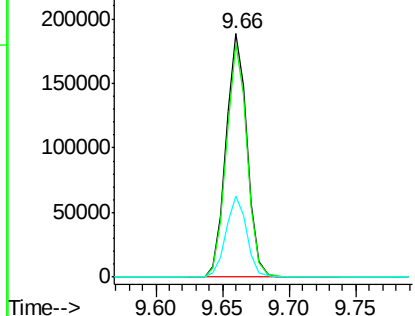


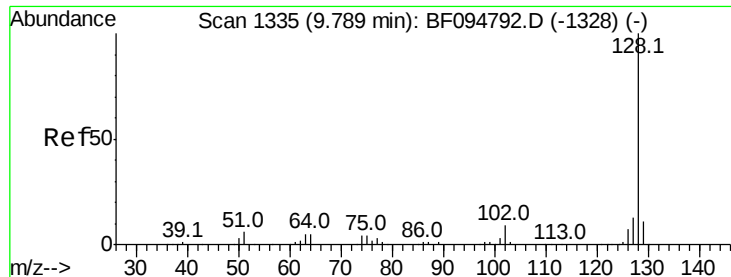
#30
 1,2,4-Trichlorobenzene
 Concen: 39.70 ng
 RT: 9.66 min Scan# 1313
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

Tgt Ion:180 Resp: 210242
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.8 113.6
 145 33.1 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: 36.25 ng

RT: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampleId :

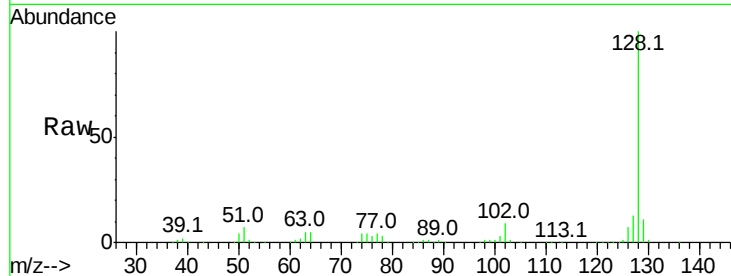
Tot Ion:128 Resp: 657712

Ion Ratio Lower Upper

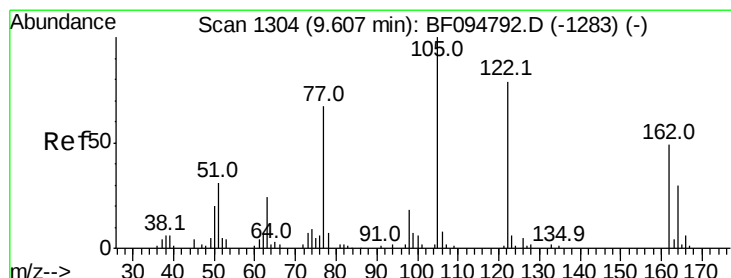
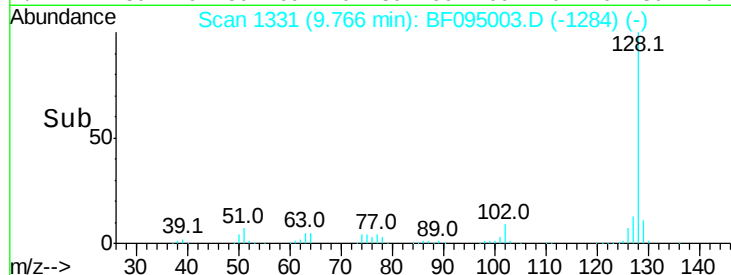
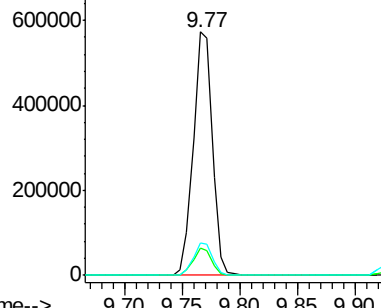
128 100

129 11.2 9.0 13.6

127 13.4 10.8 16.2



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



#32

Benzoic acid

Concen: 24.47 ng

RT: 9.57 min Scan# 1297

Delta R.T. -0.04 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

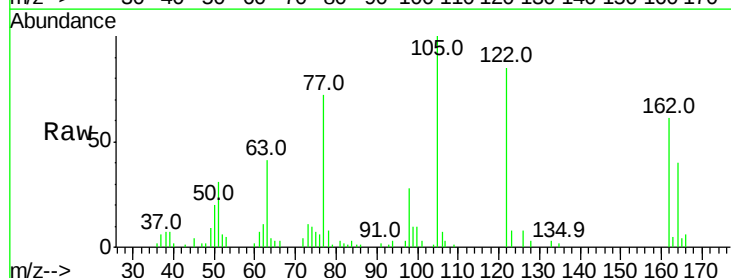
Tgt Ion:122 Resp: 74542

Ion Ratio Lower Upper

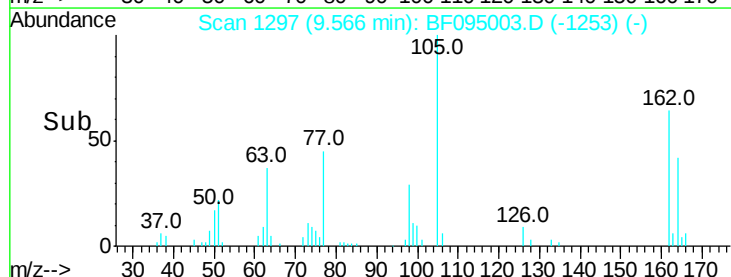
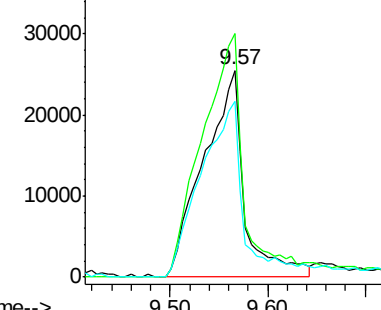
122 100

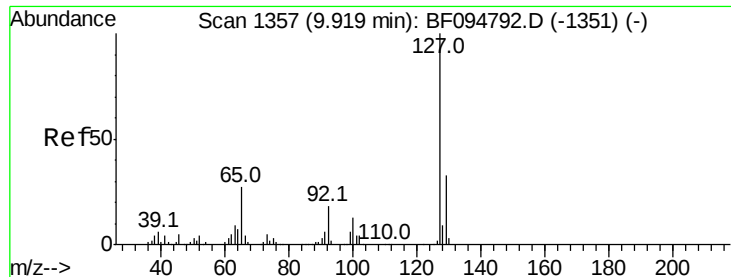
105 117.6 103.3 143.3

77 84.8 73.7 113.7



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

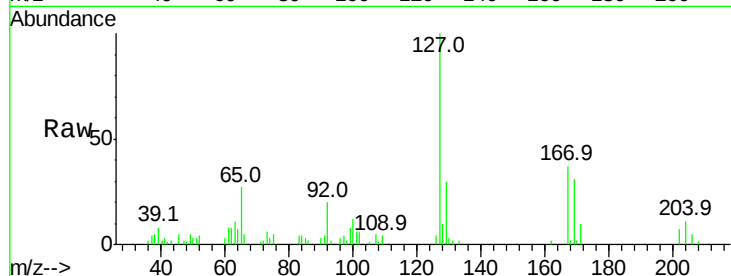




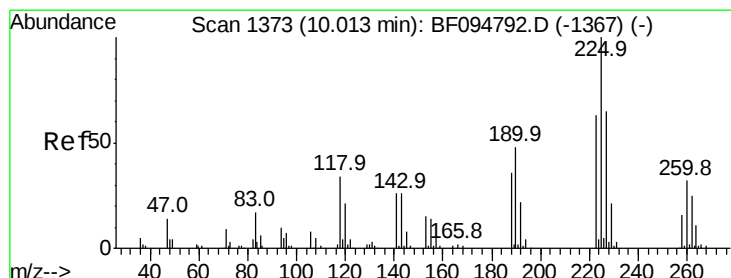
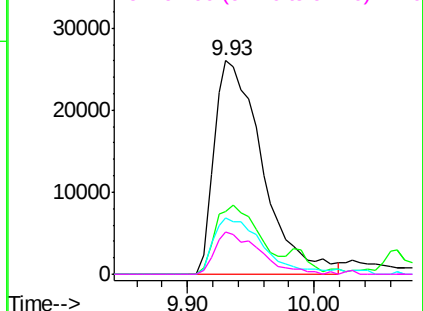
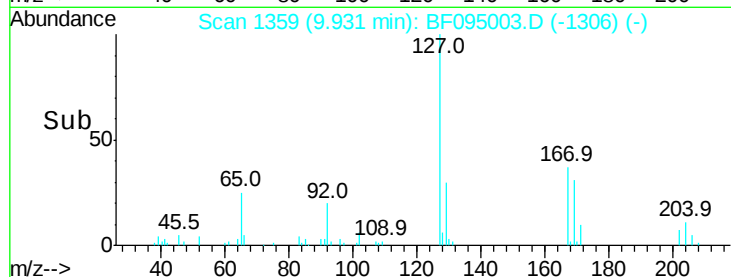
#33
4-Chloroaniline
Concen: 10.15 ng
RT: 9.93 min Scan# 1359
Delta R.T. 0.01 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
127	100		
129	29.6	26.2	39.2
65	26.6	27.8	41.8#
92	19.7	16.8	25.2

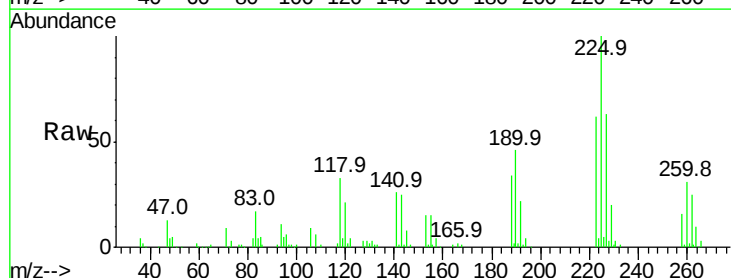


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

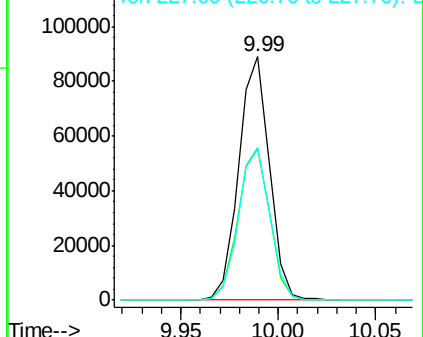
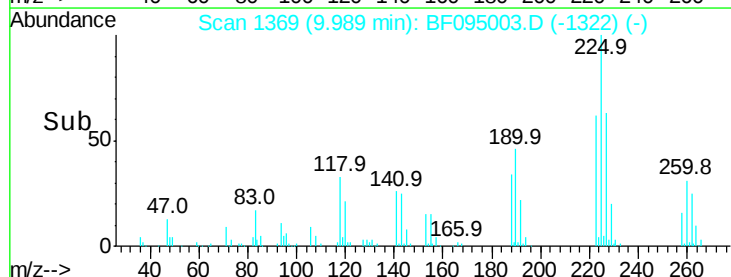


#34
Hexachlorobutadiene
Concen: 34.72 ng
RT: 9.99 min Scan# 1369
Delta R.T. -0.02 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.2	48.8	73.2
227	62.6	51.1	76.7



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





#35

Caprolactam

Concen: 8.16 ng

RT: 10.57 min Scan# 1468

Delta R.T. 0.04 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampleId :

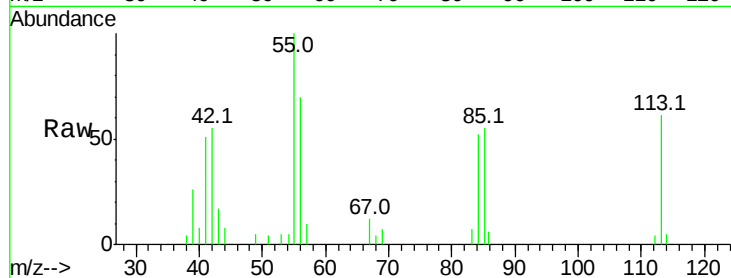
Tot Ion:113 Resp: 12107

Ion Ratio Lower Upper

113 100

55 164.9 150.2 190.2

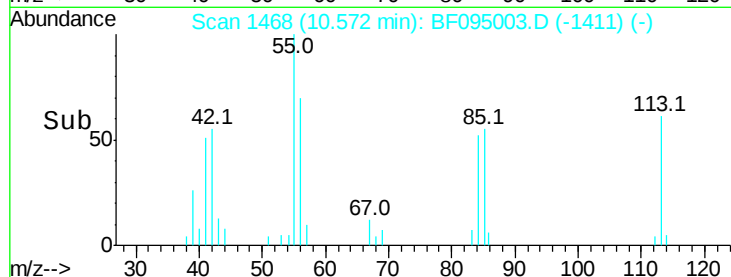
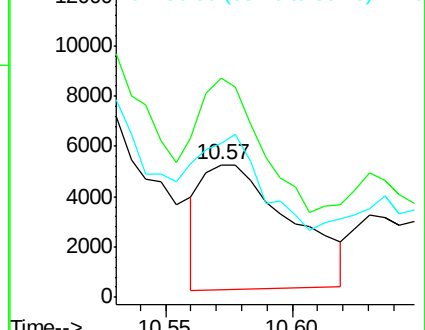
56 115.7 107.8 147.8



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: 37.07 ng

RT: 10.77 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

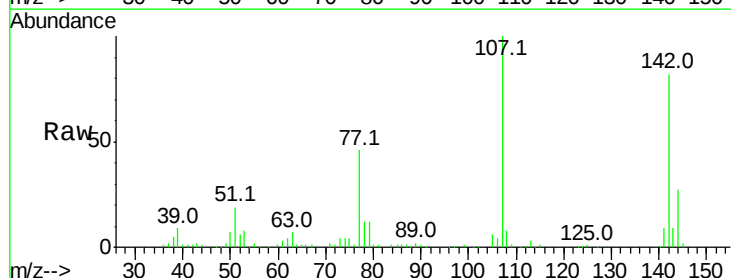
Tgt Ion:107 Resp: 195935

Ion Ratio Lower Upper

107 100

144 26.7 24.2 36.4

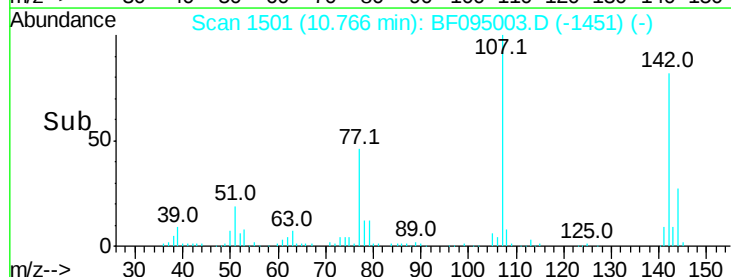
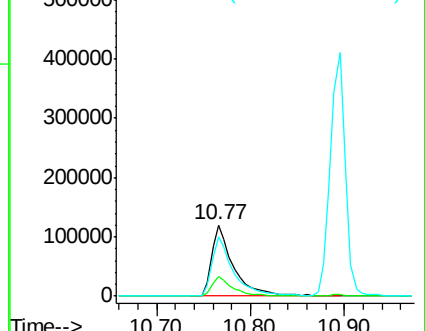
142 82.3 73.4 110.0

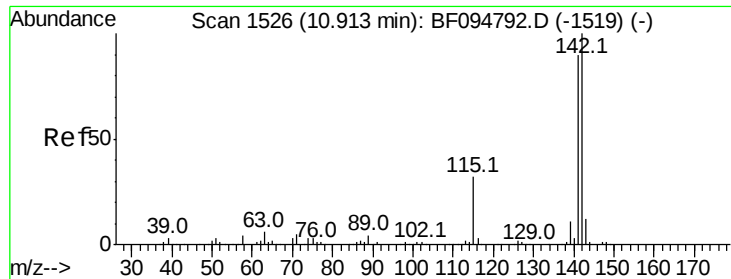


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

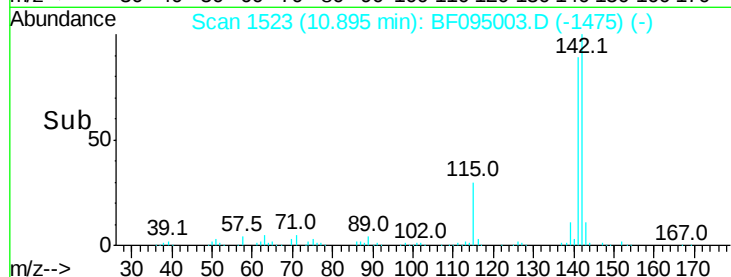
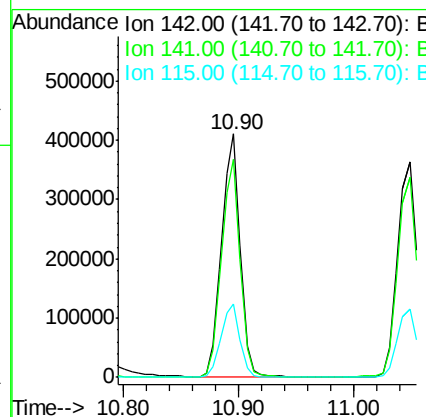
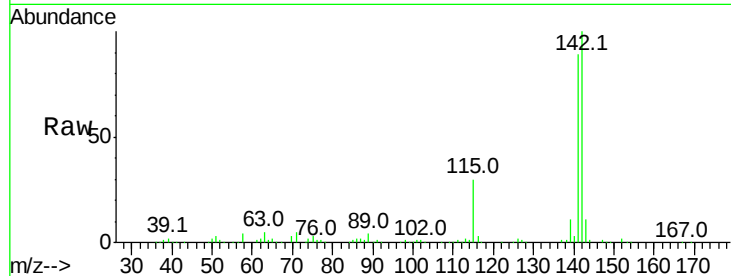




#37
 2-Methylnaphthalene
 Concen: 38.72 ng
 RT: 10.90 min Scan# 1523
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

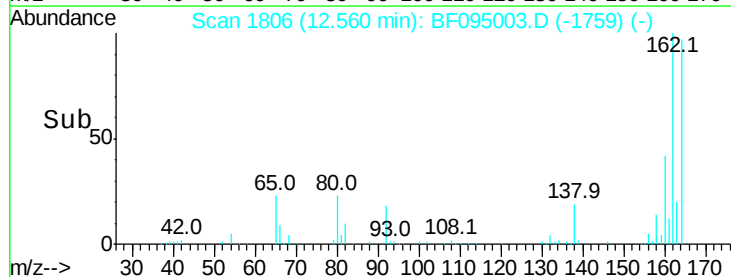
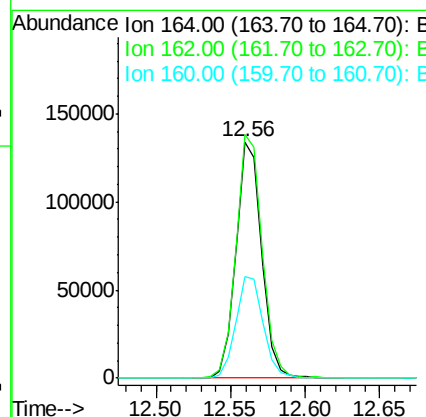
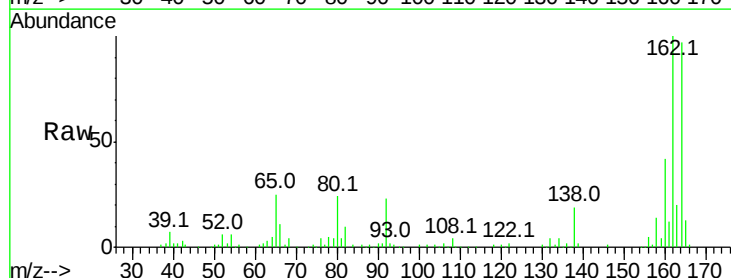
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:142 Resp: 461171
 Ion Ratio Lower Upper
 142 100
 141 89.4 71.3 106.9
 115 30.4 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.56 min Scan# 1806
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

Tgt Ion:164 Resp: 161568
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 43.0 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 36.75 ng

RT: 11.17 min Scan# 1570

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 182616

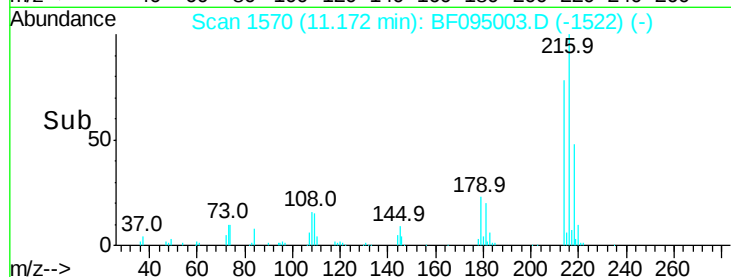
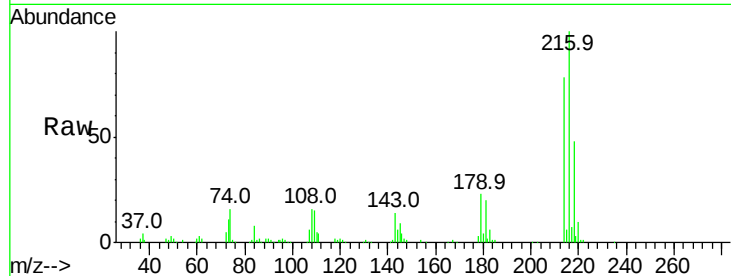
Ion Ratio Lower Upper

216 100

214 78.9 63.4 95.2

179 22.5 17.9 26.9

108 18.4 16.5 24.7

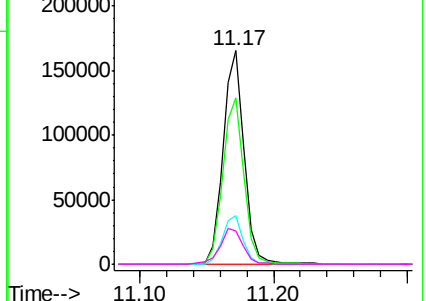


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 24.74 ng

RT: 11.15 min Scan# 1566

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

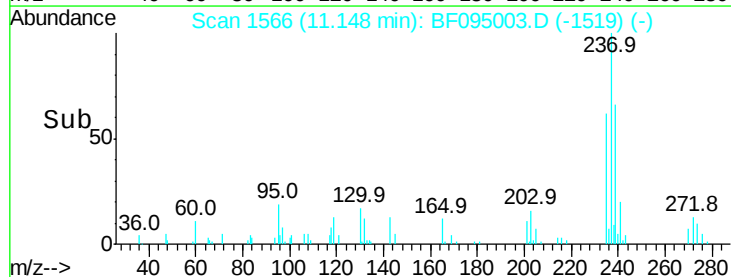
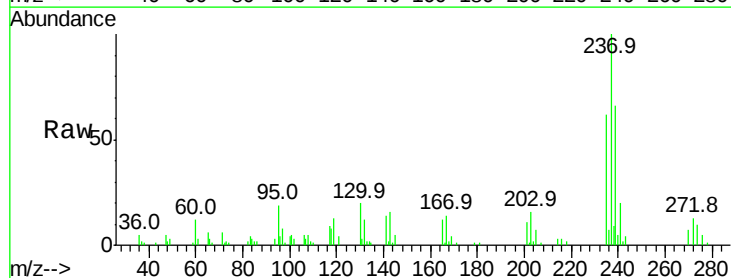
Tgt Ion:237 Resp: 42232

Ion Ratio Lower Upper

237 100

235 62.5 42.6 82.6

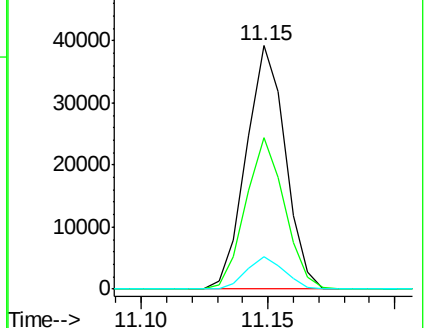
272 13.3 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

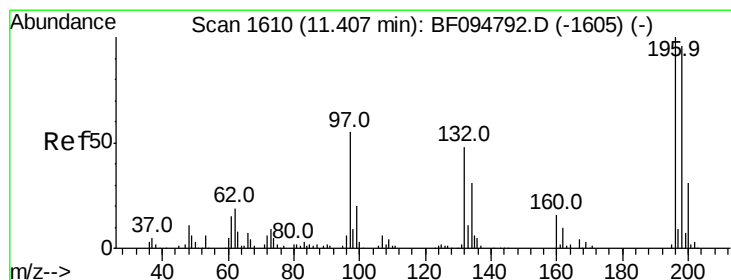
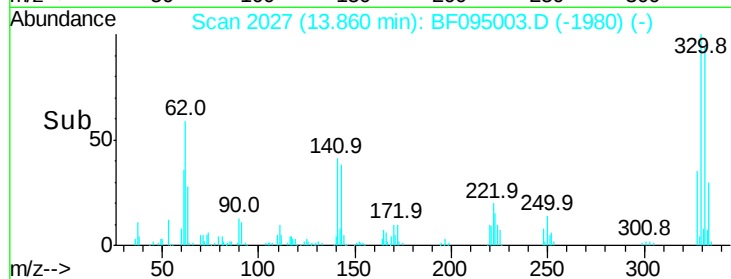
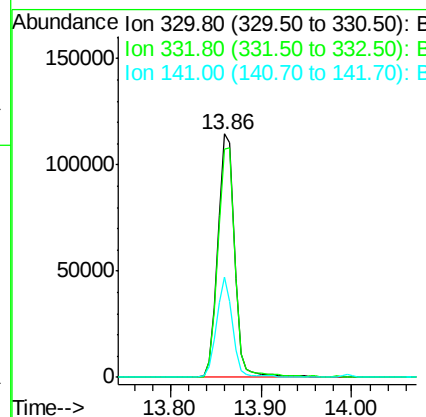
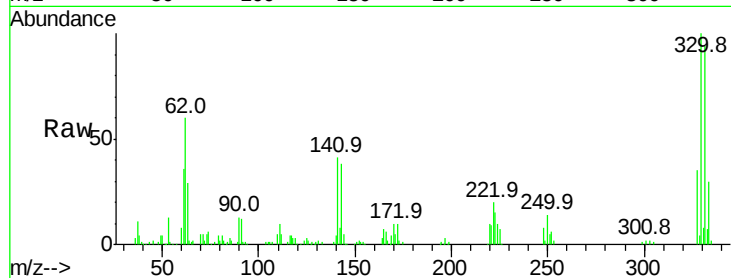




#41
 2,4,6-Tribromophenol
 Concen: 112.20 ng
 RT: 13.86 min Scan# 2027
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

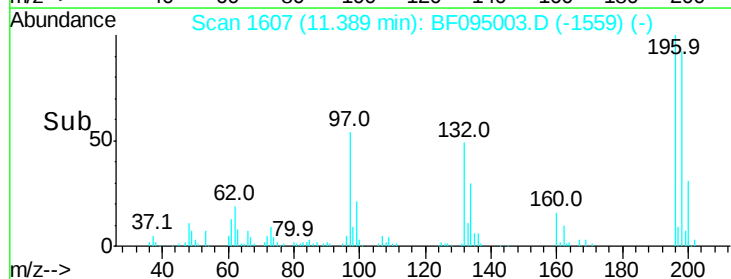
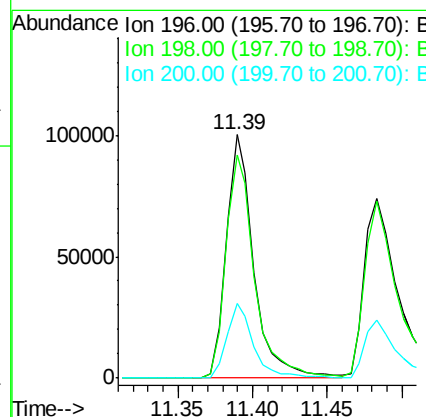
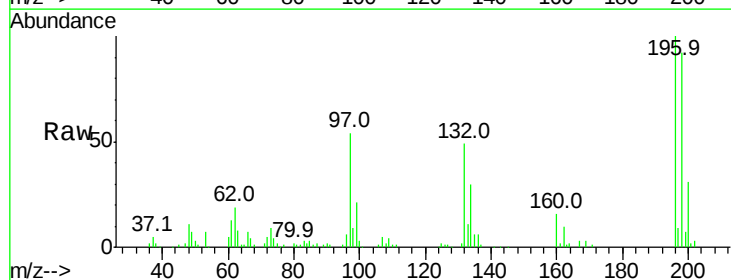
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	39.0	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 39.37 ng
 RT: 11.39 min Scan# 1607
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

Tgt Ion	Ratio	Lower	Upper
196	100		
198	91.9	74.2	111.4
200	30.6	24.0	36.0

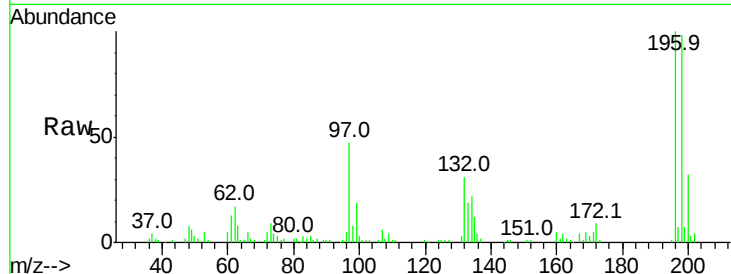




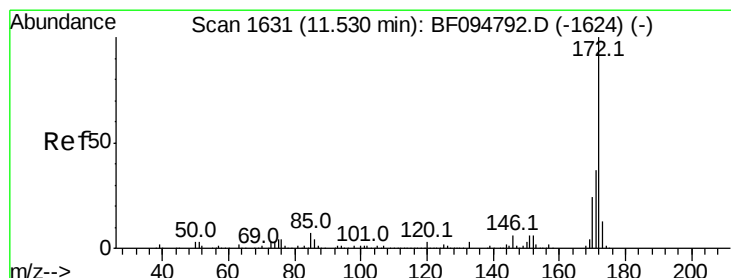
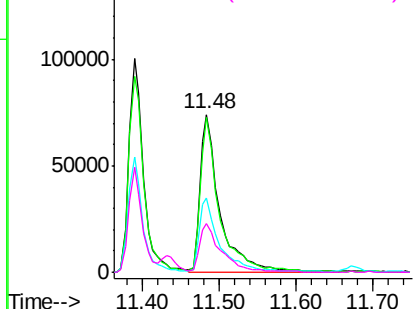
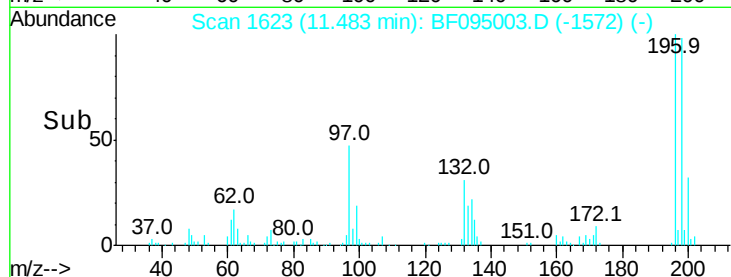
#43
 2,4,5-Trichlorophenol
 Concen: 36.68 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 130772
 Ion Ratio Lower Upper
 196 100
 198 98.3 75.7 113.5
 97 47.4 47.7 71.5#
 132 31.1 28.0 42.0

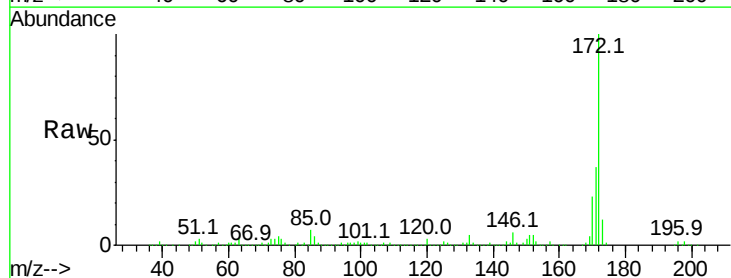


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

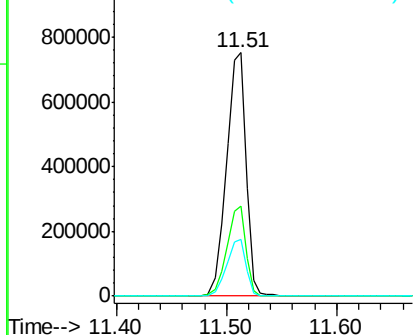
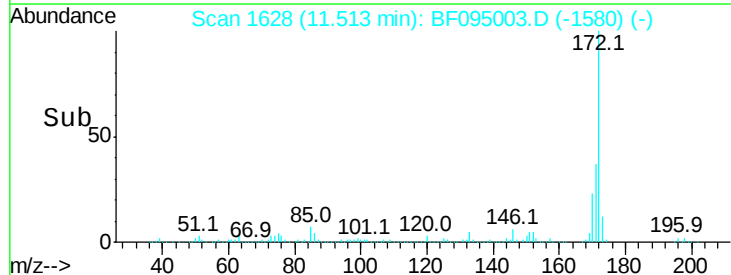


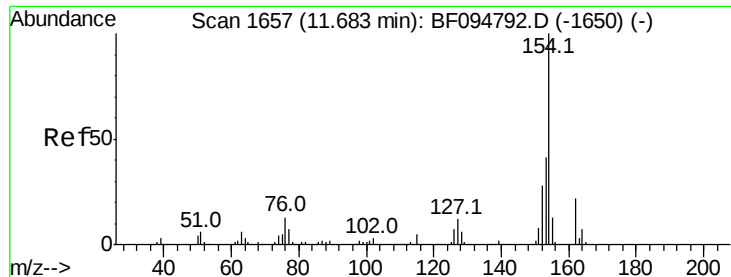
#44
 2-Fluorobiphenyl
 Concen: 83.34 ng
 RT: 11.51 min Scan# 1628
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

Tgt Ion:172 Resp: 935460
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.6 44.4
 170 23.5 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 39.63 ng

RT: 11.66 min Scan# 1653

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampleId :

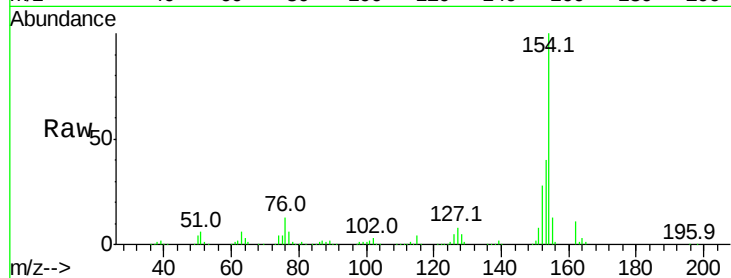
Tot Ion:154 Resp: 539140

Ion Ratio Lower Upper

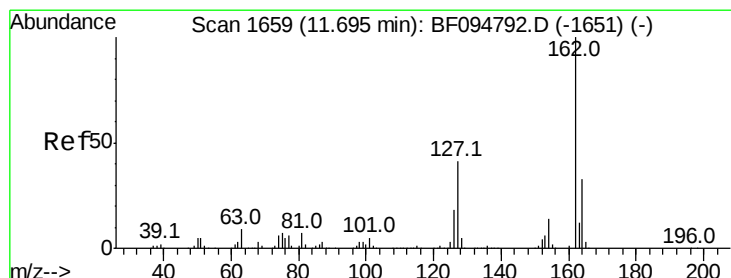
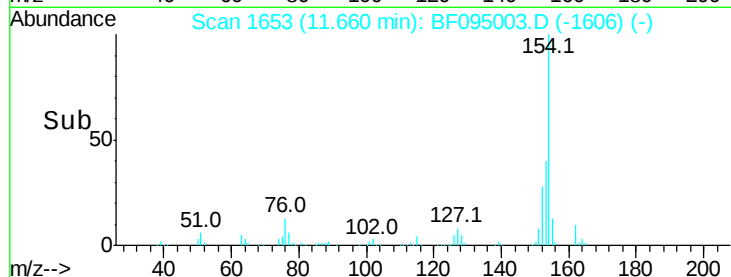
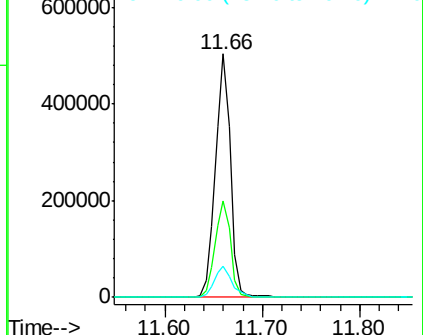
154 100

153 39.8 21.2 61.2

76 13.0 0.0 29.9



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



#46

2-Chloronaphthalene

Concen: 38.15 ng

RT: 11.68 min Scan# 1656

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

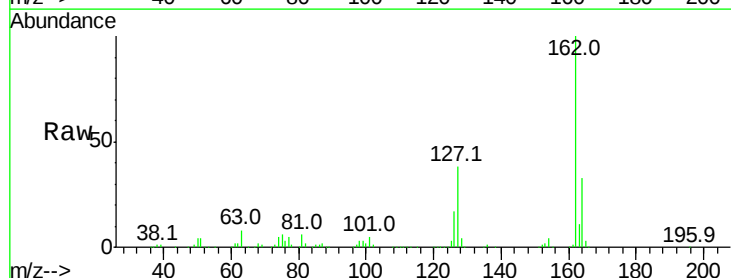
Tgt Ion:162 Resp: 419068

Ion Ratio Lower Upper

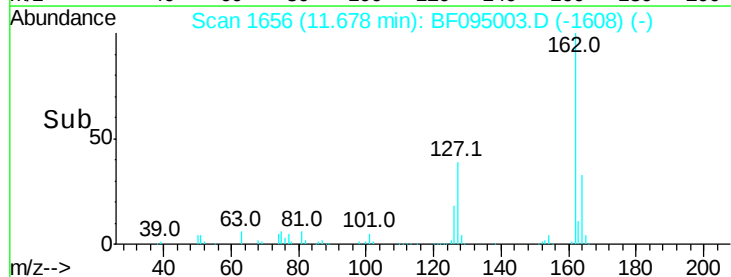
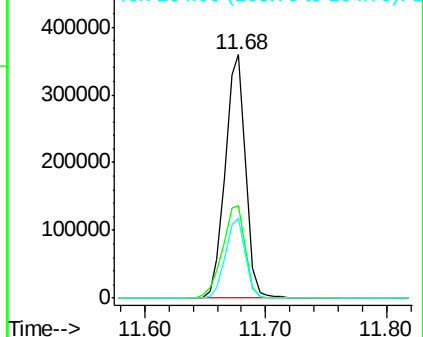
162 100

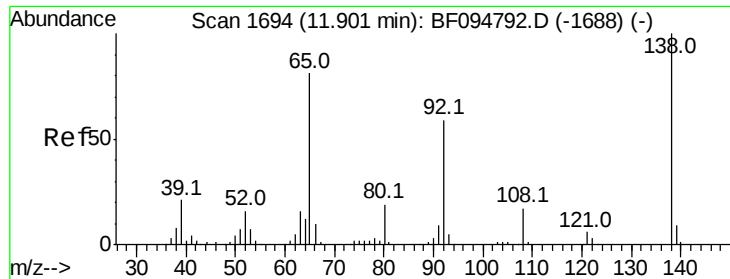
127 38.2 28.3 42.5

164 32.6 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

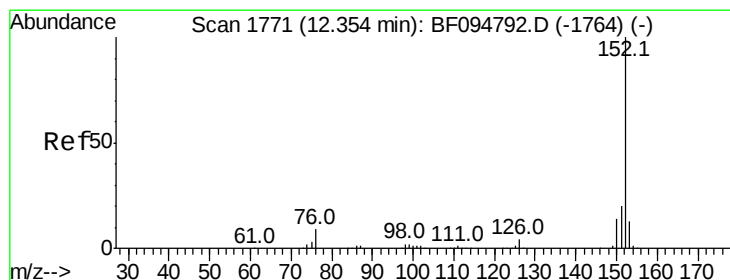
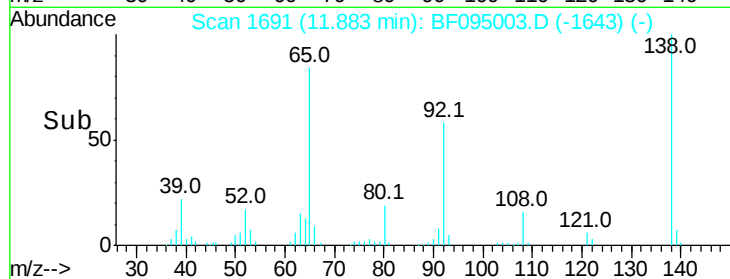
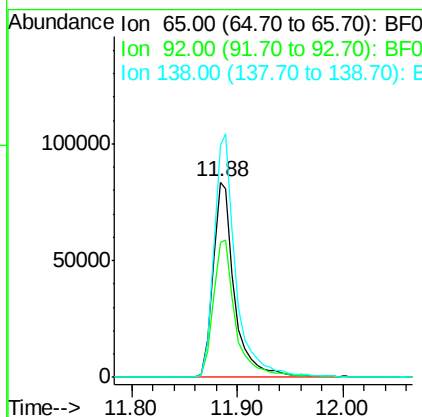
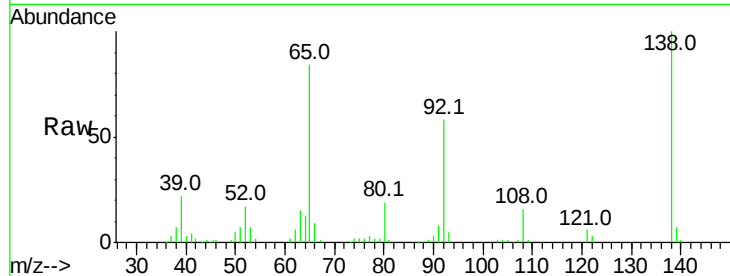




#47
 2-Nitroaniline
 Concen: 40.03 ng
 RT: 11.88 min Scan# 1691
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

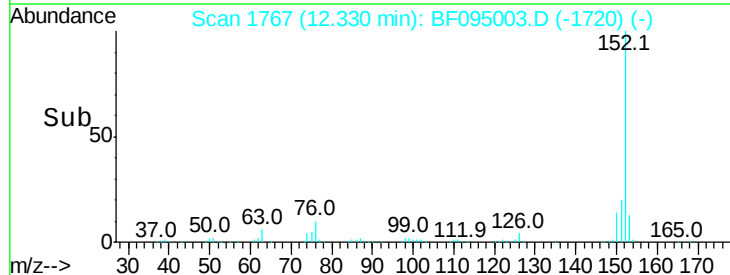
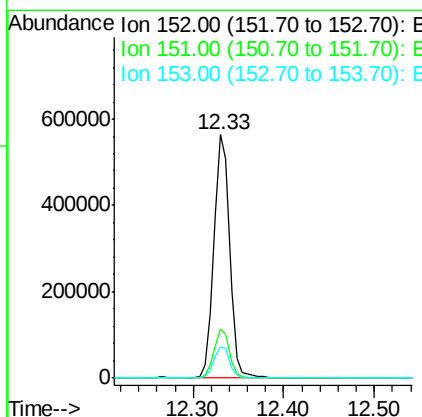
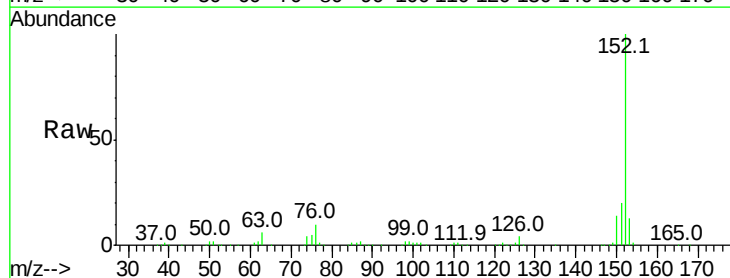
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 120340
 Ion Ratio Lower Upper
 65 100
 92 68.9 53.9 80.9
 138 119.1 78.8 118.2#



#48
 Acenaphthylene
 Concen: 39.56 ng
 RT: 12.33 min Scan# 1767
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

Tgt Ion:152 Resp: 680561
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 13.0 10.8 16.2





#49

Dimethylphthalate

Concen: 48.22 ng

RT: 12.21 min Scan# 1746

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampleId :

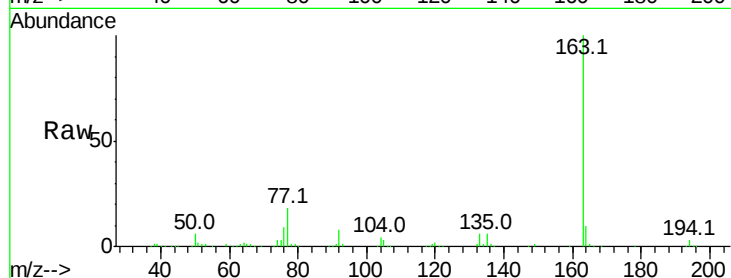
Tot Ion:163 Resp: 639601

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

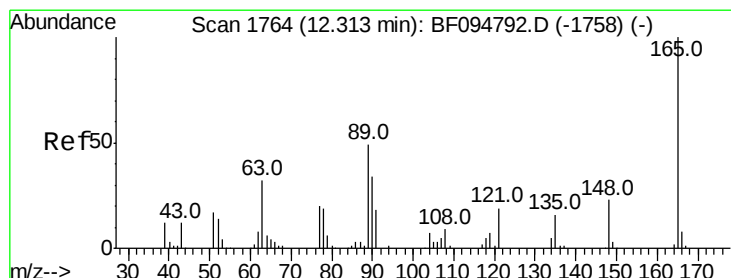
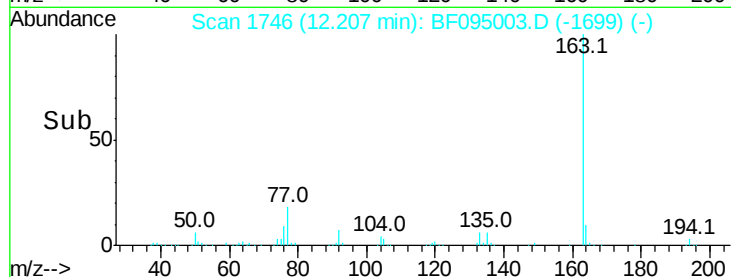
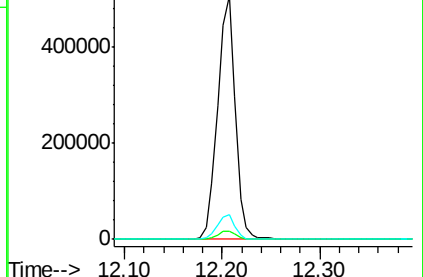
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 38.73 ng

RT: 12.30 min Scan# 1761

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

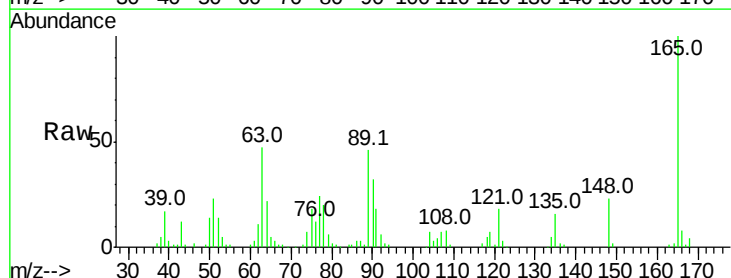
Tgt Ion:165 Resp: 104795

Ion Ratio Lower Upper

165 100

63 46.5 34.3 51.5

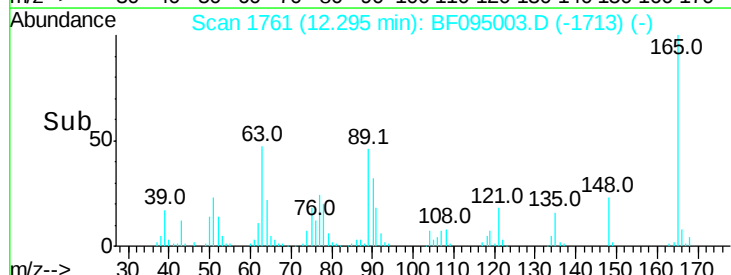
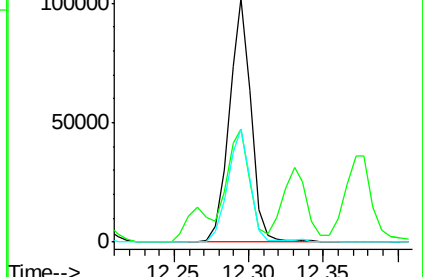
89 46.4 37.1 55.7

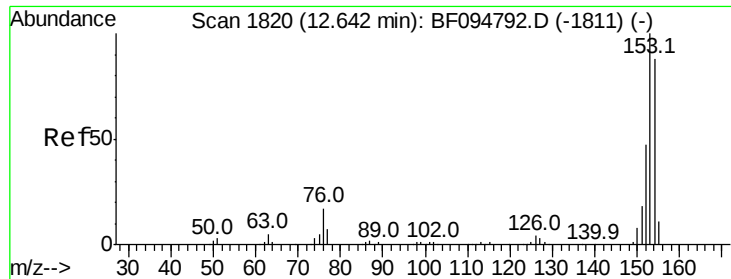


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 38.86 ng

RT: 12.62 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampleId :

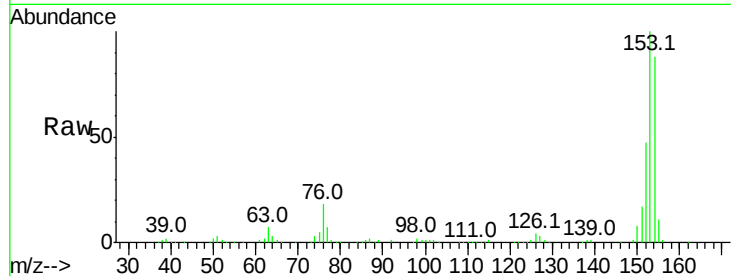
Tot Ion:154 Resp: 399278

Ion Ratio Lower Upper

154 100

153 113.8 90.5 135.7

152 53.5 43.6 65.4



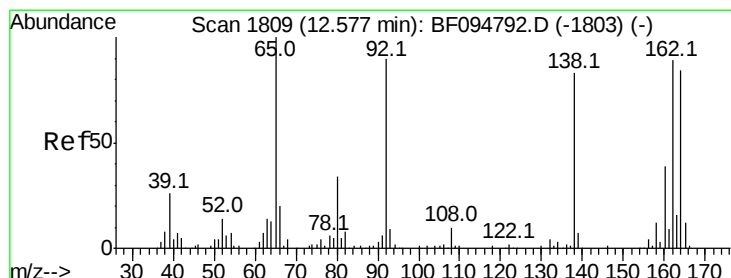
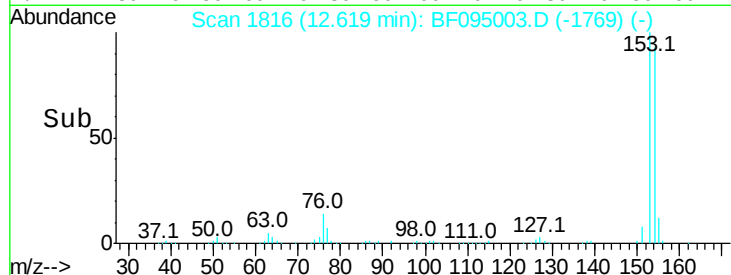
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

12.62

Time-->



#52

3-Nitroaniline

Concen: 23.48 ng

RT: 12.57 min Scan# 1807

Delta R.T. -0.01 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

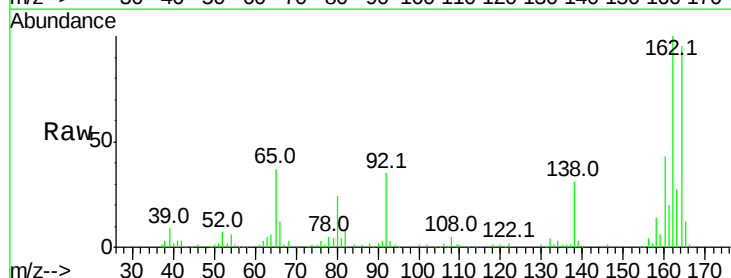
Tgt Ion:138 Resp: 68201

Ion Ratio Lower Upper

138 100

108 15.1 9.1 13.7#

92 114.3 93.8 140.6



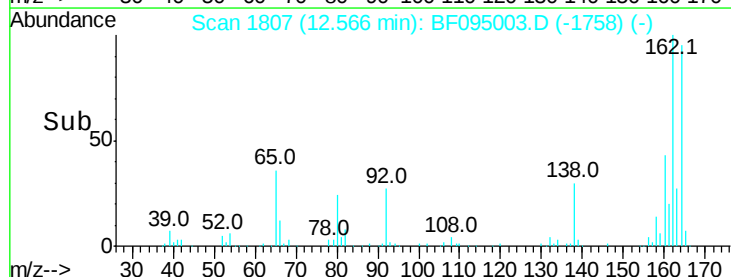
Abundance Ion 138.00 (137.70 to 138.70): E

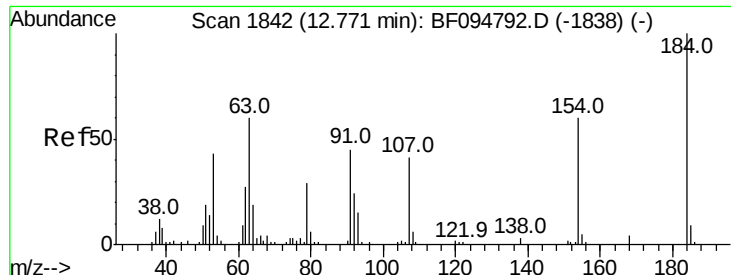
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

12.57

Time-->

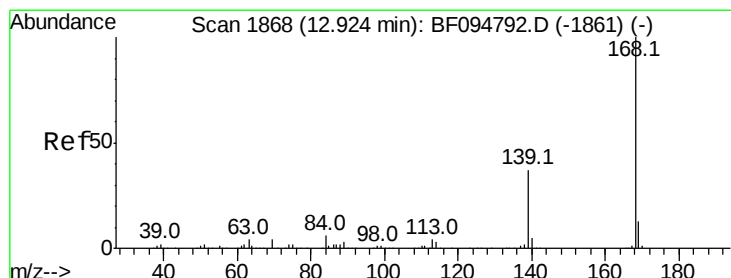
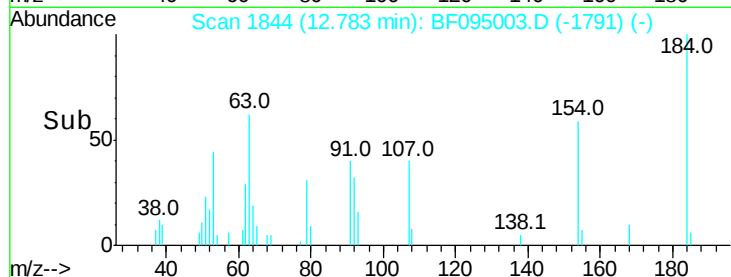
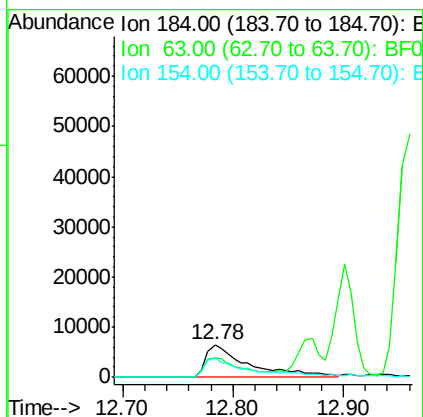
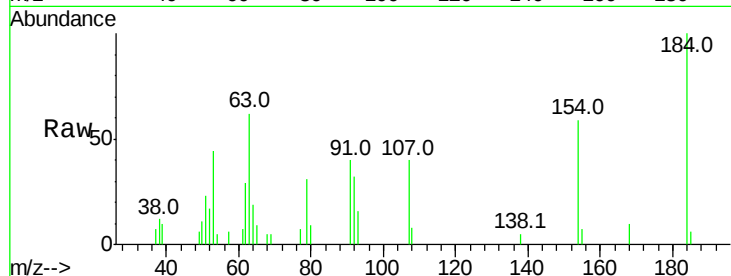




#53
 2,4-Dinitrophenol
 Concen: 16.94 ng
 RT: 12.78 min Scan# 1844
 Delta R.T. 0.01 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

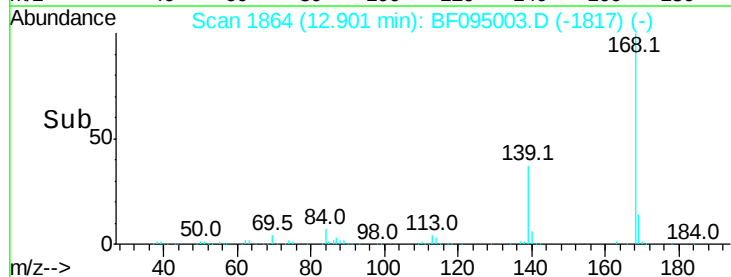
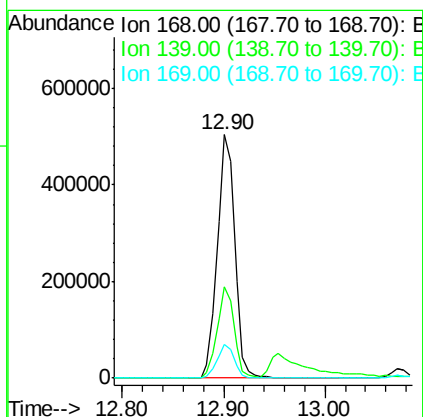
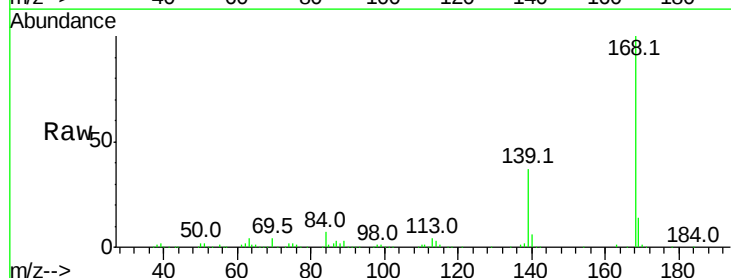
Instrument :
 BNA_F
 ClientSampleId :

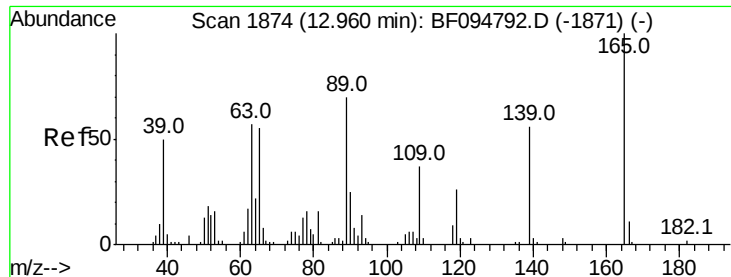
Tot Ion:184 Resp: 17293
 Ion Ratio Lower Upper
 184 100
 63 61.9 62.7 94.1#
 154 59.0 81.1 121.7#



#54
 Dibenzofuran
 Concen: 42.79 ng
 RT: 12.90 min Scan# 1864
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

Tgt Ion:168 Resp: 608458
 Ion Ratio Lower Upper
 168 100
 139 37.5 30.6 45.8
 169 13.7 10.8 16.2

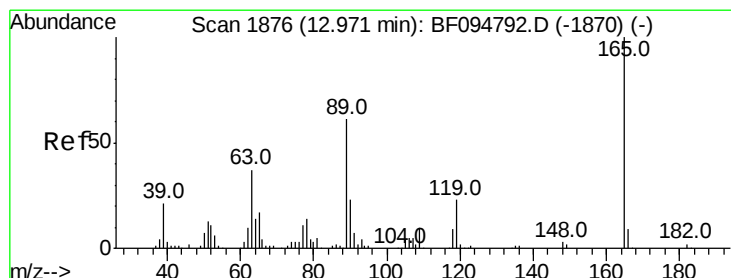
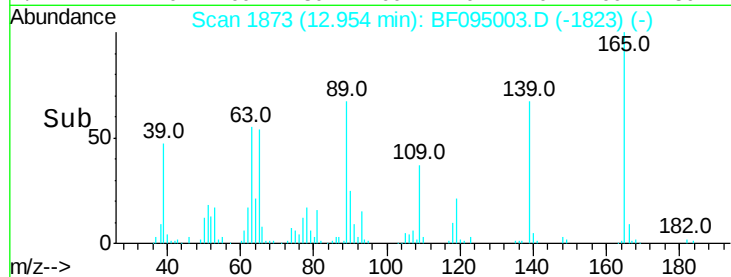
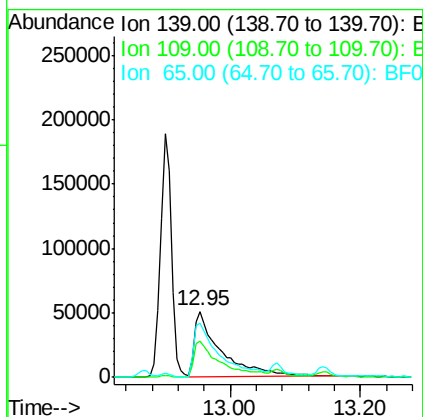
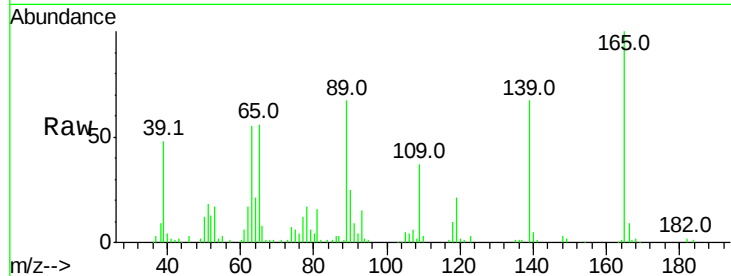




#55
4-Nitrophenol
Concen: 81.49 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

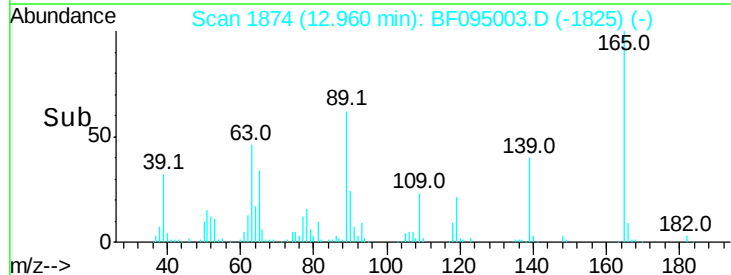
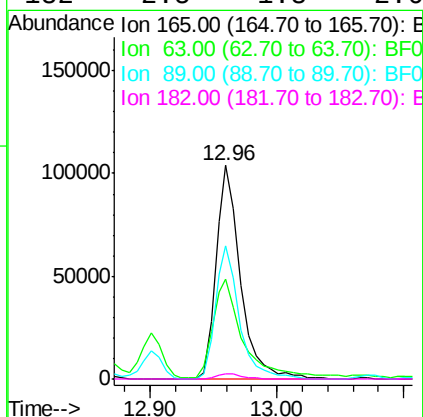
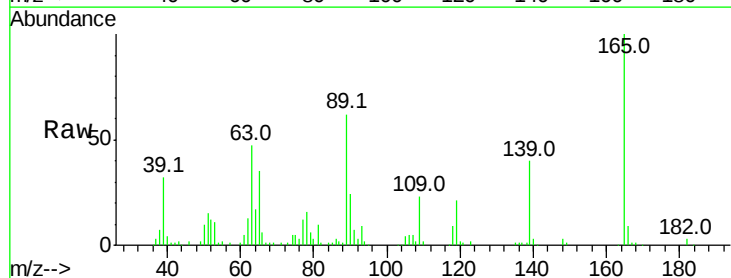
Instrument :
BNA_F
ClientSampled :

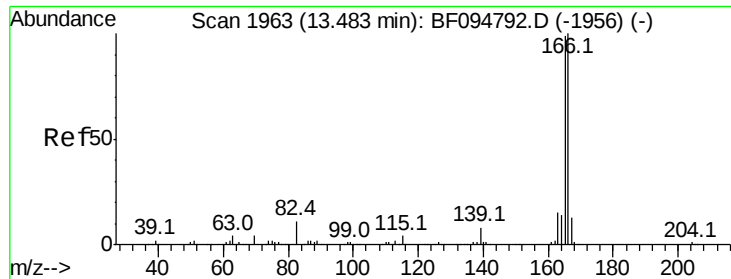
Tot Ion:139 Resp: 142160
Ion Ratio Lower Upper
139 100
109 54.5 34.1 74.1
65 82.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 40.20 ng
RT: 12.96 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

Tgt Ion:165 Resp: 139777
Ion Ratio Lower Upper
165 100
63 46.7 25.4 38.0#
89 62.4 46.4 69.6
182 2.5 1.8 2.6

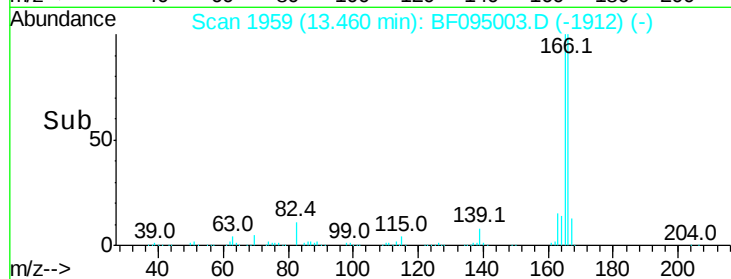
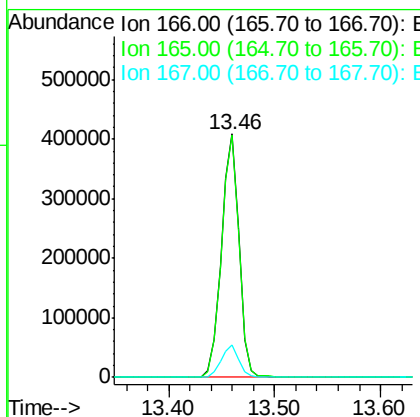
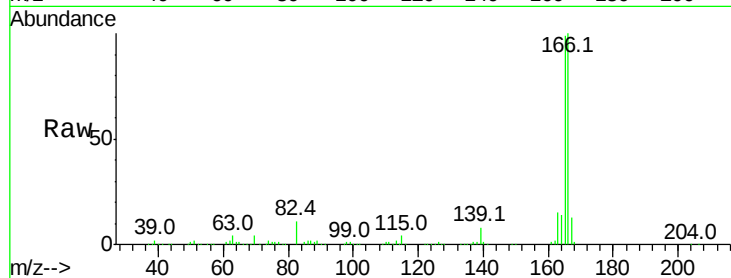




#57
 Fluorene
 Concen: 38.37 ng
 RT: 13.46 min Scan# 1959
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

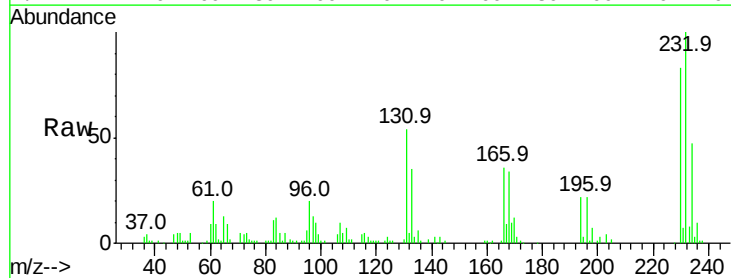
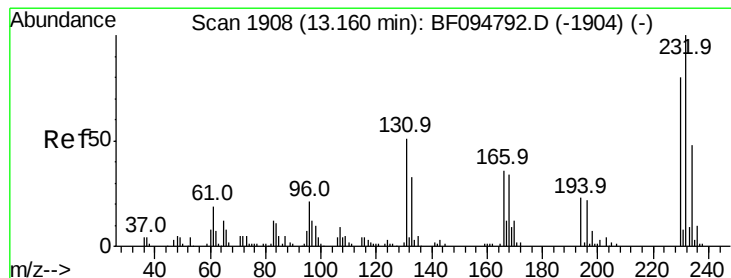
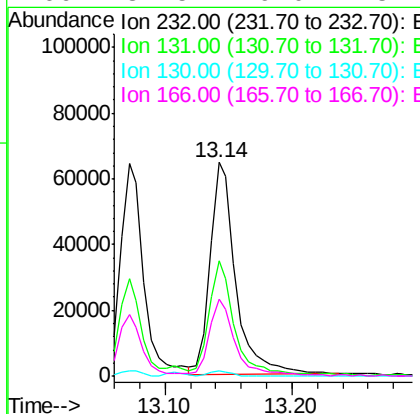
Instrument :
 BNA_F
 ClientSampleId :

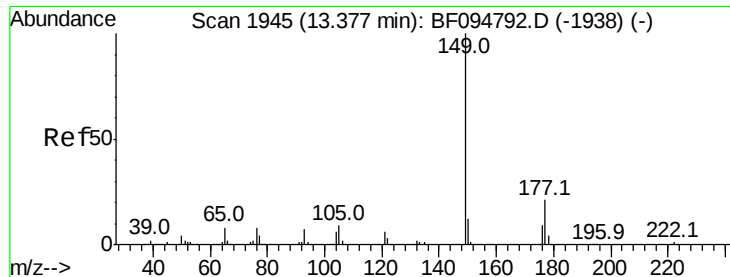
Tot Ion:166 Resp: 474393
 Ion Ratio Lower Upper
 166 100
 165 99.3 78.8 118.2
 167 13.2 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 40.81 ng
 RT: 13.14 min Scan# 1905
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

Tgt Ion:232 Resp: 91574
 Ion Ratio Lower Upper
 232 100
 131 51.8 44.8 67.2
 130 2.1 2.3 3.5#
 166 37.5 29.0 43.4

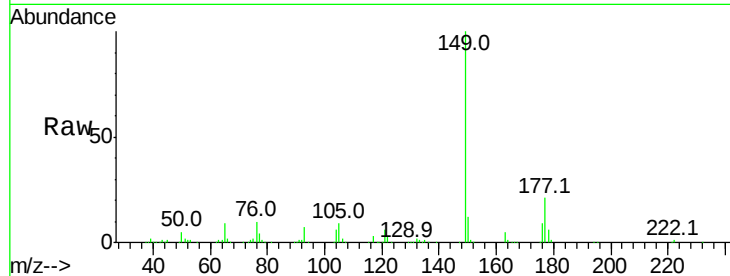




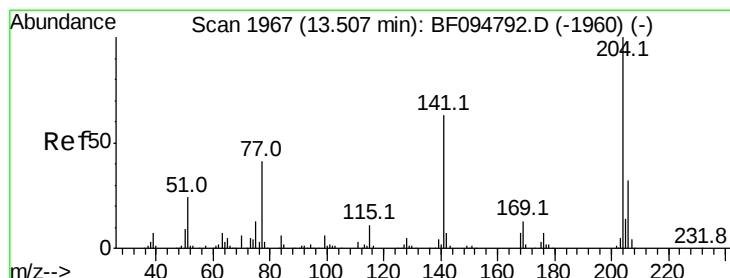
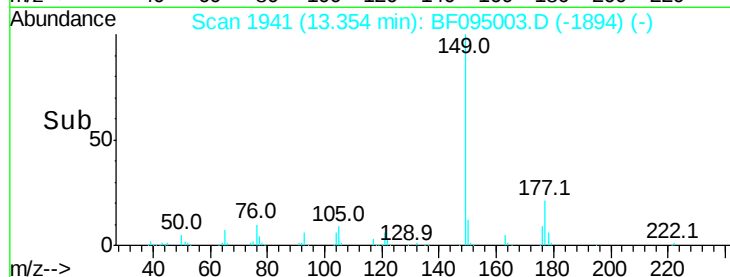
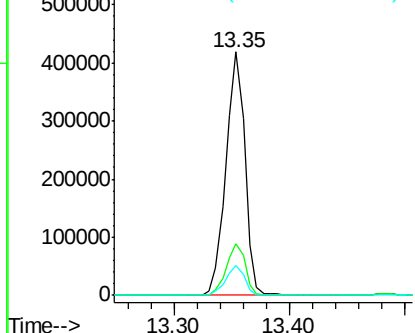
#59
Diethylphthalate
Concen: 37.68 ng
RT: 13.35 min Scan# 1941
Delta R.T. -0.02 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 479063
Ion Ratio Lower Upper
149 100
177 21.2 16.7 25.1
150 12.3 10.2 15.2

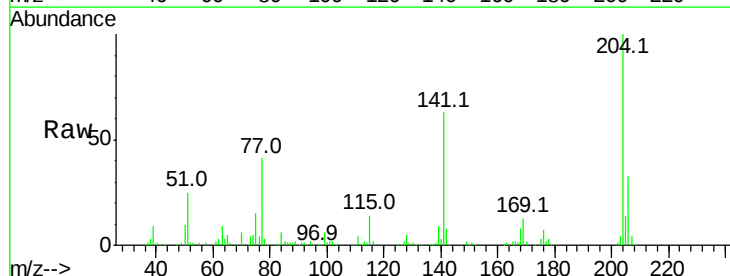


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

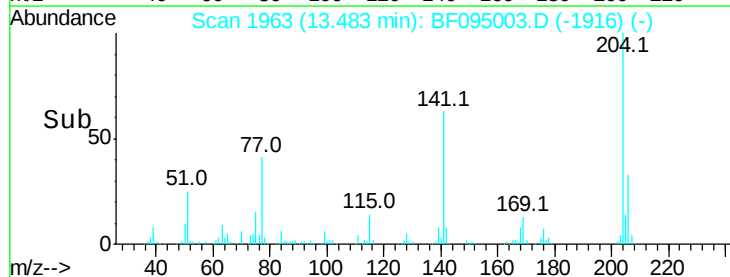
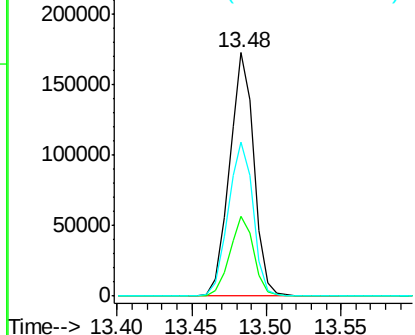


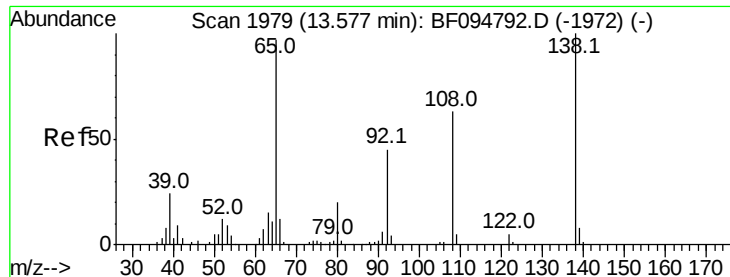
#60
4-Chlorophenyl-phenylether
Concen: 36.52 ng
RT: 13.48 min Scan# 1963
Delta R.T. -0.02 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

Tgt Ion:204 Resp: 198475
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.2
141 63.4 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

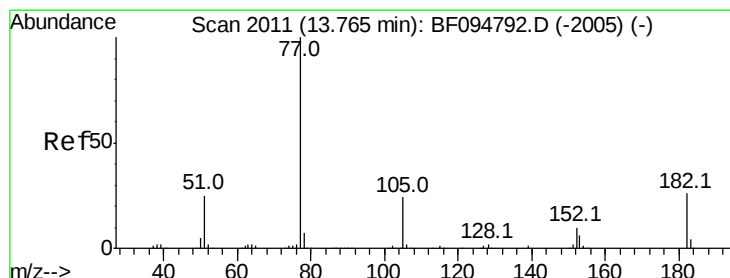
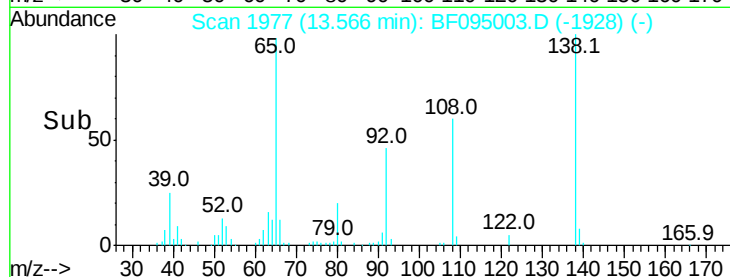
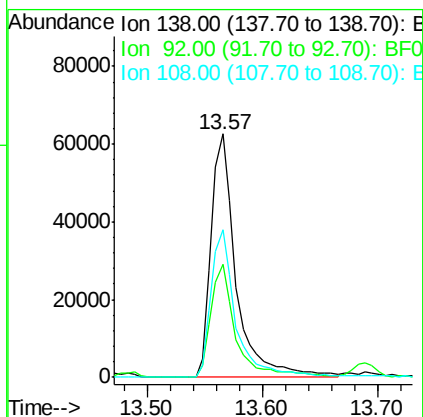
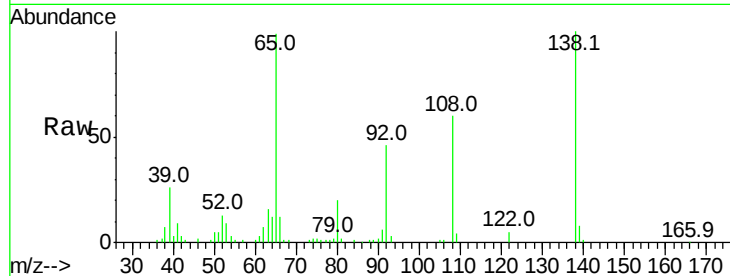




#61
4-Nitroaniline
Concen: 35.46 ng
RT: 13.57 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

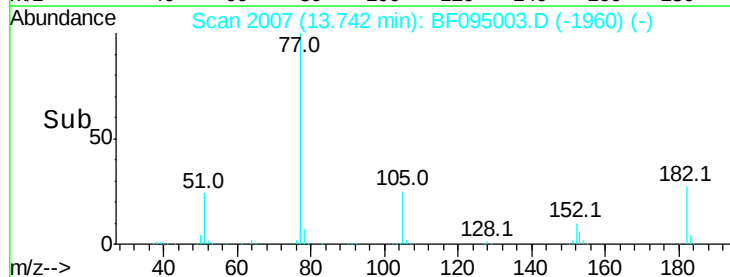
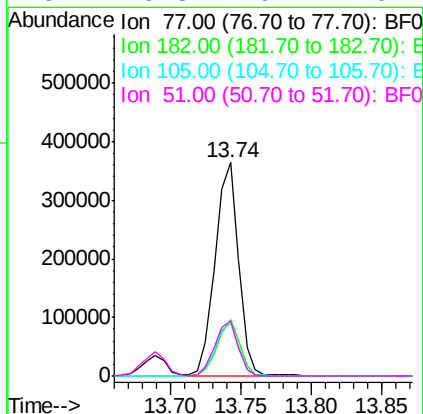
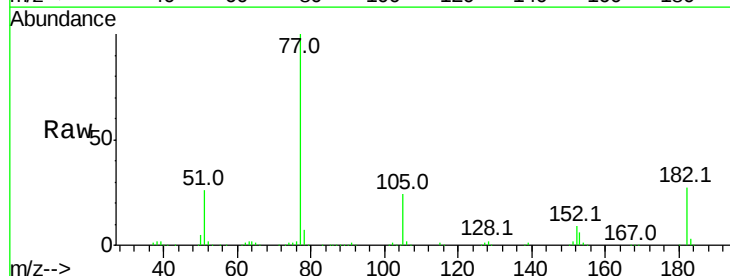
Instrument :
BNA_F
ClientSampled :

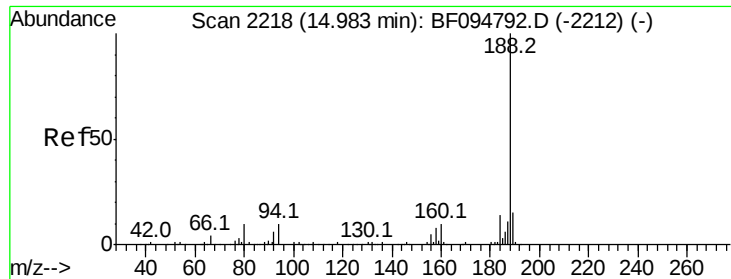
Tot Ion:138 Resp: 94547
Ion Ratio Lower Upper
138 100
92 46.2 21.8 61.8
108 60.4 42.3 82.3



#62
Azobenzene
Concen: 41.12 ng
RT: 13.74 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

Tgt Ion: 77 Resp: 420075
Ion Ratio Lower Upper
77 100
182 26.7 0.1 40.1
105 24.3 3.6 43.6
51 25.8 9.4 49.4

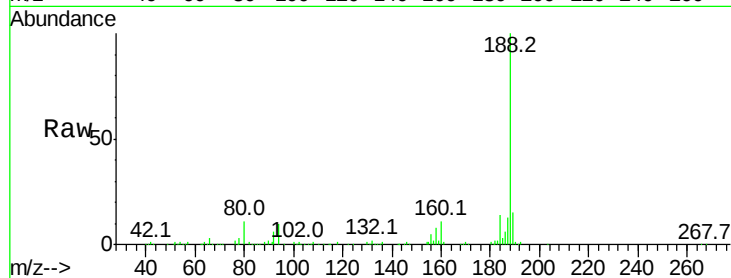




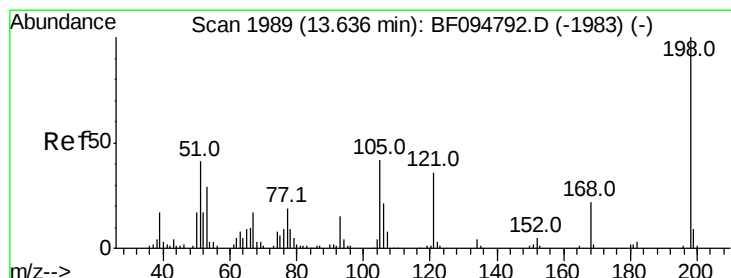
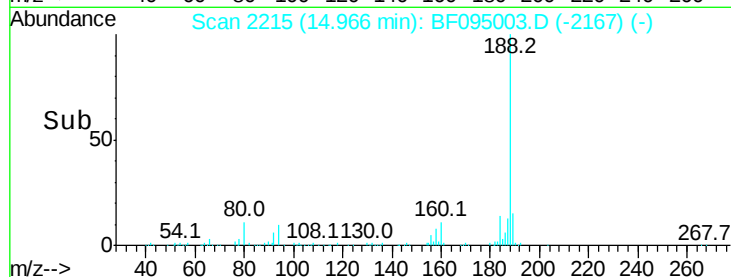
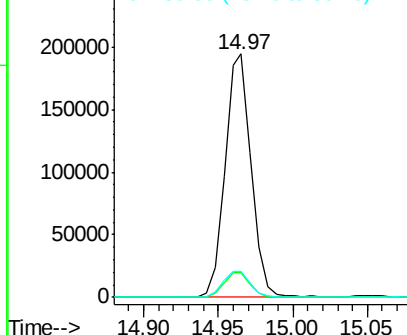
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 238826
Ion Ratio Lower Upper
188 100
94 10.1 9.4 14.2
80 10.5 10.2 15.2

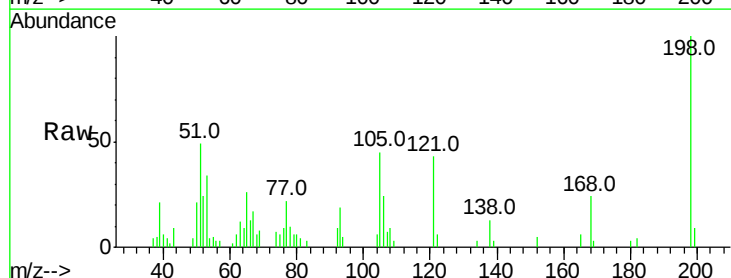


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

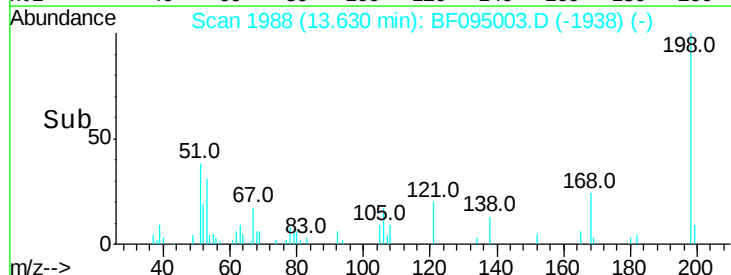
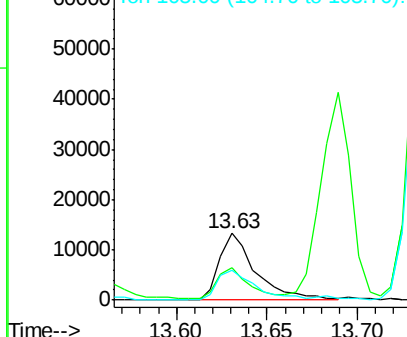


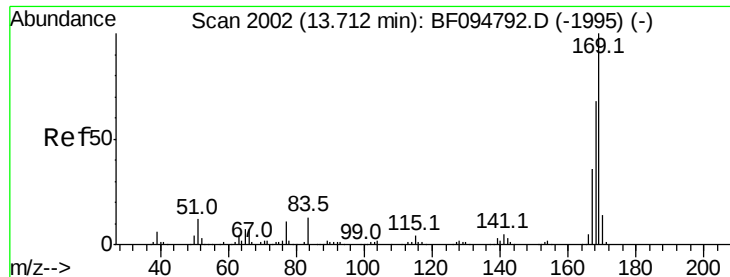
#64
4,6-Dinitro-2-methylphenol
Concen: 11.62 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

Tgt Ion:198 Resp: 18607
Ion Ratio Lower Upper
198 100
51 48.6 53.2 93.2#
105 45.0 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: 45.86 ng

RT: 13.69 min Scan# 1998

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampleId :

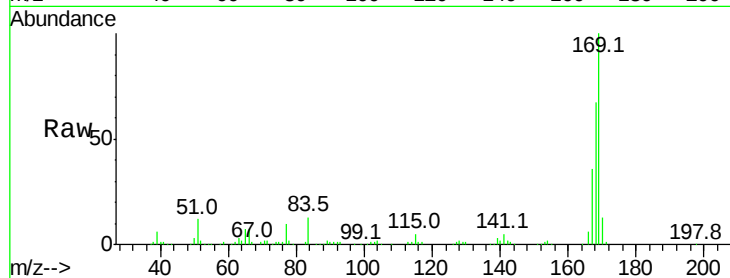
Tot Ion:169 Resp: 397513

Ion Ratio Lower Upper

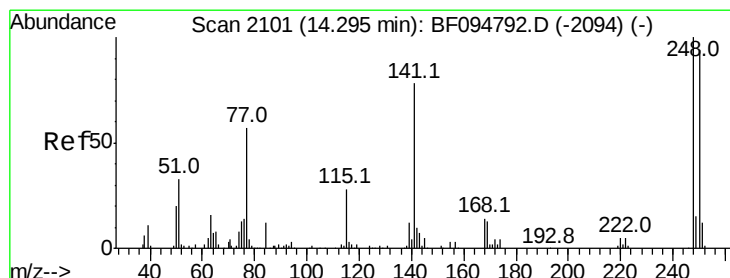
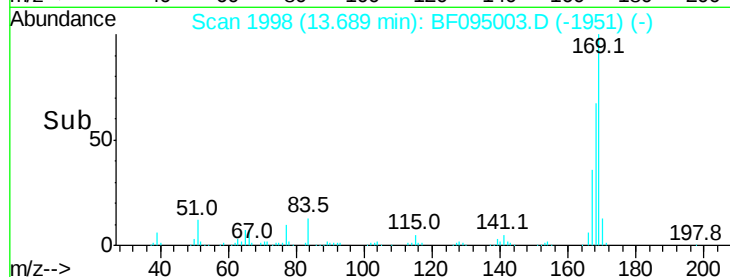
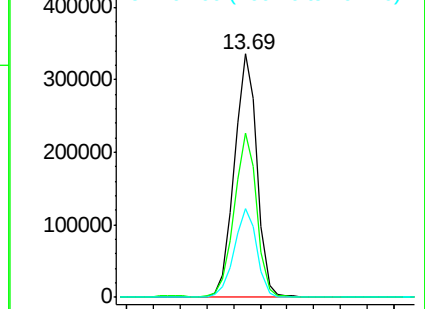
169 100

168 67.3 53.2 79.8

167 36.3 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: 43.44 ng

RT: 14.27 min Scan# 2097

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

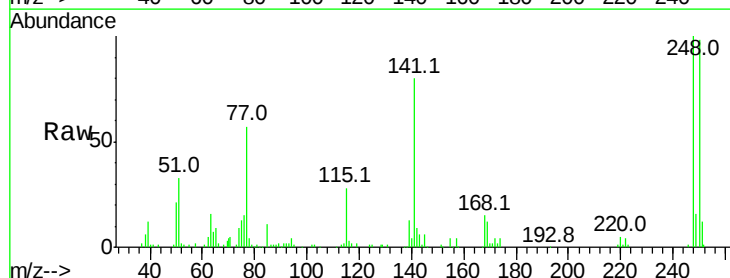
Tgt Ion:248 Resp: 109607

Ion Ratio Lower Upper

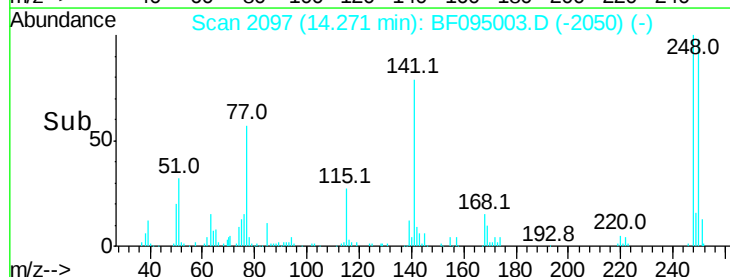
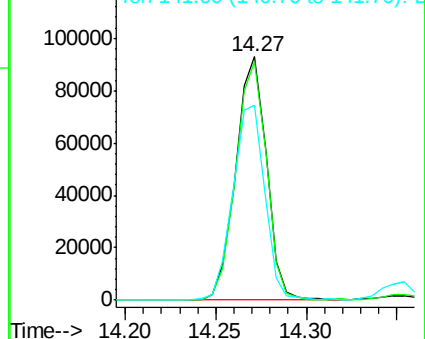
248 100

250 97.8 76.8 115.2

141 80.1 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: 41.78 ng

RT: 14.35 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampleId :

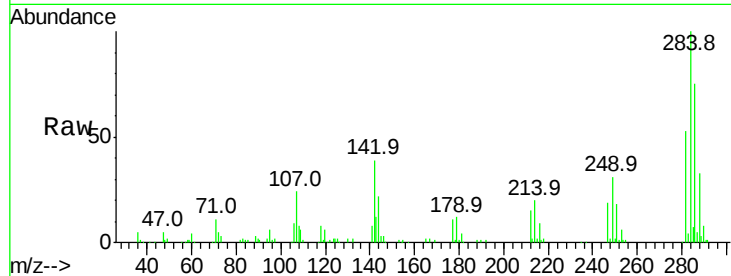
Tot Ion:284 Resp: 108042

Ion Ratio Lower Upper

284 100

142 38.8 22.8 34.2#

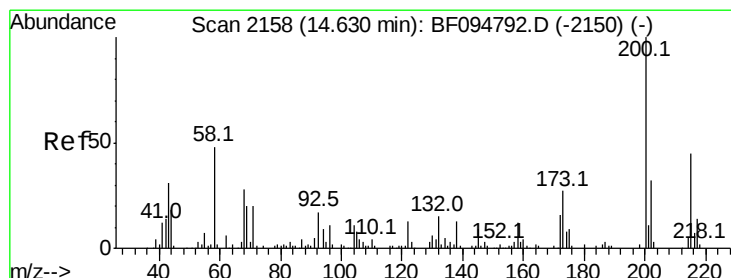
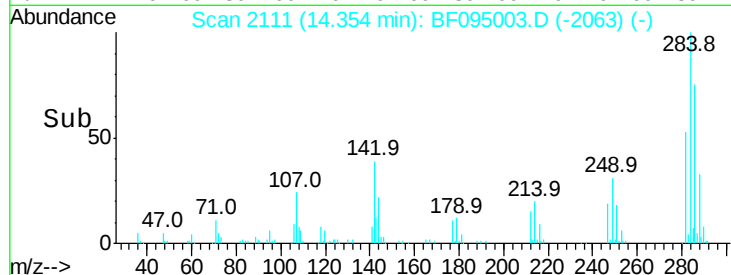
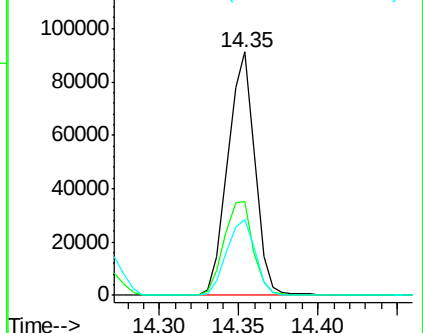
249 31.4 24.0 36.0



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.55 ng

RT: 14.61 min Scan# 2154

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

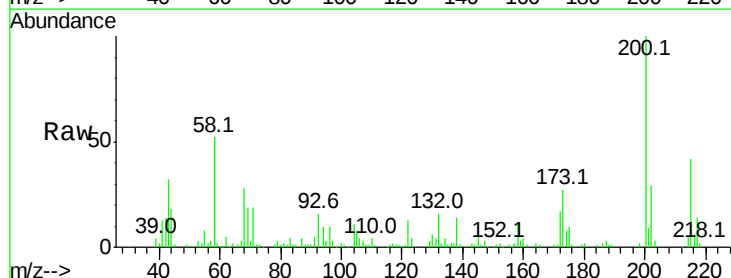
Tgt Ion:200 Resp: 99234

Ion Ratio Lower Upper

200 100

173 26.9 6.3 46.3

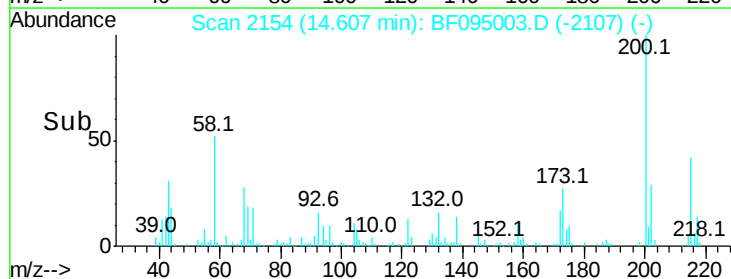
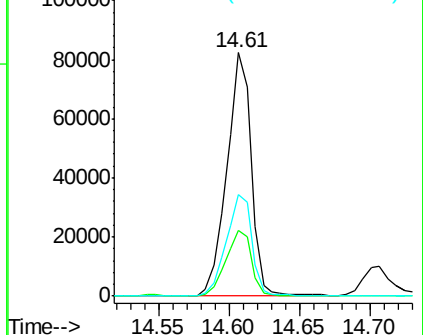
215 41.8 27.2 67.2

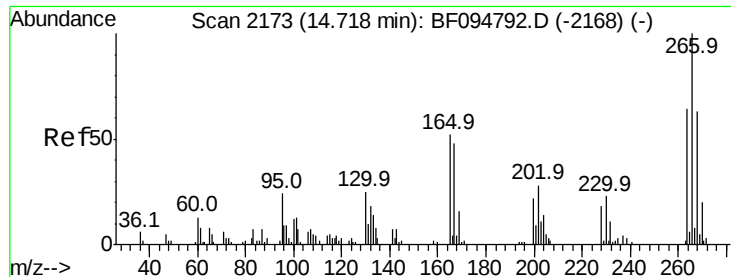


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

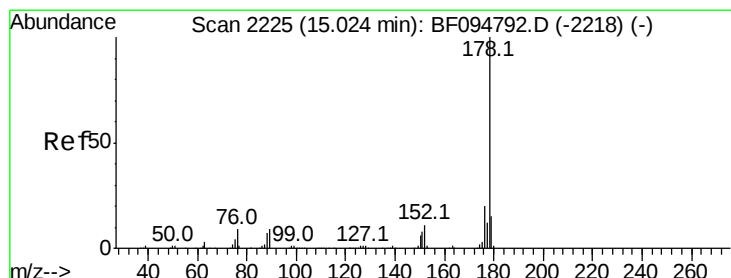
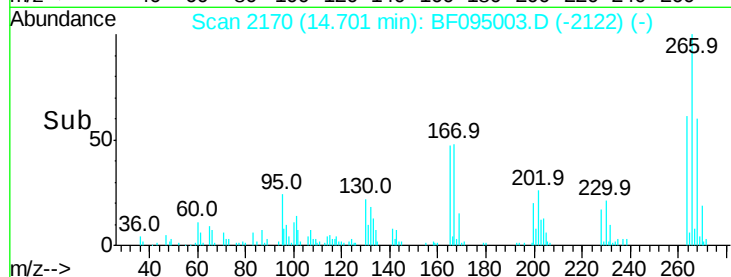
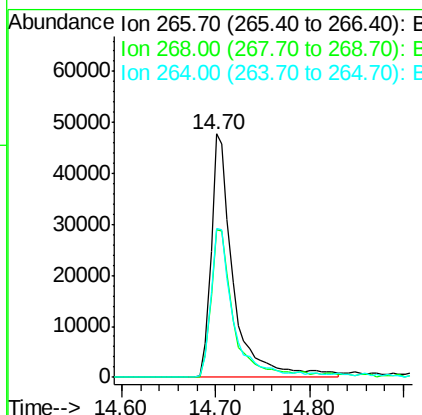
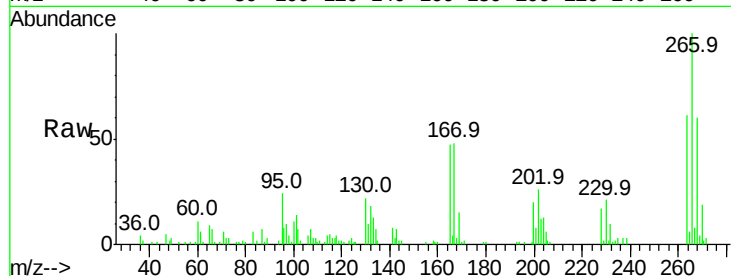




#69
 Pentachlorophenol
 Concen: 68.99 ng
 RT: 14.70 min Scan# 2170
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

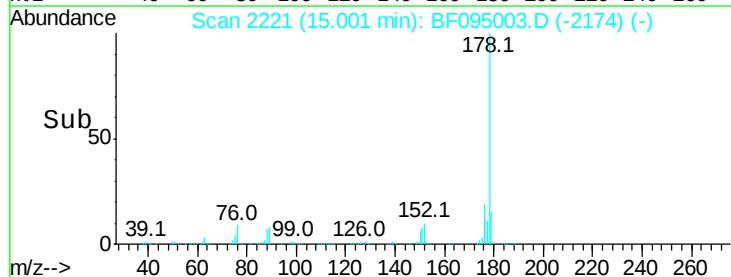
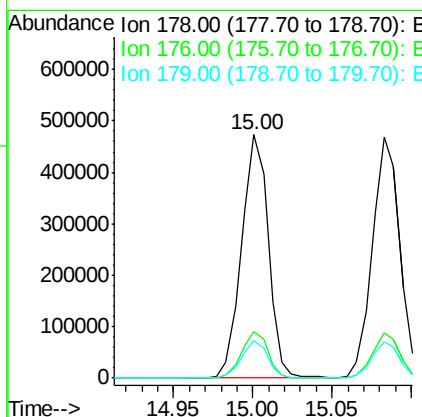
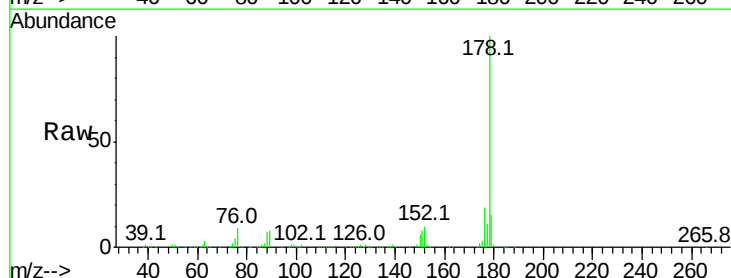
Instrument :
 BNA_F
 ClientSampleId :

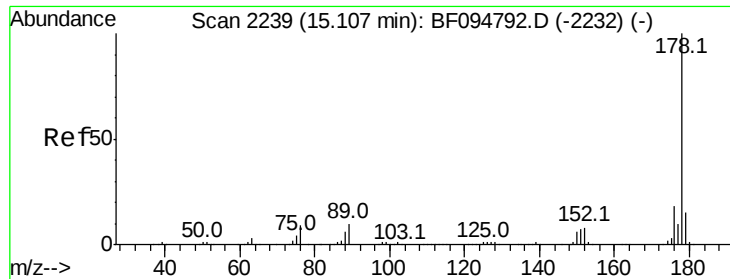
Tot Ion:266 Resp: 79649
 Ion Ratio Lower Upper
 266 100
 268 60.4 51.1 76.7
 264 61.1 51.7 77.5



#70
 Phenanthrene
 Concen: 40.41 ng
 RT: 15.00 min Scan# 2221
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

Tgt Ion:178 Resp: 554566
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.4 12.6 19.0

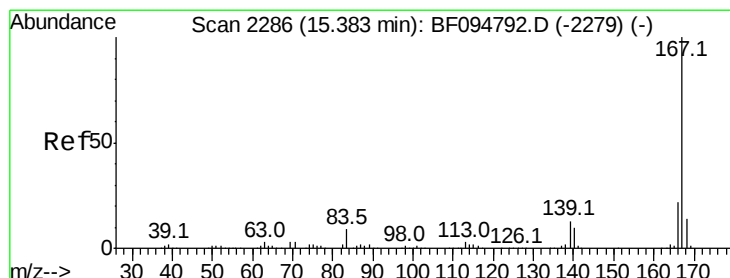
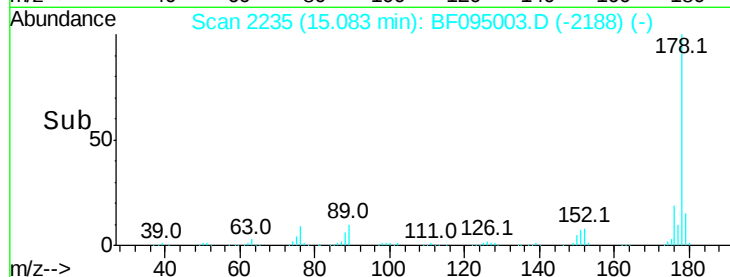
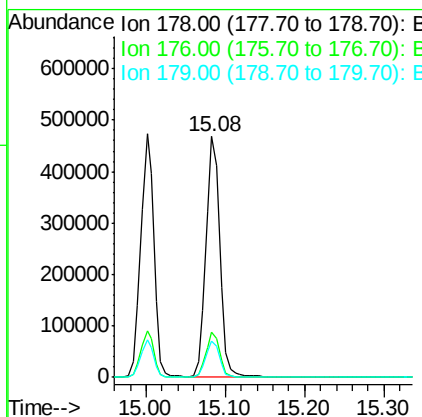
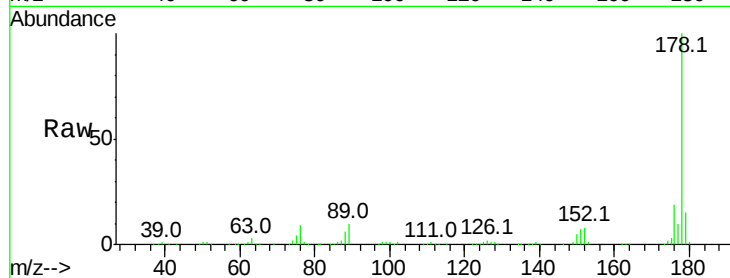




#71
 Anthracene
 Concen: 41.36 ng
 RT: 15.08 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

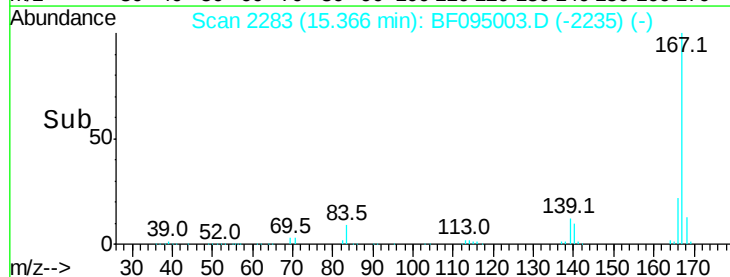
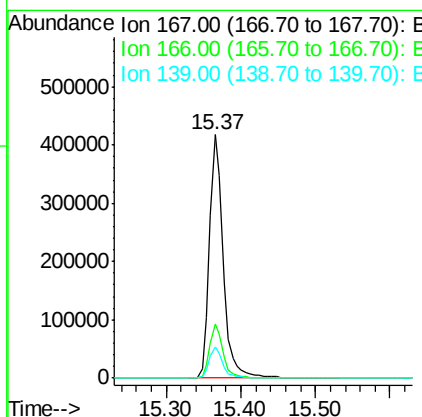
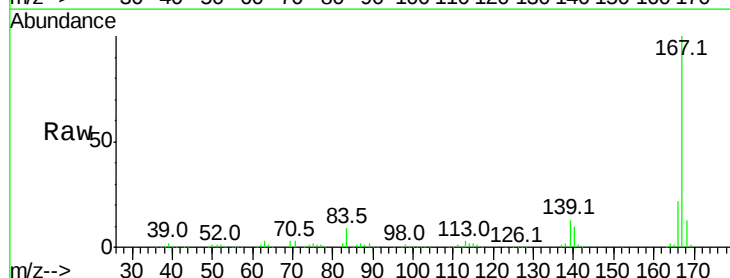
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 579743
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 14.9 12.7 19.1



#72
 Carbazole
 Concen: 41.87 ng
 RT: 15.37 min Scan# 2283
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

Tgt Ion:167 Resp: 534045
 Ion Ratio Lower Upper
 167 100
 166 22.2 18.1 27.1
 139 12.8 11.7 17.5

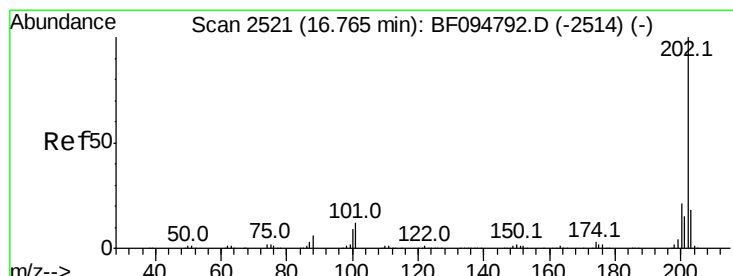
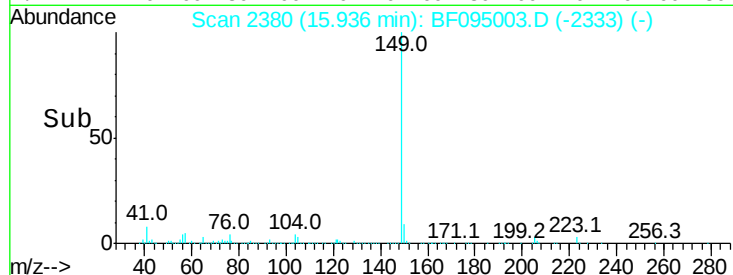
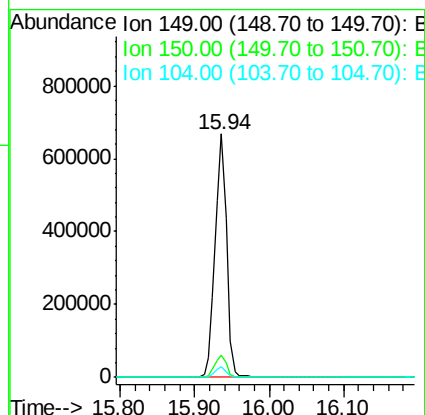
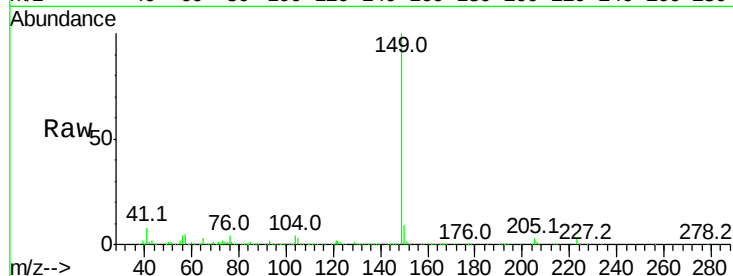




#73
Di-n-butylphthalate
Concen: 44.76 ng
RT: 15.94 min Scan# 2380
Delta R.T. -0.02 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

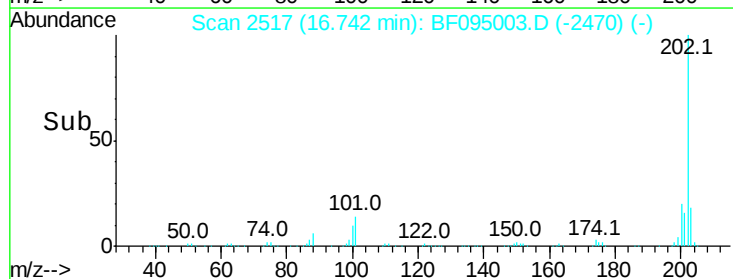
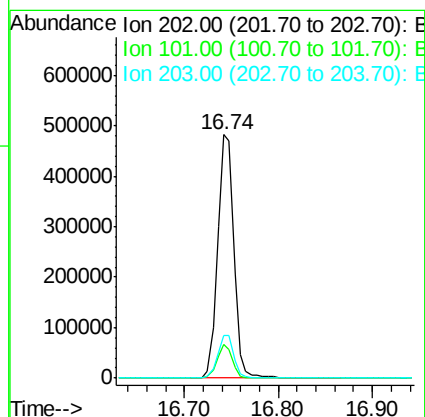
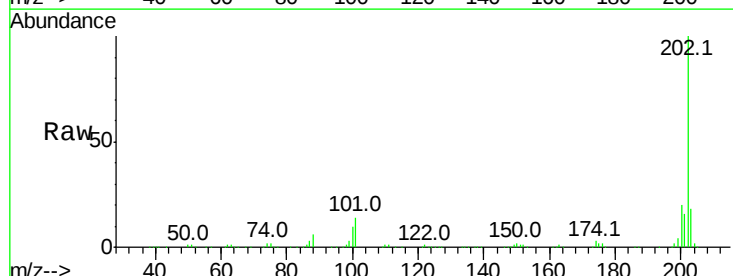
Instrument :
BNA_F
ClientSampleId :

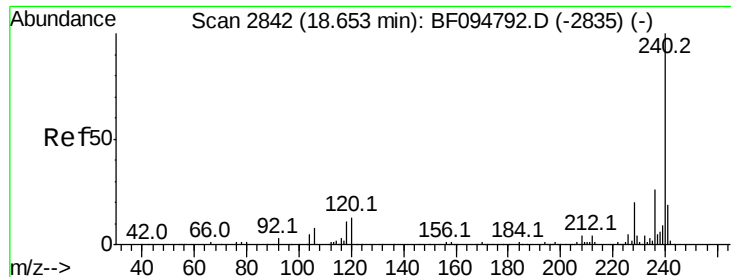
Tot Ion:149 Resp: 711872
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 4.1 4.0 6.0



#74
Fluoranthene
Concen: 41.66 ng
RT: 16.74 min Scan# 2517
Delta R.T. -0.02 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

Tgt Ion:202 Resp: 586466
Ion Ratio Lower Upper
202 100
101 14.0 0.0 33.2
203 17.8 0.0 38.1

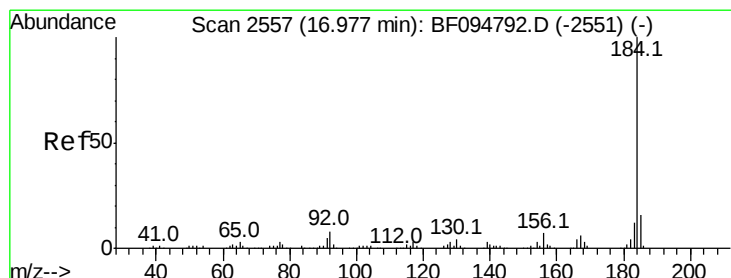
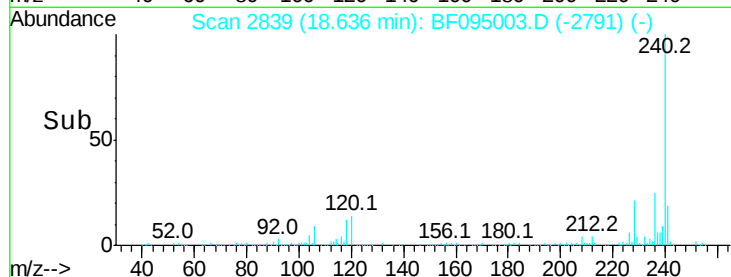
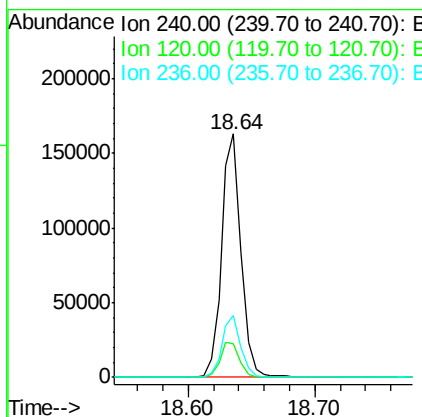
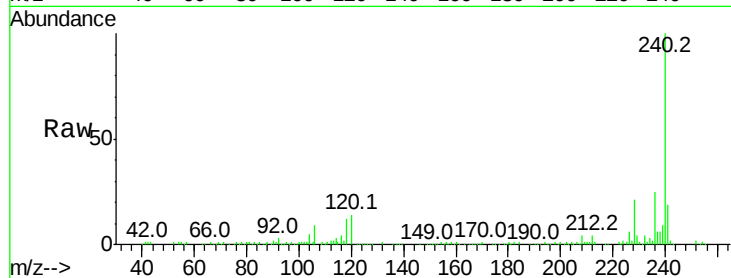




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2839
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

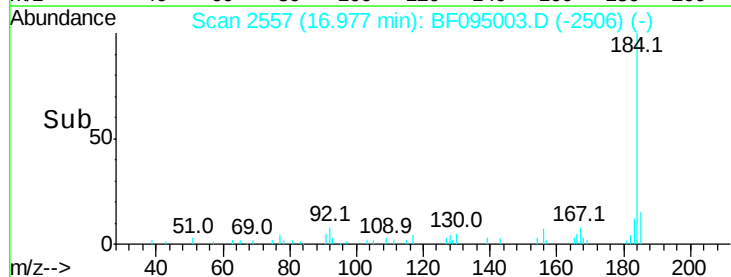
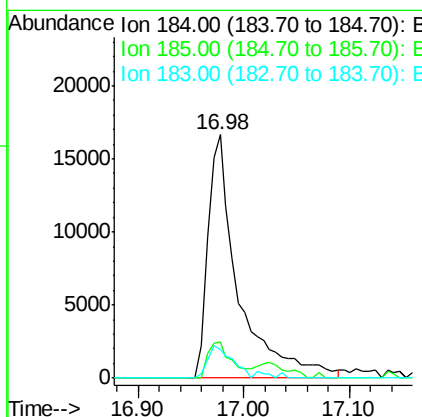
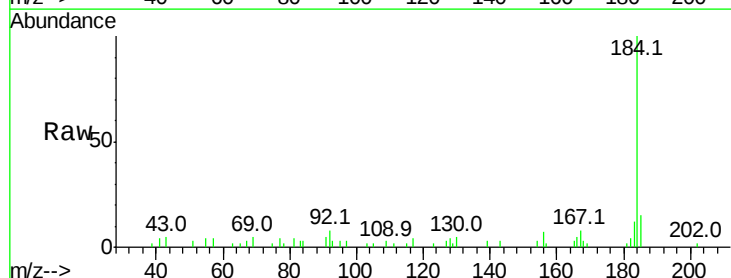
Instrument :
 BNA_F
 ClientSampleId :

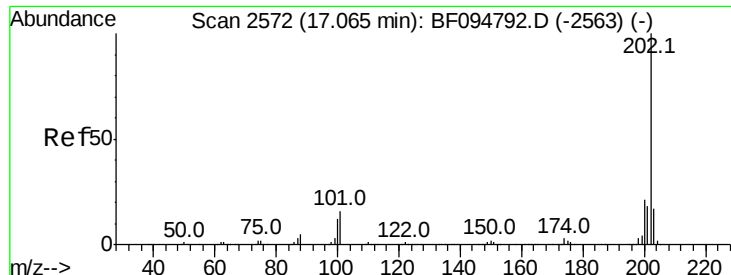
Tot Ion:240 Resp: 172980
 Ion Ratio Lower Upper
 240 100
 120 14.0 5.8 8.8#
 236 25.4 20.5 30.7



#76
 Benzidine
 Concen: 12.76 ng
 RT: 16.98 min Scan# 2557
 Delta R.T. 0.00 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

Tgt Ion:184 Resp: 33489
 Ion Ratio Lower Upper
 184 100
 185 14.8 15.5 23.3#
 183 11.8 9.8 14.6





#77

Pvrene

Concen: 44.21 ng

RT: 17.05 min Scan# 2569

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampleId :

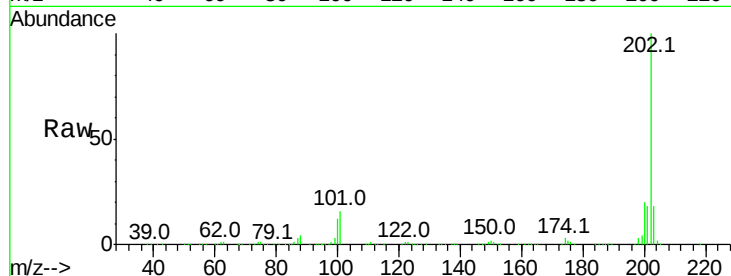
Tot Ion:202 Resp: 571933

Ion Ratio Lower Upper

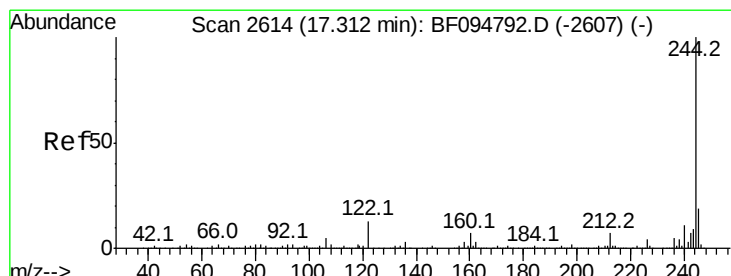
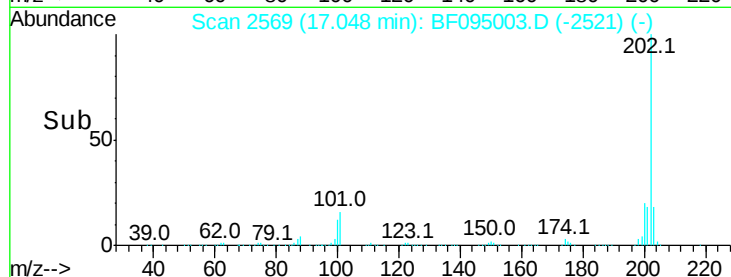
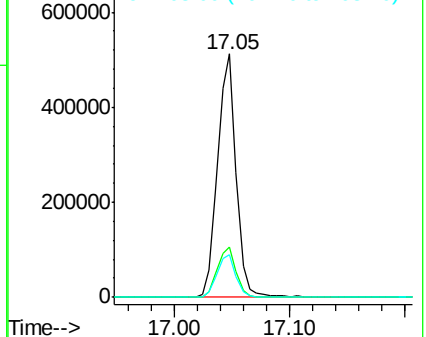
202 100

200 20.5 17.6 26.4

203 17.7 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: 86.89 ng

RT: 17.29 min Scan# 2610

Delta R.T. -0.02 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

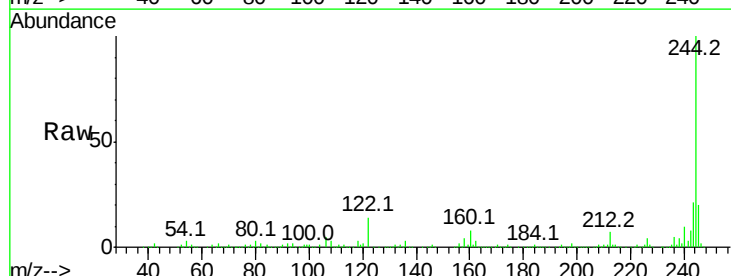
Tgt Ion:244 Resp: 682405

Ion Ratio Lower Upper

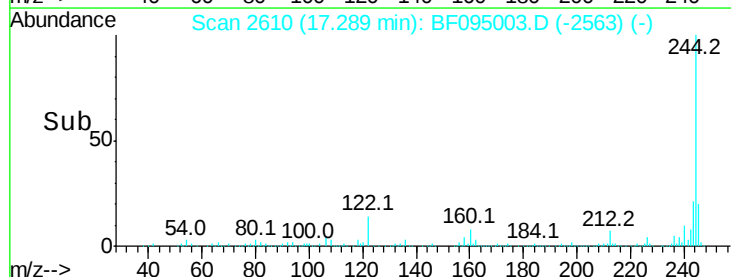
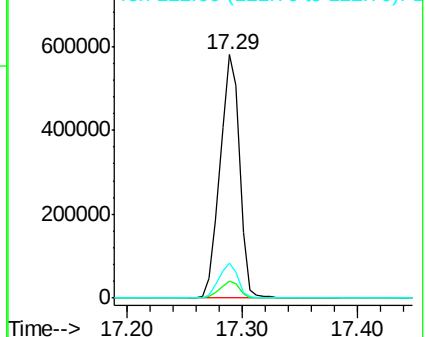
244 100

212 7.0 6.0 9.0

122 14.3 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

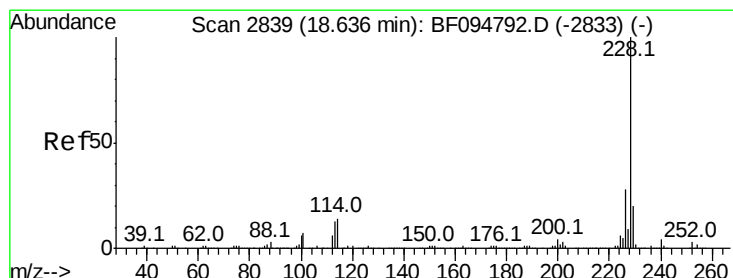
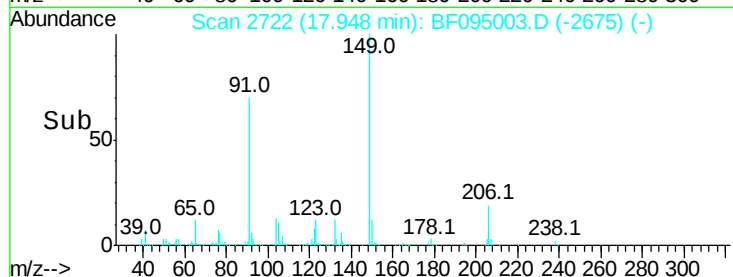
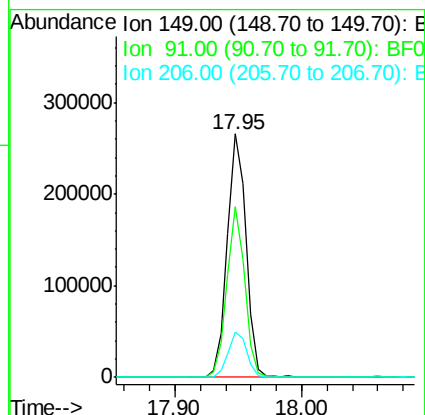
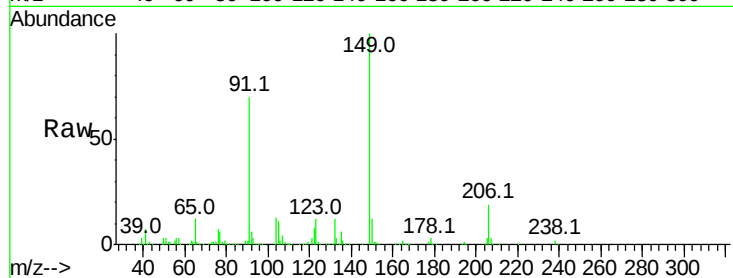




#79
Butylbenzylphthalate
Concen: 45.73 ng
RT: 17.95 min Scan# 2722
Delta R.T. -0.02 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

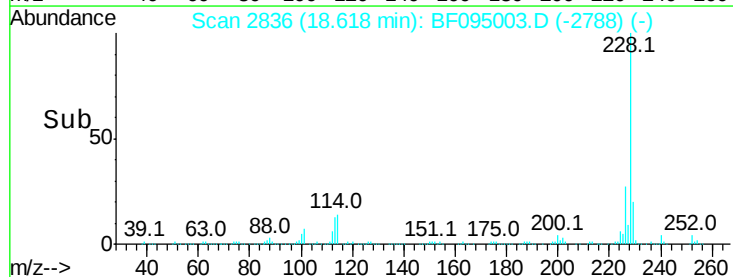
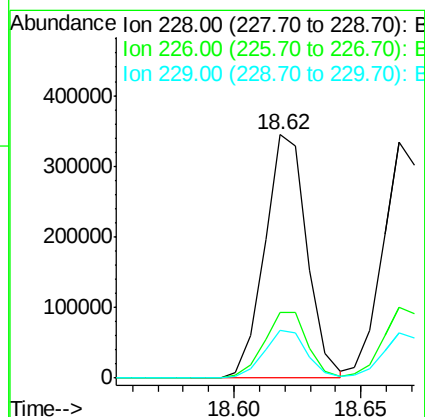
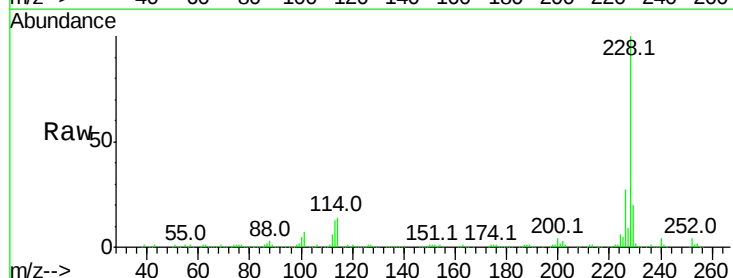
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 275166
Ion Ratio Lower Upper
149 100
91 69.9 45.0 67.4#
206 18.6 17.0 25.6



#80
Benzo(a)anthracene
Concen: 39.80 ng
RT: 18.62 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

Tgt Ion:228 Resp: 400724
Ion Ratio Lower Upper
228 100
226 27.2 22.6 33.8
229 19.9 16.3 24.5

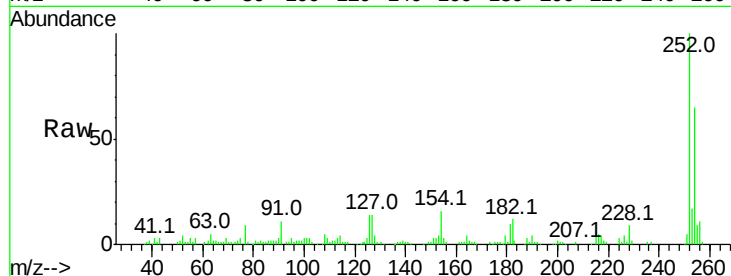




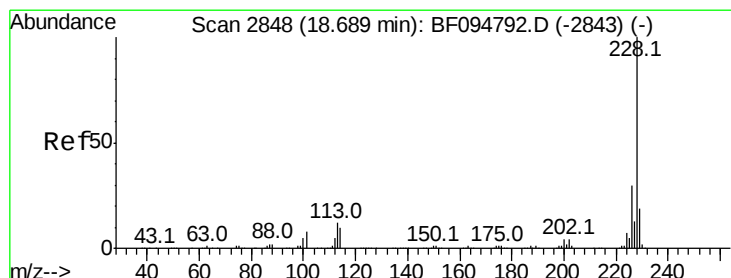
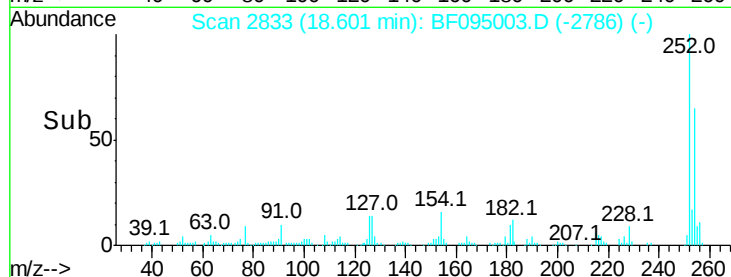
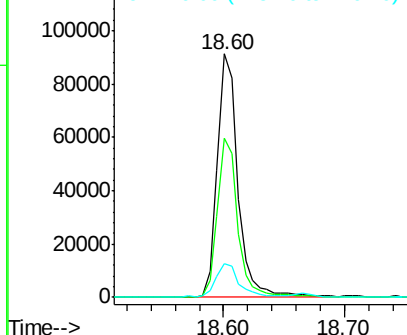
#81
 3,3'-Dichlorobenzidine
 Concen: 30.97 ng
 RT: 18.60 min Scan# 2833
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 107690
 Ion Ratio Lower Upper
 252 100
 254 65.2 51.5 77.3
 126 14.1 15.8 23.8#

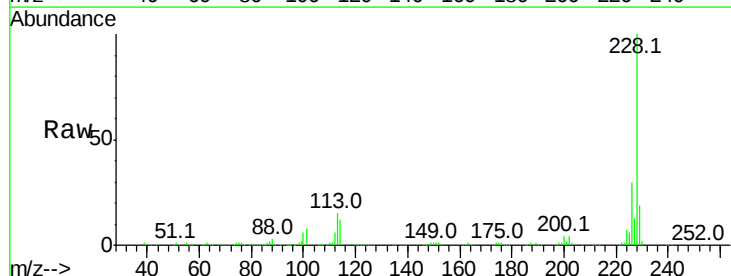


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

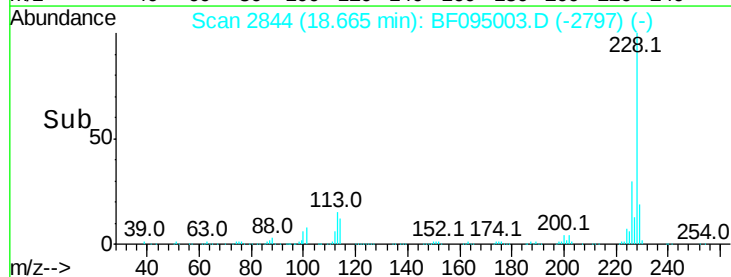
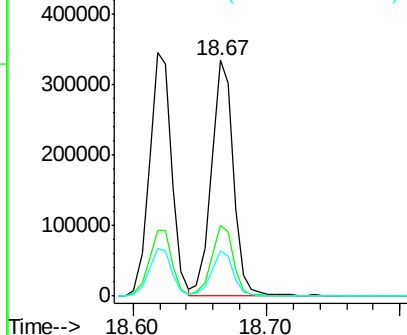


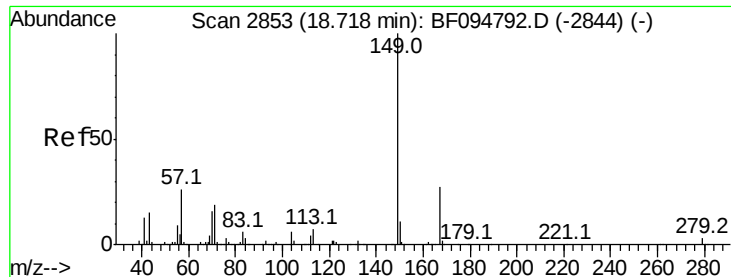
#82
 Chrysene
 Concen: 39.50 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

Tgt Ion:228 Resp: 384474
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.9 37.3
 229 19.5 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

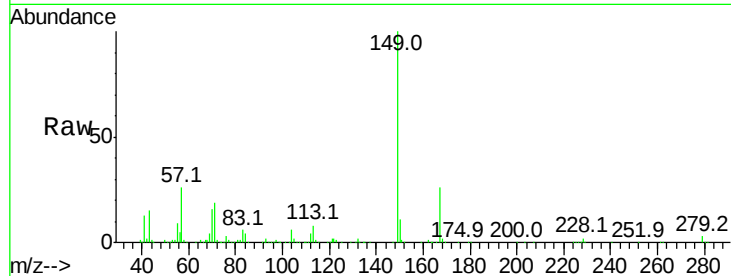




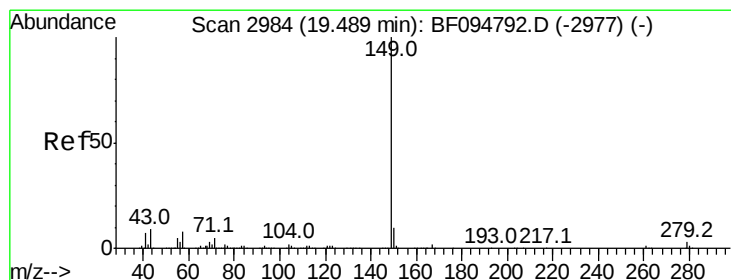
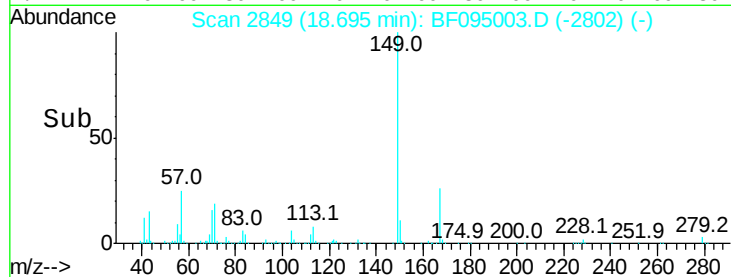
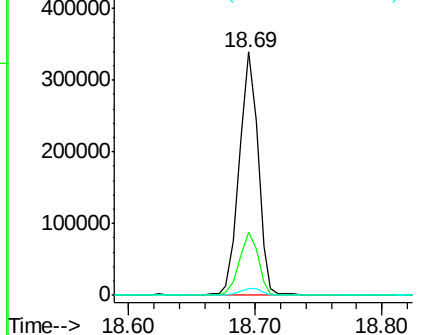
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.24 ng
 RT: 18.69 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 344972
 Ion Ratio Lower Upper
 149 100
 167 26.1 21.0 31.4
 279 3.1 1.9 2.9#

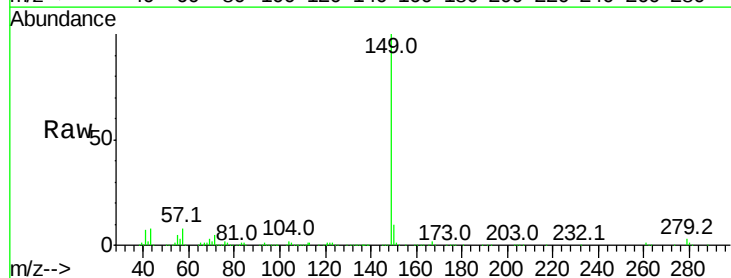


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

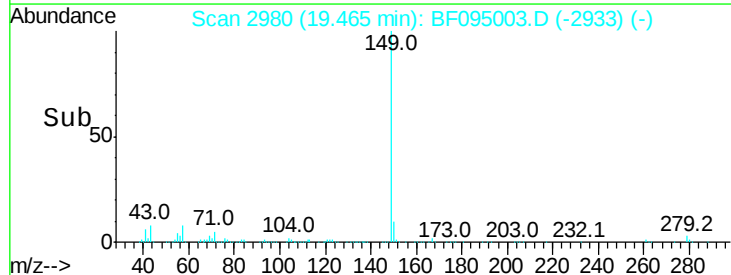
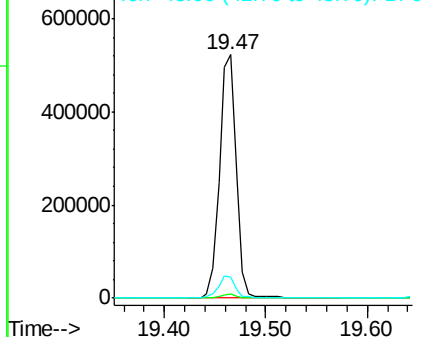


#84
 Di-n-octyl phthalate
 Concen: 42.05 ng
 RT: 19.47 min Scan# 2980
 Delta R.T. -0.02 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

Tgt Ion:149 Resp: 591074
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.6 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF0

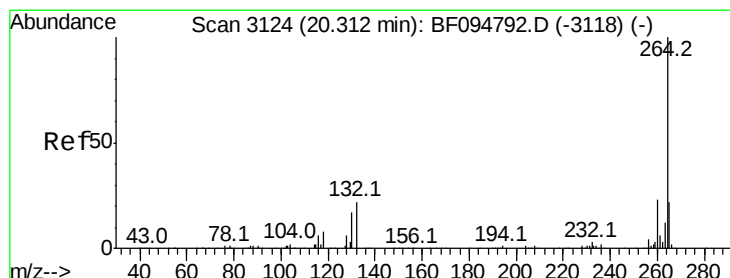
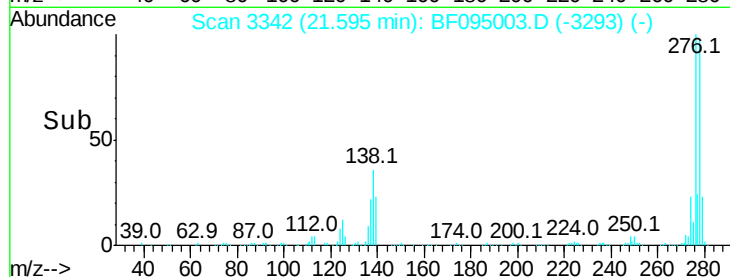
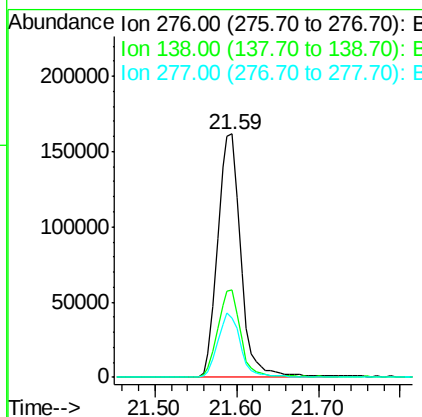
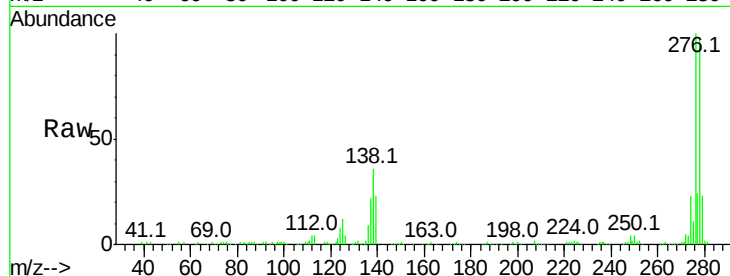




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 40.46 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

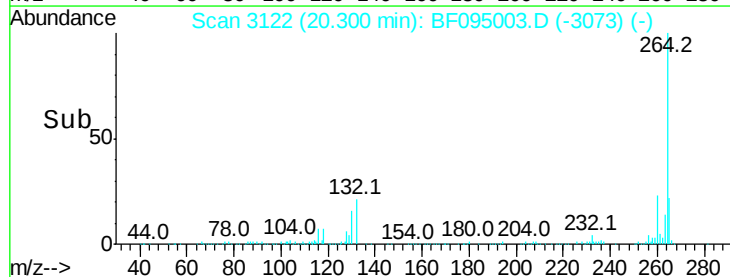
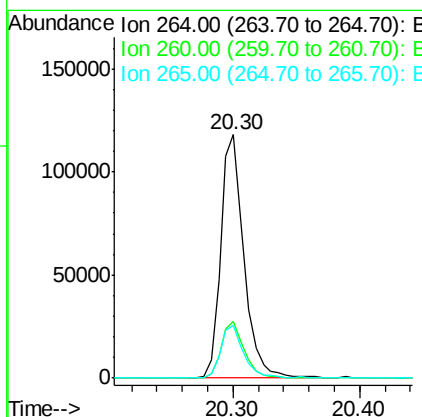
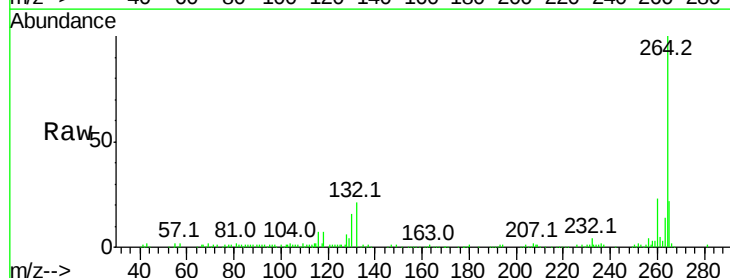
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	35.8	27.8	41.6
277	25.6	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF095003.D
 Acq: 9 May 2017 3:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	21.5	17.2	25.8

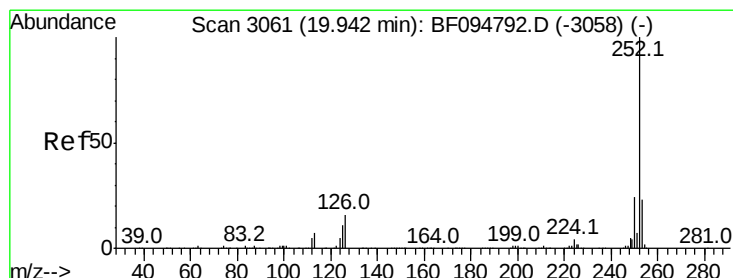
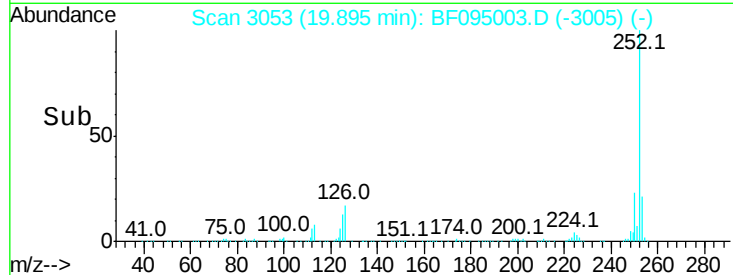
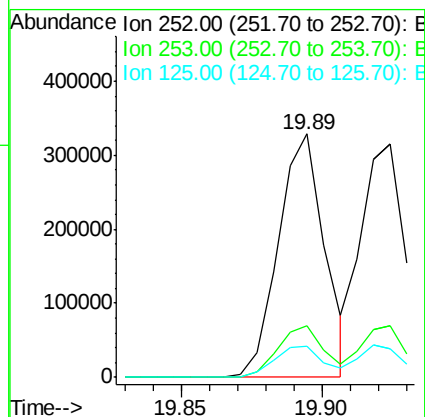
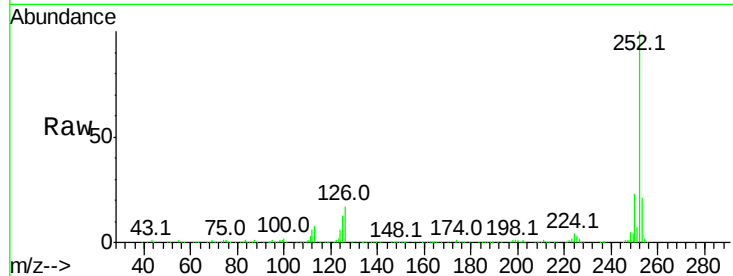




#87
Benzo(b)fluoranthene
Concen: 40.20 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

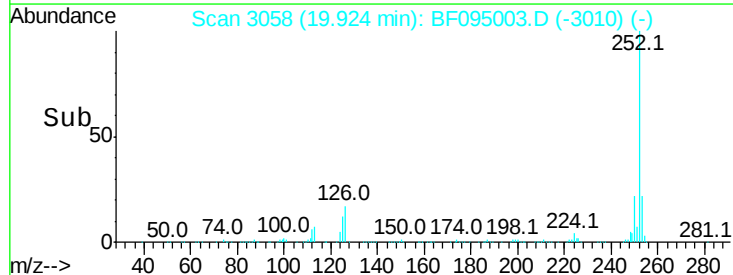
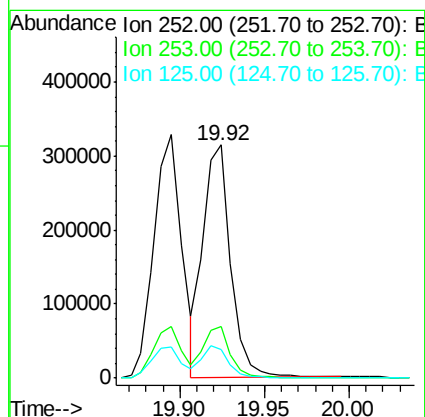
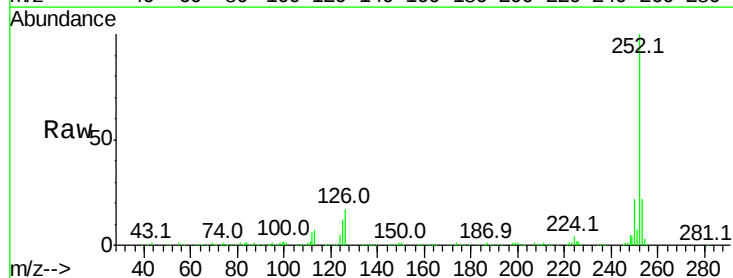
Instrument :
BNA_F
ClientSampleId :

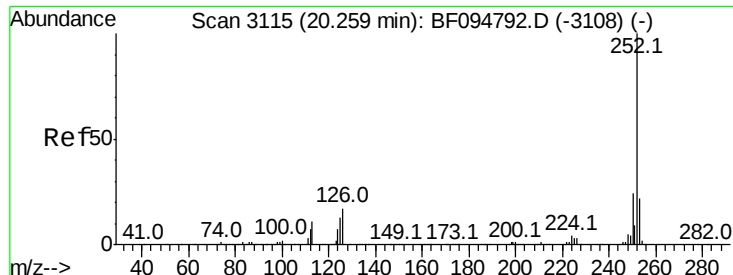
Tot Ion:252 Resp: 372328
Ion Ratio Lower Upper
252 100
253 21.3 18.1 27.1
125 12.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 39.87 ng
RT: 19.92 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

Tgt Ion:252 Resp: 356175
Ion Ratio Lower Upper
252 100
253 22.0 18.4 27.6
125 12.2 13.1 19.7#

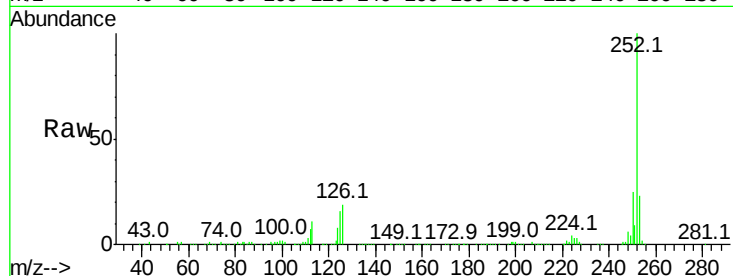




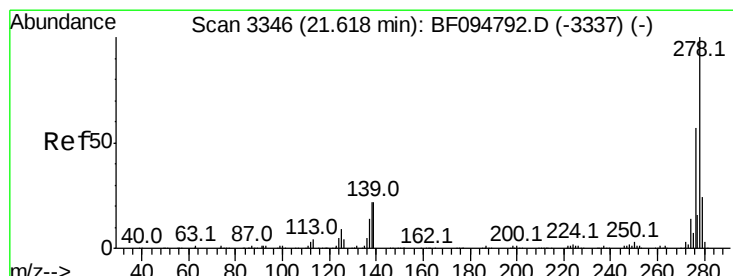
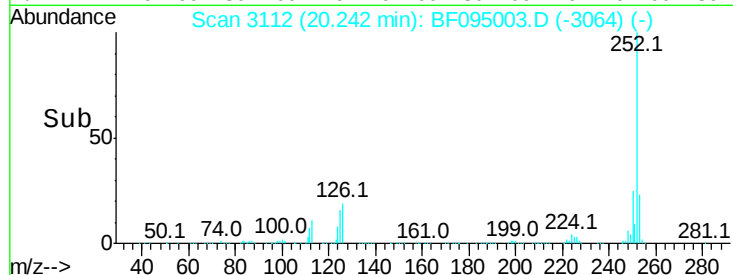
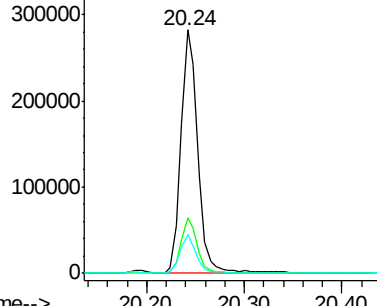
#89
Benzo(a)pyrene
Concen: 39.32 ng
RT: 20.24 min Scan# 3112
Delta R.T. -0.02 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 335991
Ion Ratio Lower Upper
252 100
253 22.6 17.5 26.3
125 16.2 11.0 16.4

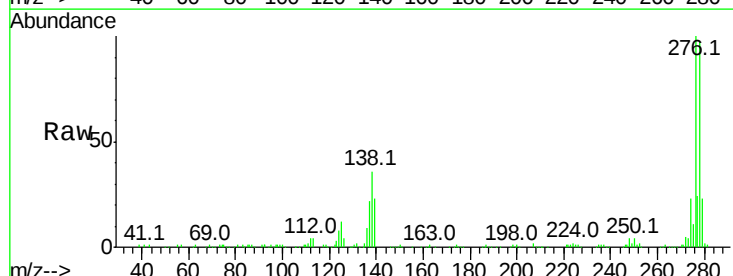


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

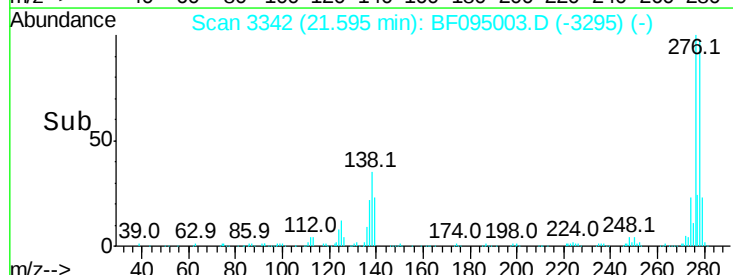
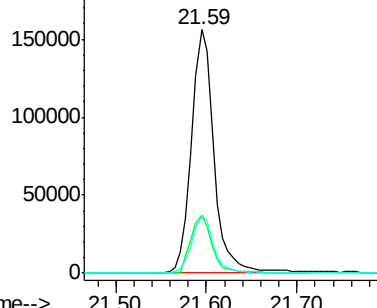


#90
Dibenzo(a,h)anthracene
Concen: 38.34 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.02 min
Lab File: BF095003.D
Acq: 9 May 2017 3:34

Tgt Ion:278 Resp: 270601
Ion Ratio Lower Upper
278 100
139 23.7 16.6 24.8
279 23.3 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 36.70 ng

RT: 21.97 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BF095003.D

Acq: 9 May 2017 3:34

Instrument :

BNA_F

ClientSampleId :

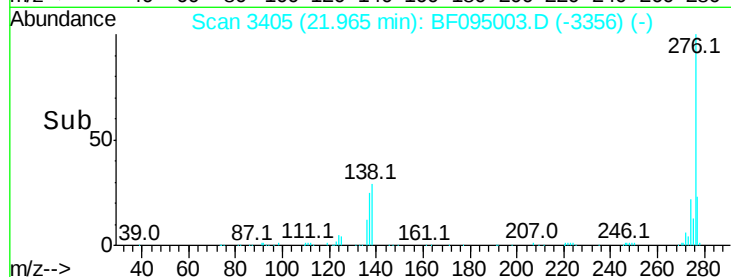
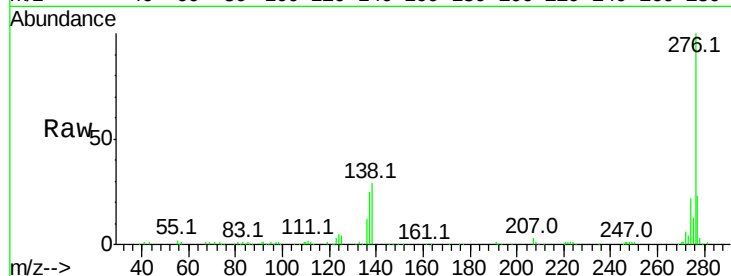
Tot Ion: 276 Resp: 254182

Ion Ratio Lower Upper

276 100

277 23.3 18.6 28.0

138 28.8 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

