

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094935.D
 Acq On : 6 May 2017 1:00
 Operator : SJ/MA
 Sample : I2950-02MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 06 01:31:02 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	92363	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	382105	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	179374	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	334380	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	277380	20.00	ng	-0.01
86) Perylene-d12	20.30	264	194305	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	634948	114.61	ng	0.00
7) Phenol-d6	7.27	99	765905	115.22	ng	-0.01
23) Nitrobenzene-d5	8.62	82	453074	74.77	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	172120	117.17	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	941842	75.58	ng	-0.01
78) Terphenyl-d14	17.30	244	784384	62.28	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.14	88	81679	30.06	ng	93
3) Pyridine	2.84	79	110423	17.54	ng	98
4) n-Nitrosodimethylamine	2.74	42	88901	33.87	ng	85
6) Aniline	7.22	93	156838	18.69	ng	95
8) 2-Chlorophenol	7.41	128	236102	37.44	ng	94
9) Benzaldehyde	7.05	77	39513	9.74	ng	99
10) Phenol	7.28	94	274317	39.16	ng	91
11) bis(2-Chloroethyl)ether	7.36	93	209689	36.26	ng	95
12) 1,3-Dichlorobenzene	7.62	146	250274	34.99	ng	99
13) 1,4-Dichlorobenzene	7.75	146	258614	35.65	ng	96
14) 1,2-Dichlorobenzene	7.98	146	251931	37.21	ng	95
15) Benzyl Alcohol	8.01	79	189342	44.29	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.21	45	290186	35.46	ng	# 47
17) 2-Methylphenol	8.22	107	194718	37.73	ng	# 89
18) Hexachloroethane	8.50	117	83790	34.10	ng	# 82
19) n-Nitroso-di-n-propylamine	8.43	70	161185	35.85	ng	91
20) 3+4-Methylphenols	8.48	107	249809	35.63	ng	# 60
22) Acetophenone	8.40	105	324064	35.35	ng	# 84
24) Nitrobenzene	8.65	77	230967	36.36	ng	92
25) Isophorone	9.05	82	416201	38.47	ng	96
26) 2-Nitrophenol	9.16	139	128184	37.40	ng	99
27) 2,4-Dimethylphenol	9.30	122	199612	36.02	ng	97
28) bis(2-Chloroethoxy)methane	9.42	93	268181	35.83	ng	99
29) 2,4-Dichlorophenol	9.58	162	196641	37.58	ng	98
30) 1,2,4-Trichlorobenzene	9.67	180	198900	35.48	ng	99
31) Naphthalene	9.78	128	676985	35.25	ng	100
32) Benzoic acid	9.55	122	40637	15.07	ng	92
33) 4-Chloroaniline	9.94	127	41316	5.77	ng	94
34) Hexachlorobutadiene	10.00	225	94630	32.00	ng	96
35) Caprolactam	10.52	113	25810	16.43	ng	# 87
36) 4-Chloro-3-methylphenol	10.77	107	210402	37.61	ng	91
37) 2-Methylnaphthalene	10.90	142	473141	37.54	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	189057	34.27	ng	99
40) Hexachlorocyclopentadiene	11.16	237	150981	66.23	ng	99

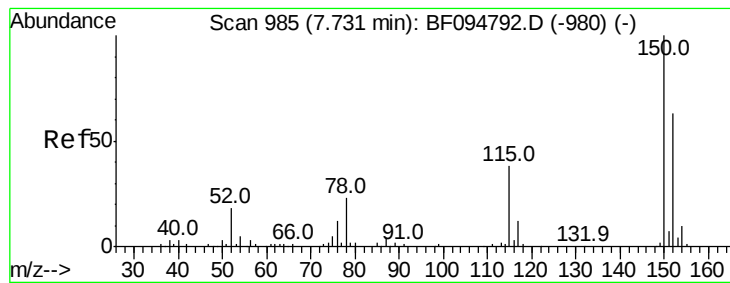
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094935.D
 Acq On : 6 May 2017 1:00
 Operator : SJ/MA
 Sample : I2950-02MSD
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Quant Time: May 06 01:31:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS 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)
42) 2,4,6-Trichlorophenol	11.39	196	134874	36.62	nq	99
43) 2,4,5-Trichlorophenol	11.48	196	144643	36.54	nq	91
45) 1,1'-Biphenyl	11.67	154	554173	36.69	nq	98
46) 2-Chloronaphthalene	11.68	162	436513	35.80	nq	95
47) 2-Nitroaniline	11.89	65	123286	36.94	nq	# 82
48) Acenaphthylene	12.34	152	724225	37.92	nq	99
49) Dimethylphthalate	12.21	163	696740	47.31	nq	100
50) 2,6-Dinitrotoluene	12.30	165	119811	39.88	nq	92
51) Acenaphthene	12.62	154	421520	36.95	nq	99
52) 3-Nitroaniline	12.58	138	63602	19.73	nq	# 87
53) 2,4-Dinitrophenol	12.77	184	85026	53.62	nq	# 64
54) Dibenzofuran	12.91	168	633111	40.10	nq	97
55) 4-Nitrophenol	12.95	139	148500	76.68	nq	# 74
56) 2,4-Dinitrotoluene	12.97	165	152166	39.42	nq	# 87
57) Fluorene	13.47	166	502691	36.62	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.15	232	106705	42.83	nq	# 95
59) Diethylphthalate	13.37	149	507555	35.96	nq	98
60) 4-Chlorophenyl-phenylether	13.49	204	218235	36.17	nq	89
61) 4-Nitroaniline	13.57	138	107522	36.32	nq	98
62) Azobenzene	13.75	77	461154	40.66	nq	95
64) 4,6-Dinitro-2-methylphenol	13.63	198	74142	33.08	nq	# 70
65) n-Nitrosodiphenylamine	13.70	169	419495	34.57	nq	99
66) 4-Bromophenyl-phenylether	14.28	248	122525	34.68	nq	96
67) Hexachlorobenzene	14.36	284	124014	34.25	nq	# 85
68) Atrazine	14.62	200	128479	37.50	nq	99
69) Pentachlorophenol	14.71	266	103944	64.71	nq	97
70) Phenanthrene	15.01	178	691128	35.97	nq	98
71) Anthracene	15.09	178	722008	36.79	nq	99
72) Carbazole	15.37	167	676992	37.91	nq	98
73) Di-n-butylphthalate	15.94	149	783306	35.18	nq	99
74) Fluoranthene	16.75	202	718990	36.48	nq	98
76) Benzidine	17.00	184	6945	7.39	nq	# 91
77) Pyrene	17.05	202	749492	36.13	nq	99
79) Butylbenzylphthalate	17.96	149	333585	34.57	nq	91
80) Benzo(a)anthracene	18.63	228	583777	36.16	nq	97
81) 3,3'-Dichlorobenzidine	18.61	252	110301	19.78	nq	# 97
82) Chrysene	18.67	228	552563	35.40	nq	100
83) Bis(2-ethylhexyl)phthalate	18.70	149	478861	34.83	nq	# 99
84) Di-n-octyl phthalate	19.47	149	775470	34.40	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	385559	30.42	nq	100
87) Benzo(b)fluoranthene	19.89	252	499133	41.57	nq	98
88) Benzo(k)fluoranthene	19.92	252	477716	41.25	nq	97
89) Benzo(a)pyrene	20.25	252	406519	36.69	nq	100
90) Dibenzo(a,h)anthracene	21.60	278	324863	35.50	nq	98
91) Benzo(g,h,i)perylene	21.96	276	336303	37.45	nq	97

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

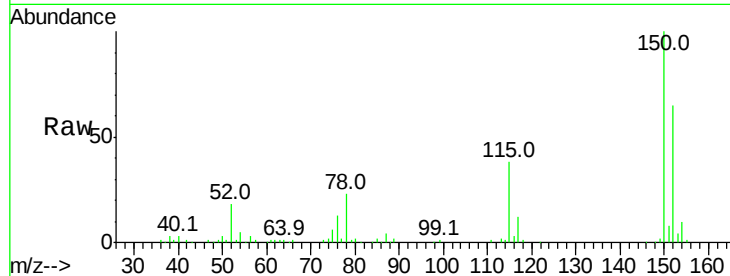


#1

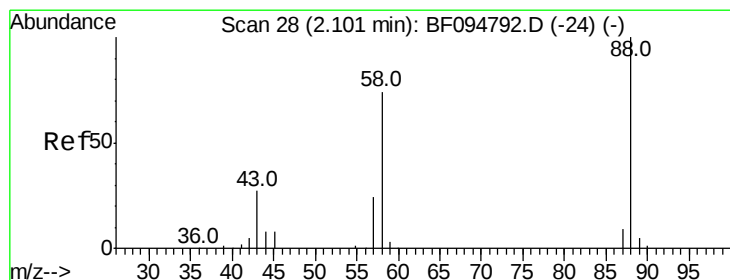
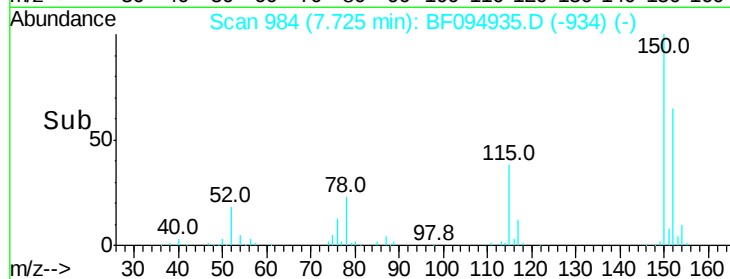
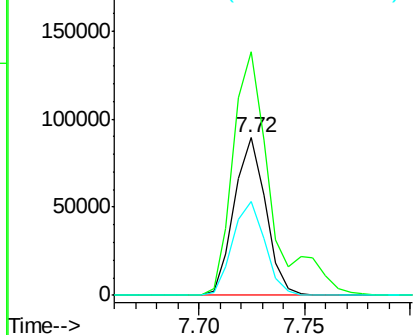
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 92363
Ion Ratio Lower Upper
152 100
150 154.5 126.2 189.2
115 59.2 52.2 78.2



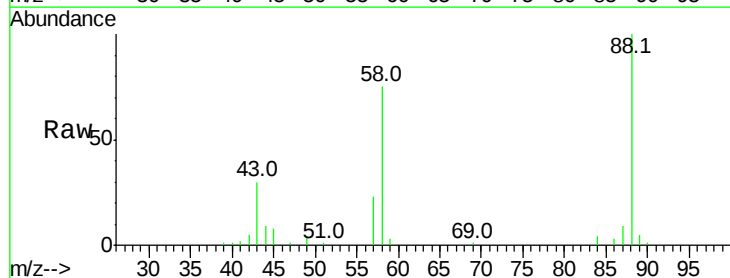
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



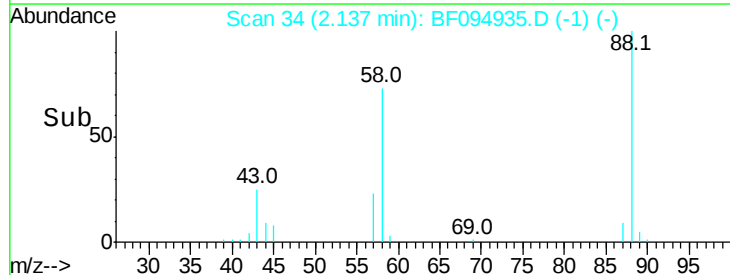
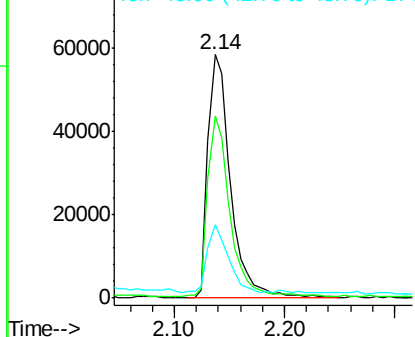
#2

1,4-Dioxane
Concen: 30.06 ng
RT: 2.14 min Scan# 34
Delta R.T. 0.04 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion: 88 Resp: 81679
Ion Ratio Lower Upper
88 100
58 71.2 61.4 92.0
43 25.1 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: 17.54 ng

RT: 2.84 min Scan# 153

Delta R.T. 0.08 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

ClientSampleId :

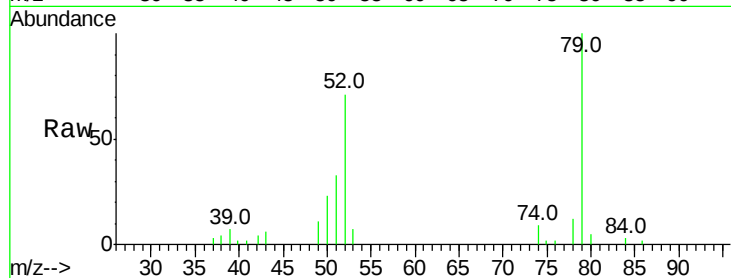
Tot Ion: 79 Resp: 110423

Ion Ratio Lower Upper

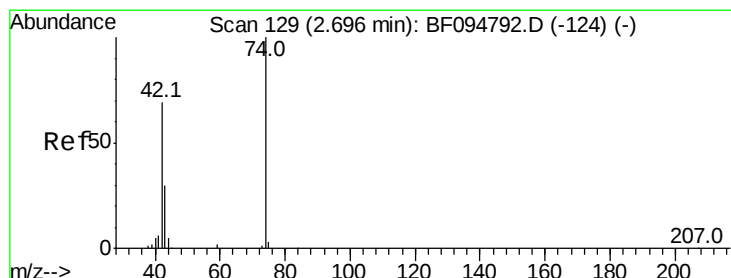
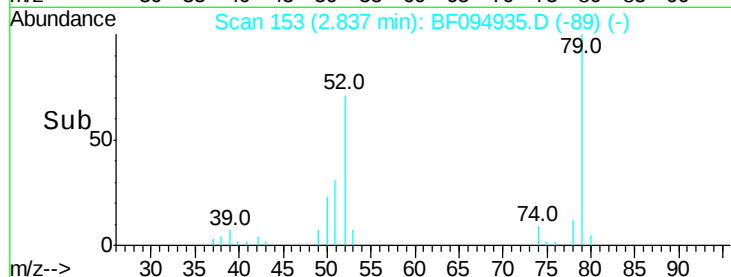
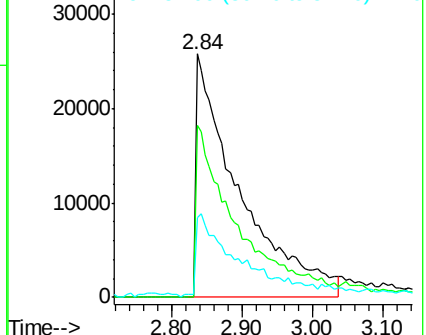
79 100

52 70.7 54.8 82.2

51 32.9 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 52.00 (51.70 to 52.70): BF0
Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 33.87 ng

RT: 2.74 min Scan# 136

Delta R.T. 0.04 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

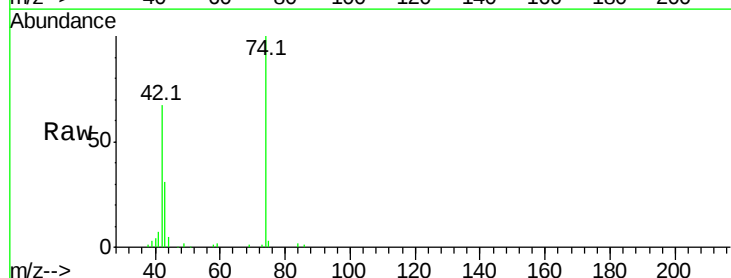
Tgt Ion: 42 Resp: 88901

Ion Ratio Lower Upper

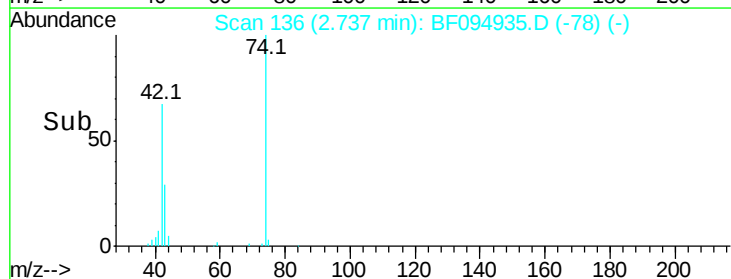
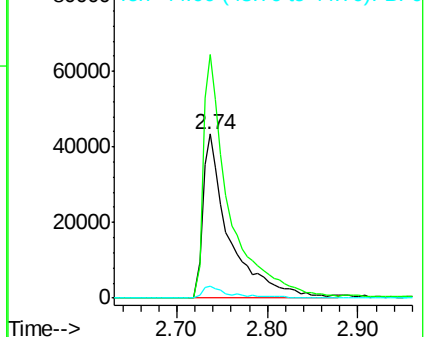
42 100

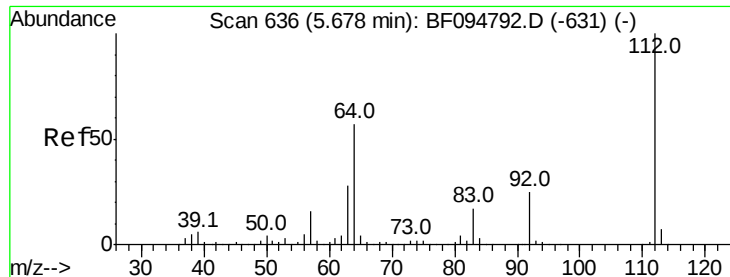
74 148.6 103.9 155.9

44 7.0 5.7 8.5



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 114.61 ng

RT: 5.68 min Scan# 636

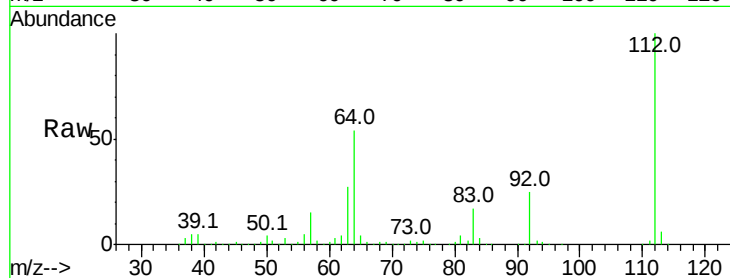
Delta R.T. -0.00 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampled :

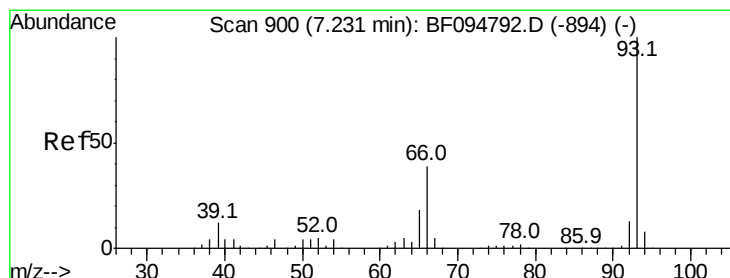
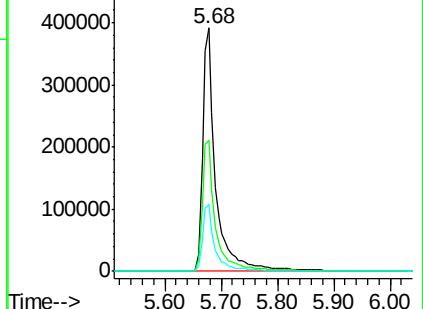
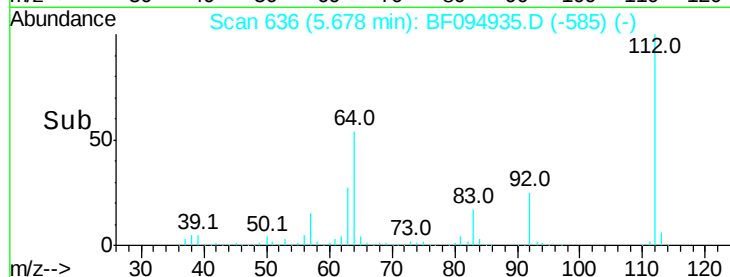
Tot Ion:	112	Resp:	634948
Ion	Ratio	Lower	Upper
112	100		
64	53.9	46.0	69.0
63	27.3	23.4	35.0



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: 18.69 ng

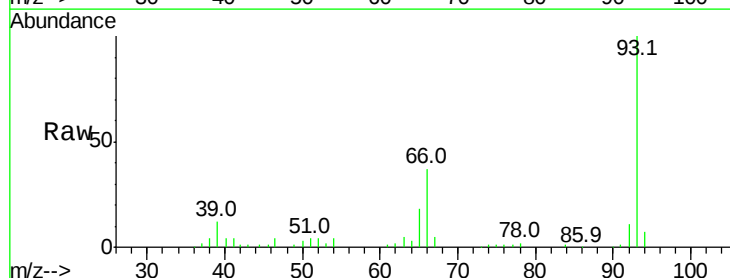
RT: 7.22 min Scan# 899

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

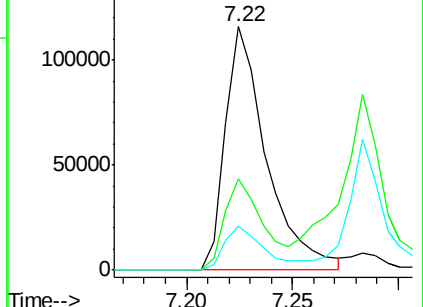
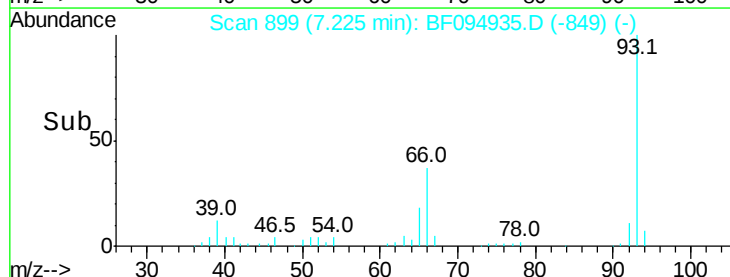
Tgt Ion:	93	Resp:	156838
Ion	Ratio	Lower	Upper
93	100		
66	37.4	32.9	49.3
65	18.2	16.0	24.0



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: 115.22 ng

RT: 7.27 min Scan# 906

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

ClientSampled :

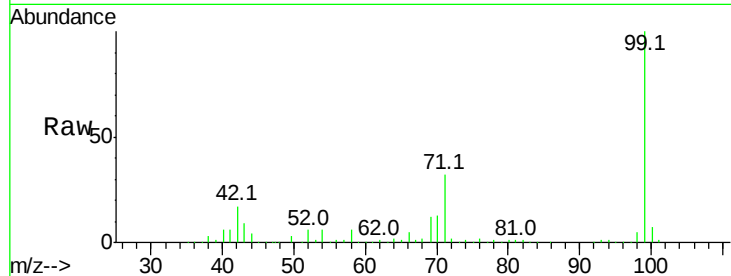
Tot Ion: 99 Resp: 765905

Ion Ratio Lower Upper

99 100

42 16.5 13.5 20.3

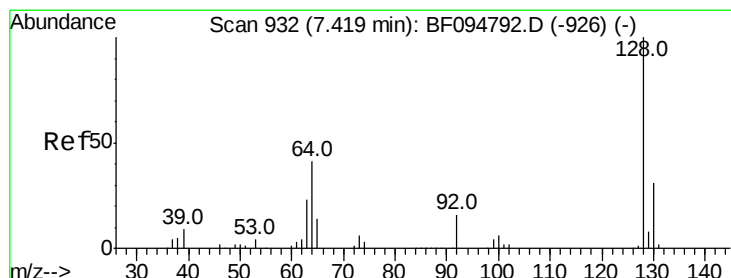
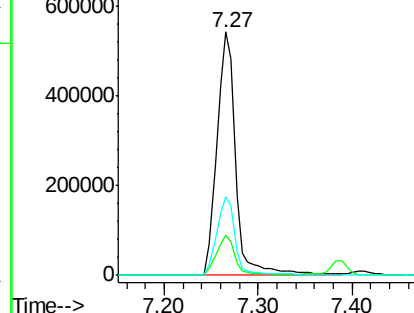
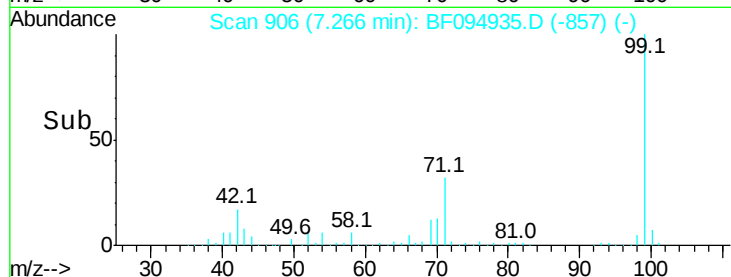
71 32.4 24.5 36.7



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: 37.44 ng

RT: 7.41 min Scan# 931

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

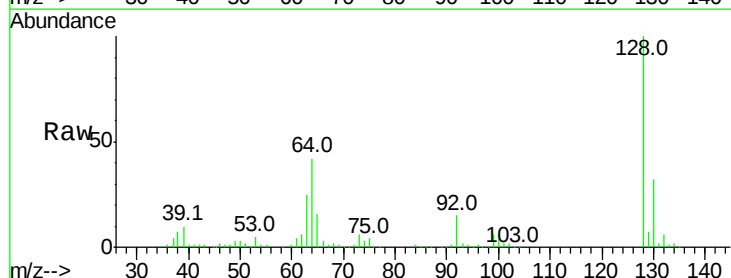
Tgt Ion: 128 Resp: 236102

Ion Ratio Lower Upper

128 100

130 32.0 12.9 52.9

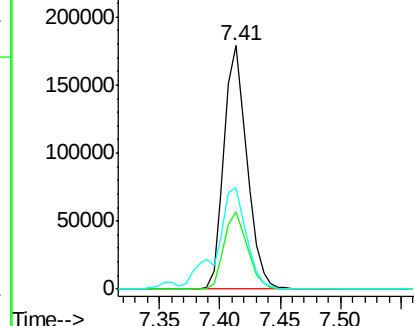
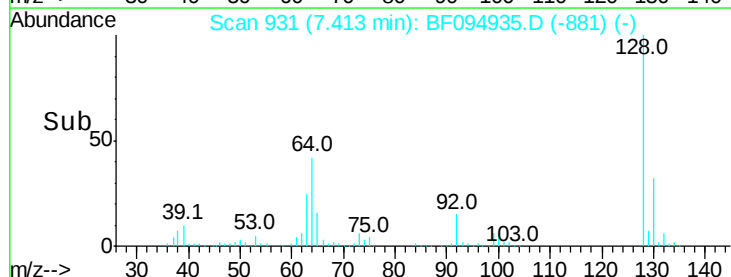
64 41.8 28.4 68.4

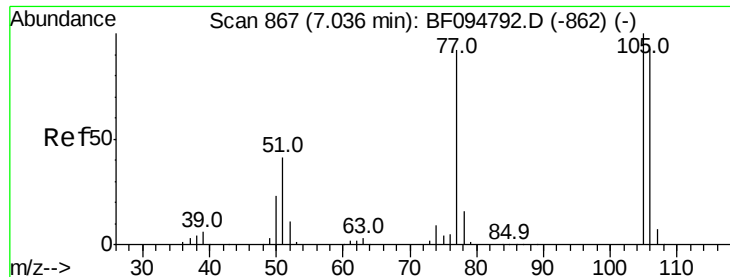


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

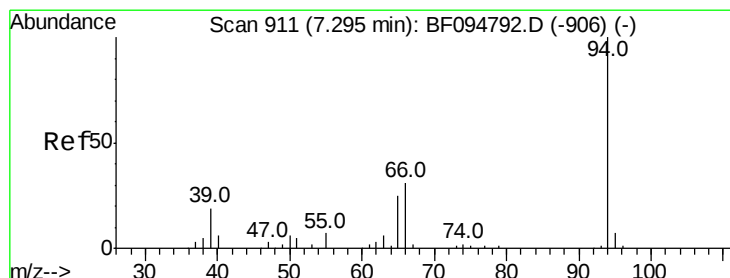
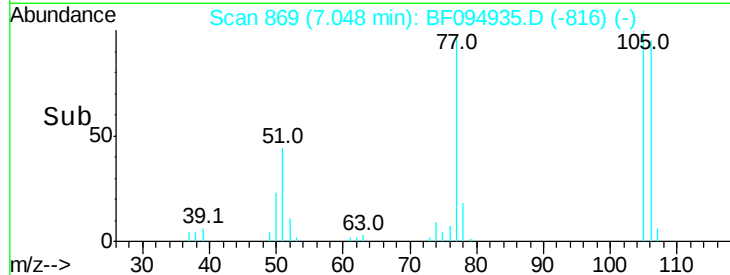
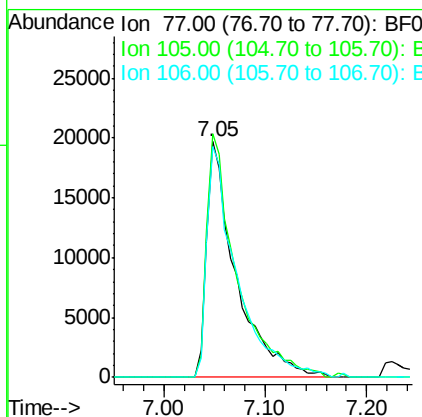
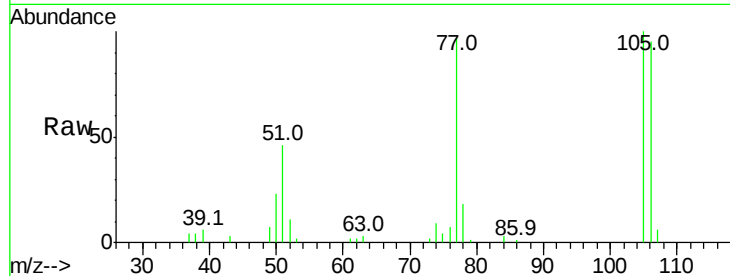




#9
Benzaldehyde
Concen: 9.74 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

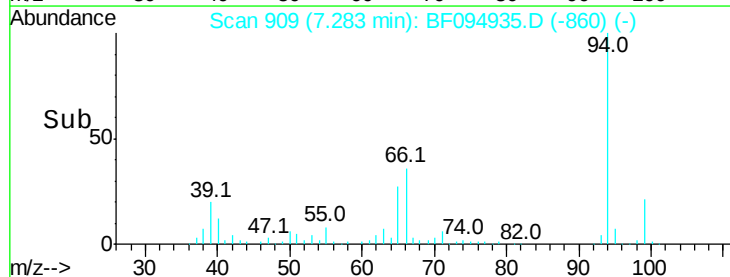
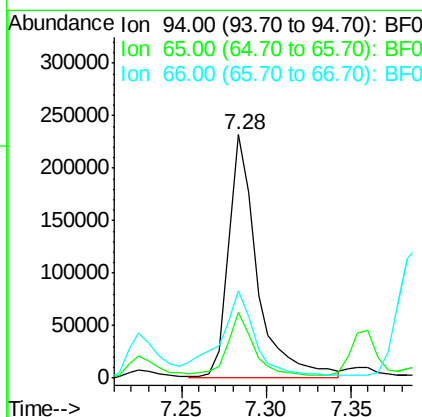
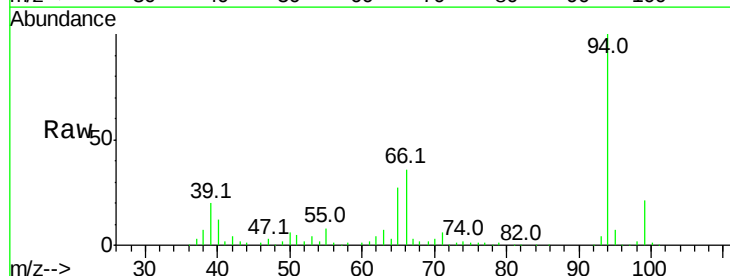
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 39513
Ion Ratio Lower Upper
77 100
105 103.4 83.8 123.8
106 97.9 79.1 119.1



#10
Phenol
Concen: 39.16 ng
RT: 7.28 min Scan# 909
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion: 94 Resp: 274317
Ion Ratio Lower Upper
94 100
65 26.9 9.9 49.9
66 36.2 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 36.26 ng

RT: 7.36 min Scan# 922

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

ClientSampleId :

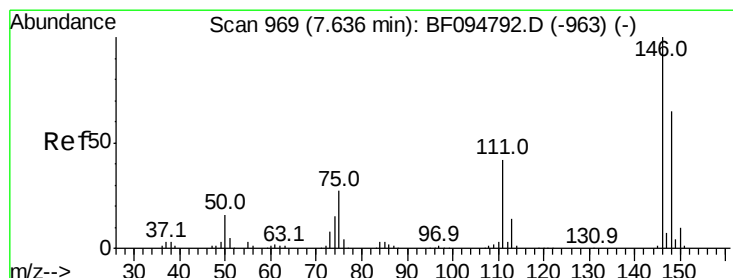
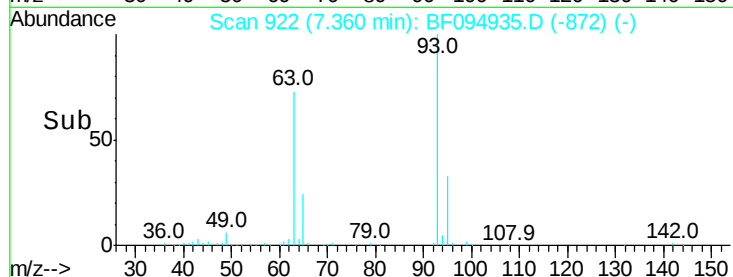
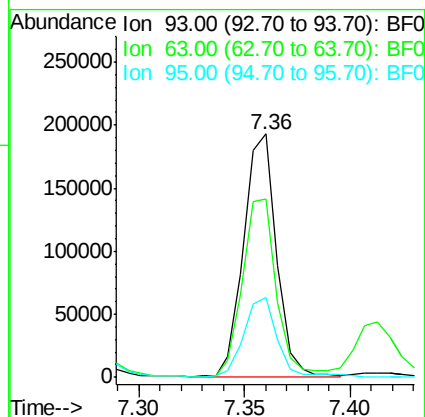
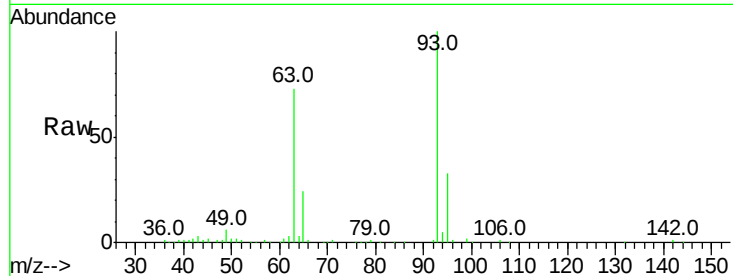
Tot Ion: 93 Resp: 209689

Ion Ratio Lower Upper

93 100

63 73.4 59.2 99.2

95 32.7 12.8 52.8



#12

1,3-Dichlorobenzene

Concen: 34.99 ng

RT: 7.62 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

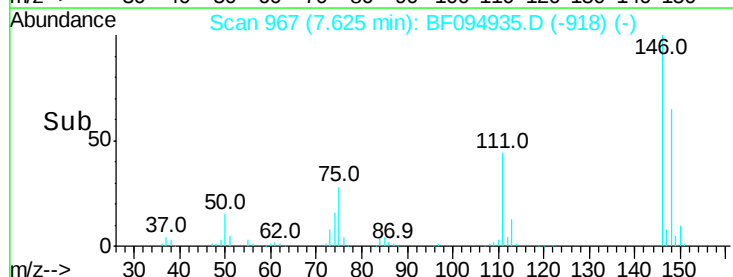
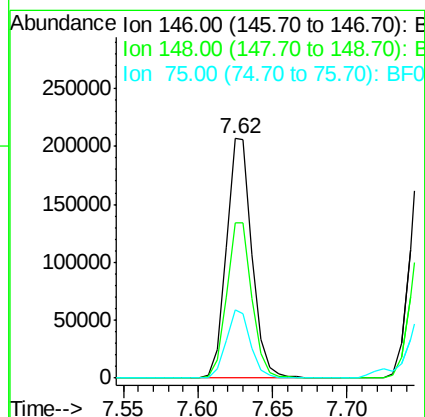
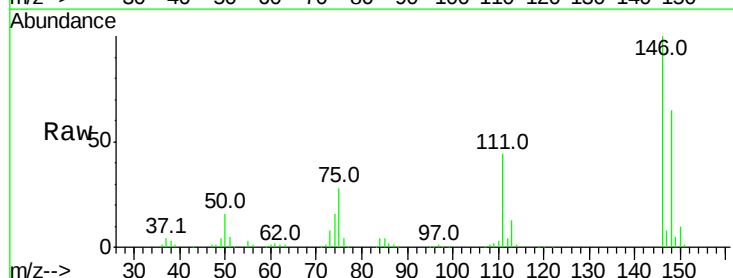
Tgt Ion: 146 Resp: 250274

Ion Ratio Lower Upper

146 100

148 65.1 51.8 77.6

75 28.5 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 35.65 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

ClientSampled :

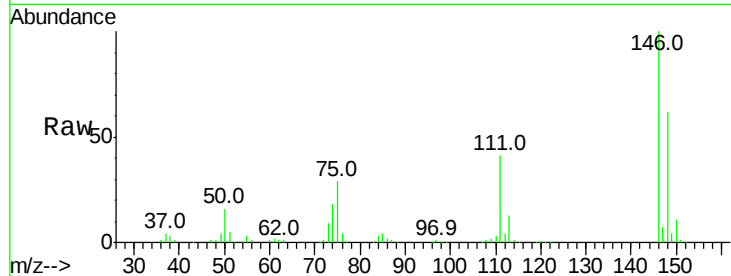
Tot Ion:146 Resp: 258614

Ion Ratio Lower Upper

146 100

148 61.8 52.2 78.2

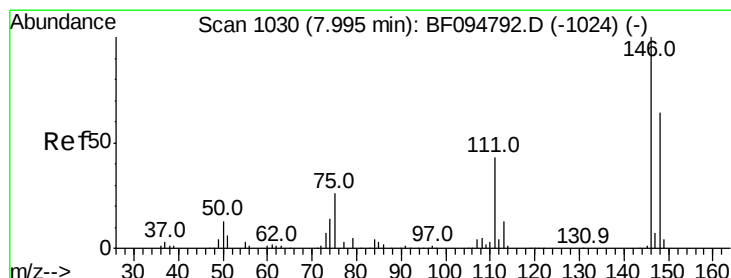
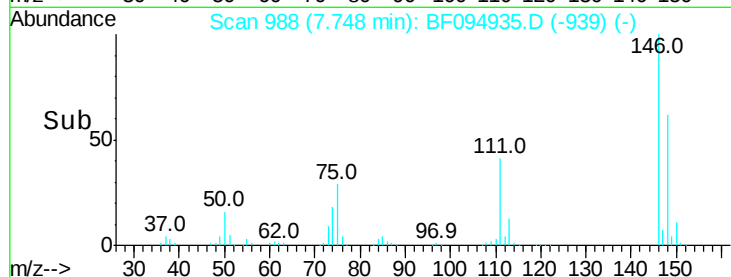
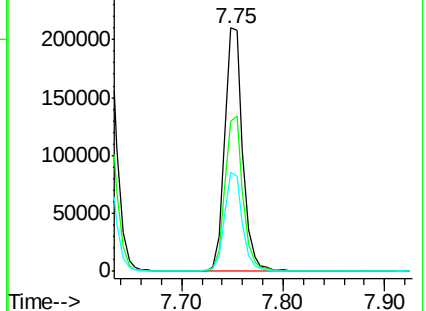
111 40.8 30.3 45.5



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: 37.21 ng

RT: 7.98 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

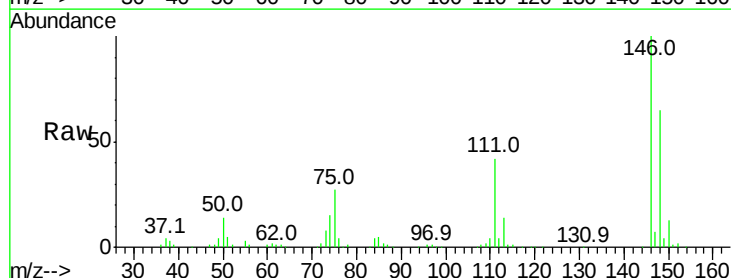
Tgt Ion:146 Resp: 251931

Ion Ratio Lower Upper

146 100

148 64.9 50.4 75.6

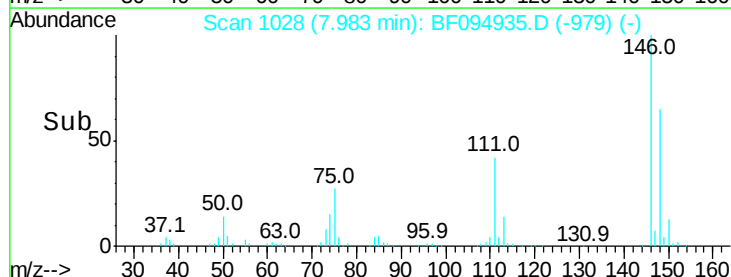
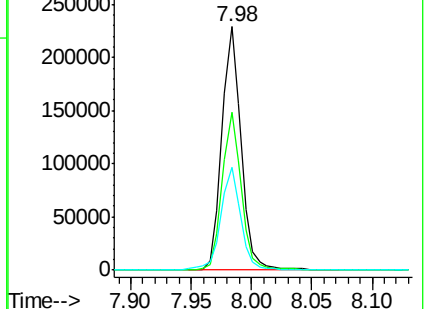
111 42.2 38.2 57.4

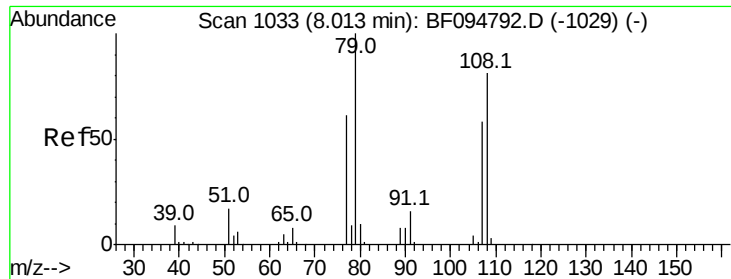


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

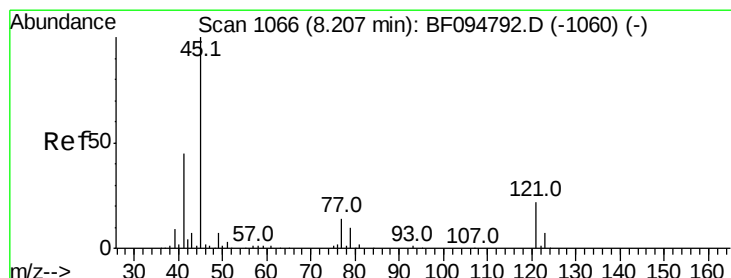
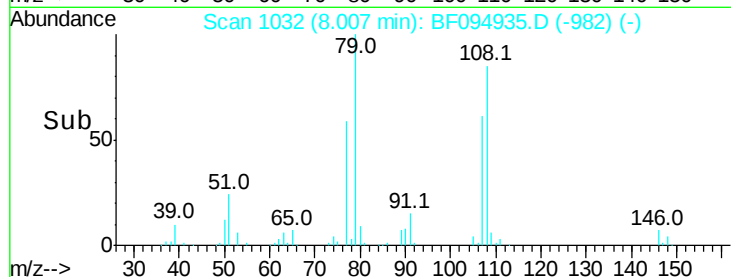
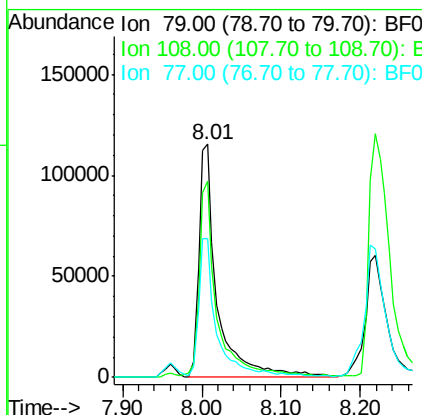
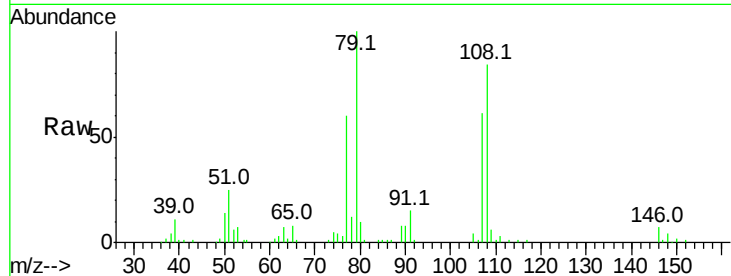




#15
Benzyl Alcohol
Concen: 44.29 ng
RT: 8.01 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

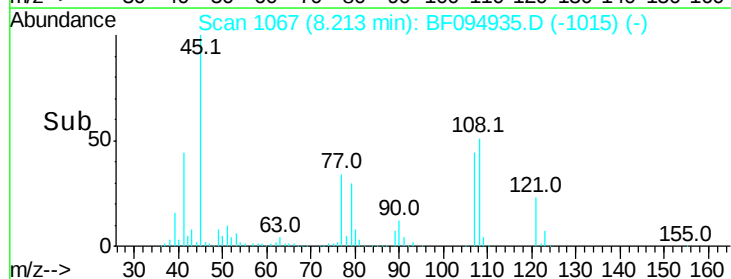
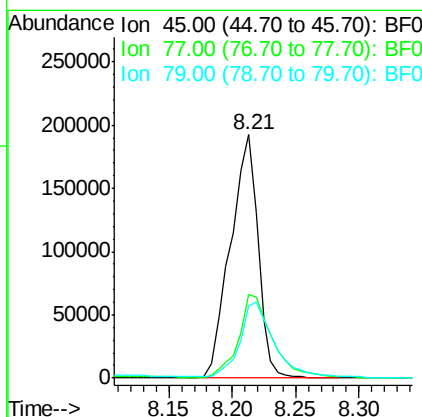
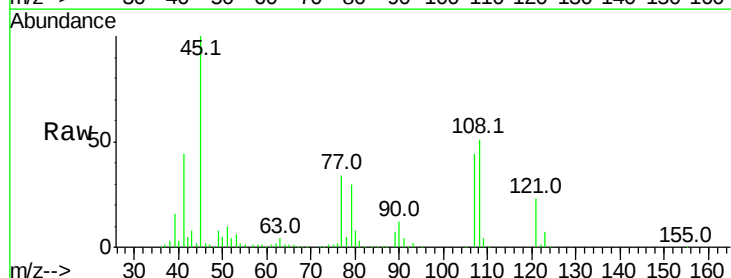
Instrument :
BNA_F
ClientSampleId :

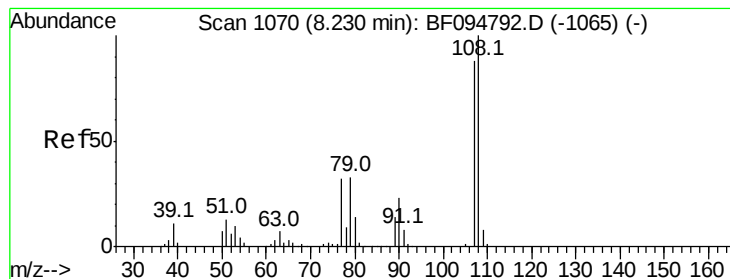
Tot Ion: 79 Resp: 189342
Ion Ratio Lower Upper
79 100
108 84.3 63.4 95.0
77 59.6 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 35.46 ng
RT: 8.21 min Scan# 1067
Delta R.T. 0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion: 45 Resp: 290186
Ion Ratio Lower Upper
45 100
77 34.2 0.0 33.2#
79 29.8 0.0 30.0





#17

2-Methylphenol

Concen: 37.73 ng

RT: 8.22 min Scan# 1068

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 194718

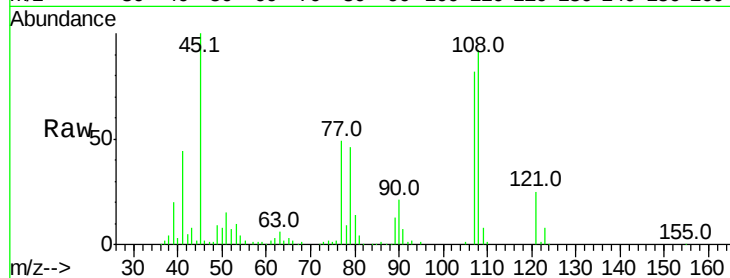
Ion Ratio Lower Upper

107 100

108 112.6 93.4 140.0

77 59.7 35.8 53.6#

79 56.6 34.8 52.2#

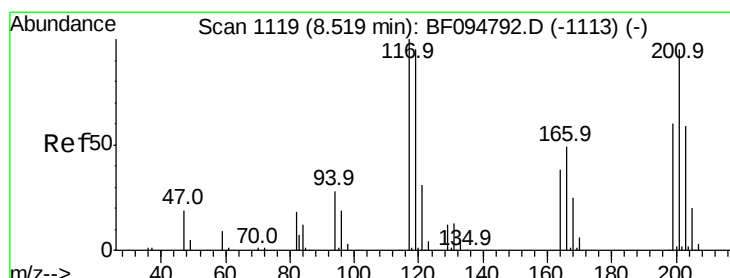
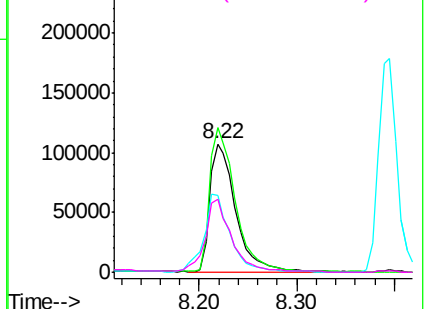
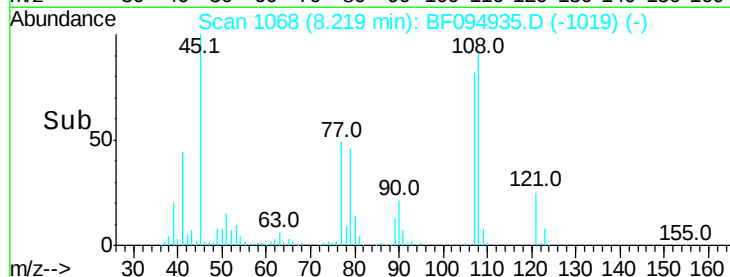


Abundance Ion 107.00 (106.70 to 107.70): E

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: 34.10 ng

RT: 8.50 min Scan# 1116

Delta R.T. -0.02 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

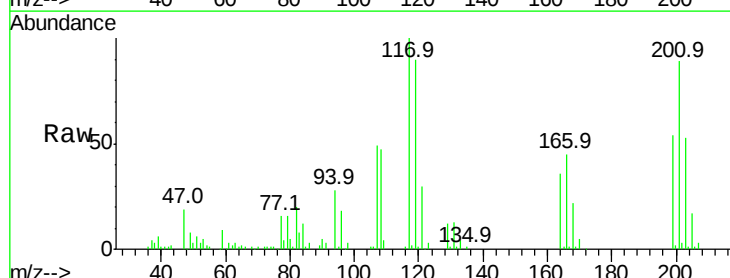
Tgt Ion:117 Resp: 83790

Ion Ratio Lower Upper

117 100

119 89.9 77.4 116.0

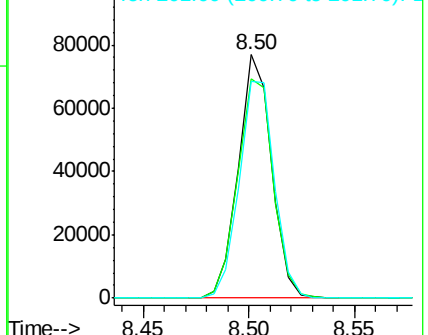
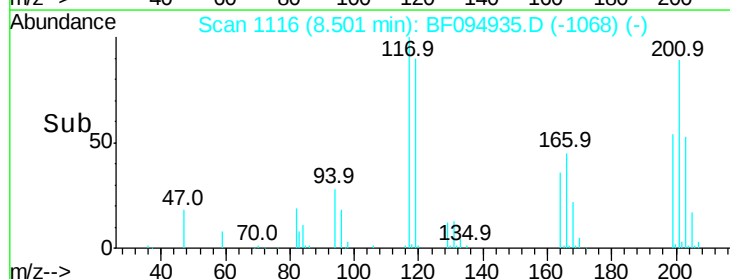
201 88.9 94.6 141.8#

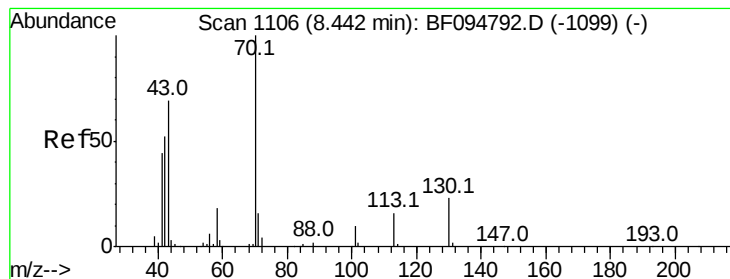


Abundance Ion 117.00 (116.70 to 117.70): E

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: 35.85 ng

RT: 8.43 min Scan# 1104

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 161185

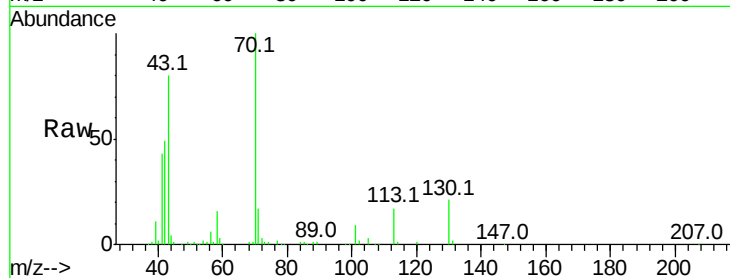
Ion Ratio Lower Upper

70 100

42 49.4 47.2 70.8

101 9.0 7.2 10.8

130 21.3 15.9 23.9

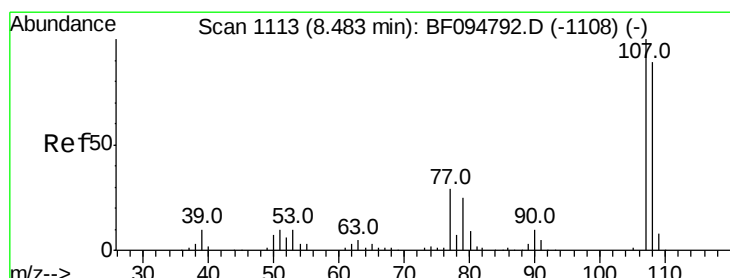
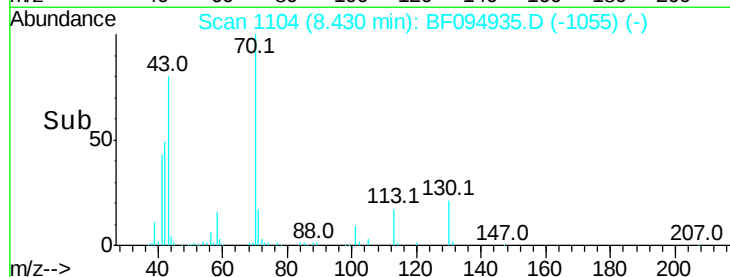
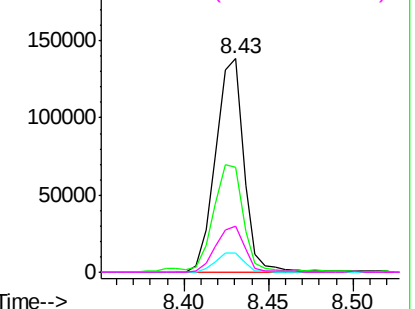


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 35.63 ng

RT: 8.48 min Scan# 1112

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Tgt Ion: 107 Resp: 249809

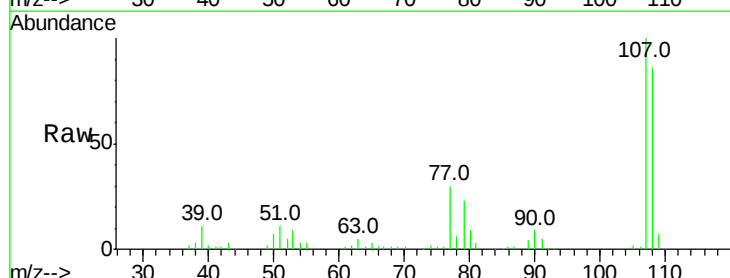
Ion Ratio Lower Upper

107 100

108 85.8 71.0 111.0

77 29.7 90.5 130.5#

79 23.5 8.4 48.4

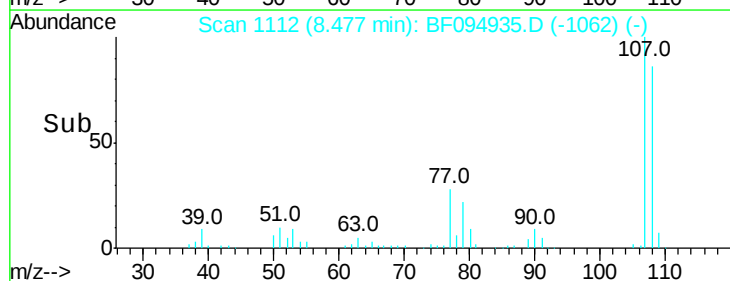
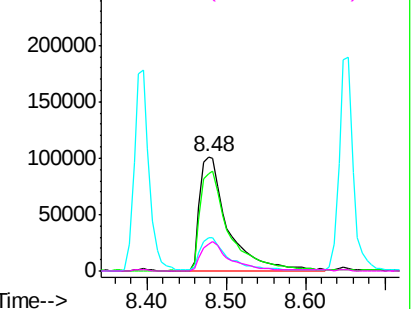


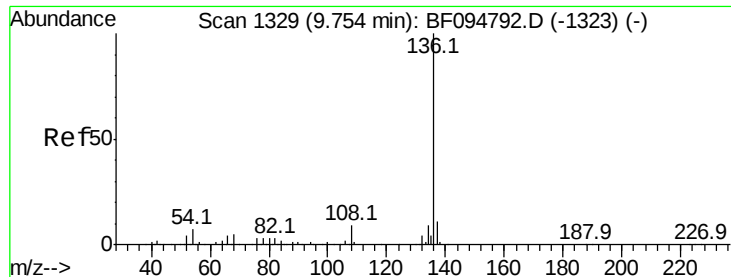
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

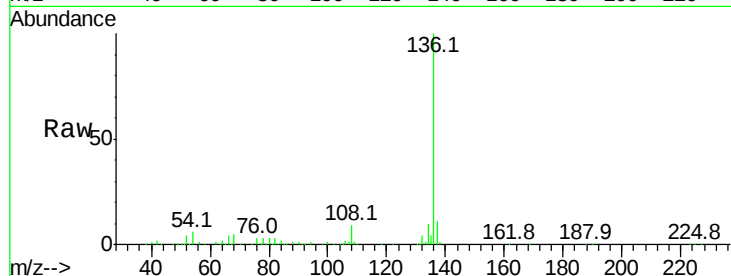




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.74 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	382105
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.5	12.7
54 6.5	4.9	7.3
68 5.2	4.1	6.1



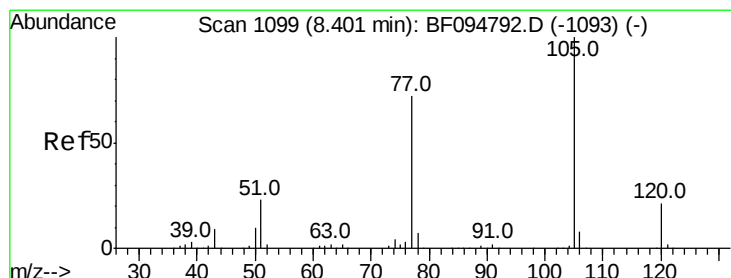
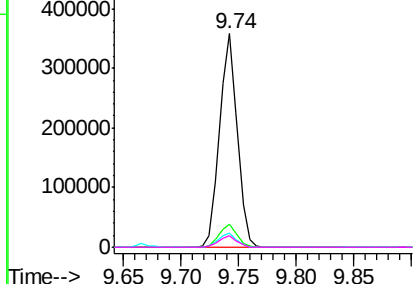
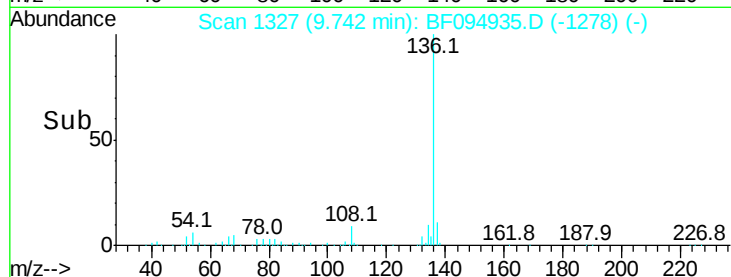
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

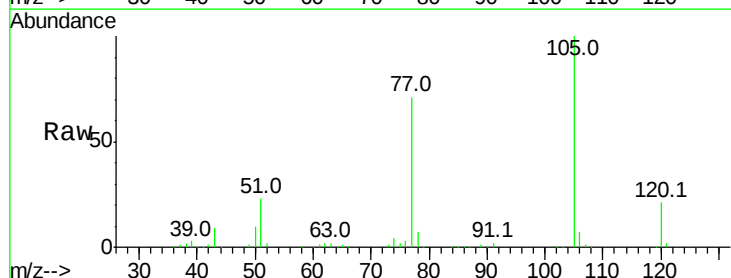
Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22
Acetophenone
Concen: 35.35 ng
RT: 8.40 min Scan# 1098
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion:105	Resp:	324064
Ion Ratio	Lower	Upper
105 100		
71 0.0	2.8	4.2#
51 22.9	30.7	46.1#
120 21.3	17.4	26.0



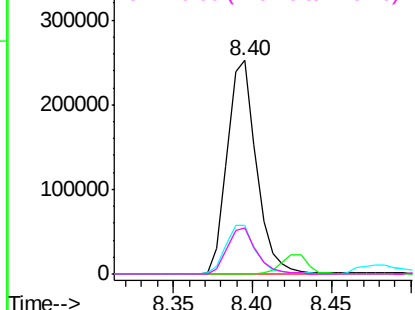
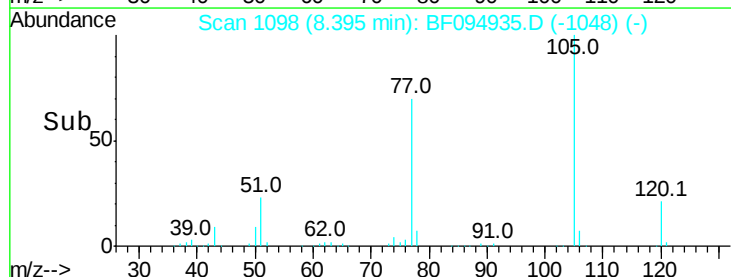
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

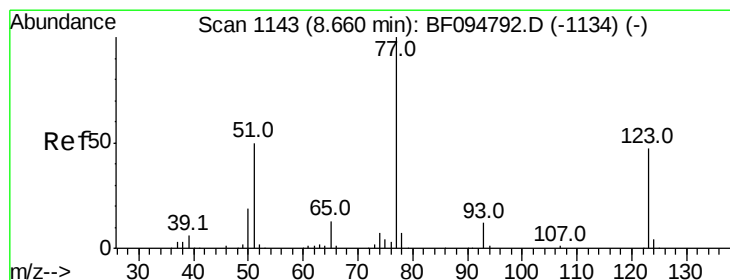
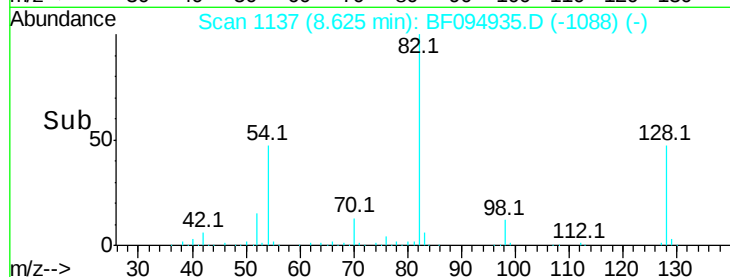
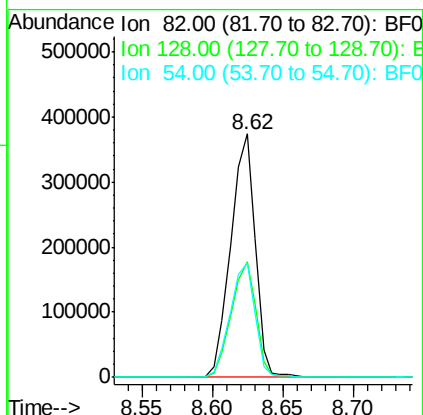
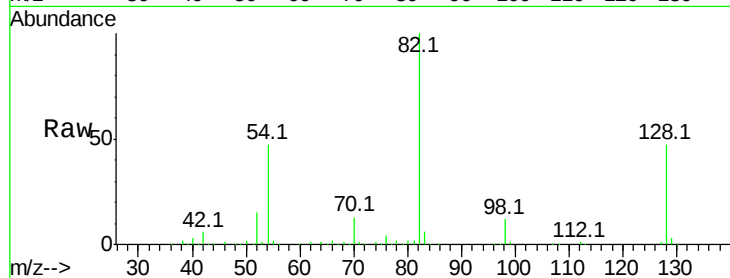




#23
 Nitrobenzene-d5
 Concen: 74.77 ng
 RT: 8.62 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

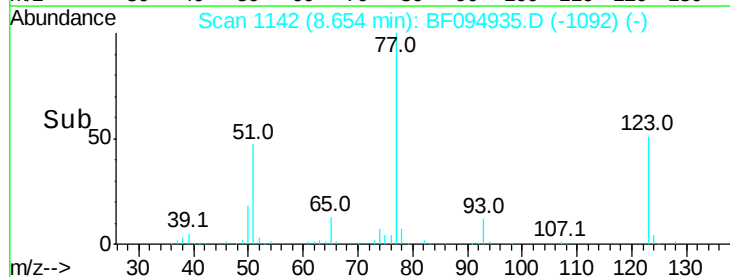
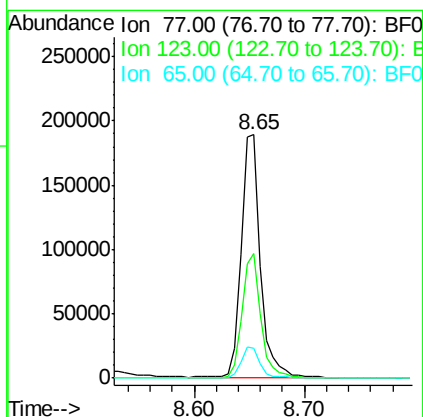
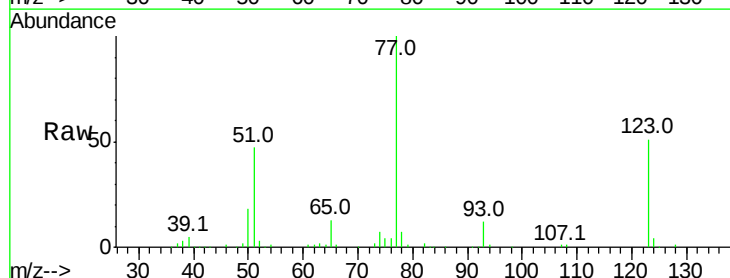
Instrument :
 BNA_F
 ClientSampleID :

Tot Ion: 82 Resp: 453074
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.0 51.0
 54 46.8 42.2 63.2



#24
 Nitrobenzene
 Concen: 36.36 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion: 77 Resp: 230967
 Ion Ratio Lower Upper
 77 100
 123 51.4 35.8 53.8
 65 12.5 10.6 15.8

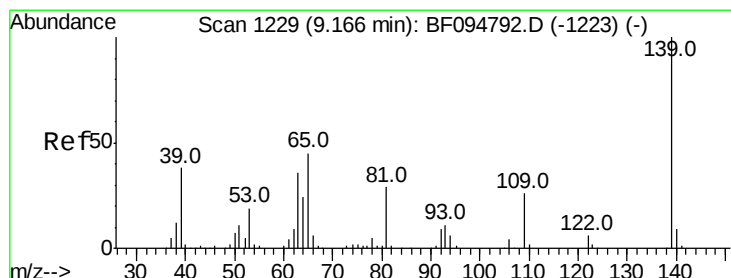
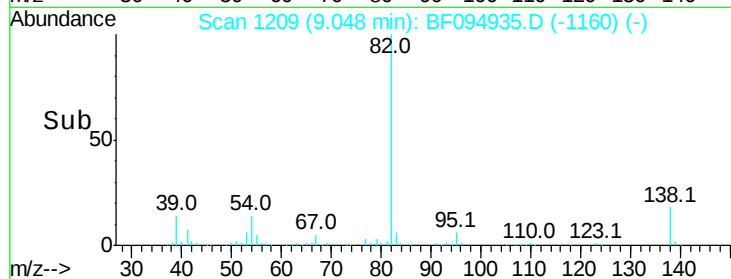
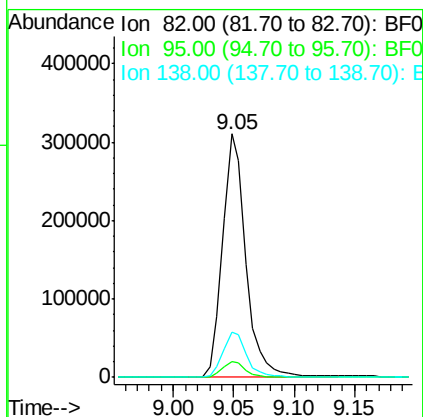
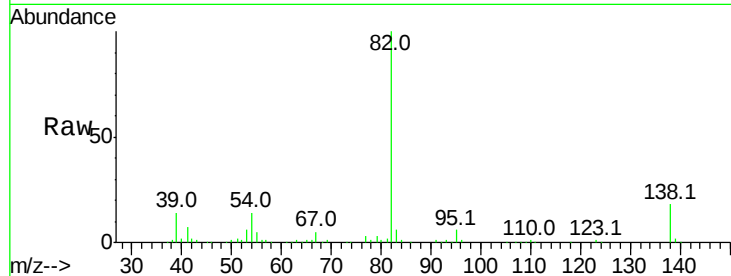




#25
Isophorone
Concen: 38.47 ng
RT: 9.05 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

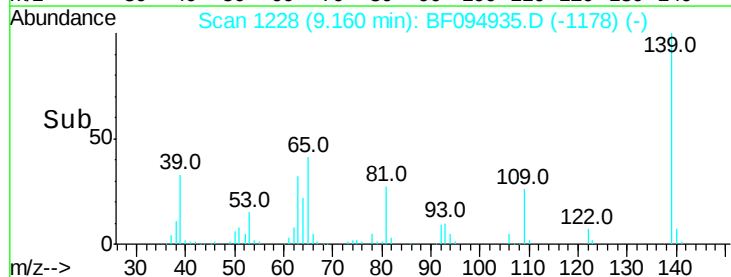
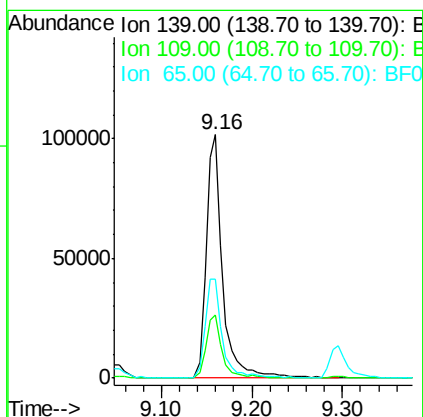
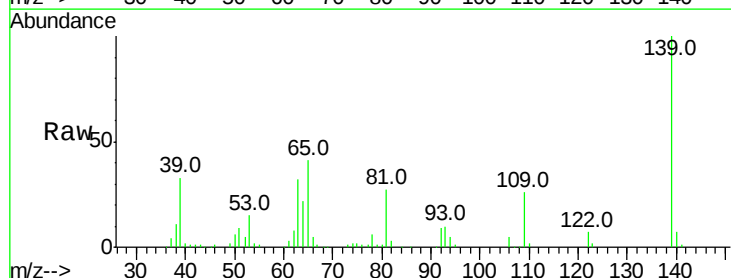
Instrument :
BNA_F
ClientSampleId :

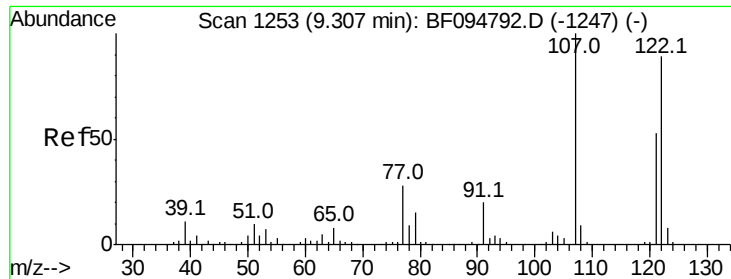
Tot Ion: 82 Resp: 416201
Ion Ratio Lower Upper
82 100
95 6.4 5.3 7.9
138 18.5 13.1 19.7



#26
2-Nitrophenol
Concen: 37.40 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion:139 Resp: 128184
Ion Ratio Lower Upper
139 100
109 25.8 21.0 31.6
65 40.7 33.0 49.6

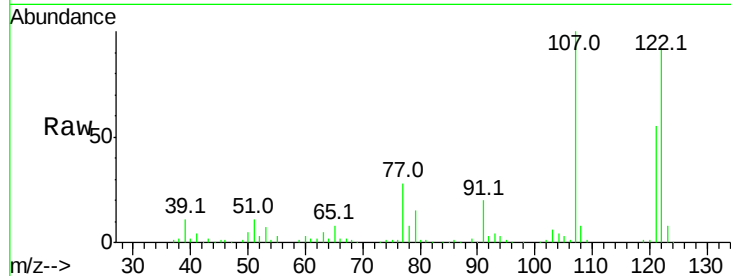




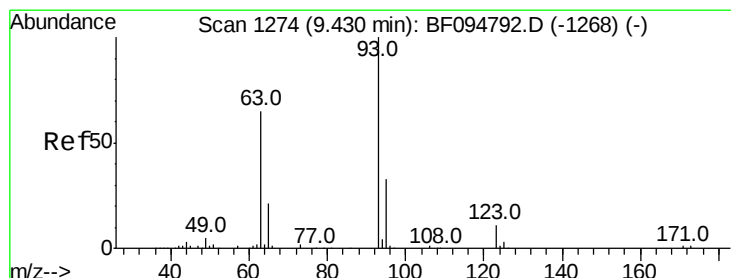
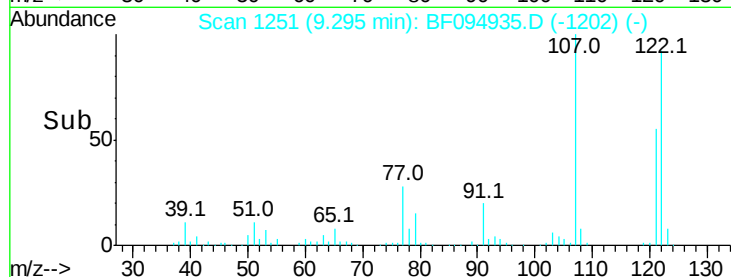
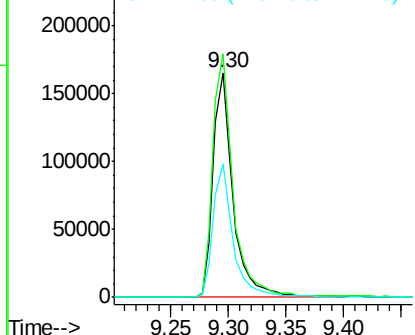
#27
 2,4-Dimethylphenol
 Concen: 36.02 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:122 Resp: 199612
 Ion Ratio Lower Upper
 122 100
 107 108.3 89.2 133.8
 121 59.4 45.2 67.8

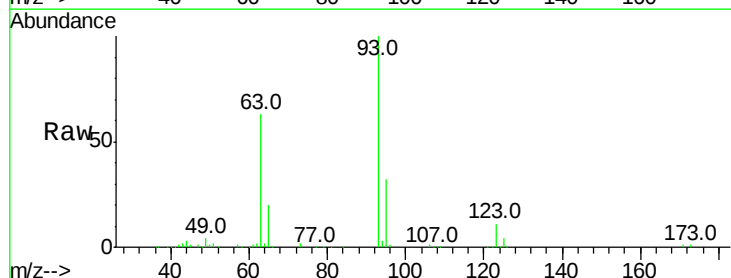


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

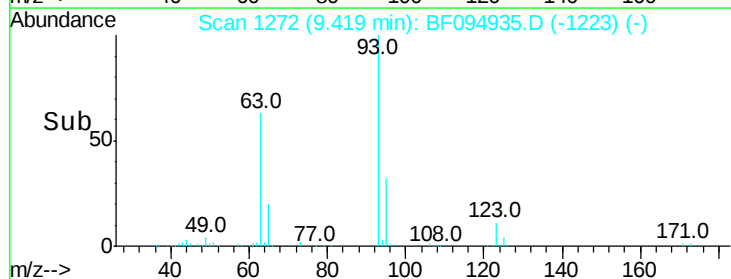
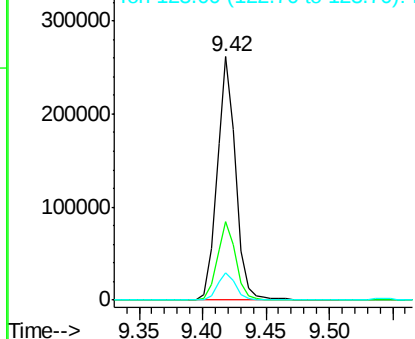


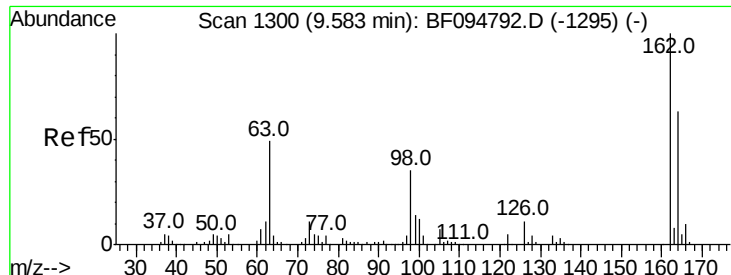
#28
 bis(2-Chloroethoxy)methane
 Concen: 35.83 ng
 RT: 9.42 min Scan# 1272
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion: 93 Resp: 268181
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.5 39.7
 123 11.1 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

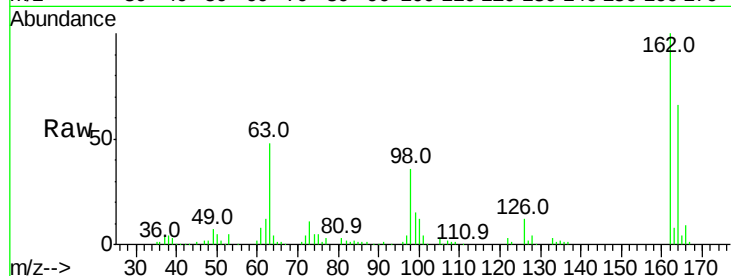




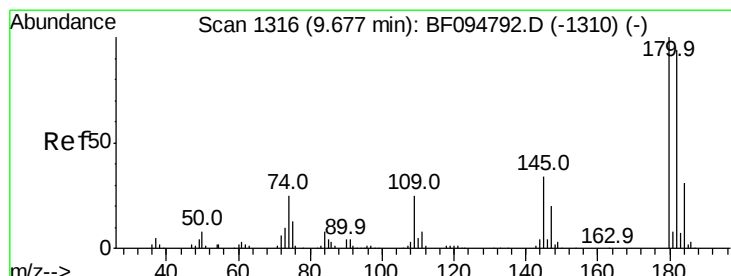
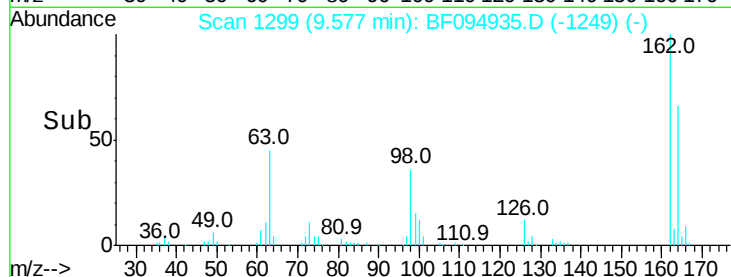
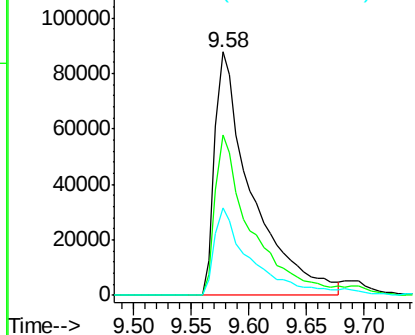
#29
 2,4-Dichlorophenol
 Concen: 37.58 ng
 RT: 9.58 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	66.0	44.6	84.6
98	35.7	14.8	54.8

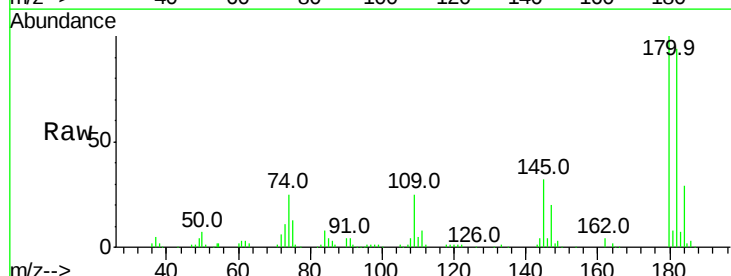


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

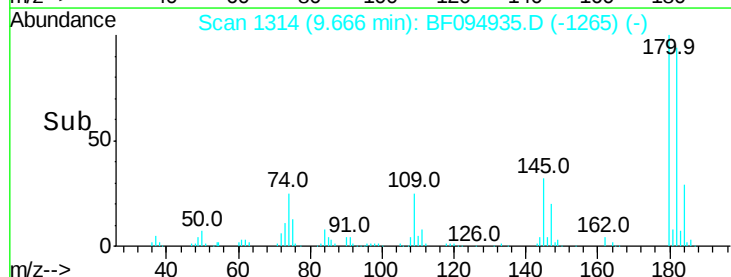
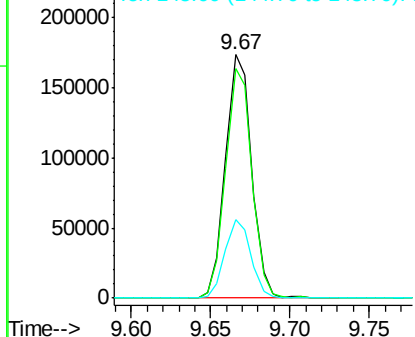


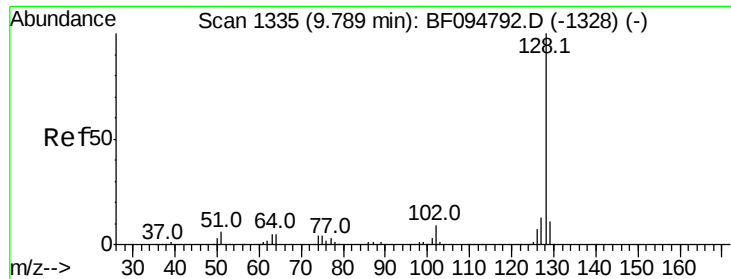
#30
 1,2,4-Trichlorobenzene
 Concen: 35.48 ng
 RT: 9.67 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.0	75.8	113.6
145	32.0	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

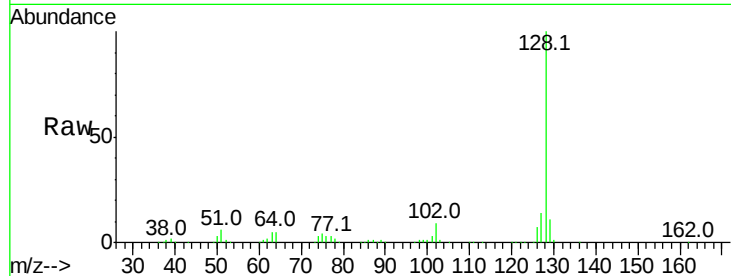




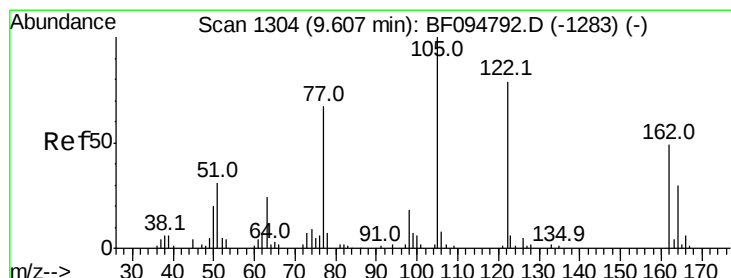
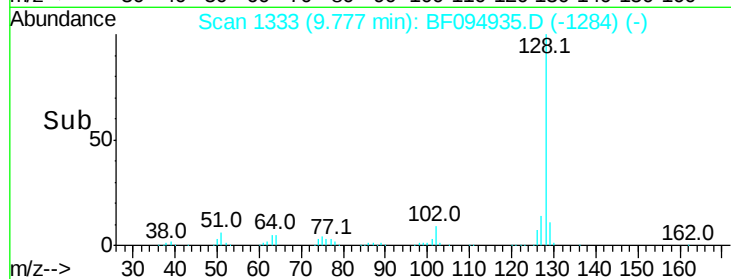
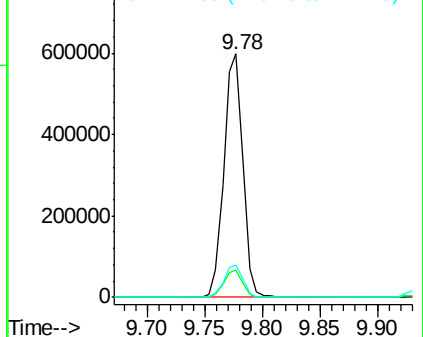
#31
Naphthalene
Concen: 35.25 ng
RT: 9.78 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.6	10.8	16.2

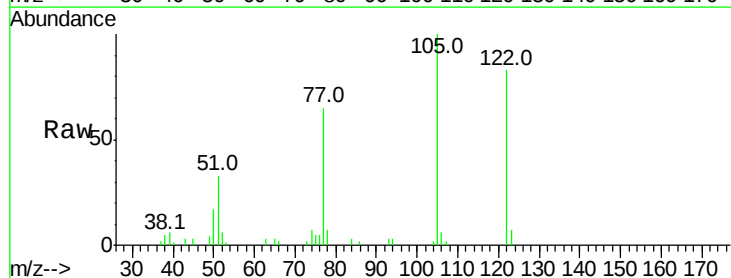


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

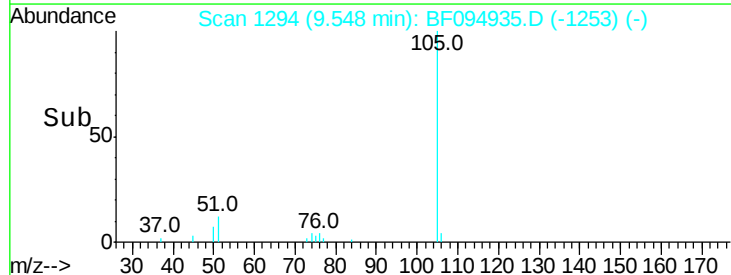
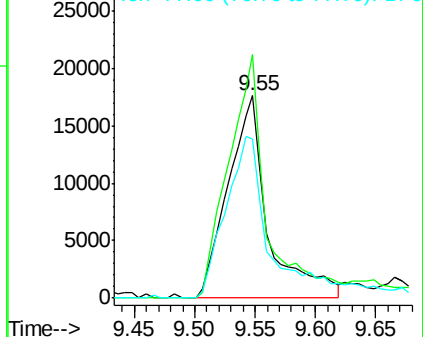


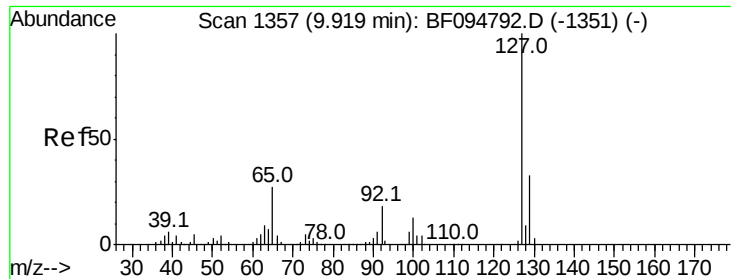
#32
Benzoic acid
Concen: 15.07 ng
RT: 9.55 min Scan# 1294
Delta R.T. -0.06 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Lower	Upper
122	100		
105	120.4	103.3	143.3
77	78.8	73.7	113.7



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

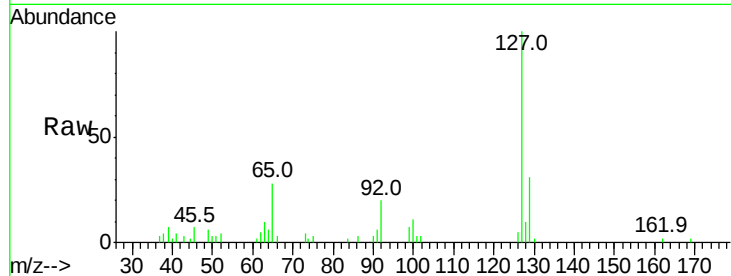




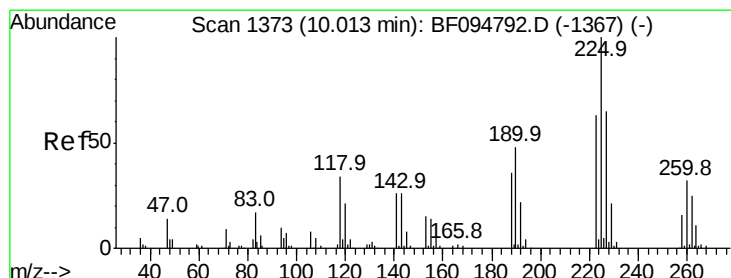
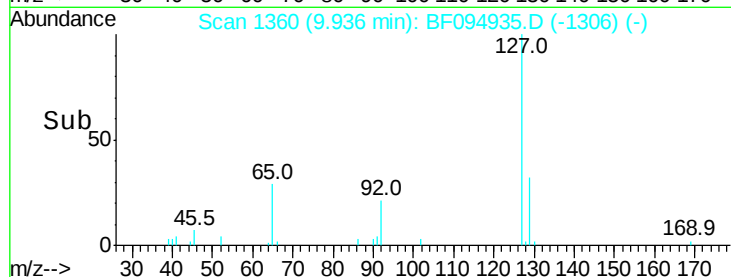
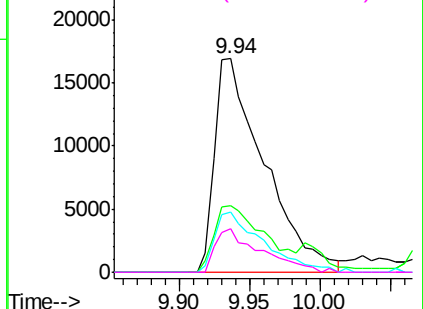
#33
4-Chloroaniline
Concen: 5.77 ng
RT: 9.94 min Scan# 1360
Delta R.T. 0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	41316
Ion	Ratio	Lower	Upper
127	100		
129	31.0	26.2	39.2
65	27.9	27.8	41.8
92	20.1	16.8	25.2

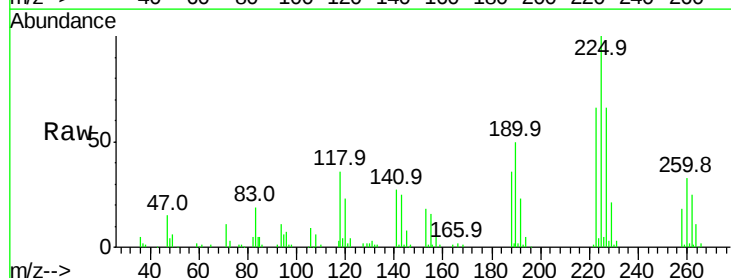


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

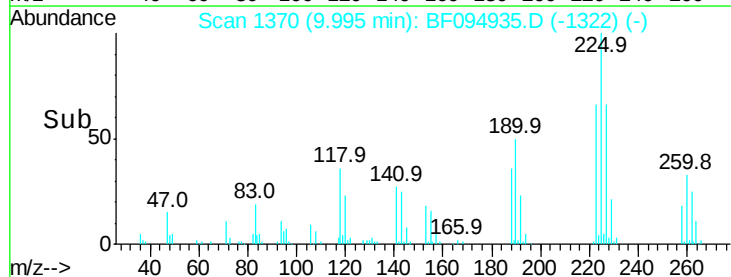
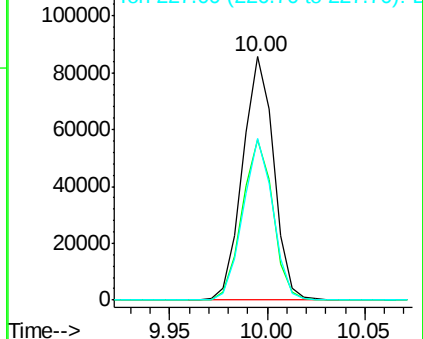


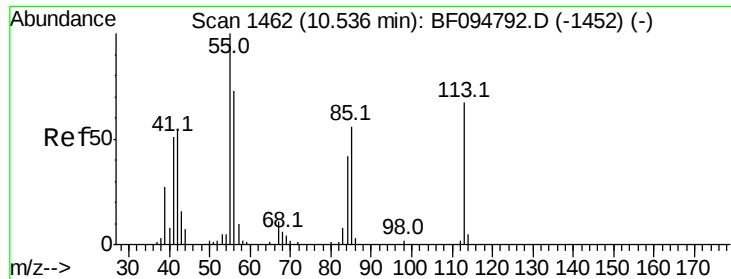
#34
Hexachlorobutadiene
Concen: 32.00 ng
RT: 10.00 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion:	225	Resp:	94630
Ion	Ratio	Lower	Upper
225	100		
223	65.7	48.8	73.2
227	66.2	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: 16.43 ng

RT: 10.52 min Scan# 1460

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

ClientSampleId :

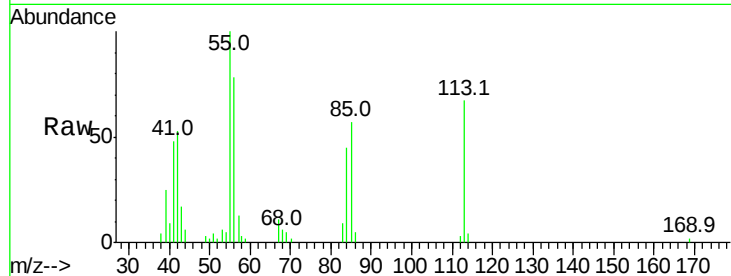
Tot Ion:113 Resp: 25810

Ion Ratio Lower Upper

113 100

55 149.6 150.2 190.2#

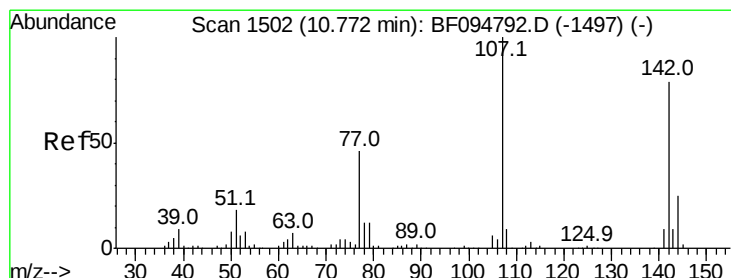
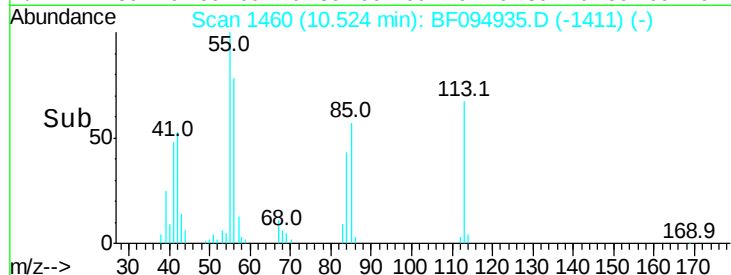
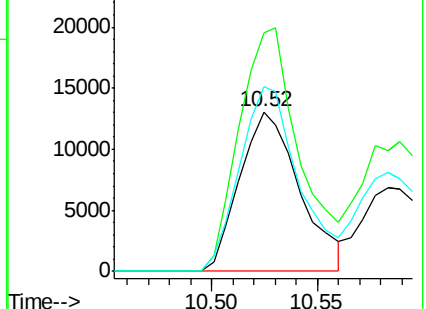
56 116.2 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 37.61 ng

RT: 10.77 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

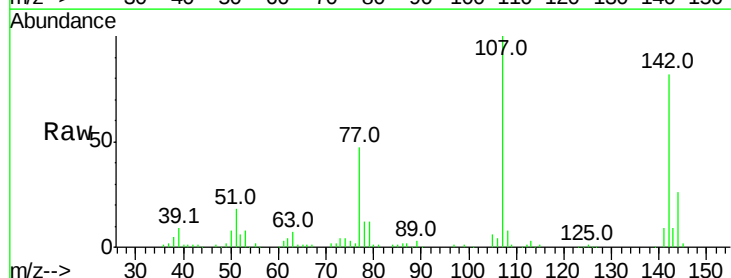
Tgt Ion:107 Resp: 210402

Ion Ratio Lower Upper

107 100

144 26.2 24.2 36.4

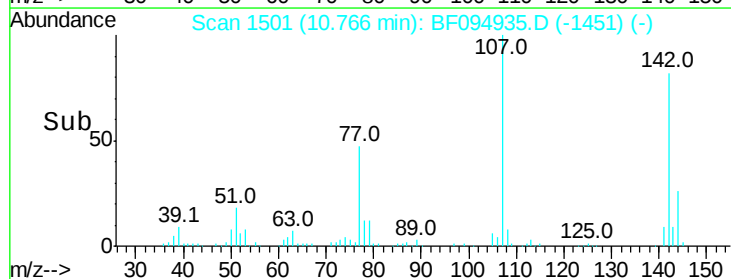
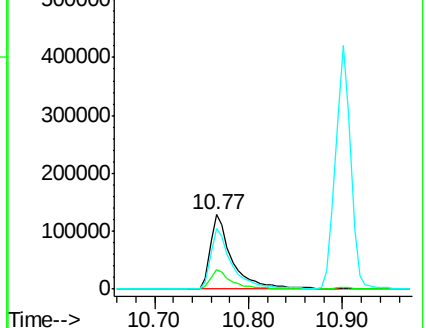
142 82.3 73.4 110.0

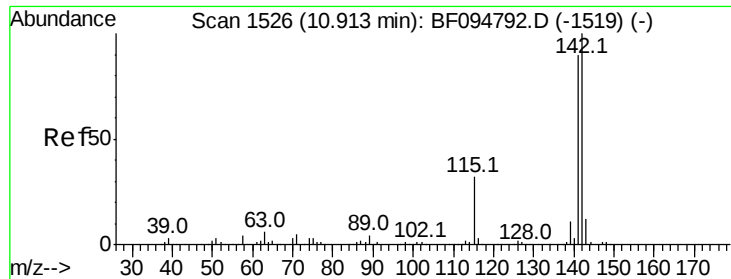


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

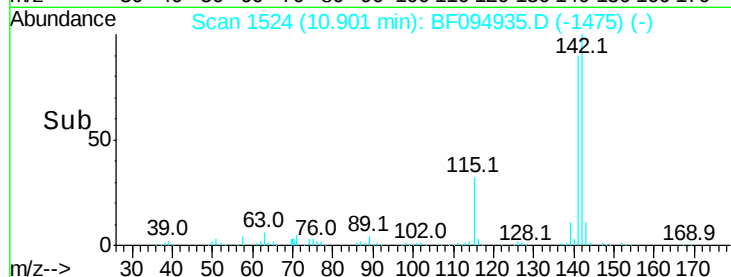
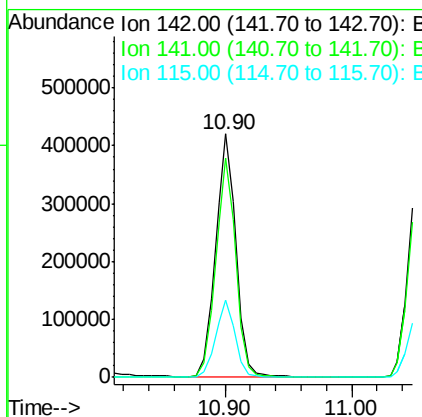
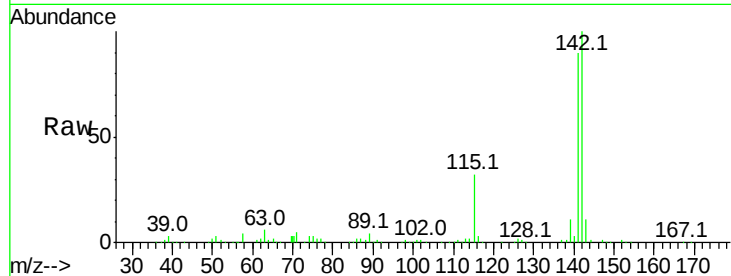




#37
2-Methylnaphthalene
Concen: 37.54 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

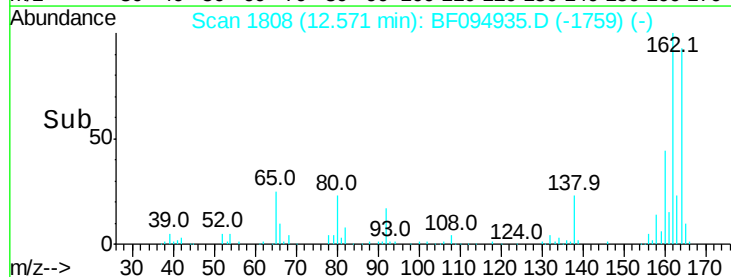
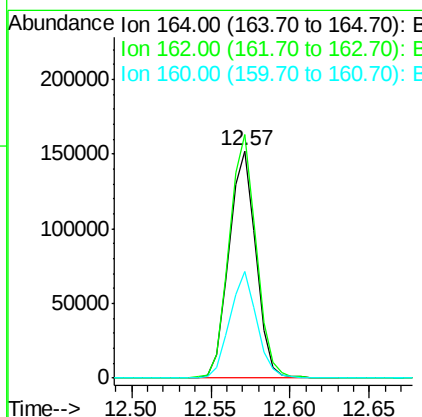
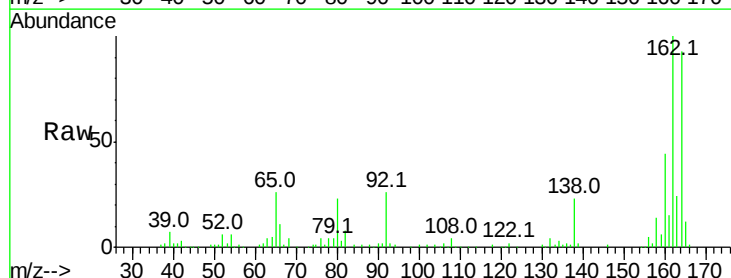
Instrument :
BNA_F
ClientSampleId :

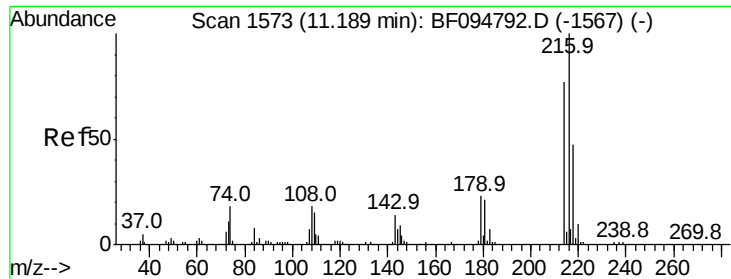
Tot Ion:142 Resp: 473141
Ion Ratio Lower Upper
142 100
141 89.8 71.3 106.9
115 31.9 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion:164 Resp: 179374
Ion Ratio Lower Upper
164 100
162 107.0 82.6 123.8
160 46.7 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 34.27 ng

RT: 11.18 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 189057

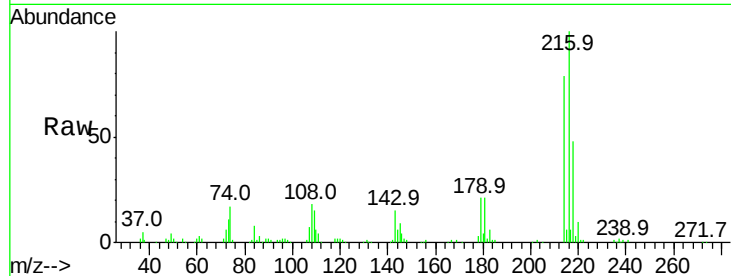
Ion Ratio Lower Upper

216 100

214 79.2 63.4 95.2

179 21.1 17.9 26.9

108 19.8 16.5 24.7

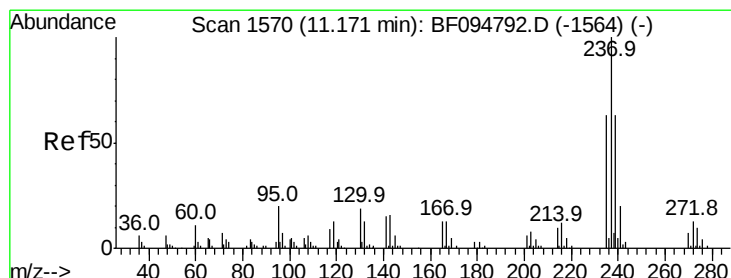
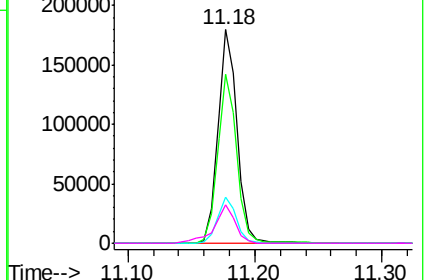
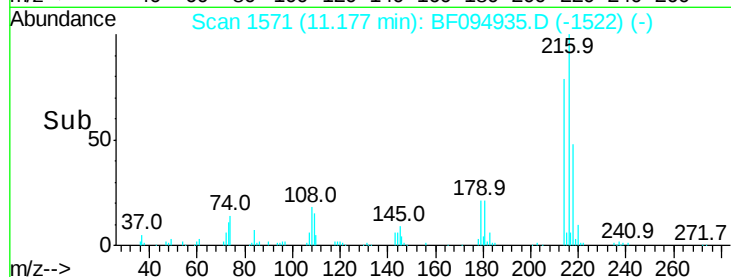


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 66.23 ng

RT: 11.16 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

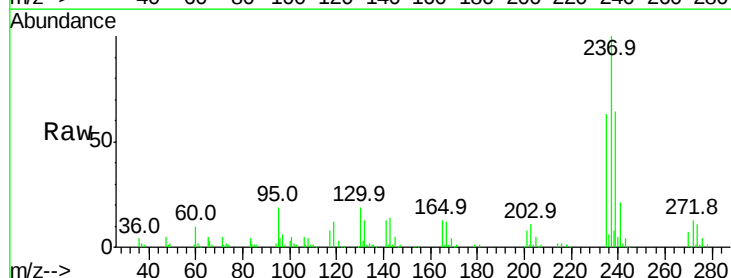
Tgt Ion:237 Resp: 150981

Ion Ratio Lower Upper

237 100

235 63.2 42.6 82.6

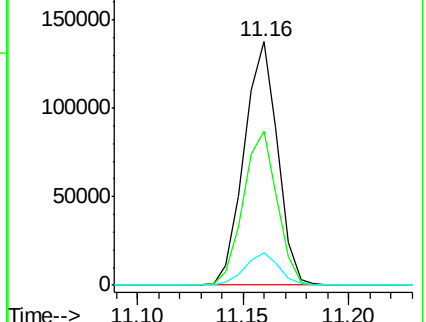
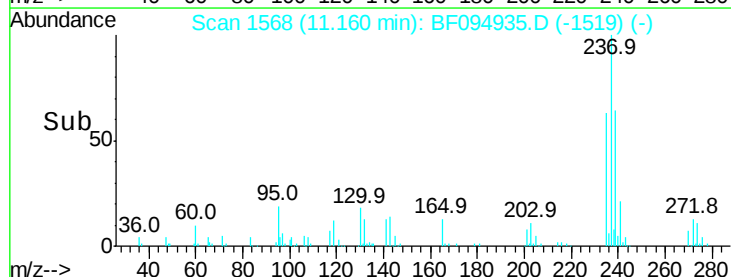
272 13.3 0.0 31.9

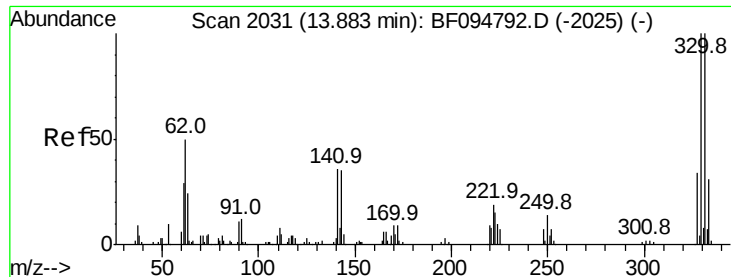


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

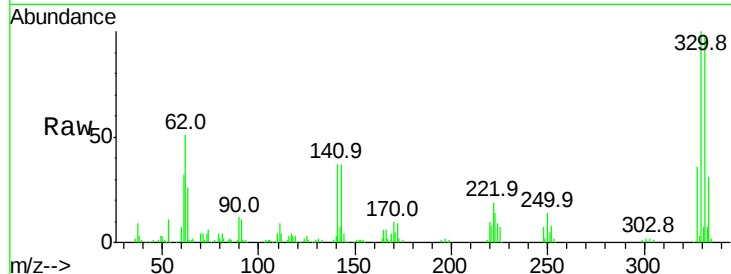




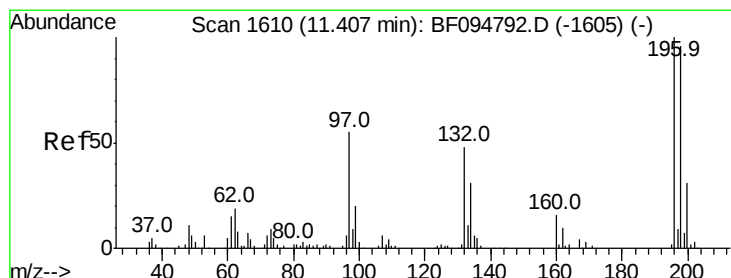
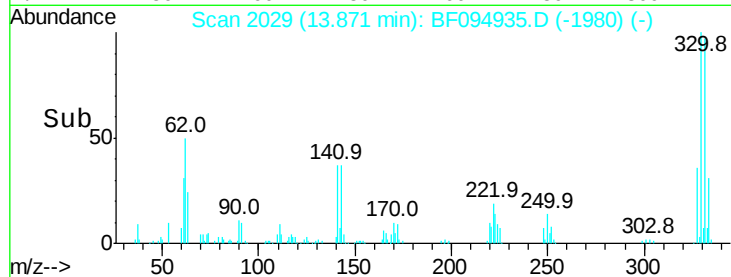
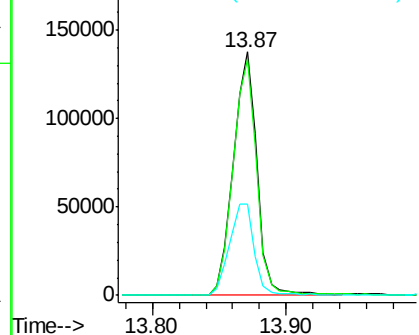
#41
 2,4,6-Tribromophenol
 Concen: 117.17 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.6	115.0
141	40.0	31.4	47.2

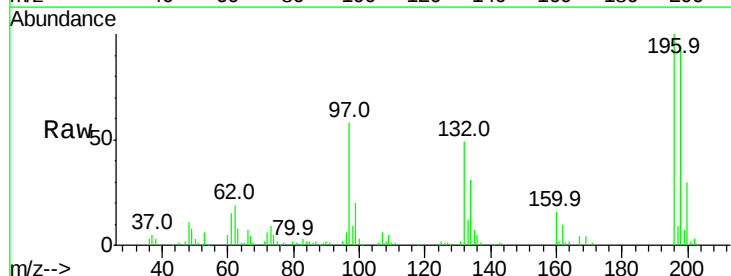


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

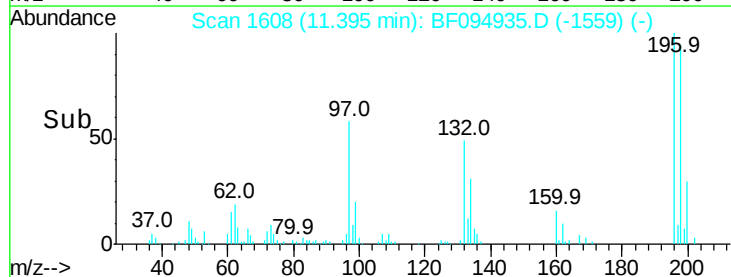
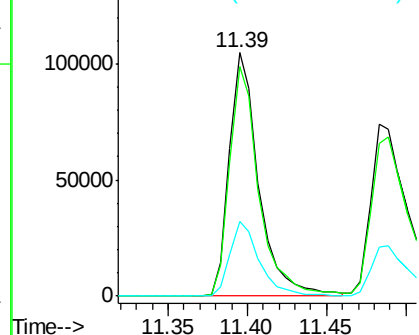


#42
 2,4,6-Trichlorophenol
 Concen: 36.62 ng
 RT: 11.39 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.4	74.2	111.4
200	30.4	24.0	36.0



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

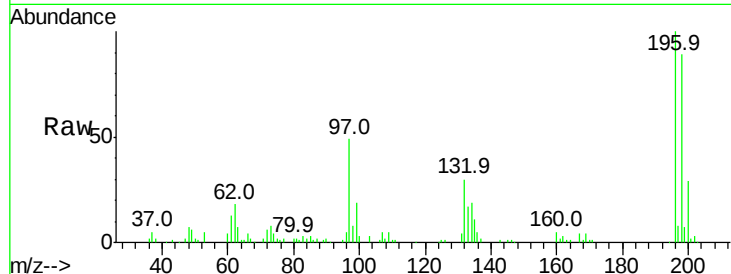




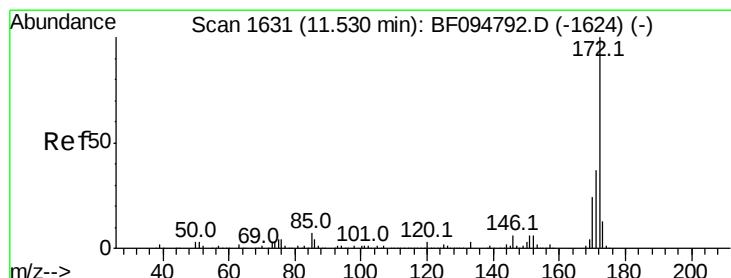
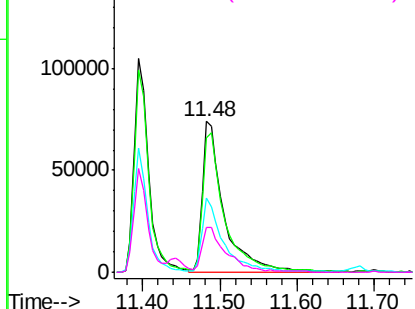
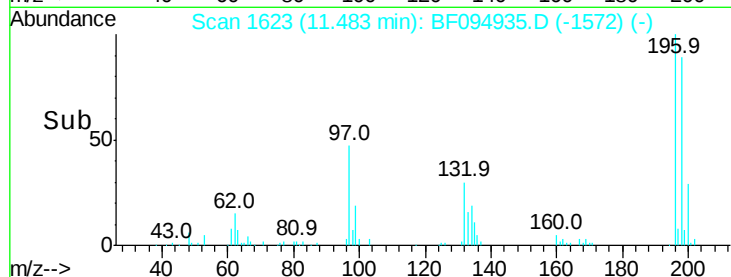
#43
 2,4,5-Trichlorophenol
 Concen: 36.54 ng
 RT: 11.48 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 144643
 Ion Ratio Lower Upper
 196 100
 198 89.0 75.7 113.5
 97 49.1 47.7 71.5
 132 29.5 28.0 42.0

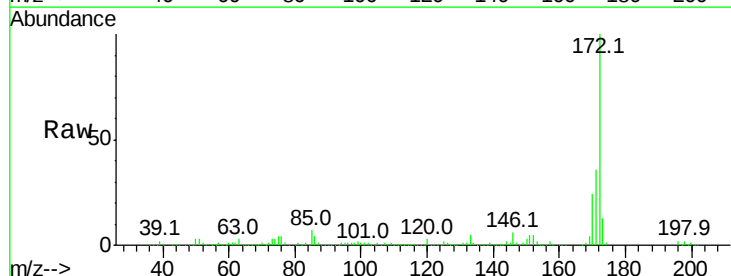


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

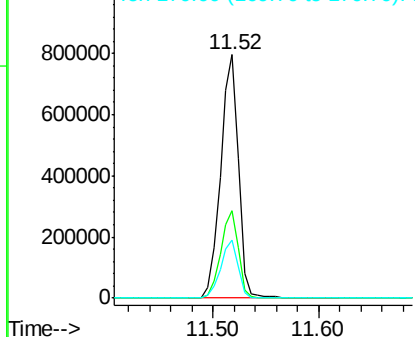
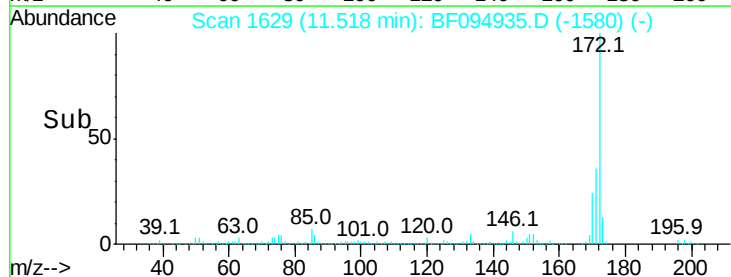


#44
 2-Fluorobiphenyl
 Concen: 75.58 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion:172 Resp: 941842
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.6 44.4
 170 24.0 19.8 29.8



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





#45

1,1'-Biphenyl

Concen: 36.69 ng

RT: 11.67 min Scan# 1654

Delta R.T. -0.02 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

ClientSampleId :

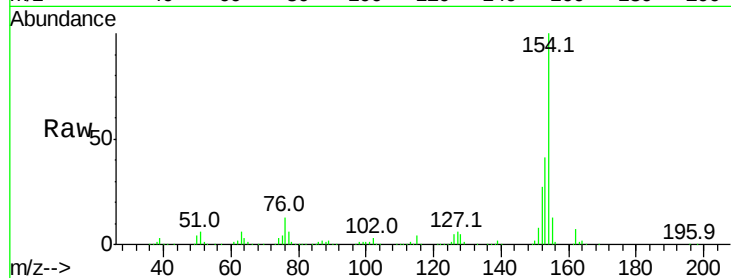
Tot Ion:154 Resp: 554173

Ion Ratio Lower Upper

154 100

153 41.0 21.2 61.2

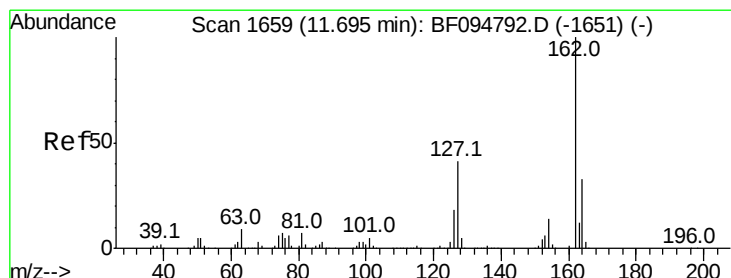
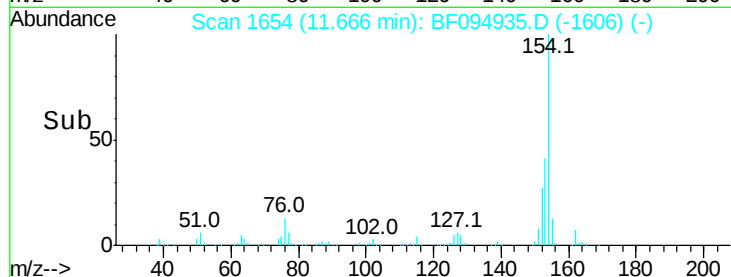
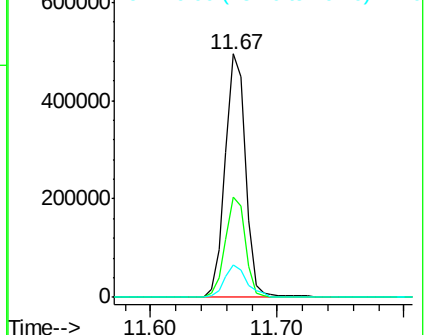
76 13.1 0.0 29.9



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF0



#46

2-Chloronaphthalene

Concen: 35.80 ng

RT: 11.68 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

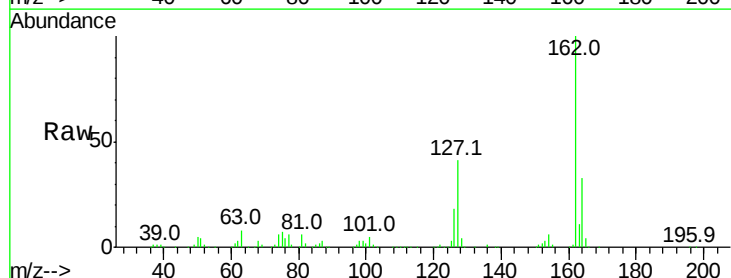
Tgt Ion:162 Resp: 436513

Ion Ratio Lower Upper

162 100

127 40.5 28.3 42.5

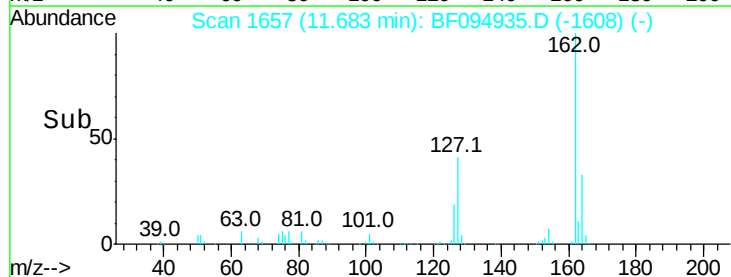
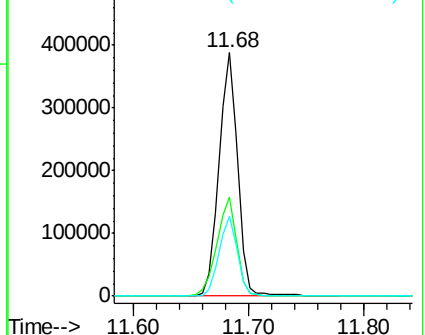
164 33.0 27.0 40.4



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E

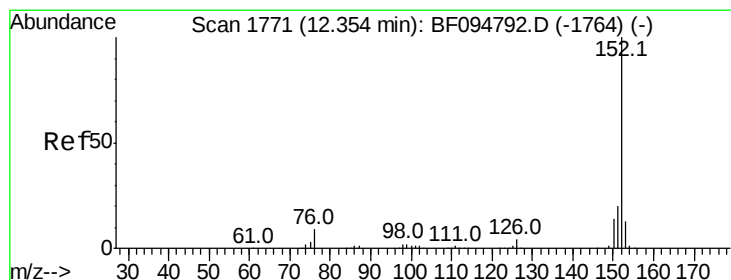
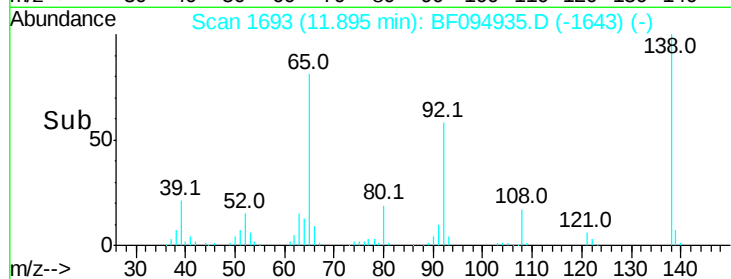
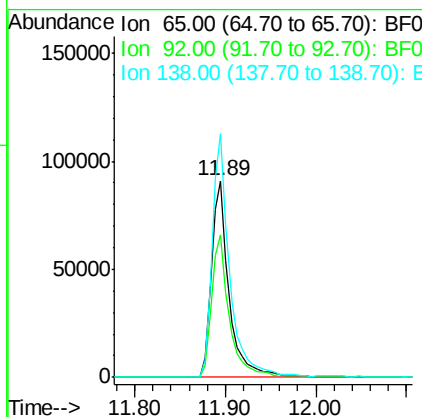
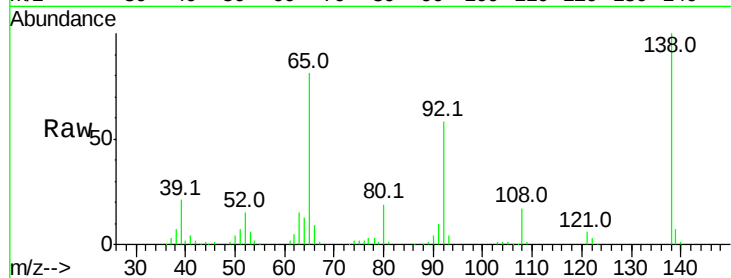




#47
 2-Nitroaniline
 Concen: 36.94 ng
 RT: 11.89 min Scan# 1693
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

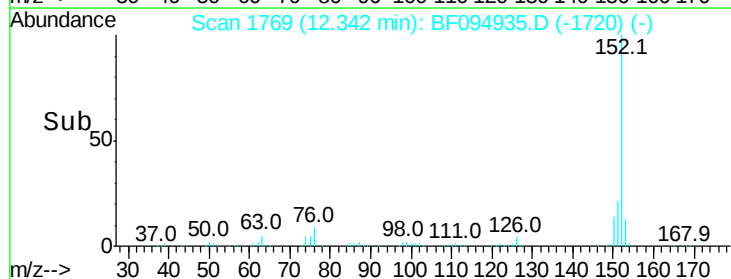
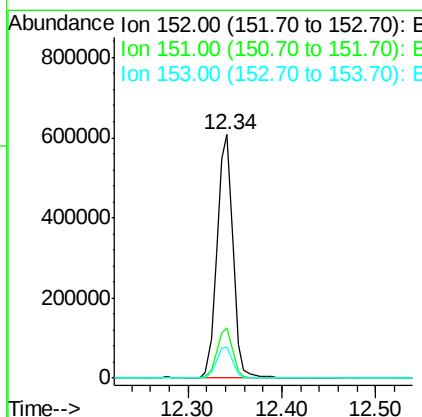
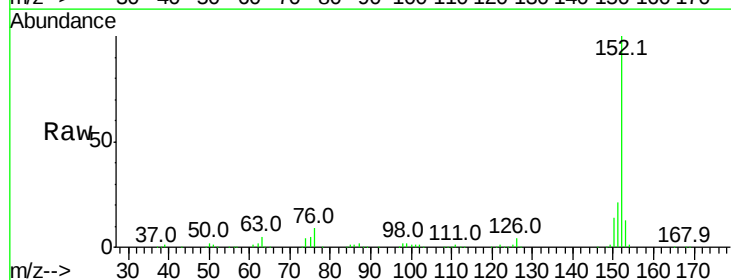
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 65 Resp: 123286
 Ion Ratio Lower Upper
 65 100
 92 72.5 53.9 80.9
 138 123.9 78.8 118.2#



#48
 Acenaphthylene
 Concen: 37.92 ng
 RT: 12.34 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion:152 Resp: 724225
 Ion Ratio Lower Upper
 152 100
 151 20.6 16.8 25.2
 153 12.6 10.8 16.2





#49

Dimethylphthalate

Concen: 47.31 ng

RT: 12.21 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

ClientSampleId :

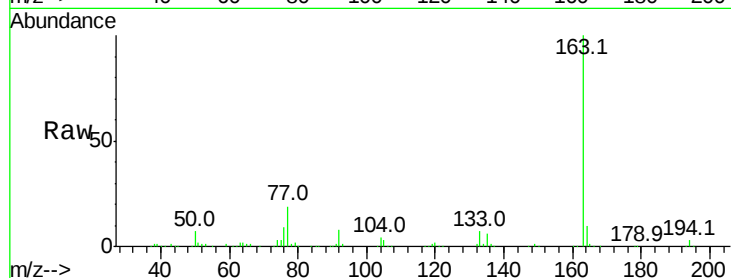
Tot Ion:163 Resp: 696740

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

164 10.4 8.4 12.6

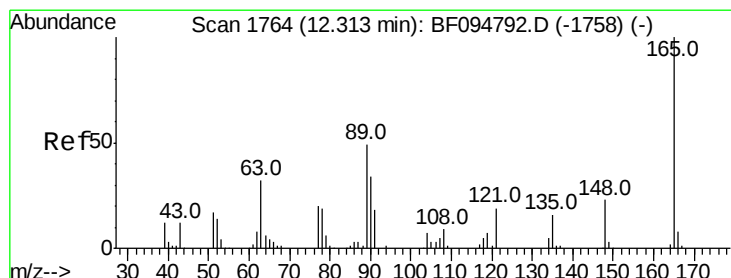
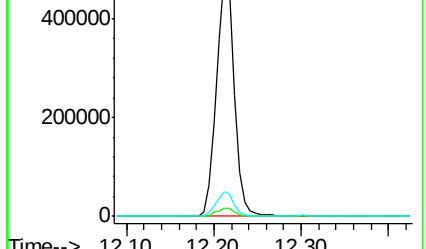
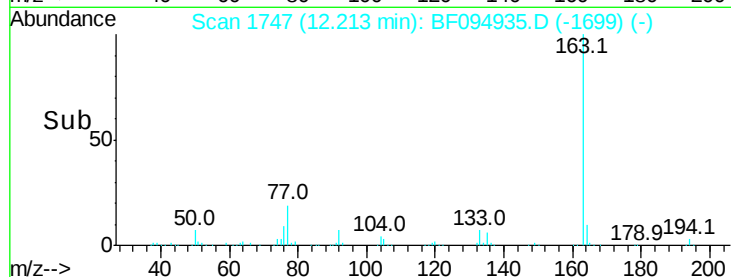


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



#50

2,6-Dinitrotoluene

Concen: 39.88 ng

RT: 12.30 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

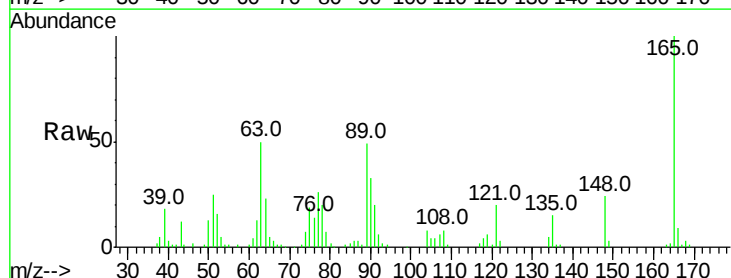
Tgt Ion:165 Resp: 119811

Ion Ratio Lower Upper

165 100

63 50.3 34.3 51.5

89 49.1 37.1 55.7

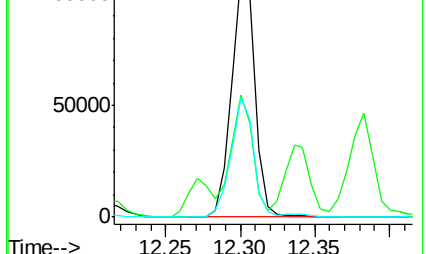
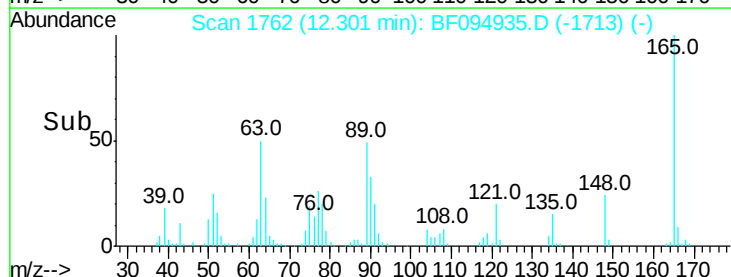


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Time-->

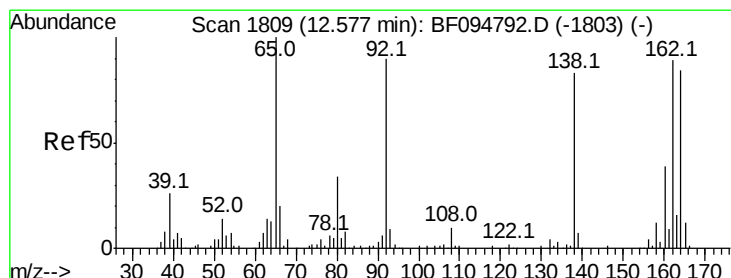
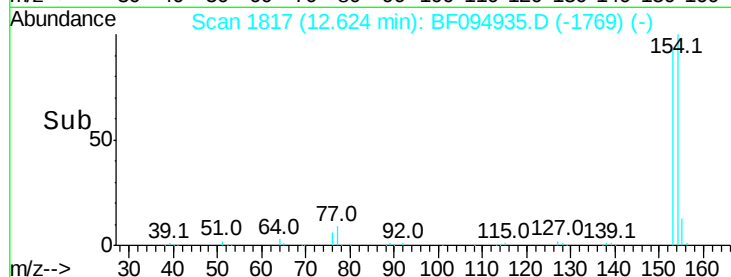
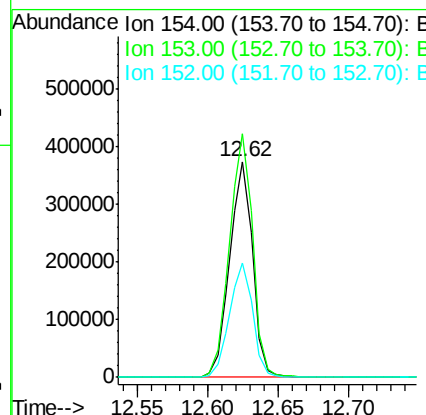
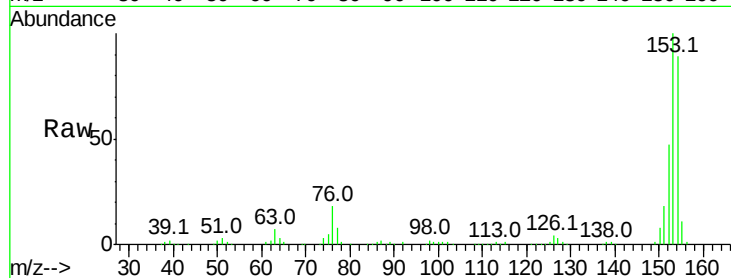




#51
Acenaphthene
Concen: 36.95 ng
RT: 12.62 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

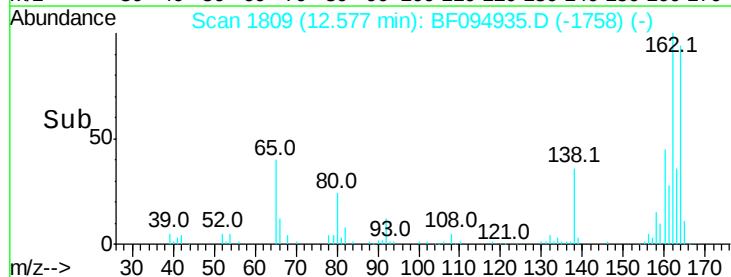
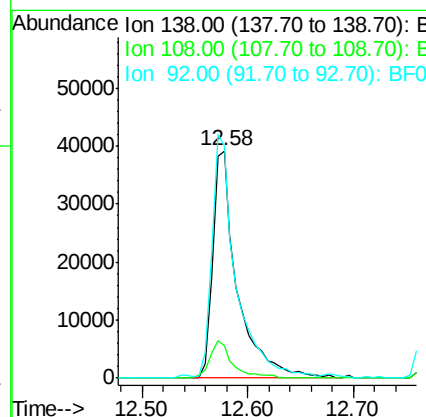
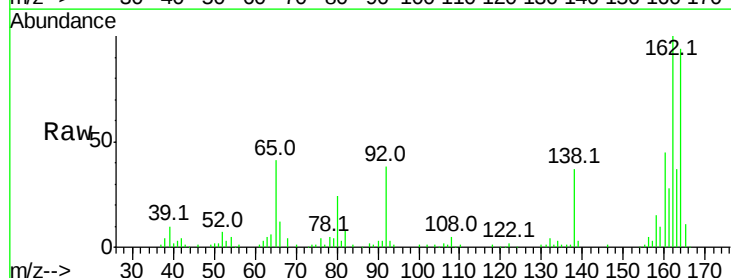
Instrument :
BNA_F
ClientSampleId :

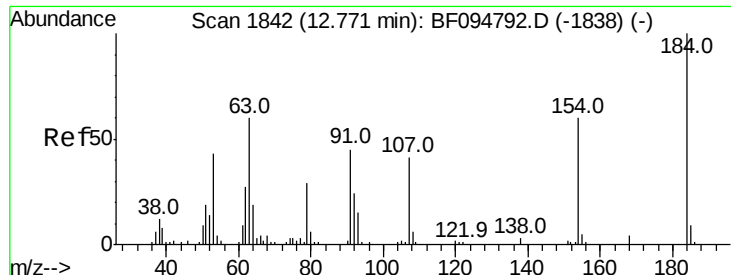
Tot Ion:154 Resp: 421520
Ion Ratio Lower Upper
154 100
153 112.9 90.5 135.7
152 53.1 43.6 65.4



#52
3-Nitroaniline
Concen: 19.73 ng
RT: 12.58 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion:138 Resp: 63602
Ion Ratio Lower Upper
138 100
108 14.4 9.1 13.7#
92 102.3 93.8 140.6

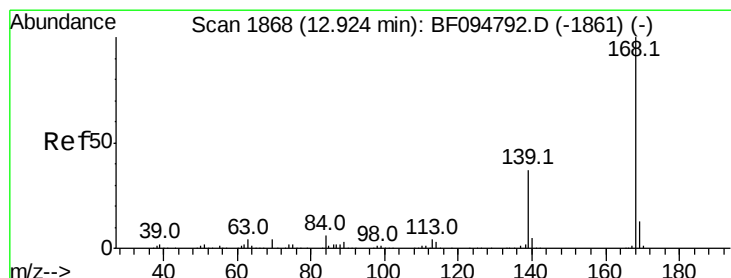
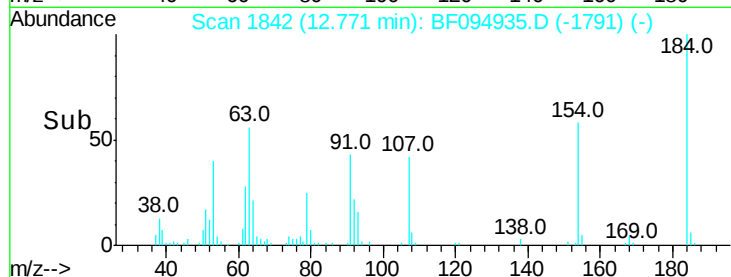
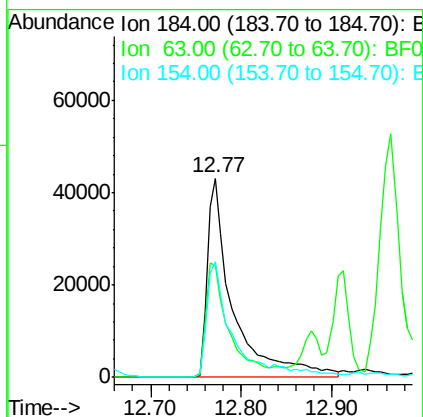
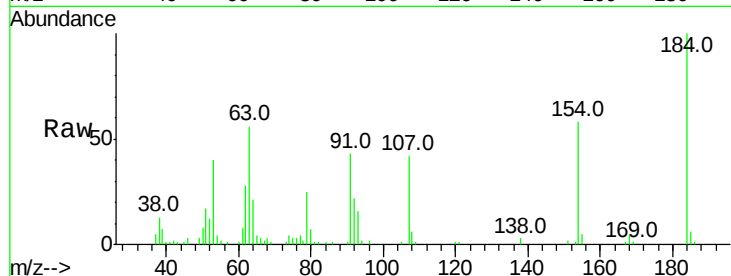




#53
 2,4-Dinitrophenol
 Concen: 53.62 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

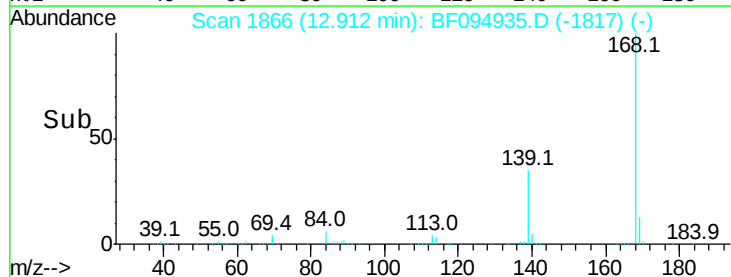
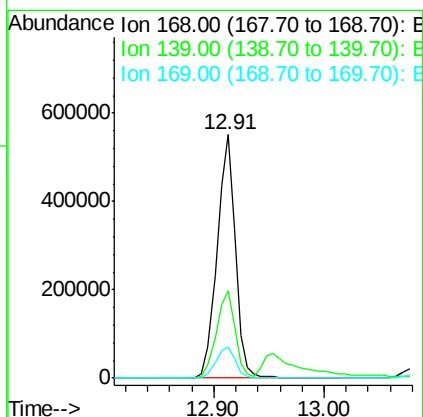
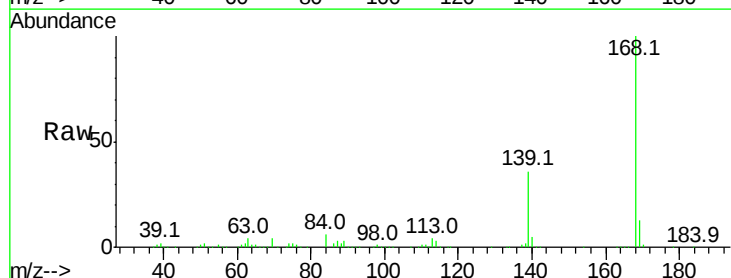
Instrument :
 BNA_F
 ClientSampled :

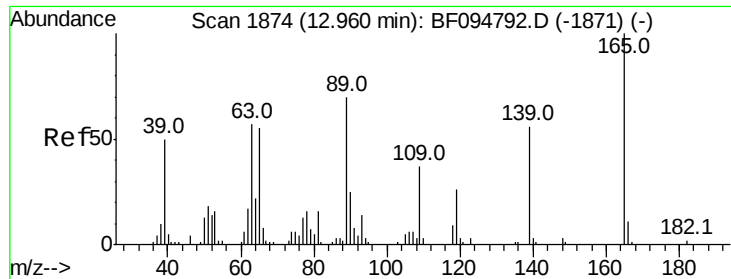
Tot Ion:184 Resp: 85026
 Ion Ratio Lower Upper
 184 100
 63 55.8 62.7 94.1#
 154 57.9 81.1 121.7#



#54
 Dibenzofuran
 Concen: 40.10 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion:168 Resp: 633111
 Ion Ratio Lower Upper
 168 100
 139 35.9 30.6 45.8
 169 12.7 10.8 16.2

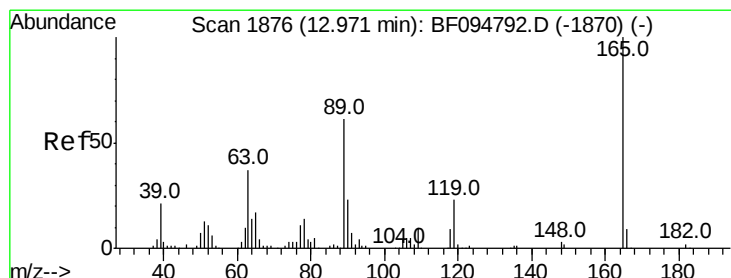
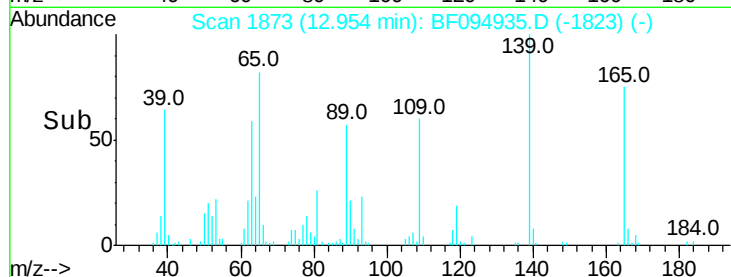
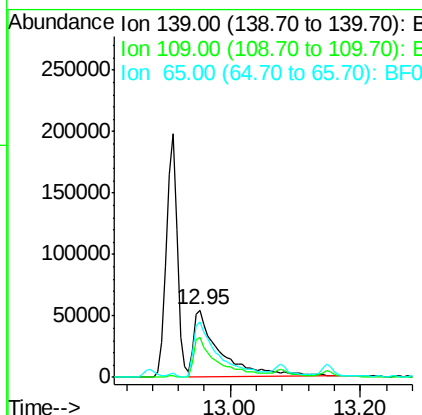
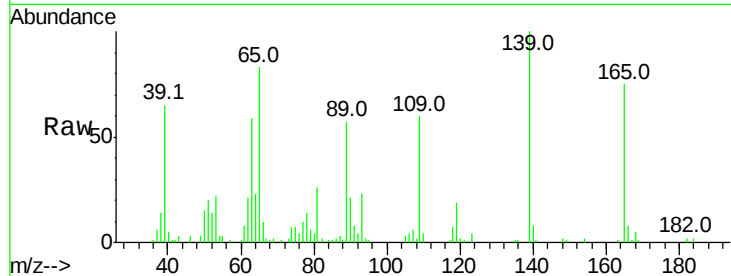




#55
4-Nitrophenol
Concen: 76.68 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

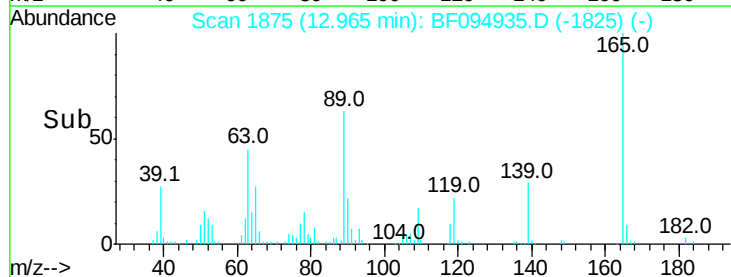
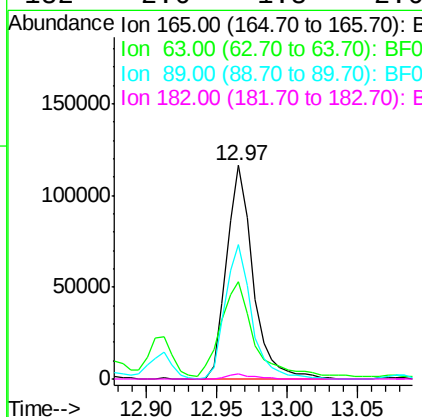
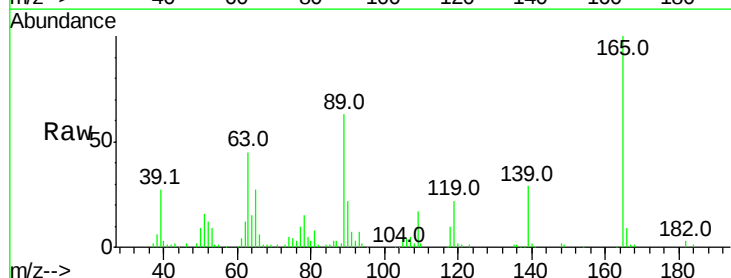
Instrument :
BNA_F
ClientSampled :

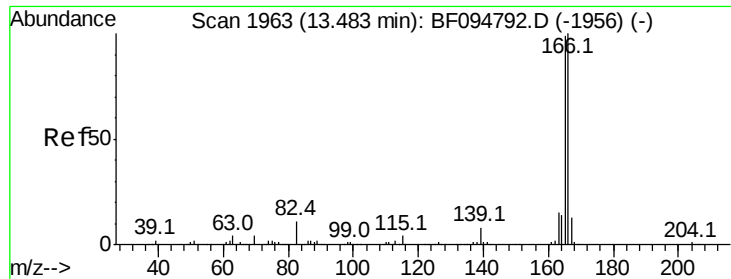
Tot Ion:139 Resp: 148500
Ion Ratio Lower Upper
139 100
109 60.2 34.1 74.1
65 82.7 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 39.42 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion:165 Resp: 152166
Ion Ratio Lower Upper
165 100
63 45.3 25.4 38.0#
89 63.1 46.4 69.6
182 2.6 1.8 2.6

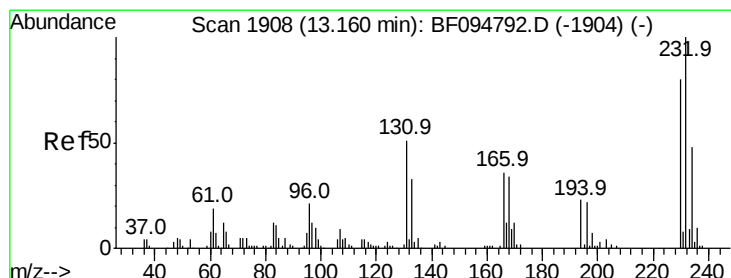
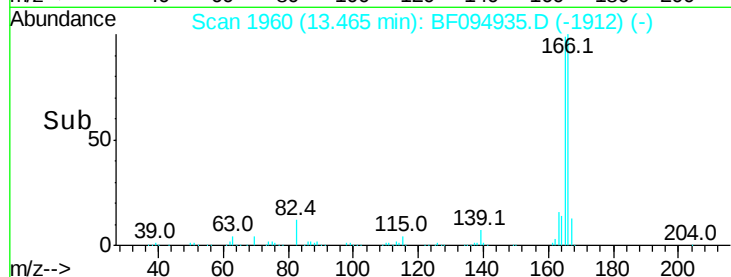
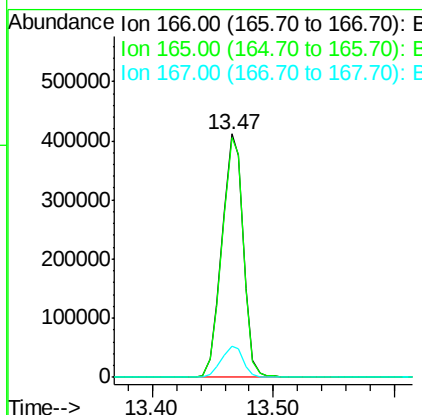
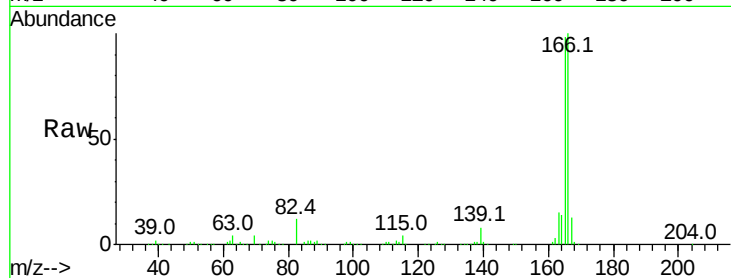




#57
 Fluorene
 Concen: 36.62 ng
 RT: 13.47 min Scan# 1960
 Delta R.T. -0.02 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

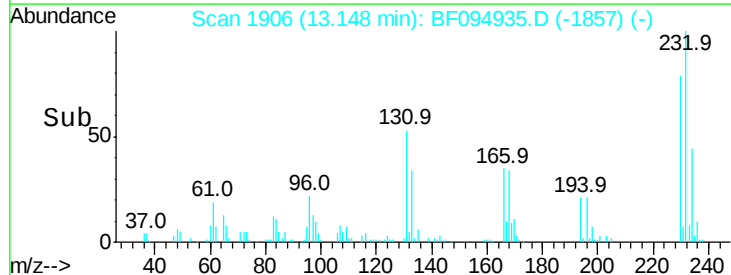
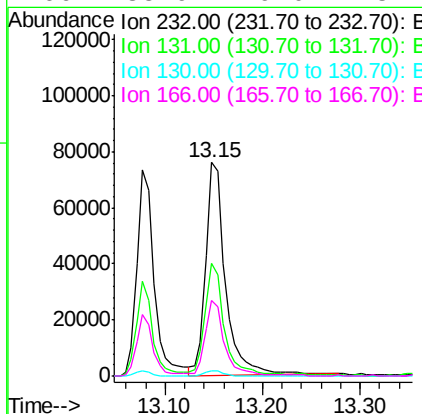
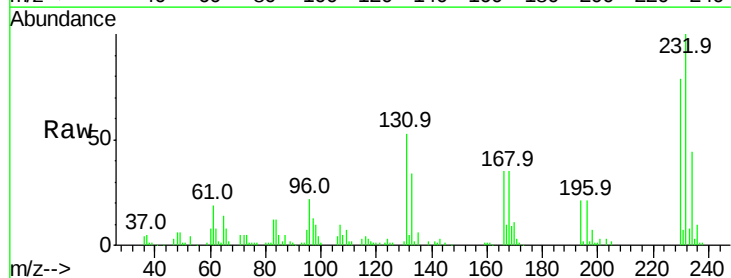
Instrument :
 BNA_F
 ClientSampled :

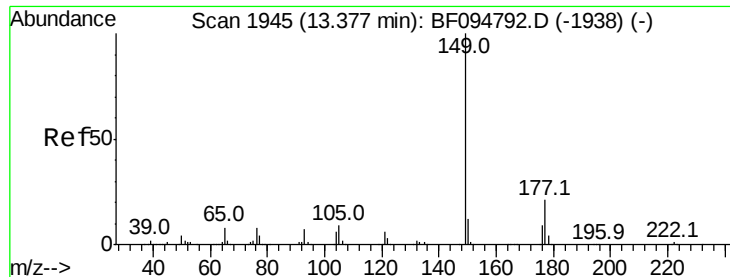
Tot Ion:166 Resp: 502691
 Ion Ratio Lower Upper
 166 100
 165 98.3 78.8 118.2
 167 13.0 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 42.83 ng
 RT: 13.15 min Scan# 1906
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion:232 Resp: 106705
 Ion Ratio Lower Upper
 232 100
 131 50.5 44.8 67.2
 130 2.1 2.3 3.5#
 166 35.9 29.0 43.4

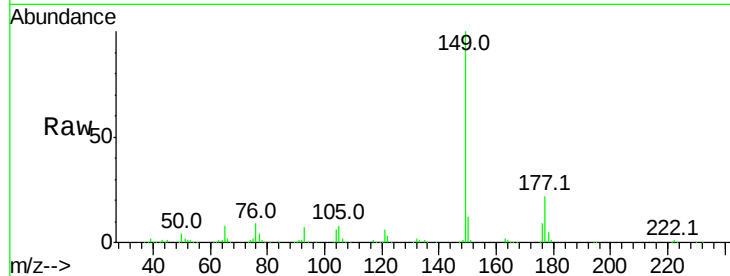




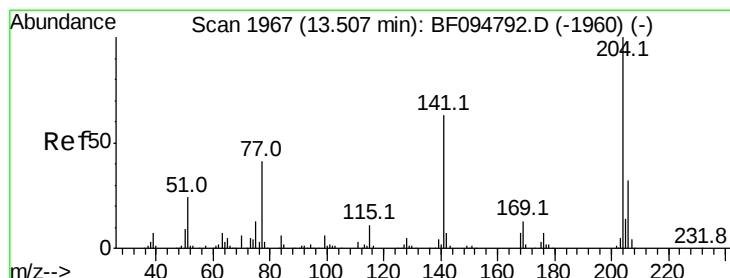
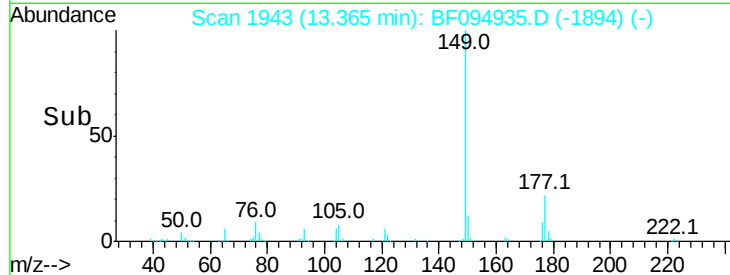
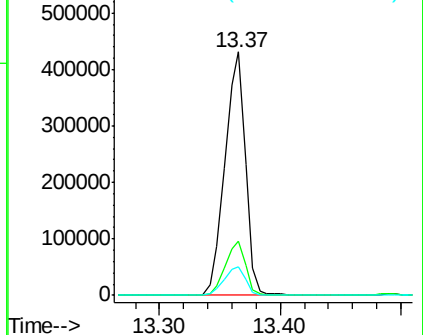
#59
Diethylphthalate
Concen: 35.96 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
177	22.2	16.7	25.1
150	11.9	10.2	15.2

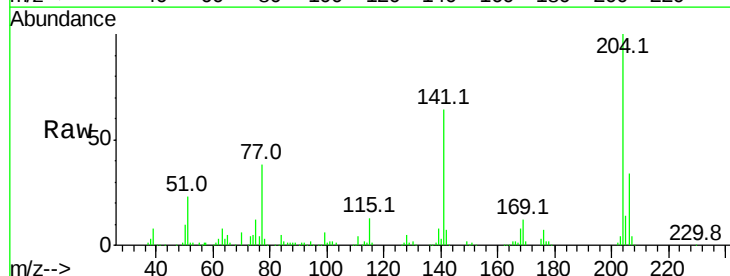


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

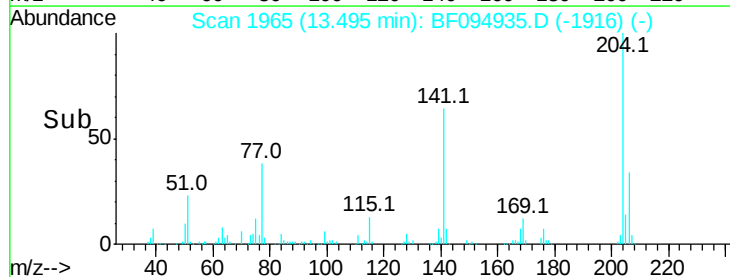
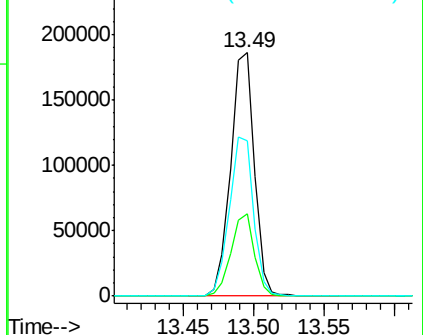


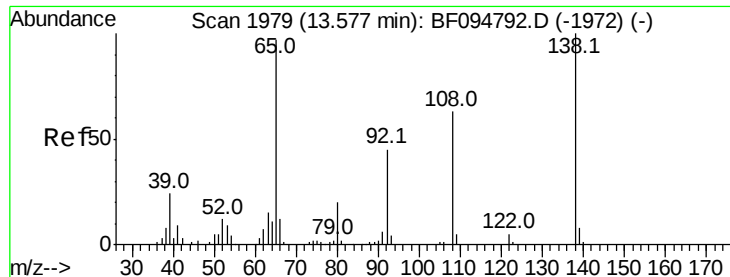
#60
4-Chlorophenyl-phenylether
Concen: 36.17 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.2	39.2
141	63.6	60.8	91.2



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

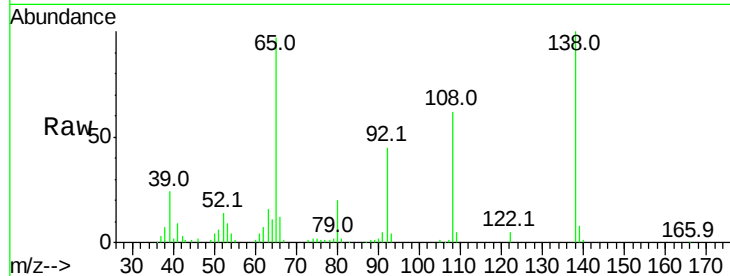




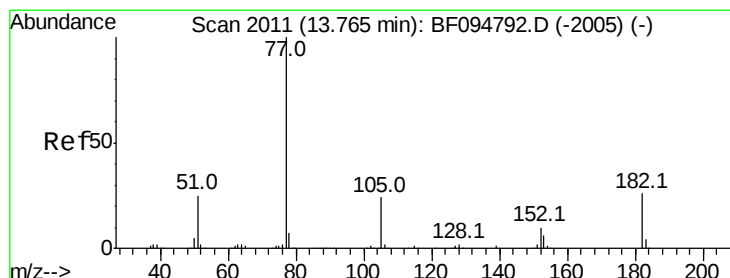
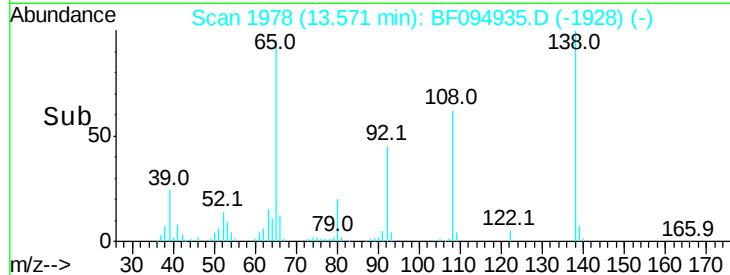
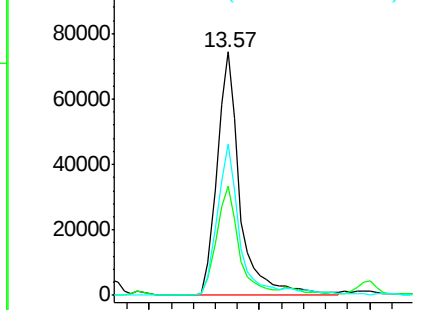
#61
 4-Nitroaniline
 Concen: 36.32 ng
 RT: 13.57 min Scan# 1978
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	138	Resp:	107522
Ion	Ratio	Lower	Upper
138	100		
92	45.1	21.8	61.8
108	62.0	42.3	82.3

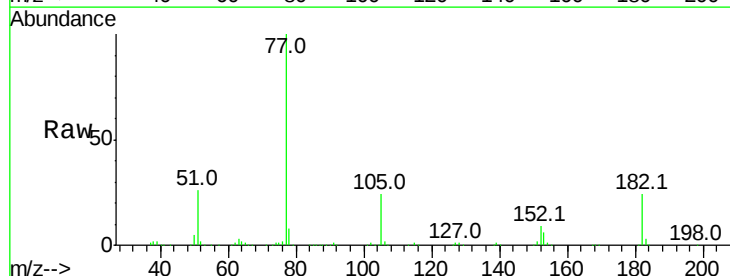


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BF0
 Ion 108.00 (107.70 to 108.70): E

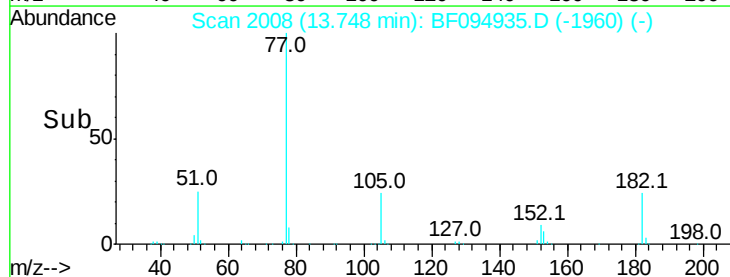
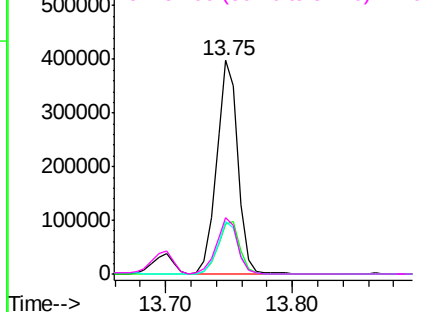


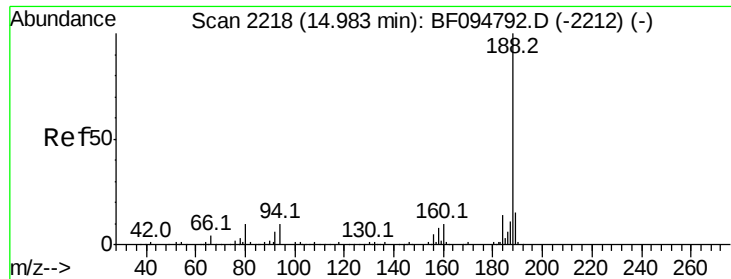
#62
 Azobenzene
 Concen: 40.66 ng
 RT: 13.75 min Scan# 2008
 Delta R.T. -0.02 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion:	77	Resp:	461154
Ion	Ratio	Lower	Upper
77	100		
182	23.5	0.1	40.1
105	24.4	3.6	43.6
51	26.3	9.4	49.4



Abundance Ion 77.00 (76.70 to 77.70): BF0
 Ion 182.00 (181.70 to 182.70): E
 Ion 105.00 (104.70 to 105.70): E
 Ion 51.00 (50.70 to 51.70): BF0

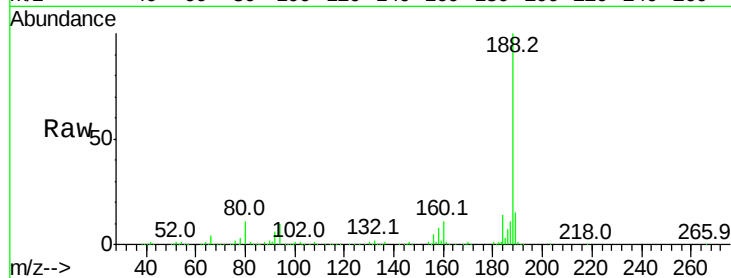




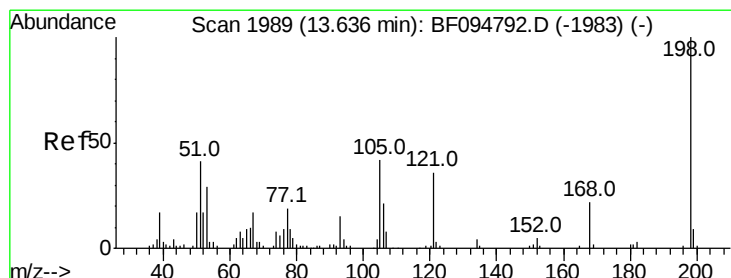
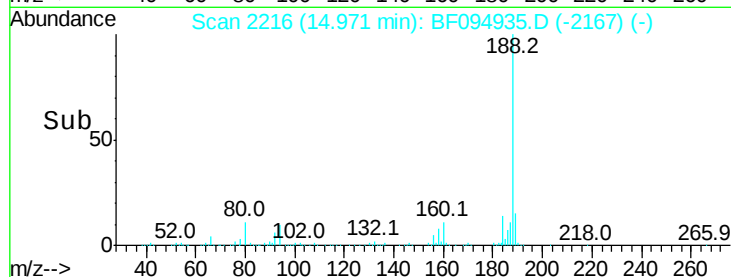
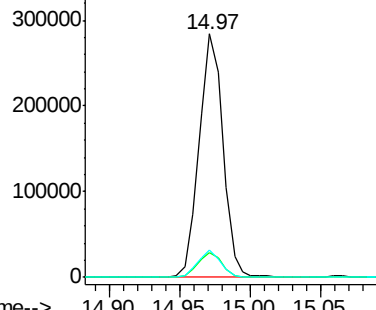
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.97 min Scan# 2216
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 334380
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.2
80 11.3 10.2 15.2

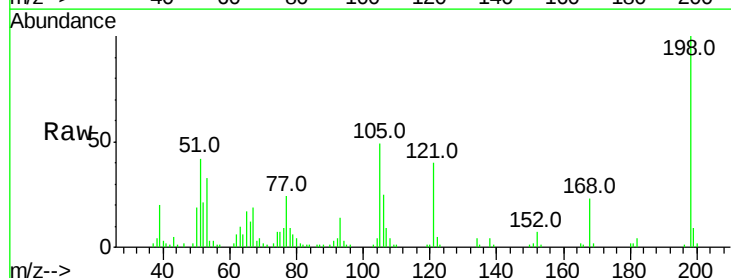


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

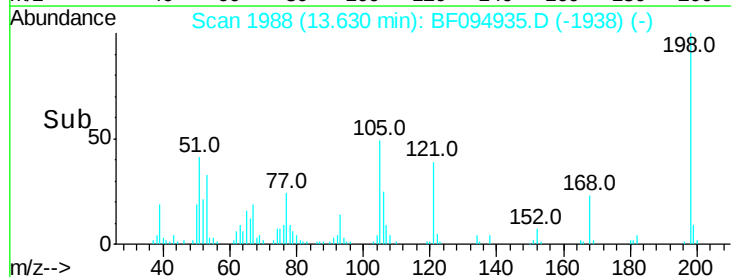
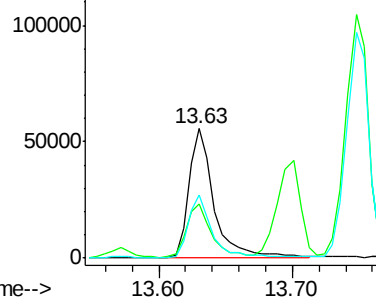


#64
4,6-Dinitro-2-methylphenol
Concen: 33.08 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion:198 Resp: 74142
Ion Ratio Lower Upper
198 100
51 41.8 53.2 93.2#
105 48.7 45.8 85.8



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

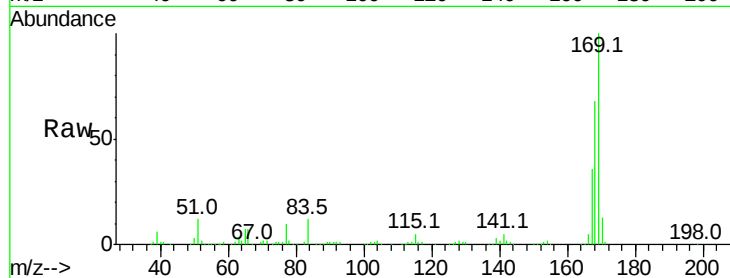




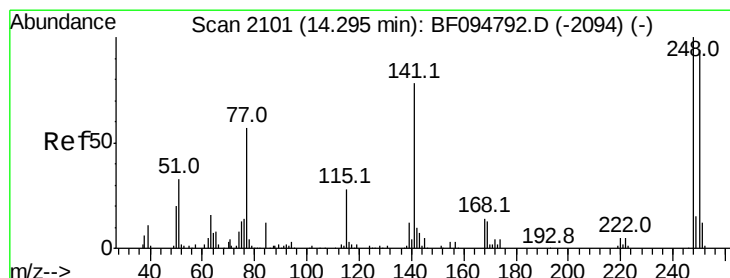
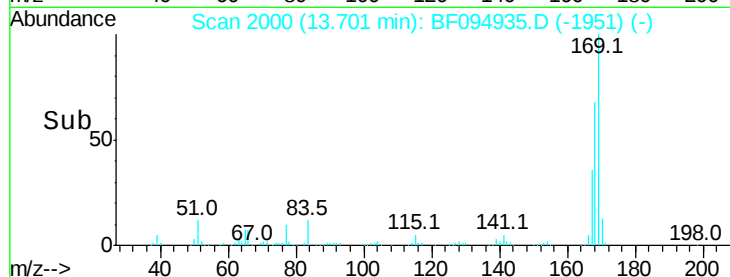
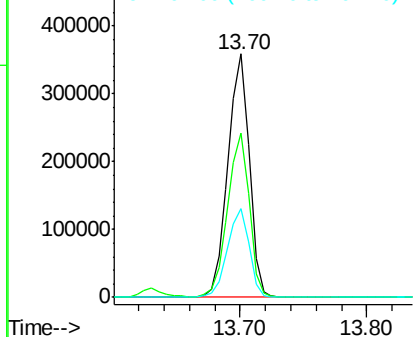
#65
n-Nitrosodiphenylamine
Concen: 34.57 ng
RT: 13.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
169	100		
168	67.6	53.2	79.8
167	36.3	29.5	44.3

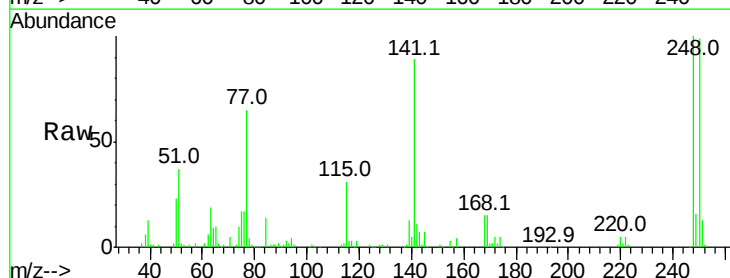


Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E

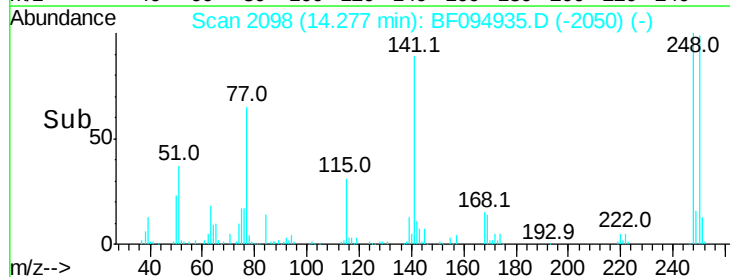
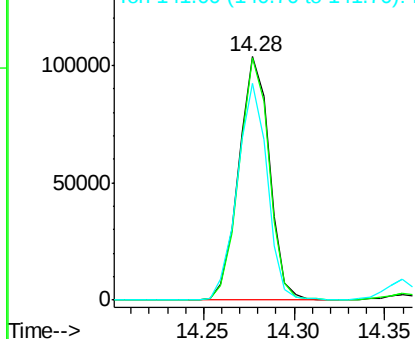


#66
4-Bromophenyl-phenylether
Concen: 34.68 ng
RT: 14.28 min Scan# 2098
Delta R.T. -0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.4	76.8	115.2
141	89.1	68.6	103.0



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

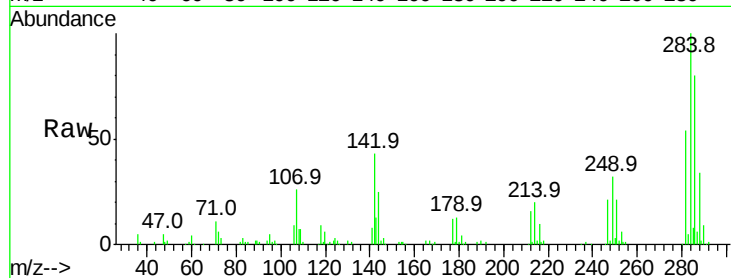




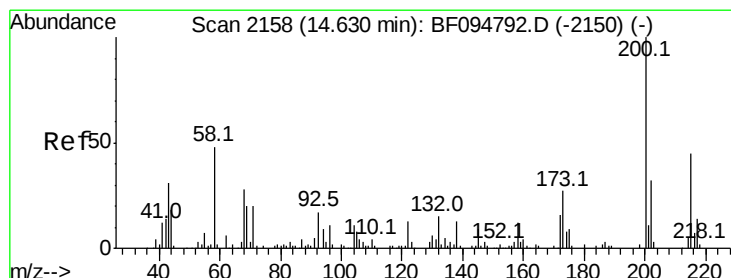
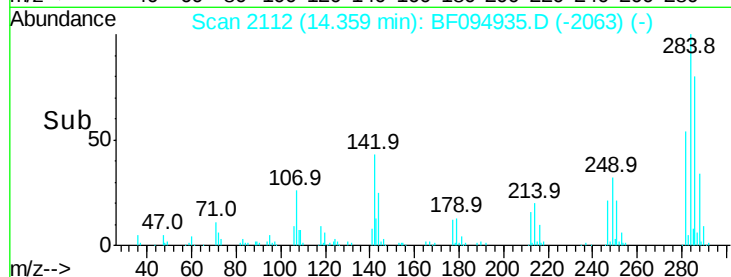
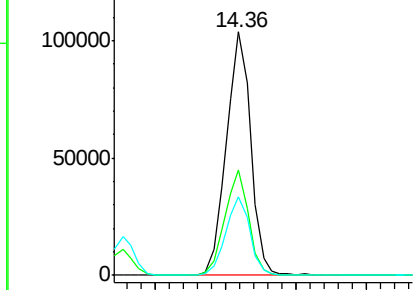
#67
Hexachlorobenzene
Concen: 34.25 ng
RT: 14.36 min Scan# 2112
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:284 Resp: 124014
Ion Ratio Lower Upper
284 100
142 43.1 22.8 34.2#
249 32.1 24.0 36.0

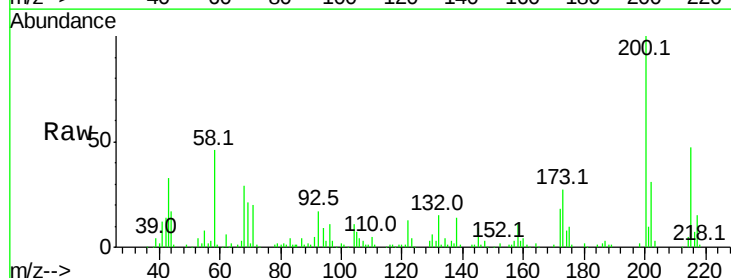


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

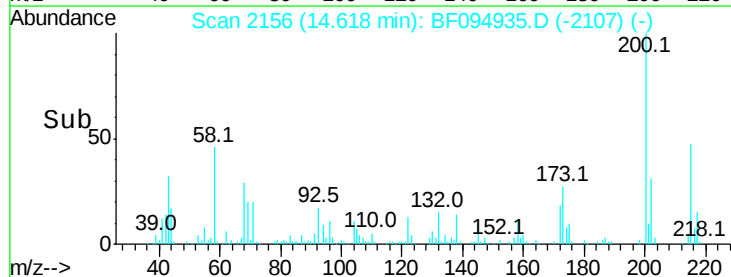
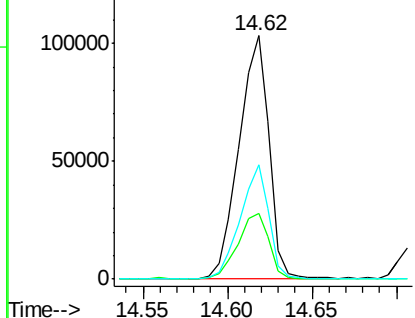


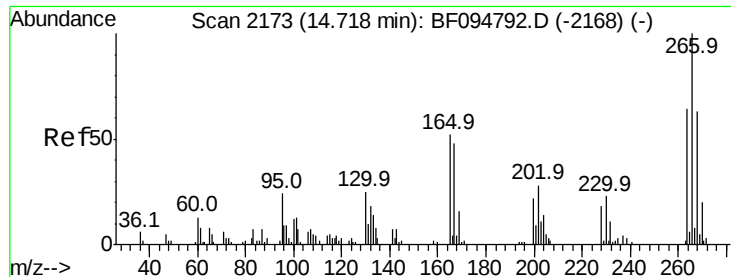
#68
Atrazine
Concen: 37.50 ng
RT: 14.62 min Scan# 2156
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion:200 Resp: 128479
Ion Ratio Lower Upper
200 100
173 27.2 6.3 46.3
215 47.0 27.2 67.2



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

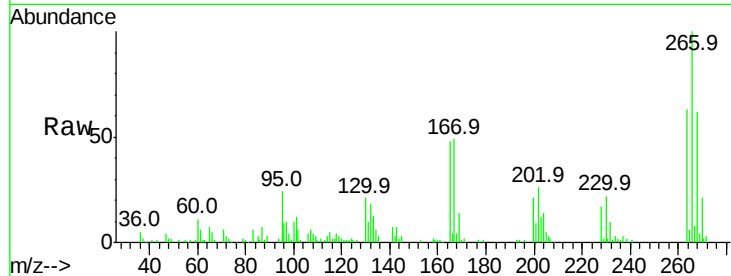




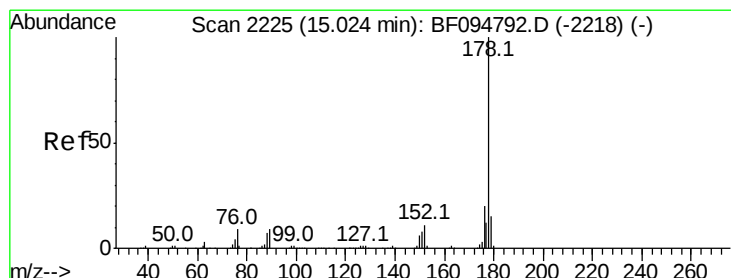
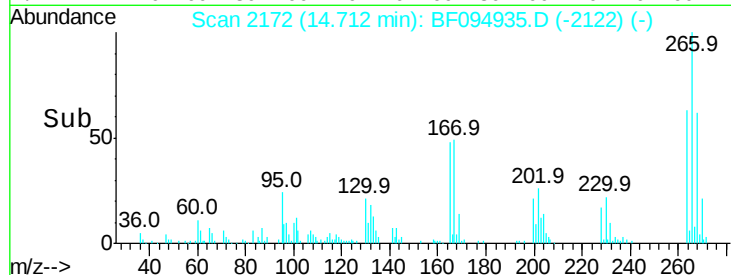
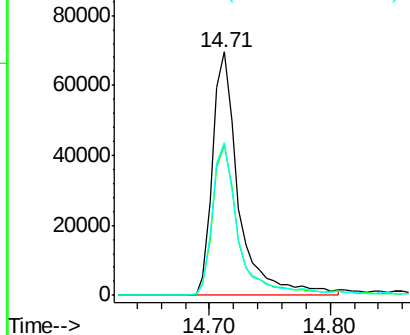
#69
 Pentachlorophenol
 Concen: 64.71 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:266 Resp: 103944
 Ion Ratio Lower Upper
 266 100
 268 61.6 51.1 76.7
 264 62.6 51.7 77.5

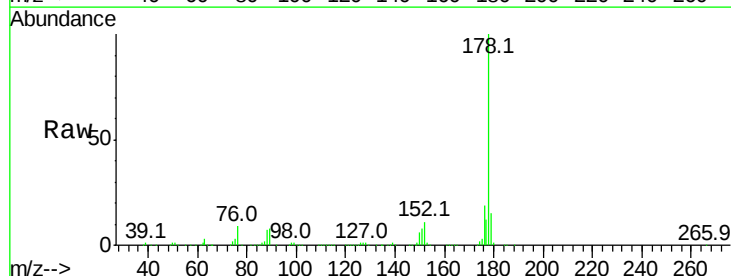


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

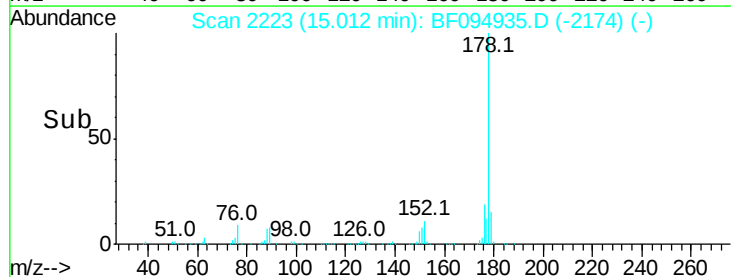
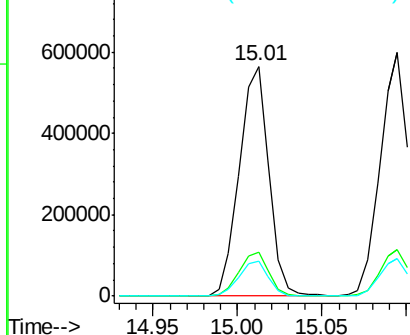


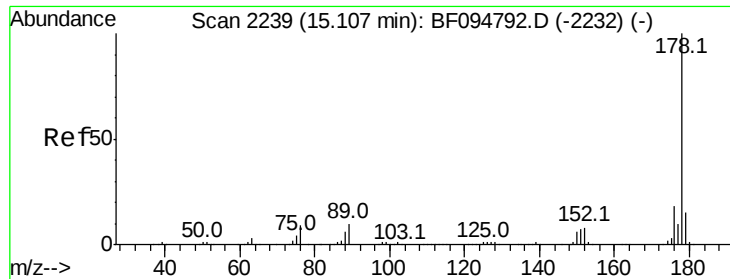
#70
 Phenanthrene
 Concen: 35.97 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion:178 Resp: 691128
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.1 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

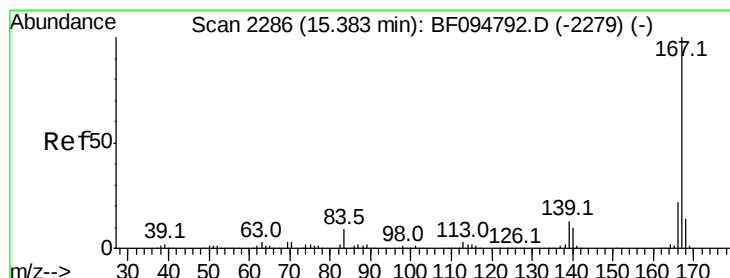
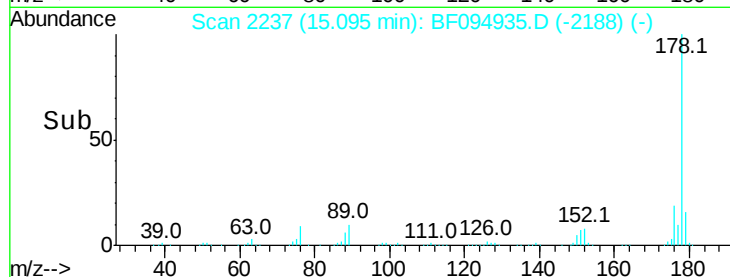
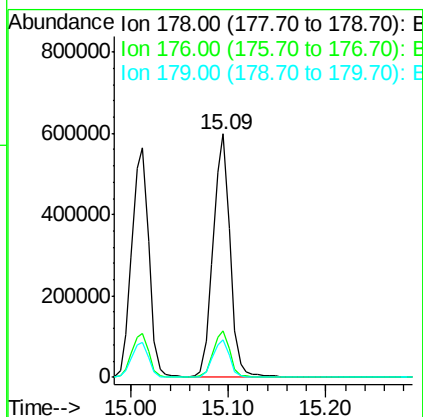
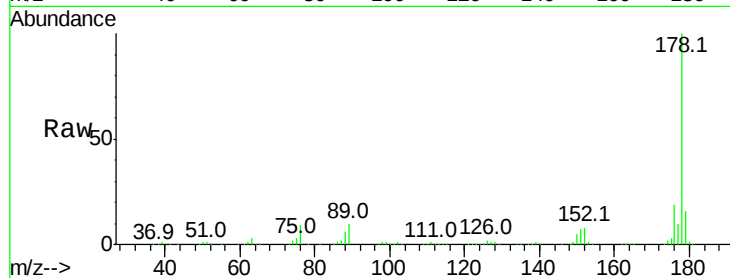




#71
 Anthracene
 Concen: 36.79 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

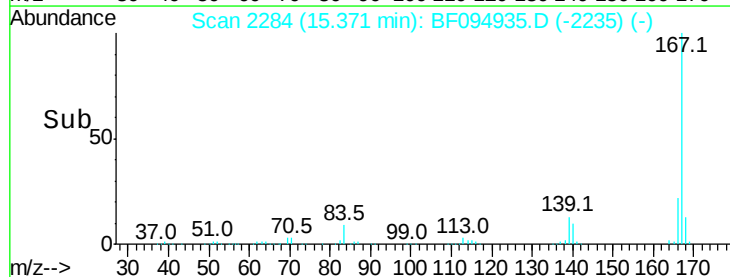
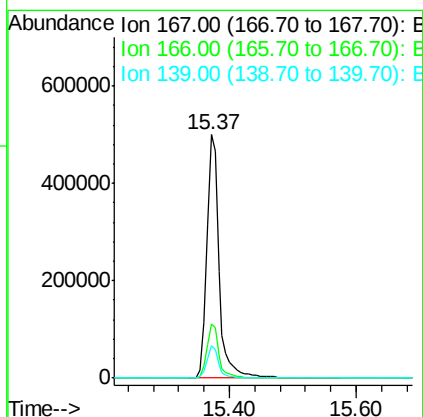
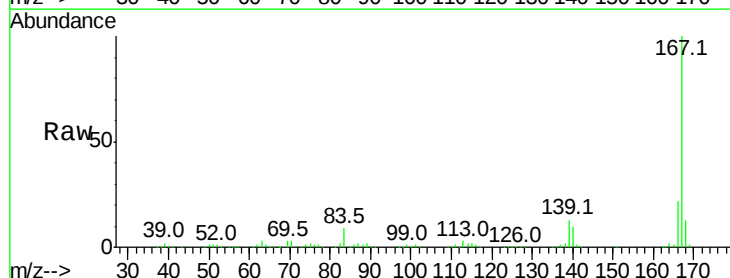
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:178 Resp: 722008
 Ion Ratio Lower Upper
 178 100
 176 18.9 15.8 23.8
 179 15.7 12.7 19.1



#72
 Carbazole
 Concen: 37.91 ng
 RT: 15.37 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion:167 Resp: 676992
 Ion Ratio Lower Upper
 167 100
 166 22.3 18.1 27.1
 139 13.3 11.7 17.5





#73

Di-n-butylphthalate

Concen: 35.18 ng

RT: 15.94 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

ClientSampleId :

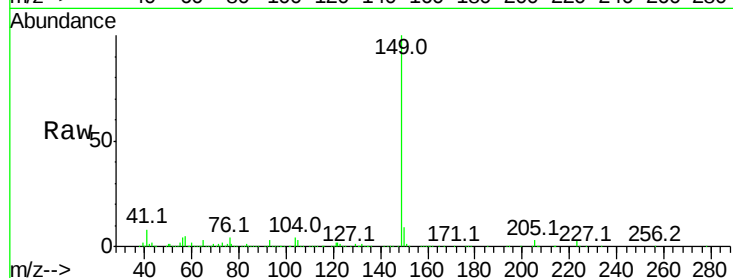
Tot Ion:149 Resp: 783306

Ion Ratio Lower Upper

149 100

150 9.3 7.7 11.5

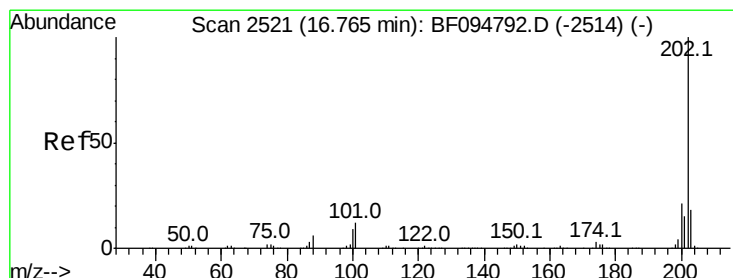
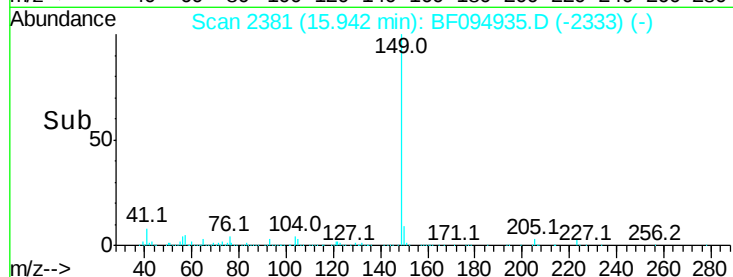
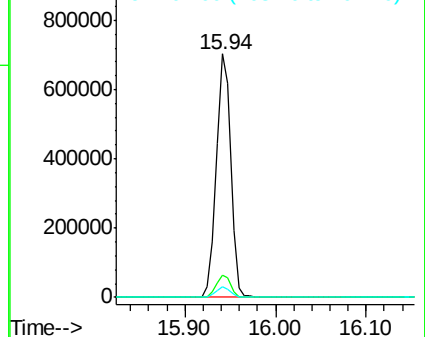
104 4.5 4.0 6.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 36.48 ng

RT: 16.75 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

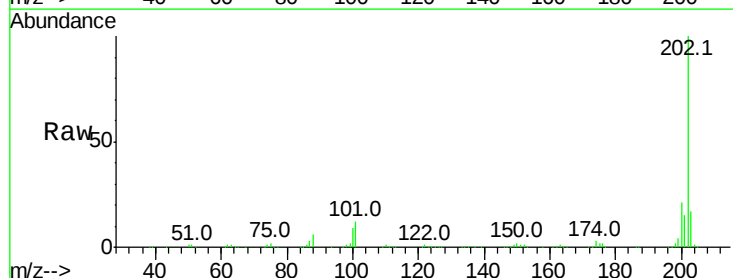
Tgt Ion:202 Resp: 718990

Ion Ratio Lower Upper

202 100

101 12.4 0.0 33.2

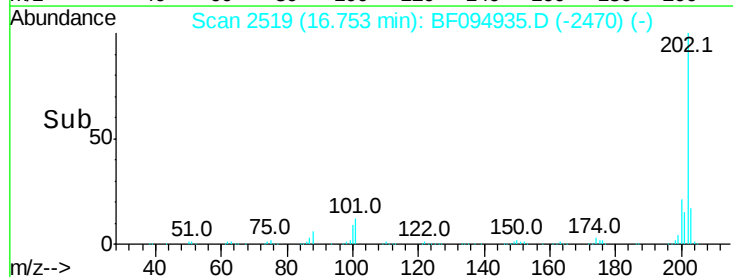
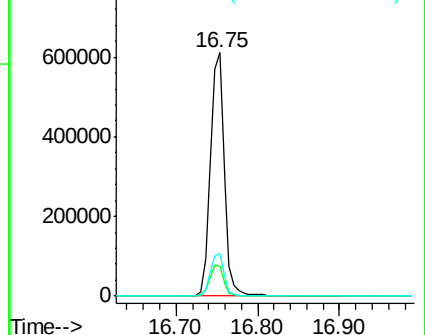
203 17.4 0.0 38.1

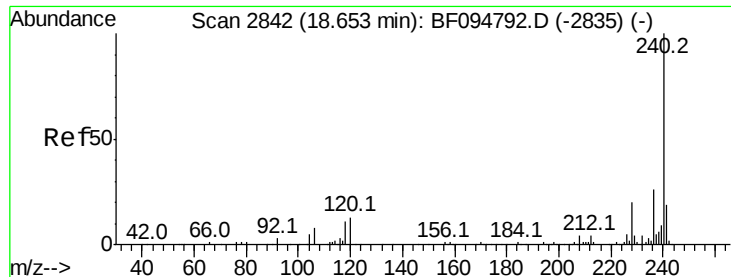


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

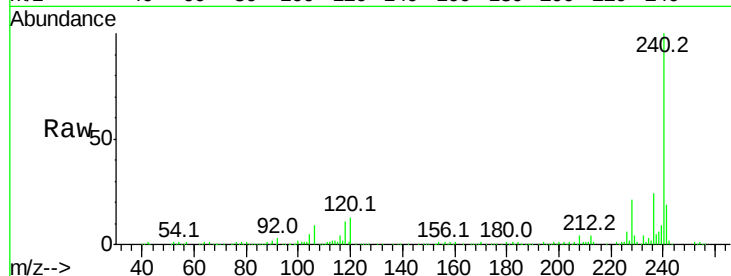




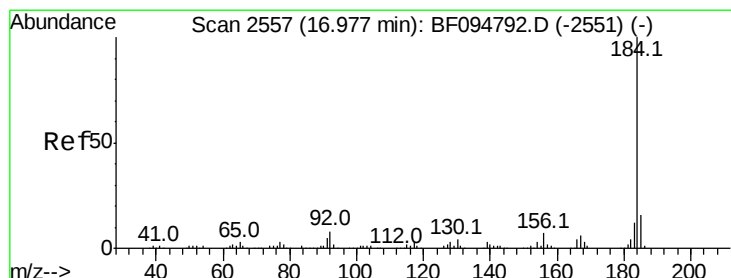
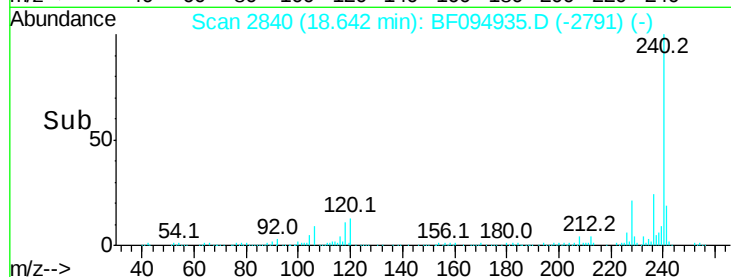
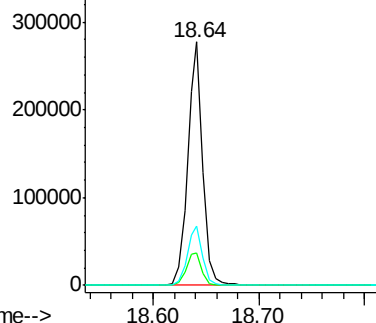
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Instrument :
BNA_F
ClientSampleId :

Tot Ion:240 Resp: 277380
Ion Ratio Lower Upper
240 100
120 13.2 5.8 8.8#
236 24.4 20.5 30.7

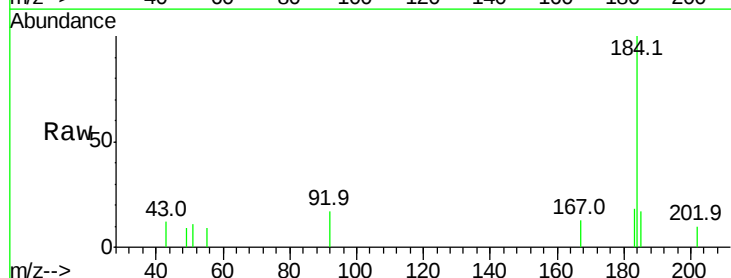


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

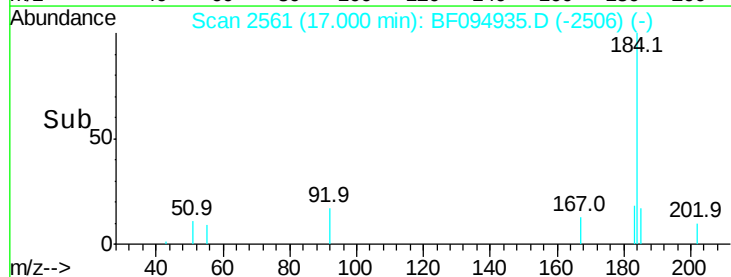
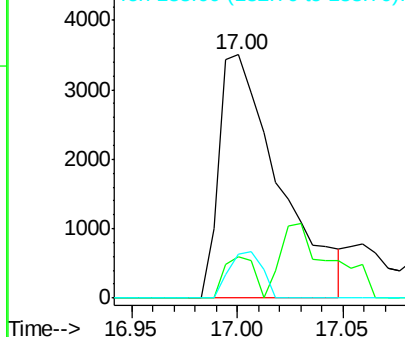


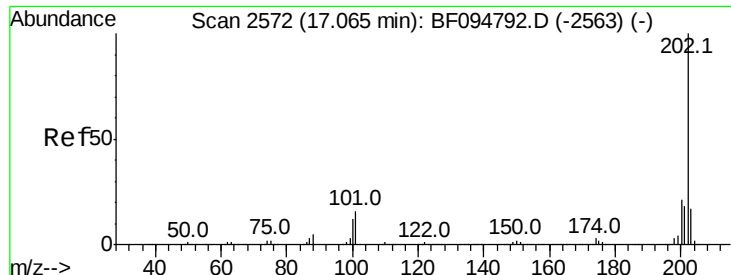
#76
Benzidine
Concen: 7.39 ng
RT: 17.00 min Scan# 2561
Delta R.T. 0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion:184 Resp: 6945
Ion Ratio Lower Upper
184 100
185 17.2 15.5 23.3
183 18.2 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

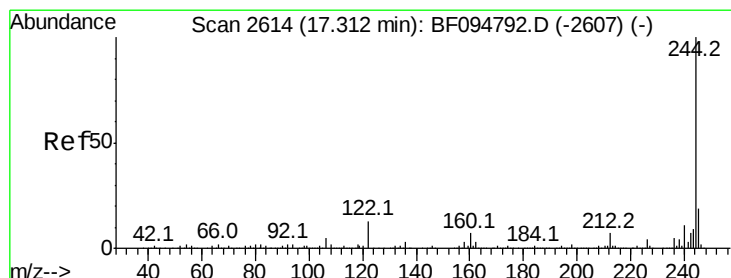
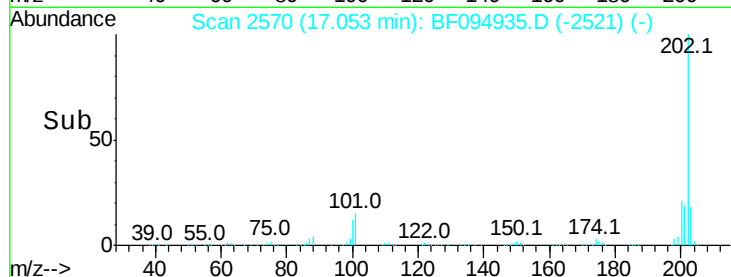
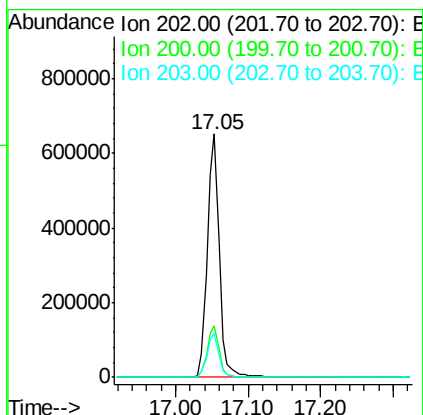
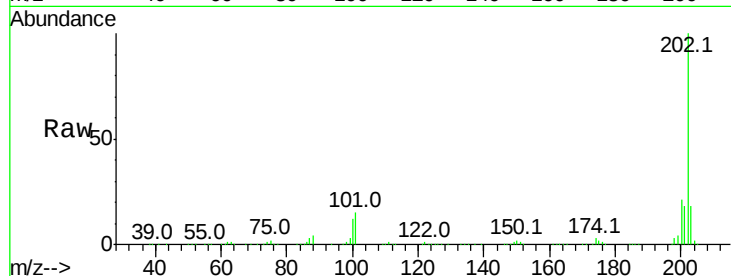




#77
Pvrene
Concen: 36.13 ng
RT: 17.05 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

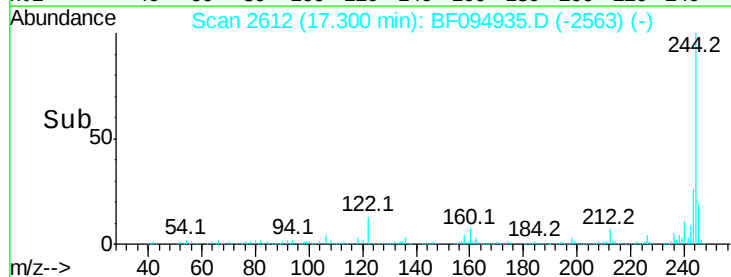
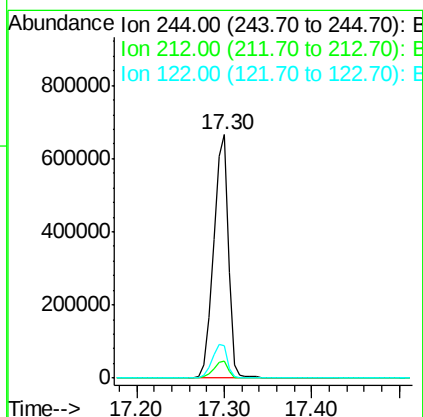
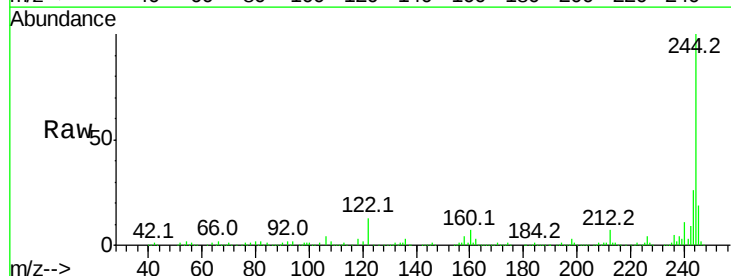
Instrument :
BNA_F
ClientSampleId :

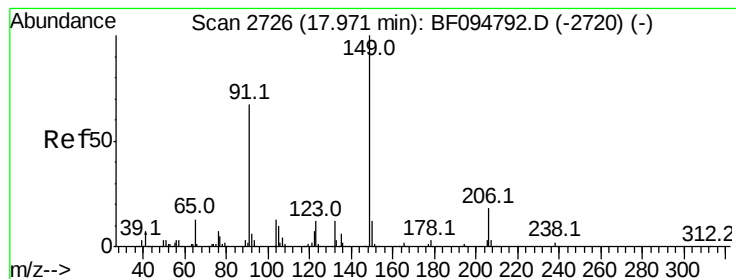
Tot Ion:202 Resp: 749492
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 18.1 14.4 21.6



#78
Terphenyl-d14
Concen: 62.28 ng
RT: 17.30 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion:244 Resp: 784384
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 13.1 10.3 15.5





#79

Butylbenzylphthalate

Concen: 34.57 ng

RT: 17.96 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

ClientSampleId :

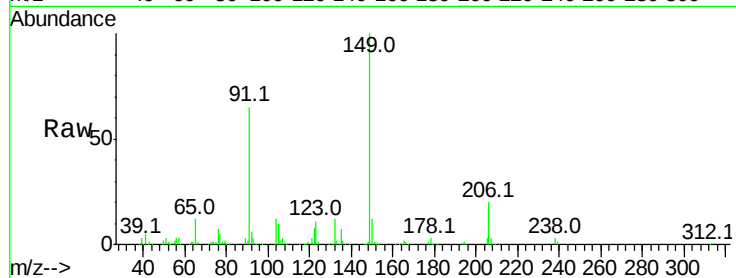
Tot Ion:149 Resp: 333585

Ion Ratio Lower Upper

149 100

91 65.0 45.0 67.4

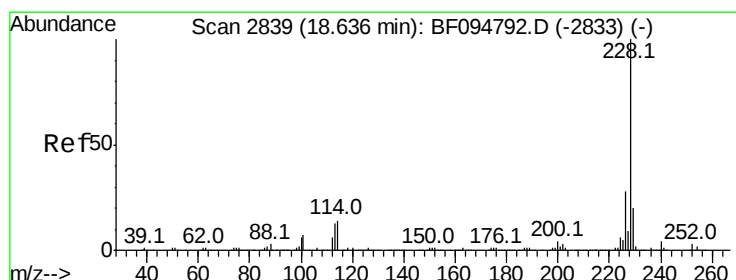
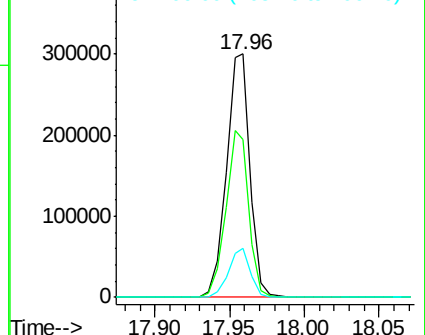
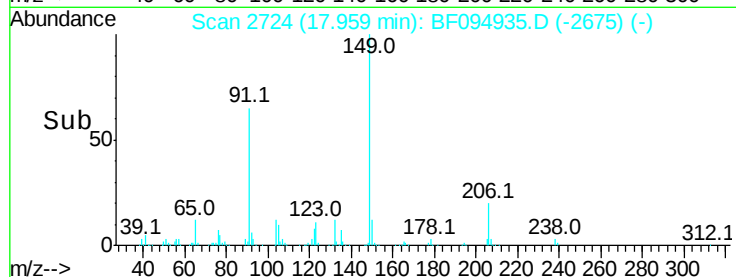
206 20.1 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 36.16 ng

RT: 18.63 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

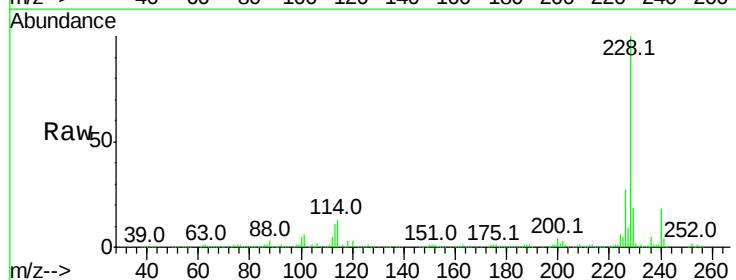
Tgt Ion:228 Resp: 583777

Ion Ratio Lower Upper

228 100

226 26.9 22.6 33.8

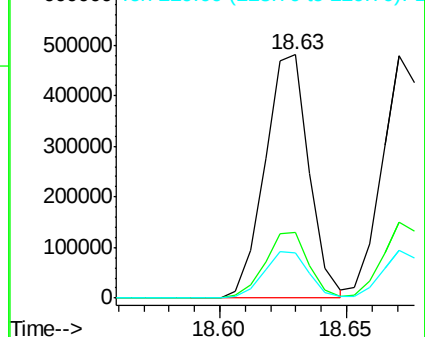
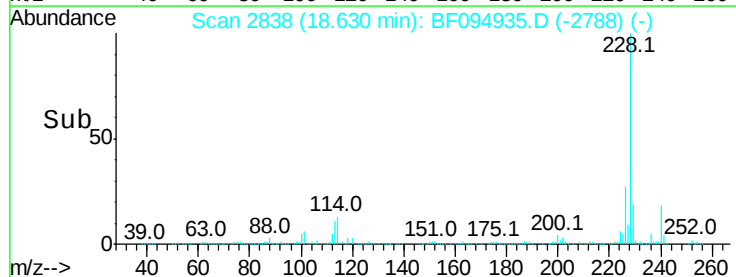
229 18.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

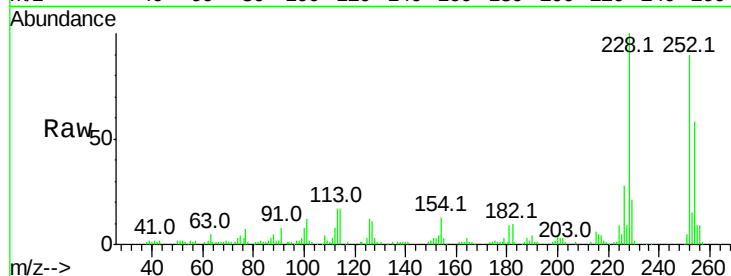




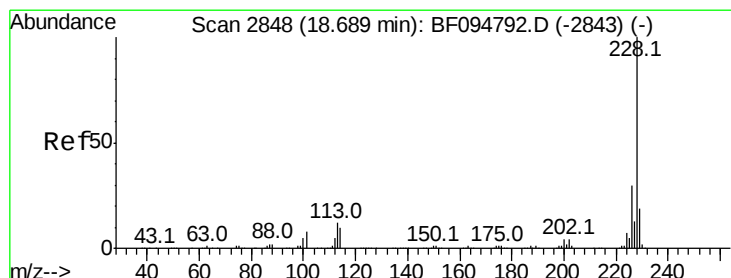
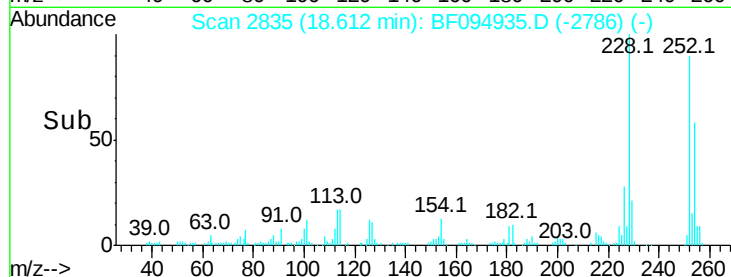
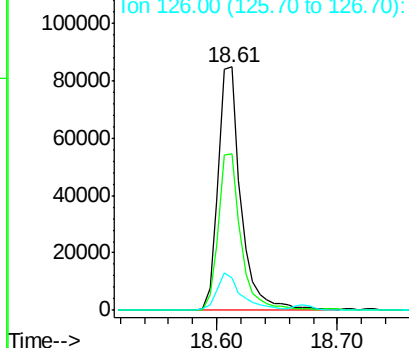
#81
 3,3'-Dichlorobenzidine
 Concen: 19.78 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 110301
 Ion Ratio Lower Upper
 252 100
 254 64.4 51.5 77.3
 126 13.3 15.8 23.8#

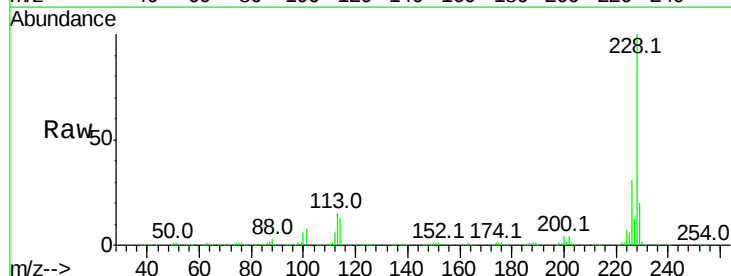


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

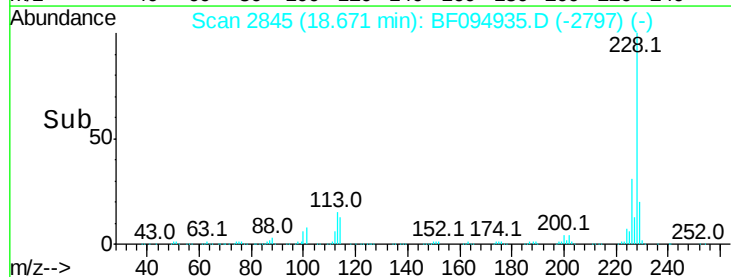
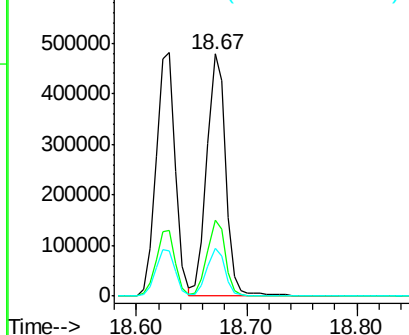


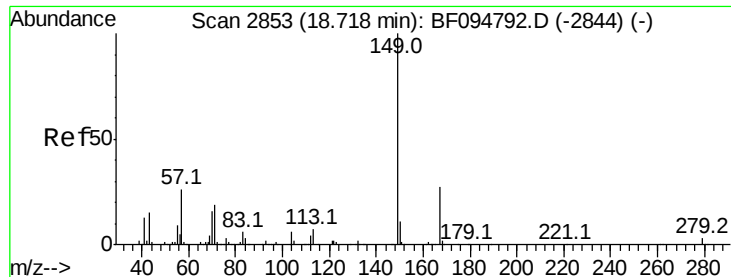
#82
 Chrysene
 Concen: 35.40 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion:228 Resp: 552563
 Ion Ratio Lower Upper
 228 100
 226 31.1 24.9 37.3
 229 19.7 15.8 23.6



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 34.83 ng

RT: 18.70 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

ClientSampleId :

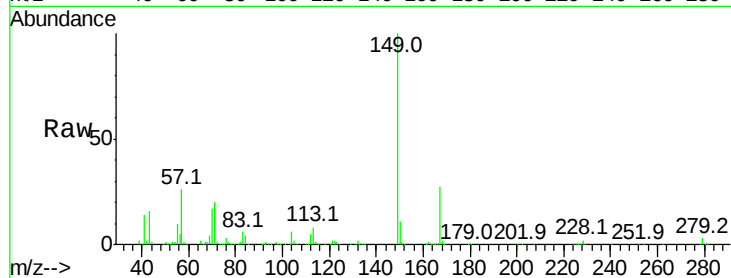
Tot Ion:149 Resp: 478861

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

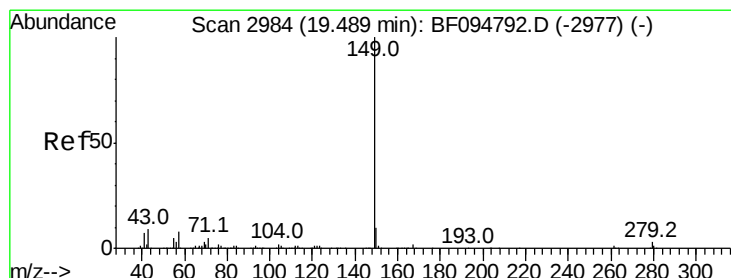
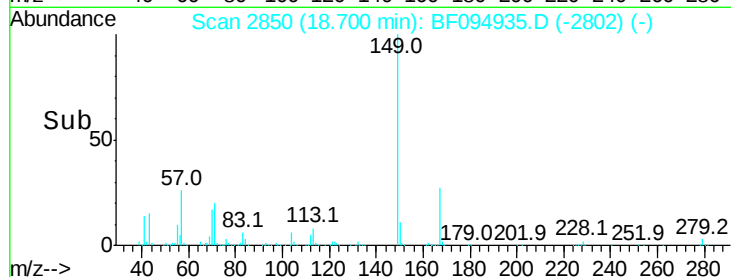
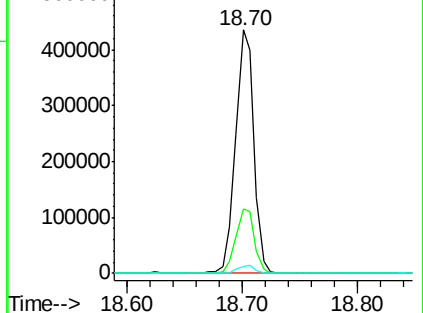
279 2.9 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 34.40 ng

RT: 19.47 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

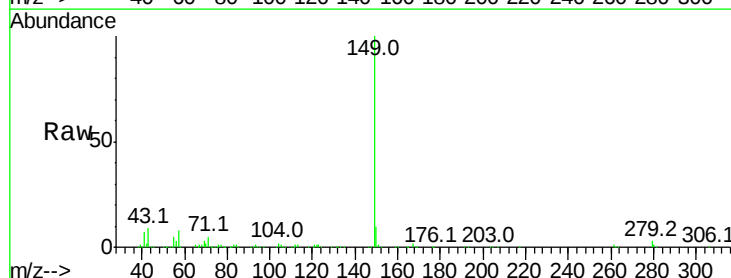
Tgt Ion:149 Resp: 775470

Ion Ratio Lower Upper

149 100

167 1.4 1.2 1.8

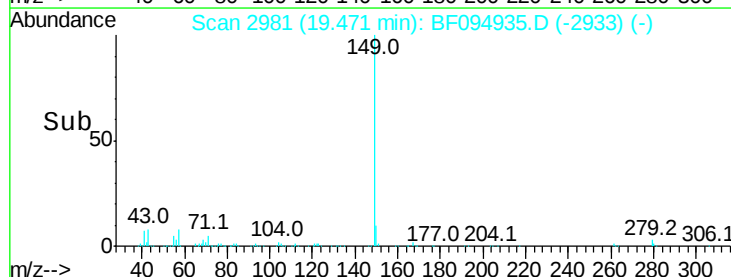
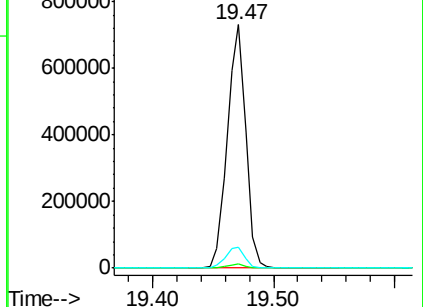
43 8.9 8.5 12.7



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

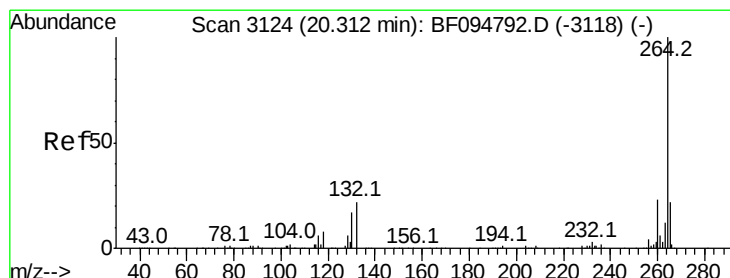
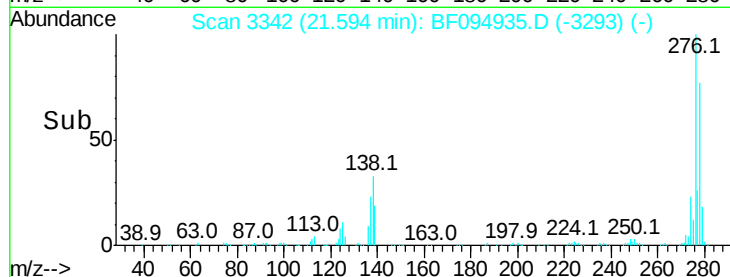
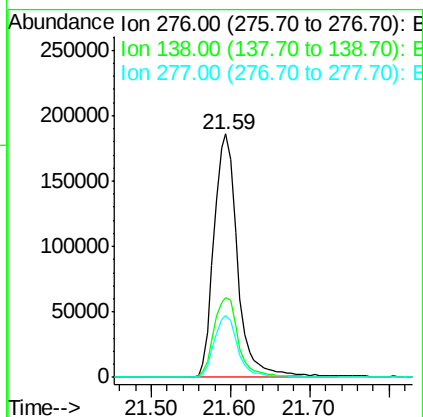
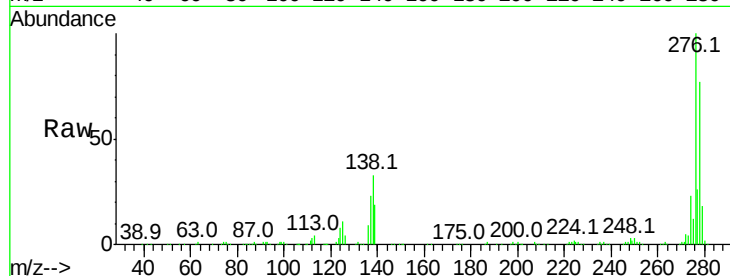




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 30.42 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

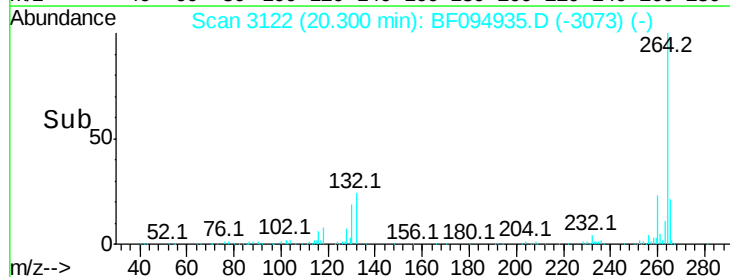
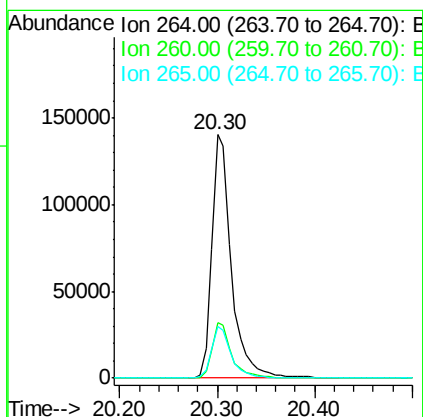
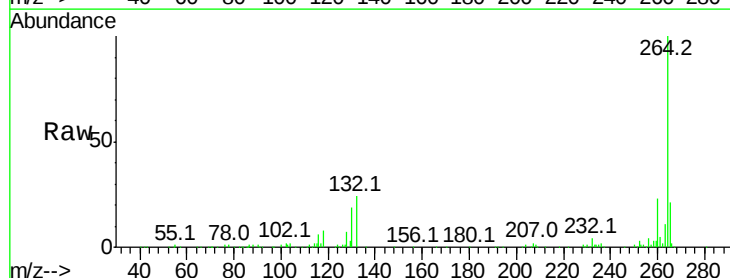
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.8	41.6
277	25.5	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094935.D
 Acq: 6 May 2017 1:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.5	17.2	25.8

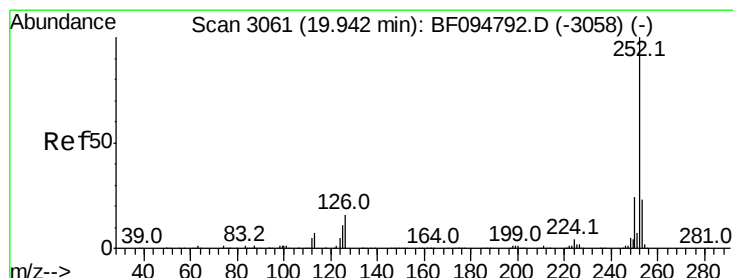
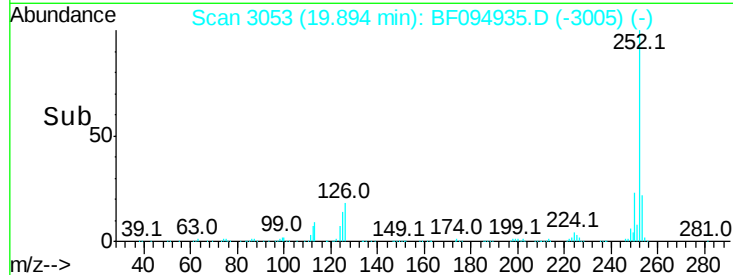
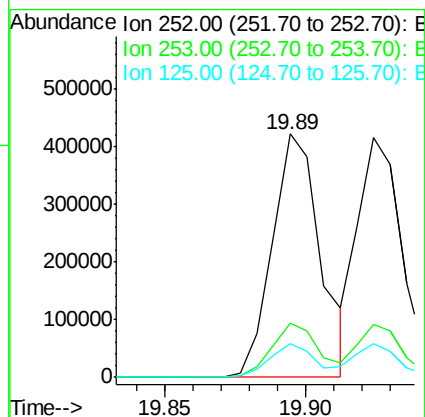
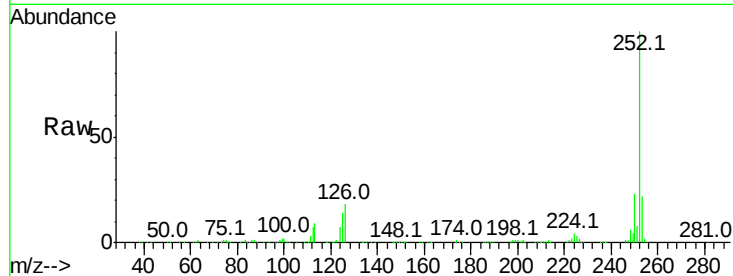




#87
Benzo(b)fluoranthene
Concen: 41.57 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

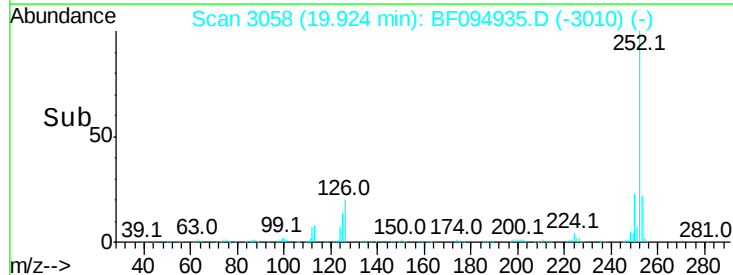
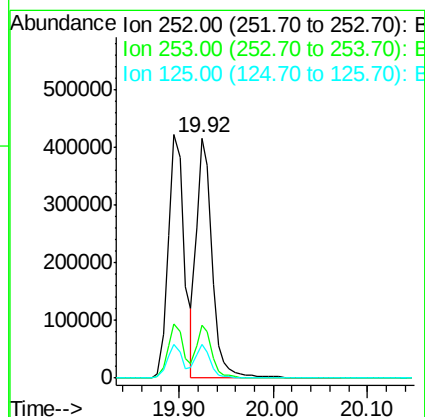
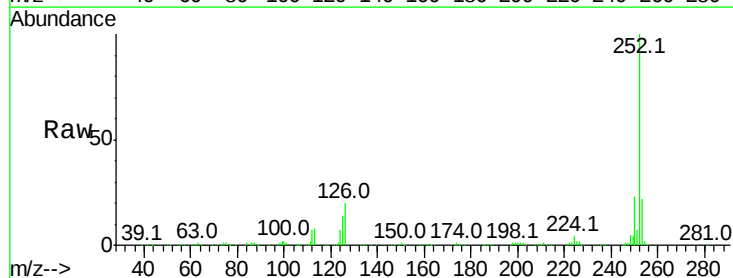
Instrument :
BNA_F
ClientSampleId :

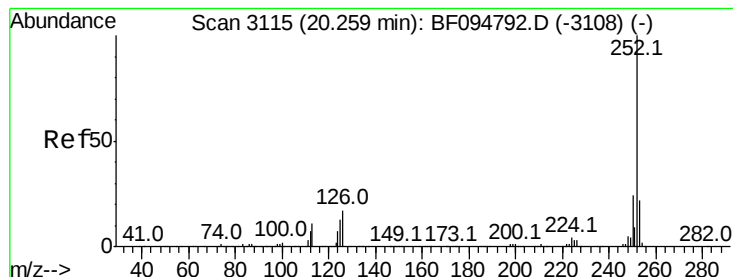
Tot Ion:252 Resp: 499133
Ion Ratio Lower Upper
252 100
253 22.1 18.1 27.1
125 13.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 41.25 ng
RT: 19.92 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BF094935.D
Acq: 6 May 2017 1:00

Tgt Ion:252 Resp: 477716
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 14.1 13.1 19.7





#89

Benzo(a)pyrene

Concen: 36.69 ng

RT: 20.25 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

ClientSampleId :

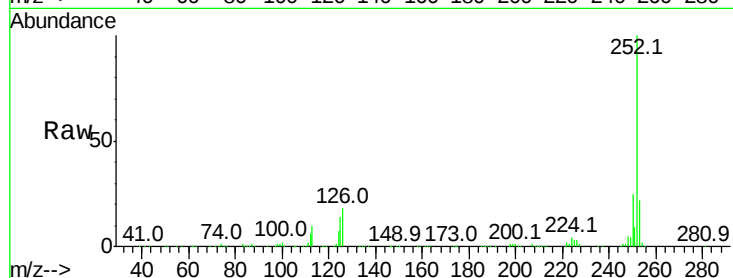
Tot Ion:252 Resp: 406519

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

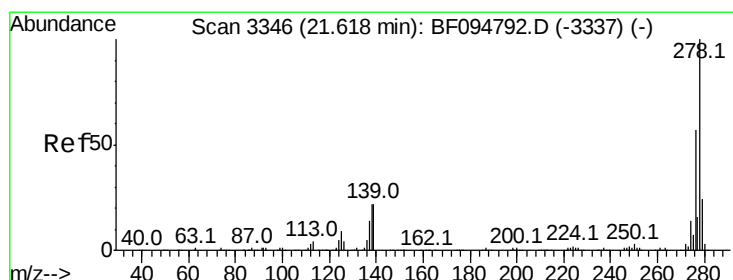
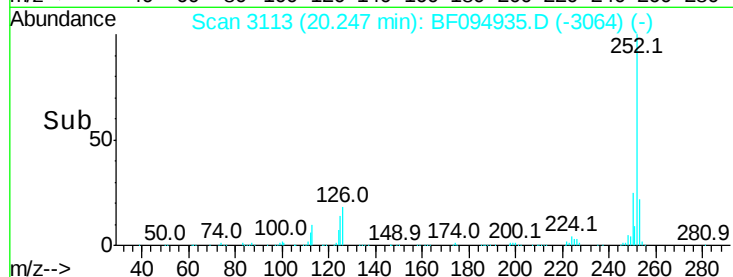
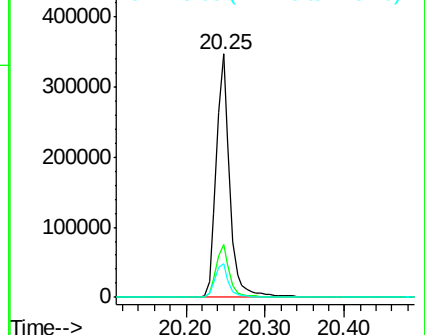
125 14.1 11.0 16.4



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: 35.50 ng

RT: 21.60 min Scan# 3343

Delta R.T. -0.02 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

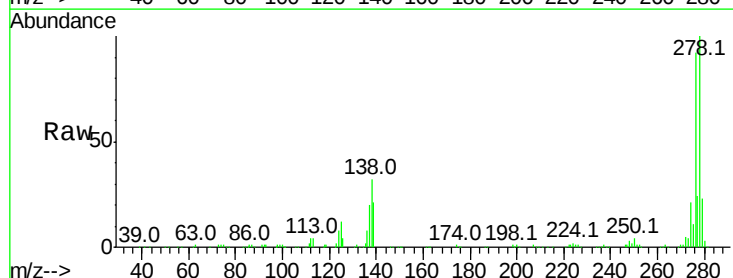
Tgt Ion:278 Resp: 324863

Ion Ratio Lower Upper

278 100

139 21.4 16.6 24.8

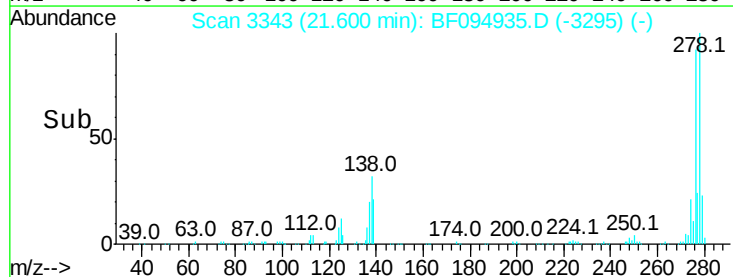
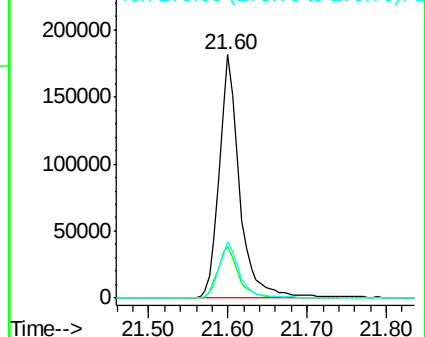
279 23.2 19.3 28.9



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: 37.45 ng

RT: 21.96 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BF094935.D

Acq: 6 May 2017 1:00

Instrument :

BNA_F

ClientSampleId :

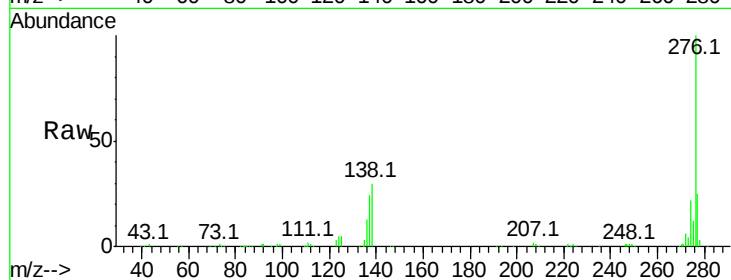
Tot Ion: 276 Resp: 336303

Ion Ratio Lower Upper

276 100

277 24.6 18.6 28.0

138 30.0 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

