

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094946.D
 Acq On : 6 May 2017 6:57
 Operator : SJ/MA
 Sample : PB98737BS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 08 01:35:54 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	99662	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	410050	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	196389	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	333261	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	247448	20.00	ng	-0.01
86) Perylene-d12	20.31	264	200631	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.68	112	813637	136.11	ng	0.00
7) Phenol-d6	7.27	99	955433	133.21	ng	0.00
23) Nitrobenzene-d5	8.63	82	556103	85.52	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	207539	129.04	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	1123546	82.35	ng	-0.01
78) Terphenyl-d14	17.30	244	968543	86.21	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.16	88	99939	34.09	ng	93
3) Pyridine	2.84	79	235148	34.61	ng	97
4) n-Nitrosodimethylamine	2.76	42	116084	40.99	ng	87
6) Aniline	7.23	93	225898	24.95	ng	96
8) 2-Chlorophenol	7.41	128	317093	46.60	ng	96
9) Benzaldehyde	7.05	77	40611	9.27	ng	91
10) Phenol	7.29	94	348078	46.05	ng	90
11) bis(2-Chloroethyl)ether	7.37	93	271753	43.55	ng	95
12) 1,3-Dichlorobenzene	7.63	146	326462	42.30	ng	99
13) 1,4-Dichlorobenzene	7.75	146	322200	41.16	ng	97
14) 1,2-Dichlorobenzene	7.99	146	313902	42.97	ng	96
15) Benzyl Alcohol	8.01	79	241746	52.40	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	363978	41.21	ng	52
17) 2-Methylphenol	8.22	107	253158	45.47	ng	# 88
18) Hexachloroethane	8.51	117	106912	40.32	ng	# 86
19) n-Nitroso-di-n-propylamine	8.44	70	208300	42.94	ng	92
20) 3+4-Methylphenols	8.48	107	330030	43.62	ng	# 63
22) Acetophenone	8.40	105	412938	41.97	ng	# 84
24) Nitrobenzene	8.65	77	289816	42.52	ng	94
25) Isophorone	9.05	82	553983	47.71	ng	# 94
26) 2-Nitrophenol	9.16	139	174132	47.35	ng	98
27) 2,4-Dimethylphenol	9.30	122	269339	45.29	ng	97
28) bis(2-Chloroethoxy)methane	9.42	93	351570	43.77	ng	98
29) 2,4-Dichlorophenol	9.58	162	244487	43.55	ng	98
30) 1,2,4-Trichlorobenzene	9.67	180	247132	41.08	ng	99
31) Naphthalene	9.78	128	830969	40.32	ng	100
32) Benzoic acid	9.62	122	164308	42.71	ng	97
33) 4-Chloroaniline	9.94	127	47925	6.24	ng	96
34) Hexachlorobutadiene	10.00	225	126291	39.79	ng	98
35) Caprolactam	10.61	113	24846	14.74	ng	89
36) 4-Chloro-3-methylphenol	10.77	107	279726	46.60	ng	89
37) 2-Methylnaphthalene	10.90	142	609248	45.04	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	233130	38.60	ng	99
40) Hexachlorocyclopentadiene	11.16	237	206968	81.40	ng	98

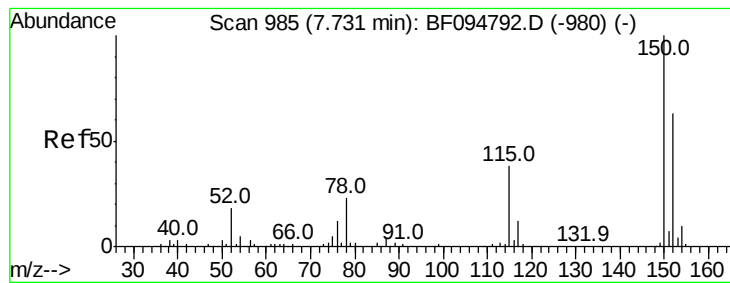
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094946.D
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	173115	42.93	nq	97
43) 2,4,5-Trichlorophenol	11.48	196	176898	40.82	nq	# 94
45) 1,1'-Biphenyl	11.67	154	683018	41.31	nq	99
46) 2-Chloronaphthalene	11.68	162	541124	40.53	nq	95
47) 2-Nitroaniline	11.90	65	153880	42.11	nq	# 83
48) Acenaphthylene	12.34	152	870575	41.63	nq	99
49) Dimethylphthalate	12.22	163	648643	40.23	nq	98
50) 2,6-Dinitrotoluene	12.31	165	144992	44.08	nq	96
51) Acenaphthene	12.62	154	509887	40.82	nq	99
52) 3-Nitroaniline	12.58	138	58720	16.63	nq	# 94
53) 2,4-Dinitrophenol	12.77	184	143527	79.29	nq	# 66
54) Dibenzofuran	12.91	168	786928	45.53	nq	98
55) 4-Nitrophenol	12.95	139	188476	88.89	nq	# 77
56) 2,4-Dinitrotoluene	12.97	165	194665	46.06	nq	# 92
57) Fluorene	13.47	166	624845	41.57	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	137569	50.44	nq	# 93
59) Diethylphthalate	13.37	149	636692	41.20	nq	99
60) 4-Chlorophenyl-phenylether	13.49	204	276668	41.89	nq	90
61) 4-Nitroaniline	13.58	138	132252	40.81	nq	96
62) Azobenzene	13.75	77	586836	47.26	nq	93
64) 4,6-Dinitro-2-methylphenol	13.64	198	101856	45.59	nq	# 66
65) n-Nitrosodiphenylamine	13.70	169	532943	44.06	nq	99
66) 4-Bromophenyl-phenylether	14.28	248	158123	44.91	nq	96
67) Hexachlorobenzene	14.36	284	158531	43.93	nq	# 83
68) Atrazine	14.62	200	163532	47.89	nq	96
69) Pentachlorophenol	14.71	266	142090	86.57	nq	99
70) Phenanthrene	15.01	178	828891	43.29	nq	98
71) Anthracene	15.09	178	869921	44.48	nq	99
72) Carbazole	15.38	167	805949	45.29	nq	97
73) Di-n-butylphthalate	15.94	149	994492	44.81	nq	99
74) Fluoranthene	16.75	202	889621	45.29	nq	99
76) Benzydine	16.97	184	276849	42.28	nq	# 93
77) Pyrene	17.05	202	891079	48.15	nq	99
79) Butylbenzylphthalate	17.96	149	373918	43.44	nq	90
80) Benzo(a)anthracene	18.63	228	625813	43.46	nq	99
81) 3,3'-Dichlorobenzidine	18.61	252	123639	24.86	nq	# 94
82) Chrysene	18.68	228	600682	43.14	nq	98
83) Bis(2-ethylhexyl)phthalate	18.71	149	550337	44.87	nq	# 99
84) Di-n-octyl phthalate	19.47	149	953888	47.44	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	529216	46.80	nq	100
87) Benzo(b)fluoranthene	19.90	252	544469	43.92	nq	99
88) Benzo(k)fluoranthene	19.93	252	533442	44.61	nq	# 94
89) Benzo(a)pyrene	20.25	252	510540	44.63	nq	99
90) Dibenzo(a,h)anthracene	21.60	278	433416	45.88	nq	97
91) Benzo(g,h,i)perylene	21.97	276	465290	50.19	nq	96

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

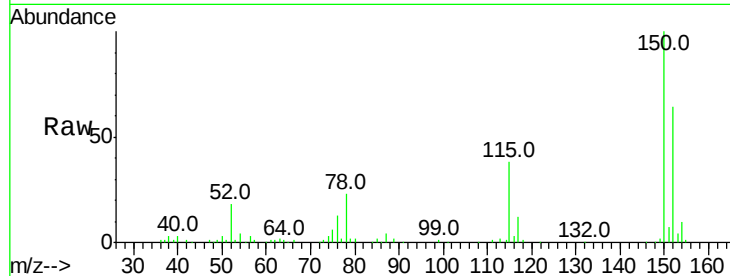


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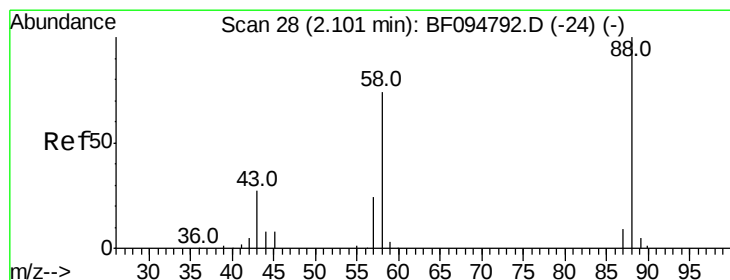
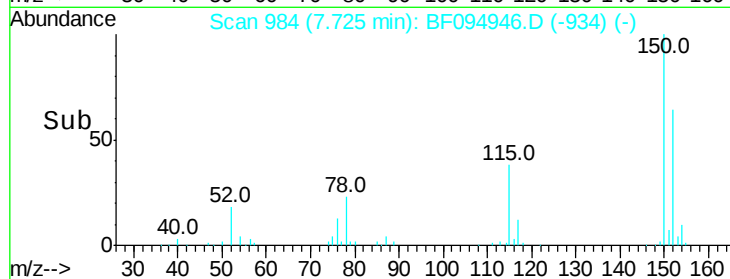
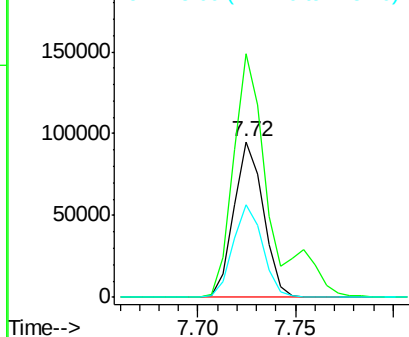
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 99662
Ion Ratio Lower Upper
152 100
150 156.3 126.2 189.2
115 59.0 52.2 78.2



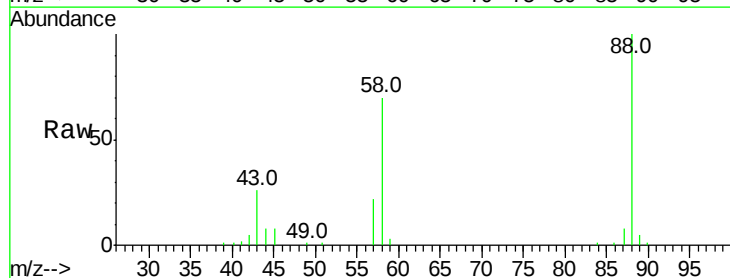
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



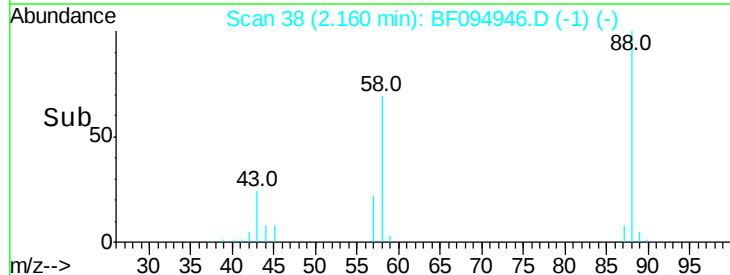
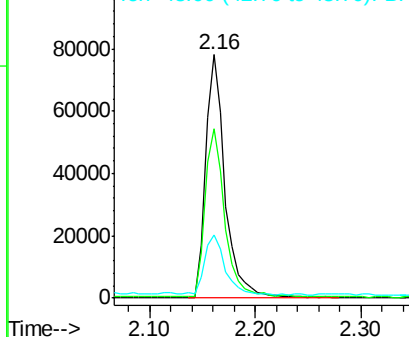
#2

1,4-Dioxane
Concen: 34.09 ng
RT: 2.16 min Scan# 38
Delta R.T. 0.06 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion: 88 Resp: 99939
Ion Ratio Lower Upper
88 100
58 70.1 61.4 92.0
43 25.6 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: 34.61 ng

RT: 2.84 min Scan# 154

Delta R.T. 0.08 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampled :

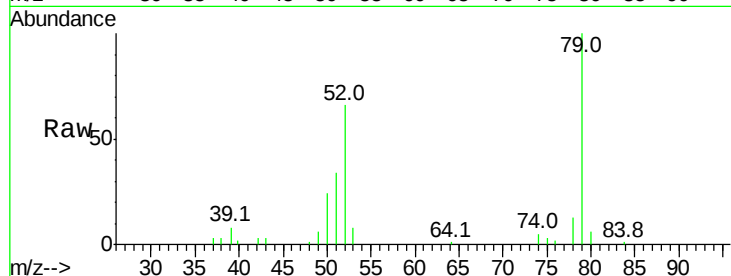
Tot Ion: 79 Resp: 235148

Ion Ratio Lower Upper

79 100

52 65.8 54.8 82.2

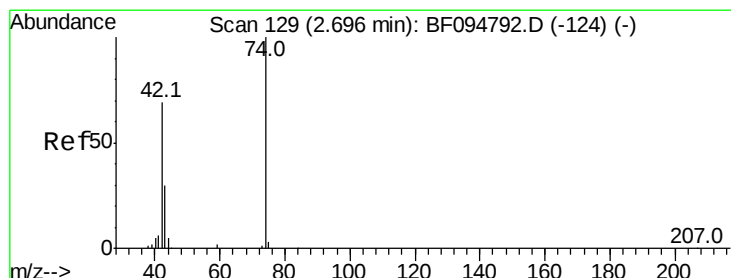
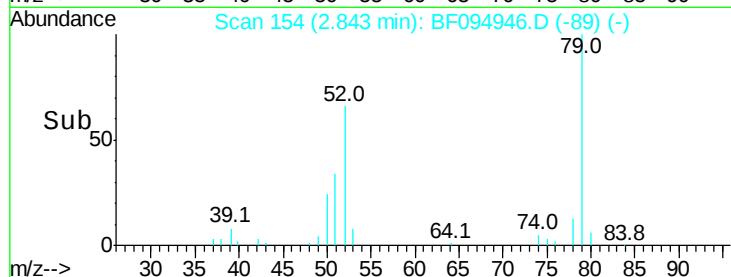
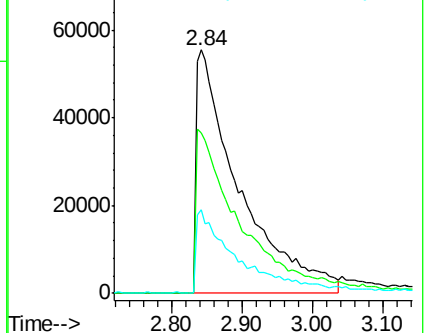
51 34.5 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.99 ng

RT: 2.76 min Scan# 140

Delta R.T. 0.06 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

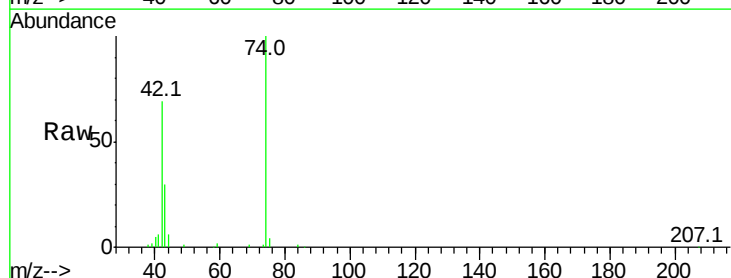
Tgt Ion: 42 Resp: 116084

Ion Ratio Lower Upper

42 100

74 145.9 103.9 155.9

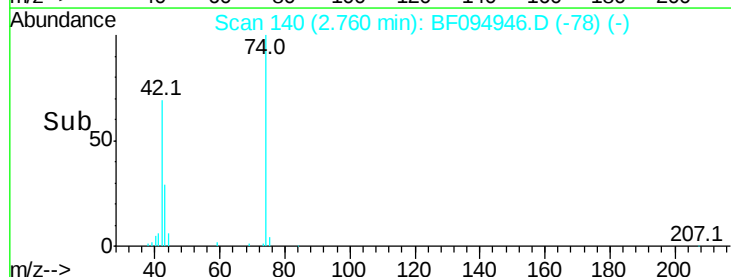
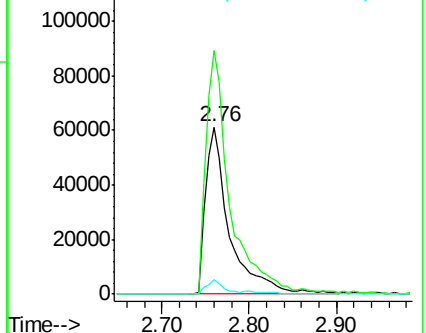
44 8.4 5.7 8.5

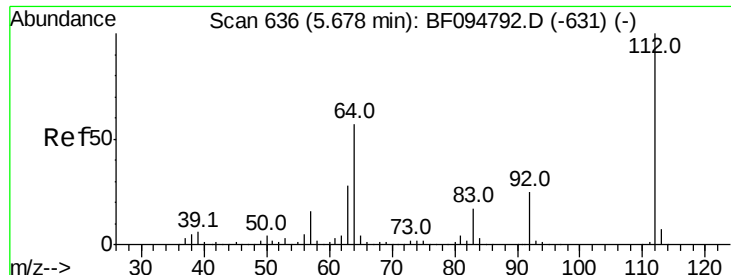


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 136.11 ng

RT: 5.68 min Scan# 637

Delta R.T. 0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampleId :

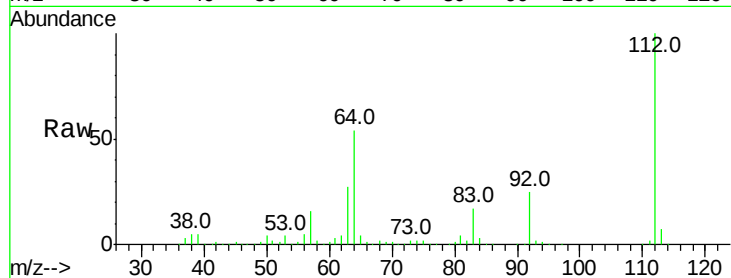
Tot Ion:112 Resp: 813637

Ion Ratio Lower Upper

112 100

64 54.5 46.0 69.0

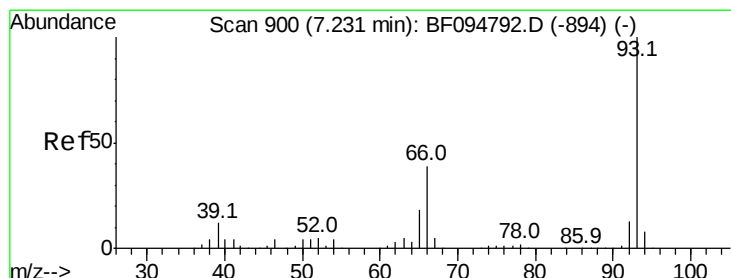
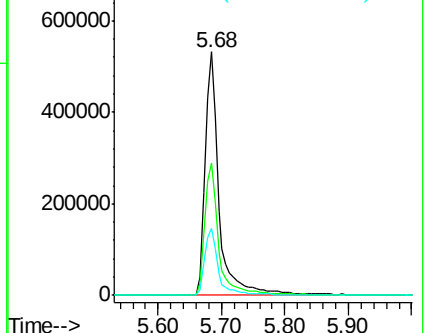
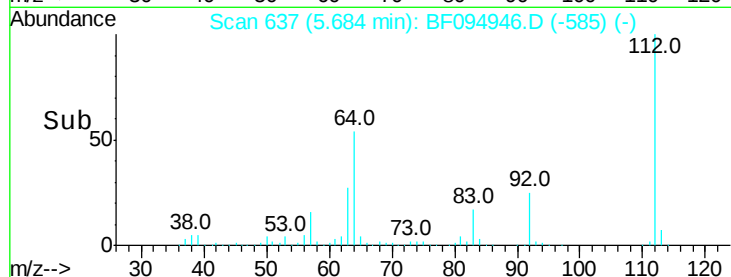
63 27.3 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 24.95 ng

RT: 7.23 min Scan# 900

Delta R.T. 0.00 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

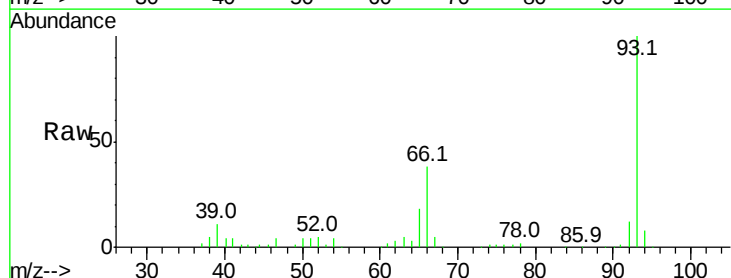
Tgt Ion: 93 Resp: 225898

Ion Ratio Lower Upper

93 100

66 38.2 32.9 49.3

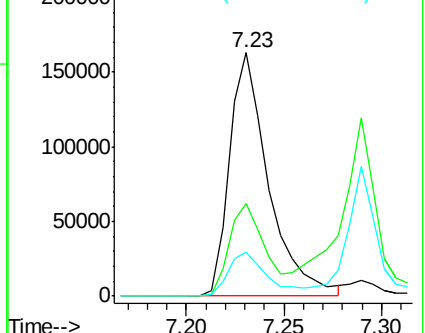
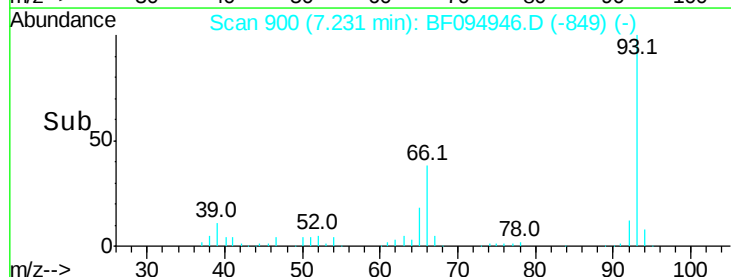
65 18.2 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 133.21 ng

RT: 7.27 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampleId :

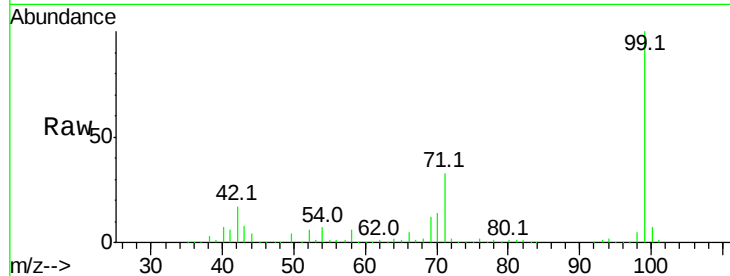
Tot Ion: 99 Resp: 955433

Ion Ratio Lower Upper

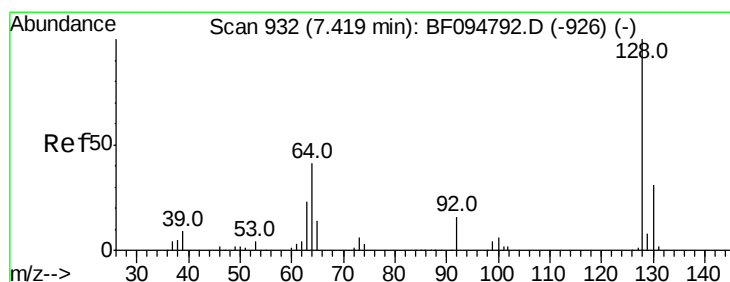
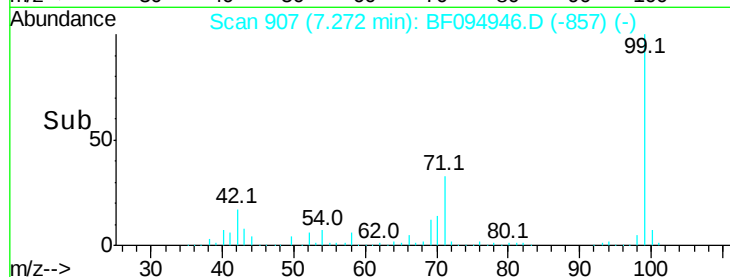
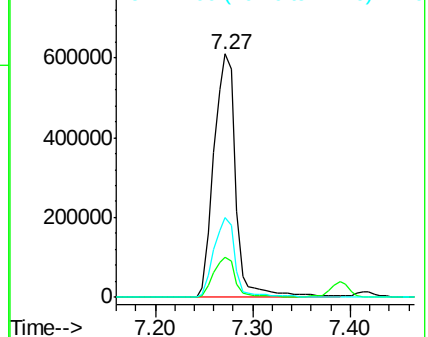
99 100

42 16.6 13.5 20.3

71 33.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 46.60 ng

RT: 7.41 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

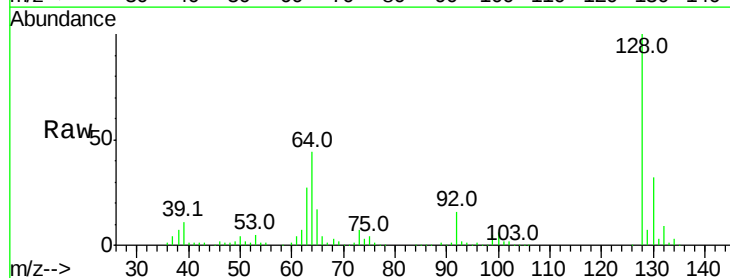
Tgt Ion: 128 Resp: 317093

Ion Ratio Lower Upper

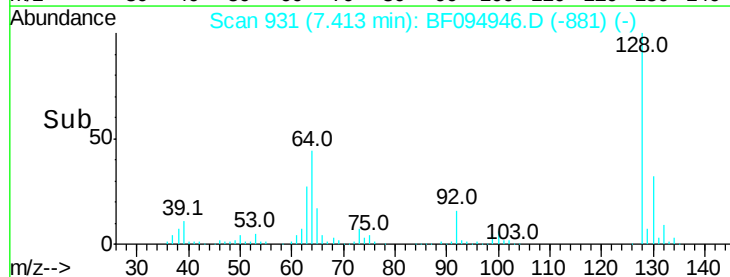
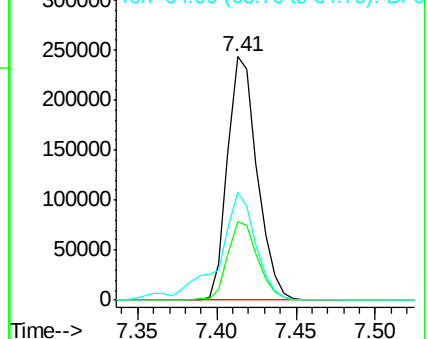
128 100

130 32.4 12.9 52.9

64 44.4 28.4 68.4



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BF0

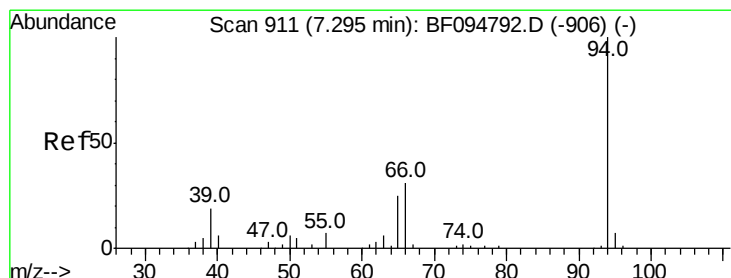
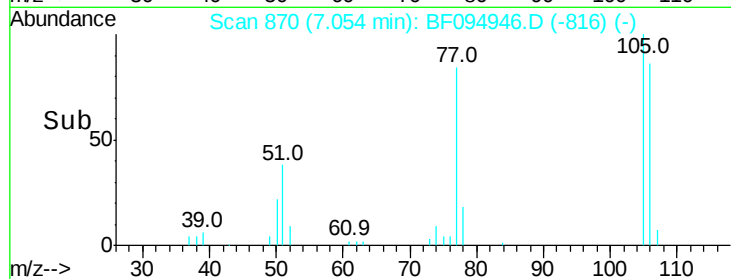
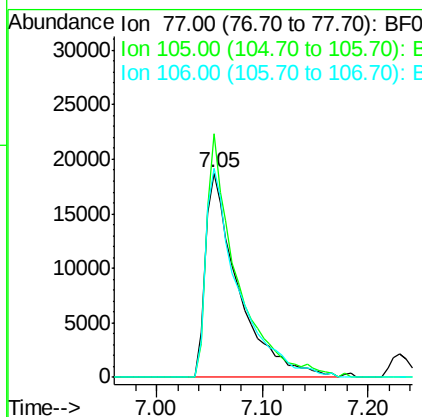
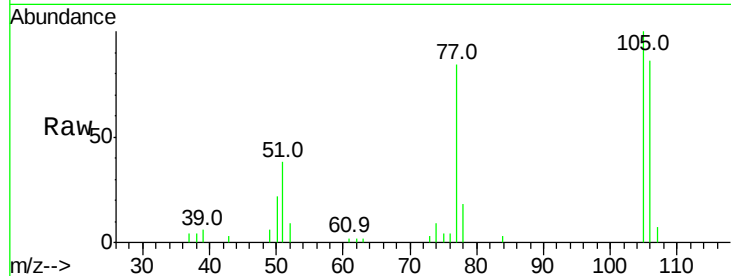




#9
Benzaldehyde
Concen: 9.27 ng
RT: 7.05 min Scan# 870
Delta R.T. 0.02 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

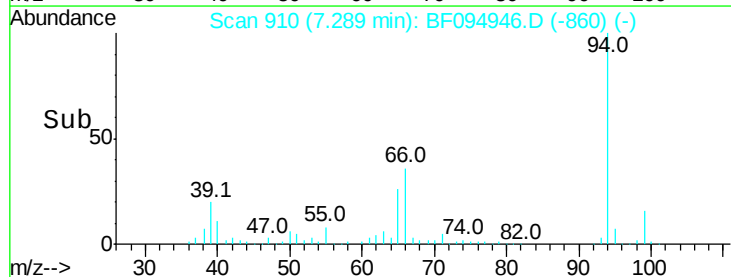
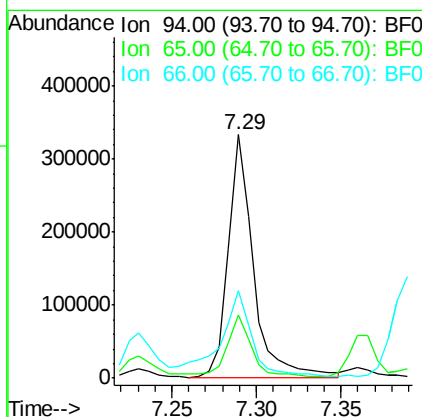
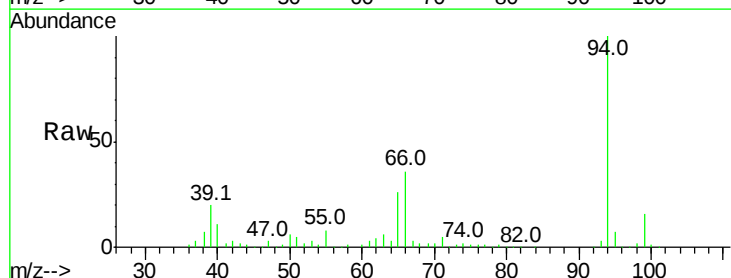
Instrument :
BNA_F
ClientSampleId :

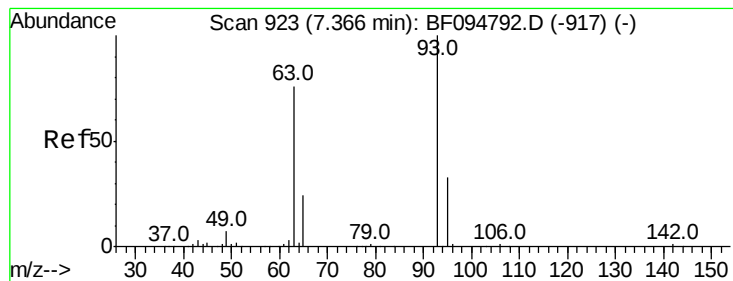
Tot Ion: 77 Resp: 40611
Ion Ratio Lower Upper
77 100
105 119.0 83.8 123.8
106 102.4 79.1 119.1



#10
Phenol
Concen: 46.05 ng
RT: 7.29 min Scan# 910
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion: 94 Resp: 348078
Ion Ratio Lower Upper
94 100
65 26.0 9.9 49.9
66 35.8 23.1 63.1

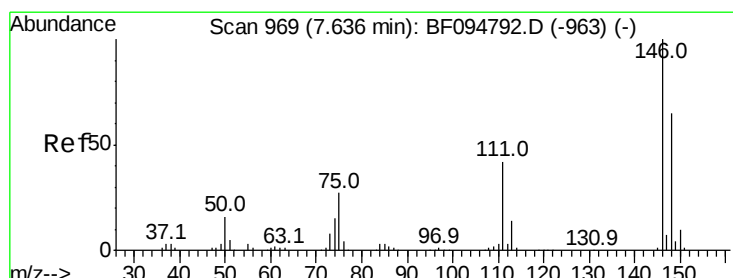
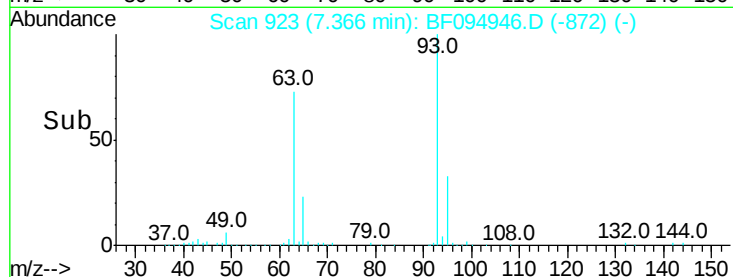
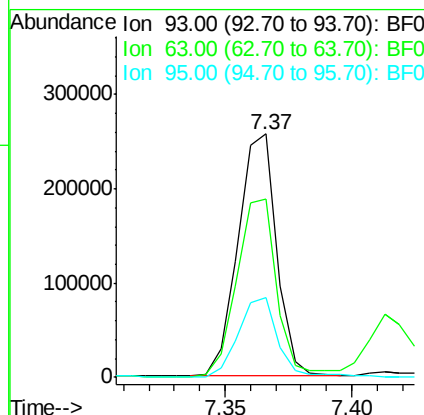
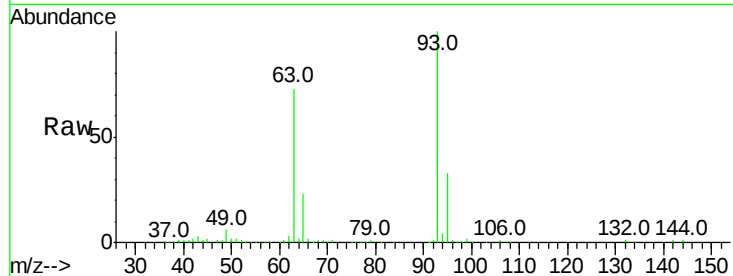




#11
bis(2-Chloroethyl)ether
Concen: 43.55 ng
RT: 7.37 min Scan# 923
Delta R.T. 0.00 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

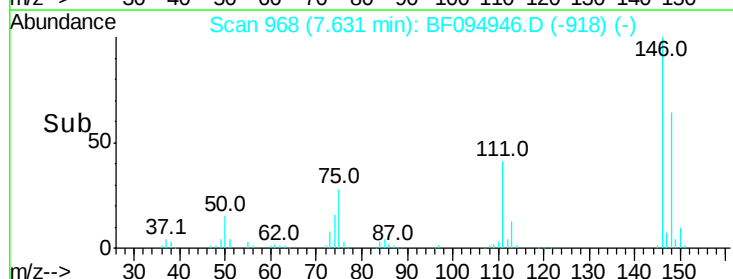
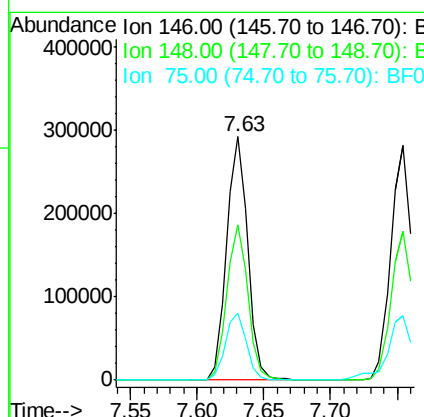
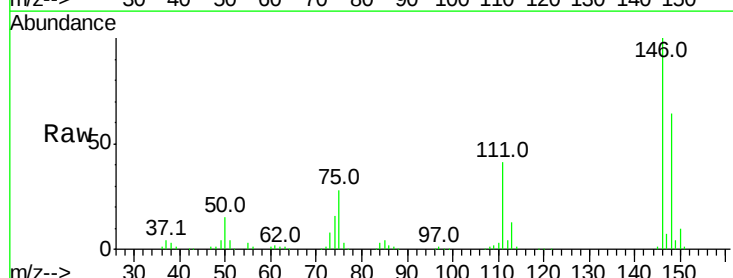
Instrument :
BNA_F
ClientSampleId :

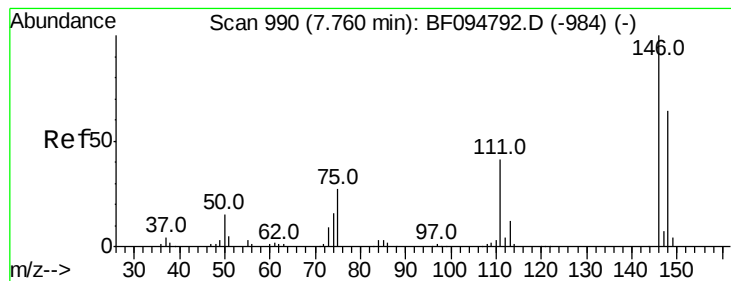
Tot Ion: 93 Resp: 271753
Ion Ratio Lower Upper
93 100
63 73.2 59.2 99.2
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 42.30 ng
RT: 7.63 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion: 146 Resp: 326462
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.6
75 27.5 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 41.16 ng

RT: 7.75 min Scan# 989

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampleId :

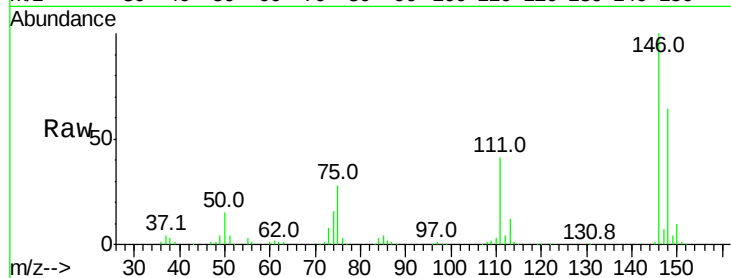
Tot Ion:146 Resp: 322200

Ion Ratio Lower Upper

146 100

148 63.5 52.2 78.2

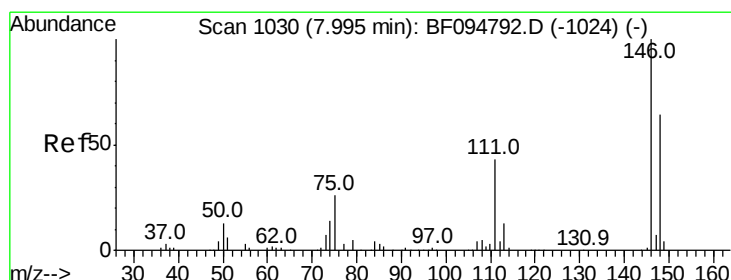
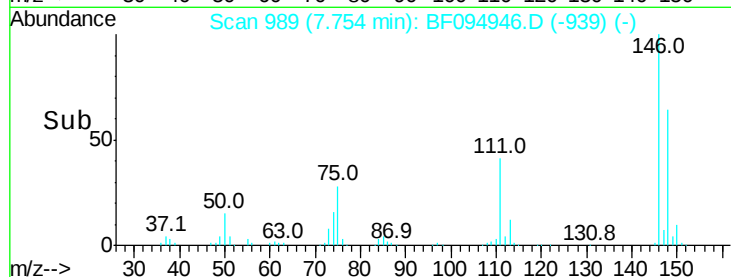
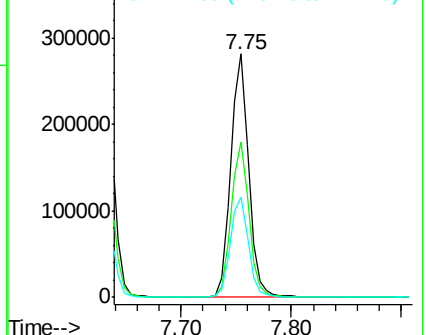
111 41.0 30.3 45.5



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 42.97 ng

RT: 7.99 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

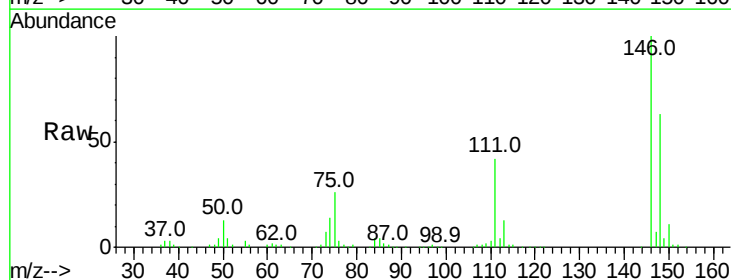
Tgt Ion:146 Resp: 313902

Ion Ratio Lower Upper

146 100

148 63.4 50.4 75.6

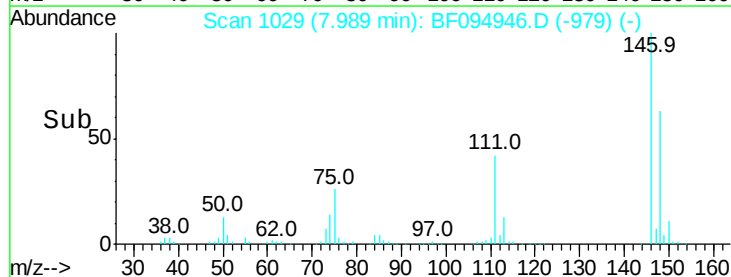
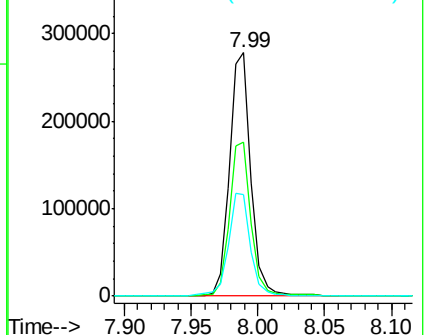
111 41.7 38.2 57.4

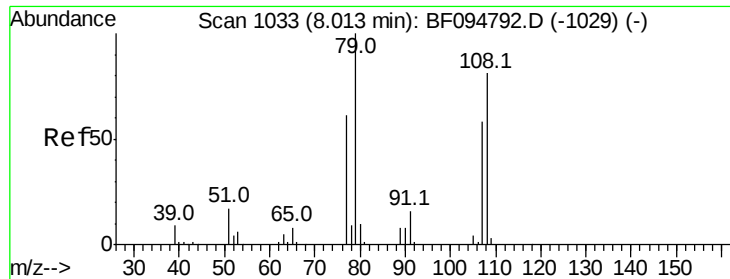


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

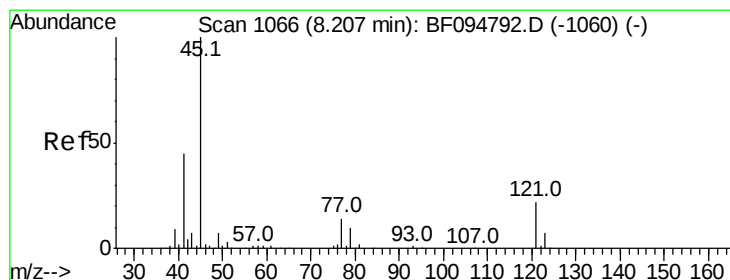
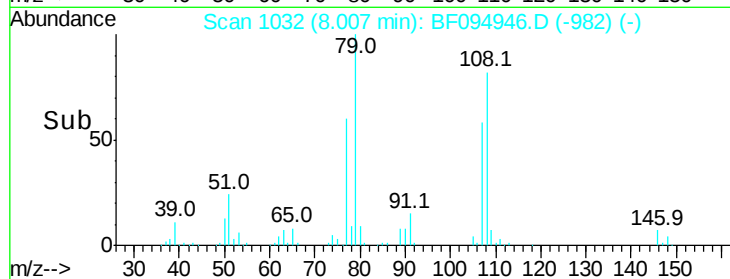
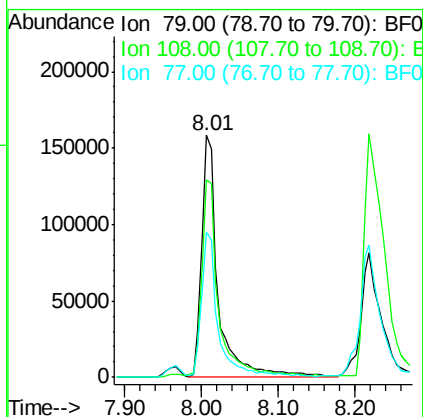
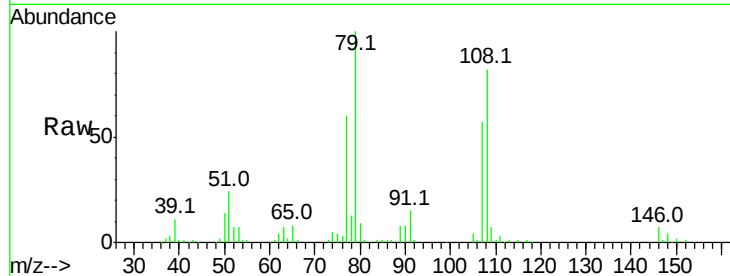




#15
Benzyl Alcohol
Concen: 52.40 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

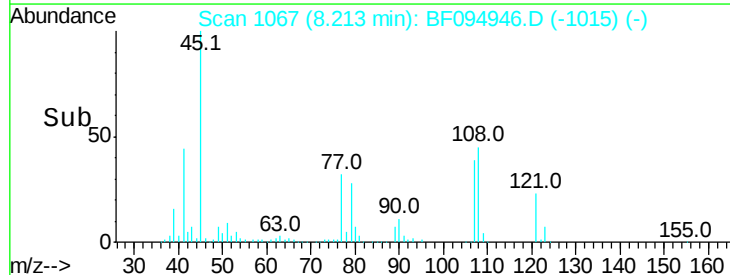
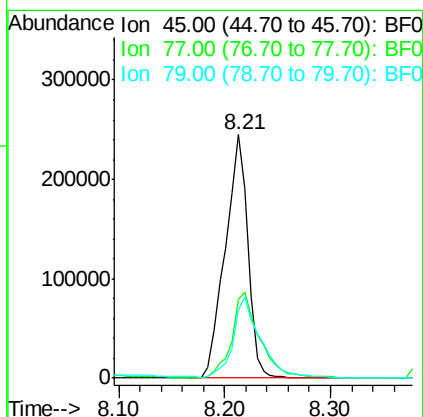
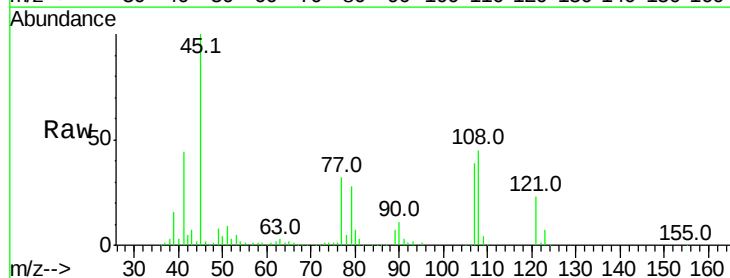
Instrument :
BNA_F
ClientSampleId :

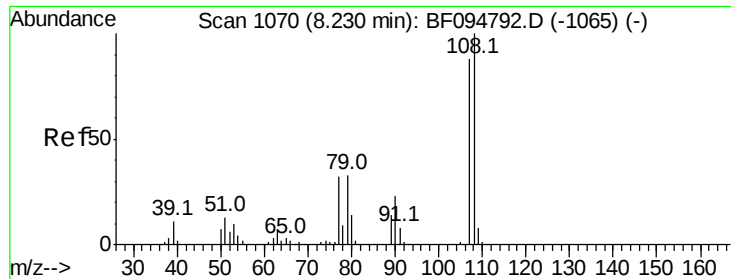
Tot Ion: 79 Resp: 241746
Ion Ratio Lower Upper
79 100
108 81.8 63.4 95.0
77 59.9 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 41.21 ng
RT: 8.21 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion: 45 Resp: 363978
Ion Ratio Lower Upper
45 100
77 32.2 0.0 33.2
79 28.1 0.0 30.0





#17

2-Methylphenol

Concen: 45.47 ng

RT: 8.22 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 253158

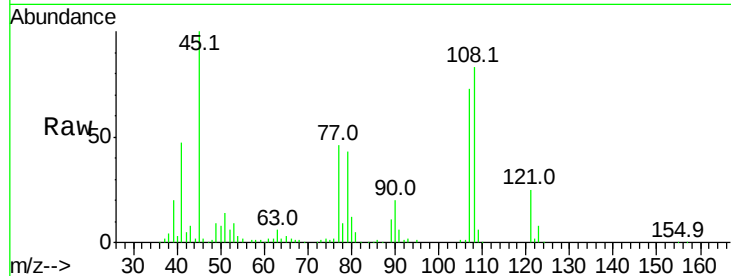
Ion Ratio Lower Upper

107 100

108 114.5 93.4 140.0

77 62.4 35.8 53.6#

79 58.6 34.8 52.2#

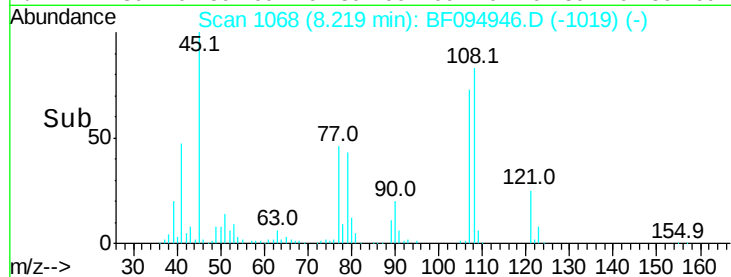
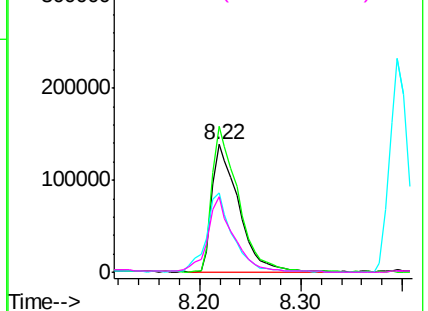


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#18

Hexachloroethane

Concen: 40.32 ng

RT: 8.51 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

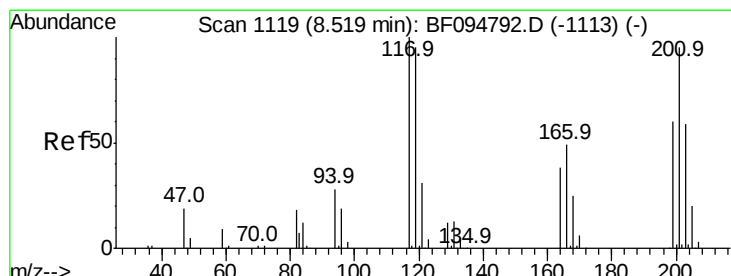
Tgt Ion:117 Resp: 106912

Ion Ratio Lower Upper

117 100

119 92.6 77.4 116.0

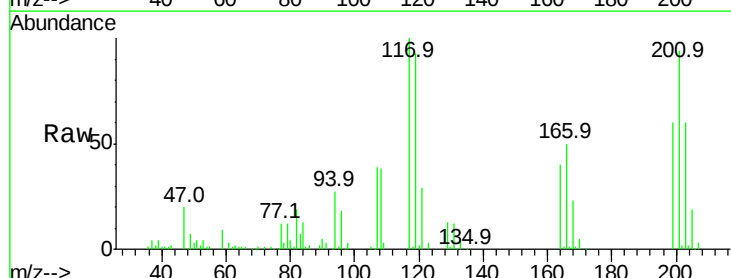
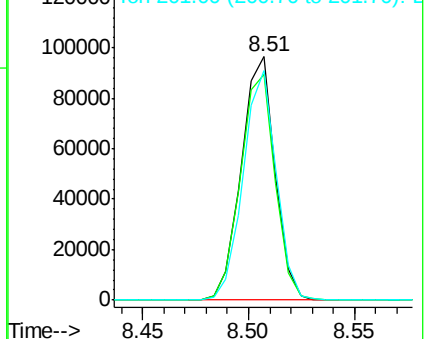
201 94.4 94.6 141.8#

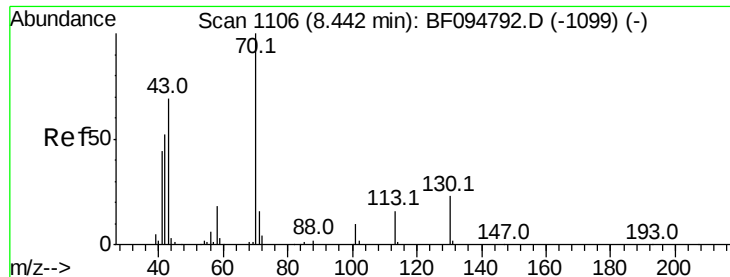


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

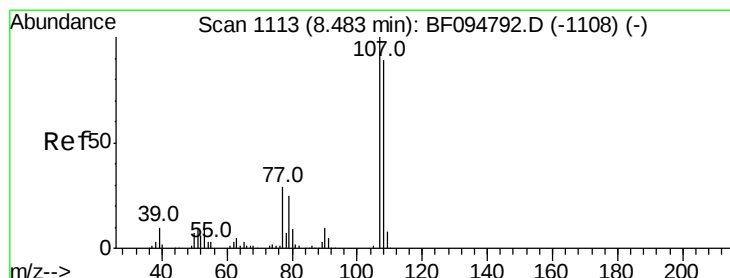
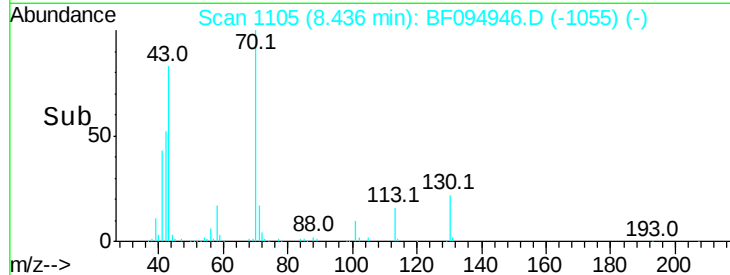
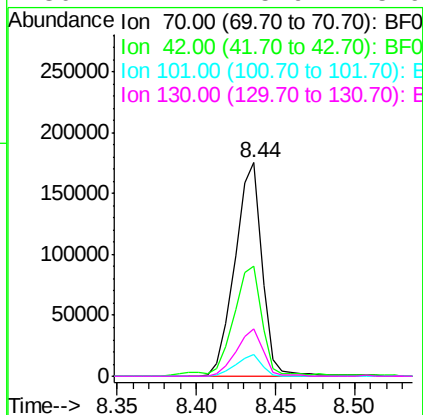
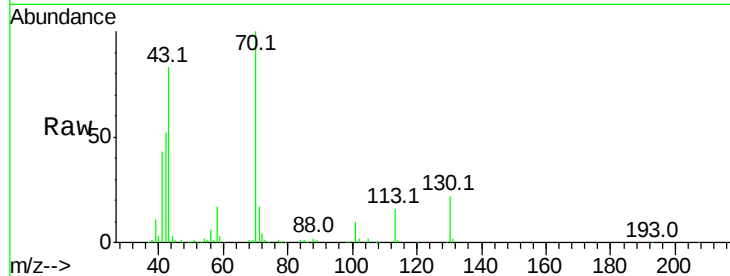




#19
n-Nitroso-di-n-propylamine
Concen: 42.94 ng
RT: 8.44 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

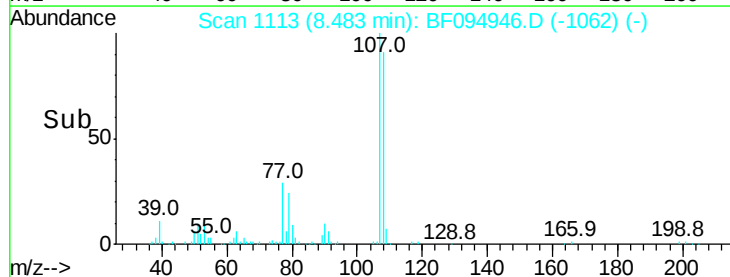
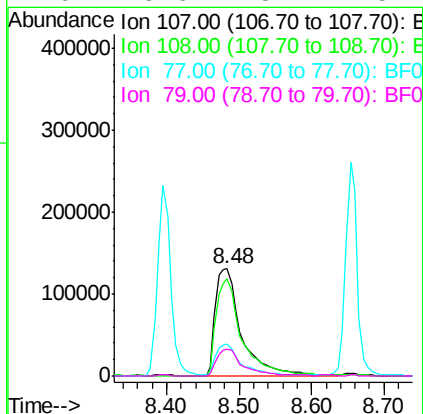
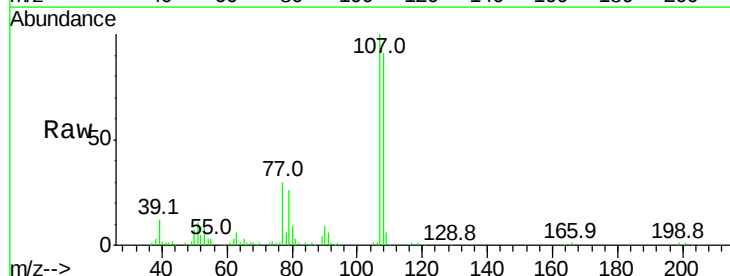
Instrument :
BNA_F
ClientSampleId :

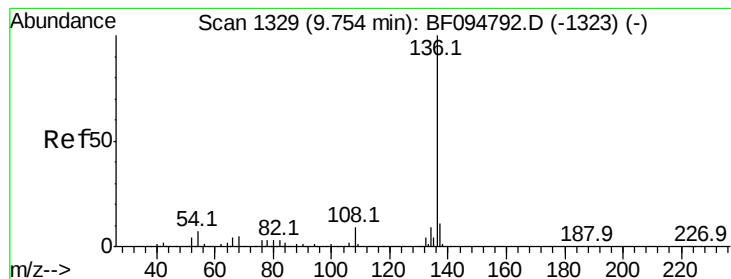
Tot Ion	Ratio	Lower	Upper
70	100		
42	51.5	47.2	70.8
101	10.1	7.2	10.8
130	22.4	15.9	23.9



#20
3+4-Methylphenols
Concen: 43.62 ng
RT: 8.48 min Scan# 1113
Delta R.T. 0.00 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.3	71.0	111.0
77	30.0	90.5	130.5#
79	25.6	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 410050

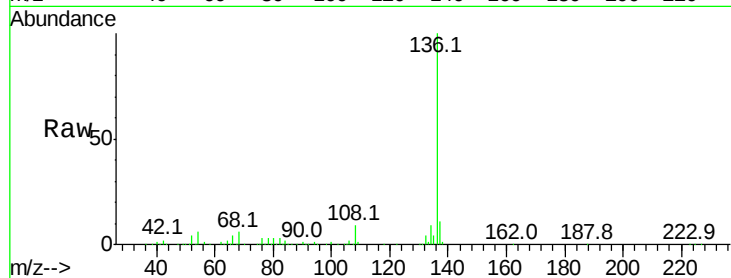
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 6.5 4.9 7.3

68 5.5 4.1 6.1

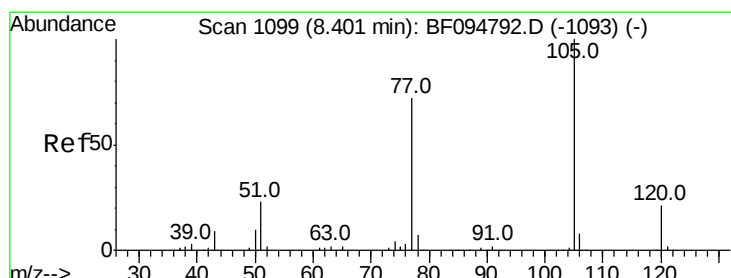
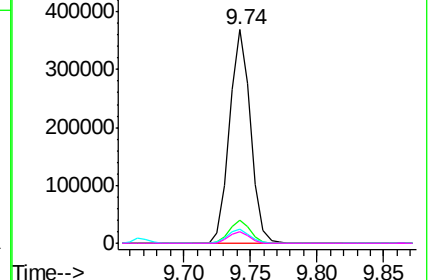
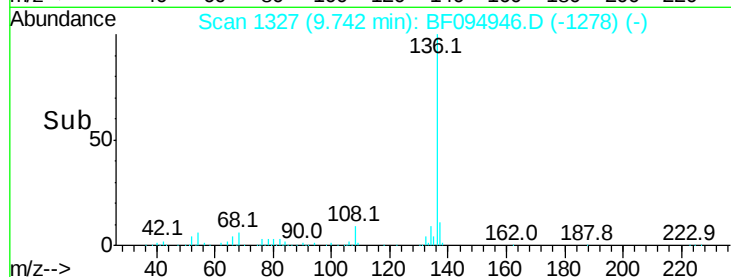


Abundance Ion 136.00 (135.70 to 136.70): E

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: 41.97 ng

RT: 8.40 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Tgt Ion:105 Resp: 412938

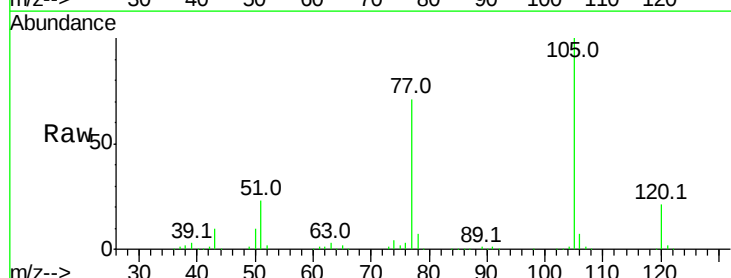
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.3 30.7 46.1#

120 20.9 17.4 26.0

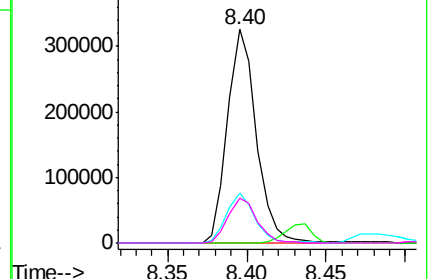
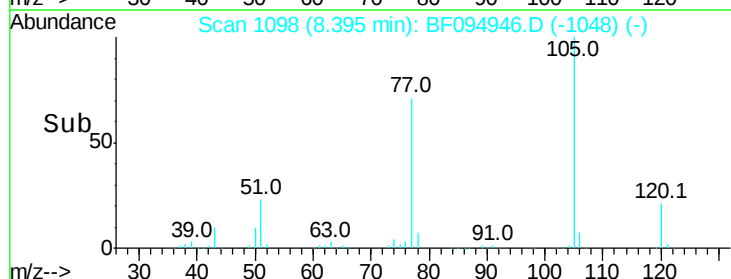


Abundance Ion 105.00 (104.70 to 105.70): E

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

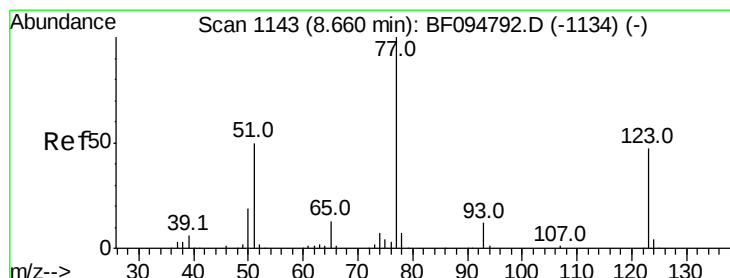
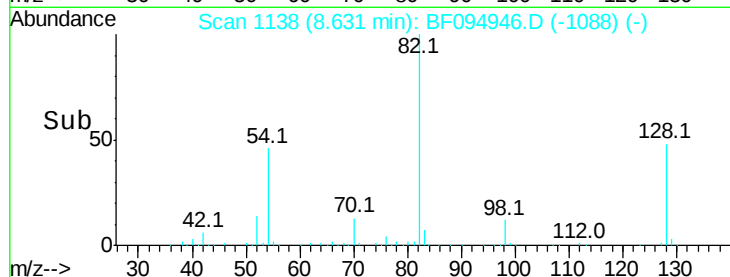
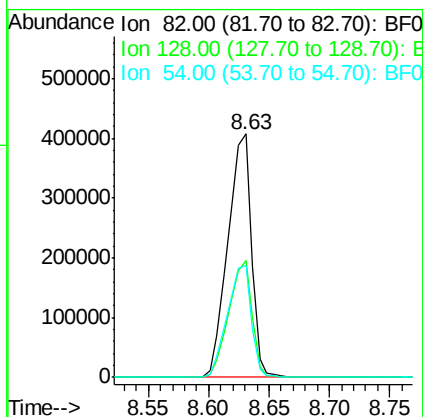
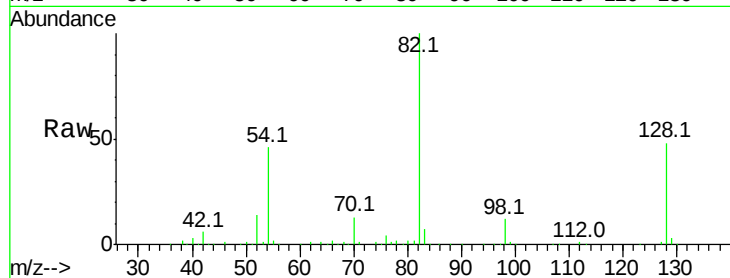




#23
Nitrobenzene-d5
Concen: 85.52 ng
RT: 8.63 min Scan# 1138
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

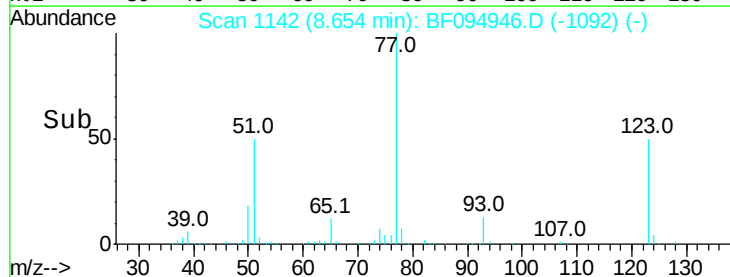
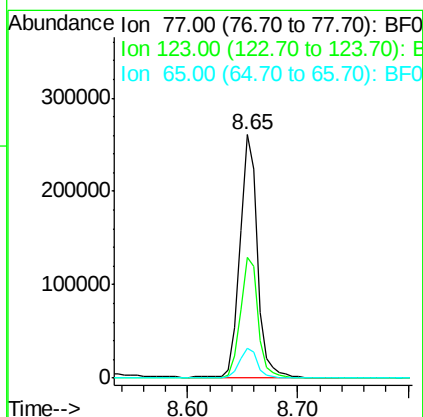
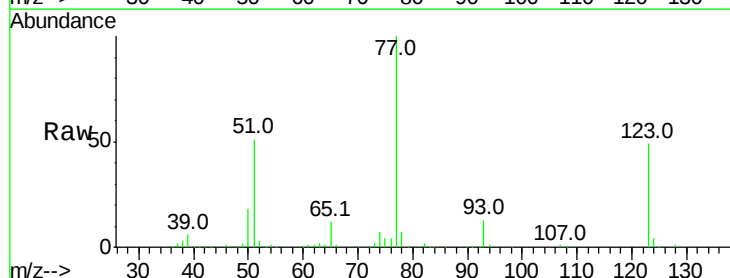
Instrument :
BNA_F
ClientSampleId :

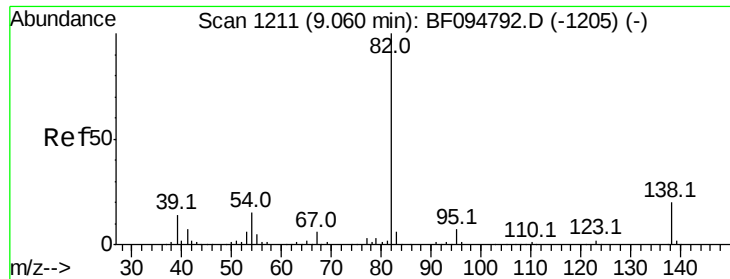
Tot Ion: 82 Resp: 556103
Ion Ratio Lower Upper
82 100
128 48.2 34.0 51.0
54 46.1 42.2 63.2



#24
Nitrobenzene
Concen: 42.52 ng
RT: 8.65 min Scan# 1142
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion: 77 Resp: 289816
Ion Ratio Lower Upper
77 100
123 49.4 35.8 53.8
65 12.1 10.6 15.8





#25

Isophorone

Concen: 47.71 ng

RT: 9.05 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampleId :

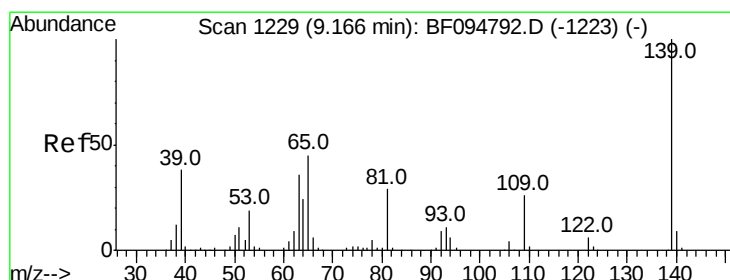
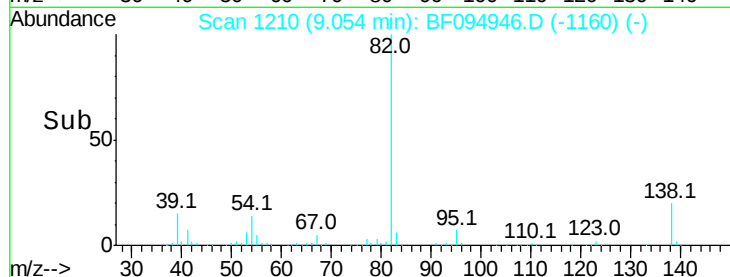
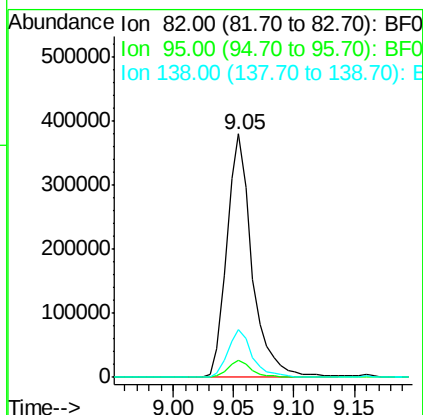
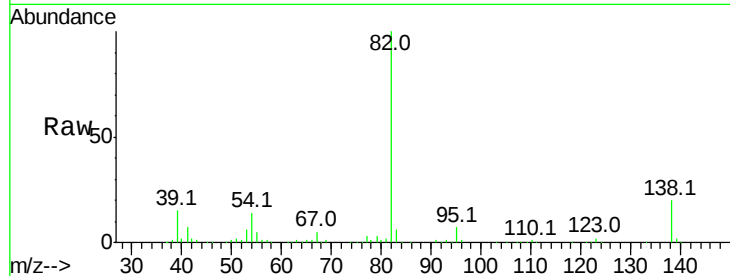
Tot Ion: 82 Resp: 553983

Ion Ratio Lower Upper

82 100

95 7.0 5.3 7.9

138 19.7 13.1 19.7#



#26

2-Nitrophenol

Concen: 47.35 ng

RT: 9.16 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

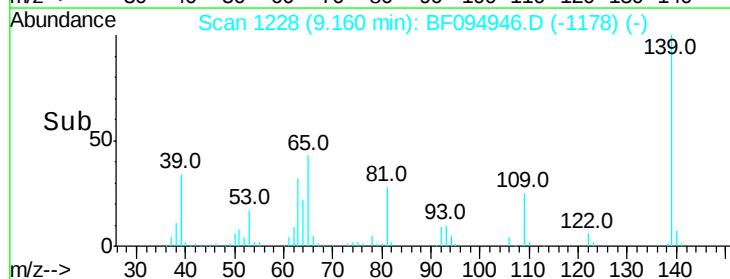
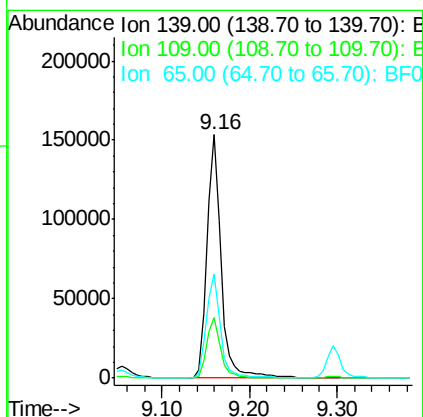
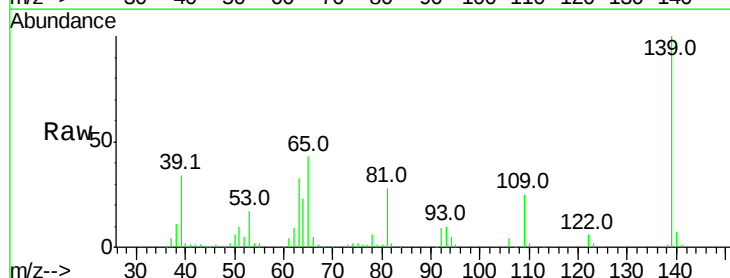
Tgt Ion: 139 Resp: 174132

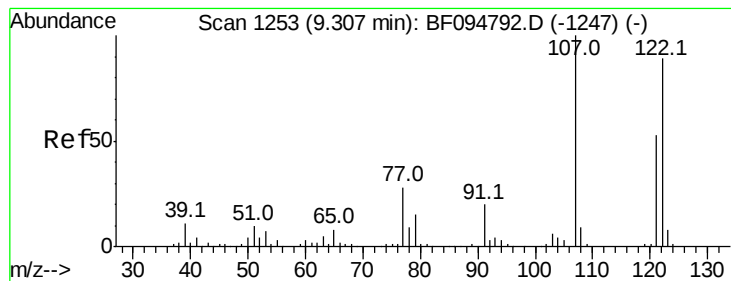
Ion Ratio Lower Upper

139 100

109 24.9 21.0 31.6

65 42.8 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 45.29 ng

RT: 9.30 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampleId :

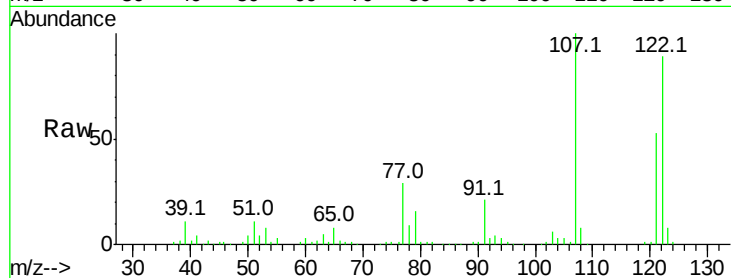
Tot Ion:122 Resp: 269339

Ion Ratio Lower Upper

122 100

107 112.7 89.2 133.8

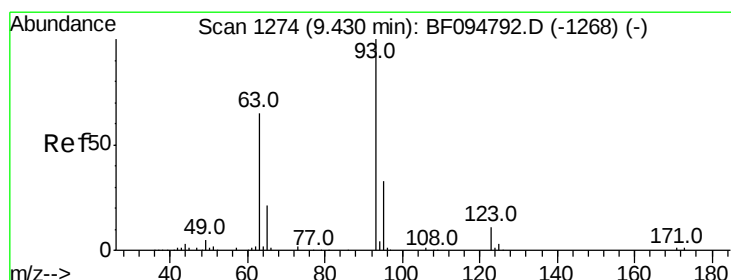
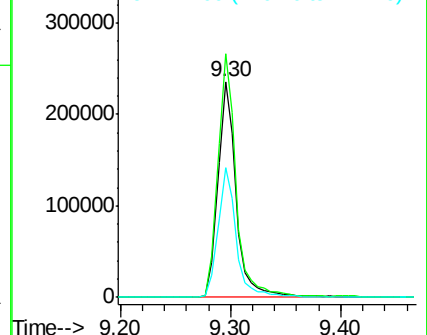
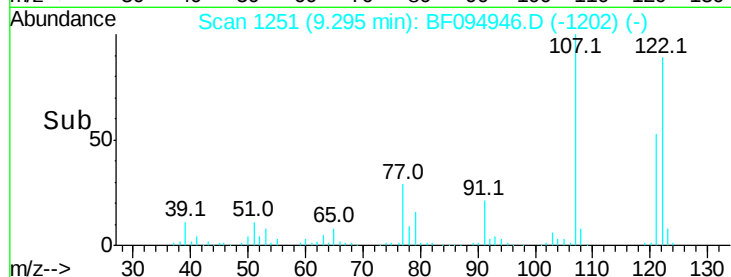
121 60.3 45.2 67.8



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: 43.77 ng

RT: 9.42 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

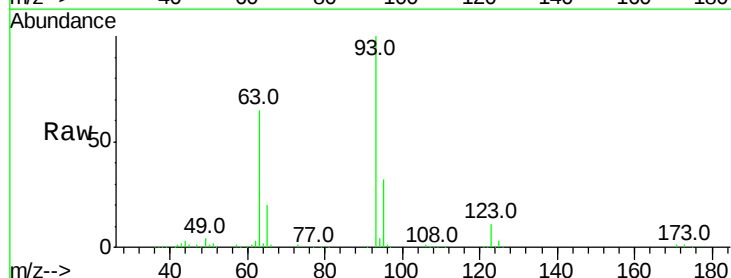
Tgt Ion: 93 Resp: 351570

Ion Ratio Lower Upper

93 100

95 31.5 26.5 39.7

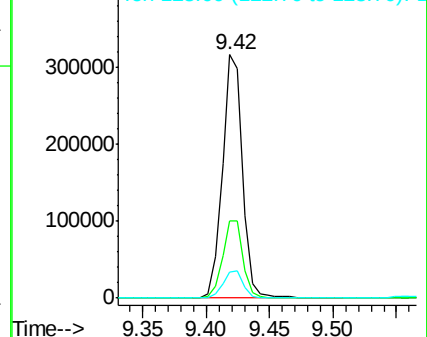
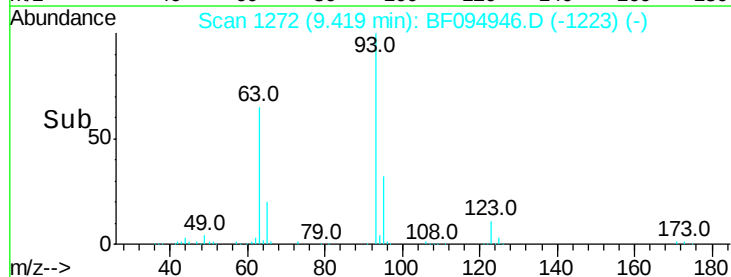
123 10.8 9.0 13.4

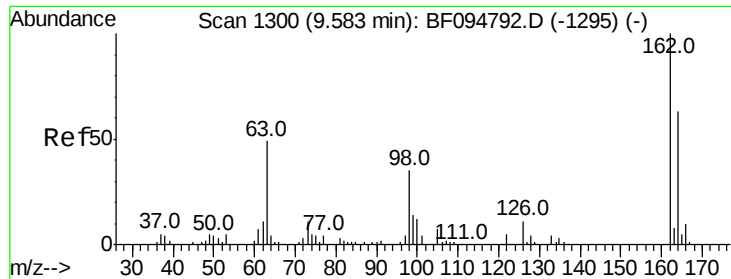


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

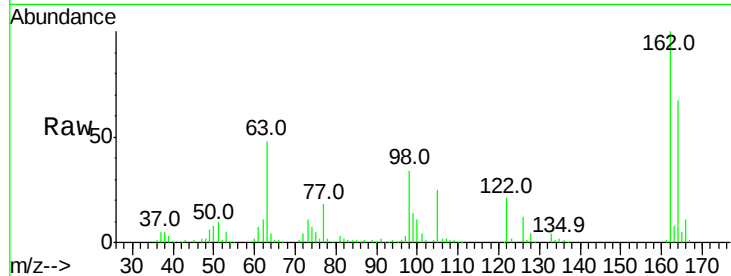




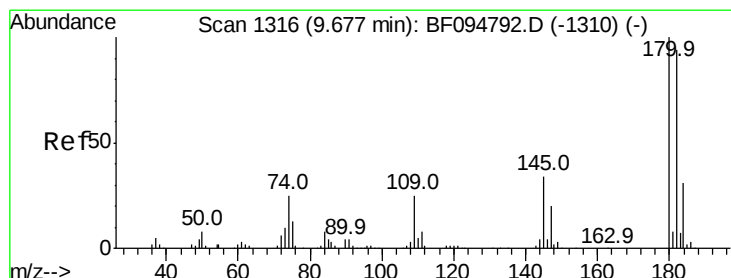
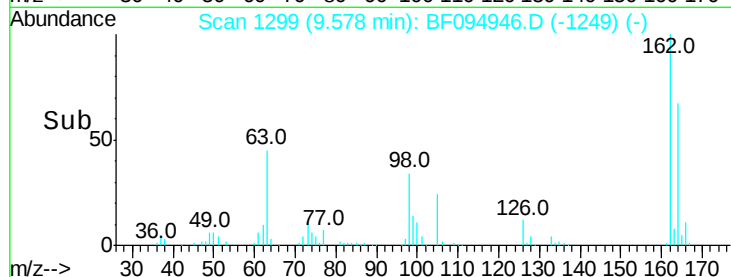
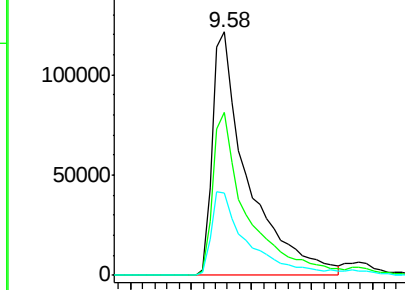
#29
 2,4-Dichlorophenol
 Concen: 43.55 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.7	44.6	84.6
98	33.7	14.8	54.8

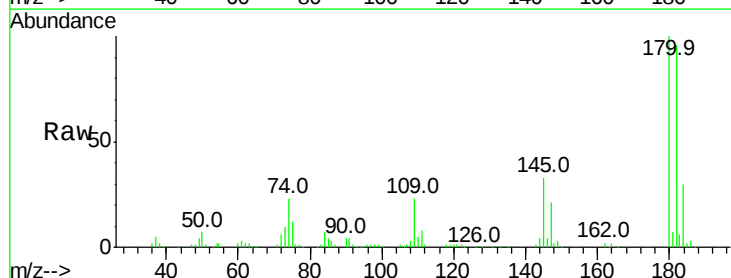


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

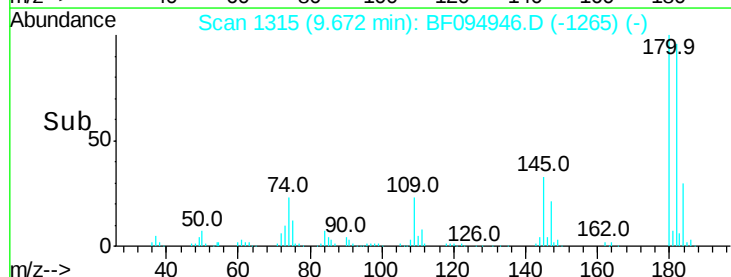
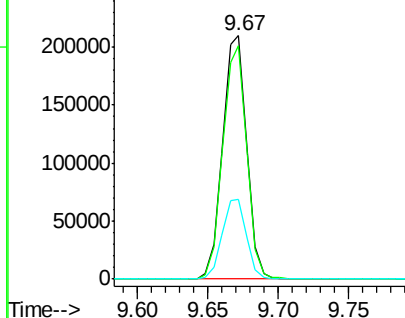


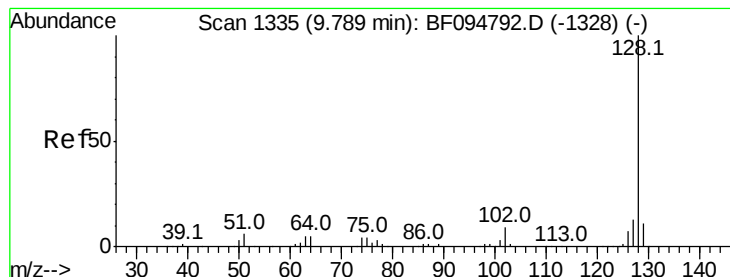
#30
 1,2,4-Trichlorobenzene
 Concen: 41.08 ng
 RT: 9.67 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	75.8	113.6
145	32.7	25.3	37.9



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





#31

Naphthalene

Concen: 40.32 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampleId :

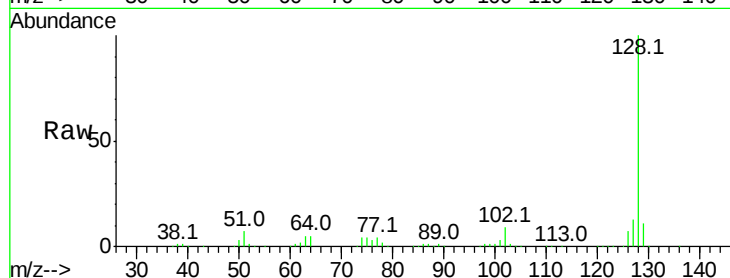
Tot Ion:128 Resp: 830969

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

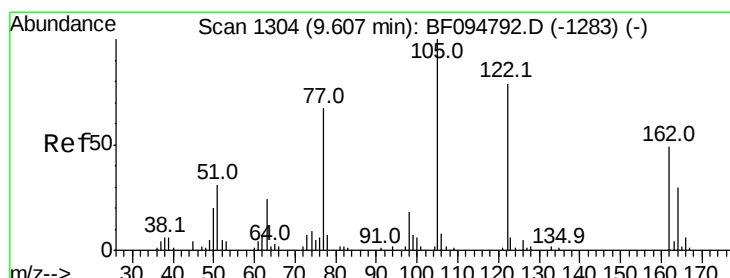
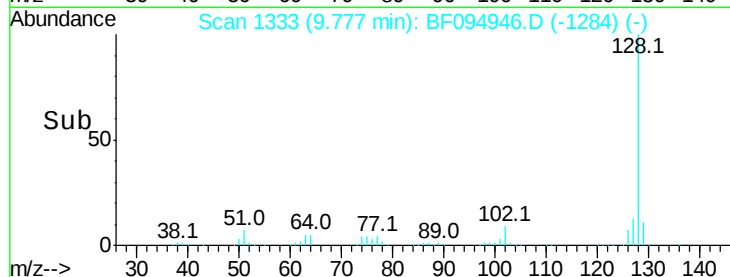
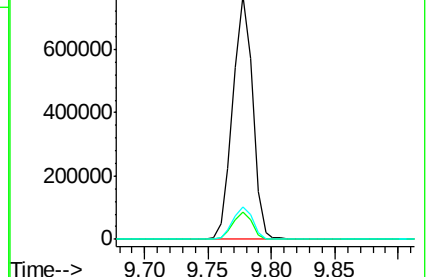
127 13.3 10.8 16.2



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: 42.71 ng

RT: 9.62 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

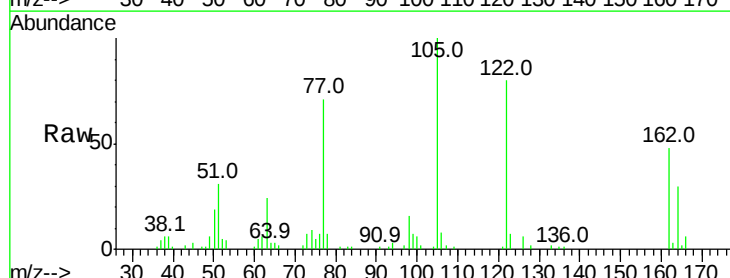
Tgt Ion:122 Resp: 164308

Ion Ratio Lower Upper

122 100

105 124.6 103.3 143.3

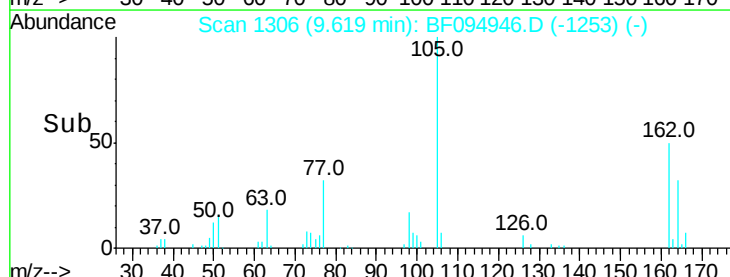
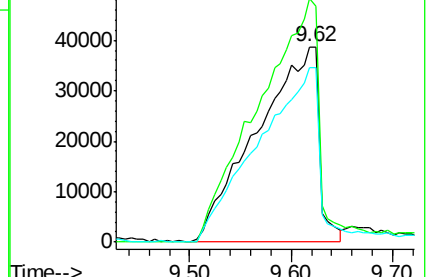
77 89.0 73.7 113.7

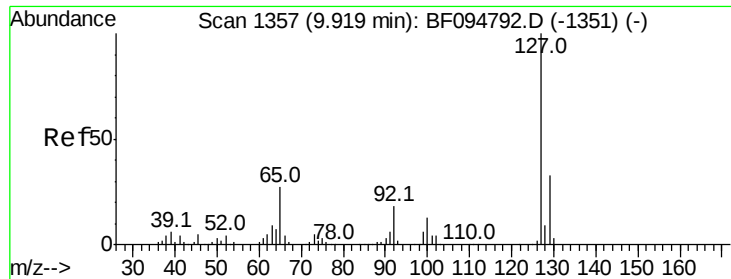


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

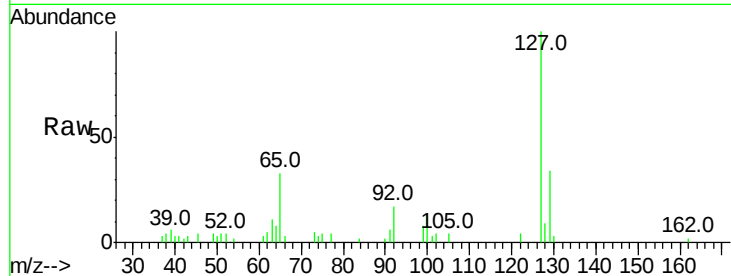




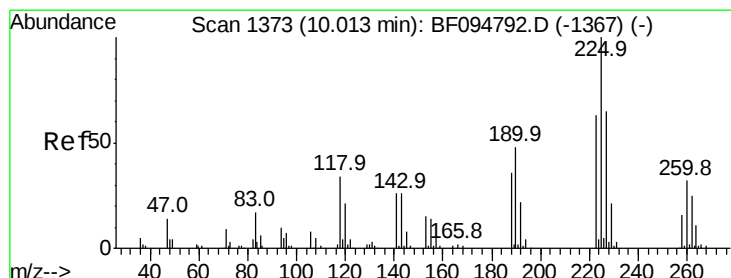
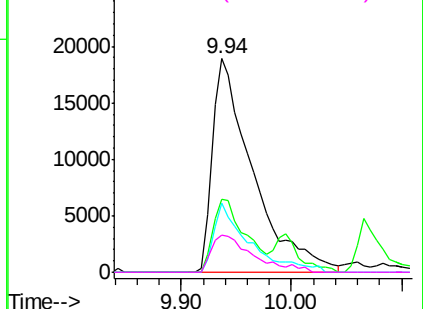
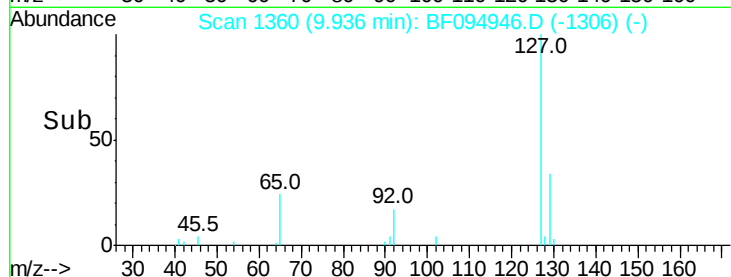
#33
4-Chloroaniline
Concen: 6.24 ng
RT: 9.94 min Scan# 1360
Delta R.T. 0.02 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	47925
Ion	Ratio	Lower	Upper
127	100		
129	34.0	26.2	39.2
65	32.5	27.8	41.8
92	17.2	16.8	25.2

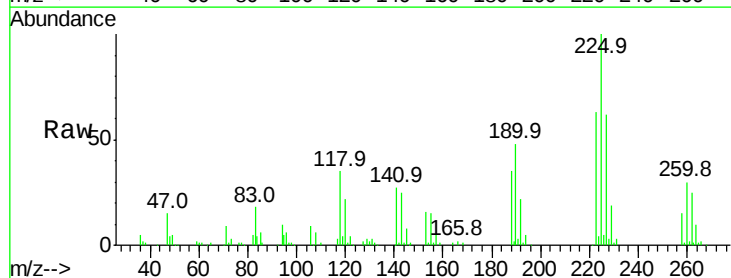


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

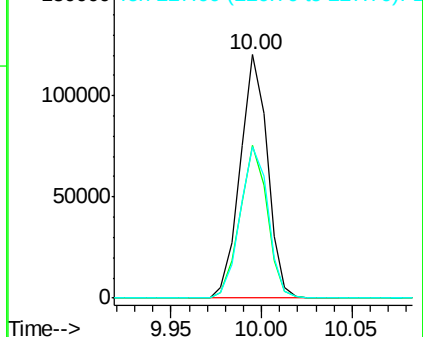
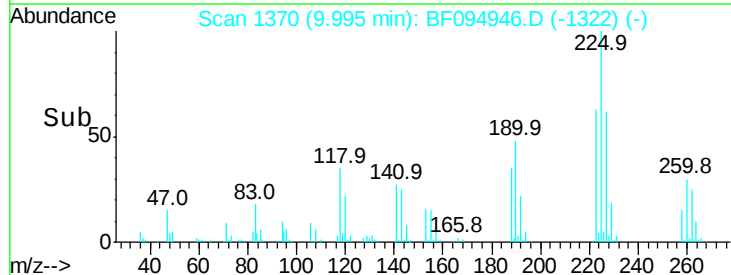


#34
Hexachlorobutadiene
Concen: 39.79 ng
RT: 10.00 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion:	225	Resp:	126291
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.8	73.2
227	62.0	51.1	76.7



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





#35

Caprolactam

Concen: 14.74 ng

RT: 10.61 min Scan# 1474

Delta R.T. 0.07 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampled :

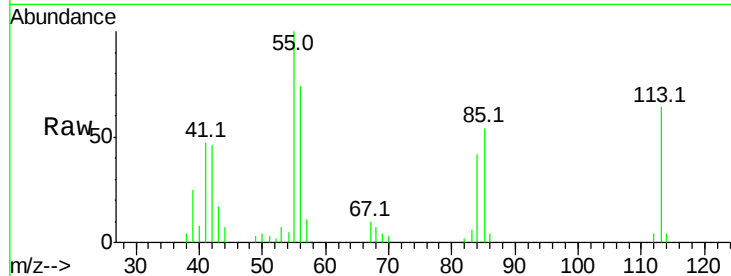
Tot Ion:113 Resp: 24846

Ion Ratio Lower Upper

113 100

55 155.4 150.2 190.2

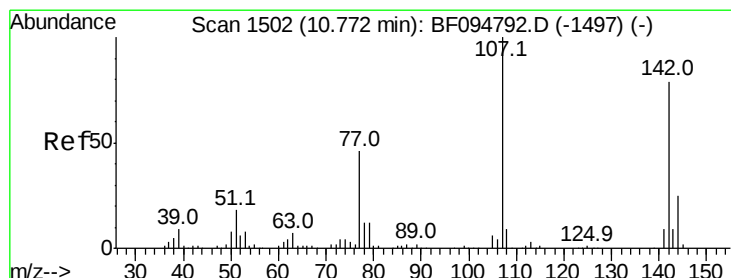
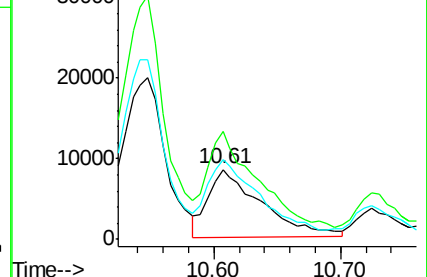
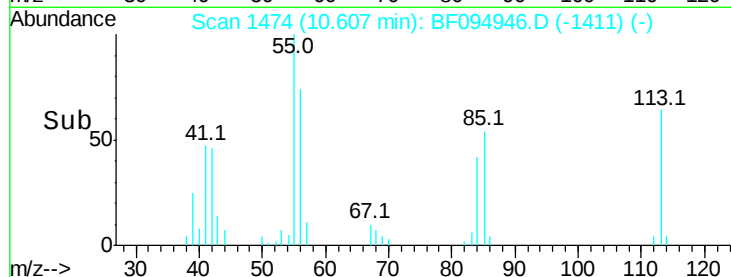
56 114.8 107.8 147.8



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: 46.60 ng

RT: 10.77 min Scan# 1502

Delta R.T. 0.00 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

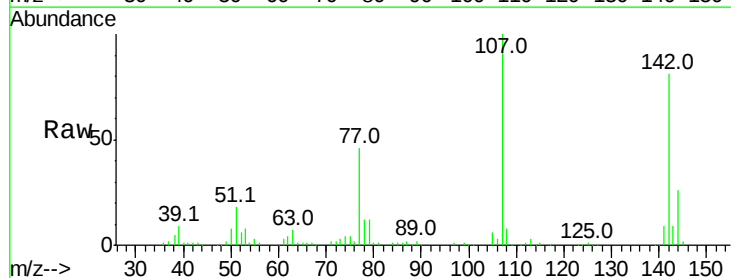
Tgt Ion:107 Resp: 279726

Ion Ratio Lower Upper

107 100

144 25.5 24.2 36.4

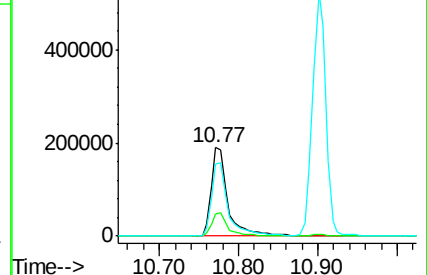
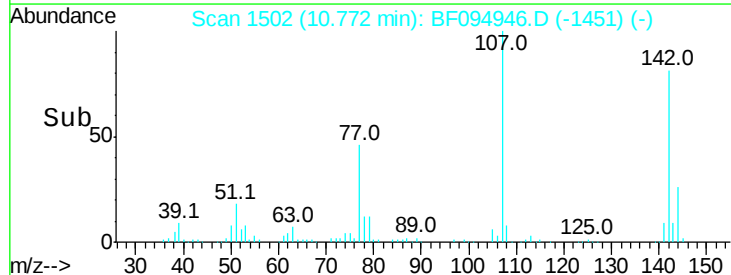
142 81.0 73.4 110.0

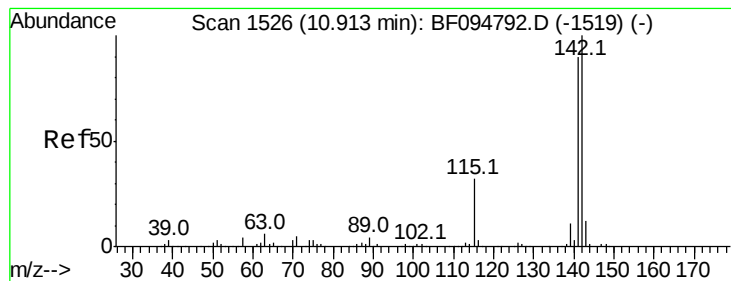


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.04 ng

RT: 10.90 min Scan# 1524

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampleId :

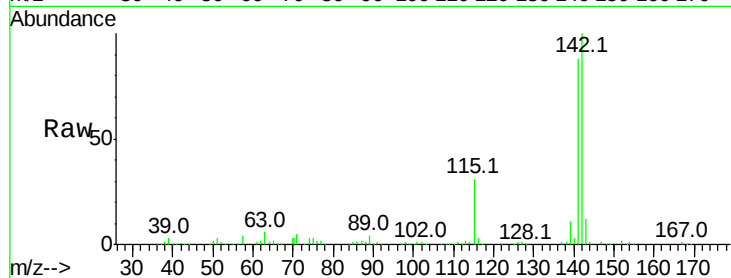
Tot Ion:142 Resp: 609248

Ion Ratio Lower Upper

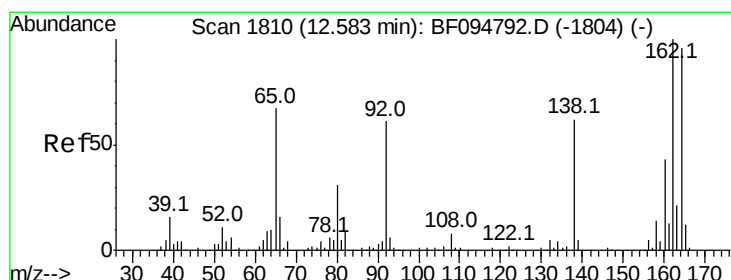
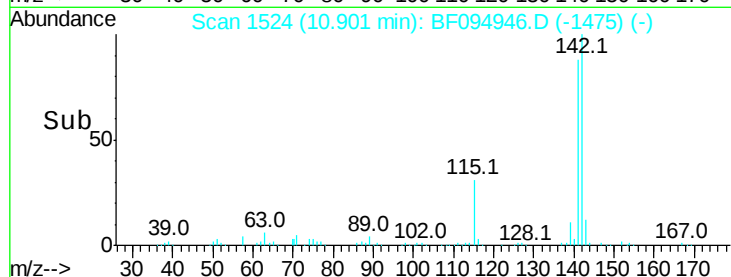
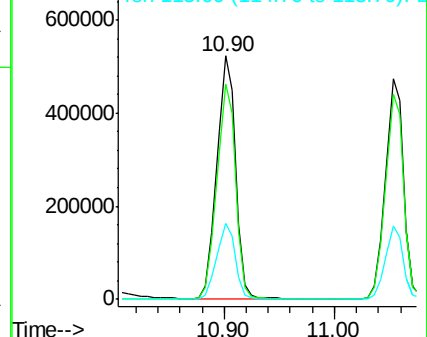
142 100

141 88.4 71.3 106.9

115 31.0 27.1 40.7



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

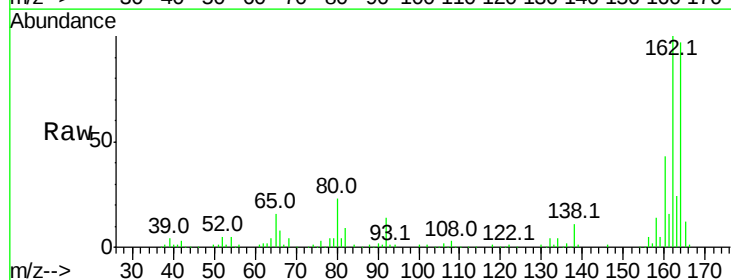
Tgt Ion:164 Resp: 196389

Ion Ratio Lower Upper

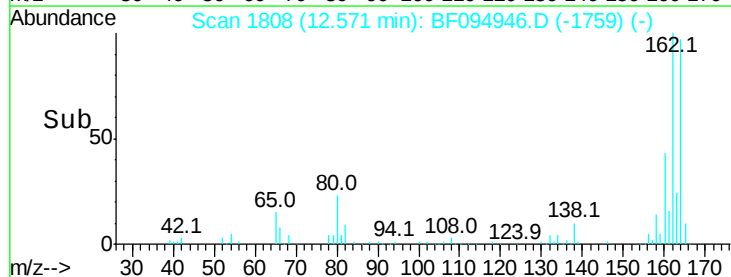
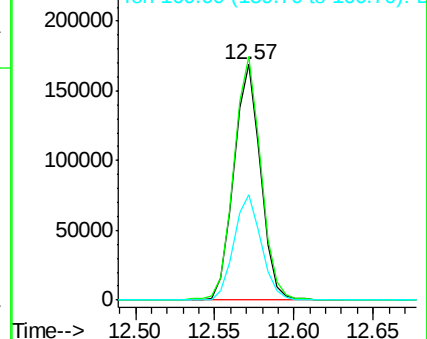
164 100

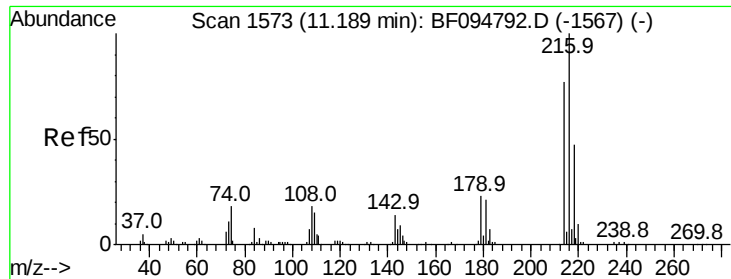
162 103.3 82.6 123.8

160 44.6 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 38.60 ng

RT: 11.18 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

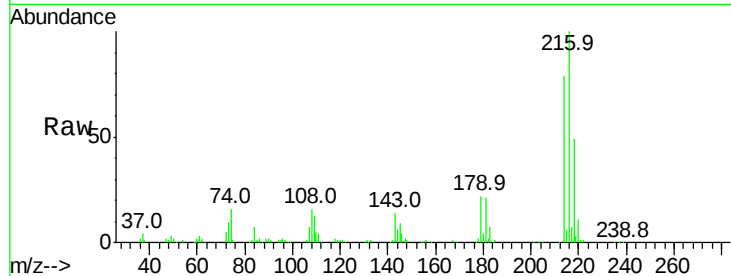
Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 233130

Ion	Ratio	Lower	Upper
216	100		
214	80.7	63.4	95.2
179	21.8	17.9	26.9
108	21.2	16.5	24.7

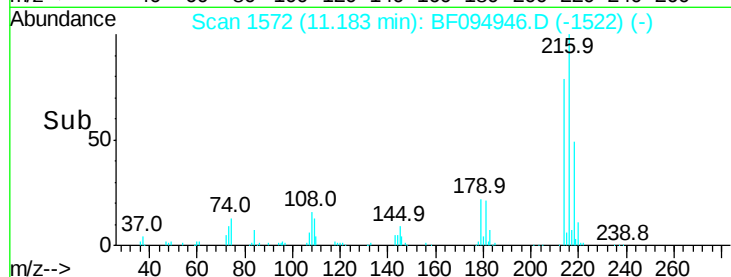


Abundance Ion 216.00 (215.70 to 216.70): E

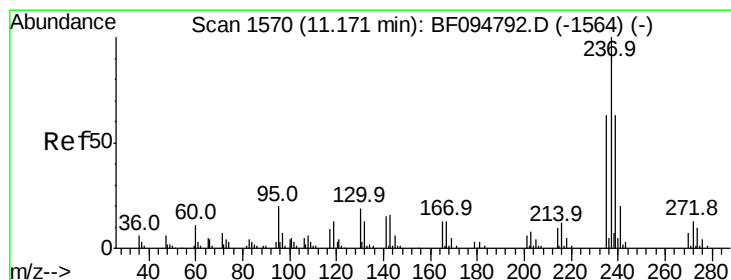
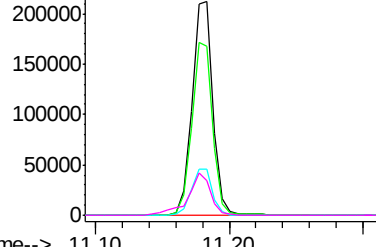
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time--> 11.10 11.20



#40

Hexachlorocyclopentadiene

Concen: 81.40 ng

RT: 11.16 min Scan# 1568

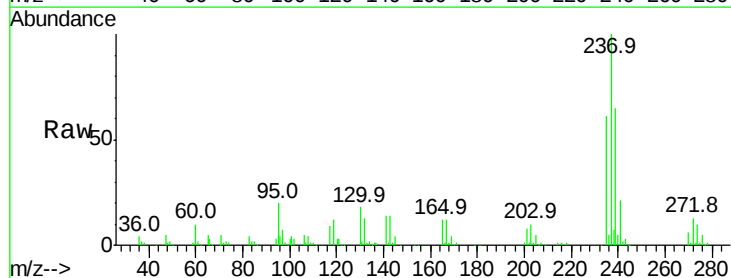
Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Tgt Ion:237 Resp: 206968

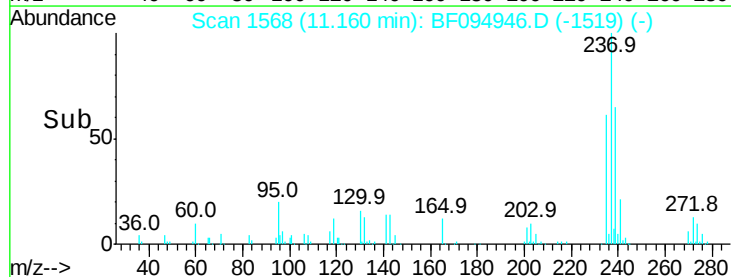
Ion	Ratio	Lower	Upper
237	100		
235	61.4	42.6	82.6
272	12.7	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



Time--> 11.10 11.15 11.20

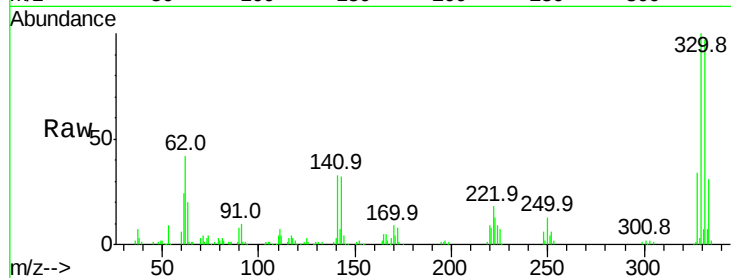




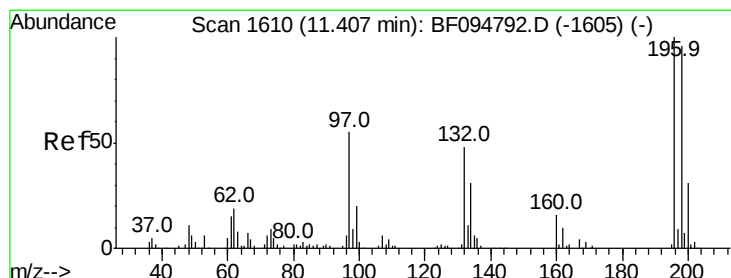
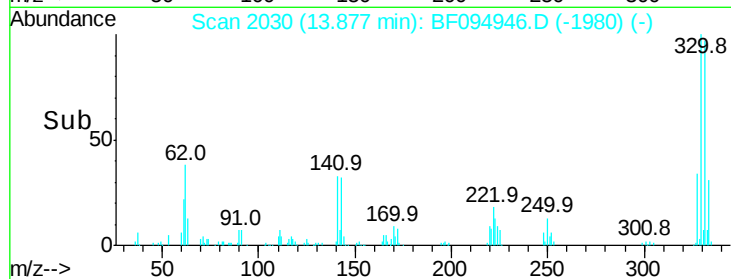
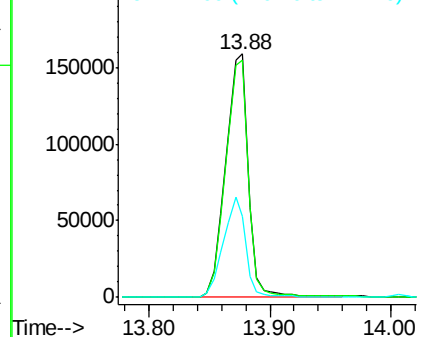
#41
 2,4,6-Tribromophenol
 Concen: 129.04 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	76.6	115.0
141	40.2	31.4	47.2

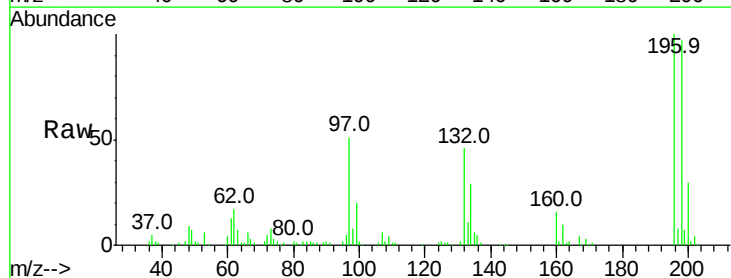


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

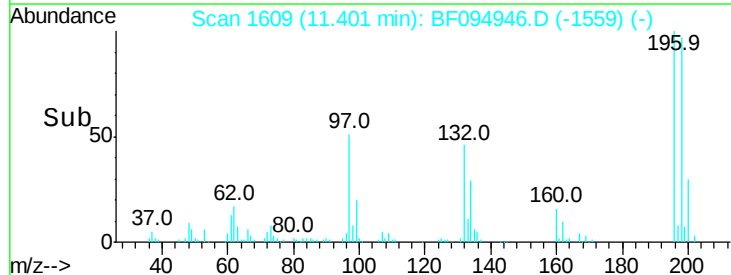
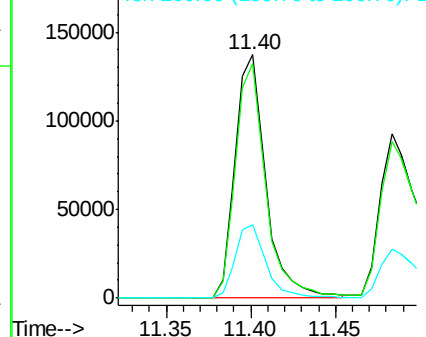


#42
 2,4,6-Trichlorophenol
 Concen: 42.93 ng
 RT: 11.40 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.6	74.2	111.4
200	30.3	24.0	36.0



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

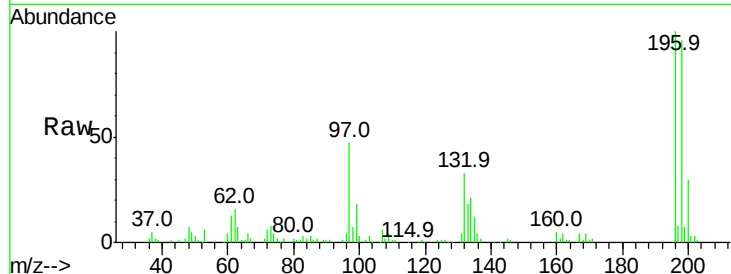




#43
 2,4,5-Trichlorophenol
 Concen: 40.82 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. 0.00 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.6	75.7	113.5
97	47.5	47.7	71.5#
132	32.6	28.0	42.0



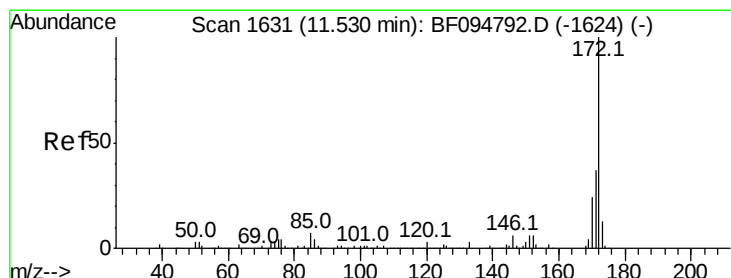
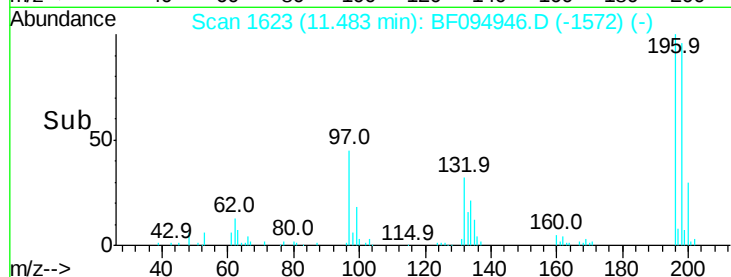
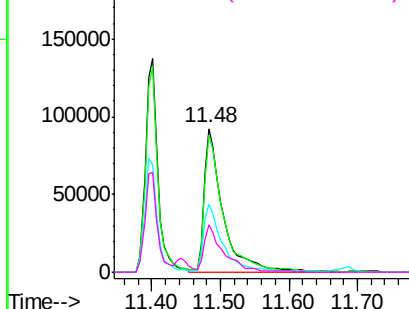
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

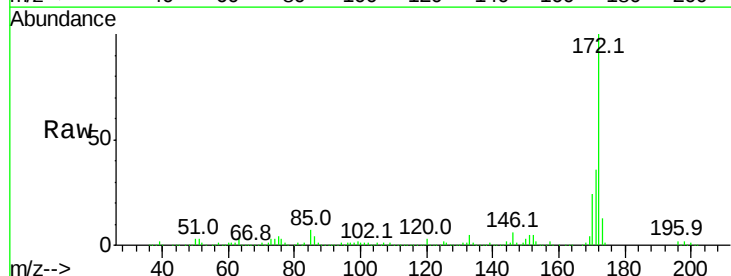
Ion 97.00 (96.70 to 97.70): BF0

Ion 132.00 (131.70 to 132.70): E



#44
 2-Fluorobiphenyl
 Concen: 82.35 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.6	44.4
170	23.5	19.8	29.8

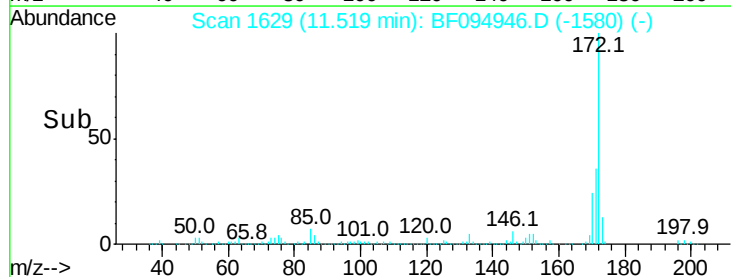
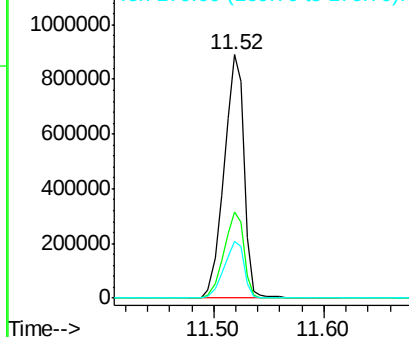


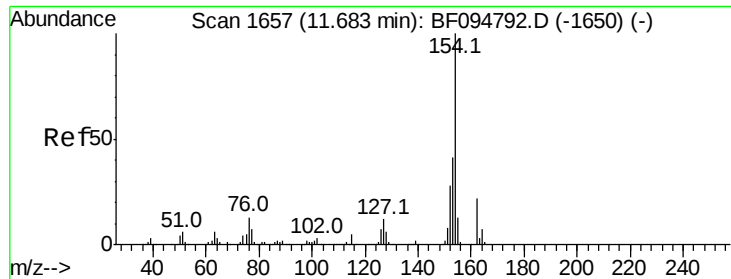
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

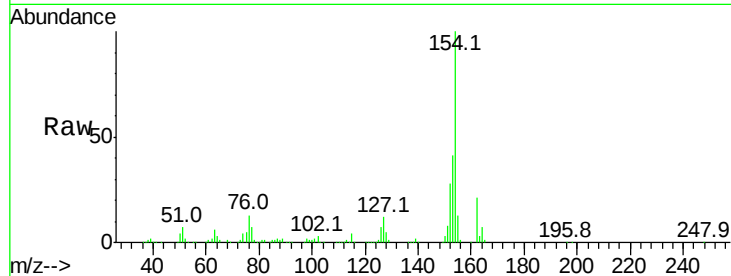




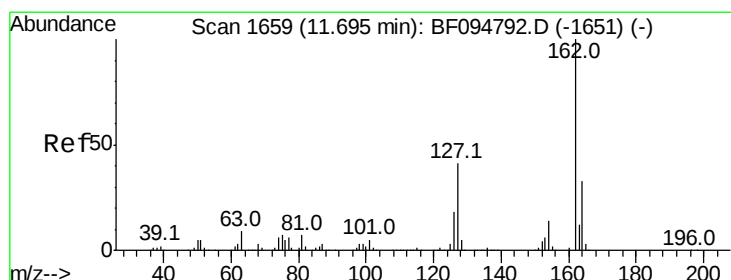
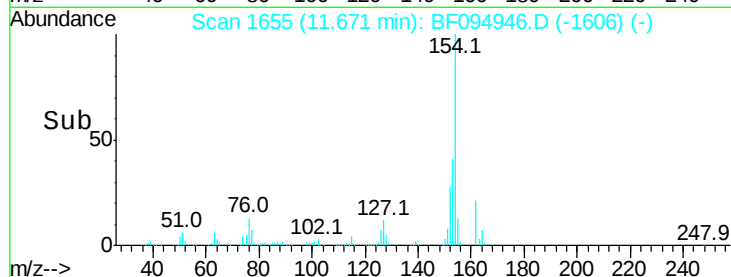
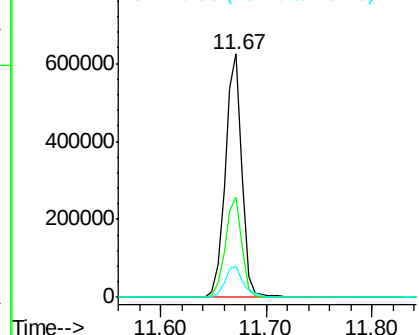
#45
 1,1'-Biphenyl
 Concen: 41.31 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.2	21.2	61.2
76	12.6	0.0	29.9

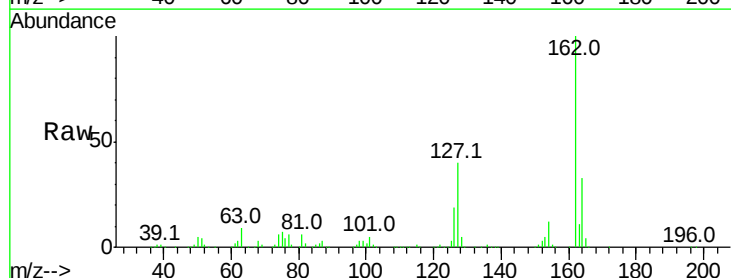


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

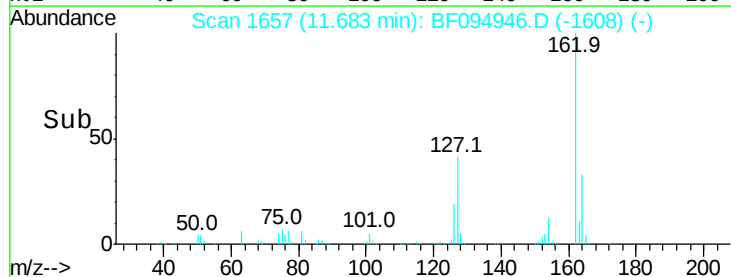
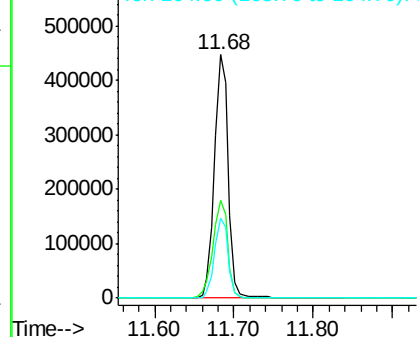


#46
 2-Chloronaphthalene
 Concen: 40.53 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	28.3	42.5
164	32.7	27.0	40.4



Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

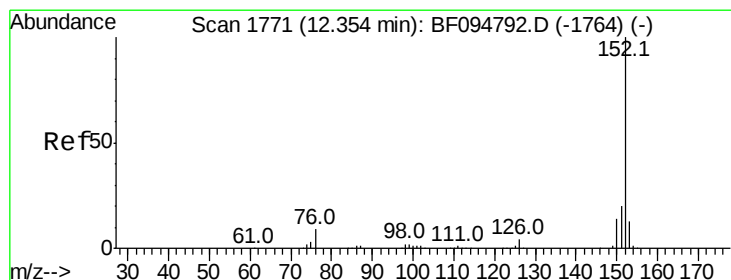
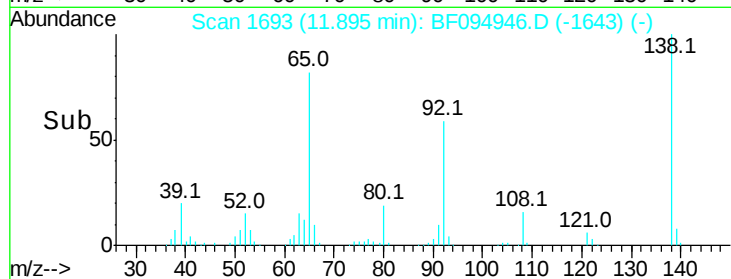
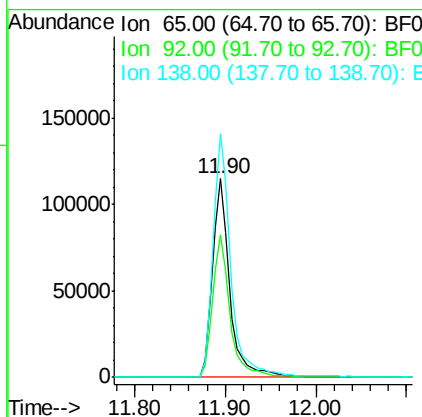
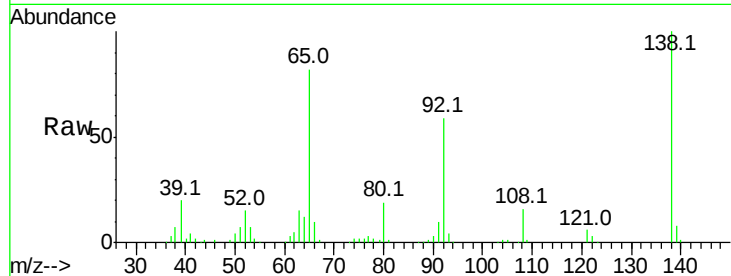




#47
 2-Nitroaniline
 Concen: 42.11 ng
 RT: 11.90 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

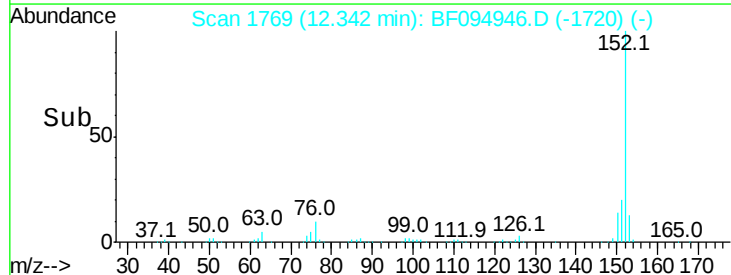
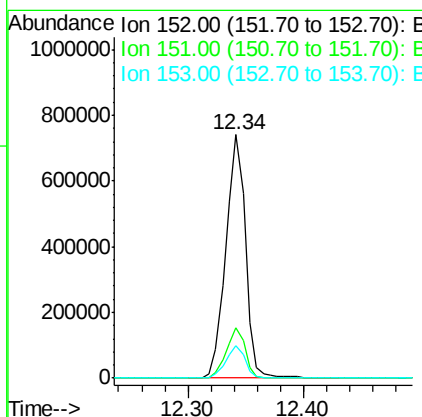
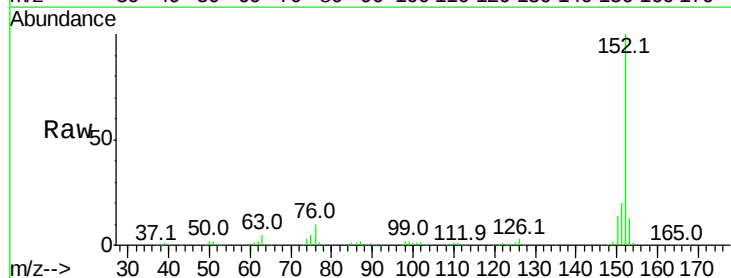
Instrument :
 BNA_F
 ClientSampleId :

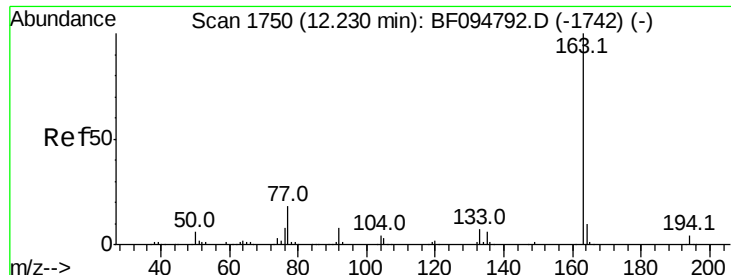
Tot Ion: 65 Resp: 153880
 Ion Ratio Lower Upper
 65 100
 92 72.1 53.9 80.9
 138 122.6 78.8 118.2#



#48
 Acenaphthylene
 Concen: 41.63 ng
 RT: 12.34 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion: 152 Resp: 870575
 Ion Ratio Lower Upper
 152 100
 151 20.4 16.8 25.2
 153 13.1 10.8 16.2





#49

Dimethylphthalate

Concen: 40.23 ng

RT: 12.22 min Scan# 1748

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampleId :

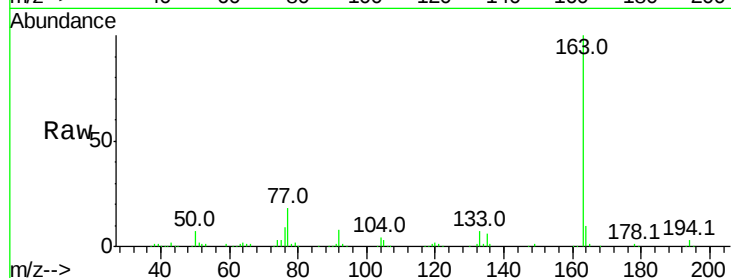
Tot Ion:163 Resp: 648643

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

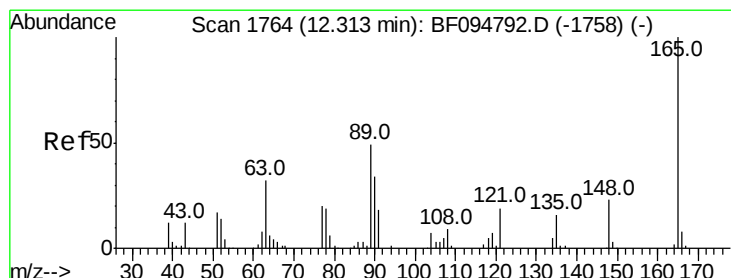
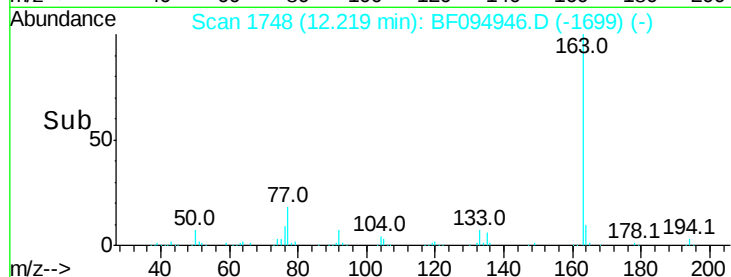
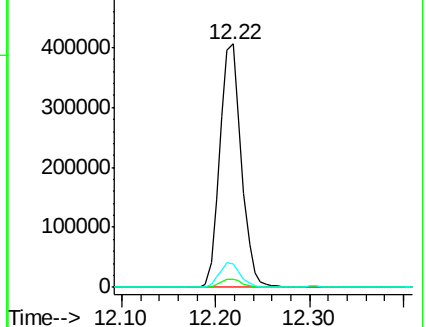
164 9.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.08 ng

RT: 12.31 min Scan# 1763

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

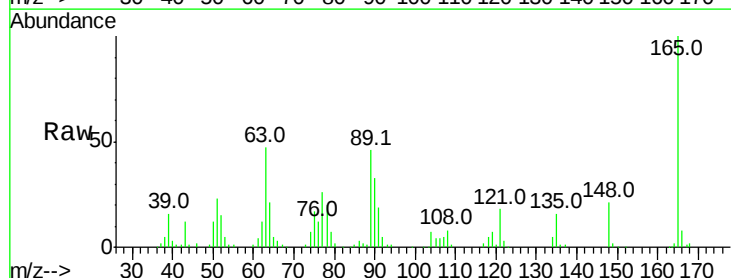
Tgt Ion:165 Resp: 144992

Ion Ratio Lower Upper

165 100

63 47.5 34.3 51.5

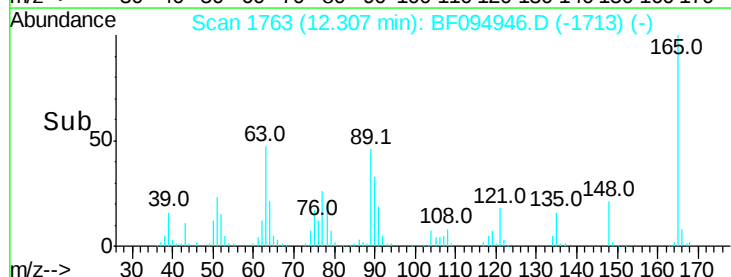
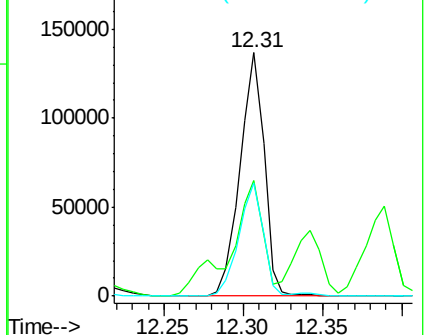
89 46.2 37.1 55.7

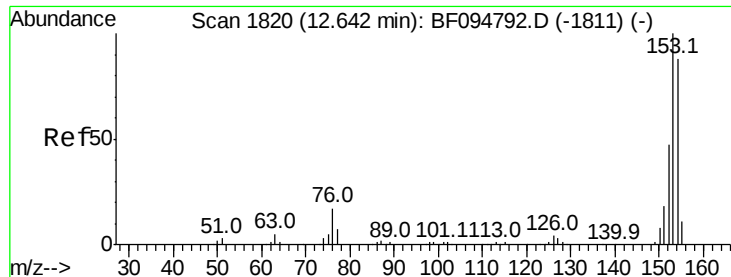


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 40.82 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampleId :

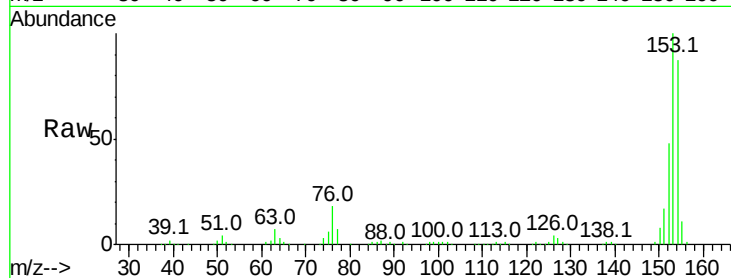
Tot Ion:154 Resp: 509887

Ion Ratio Lower Upper

154 100

153 115.1 90.5 135.7

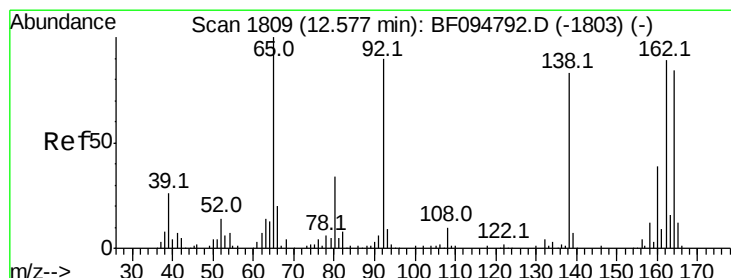
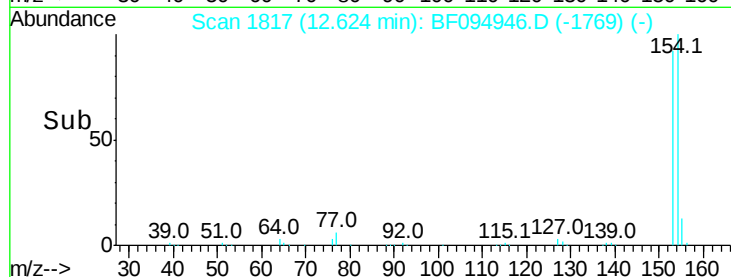
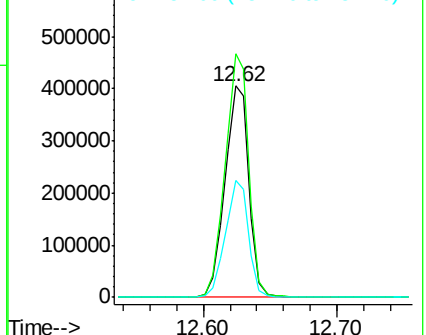
152 55.0 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 16.63 ng

RT: 12.58 min Scan# 1809

Delta R.T. 0.00 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

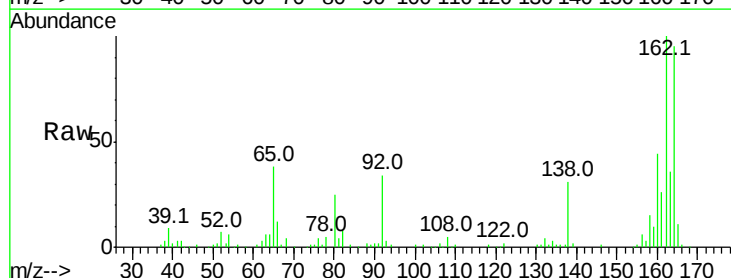
Tgt Ion:138 Resp: 58720

Ion Ratio Lower Upper

138 100

108 16.0 9.1 13.7#

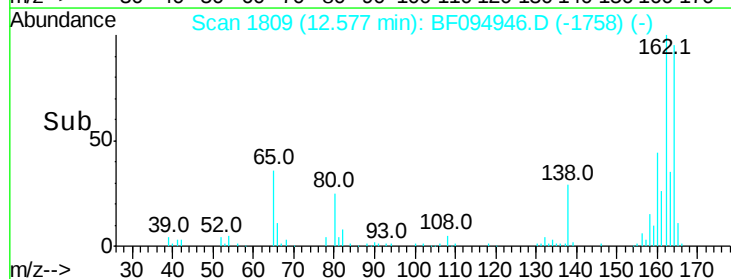
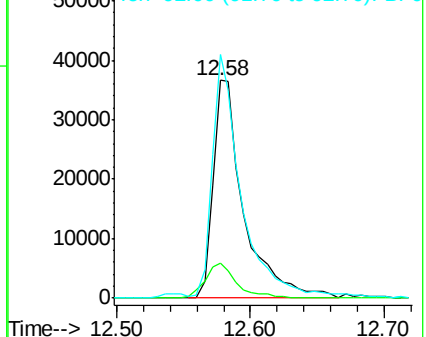
92 111.8 93.8 140.6

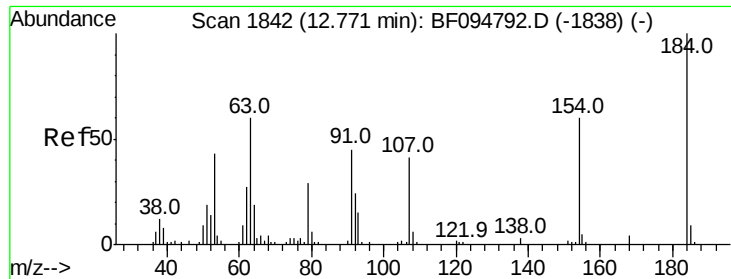


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

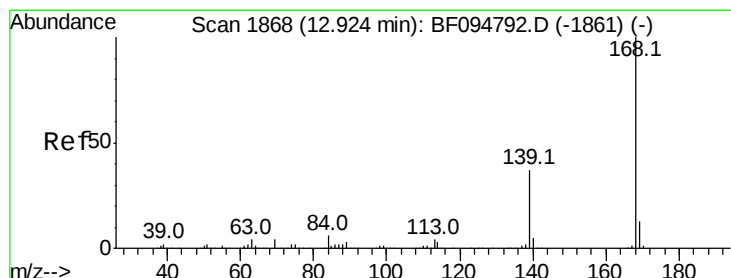
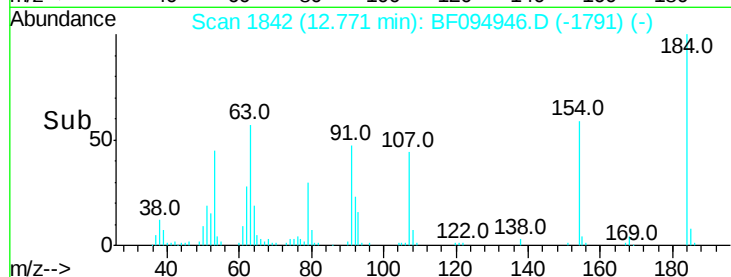
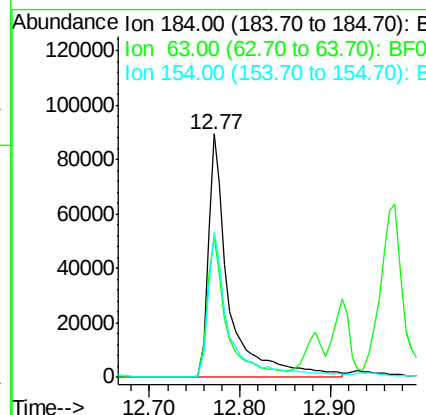
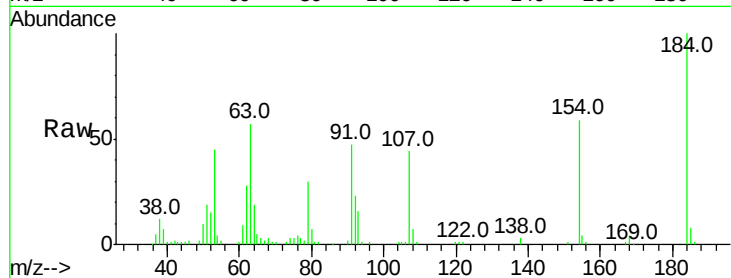




#53
 2,4-Dinitrophenol
 Concen: 79.29 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

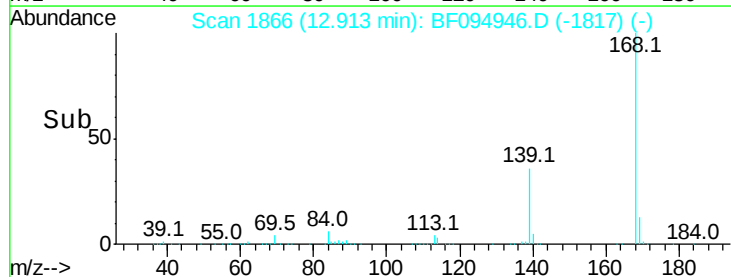
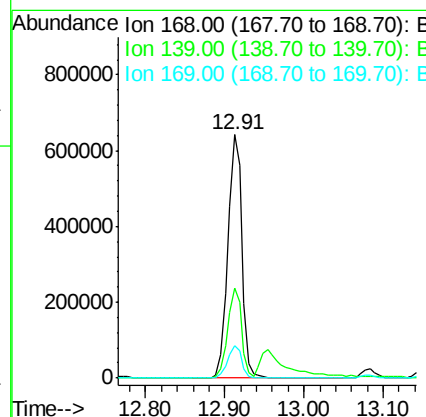
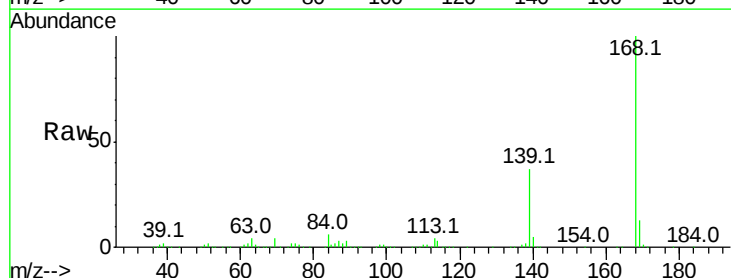
Instrument :
 BNA_F
 ClientSampled :

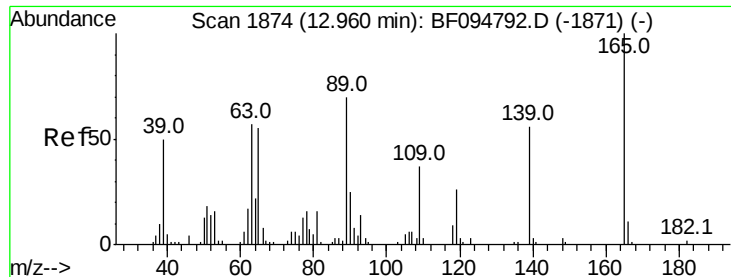
Tot Ion:184 Resp: 143527
 Ion Ratio Lower Upper
 184 100
 63 57.4 62.7 94.1#
 154 59.4 81.1 121.7#



#54
 Dibenzofuran
 Concen: 45.53 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion:168 Resp: 786928
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.6 45.8
 169 13.4 10.8 16.2

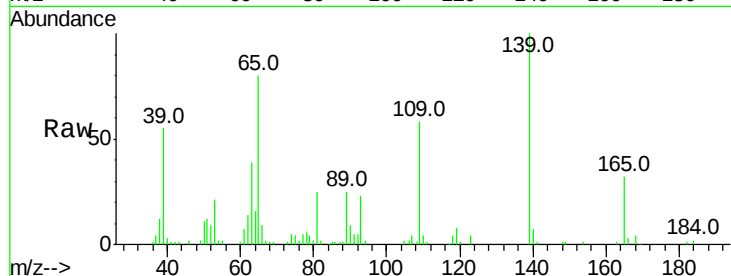




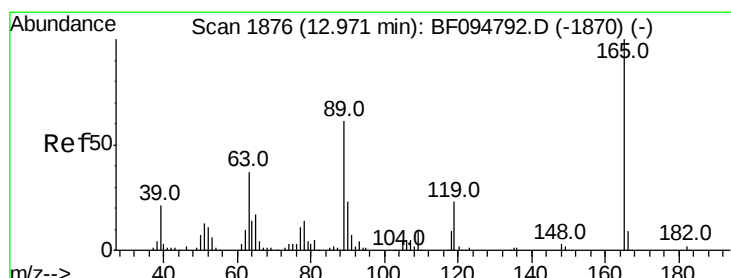
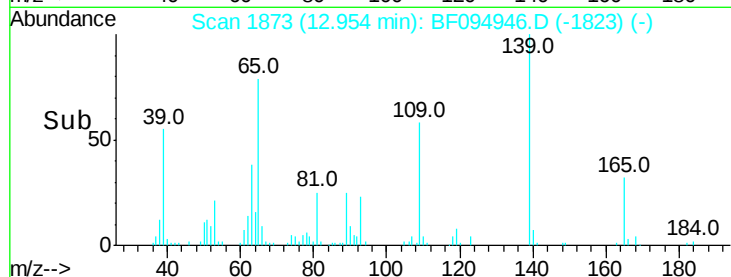
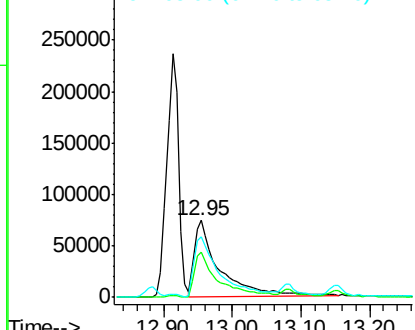
#55
4-Nitrophenol
Concen: 88.89 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:139 Resp: 188476
Ion Ratio Lower Upper
139 100
109 58.3 34.1 74.1
65 79.6 31.4 71.4#

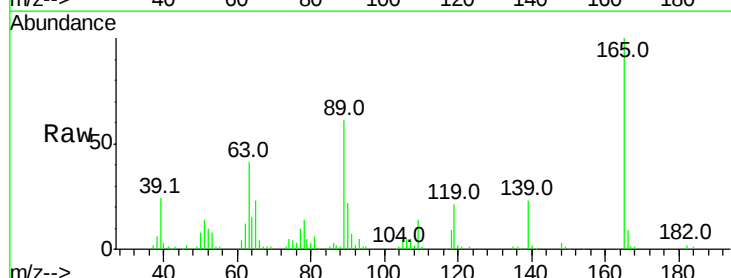


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

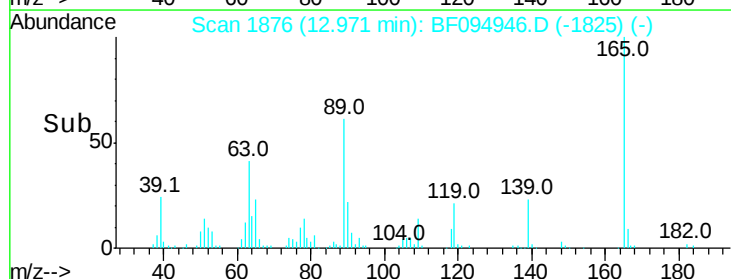
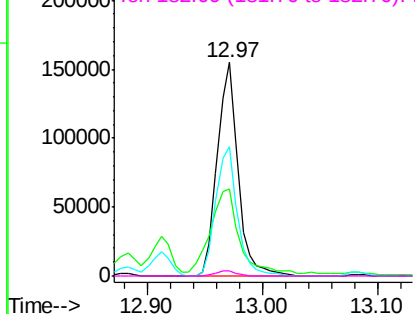


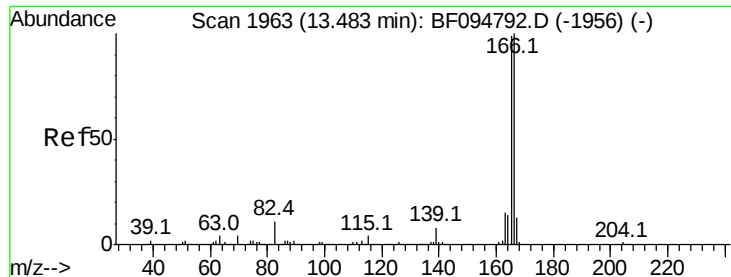
#56
2,4-Dinitrotoluene
Concen: 46.06 ng
RT: 12.97 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion:165 Resp: 194665
Ion Ratio Lower Upper
165 100
63 40.9 25.4 38.0#
89 60.8 46.4 69.6
182 2.4 1.8 2.6



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





#57

Fluorene

Concen: 41.57 ng

RT: 13.47 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampleId :

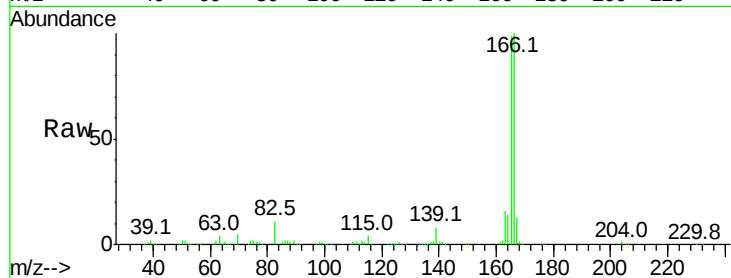
Tot Ion:166 Resp: 624845

Ion Ratio Lower Upper

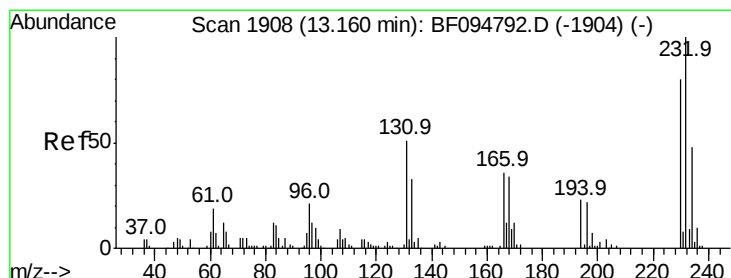
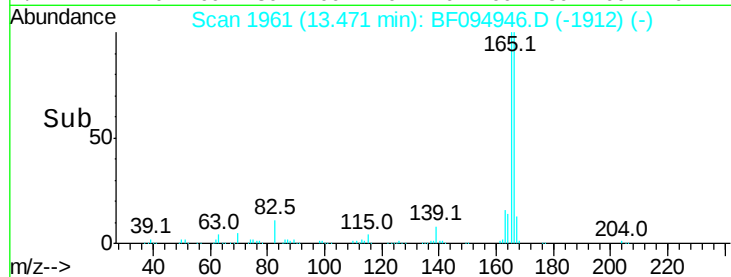
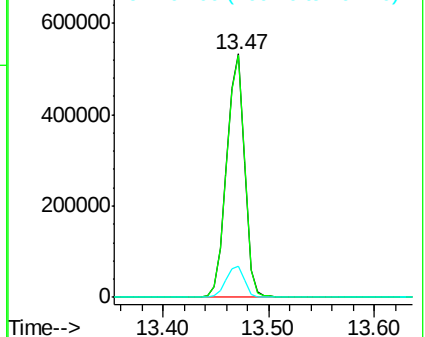
166 100

165 99.4 78.8 118.2

167 13.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 50.44 ng

RT: 13.15 min Scan# 1907

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Tgt Ion:232 Resp: 137569

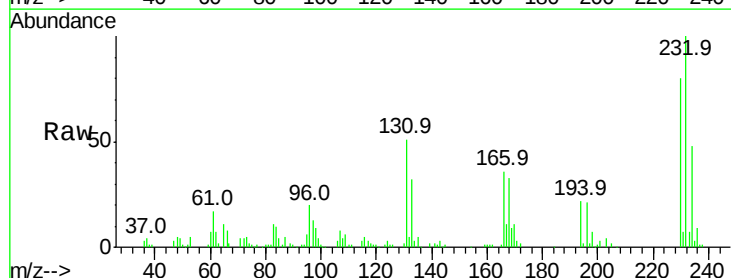
Ion Ratio Lower Upper

232 100

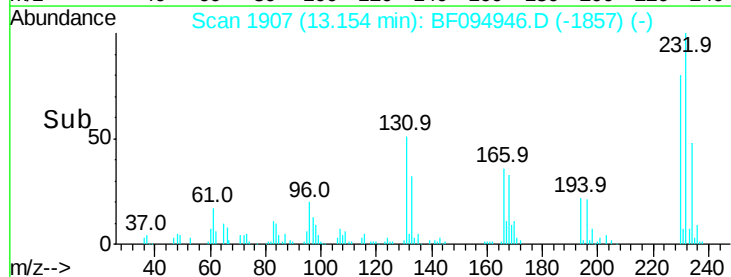
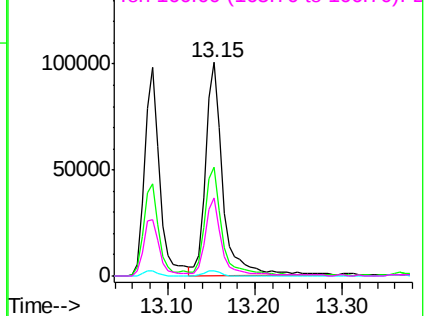
131 49.3 44.8 67.2

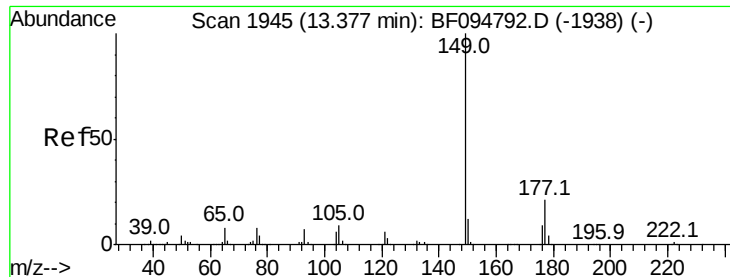
130 2.2 2.3 3.5#

166 34.0 29.0 43.4



Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

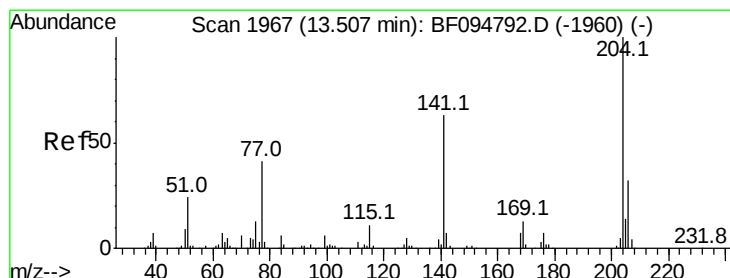
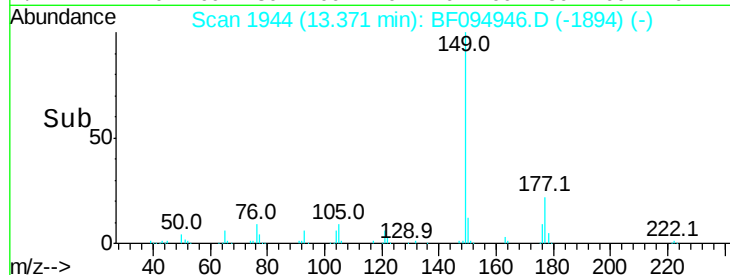
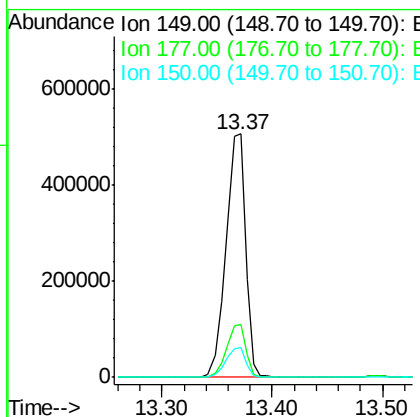
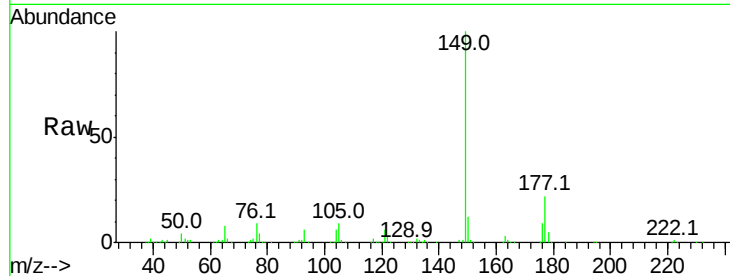




#59
Diethylphthalate
Concen: 41.20 ng
RT: 13.37 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

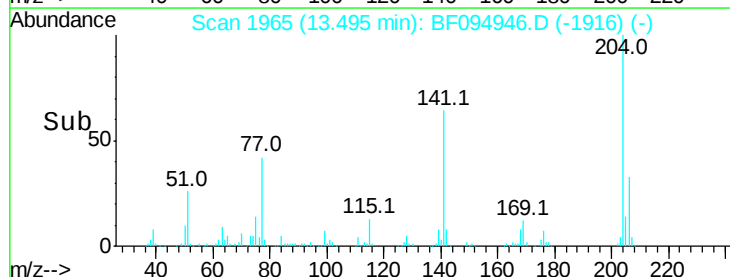
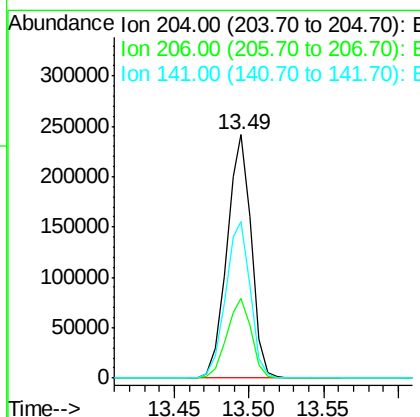
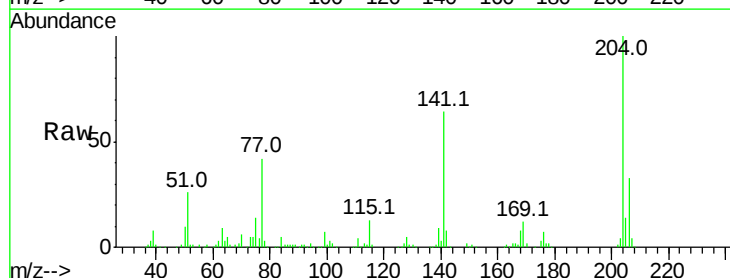
Instrument :
BNA_F
ClientSampleId :

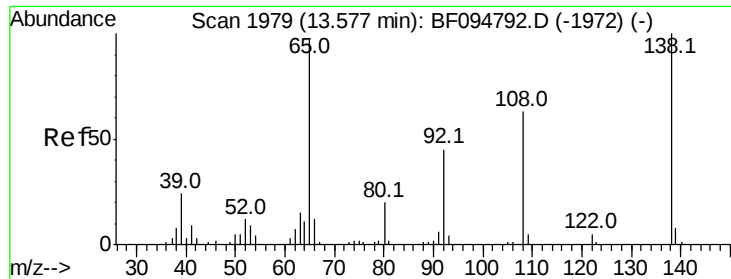
Tot Ion:149 Resp: 636692
Ion Ratio Lower Upper
149 100
177 21.6 16.7 25.1
150 12.4 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 41.89 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion:204 Resp: 276668
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 64.2 60.8 91.2

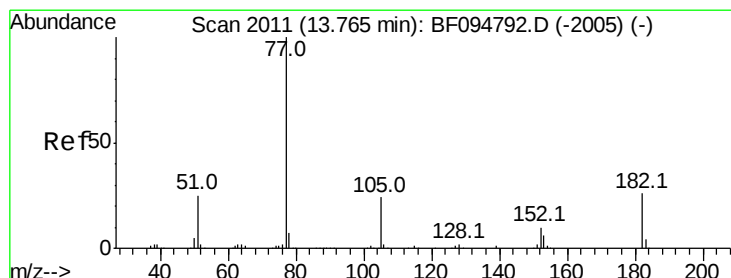
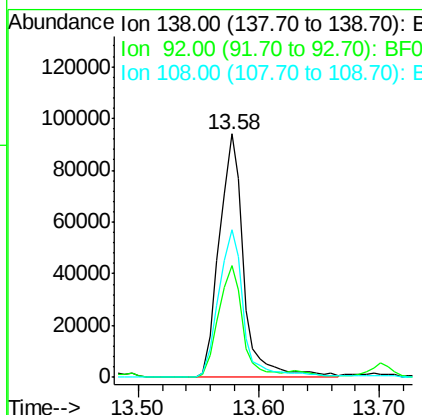
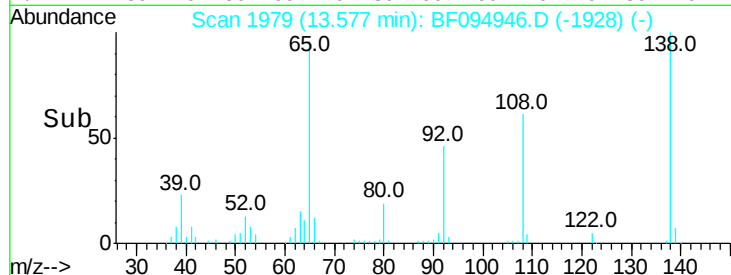
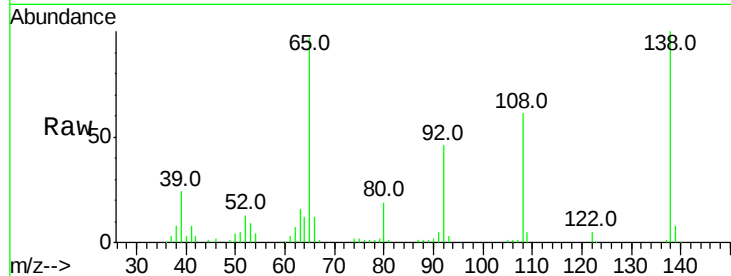




#61
 4-Nitroaniline
 Concen: 40.81 ng
 RT: 13.58 min Scan# 1979
 Delta R.T. 0.00 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

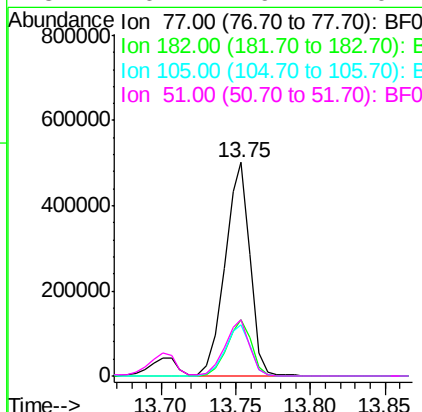
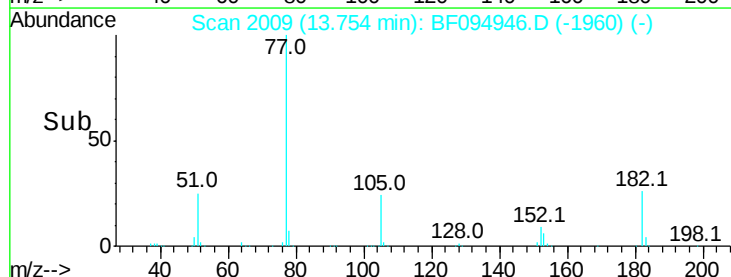
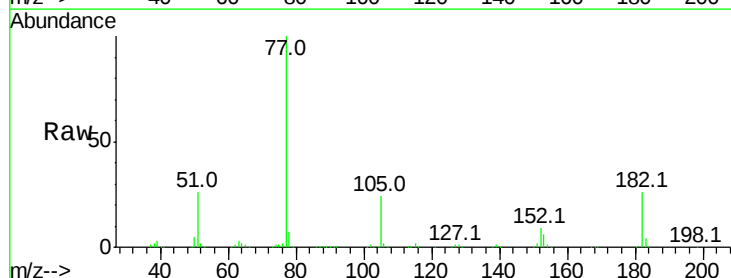
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 132252
 Ion Ratio Lower Upper
 138 100
 92 45.9 21.8 61.8
 108 60.9 42.3 82.3



#62
 Azobenzene
 Concen: 47.26 ng
 RT: 13.75 min Scan# 2009
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion: 77 Resp: 586836
 Ion Ratio Lower Upper
 77 100
 182 26.3 0.1 40.1
 105 24.2 3.6 43.6
 51 26.2 9.4 49.4

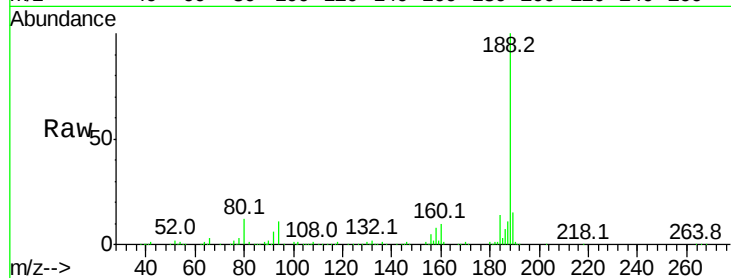




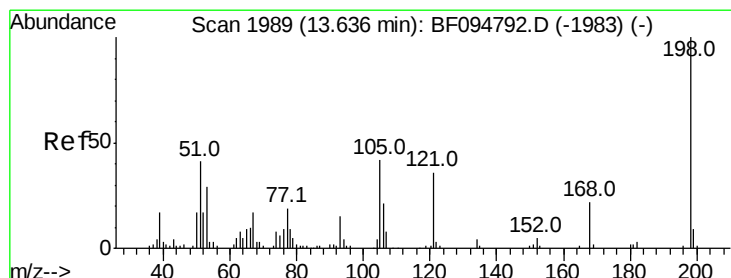
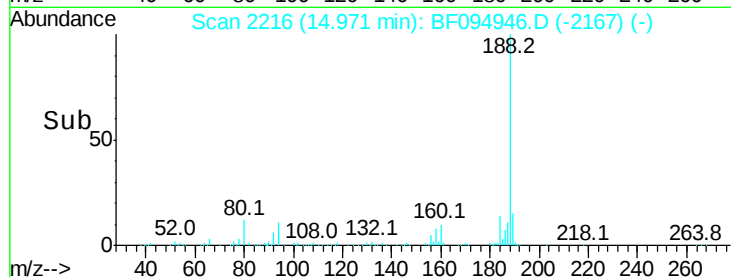
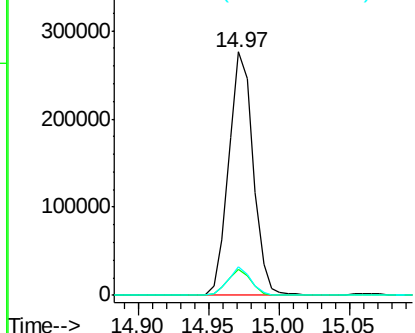
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 333261
 Ion Ratio Lower Upper
 188 100
 94 10.8 9.4 14.2
 80 11.6 10.2 15.2

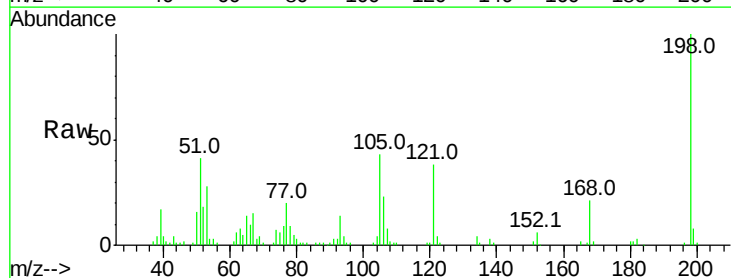


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

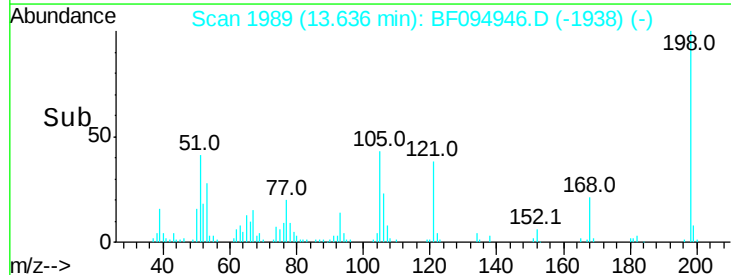
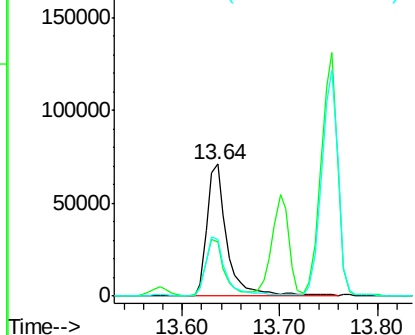


#64
 4,6-Dinitro-2-methylphenol
 Concen: 45.59 ng
 RT: 13.64 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion:198 Resp: 101856
 Ion Ratio Lower Upper
 198 100
 51 40.6 53.2 93.2#
 105 42.7 45.8 85.8#



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





#65

n-Nitrosodiphenylamine

Concen: 44.06 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampleId :

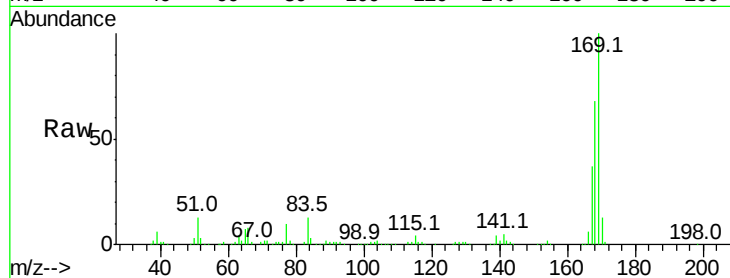
Tot Ion:169 Resp: 532943

Ion Ratio Lower Upper

169 100

168 68.1 53.2 79.8

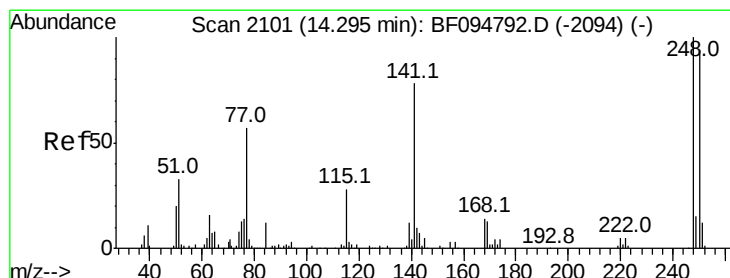
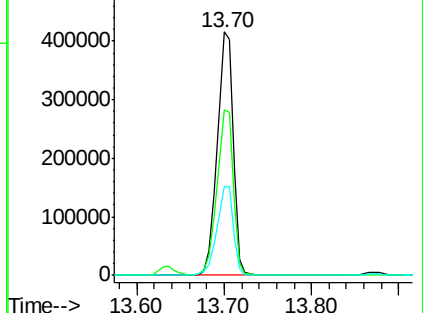
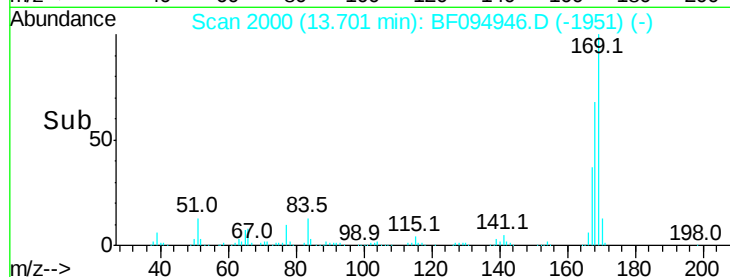
167 36.6 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.91 ng

RT: 14.28 min Scan# 2098

Delta R.T. -0.02 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

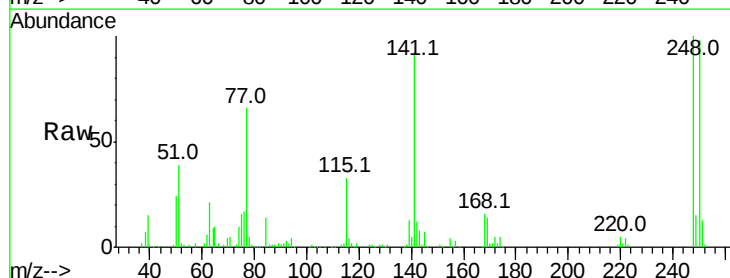
Tgt Ion:248 Resp: 158123

Ion Ratio Lower Upper

248 100

250 98.4 76.8 115.2

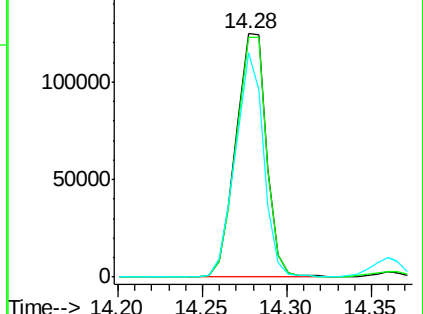
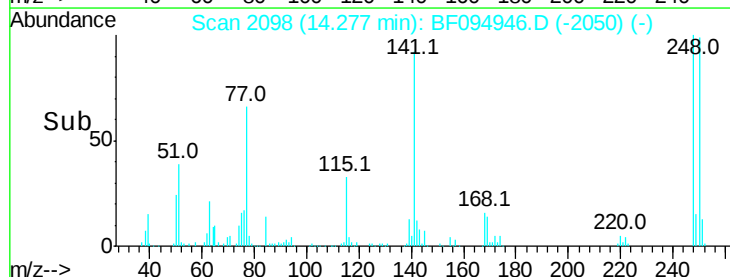
141 92.0 68.6 103.0



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

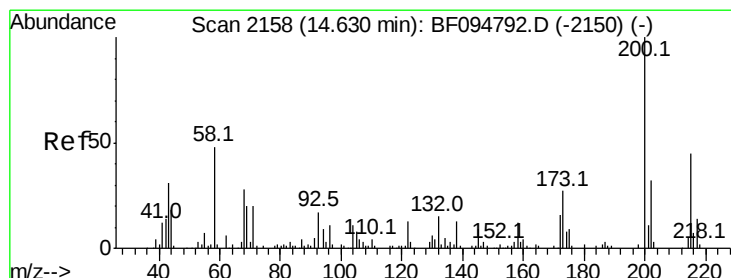
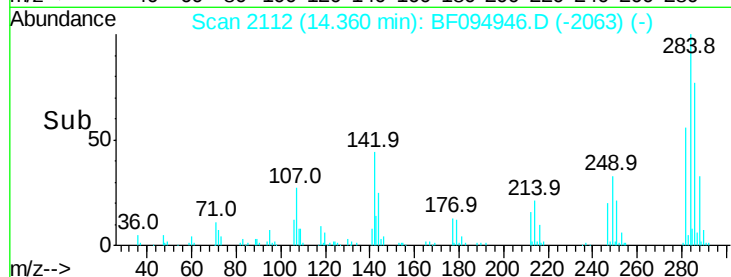
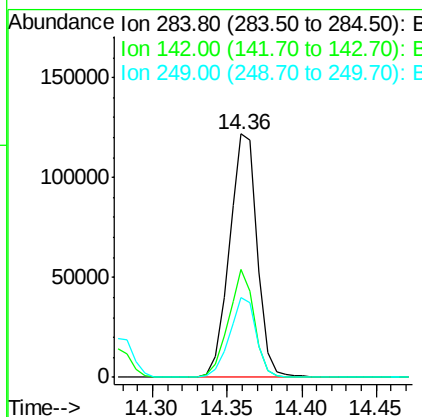
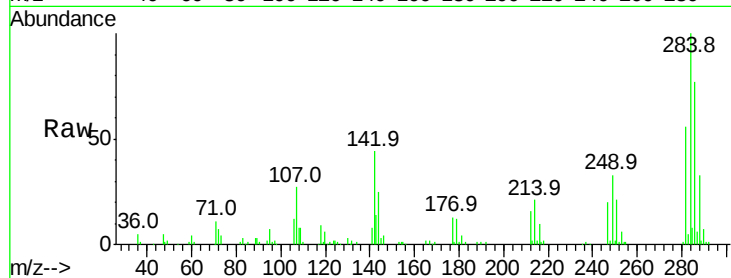




#67
Hexachlorobenzene
Concen: 43.93 ng
RT: 14.36 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

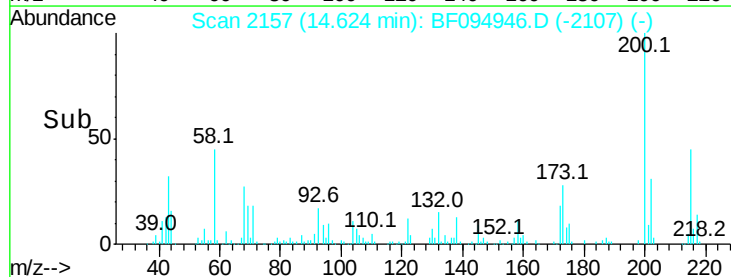
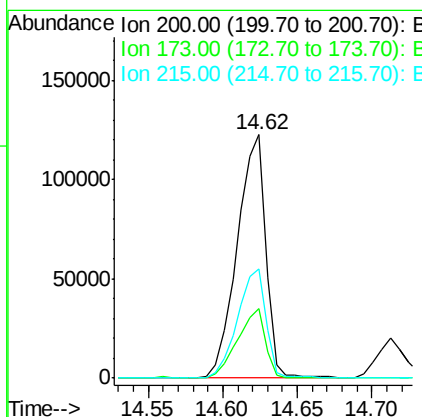
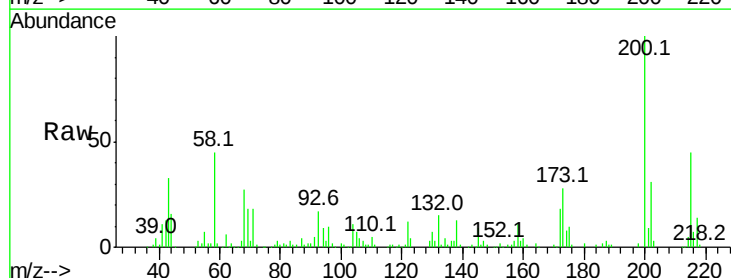
Instrument :
BNA_F
ClientSampleId :

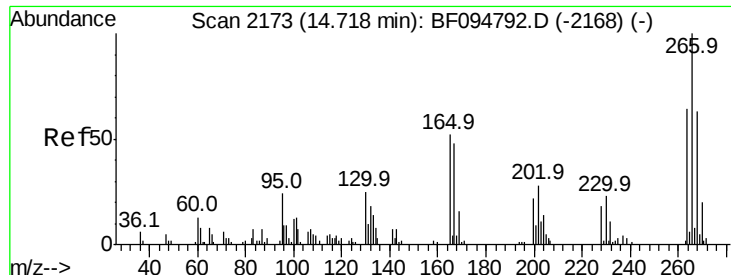
Tot Ion:284 Resp: 158531
Ion Ratio Lower Upper
284 100
142 44.1 22.8 34.2#
249 33.0 24.0 36.0



#68
Atrazine
Concen: 47.89 ng
RT: 14.62 min Scan# 2157
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion:200 Resp: 163532
Ion Ratio Lower Upper
200 100
173 28.4 6.3 46.3
215 45.0 27.2 67.2

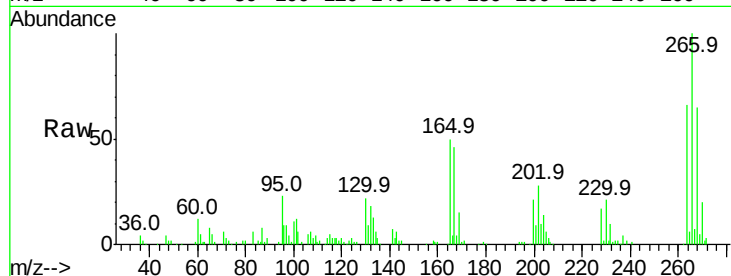




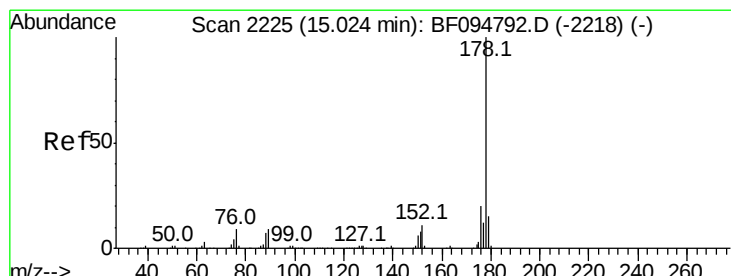
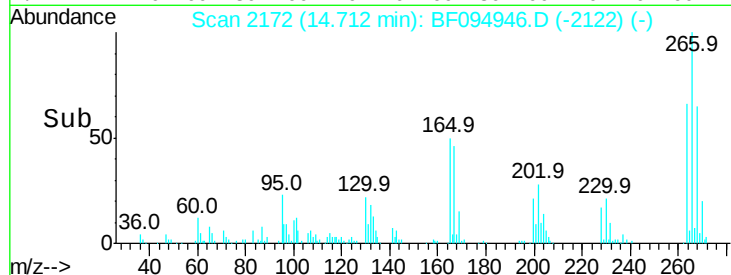
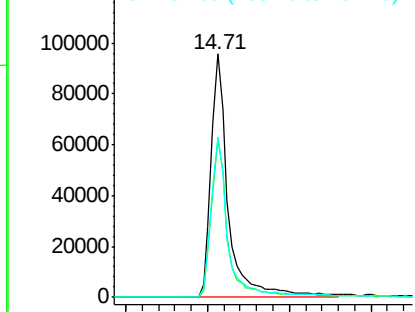
#69
 Pentachlorophenol
 Concen: 86.57 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	64.9	51.1	76.7
264	65.6	51.7	77.5

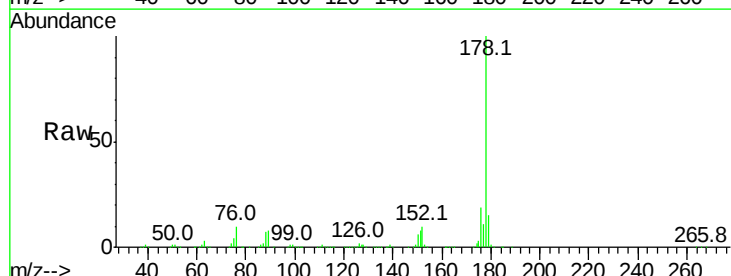


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

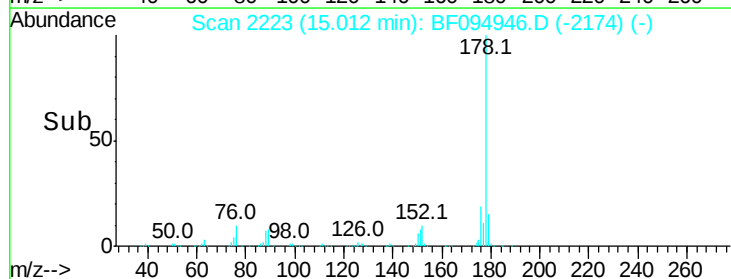
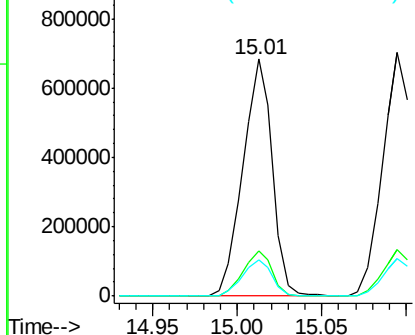


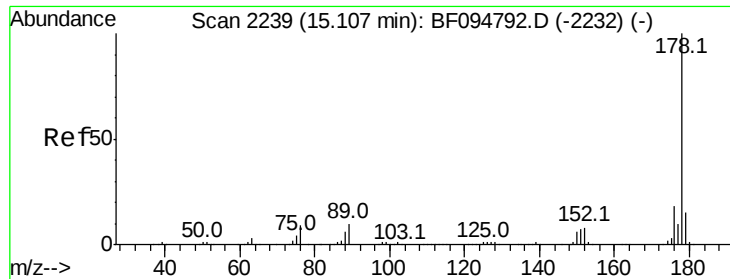
#70
 Phenanthrene
 Concen: 43.29 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	16.2	24.4
179	15.2	12.6	19.0



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

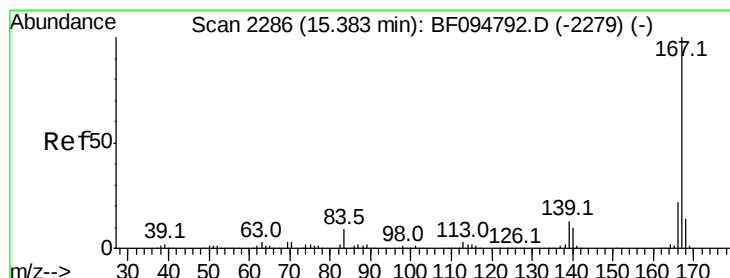
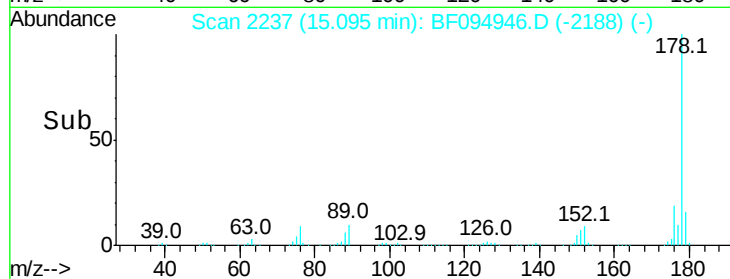
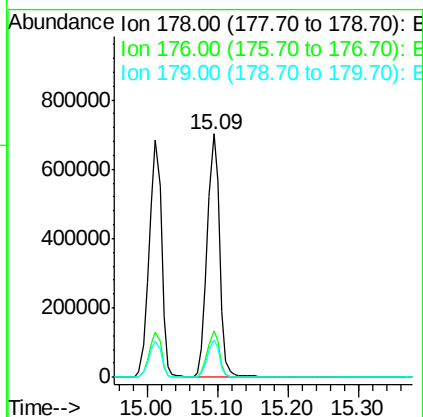
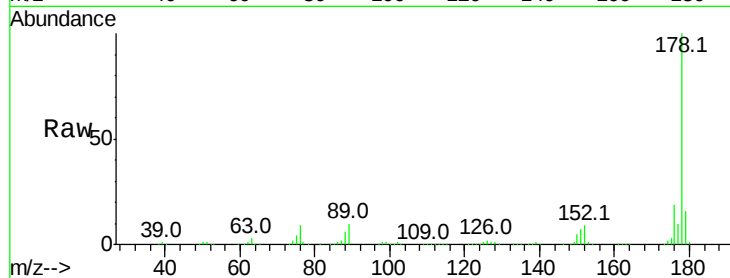




#71
 Anthracene
 Concen: 44.48 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

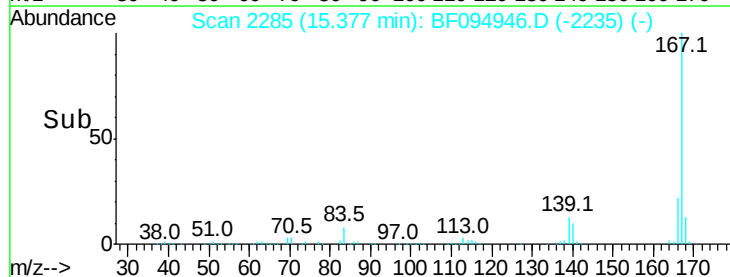
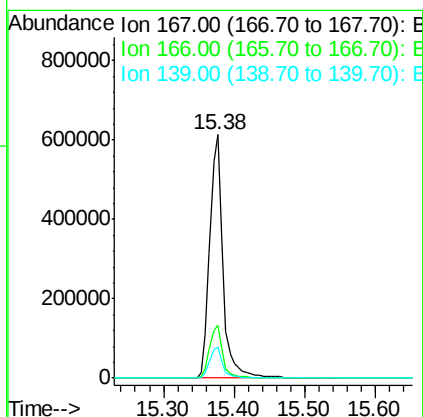
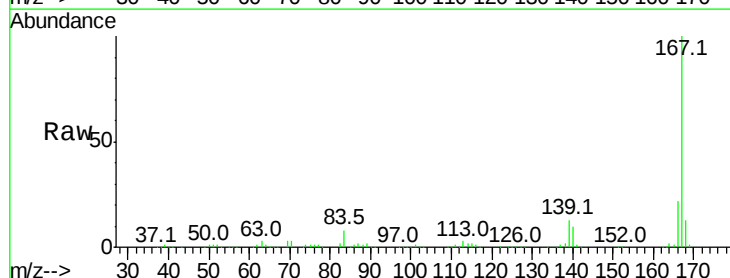
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 869921
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 45.29 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion:167 Resp: 805949
 Ion Ratio Lower Upper
 167 100
 166 21.8 18.1 27.1
 139 13.0 11.7 17.5

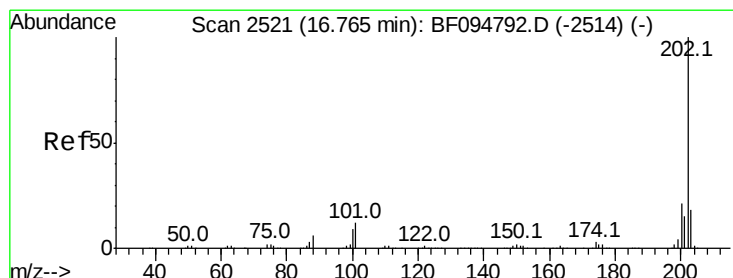
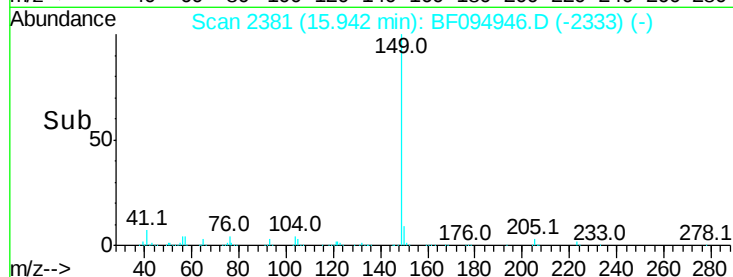
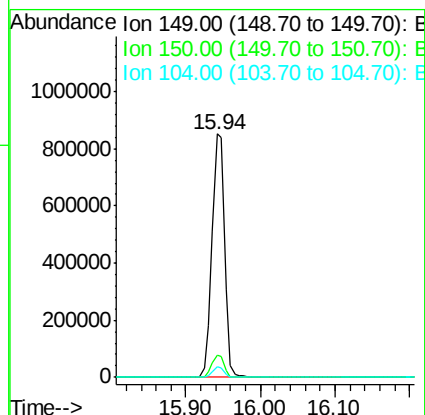
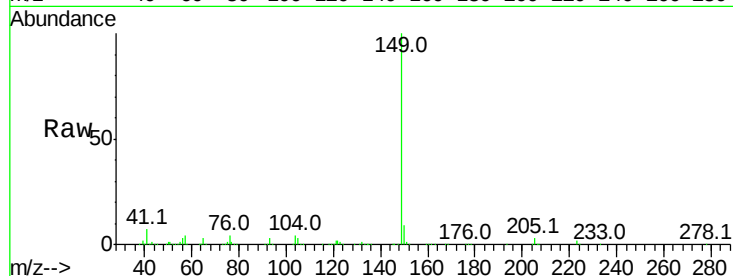




#73
Di-n-butylphthalate
Concen: 44.81 ng
RT: 15.94 min Scan# 2381
Delta R.T. -0.02 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

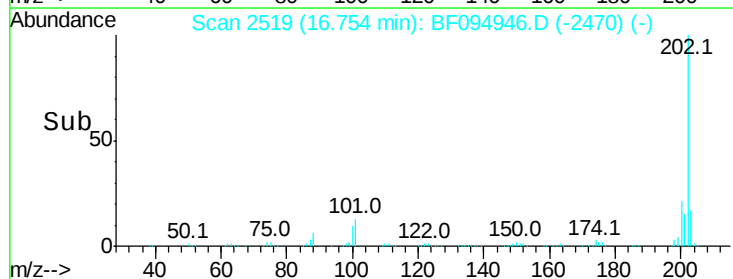
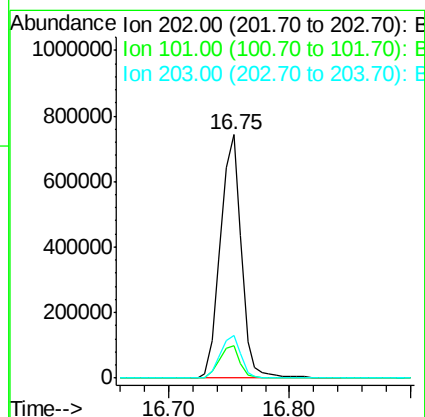
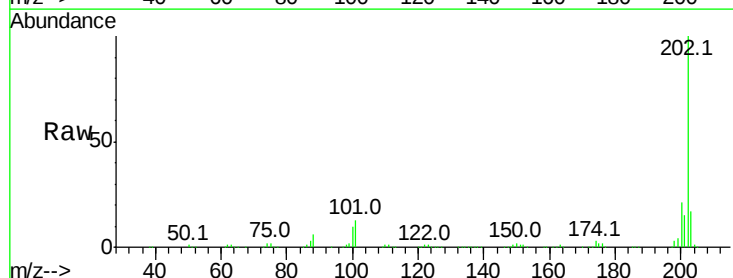
Instrument :
BNA_F
ClientSampleId :

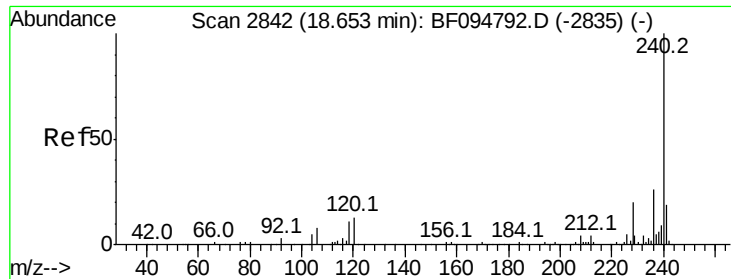
Tot Ion:149 Resp: 994492
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 45.29 ng
RT: 16.75 min Scan# 2519
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion:202 Resp: 889621
Ion Ratio Lower Upper
202 100
101 13.1 0.0 33.2
203 17.4 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.64 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampleId :

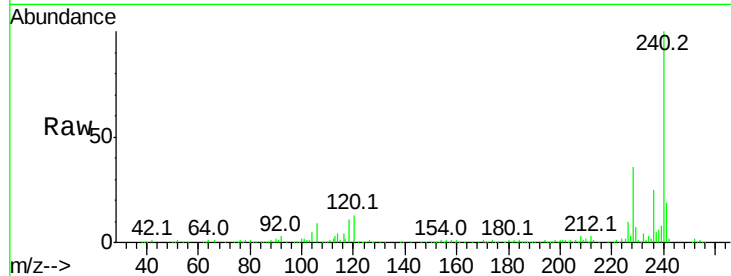
Tot Ion:240 Resp: 247448

Ion Ratio Lower Upper

240 100

120 13.2 5.8 8.8#

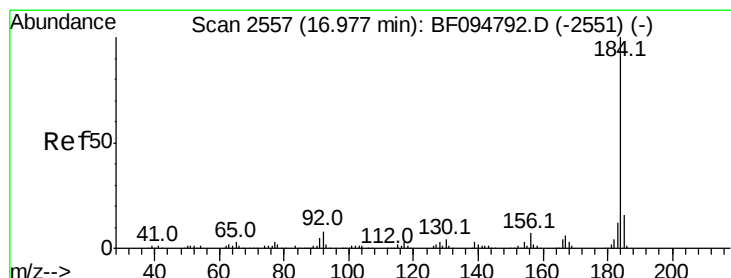
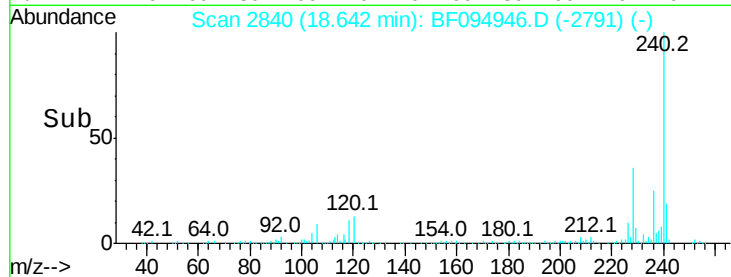
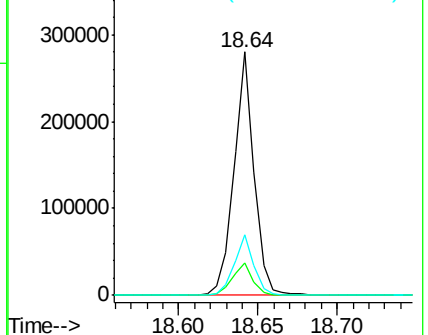
236 25.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 42.28 ng

RT: 16.97 min Scan# 2556

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

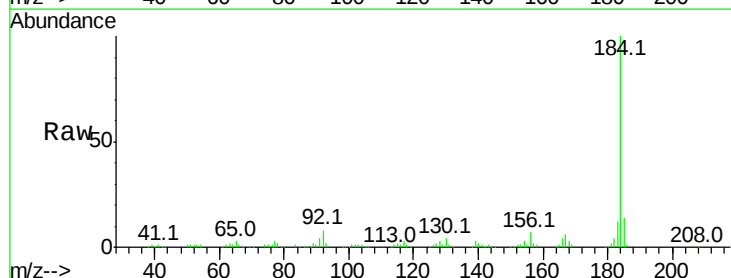
Tgt Ion:184 Resp: 276849

Ion Ratio Lower Upper

184 100

185 14.3 15.5 23.3#

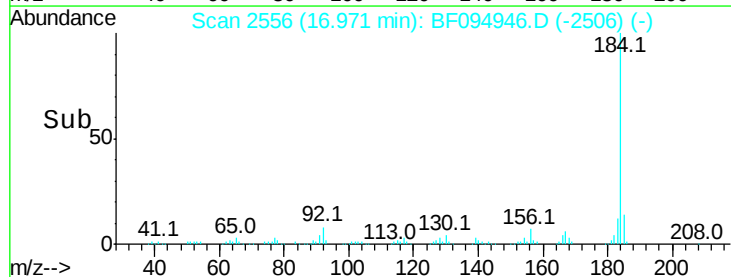
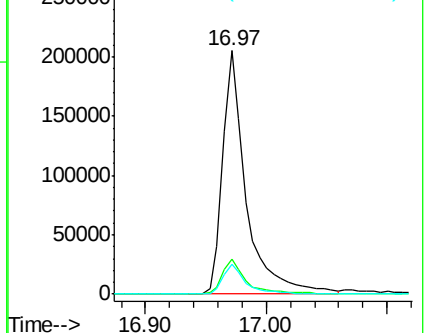
183 12.1 9.8 14.6

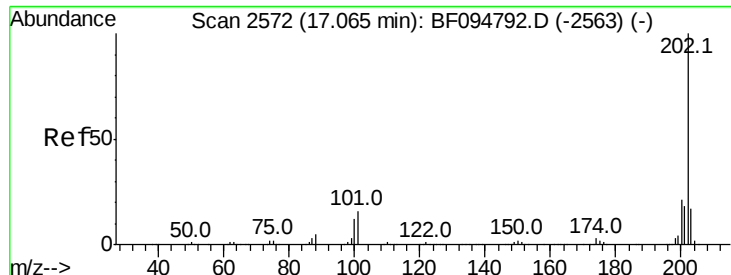


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

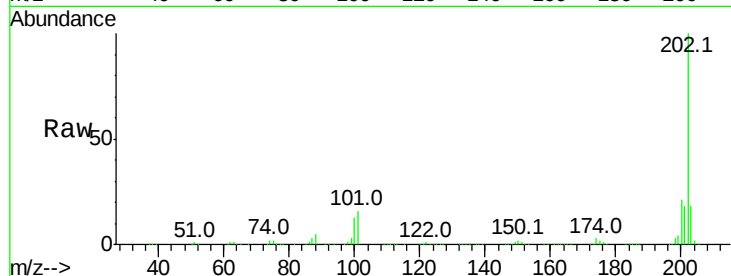




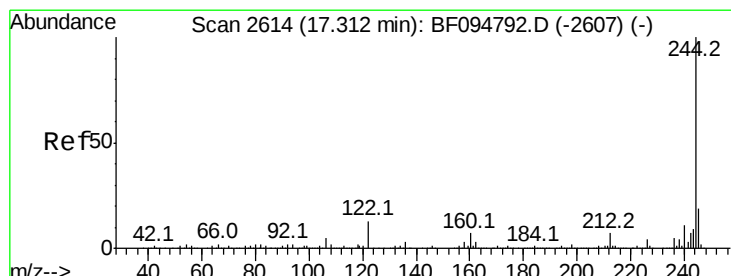
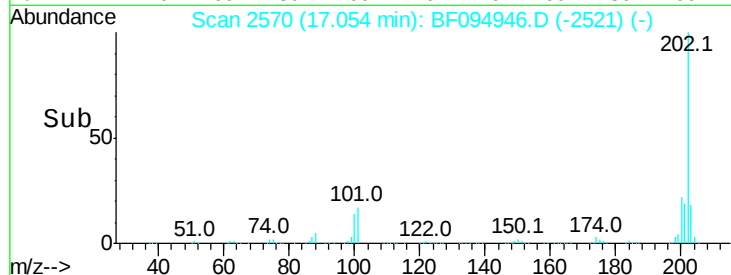
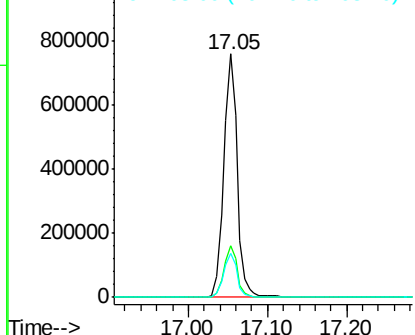
#77
Pvrene
Concen: 48.15 ng
RT: 17.05 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 891079
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 18.1 14.4 21.6

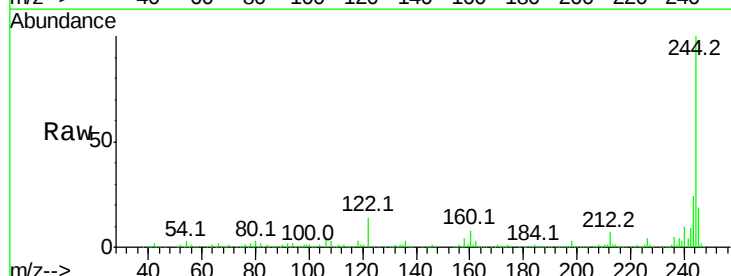


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

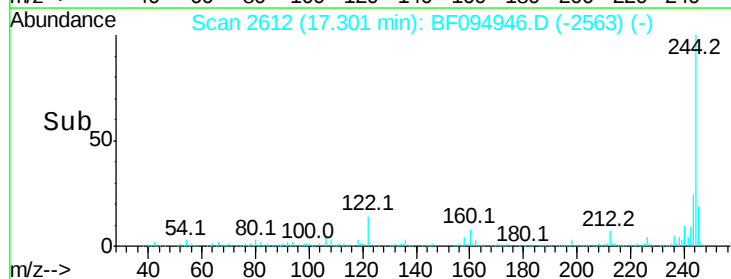
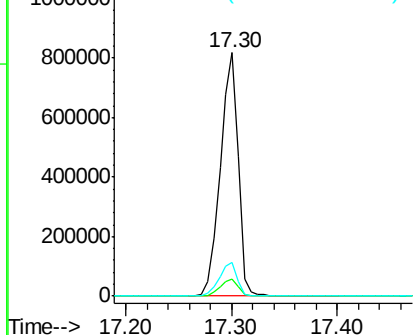


#78
Terphenyl-d14
Concen: 86.21 ng
RT: 17.30 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion:244 Resp: 968543
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 13.6 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

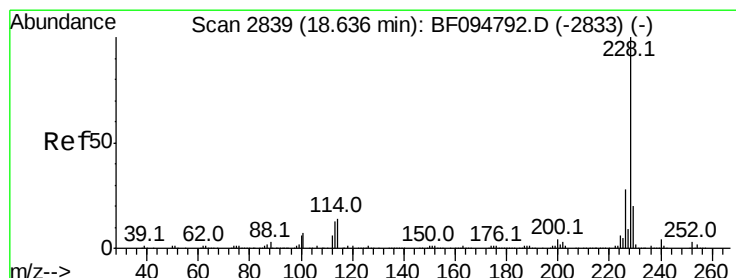
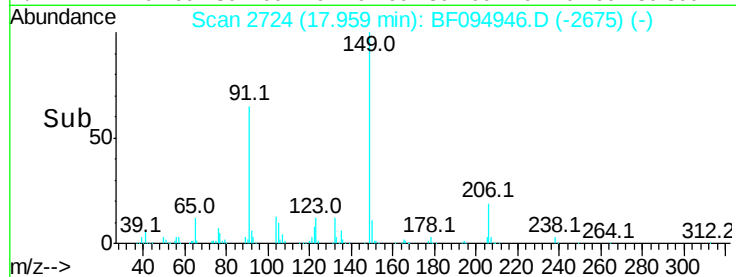
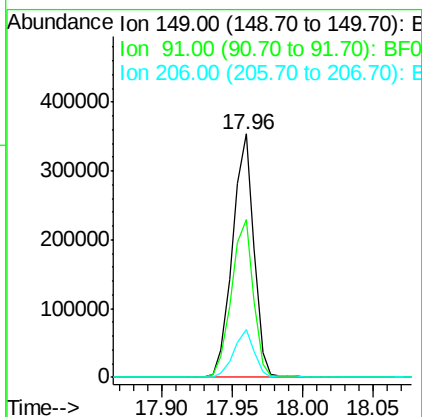
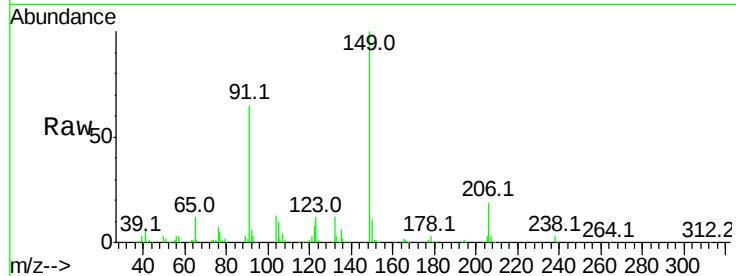




#79
Butylbenzylphthalate
Concen: 43.44 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

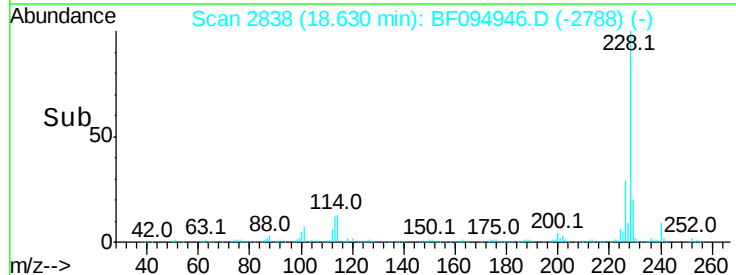
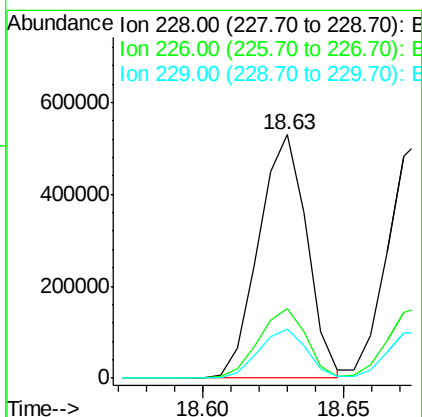
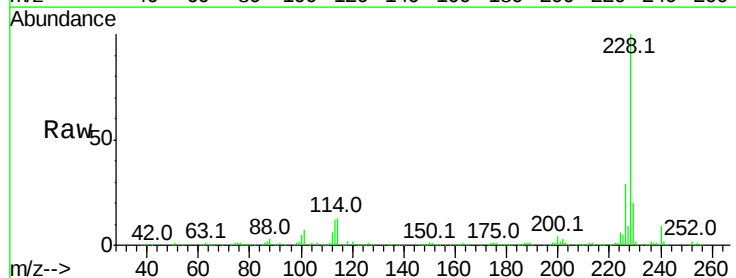
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.7	45.0	67.4
206	19.5	17.0	25.6



#80
Benzo(a)anthracene
Concen: 43.46 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094946.D
Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.6	33.8
229	20.4	16.3	24.5

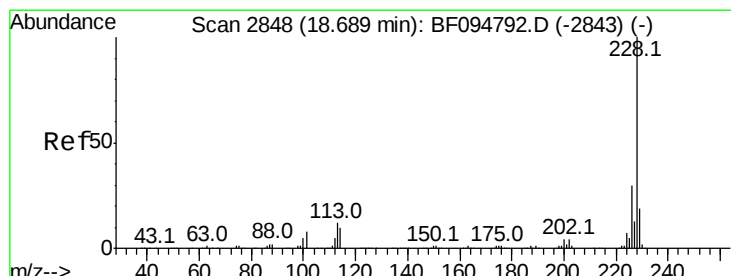
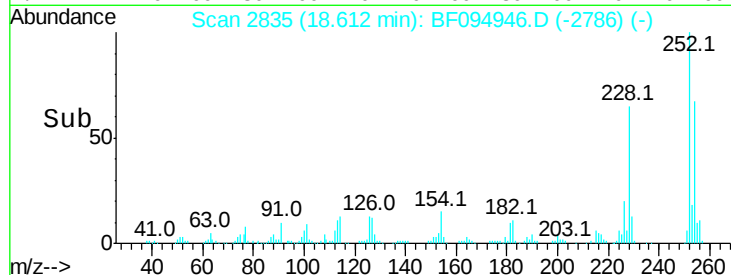
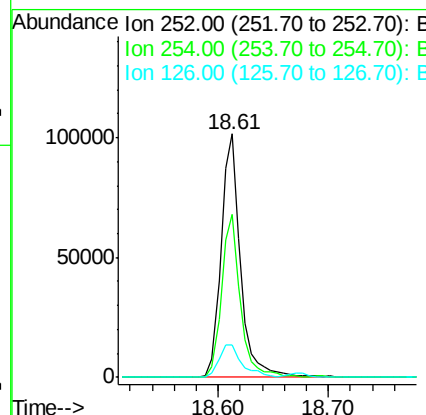
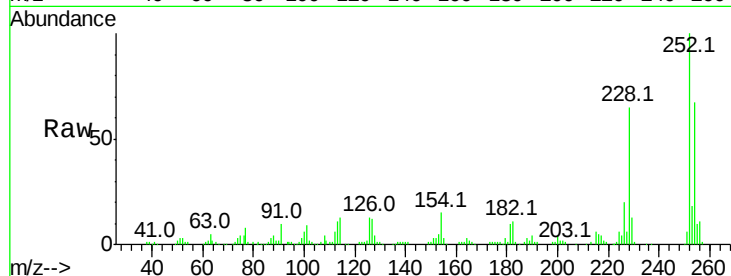




#81
 3,3'-Dichlorobenzidine
 Concen: 24.86 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

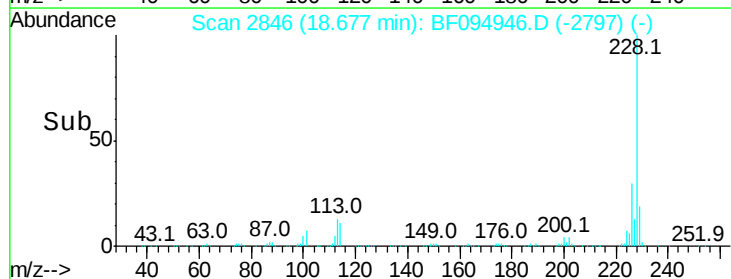
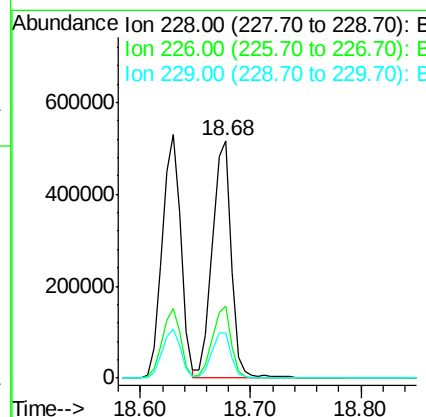
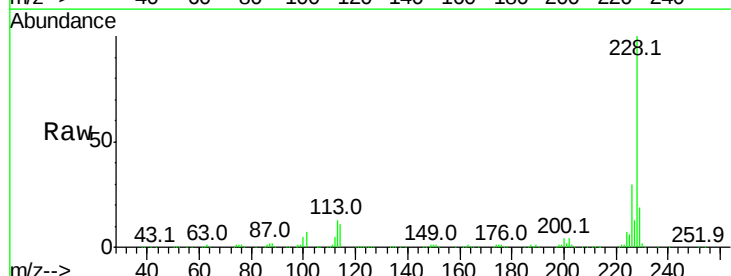
Instrument :
 BNA_F
 ClientSampleID :

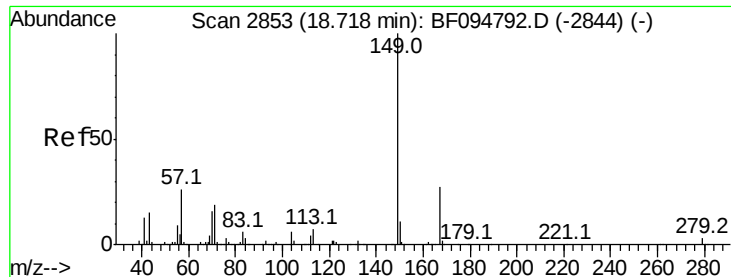
Tot Ion	Ratio	Lower	Upper
252	100		
254	66.7	51.5	77.3
126	13.4	15.8	23.8#



#82
 Chrysene
 Concen: 43.14 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	19.0	15.8	23.6

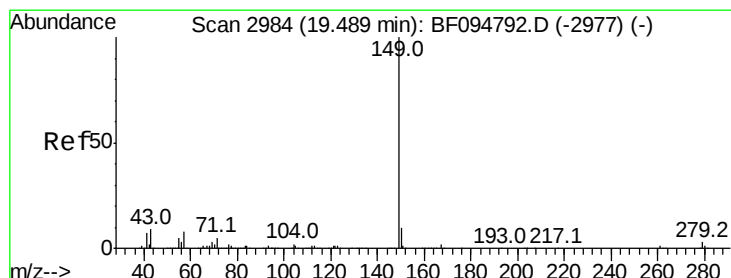
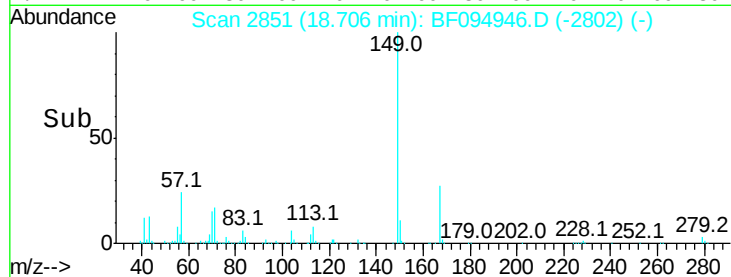
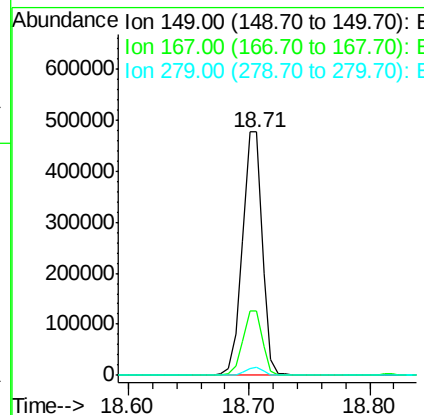
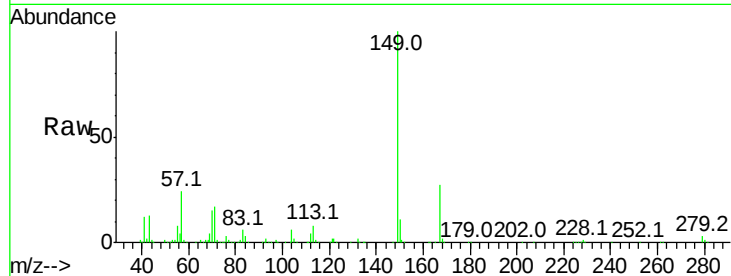




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 44.87 ng
 RT: 18.71 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

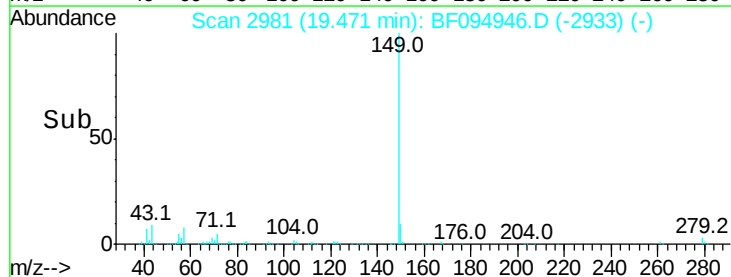
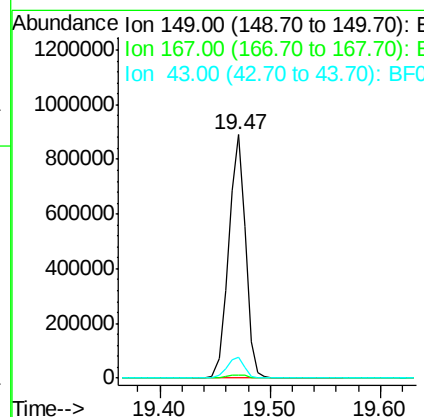
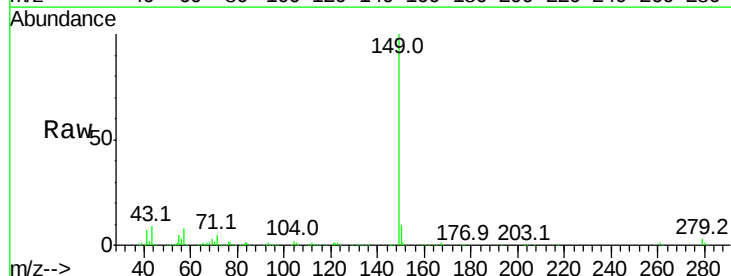
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 550337
 Ion Ratio Lower Upper
 149 100
 167 26.7 21.0 31.4
 279 3.3 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 47.44 ng
 RT: 19.47 min Scan# 2981
 Delta R.T. -0.02 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion:149 Resp: 953888
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.9 8.5 12.7

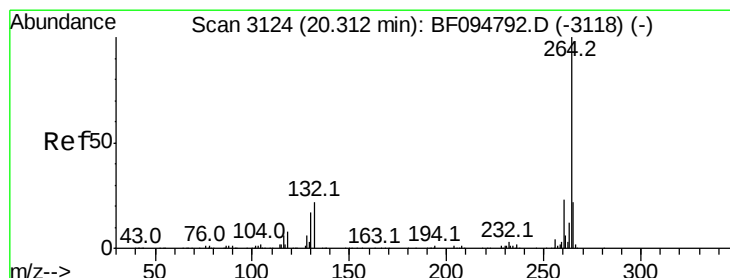
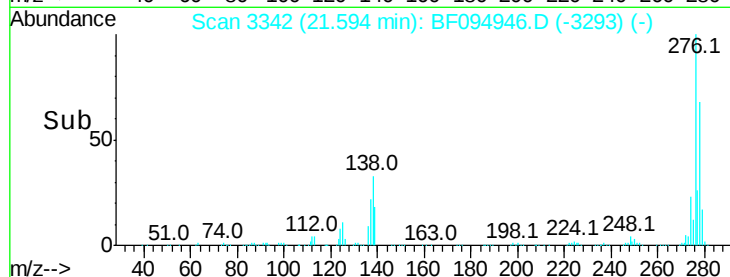
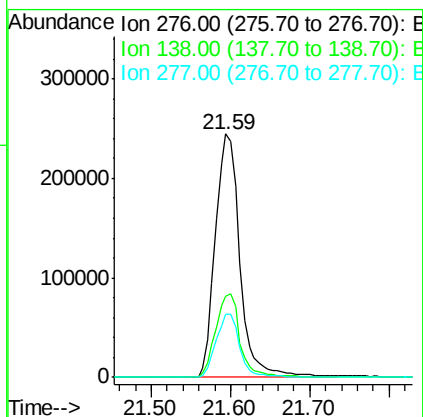
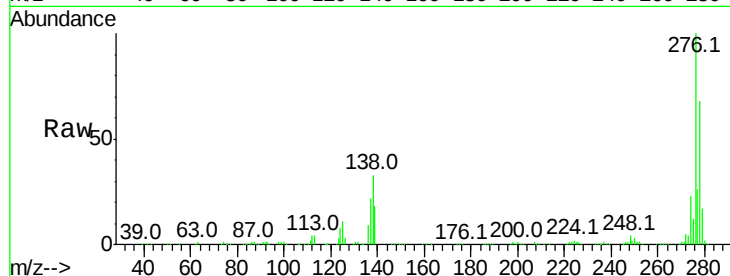




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 46.80 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

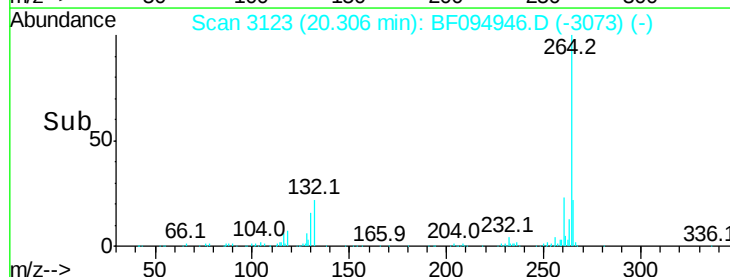
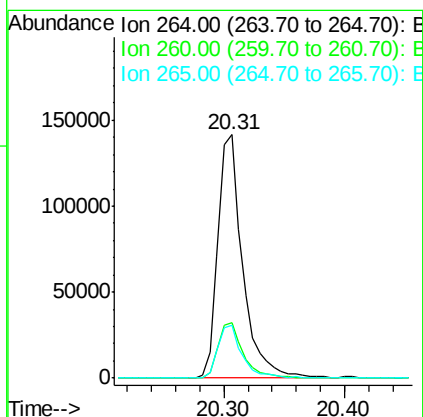
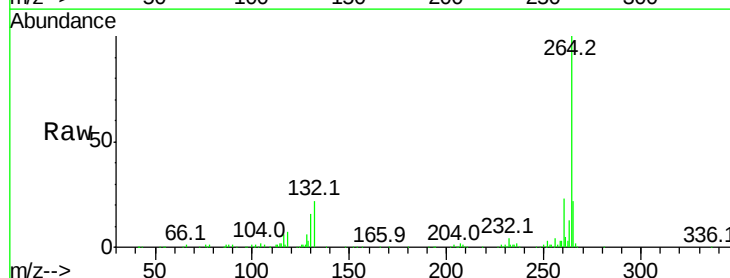
Instrument :
 BNA_F
 ClientSampleId :

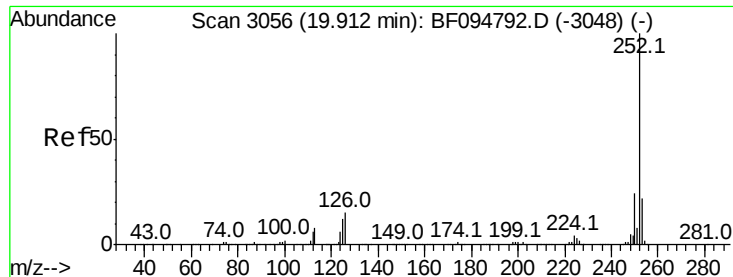
Tot Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.8	41.6
277	25.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.31 min Scan# 3123
 Delta R.T. -0.01 min
 Lab File: BF094946.D
 Acq: 6 May 2017 6:57

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	21.8	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 43.92 ng

RT: 19.90 min Scan# 3054

Delta R.T. -0.01 min

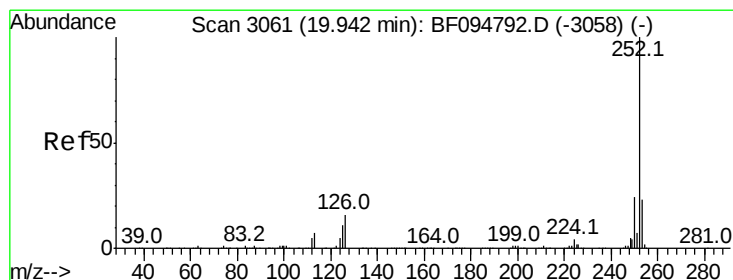
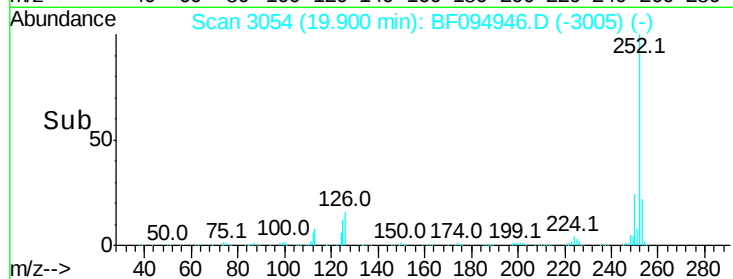
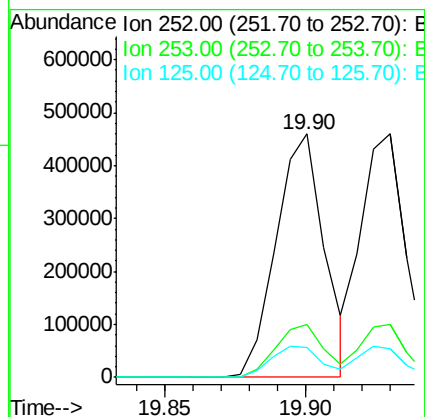
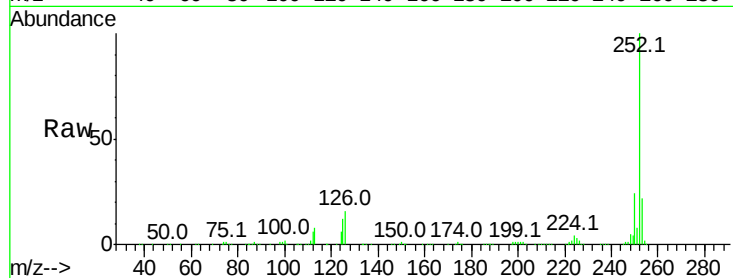
Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 544469

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.1	27.1
125	12.3	9.8	14.8



#88

Benzo(k)fluoranthene

Concen: 44.61 ng

RT: 19.93 min Scan# 3059

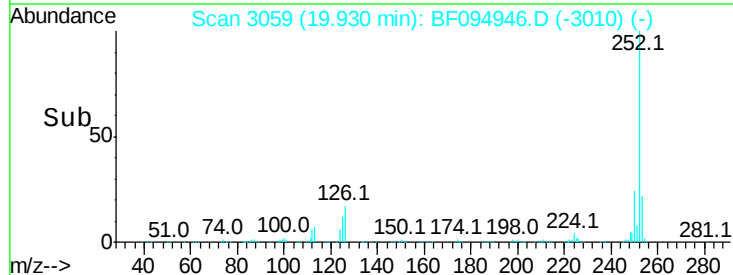
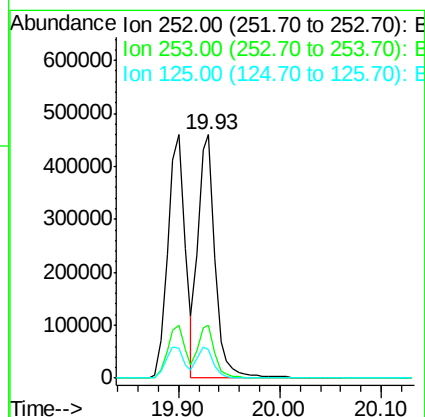
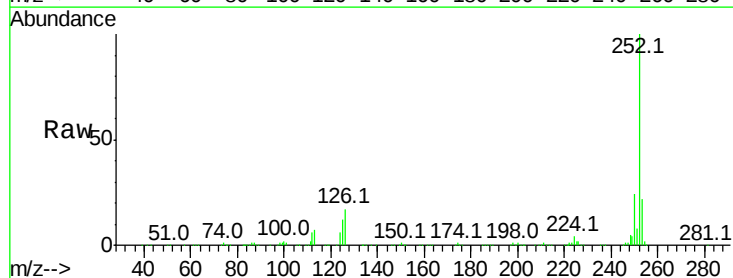
Delta R.T. -0.01 min

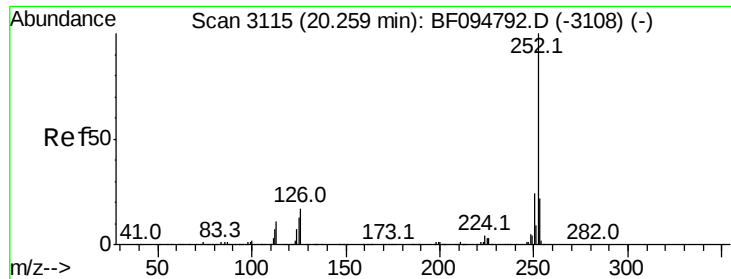
Lab File: BF094946.D

Acq: 6 May 2017 6:57

Tgt Ion:252 Resp: 533442

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.4	27.6
125	11.6	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 44.63 ng

RT: 20.25 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampled :

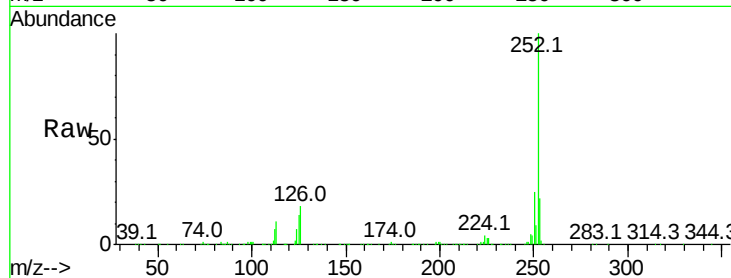
Tot Ion:252 Resp: 510540

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

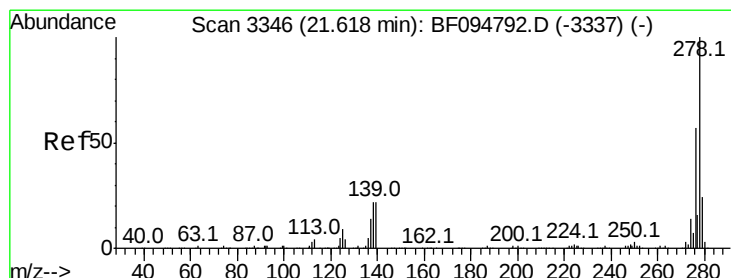
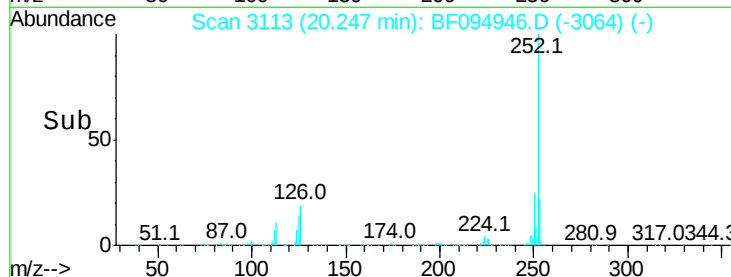
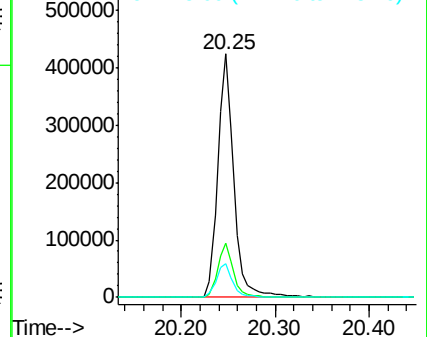
125 13.9 11.0 16.4



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: 45.88 ng

RT: 21.60 min Scan# 3343

Delta R.T. -0.02 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

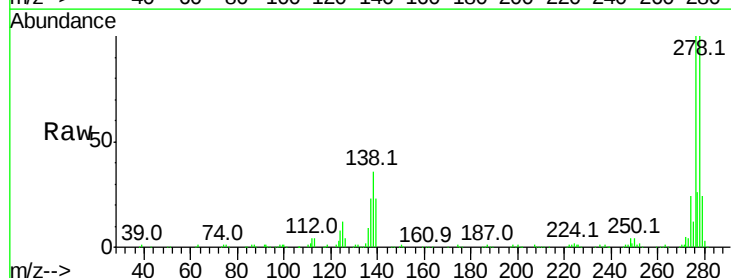
Tgt Ion:278 Resp: 433416

Ion Ratio Lower Upper

278 100

139 23.3 16.6 24.8

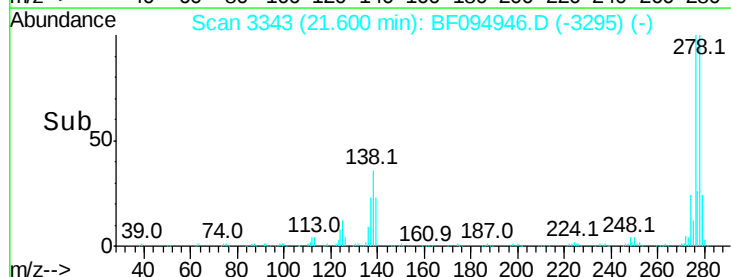
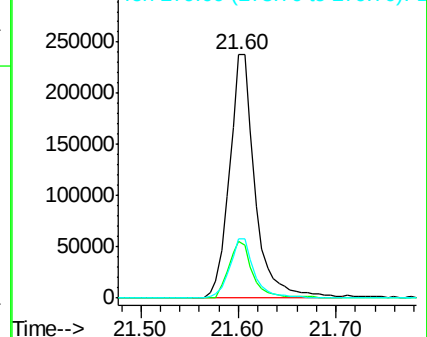
279 24.3 19.3 28.9

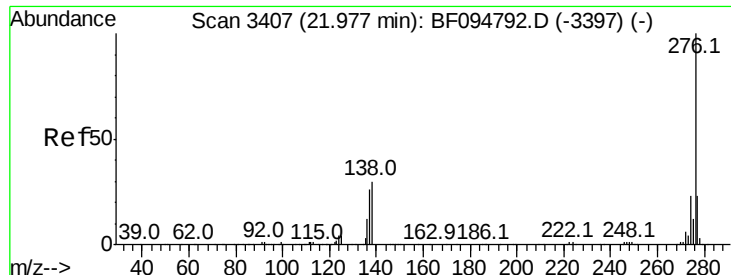


Abundance Ion 278.00 (277.70 to 278.70): E

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: 50.19 ng

RT: 21.97 min Scan# 3406

Delta R.T. -0.01 min

Lab File: BF094946.D

Acq: 6 May 2017 6:57

Instrument :

BNA_F

ClientSampleId :

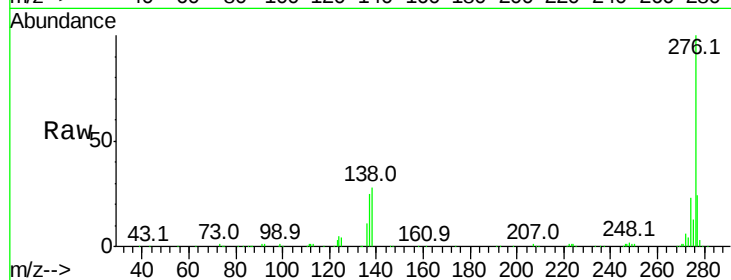
Tot Ion:276 Resp: 465290

Ion Ratio Lower Upper

276 100

277 23.9 18.6 28.0

138 28.4 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

