

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094926.D
 Acq On : 5 May 2017 20:09
 Operator : SJ/MA
 Sample : PB98685BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 23:48:14 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	96562	20.00	ng	0.00
21) Naphthalene-d8	9.74	136	393926	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	163869	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	296921	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	281703	20.00	ng	-0.01
86) Perylene-d12	20.30	264	215034	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	788696	136.17	ng	0.01
7) Phenol-d6	7.28	99	969919	139.57	ng	0.00
23) Nitrobenzene-d5	8.63	82	563229	90.16	ng	0.00
41) 2,4,6-Tribromophenol	13.88	330	193493	144.18	ng	0.00
44) 2-Fluorobiphenyl	11.52	172	1096858	96.34	ng	-0.01
78) Terphenyl-d14	17.30	244	1000696	78.24	ng	-0.01

Target Compounds						Qvalue
2) 1,4-Dioxane	2.17	88	101314	35.67	ng	93
3) Pyridine	2.85	79	217597	33.05	ng	97
4) n-Nitrosodimethylamine	2.77	42	114448	41.71	ng	84
6) Aniline	7.24	93	115173	13.13	ng	96
8) 2-Chlorophenol	7.42	128	301310	45.71	ng	95
9) Benzaldehyde	7.05	77	47585	11.21	ng	98
10) Phenol	7.30	94	341363	46.62	ng	89
11) bis(2-Chloroethyl)ether	7.37	93	270875	44.81	ng	97
12) 1,3-Dichlorobenzene	7.63	146	324321	43.37	ng	99
13) 1,4-Dichlorobenzene	7.75	146	324271	42.76	ng	97
14) 1,2-Dichlorobenzene	7.99	146	306604	43.31	ng	95
15) Benzyl Alcohol	8.01	79	223226	49.94	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	346925	40.55	ng	70
17) 2-Methylphenol	8.23	107	243456	45.13	ng	96
18) Hexachloroethane	8.51	117	107319	41.77	ng	# 87
19) n-Nitroso-di-n-propylamine	8.44	70	201627	42.90	ng	94
20) 3+4-Methylphenols	8.49	107	321247	43.82	ng	# 61
22) Acetophenone	8.40	105	396831	41.99	ng	# 84
24) Nitrobenzene	8.65	77	294044	44.91	ng	96
25) Isophorone	9.05	82	486287	43.59	ng	96
26) 2-Nitrophenol	9.16	139	158002	44.72	ng	98
27) 2,4-Dimethylphenol	9.30	122	257871	45.14	ng	99
28) bis(2-Chloroethoxy)methane	9.42	93	326907	42.36	ng	98
29) 2,4-Dichlorophenol	9.58	162	244783	45.38	ng	98
30) 1,2,4-Trichlorobenzene	9.67	180	249890	43.24	ng	99
31) Naphthalene	9.78	128	840110	42.43	ng	100
32) Benzoic acid	9.62	122	175673	46.96	ng	97
33) 4-Chloroaniline	9.94	127	27787	3.77	ng	# 91
34) Hexachlorobutadiene	10.00	225	130166	42.69	ng	98
35) Caprolactam	10.54	113	47484	29.32	ng	94
36) 4-Chloro-3-methylphenol	10.78	107	269019	46.65	ng	91
37) 2-Methylnaphthalene	10.90	142	583615	44.91	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	232625	46.16	ng	100
40) Hexachlorocyclopentadiene	11.16	237	206350	96.08	ng	100

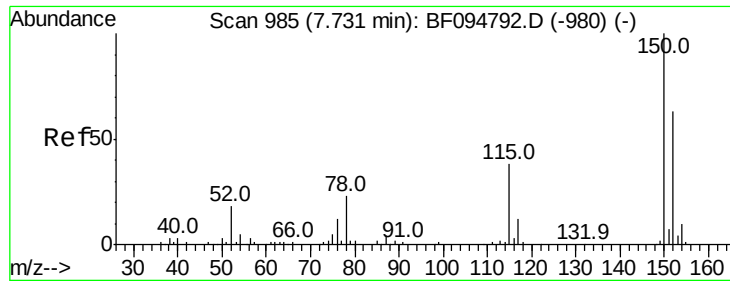
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	172028	51.13	nq	96
43) 2,4,5-Trichlorophenol	11.49	196	167196	46.23	nq	# 91
45) 1,1'-Biphenyl	11.67	154	676944	49.06	nq	97
46) 2-Chloronaphthalene	11.68	162	528081	47.40	nq	95
47) 2-Nitroaniline	11.90	65	141952	46.55	nq	# 83
48) Acenaphthylene	12.34	152	883497	50.63	nq	99
49) Dimethylphthalate	12.22	163	656820	48.82	nq	98
50) 2,6-Dinitrotoluene	12.31	165	146005	53.20	nq	94
51) Acenaphthene	12.62	154	456971	43.85	nq	99
52) 3-Nitroaniline	12.58	138	26436	8.97	nq	# 95
53) 2,4-Dinitrophenol	12.77	184	131046	86.17	nq	# 67
54) Dibenzofuran	12.91	168	706912	49.01	nq	99
55) 4-Nitrophenol	12.95	139	170458	96.34	nq	# 78
56) 2,4-Dinitrotoluene	12.97	165	170680	48.40	nq	# 94
57) Fluorene	13.47	166	567254	45.23	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	121070	53.20	nq	# 93
59) Diethylphthalate	13.37	149	548015	42.50	nq	99
60) 4-Chlorophenyl-phenylether	13.49	204	245212	44.49	nq	90
61) 4-Nitroaniline	13.58	138	108500	40.12	nq	96
62) Azobenzene	13.75	77	516276	49.83	nq	93
64) 4,6-Dinitro-2-methylphenol	13.63	198	95127	47.79	nq	# 69
65) n-Nitrosodiphenylamine	13.70	169	481261	44.66	nq	99
66) 4-Bromophenyl-phenylether	14.28	248	140091	44.66	nq	99
67) Hexachlorobenzene	14.36	284	137477	42.76	nq	# 85
68) Atrazine	14.62	200	138763	45.61	nq	98
69) Pentachlorophenol	14.71	266	129006	88.11	nq	98
70) Phenanthrene	15.01	178	785325	46.03	nq	99
71) Anthracene	15.09	178	820455	47.08	nq	98
72) Carbazole	15.38	167	741834	46.79	nq	98
73) Di-n-butylphthalate	15.95	149	905281	45.78	nq	98
74) Fluoranthene	16.75	202	864292	49.39	nq	98
76) Benzidine	16.98	184	62850	13.71	nq	# 91
77) Pyrene	17.05	202	910392	43.21	nq	99
79) Butylbenzylphthalate	17.96	149	435236	44.41	nq	89
80) Benzo(a)anthracene	18.63	228	726598	44.32	nq	99
81) 3,3'-Dichlorobenzidine	18.61	252	118246	20.88	nq	# 96
82) Chrysene	18.68	228	697367	43.99	nq	98
83) Bis(2-ethylhexyl)phthalate	18.70	149	611318	43.78	nq	# 100
84) Di-n-octyl phthalate	19.47	149	983457	42.96	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	535105	41.57	nq	99
87) Benzo(b)fluoranthene	19.90	252	634022	47.72	nq	98
88) Benzo(k)fluoranthene	19.93	252	604601	47.17	nq	# 94
89) Benzo(a)pyrene	20.25	252	572431	46.69	nq	99
90) Dibenzo(a,h)anthracene	21.60	278	441277	43.58	nq	97
91) Benzo(g,h,i)perylene	21.96	276	455626	45.85	nq	96

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

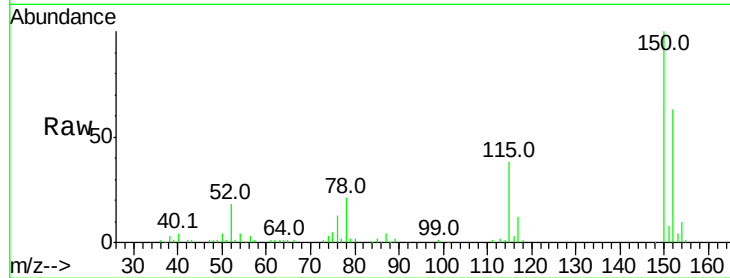


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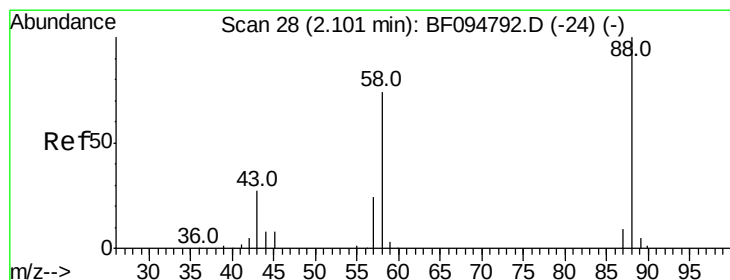
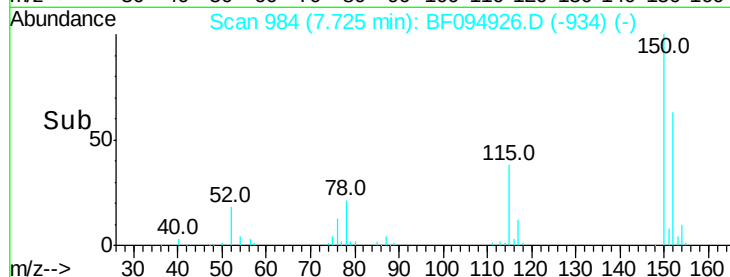
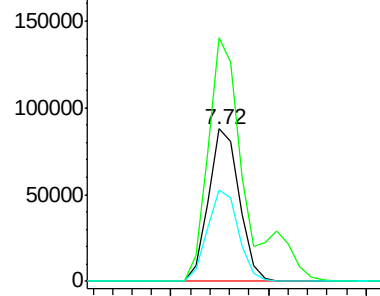
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 984
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 96562
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 60.0 52.2 78.2



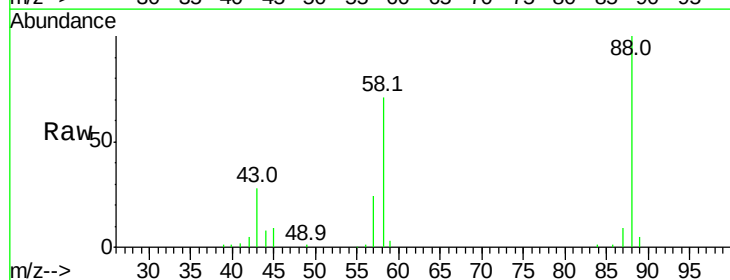
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



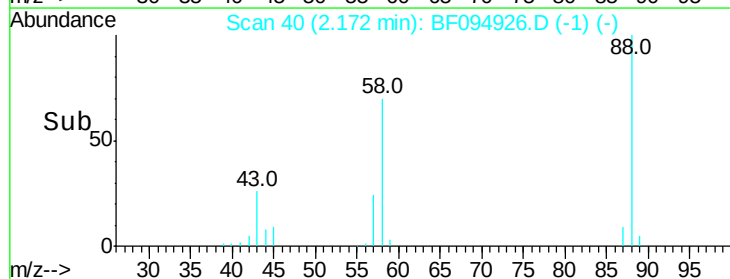
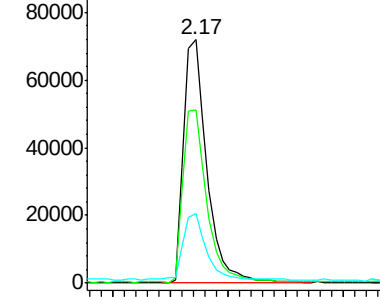
#2

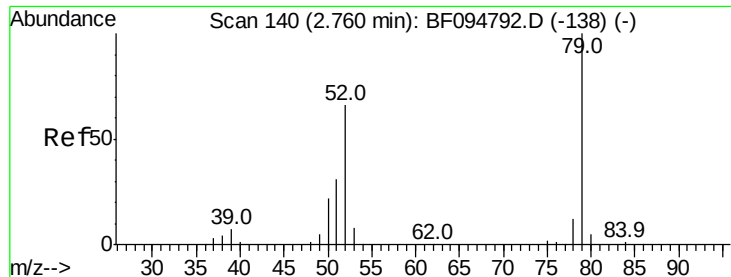
1,4-Dioxane
Concen: 35.67 ng
RT: 2.17 min Scan# 40
Delta R.T. 0.07 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion: 88 Resp: 101314
Ion Ratio Lower Upper
88 100
58 71.0 61.4 92.0
43 25.9 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



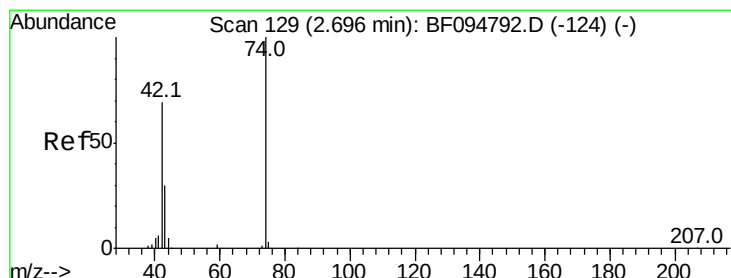
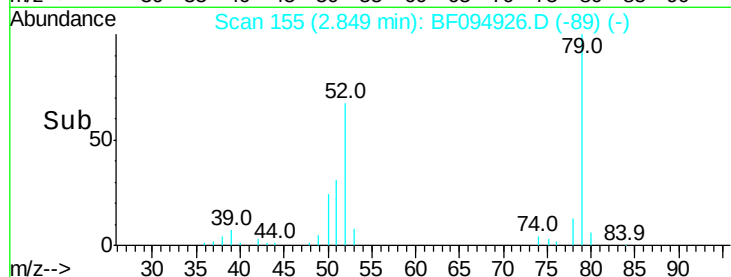
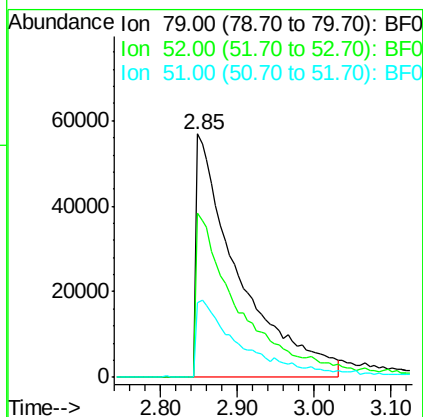
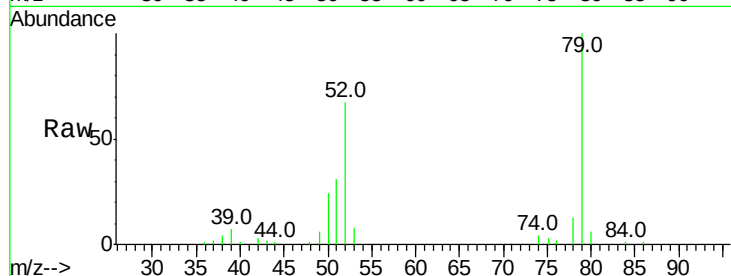


#3
 Pvridine
 Concen: 33.05 ng
 RT: 2.85 min Scan# 155
 Delta R.T. 0.09 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 217597

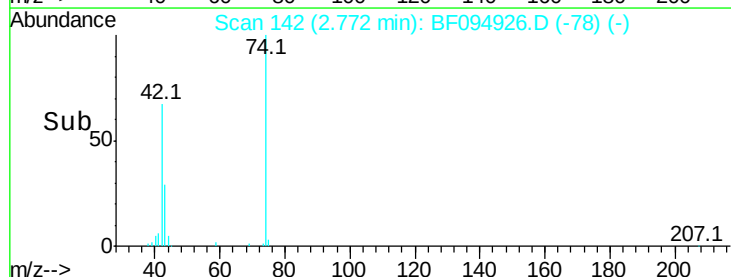
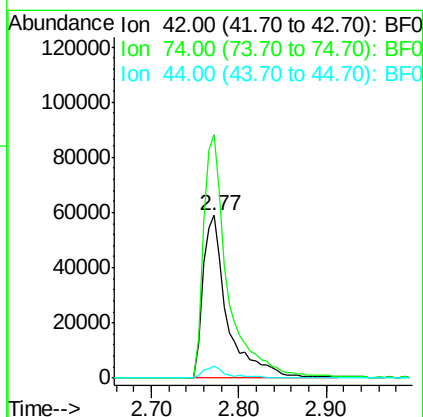
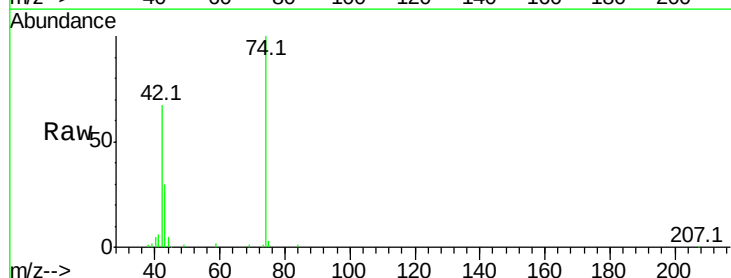
Ion	Ratio	Lower	Upper
79	100		
52	67.3	54.8	82.2
51	30.8	27.0	40.4

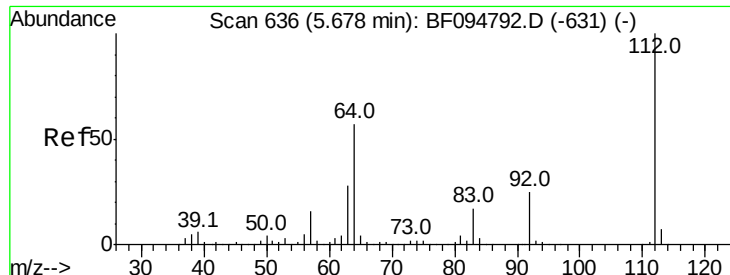


#4
 n-Nitrosodimethylamine
 Concen: 41.71 ng
 RT: 2.77 min Scan# 142
 Delta R.T. 0.08 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion: 42 Resp: 114448

Ion	Ratio	Lower	Upper
42	100		
74	149.7	103.9	155.9
44	7.2	5.7	8.5





#5

2-Fluorophenol

Concen: 136.17 ng

RT: 5.69 min Scan# 638

Delta R.T. 0.01 min

Lab File: BF094926.D

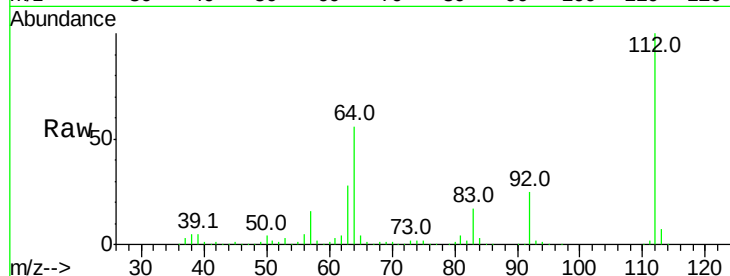
Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampled :

Tot Ion:	112	Resp:	788696
Ion	Ratio	Lower	Upper
112	100		
64	56.3	46.0	69.0
63	27.7	23.4	35.0

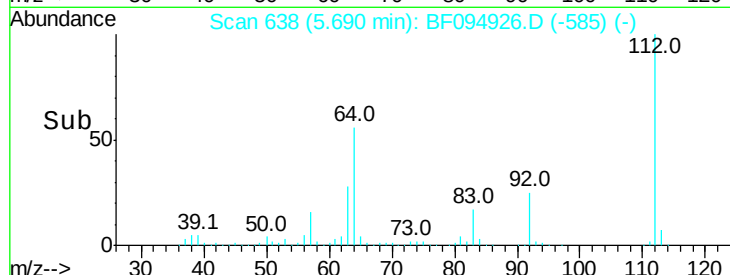


Abundance Ion 112.00 (111.70 to 112.70): E

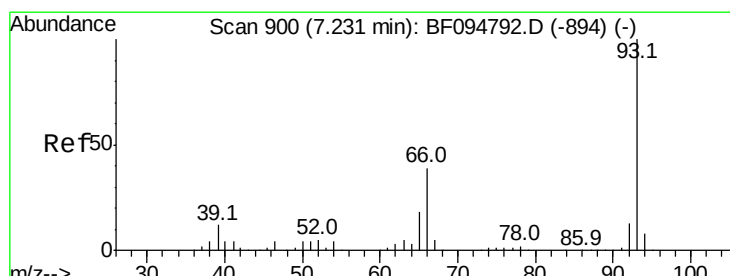
Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



Time-->



#6

Aniline

Concen: 13.13 ng

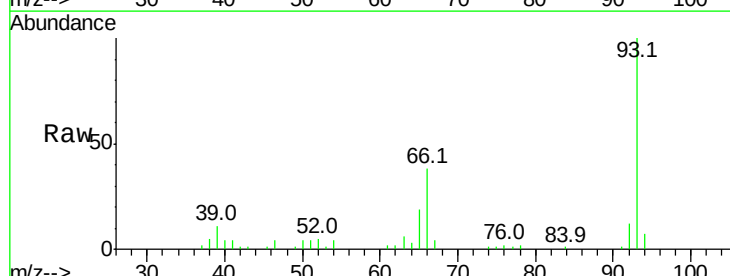
RT: 7.24 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Tgt Ion:	93	Resp:	115173
Ion	Ratio	Lower	Upper
93	100		
66	38.1	32.9	49.3
65	19.2	16.0	24.0

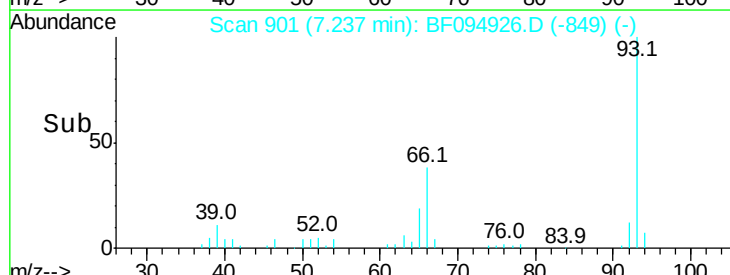


Abundance Ion 93.00 (92.70 to 93.70): BF0

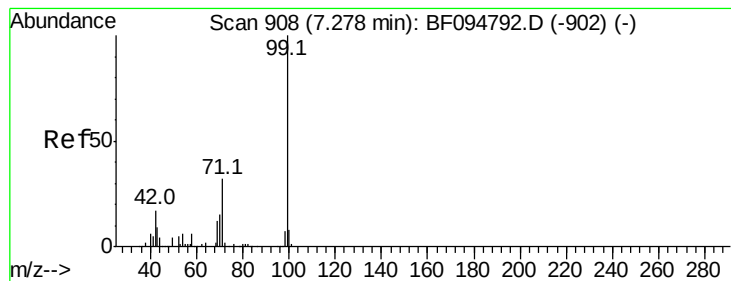
Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->



Time-->



#7

Phenol-d6

Concen: 139.57 ng

RT: 7.28 min Scan# 908

Delta R.T. 0.00 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampleId :

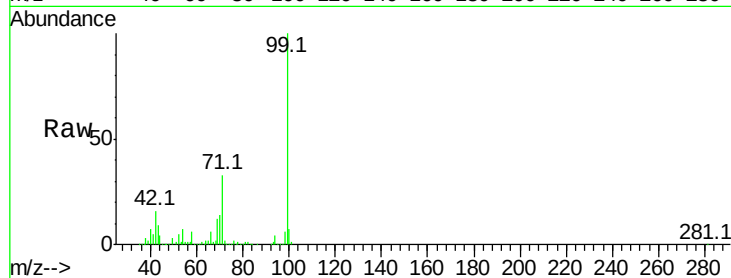
Tot Ion: 99 Resp: 969919

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

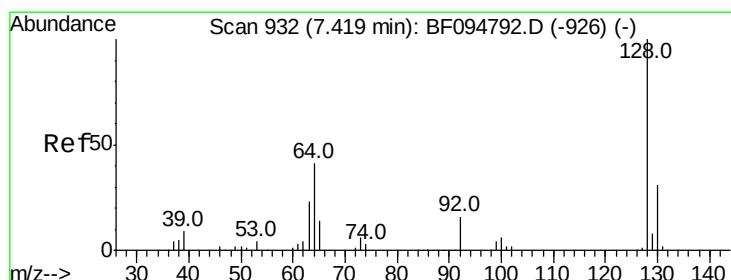
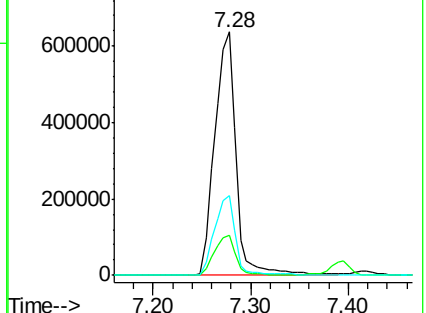
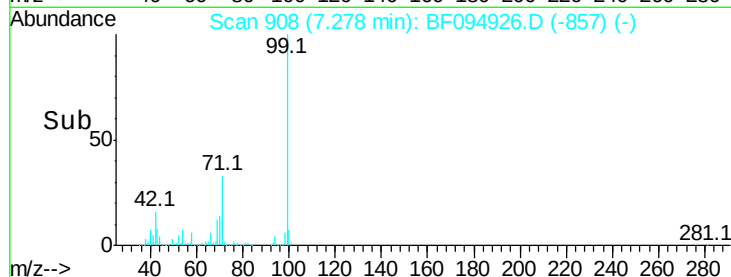
71 33.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 45.71 ng

RT: 7.42 min Scan# 932

Delta R.T. 0.00 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

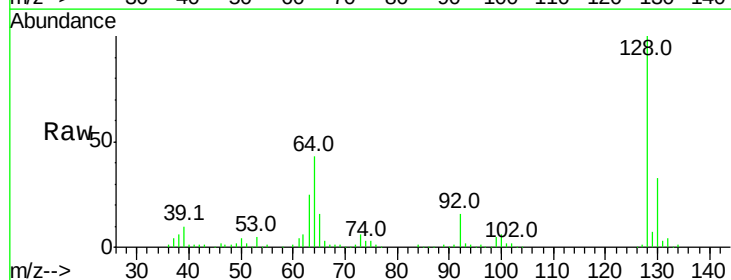
Tgt Ion: 128 Resp: 301310

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

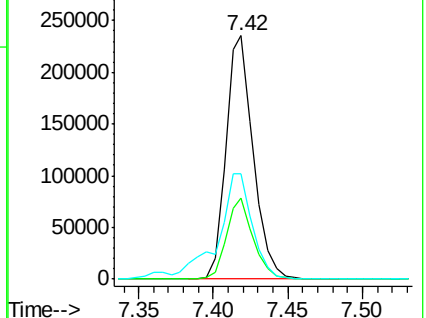
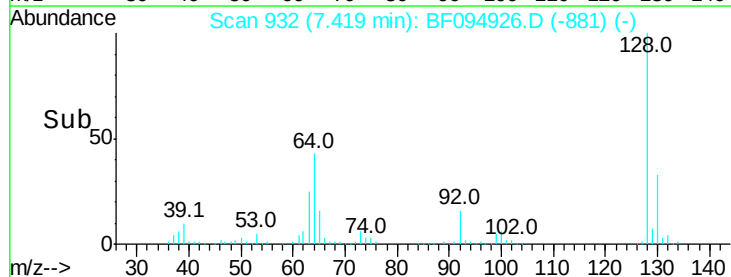
64 43.2 28.4 68.4

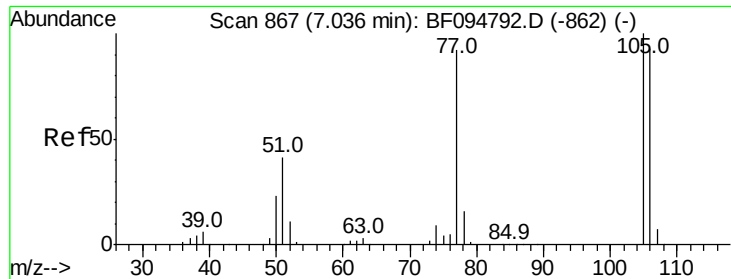


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

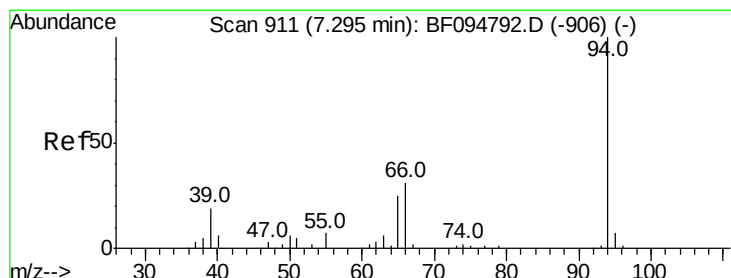
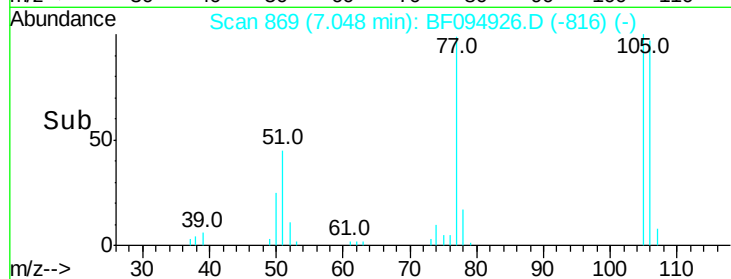
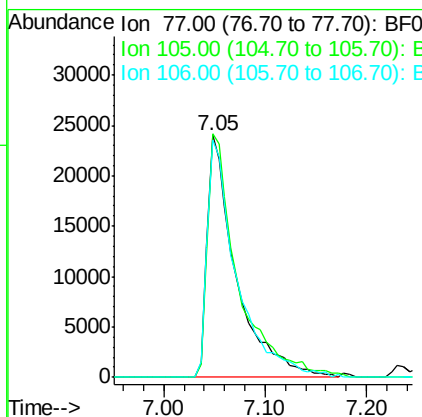
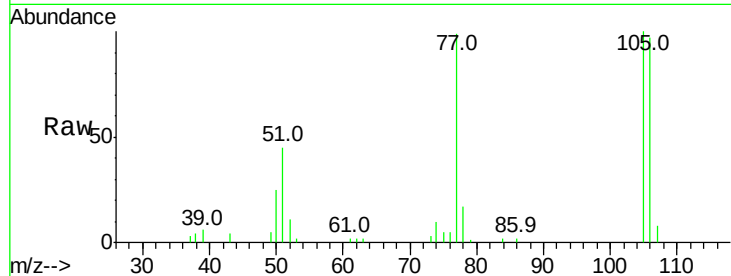




#9
Benzaldehyde
Concen: 11.21 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

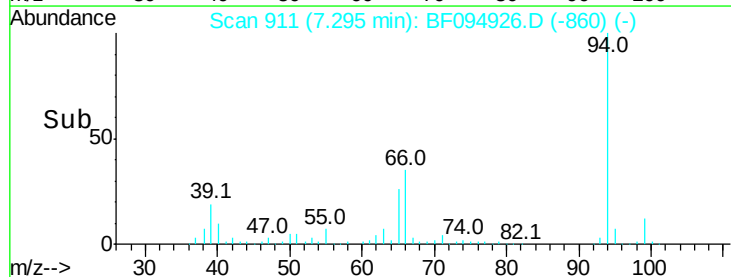
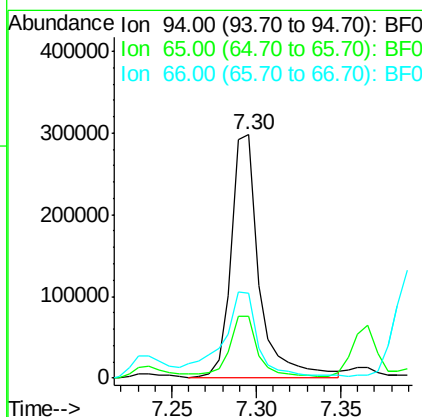
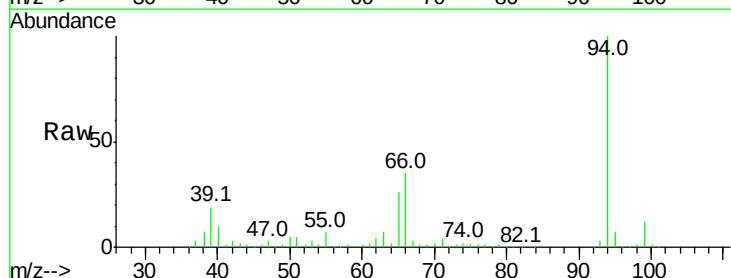
Instrument :
BNA_F
ClientSampleId :

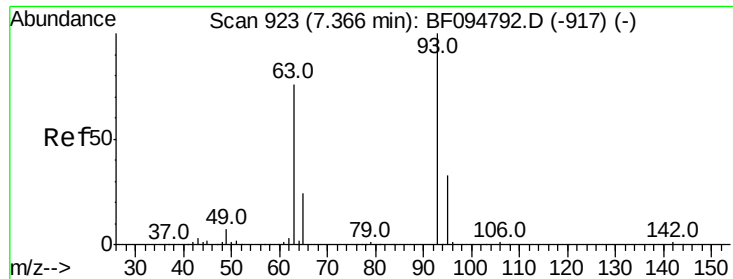
Tot Ion: 77 Resp: 47585
Ion Ratio Lower Upper
77 100
105 100.7 83.8 123.8
106 97.9 79.1 119.1



#10
Phenol
Concen: 46.62 ng
RT: 7.30 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion: 94 Resp: 341363
Ion Ratio Lower Upper
94 100
65 25.6 9.9 49.9
66 34.8 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 44.81 ng

RT: 7.37 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampleId :

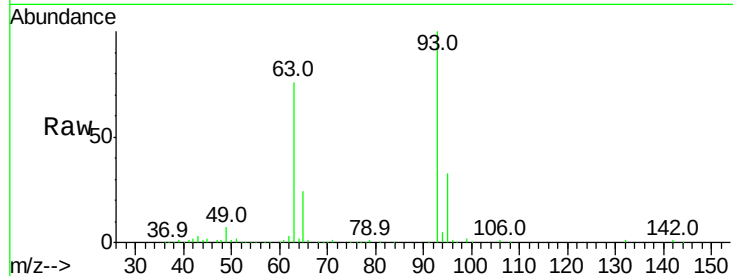
Tot Ion: 93 Resp: 270875

Ion Ratio Lower Upper

93 100

63 76.2 59.2 99.2

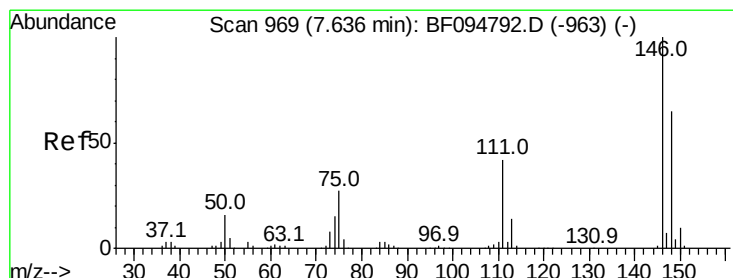
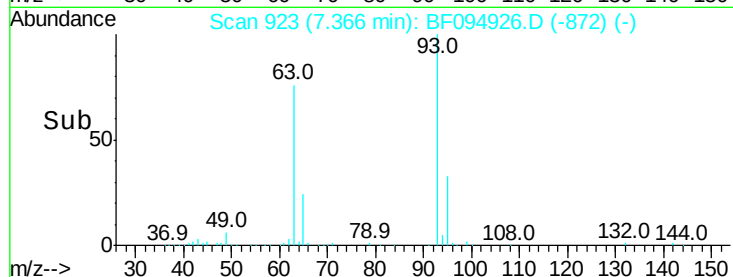
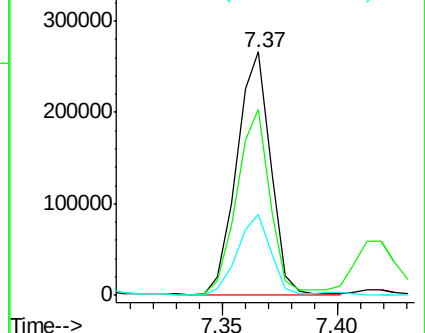
95 33.1 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 43.37 ng

RT: 7.63 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

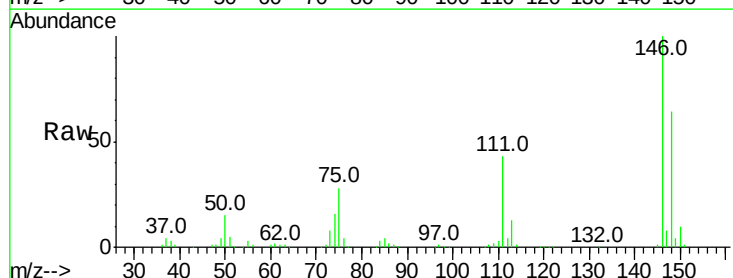
Tgt Ion: 146 Resp: 324321

Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

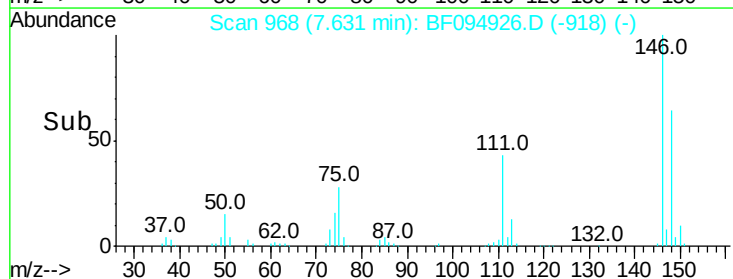
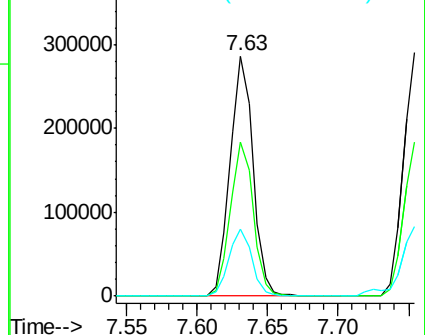
75 28.0 23.1 34.7

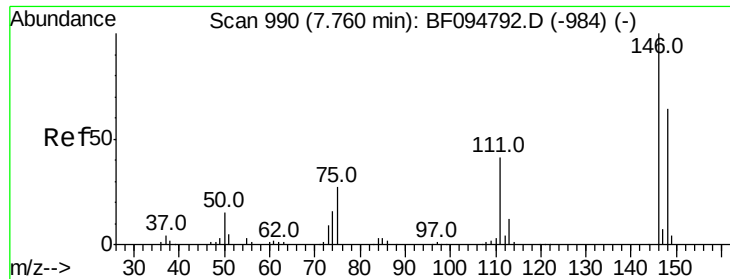


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

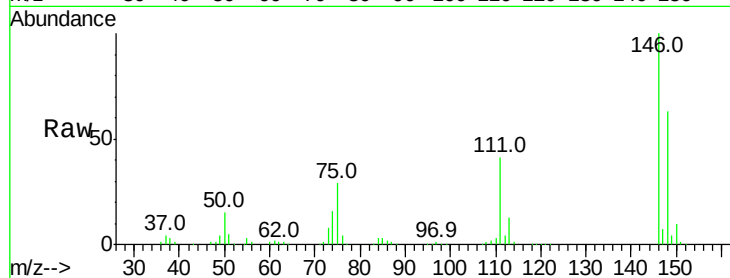




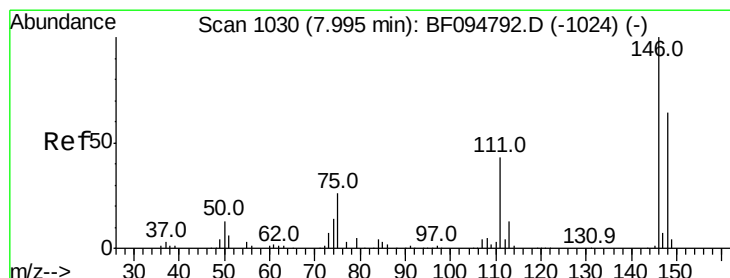
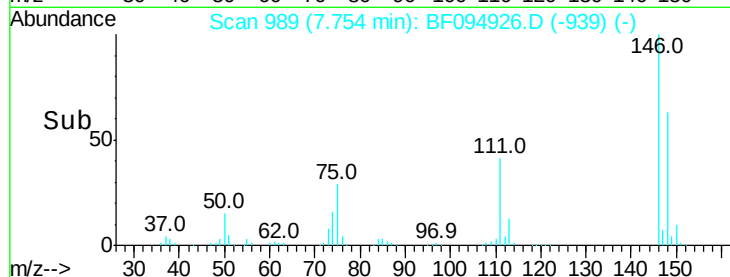
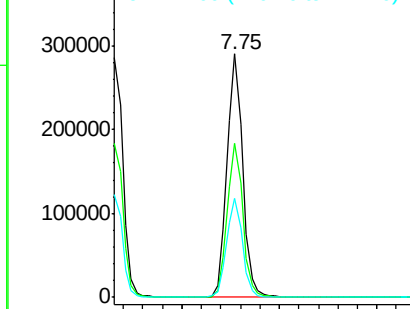
#13
 1,4-Dichlorobenzene
 Concen: 42.76 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 324271
 Ion Ratio Lower Upper
 146 100
 148 63.3 52.2 78.2
 111 40.8 30.3 45.5

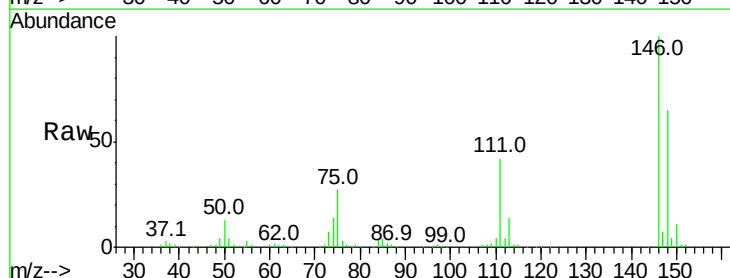


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

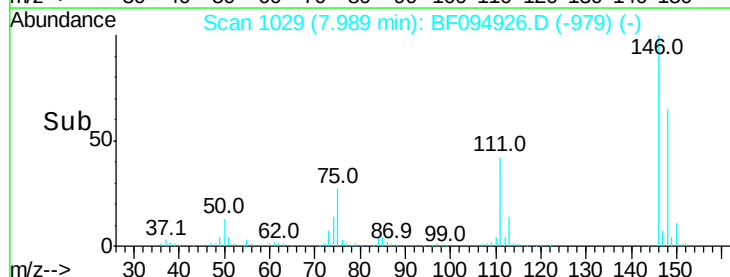
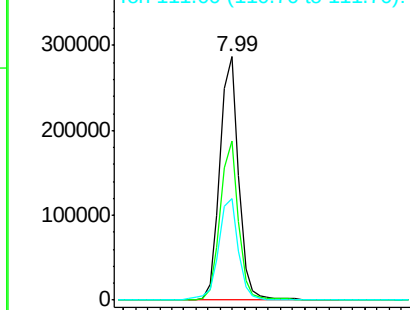


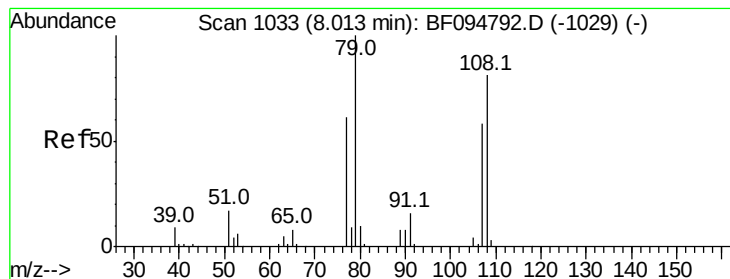
#14
 1,2-Dichlorobenzene
 Concen: 43.31 ng
 RT: 7.99 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion:146 Resp: 306604
 Ion Ratio Lower Upper
 146 100
 148 65.2 50.4 75.6
 111 41.8 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: 49.94 ng

RT: 8.01 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampled :

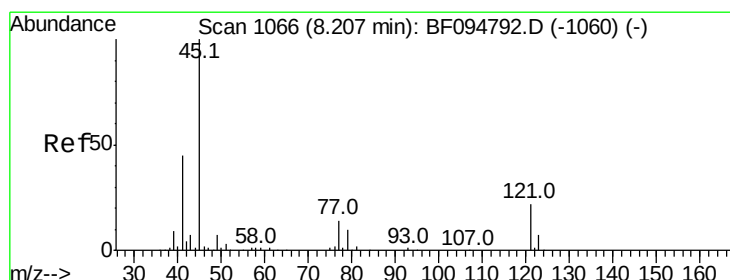
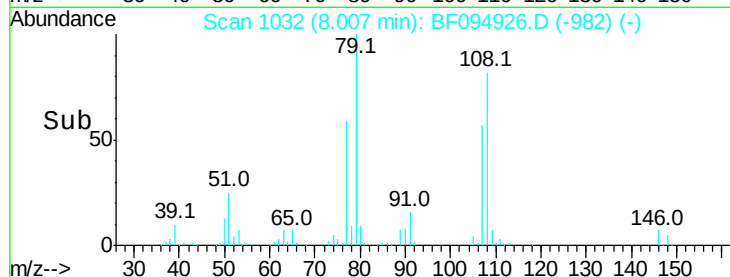
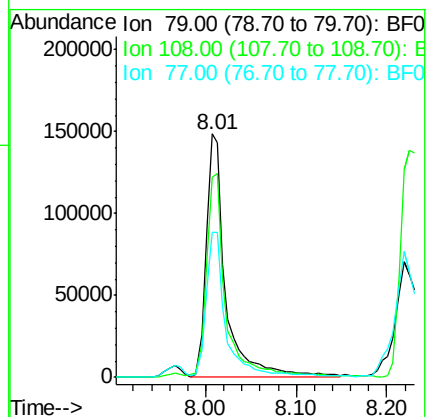
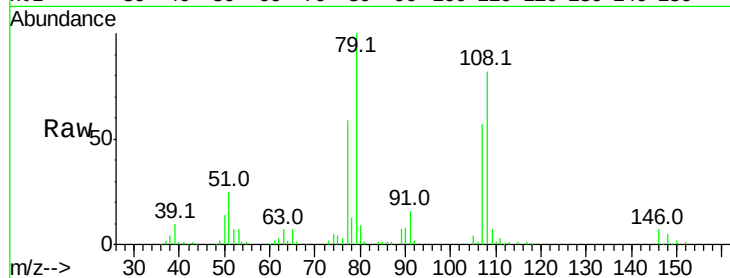
Tot Ion: 79 Resp: 223226

Ion Ratio Lower Upper

79 100

108 82.3 63.4 95.0

77 59.5 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.55 ng

RT: 8.21 min Scan# 1067

Delta R.T. 0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

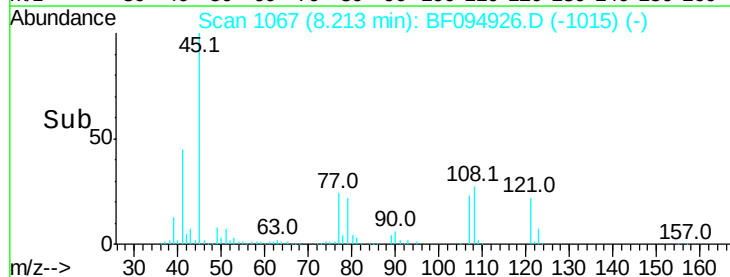
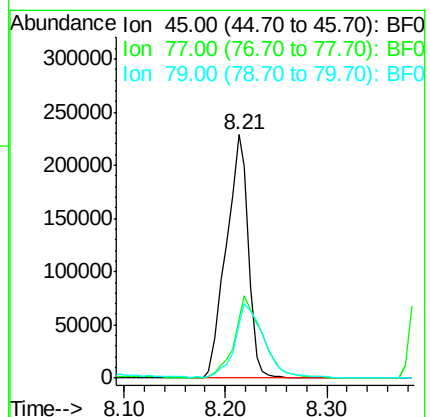
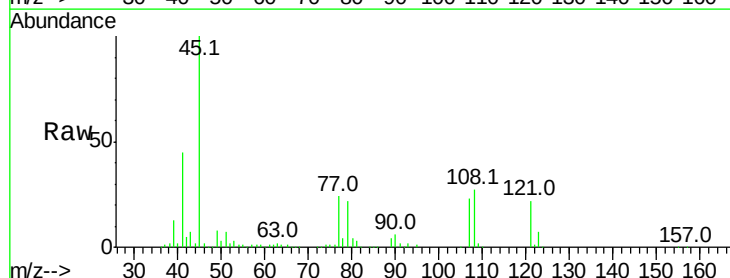
Tgt Ion: 45 Resp: 346925

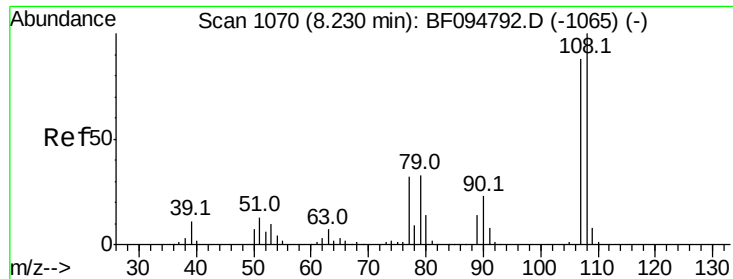
Ion Ratio Lower Upper

45 100

77 24.4 0.0 33.2

79 22.2 0.0 30.0





#17

2-Methylphenol

Concen: 45.13 ng

RT: 8.23 min Scan# 1070

Delta R.T. 0.00 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 243456

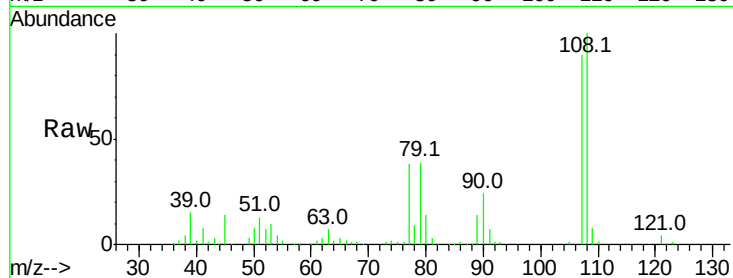
Ion Ratio Lower Upper

107 100

108 110.9 93.4 140.0

77 41.7 35.8 53.6

79 43.2 34.8 52.2

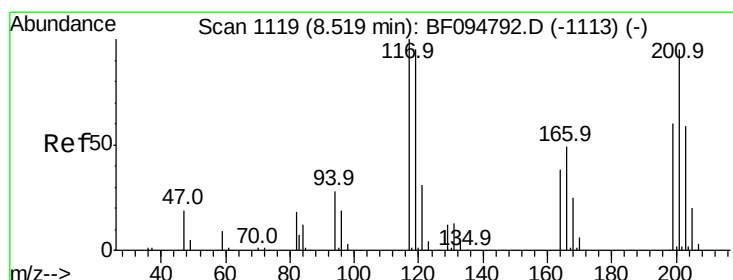
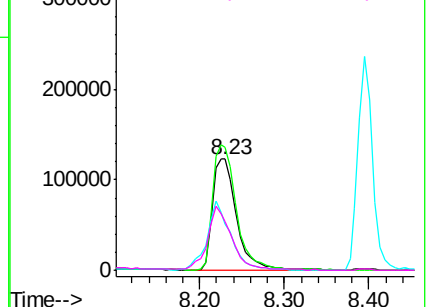
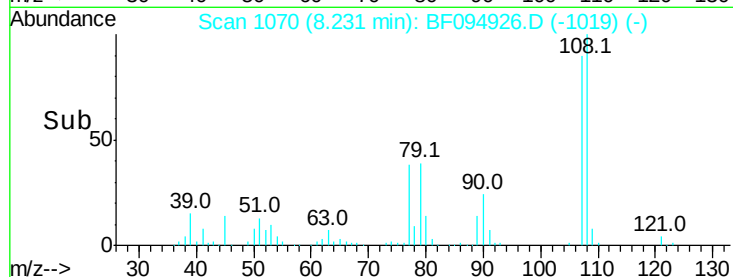


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.77 ng

RT: 8.51 min Scan# 1117

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

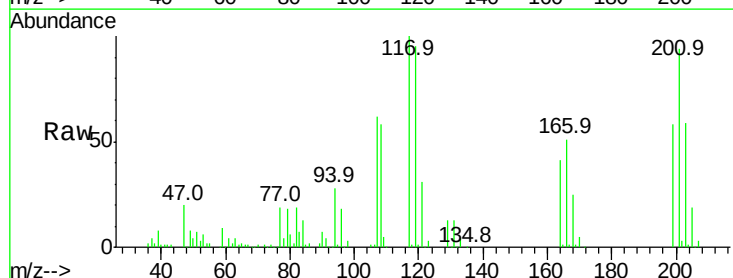
Tgt Ion:117 Resp: 107319

Ion Ratio Lower Upper

117 100

119 94.9 77.4 116.0

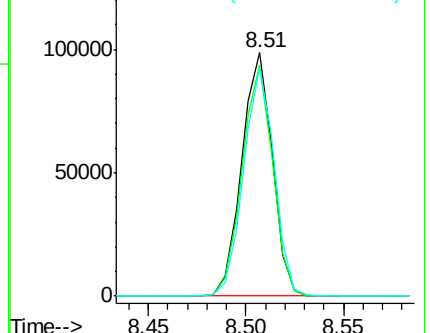
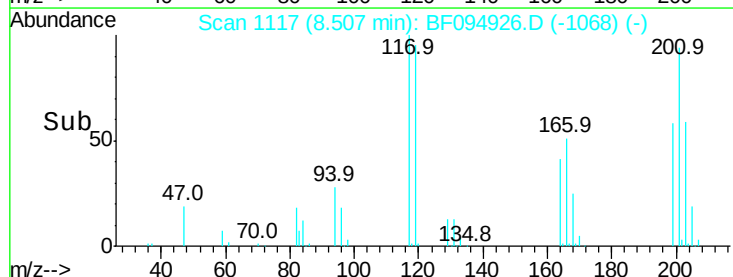
201 93.6 94.6 141.8#

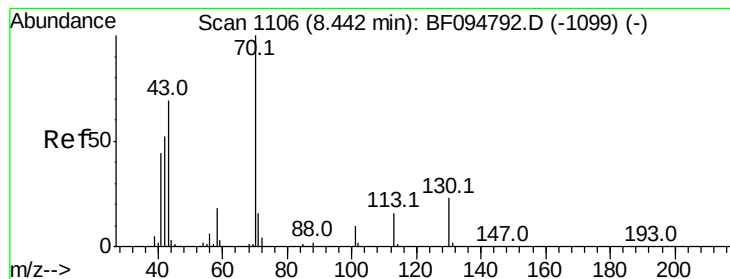


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 42.90 ng

RT: 8.44 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 201627

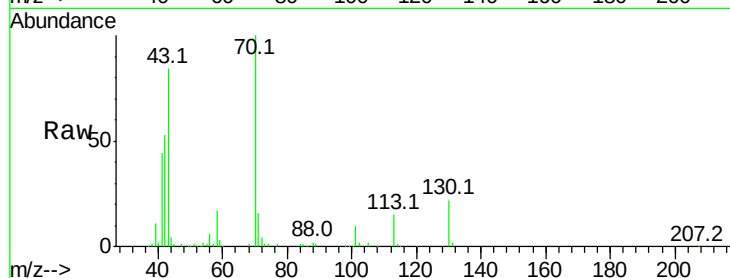
Ion Ratio Lower Upper

70 100

42 53.4 47.2 70.8

101 10.2 7.2 10.8

130 21.8 15.9 23.9

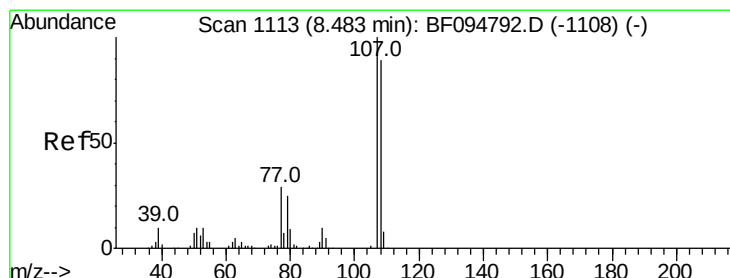
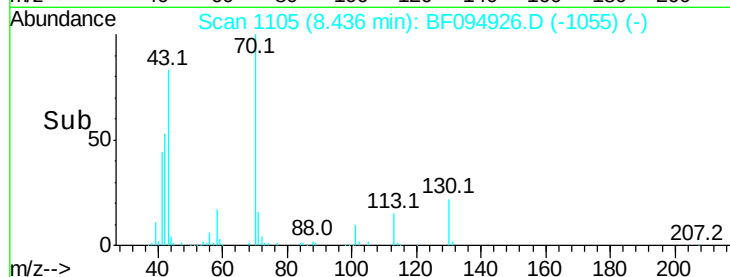
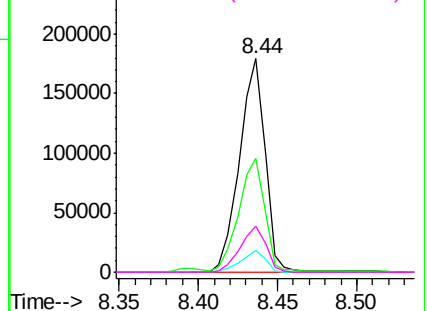


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#20

3+4-Methylphenols

Concen: 43.82 ng

RT: 8.49 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Tgt Ion:107 Resp: 321247

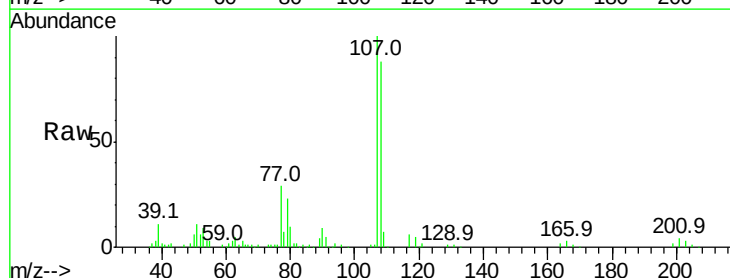
Ion Ratio Lower Upper

107 100

108 88.0 71.0 111.0

77 29.2 90.5 130.5#

79 23.3 8.4 48.4

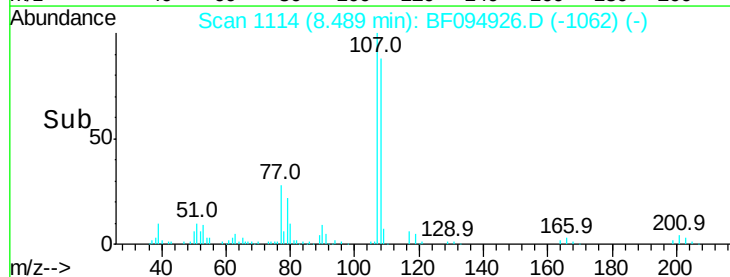
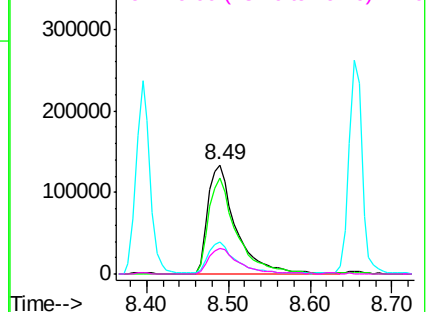


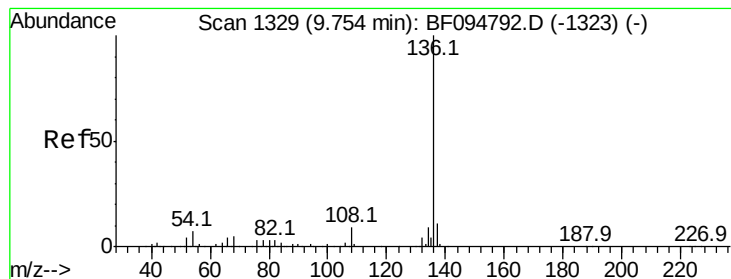
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 393926

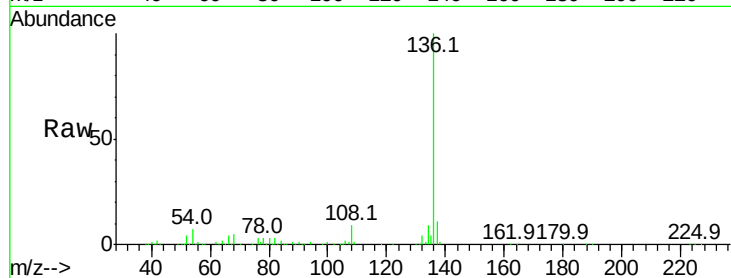
Ion Ratio Lower Upper

136 100

137 11.3 8.5 12.7

54 7.2 4.9 7.3

68 4.9 4.1 6.1

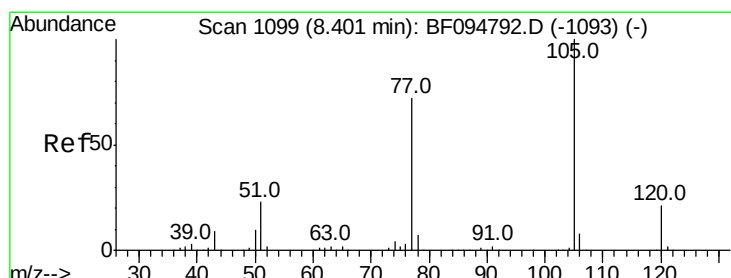
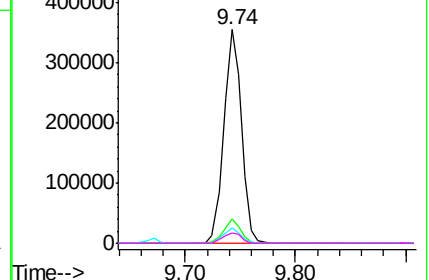
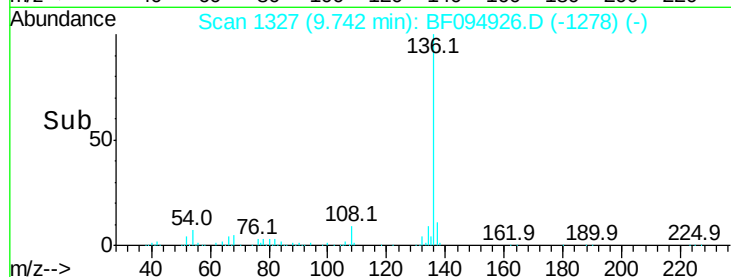


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 41.99 ng

RT: 8.40 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Tgt Ion:105 Resp: 396831

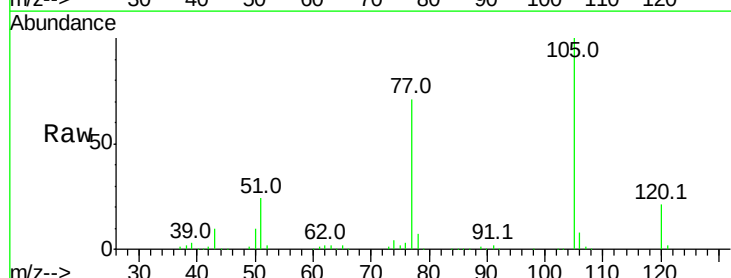
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.5 30.7 46.1#

120 20.8 17.4 26.0

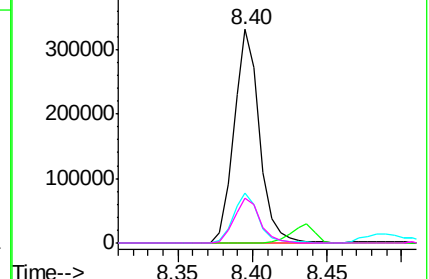
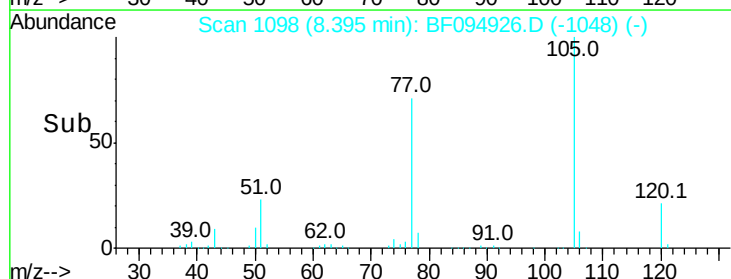


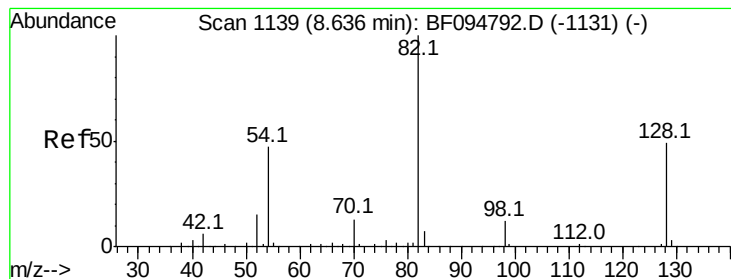
Abundance Ion 105.00 (104.70 to 105.70): E

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: 90.16 ng

RT: 8.63 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampleId :

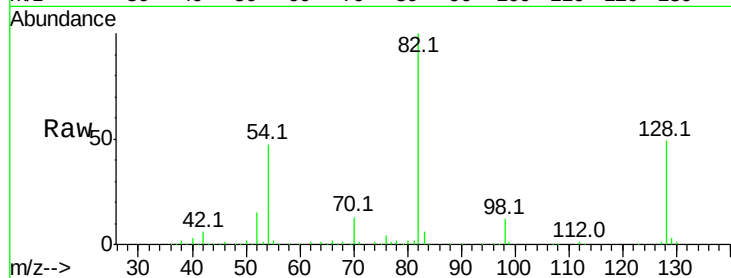
Tot Ion: 82 Resp: 563229

Ion Ratio Lower Upper

82 100

128 49.1 34.0 51.0

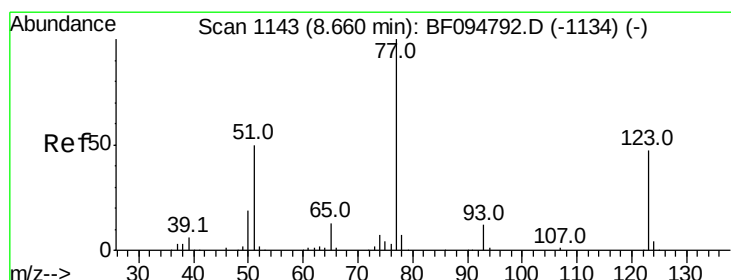
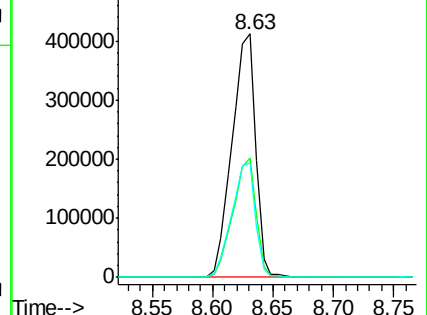
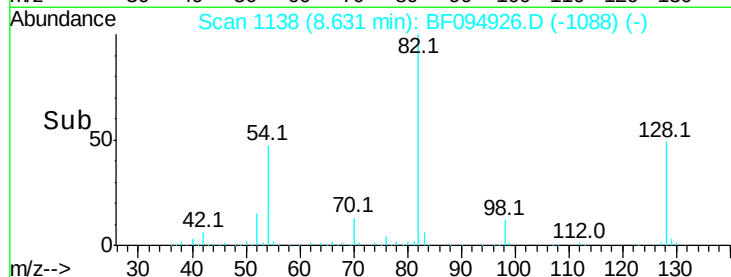
54 46.8 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#24

Nitrobenzene

Concen: 44.91 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

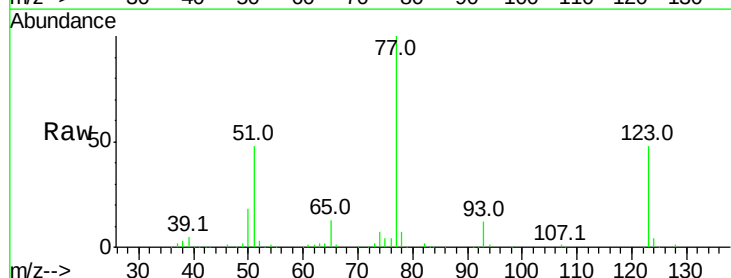
Tgt Ion: 77 Resp: 294044

Ion Ratio Lower Upper

77 100

123 47.6 35.8 53.8

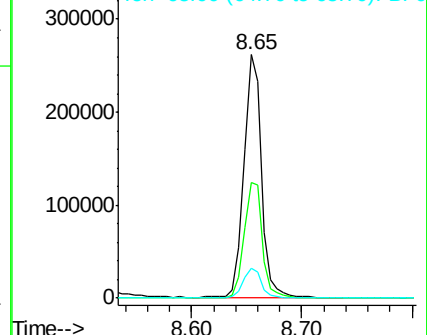
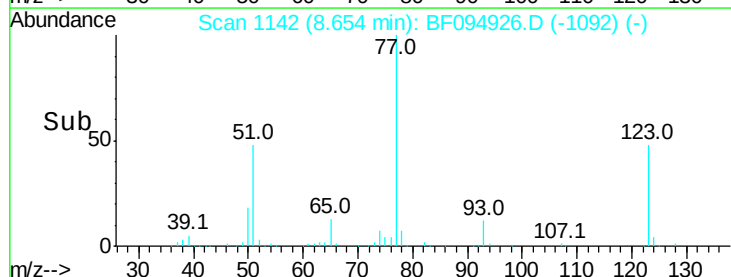
65 12.5 10.6 15.8

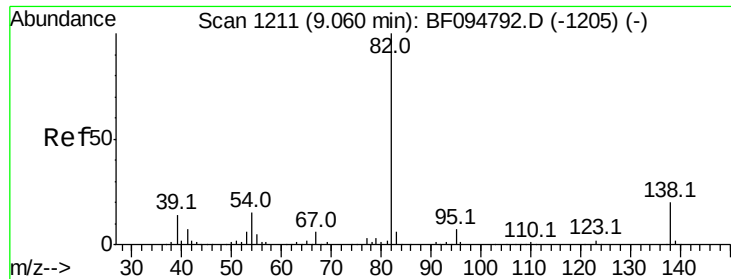


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

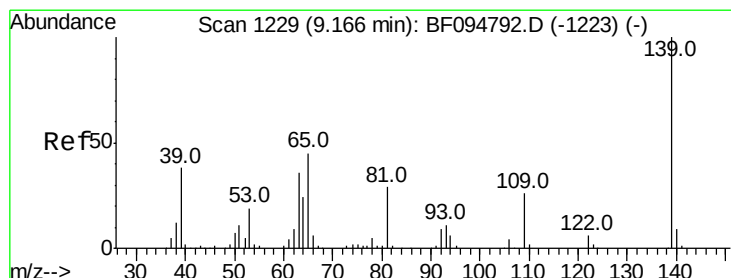
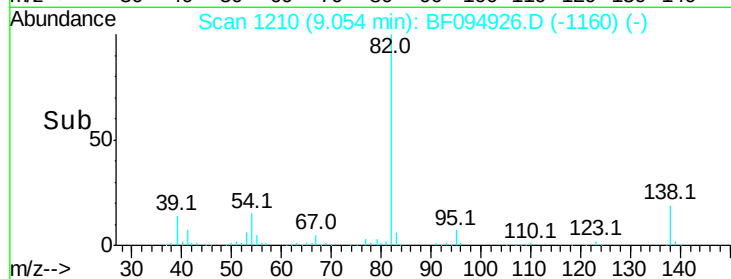
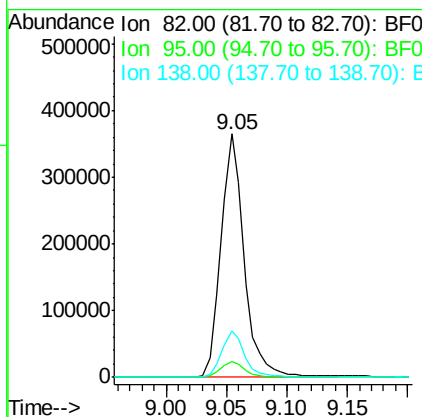
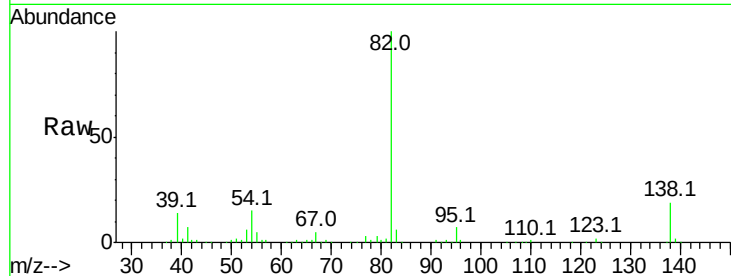




#25
Isophorone
Concen: 43.59 ng
RT: 9.05 min Scan# 1210
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

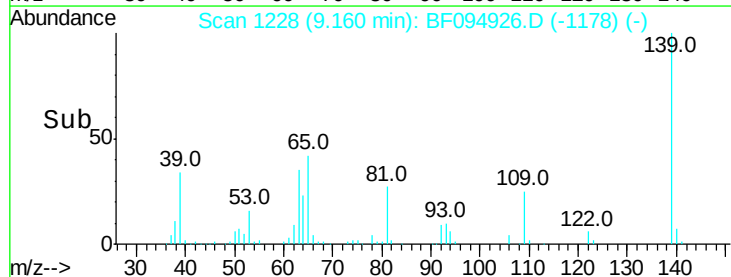
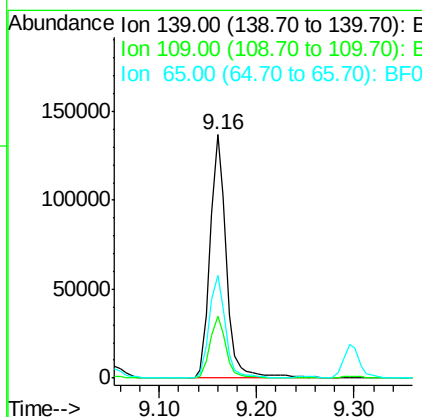
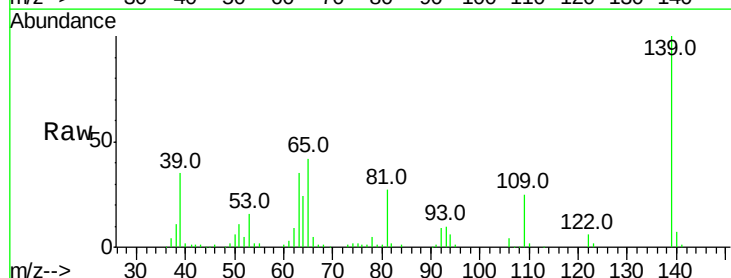
Instrument :
BNA_F
ClientSampleId :

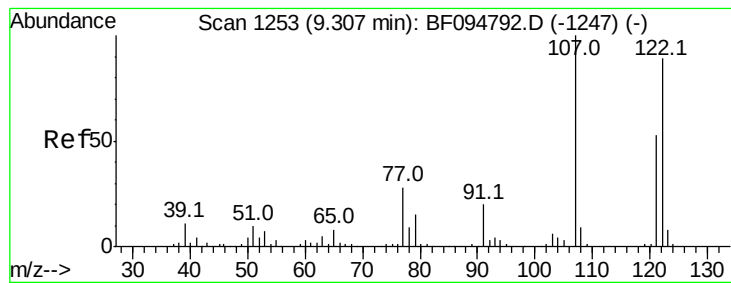
Tot Ion: 82 Resp: 486287
Ion Ratio Lower Upper
82 100
95 6.7 5.3 7.9
138 19.0 13.1 19.7



#26
2-Nitrophenol
Concen: 44.72 ng
RT: 9.16 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion:139 Resp: 158002
Ion Ratio Lower Upper
139 100
109 25.2 21.0 31.6
65 42.3 33.0 49.6

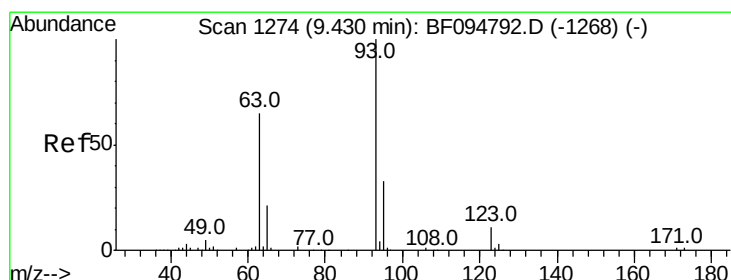
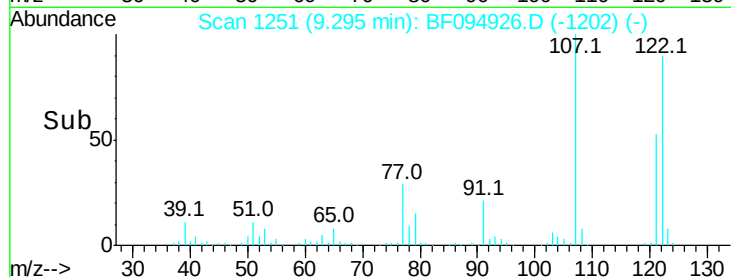
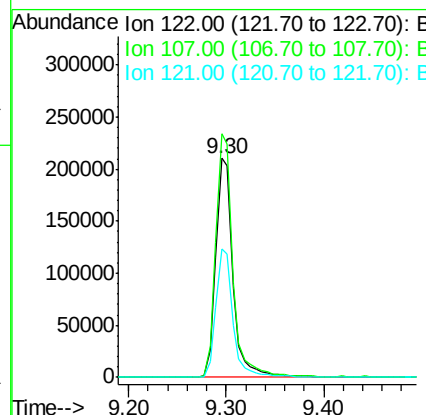
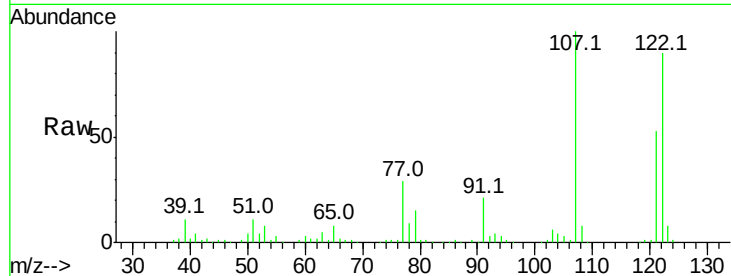




#27
 2,4-Dimethylphenol
 Concen: 45.14 ng
 RT: 9.30 min Scan# 1251
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

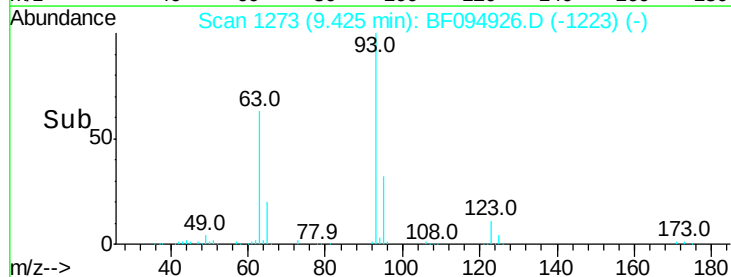
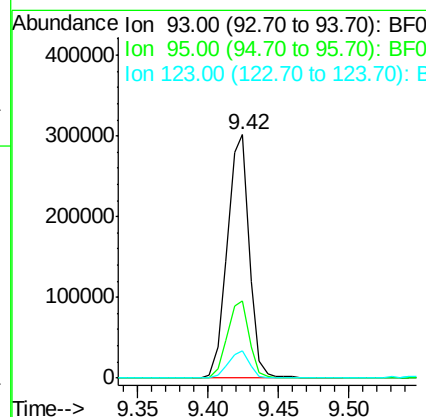
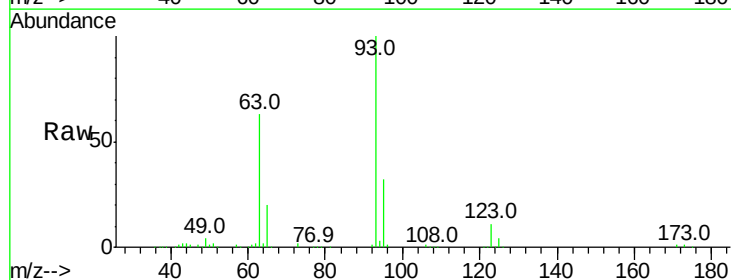
Instrument :
 BNA_F
 ClientSampleId :

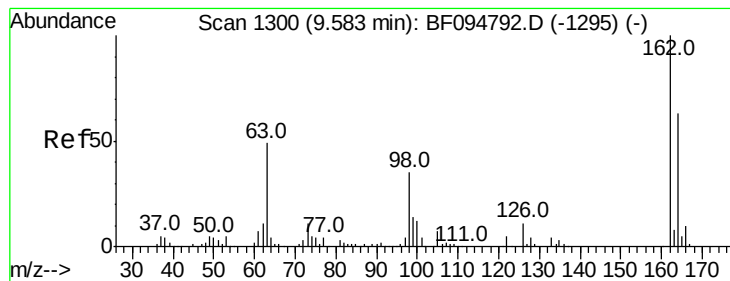
Tot Ion:122 Resp: 257871
 Ion Ratio Lower Upper
 122 100
 107 111.1 89.2 133.8
 121 58.8 45.2 67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.36 ng
 RT: 9.42 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion: 93 Resp: 326907
 Ion Ratio Lower Upper
 93 100
 95 31.9 26.5 39.7
 123 11.1 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 45.38 ng

RT: 9.58 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampleId :

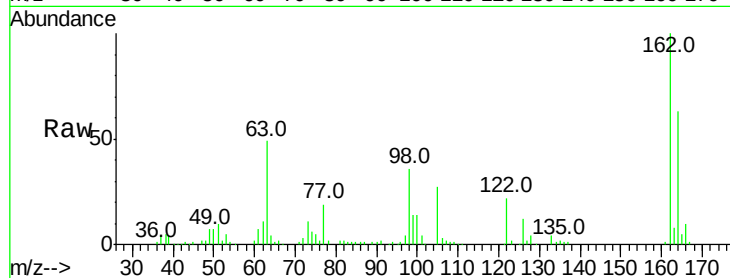
Tot Ion:162 Resp: 244783

Ion Ratio Lower Upper

162 100

164 63.1 44.6 84.6

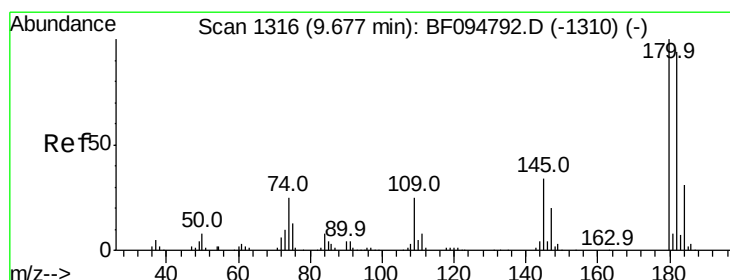
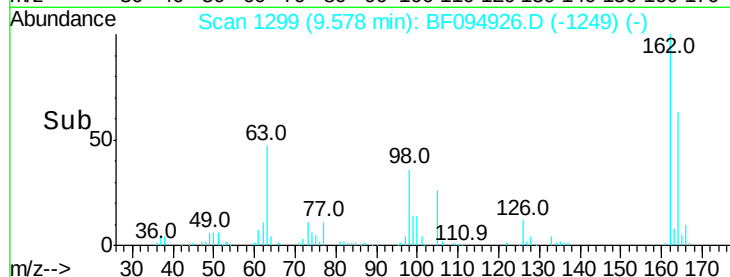
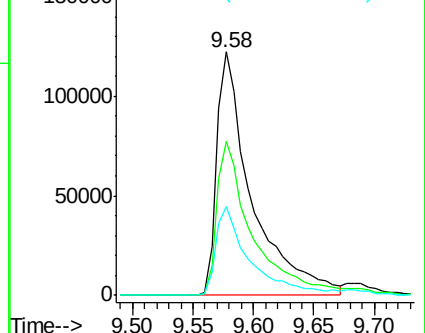
98 36.4 14.8 54.8



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: 43.24 ng

RT: 9.67 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

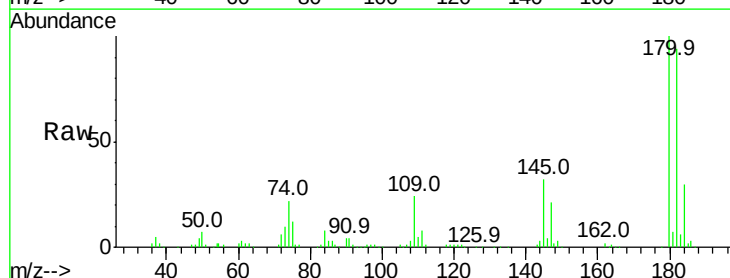
Tgt Ion:180 Resp: 249890

Ion Ratio Lower Upper

180 100

182 93.7 75.8 113.6

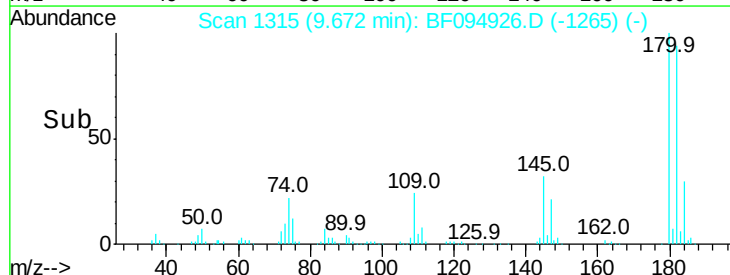
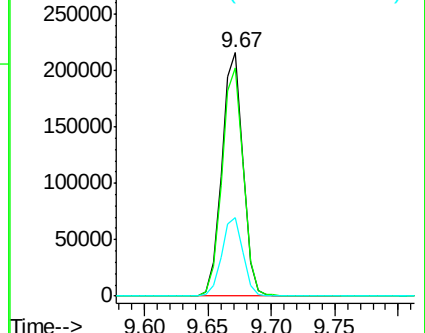
145 32.1 25.3 37.9

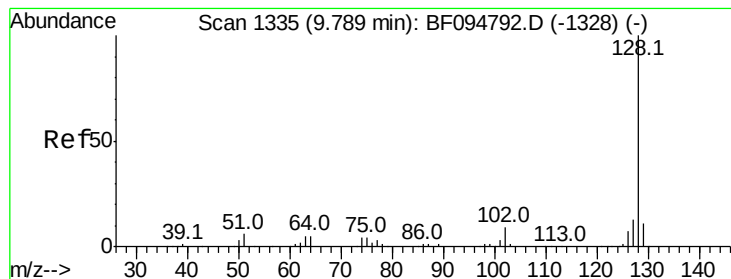


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 42.43 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampleId :

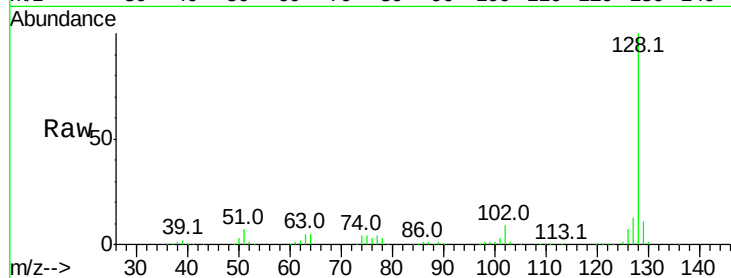
Tot Ion:128 Resp: 840110

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

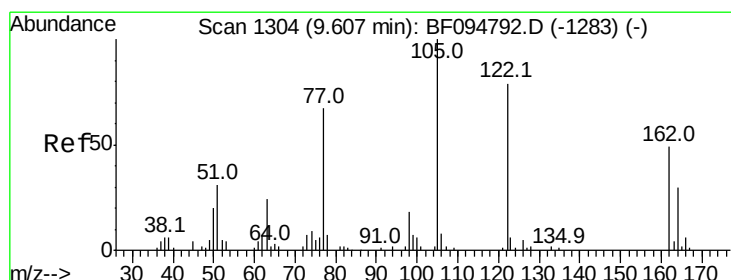
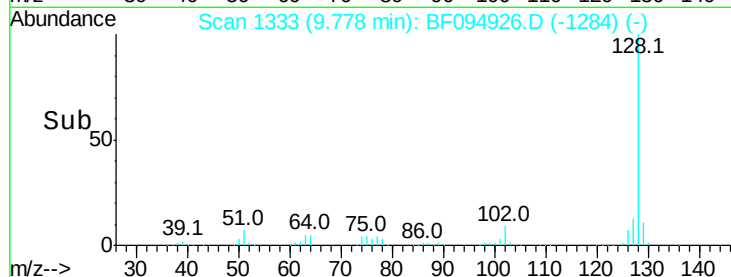
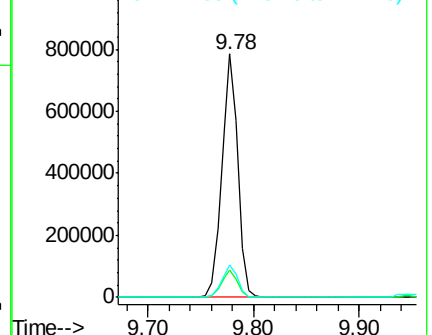
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 46.96 ng

RT: 9.62 min Scan# 1306

Delta R.T. 0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

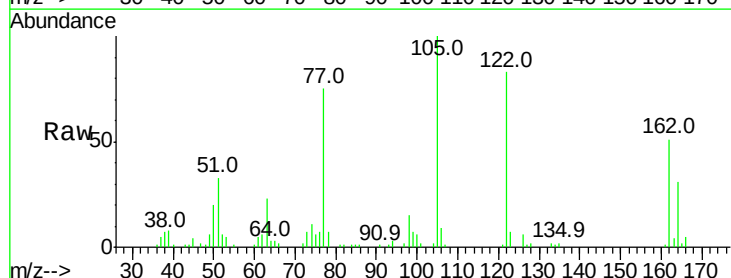
Tgt Ion:122 Resp: 175673

Ion Ratio Lower Upper

122 100

105 120.0 103.3 143.3

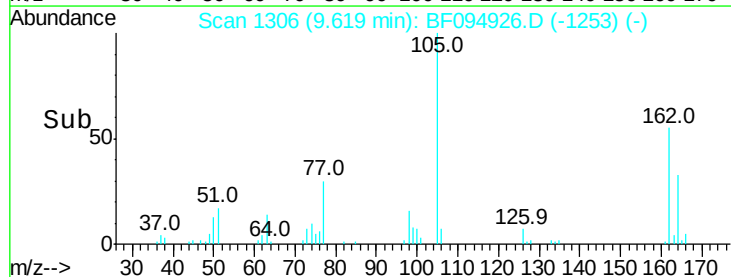
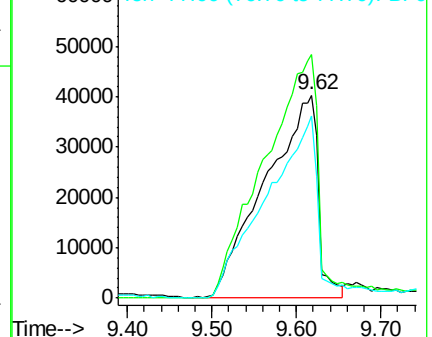
77 89.6 73.7 113.7

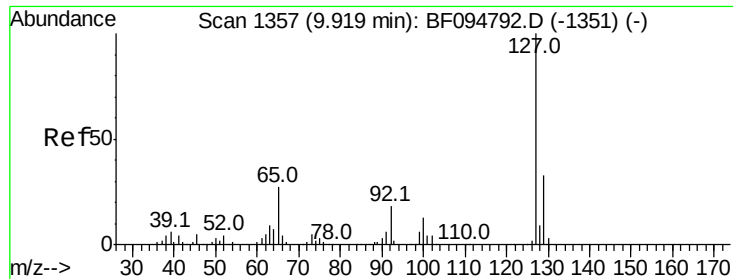


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

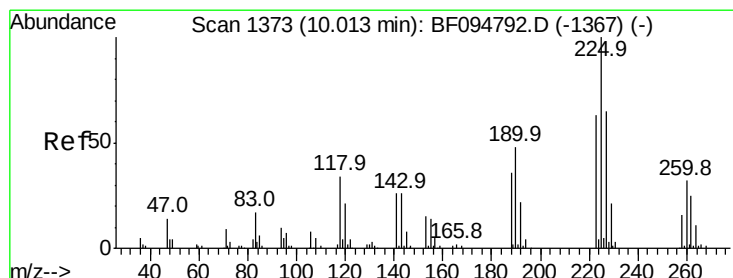
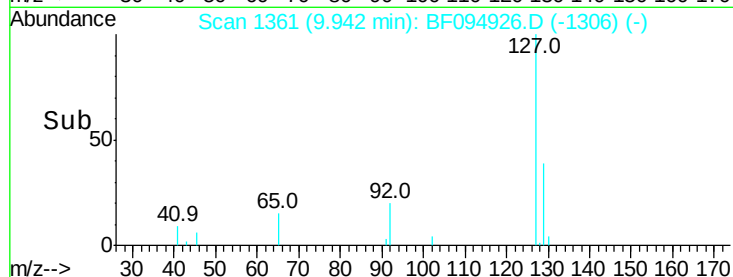
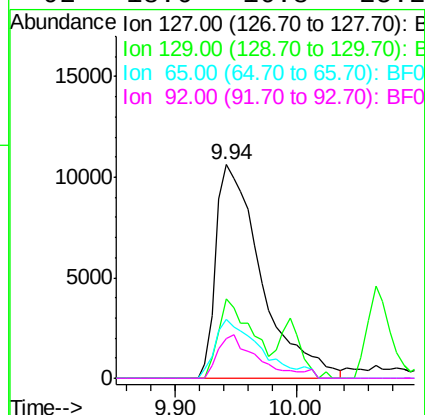
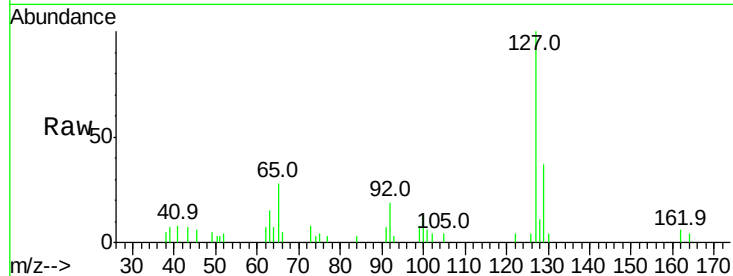




#33
 4-Chloroaniline
 Concen: 3.77 ng
 RT: 9.94 min Scan# 1361
 Delta R.T. 0.02 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

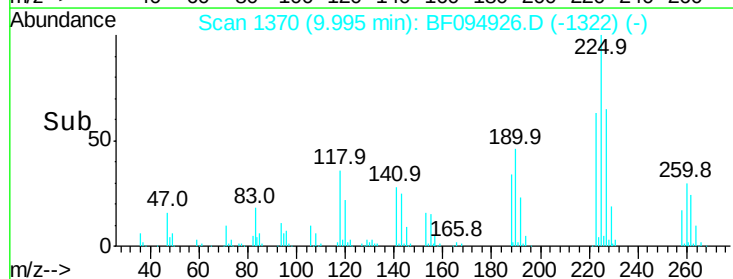
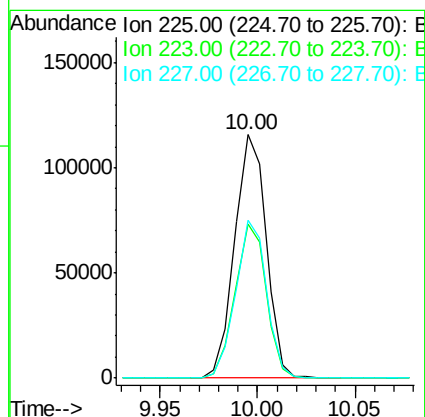
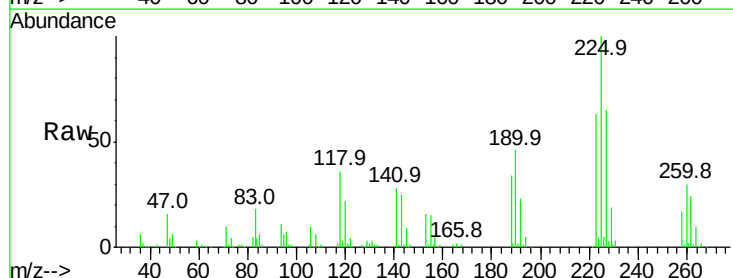
Instrument :
 BNA_F
 ClientSampleId :

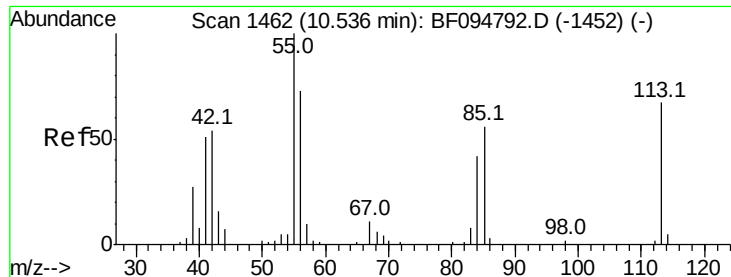
Tot Ion:	127	Resp:	27787
Ion	Ratio	Lower	Upper
127	100		
129	37.0	26.2	39.2
65	27.7	27.8	41.8#
92	18.6	16.8	25.2



#34
 Hexachlorobutadiene
 Concen: 42.69 ng
 RT: 10.00 min Scan# 1370
 Delta R.T. -0.02 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion:	225	Resp:	130166
Ion	Ratio	Lower	Upper
225	100		
223	63.4	48.8	73.2
227	64.7	51.1	76.7





#35

Caprolactam

Concen: 29.32 ng

RT: 10.54 min Scan# 1463

Delta R.T. 0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampleId :

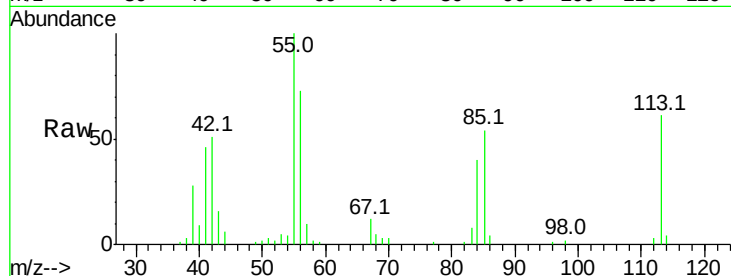
Tot Ion:113 Resp: 47484

Ion Ratio Lower Upper

113 100

55 163.7 150.2 190.2

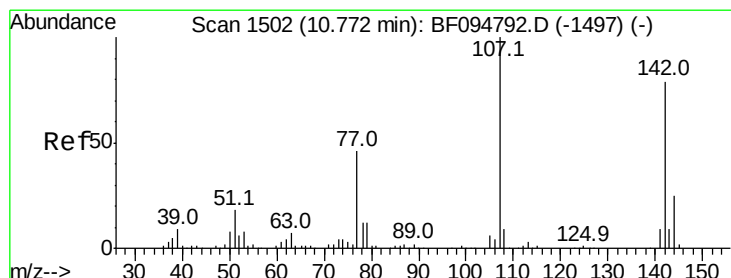
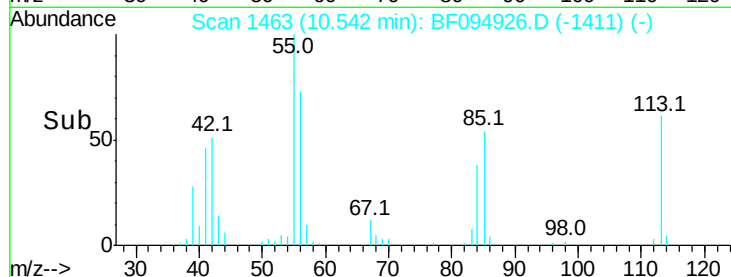
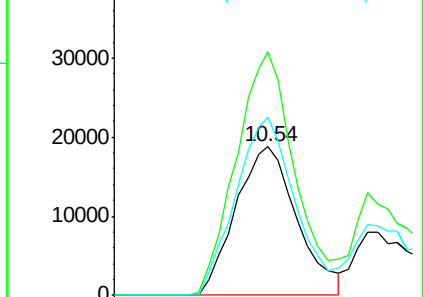
56 119.9 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 46.65 ng

RT: 10.78 min Scan# 1503

Delta R.T. 0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

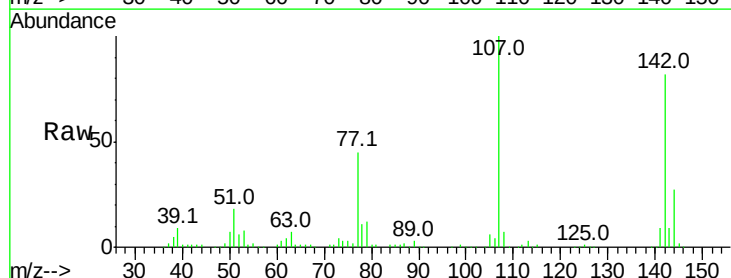
Tgt Ion:107 Resp: 269019

Ion Ratio Lower Upper

107 100

144 26.6 24.2 36.4

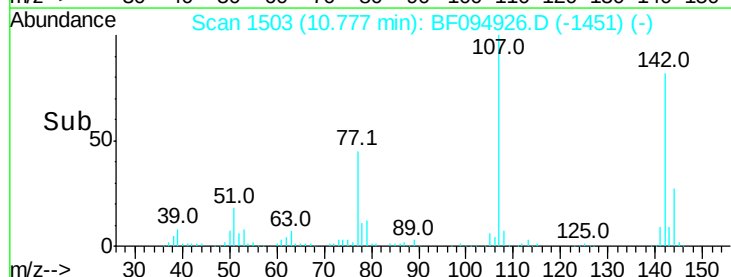
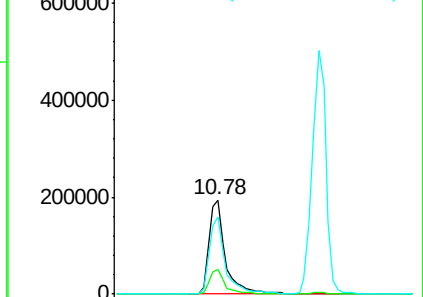
142 81.8 73.4 110.0

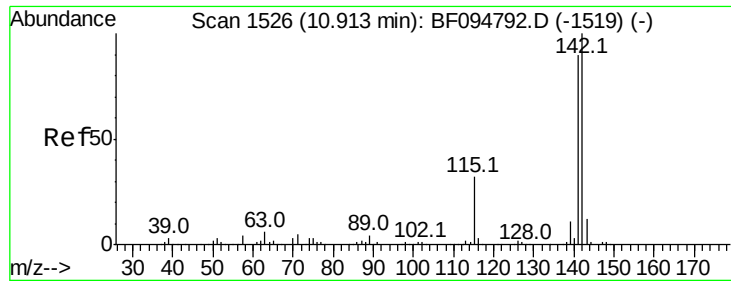


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

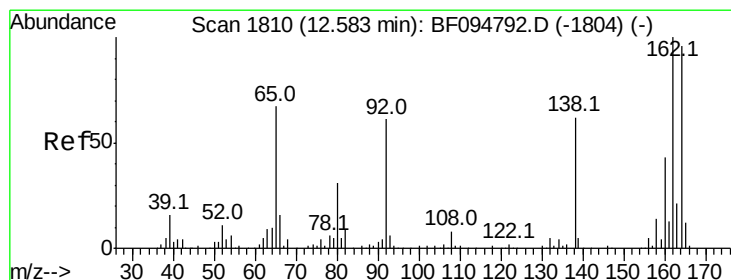
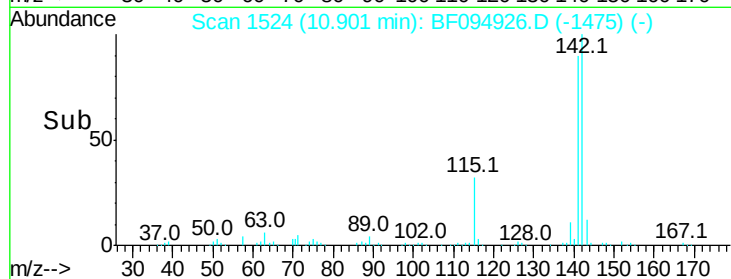
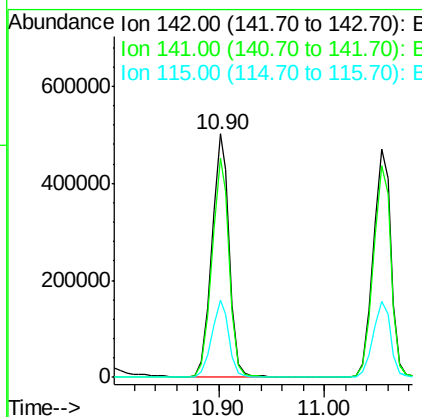
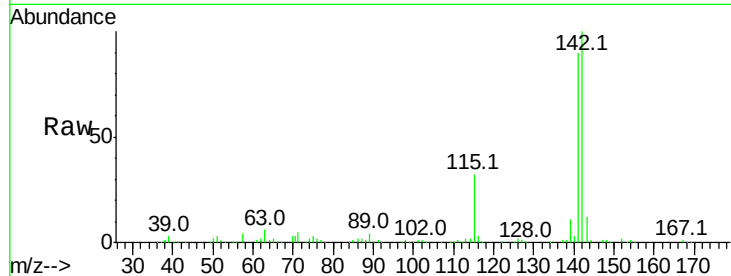




#37
 2-Methylnaphthalene
 Concen: 44.91 ng
 RT: 10.90 min Scan# 1524
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

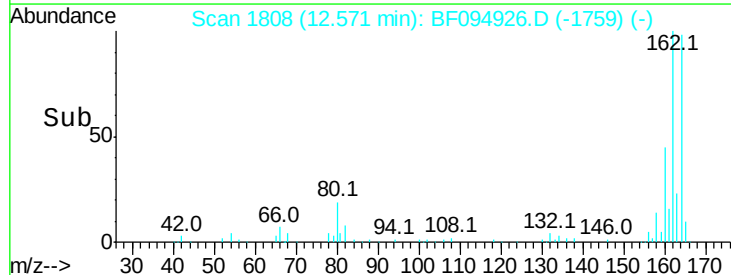
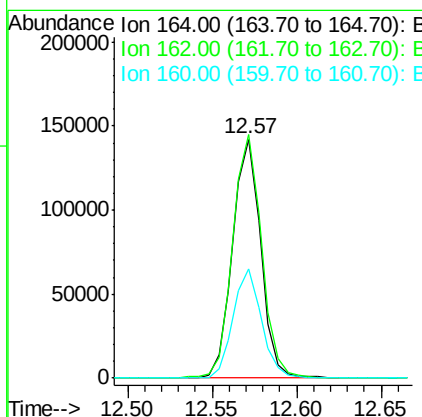
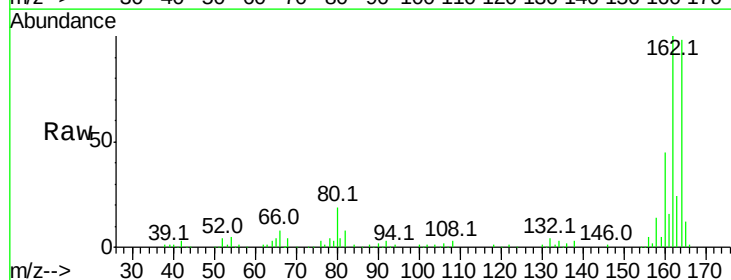
Instrument :
 BNA_F
 ClientSampleId :

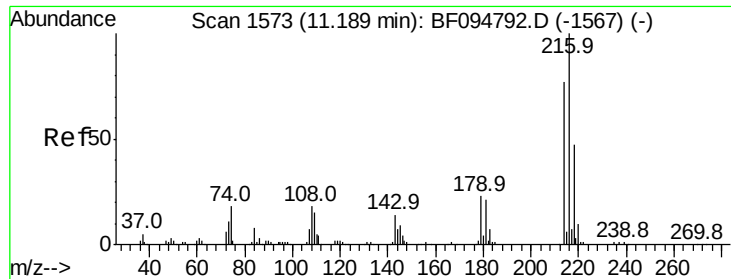
Tot Ion:142 Resp: 583615
 Ion Ratio Lower Upper
 142 100
 141 90.1 71.3 106.9
 115 31.9 27.1 40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.57 min Scan# 1808
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion:164 Resp: 163869
 Ion Ratio Lower Upper
 164 100
 162 102.0 82.6 123.8
 160 45.8 36.2 54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 46.16 ng

RT: 11.18 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 232625

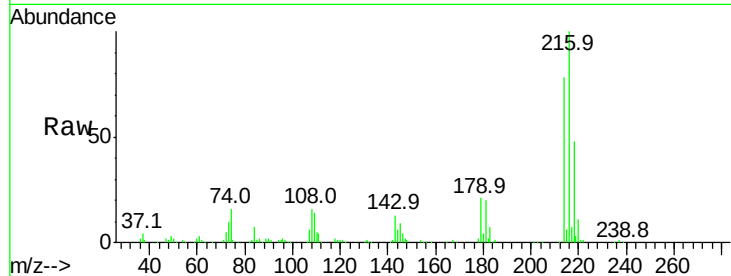
Ion Ratio Lower Upper

216 100

214 79.6 63.4 95.2

179 22.3 17.9 26.9

108 20.8 16.5 24.7

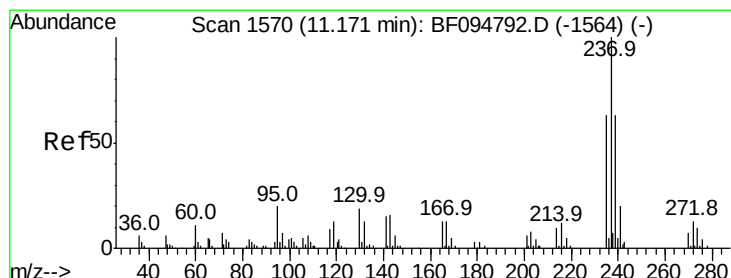
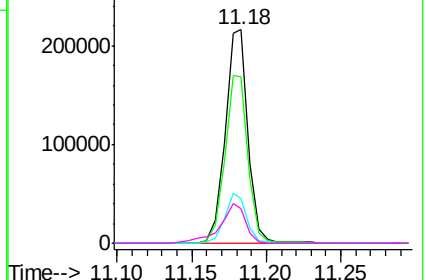
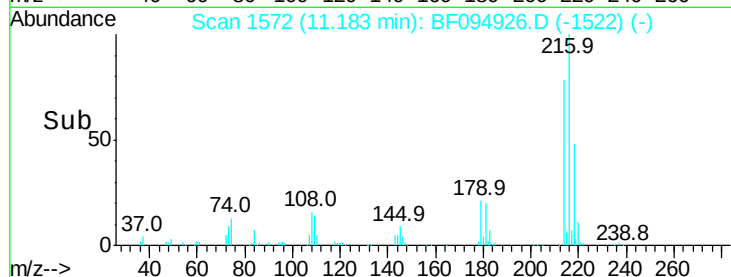


Abundance Ion 216.00 (215.70 to 216.70): E

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: 96.08 ng

RT: 11.16 min Scan# 1568

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

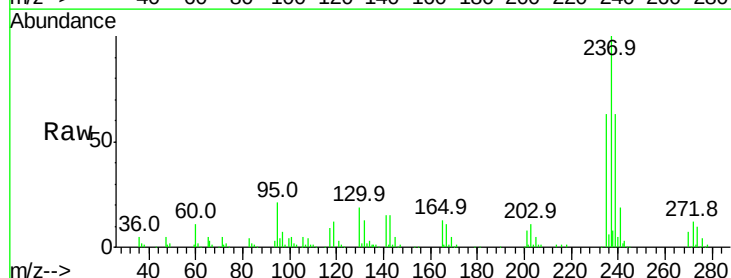
Tgt Ion:237 Resp: 206350

Ion Ratio Lower Upper

237 100

235 62.5 42.6 82.6

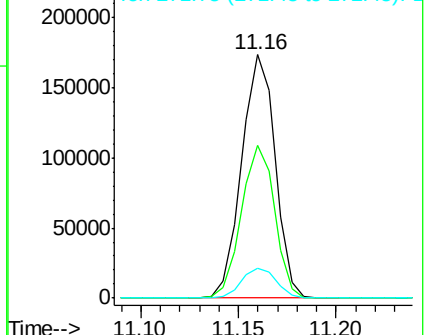
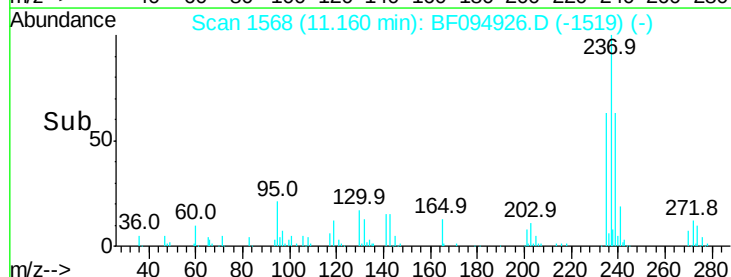
272 12.4 0.0 31.9

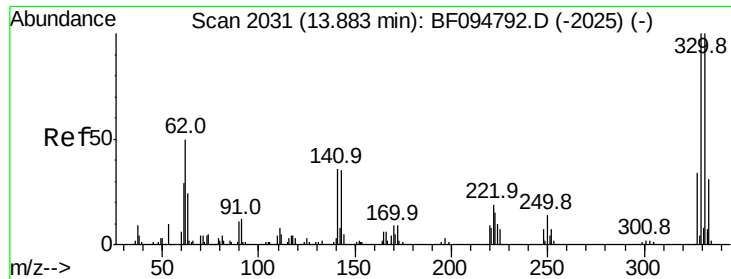


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

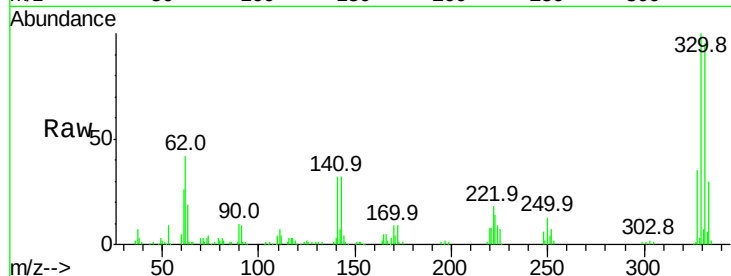




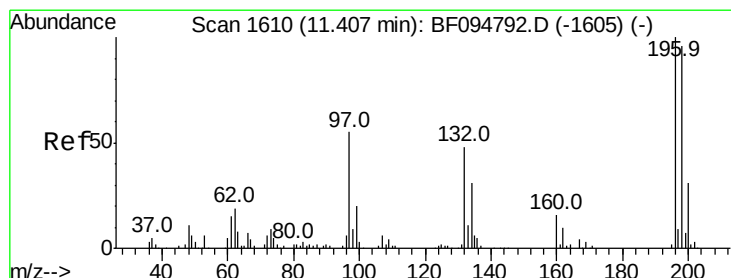
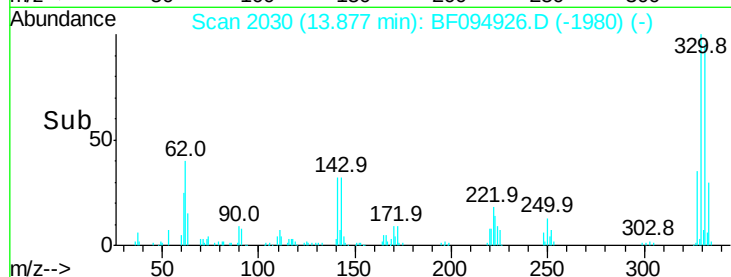
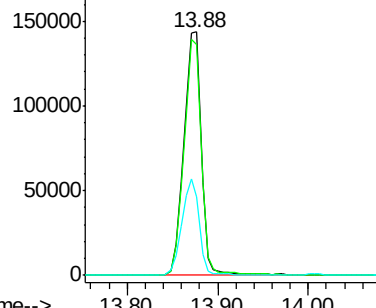
#41
 2,4,6-Tribromophenol
 Concen: 144.18 ng
 RT: 13.88 min Scan# 2030
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.6	115.0
141	39.1	31.4	47.2

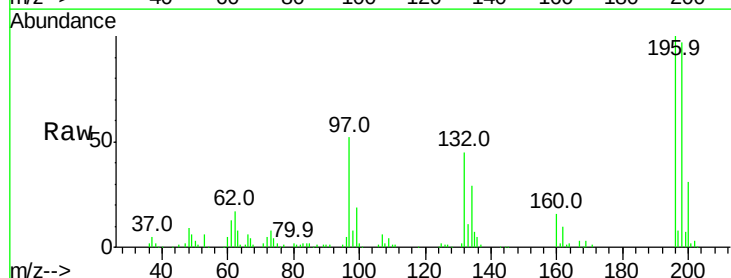


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

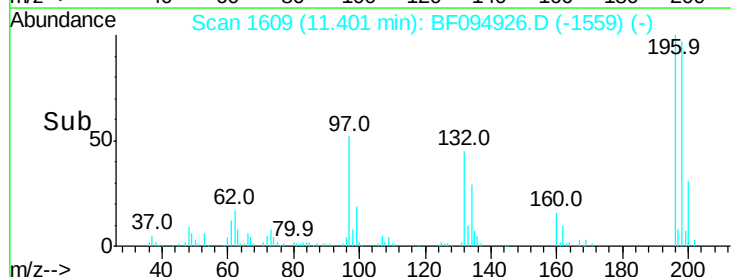
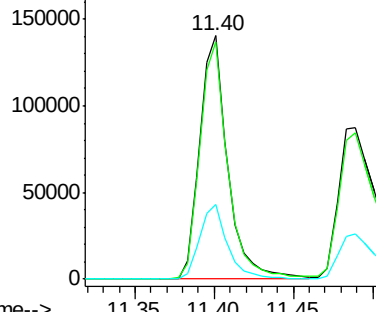


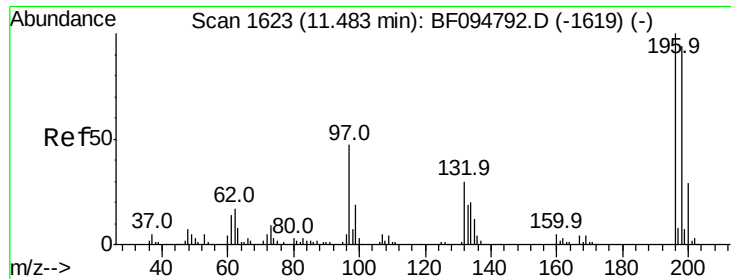
#42
 2,4,6-Trichlorophenol
 Concen: 51.13 ng
 RT: 11.40 min Scan# 1609
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.4	74.2	111.4
200	30.7	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

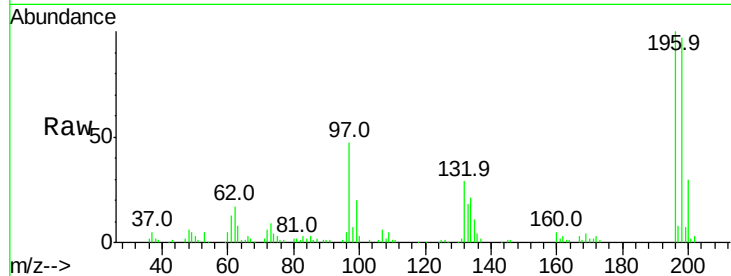




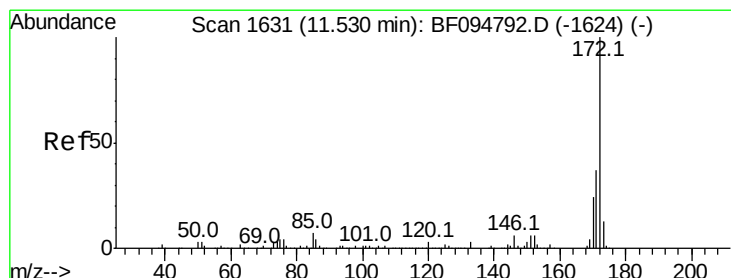
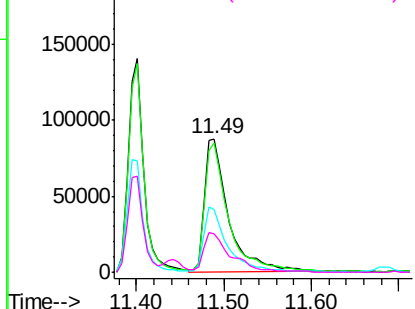
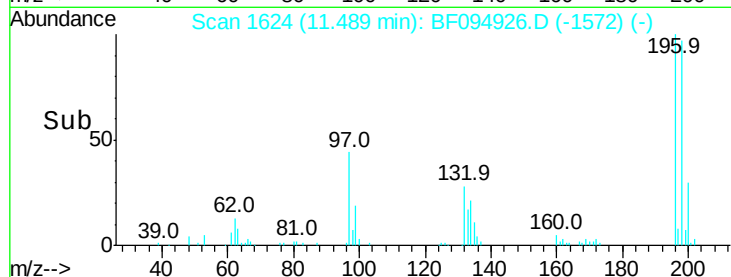
#43
 2,4,5-Trichlorophenol
 Concen: 46.23 ng
 RT: 11.49 min Scan# 1624
 Delta R.T. 0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 167196
 Ion Ratio Lower Upper
 196 100
 198 96.7 75.7 113.5
 97 46.7 47.7 71.5#
 132 28.6 28.0 42.0

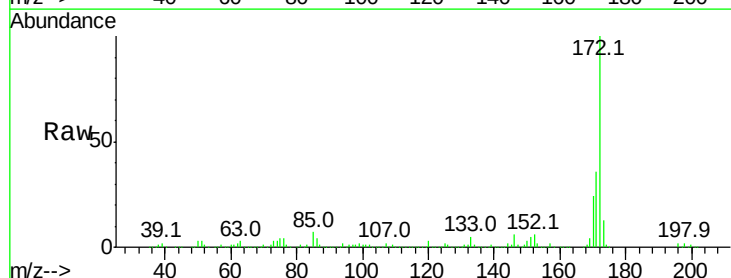


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

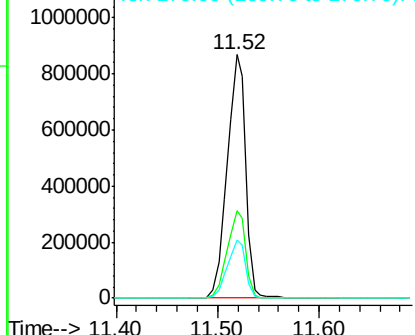
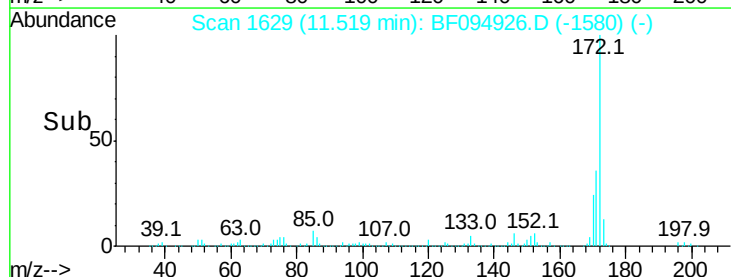


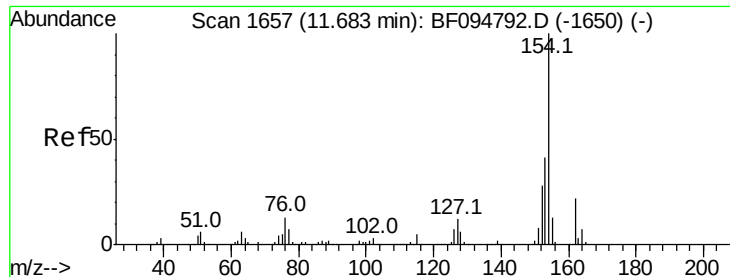
#44
 2-Fluorobiphenyl
 Concen: 96.34 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion:172 Resp: 1096858
 Ion Ratio Lower Upper
 172 100
 171 35.8 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

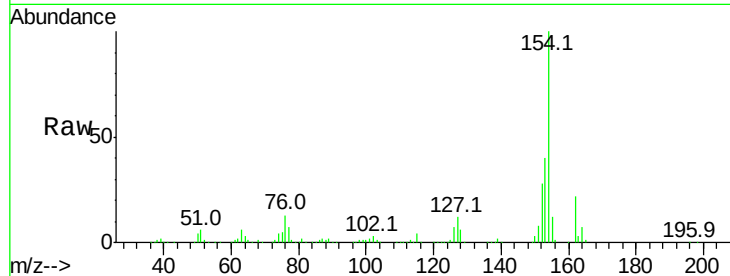




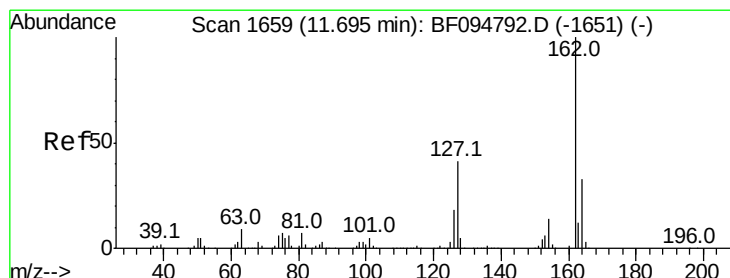
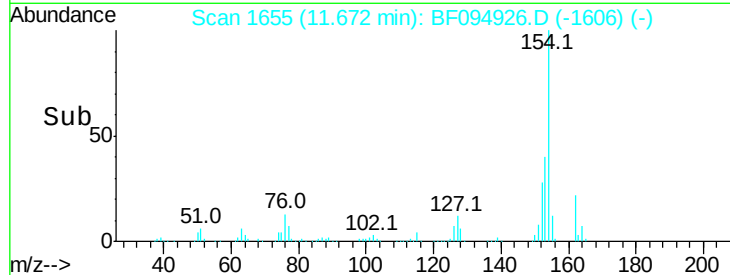
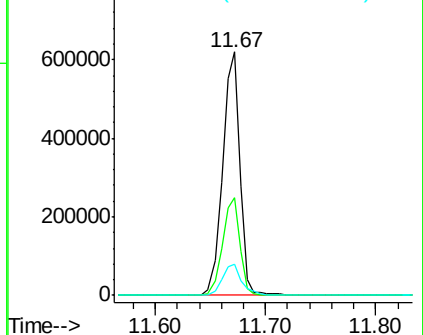
#45
 1,1'-Biphenyl
 Concen: 49.06 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:154 Resp: 676944
 Ion Ratio Lower Upper
 154 100
 153 40.0 21.2 61.2
 76 12.7 0.0 29.9

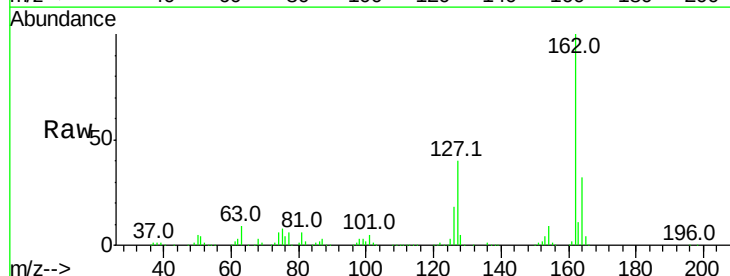


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

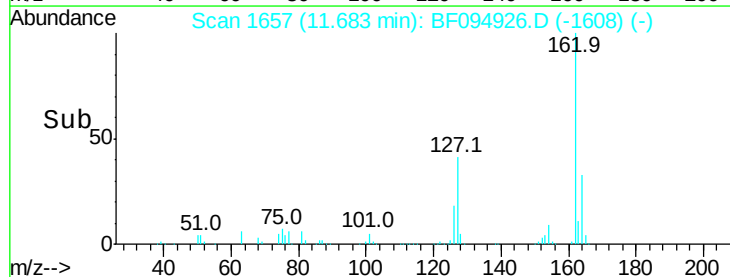
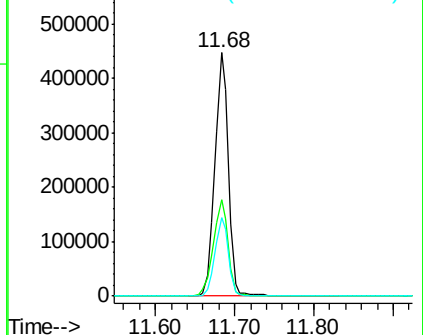


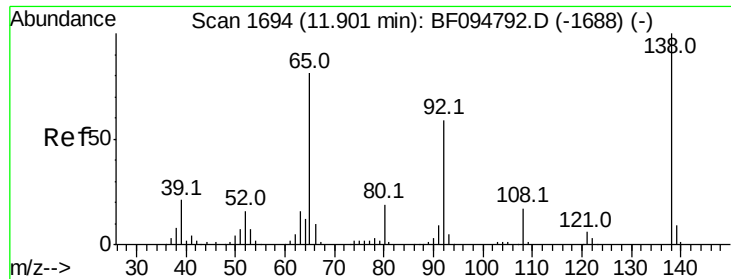
#46
 2-Chloronaphthalene
 Concen: 47.40 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion:162 Resp: 528081
 Ion Ratio Lower Upper
 162 100
 127 39.9 28.3 42.5
 164 32.4 27.0 40.4



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

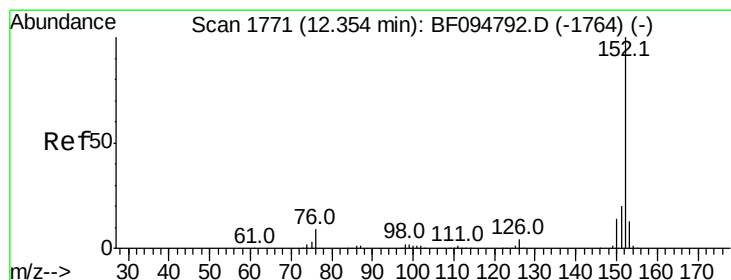
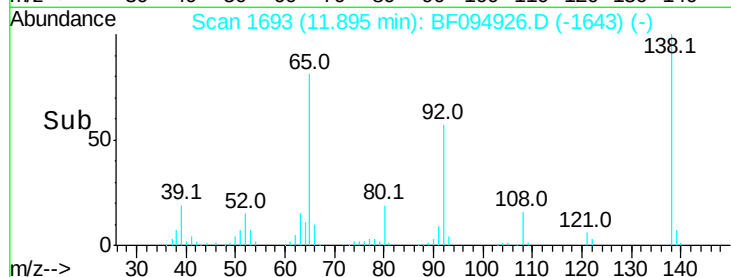
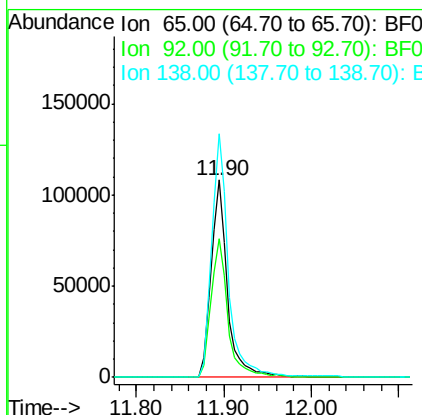
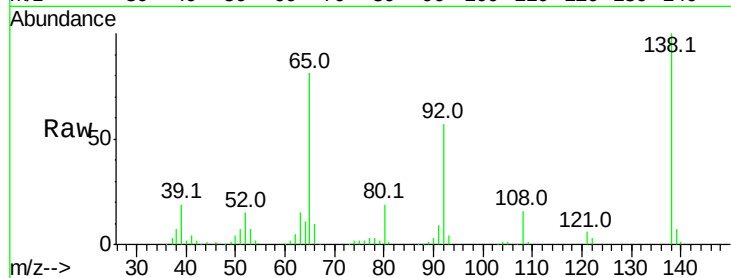




#47
2-Nitroaniline
Concen: 46.55 ng
RT: 11.90 min Scan# 1693
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

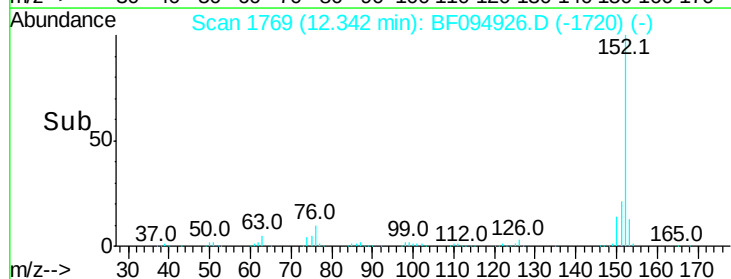
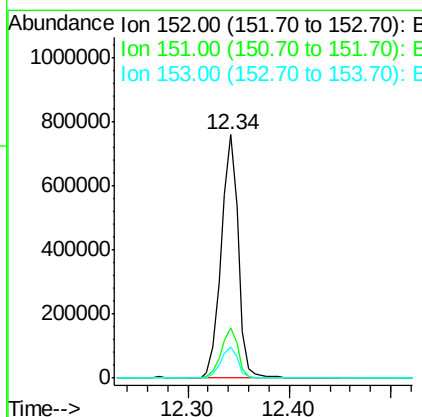
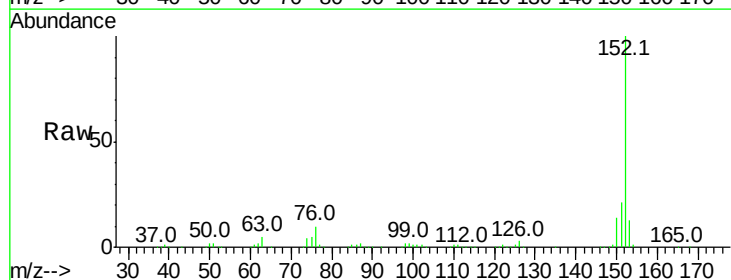
Instrument :
BNA_F
ClientSampleId :

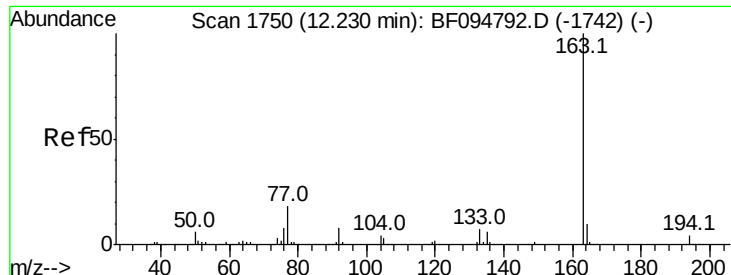
Tot Ion: 65 Resp: 141952
Ion Ratio Lower Upper
65 100
92 70.6 53.9 80.9
138 123.6 78.8 118.2#



#48
Acenaphthylene
Concen: 50.63 ng
RT: 12.34 min Scan# 1769
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion: 152 Resp: 883497
Ion Ratio Lower Upper
152 100
151 20.5 16.8 25.2
153 12.8 10.8 16.2

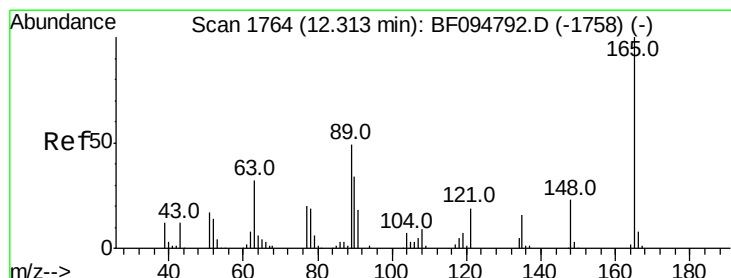
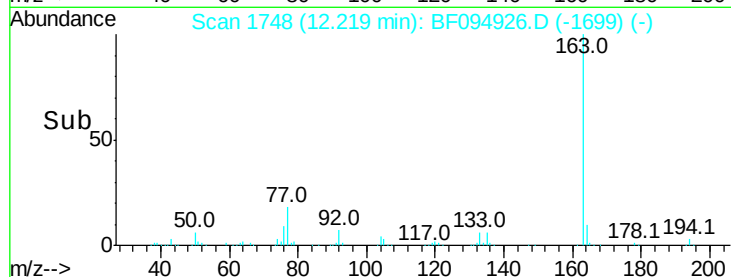
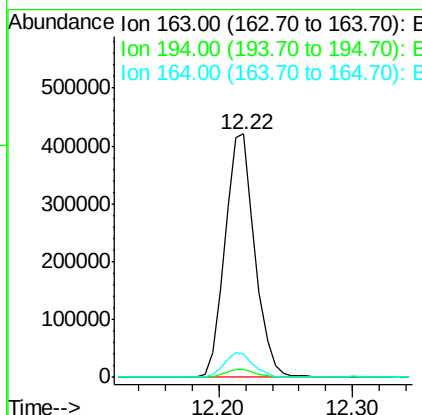
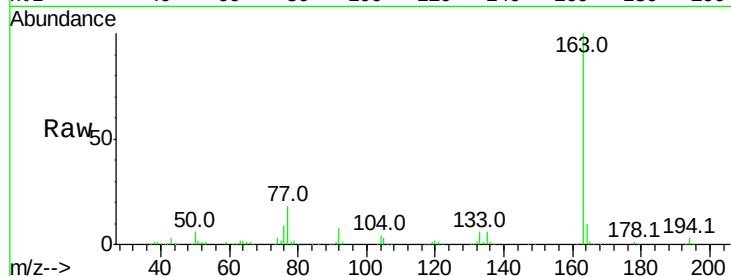




#49
Dimethylphthalate
Concen: 48.82 ng
RT: 12.22 min Scan# 1748
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

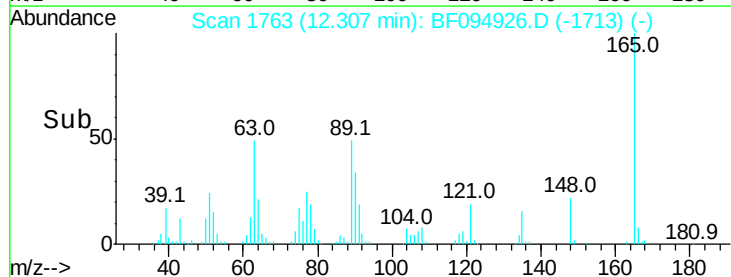
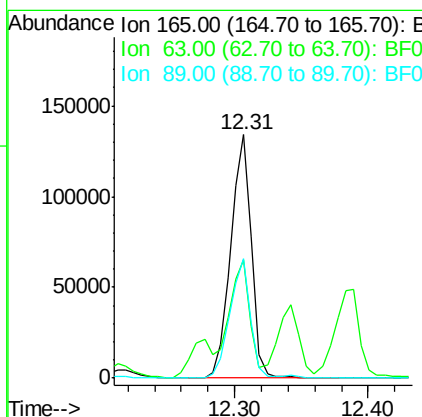
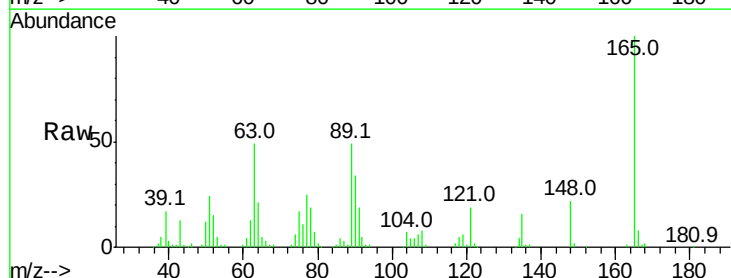
Instrument :
BNA_F
ClientSampleId :

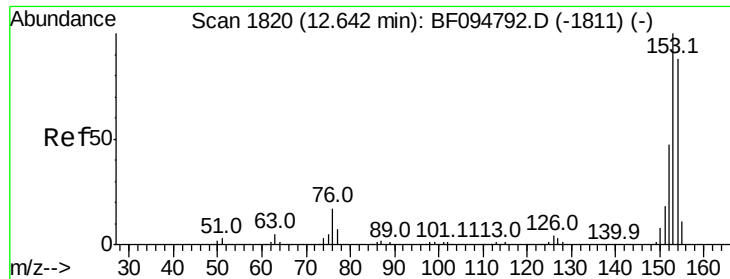
Tot Ion:163 Resp: 656820
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 9.8 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 53.20 ng
RT: 12.31 min Scan# 1763
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion:165 Resp: 146005
Ion Ratio Lower Upper
165 100
63 48.5 34.3 51.5
89 49.0 37.1 55.7





#51

Acenaphthene

Concen: 43.85 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampled :

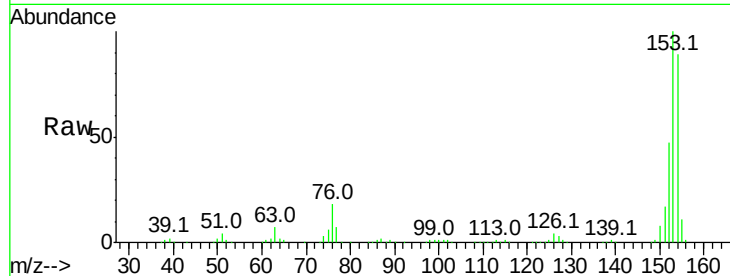
Tot Ion:154 Resp: 456971

Ion Ratio Lower Upper

154 100

153 112.9 90.5 135.7

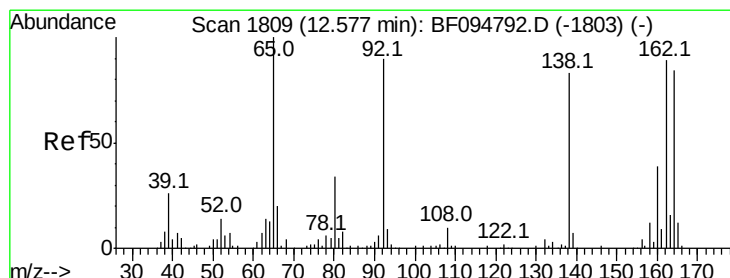
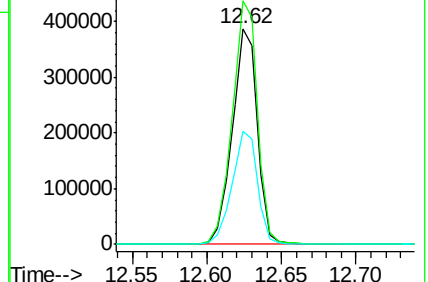
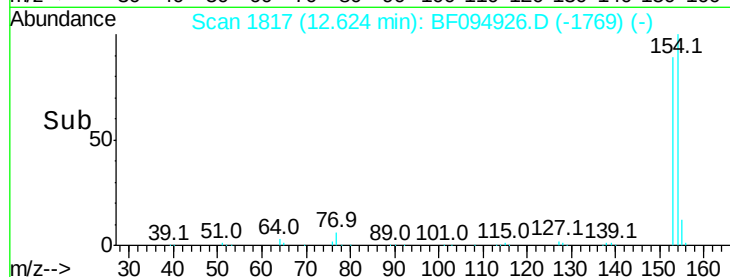
152 52.6 43.6 65.4



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 8.97 ng

RT: 12.58 min Scan# 1810

Delta R.T. 0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

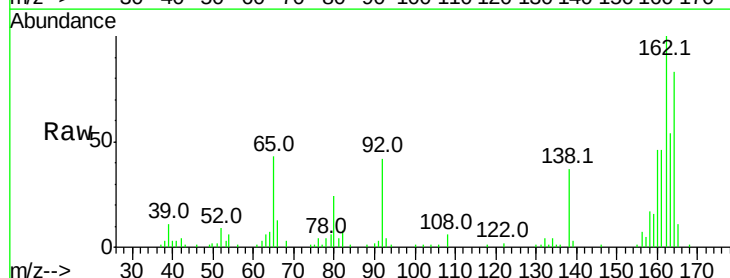
Tgt Ion:138 Resp: 26436

Ion Ratio Lower Upper

138 100

108 15.5 9.1 13.7#

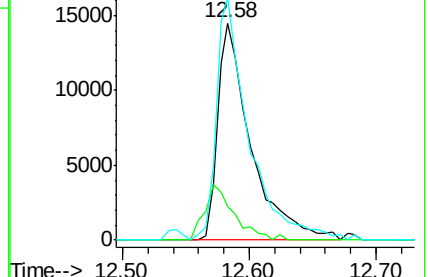
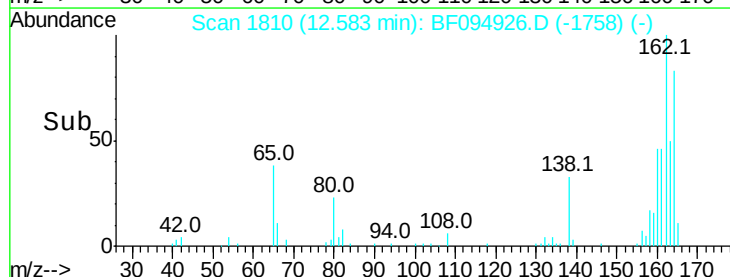
92 112.3 93.8 140.6

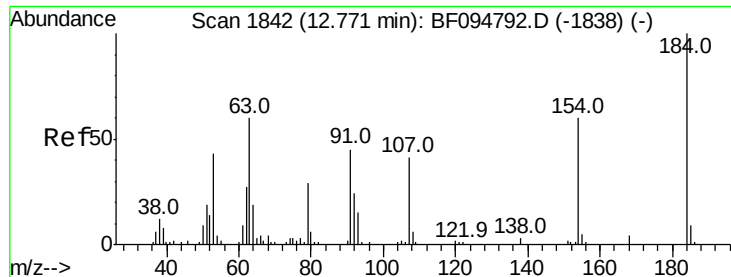


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

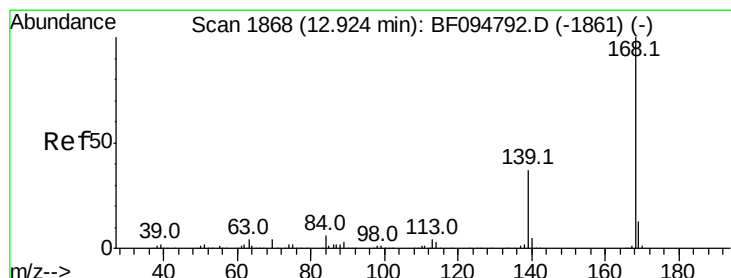
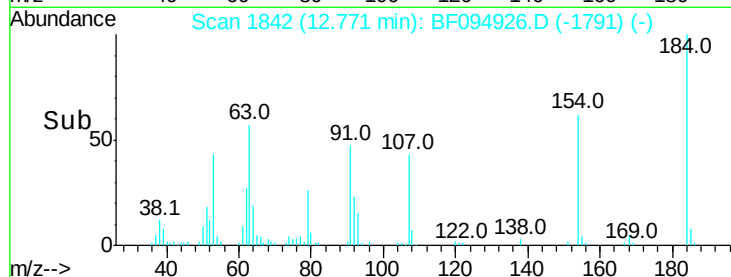
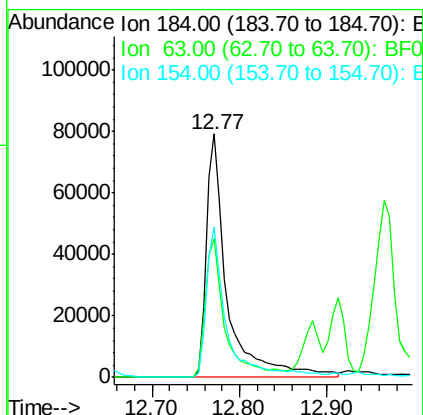
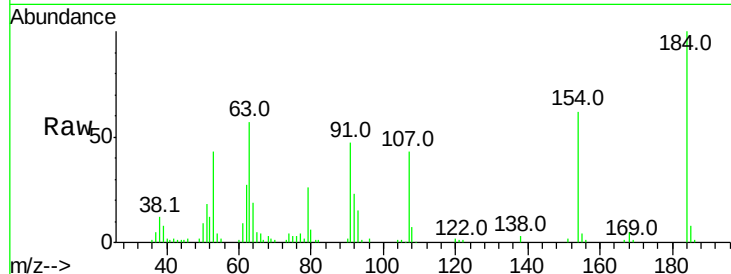




#53
 2,4-Dinitrophenol
 Concen: 86.17 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

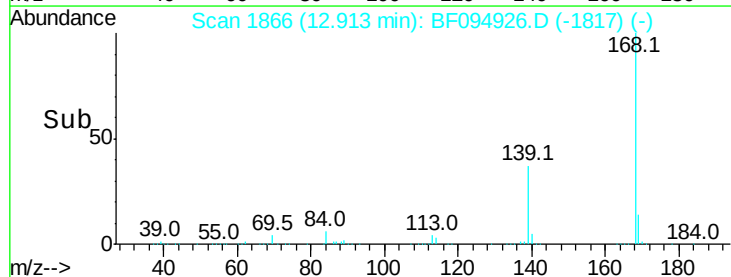
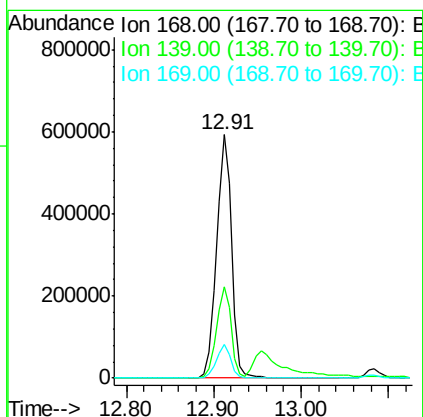
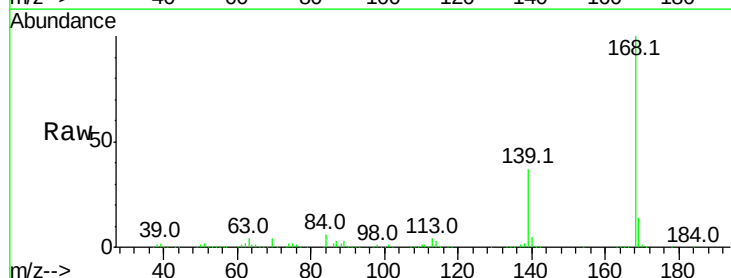
Instrument :
 BNA_F
 ClientSampled :

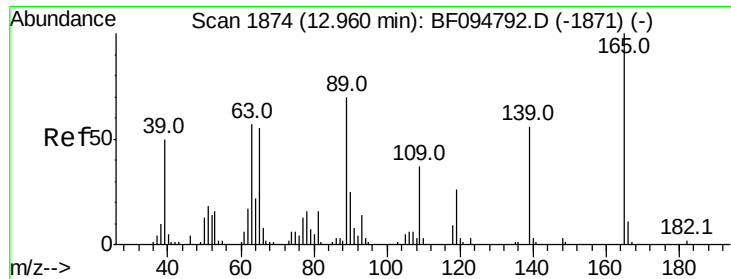
Tot Ion:184 Resp: 131046
 Ion Ratio Lower Upper
 184 100
 63 56.9 62.7 94.1#
 154 61.6 81.1 121.7#



#54
 Dibenzofuran
 Concen: 49.01 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion:168 Resp: 706912
 Ion Ratio Lower Upper
 168 100
 139 37.3 30.6 45.8
 169 13.6 10.8 16.2

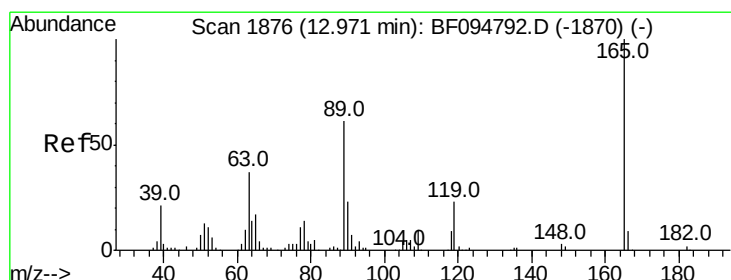
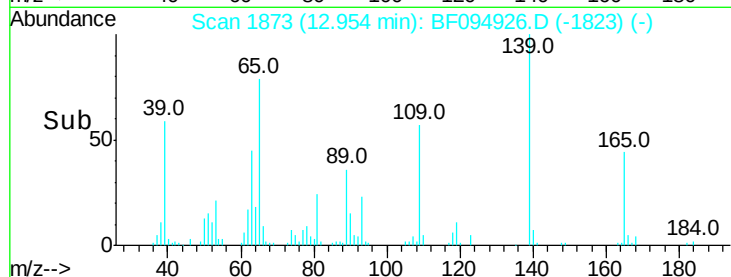
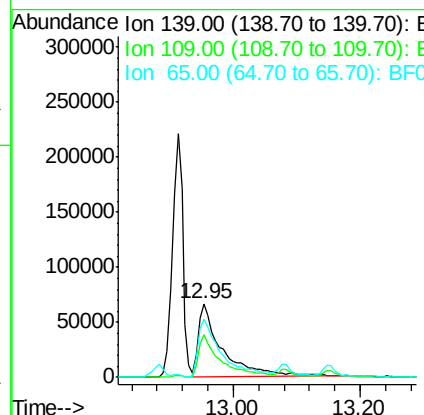
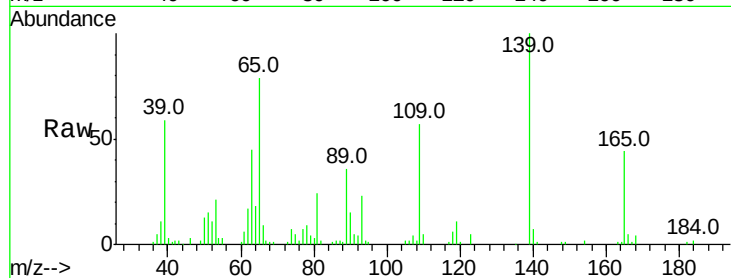




#55
4-Nitrophenol
Concen: 96.34 ng
RT: 12.95 min Scan# 1873
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

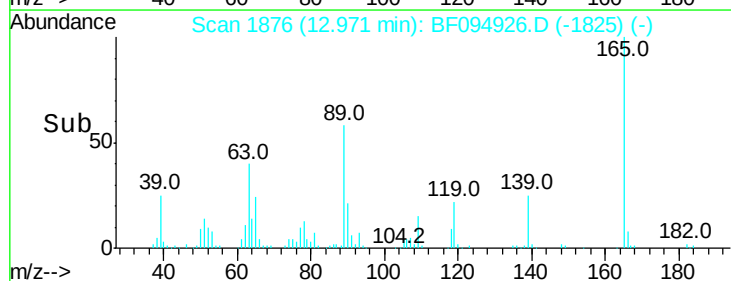
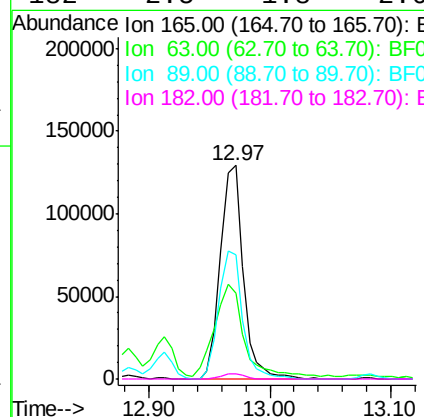
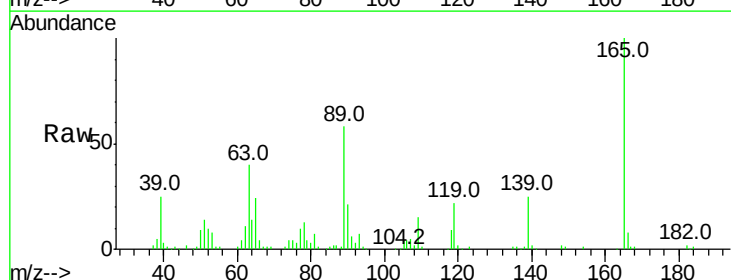
Instrument :
BNA_F
ClientSampled :

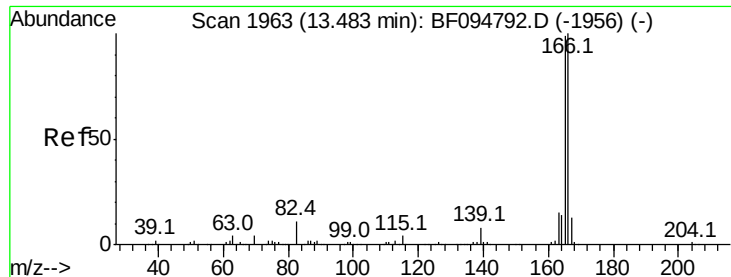
Tot Ion:139 Resp: 170458
Ion Ratio Lower Upper
139 100
109 57.3 34.1 74.1
65 79.1 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 48.40 ng
RT: 12.97 min Scan# 1876
Delta R.T. 0.00 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion:165 Resp: 170680
Ion Ratio Lower Upper
165 100
63 40.4 25.4 38.0#
89 58.4 46.4 69.6
182 2.5 1.8 2.6

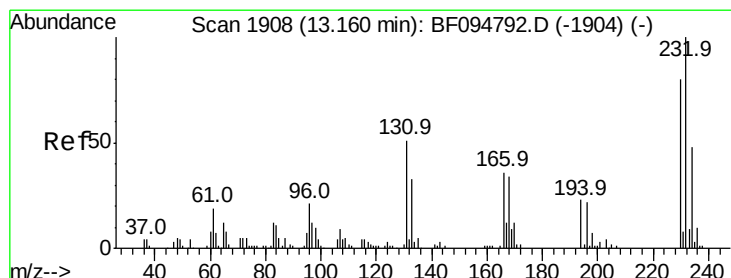
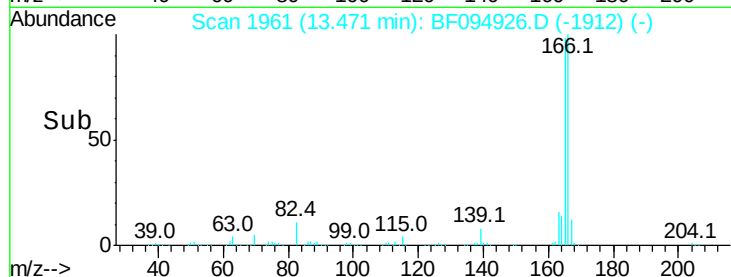
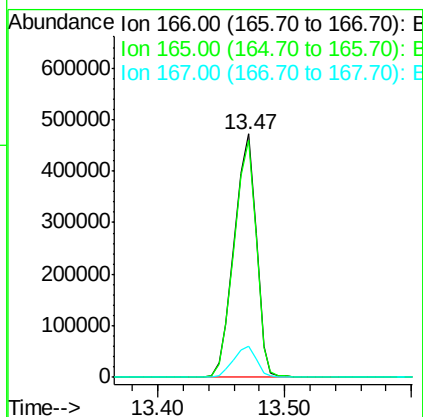
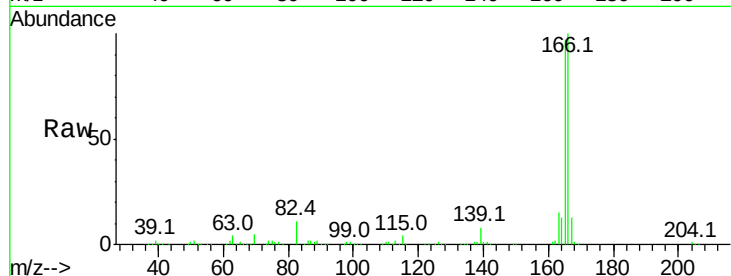




#57
 Fluorene
 Concen: 45.23 ng
 RT: 13.47 min Scan# 1961
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

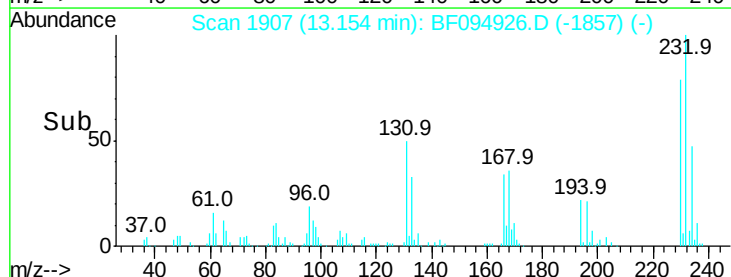
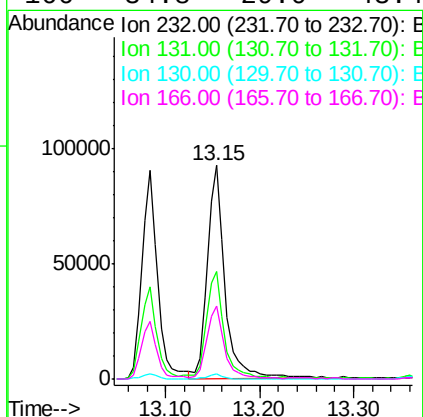
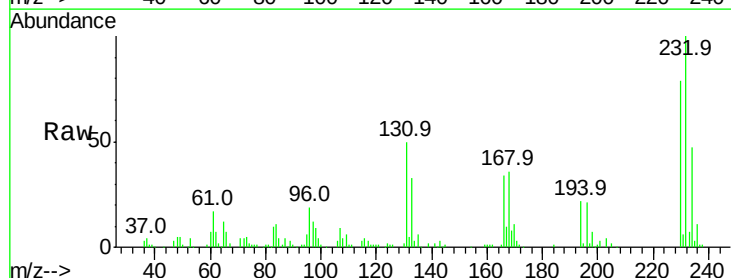
Instrument :
 BNA_F
 ClientSampleId :

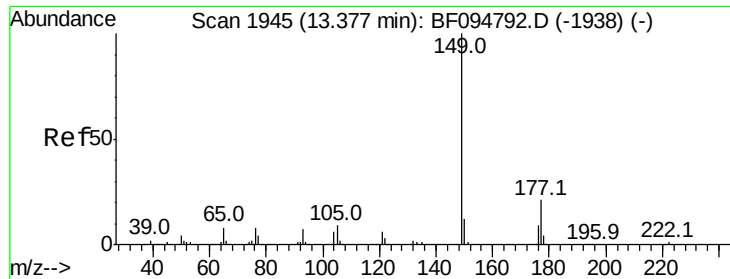
Tot Ion:166 Resp: 567254
 Ion Ratio Lower Upper
 166 100
 165 97.2 78.8 118.2
 167 12.6 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 53.20 ng
 RT: 13.15 min Scan# 1907
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion:232 Resp: 121070
 Ion Ratio Lower Upper
 232 100
 131 48.9 44.8 67.2
 130 2.1 2.3 3.5#
 166 34.8 29.0 43.4

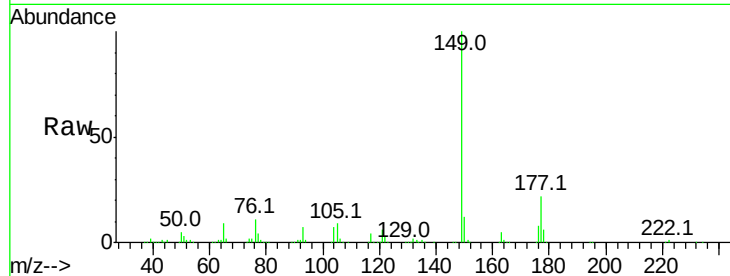




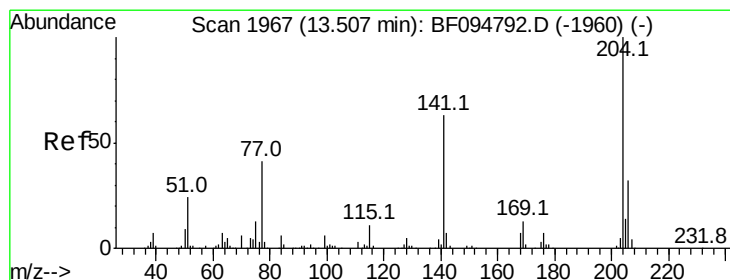
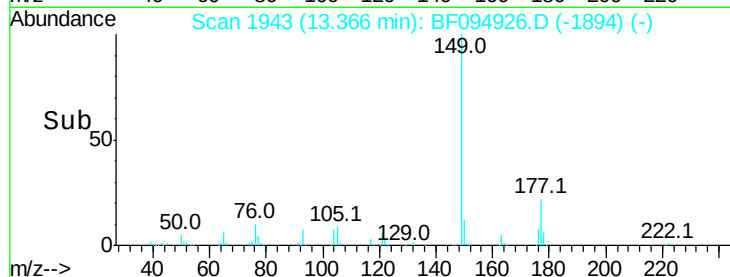
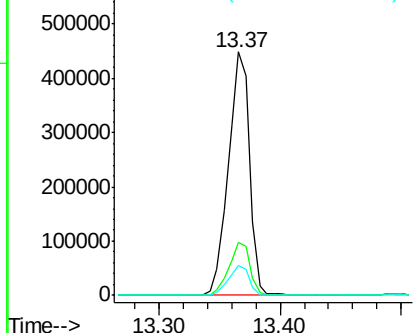
#59
Diethylphthalate
Concen: 42.50 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.6	16.7	25.1
150	12.3	10.2	15.2

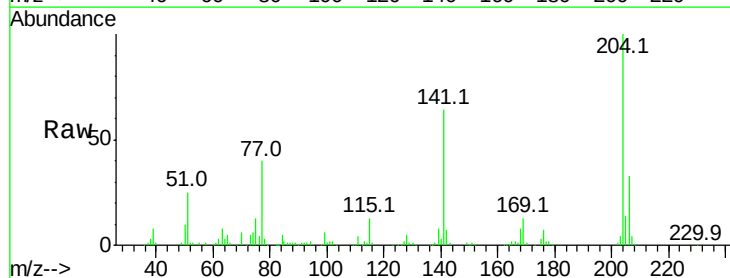


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

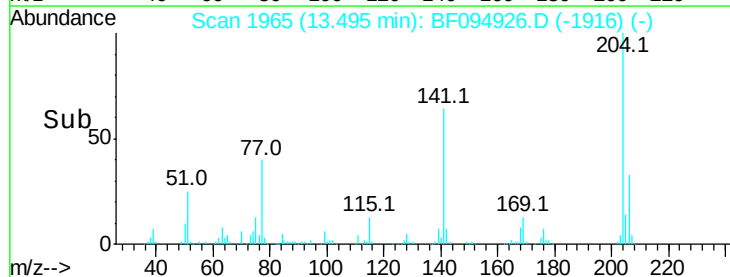
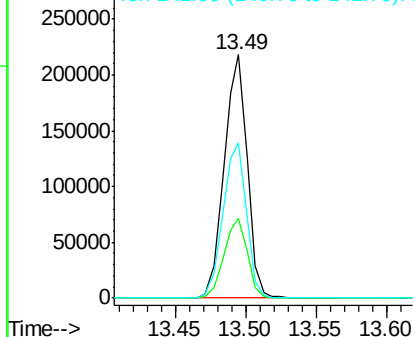


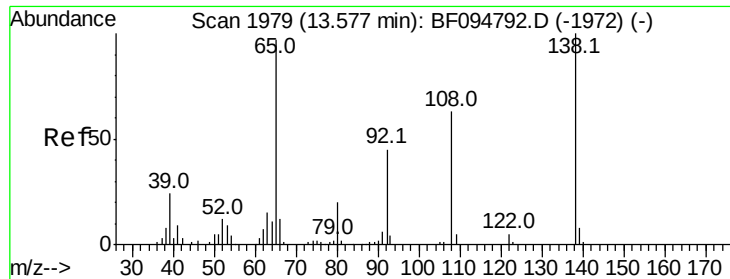
#60
4-Chlorophenyl-phenylether
Concen: 44.49 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Lower	Upper
204	100		
206	32.7	26.2	39.2
141	63.9	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

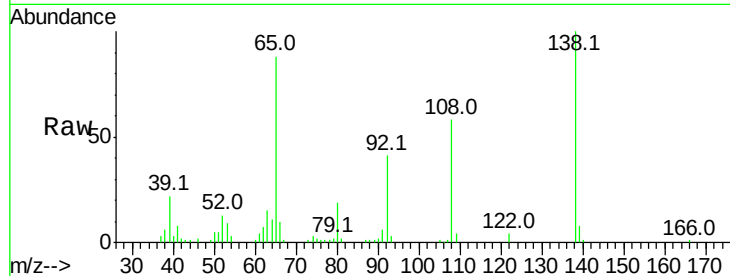




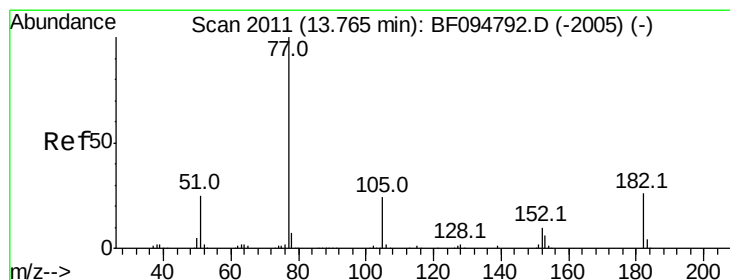
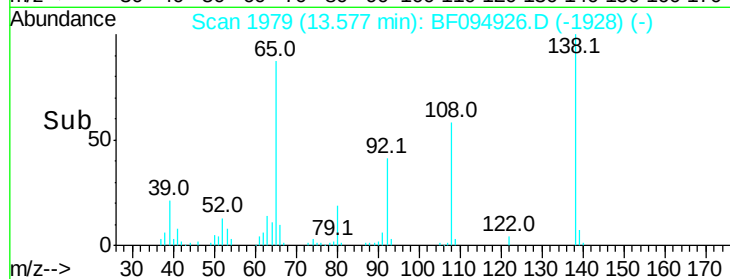
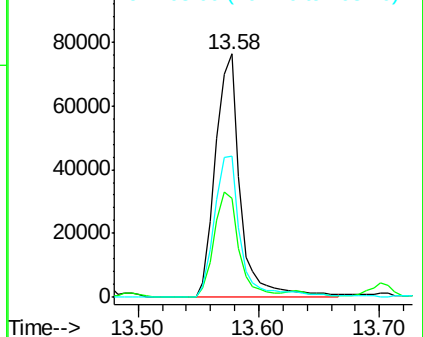
#61
4-Nitroaniline
Concen: 40.12 ng
RT: 13.58 min Scan# 1979
Delta R.T. 0.00 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 108500
Ion Ratio Lower Upper
138 100
92 40.7 21.8 61.8
108 58.1 42.3 82.3

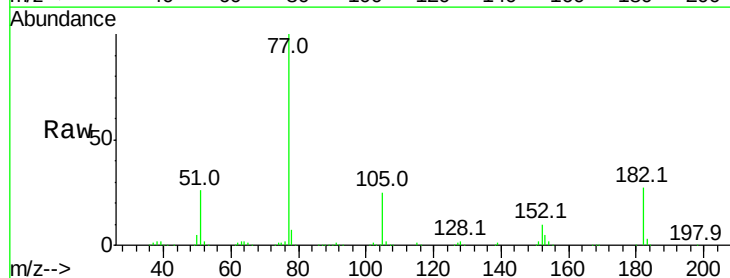


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E

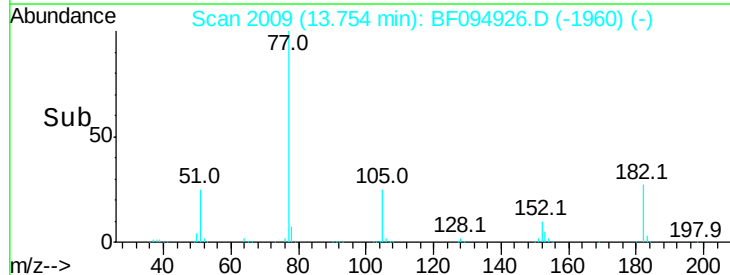
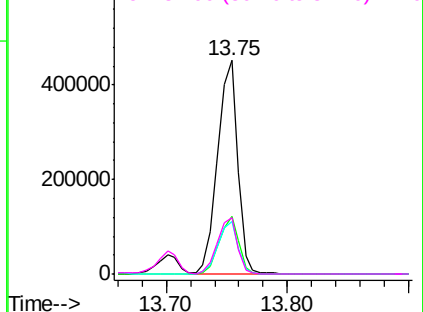


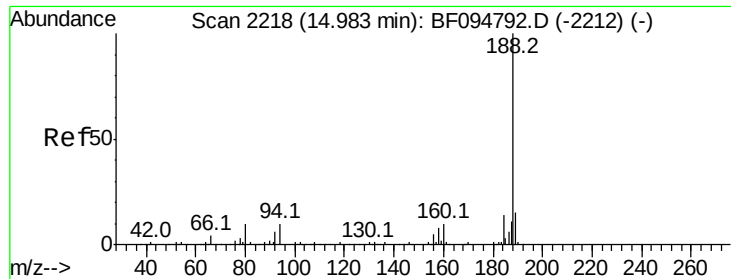
#62
Azobenzene
Concen: 49.83 ng
RT: 13.75 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion: 77 Resp: 516276
Ion Ratio Lower Upper
77 100
182 26.9 0.1 40.1
105 24.9 3.6 43.6
51 26.2 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

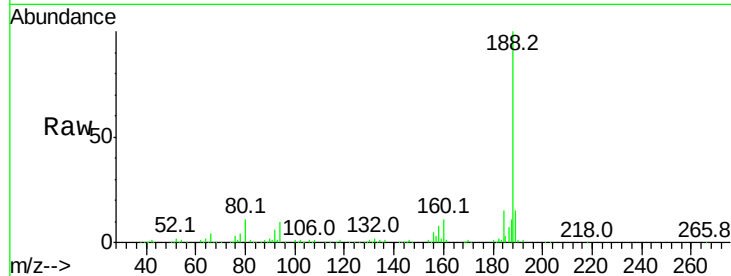




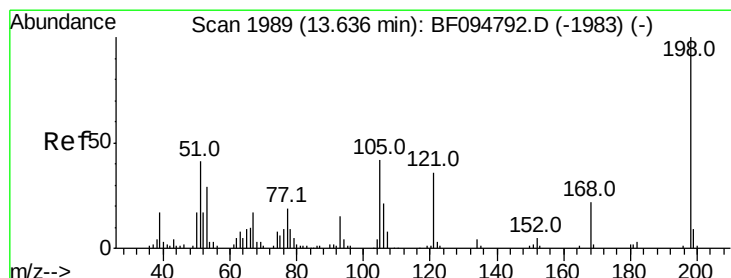
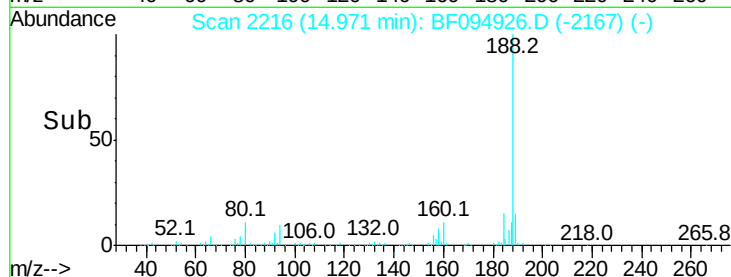
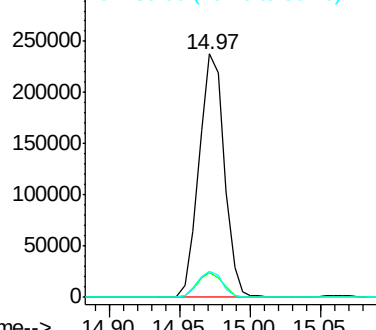
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 296921
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.8 10.2 15.2

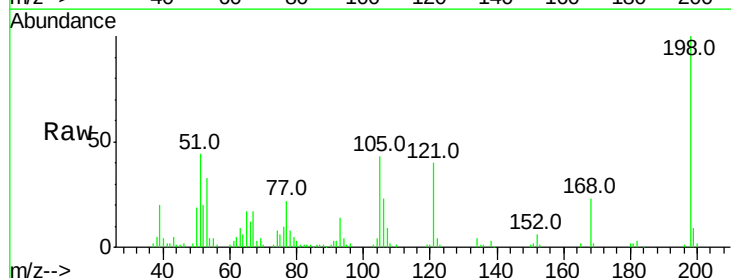


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

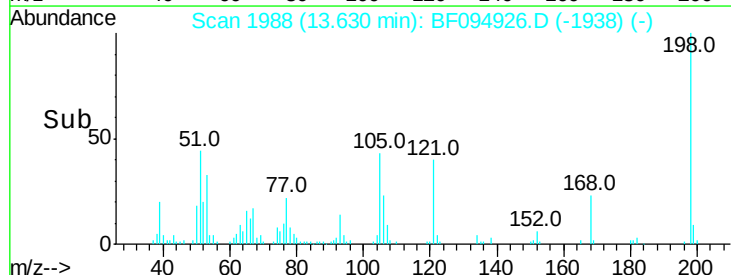
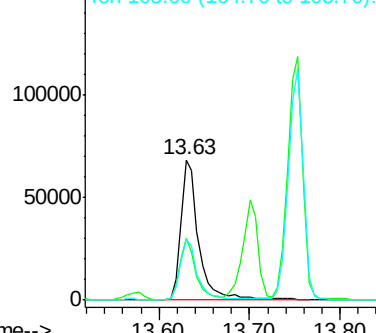


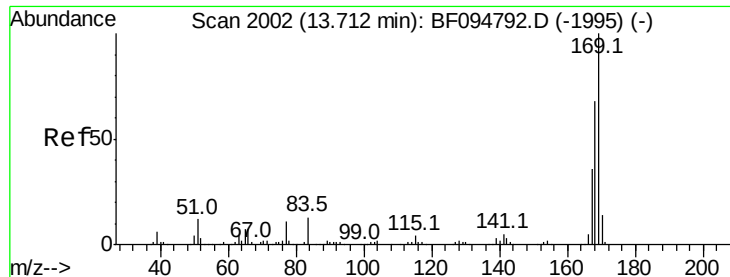
#64
 4,6-Dinitro-2-methylphenol
 Concen: 47.79 ng
 RT: 13.63 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion:198 Resp: 95127
 Ion Ratio Lower Upper
 198 100
 51 44.4 53.2 93.2#
 105 43.4 45.8 85.8#



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





#65

n-Nitrosodiphenylamine

Concen: 44.66 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampled :

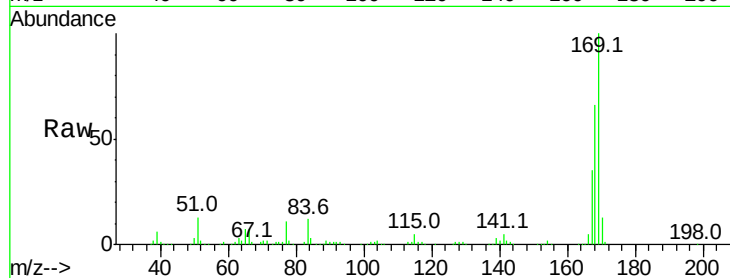
Tot Ion:169 Resp: 481261

Ion Ratio Lower Upper

169 100

168 65.8 53.2 79.8

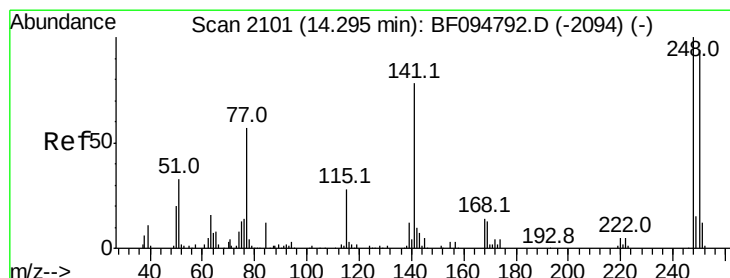
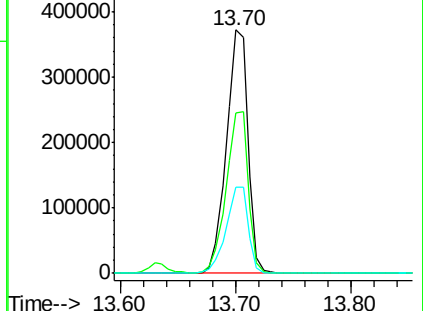
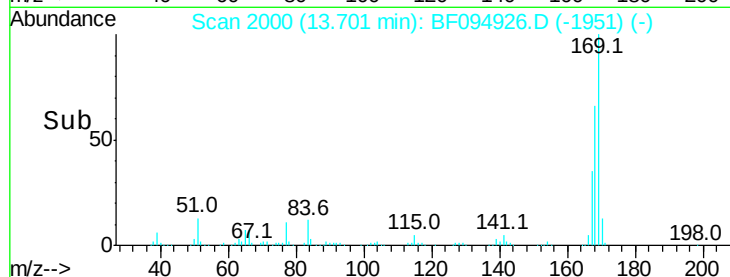
167 35.4 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.66 ng

RT: 14.28 min Scan# 2098

Delta R.T. -0.02 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

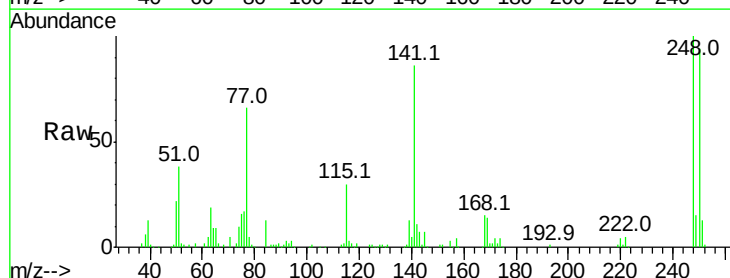
Tgt Ion:248 Resp: 140091

Ion Ratio Lower Upper

248 100

250 93.9 76.8 115.2

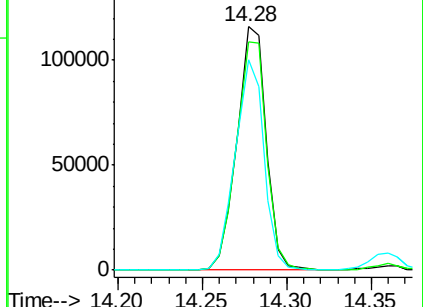
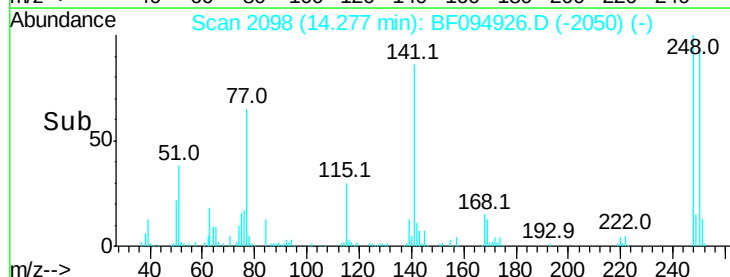
141 86.3 68.6 103.0

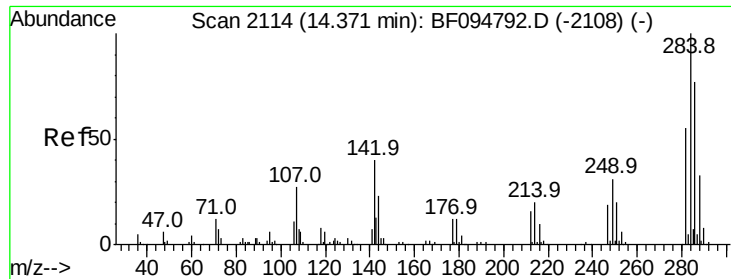


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 42.76 ng

RT: 14.36 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampleId :

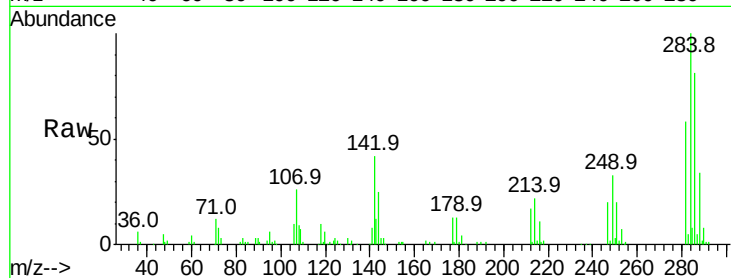
Tot Ion:284 Resp: 137477

Ion Ratio Lower Upper

284 100

142 41.9 22.8 34.2#

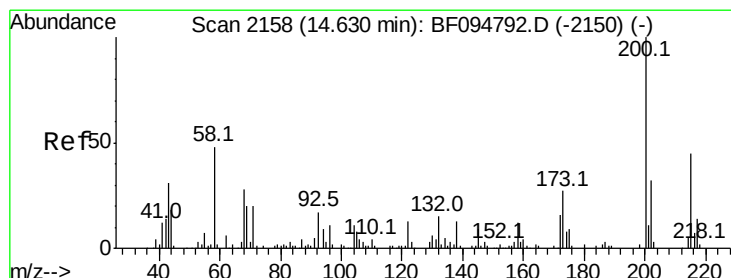
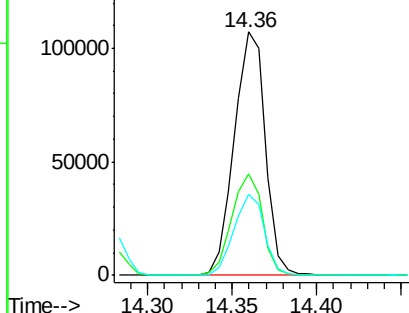
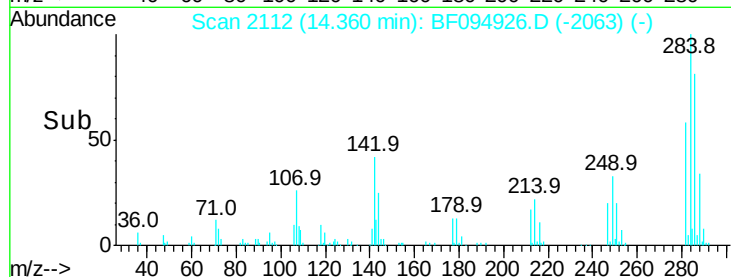
249 33.1 24.0 36.0



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: 45.61 ng

RT: 14.62 min Scan# 2157

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

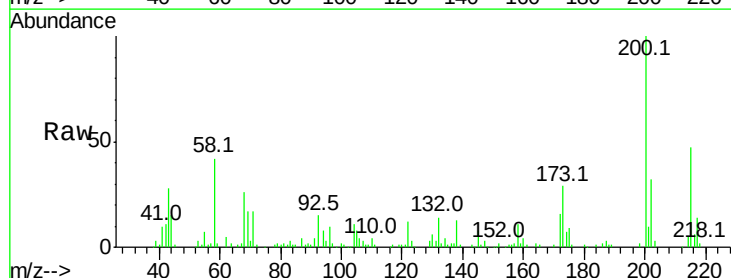
Tgt Ion:200 Resp: 138763

Ion Ratio Lower Upper

200 100

173 29.1 6.3 46.3

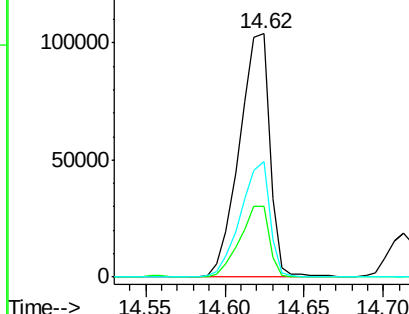
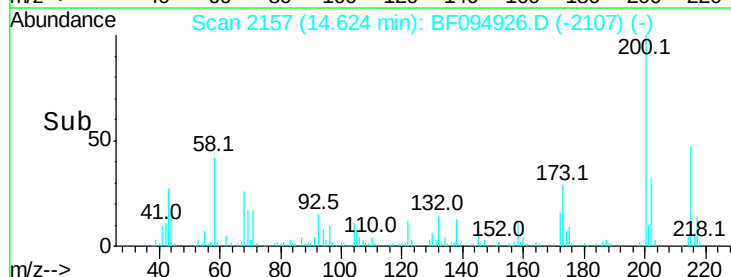
215 47.3 27.2 67.2

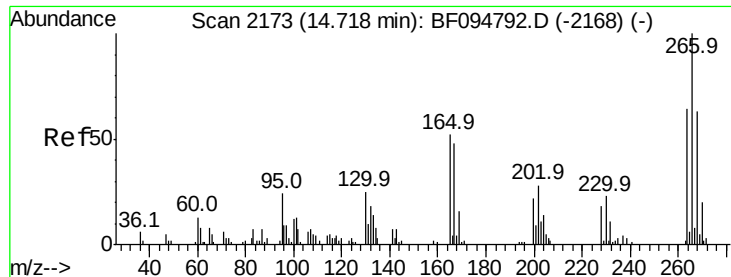


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

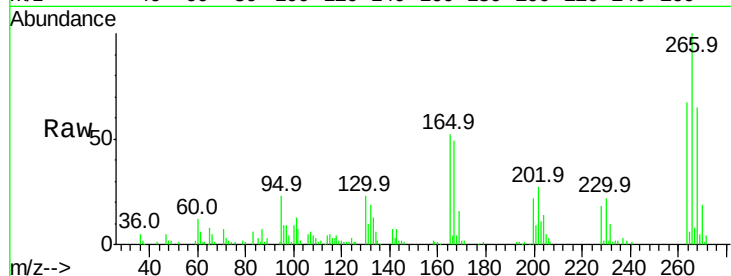




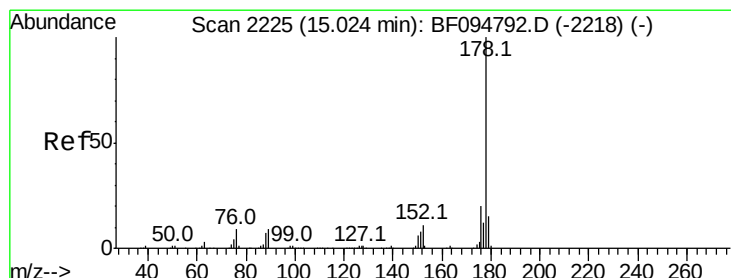
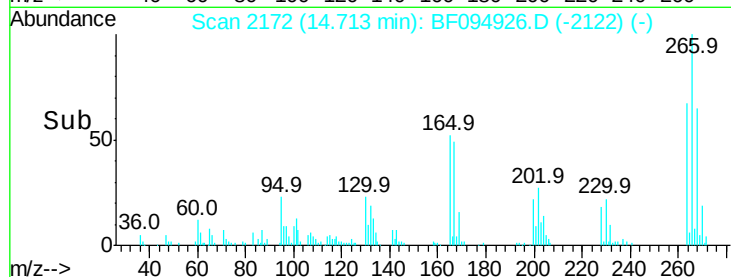
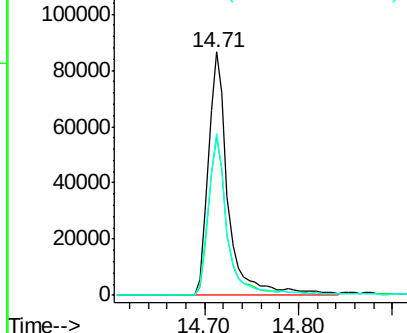
#69
 Pentachlorophenol
 Concen: 88.11 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	65.0	51.1	76.7
264	66.6	51.7	77.5

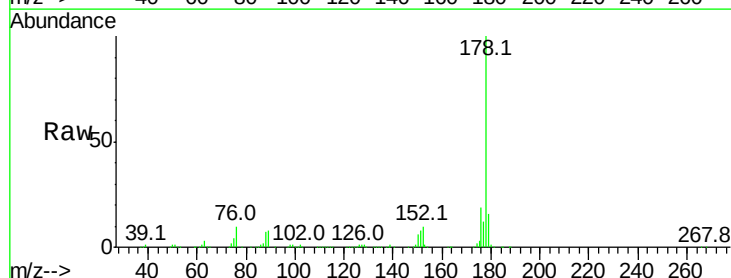


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

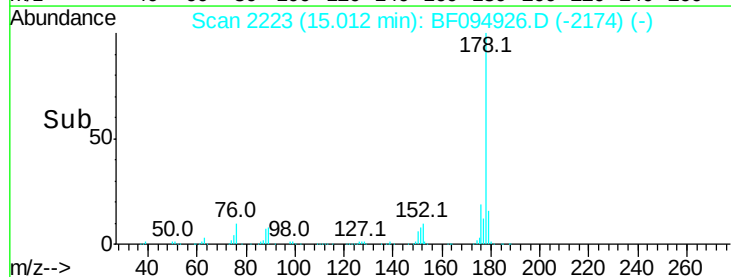
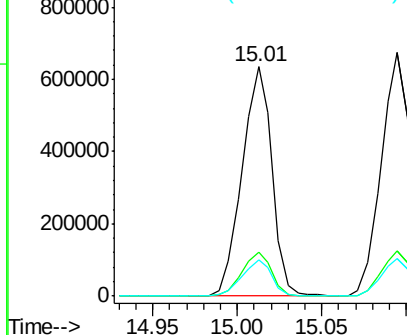


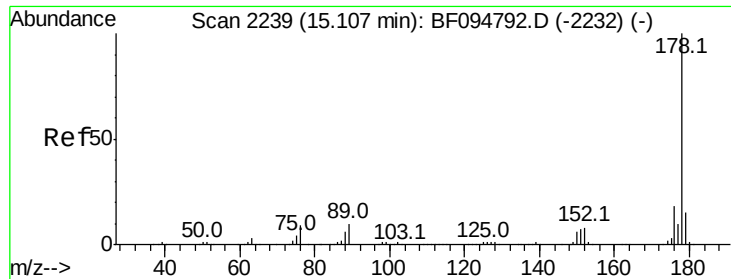
#70
 Phenanthrene
 Concen: 46.03 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.2	24.4
179	15.8	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

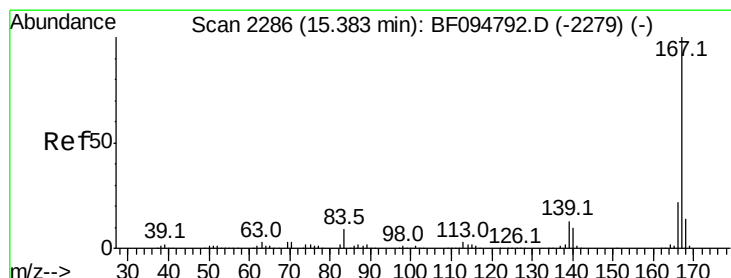
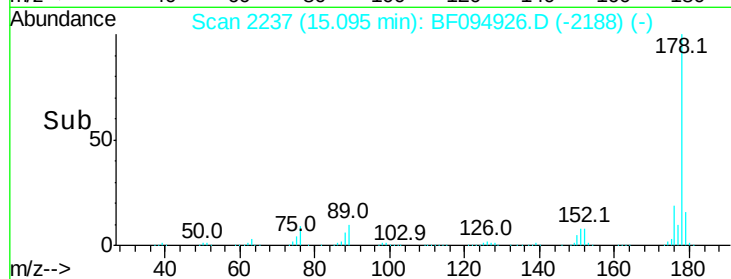
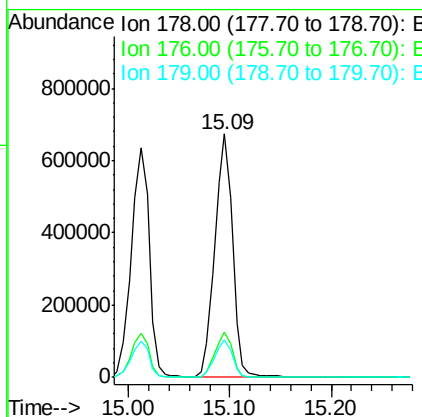
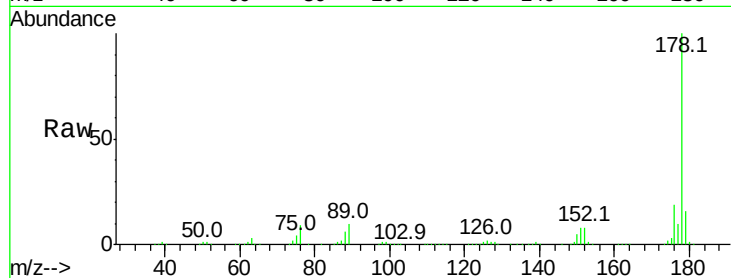




#71
 Anthracene
 Concen: 47.08 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

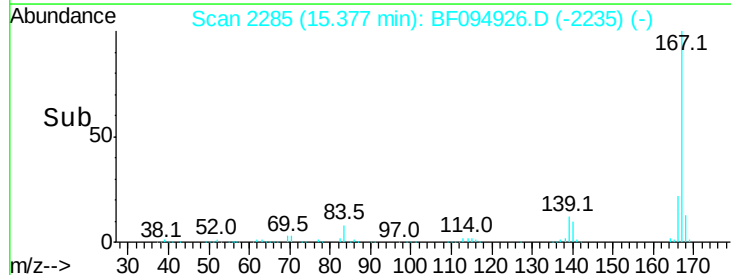
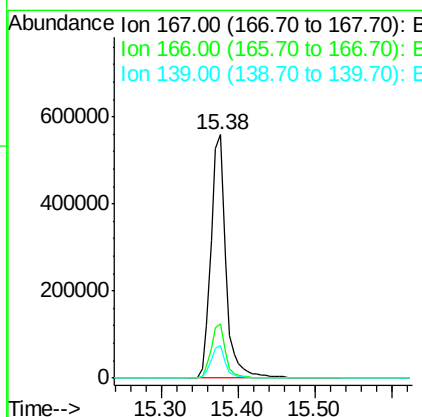
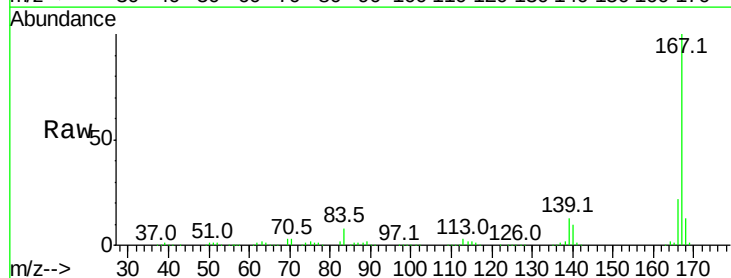
Instrument :
 BNA_F
 ClientSampled :

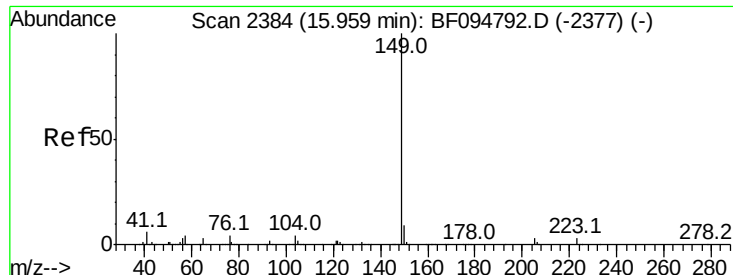
Tot Ion:178 Resp: 820455
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 46.79 ng
 RT: 15.38 min Scan# 2285
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion:167 Resp: 741834
 Ion Ratio Lower Upper
 167 100
 166 22.5 18.1 27.1
 139 13.1 11.7 17.5





#73

Di-n-butylphthalate

Concen: 45.78 ng

RT: 15.95 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampleId :

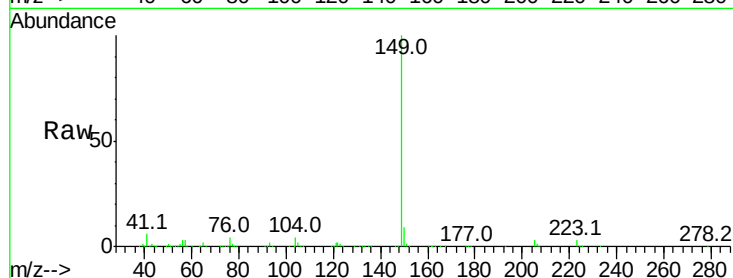
Tot Ion:149 Resp: 905281

Ion Ratio Lower Upper

149 100

150 8.9 7.7 11.5

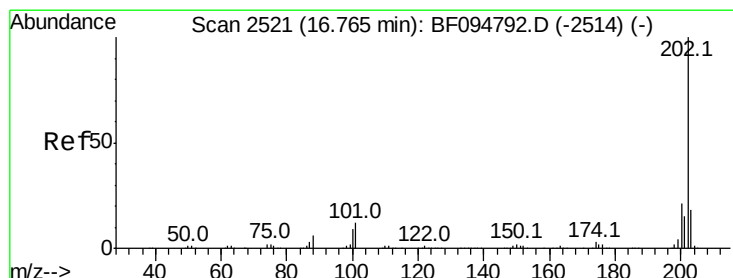
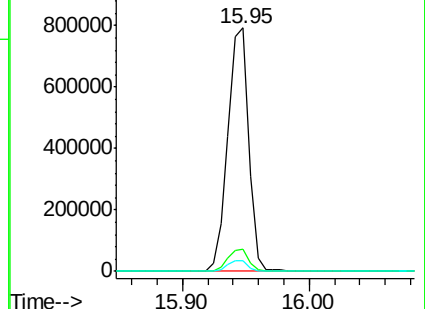
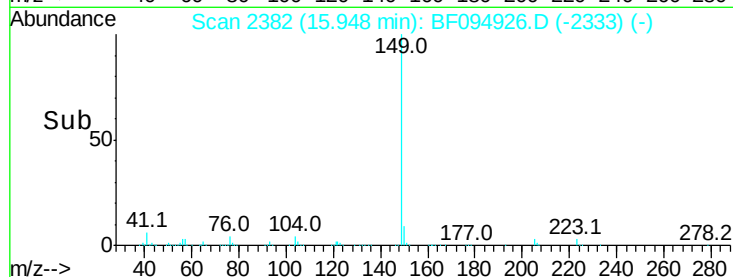
104 4.2 4.0 6.0



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: 49.39 ng

RT: 16.75 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

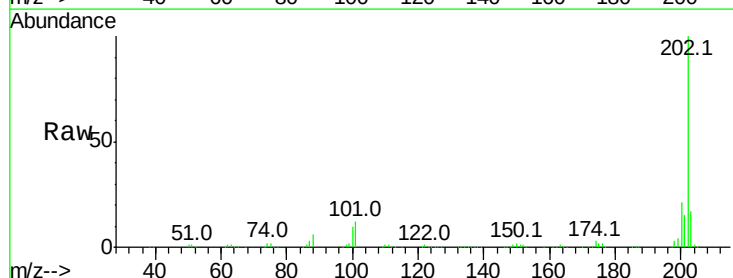
Tgt Ion:202 Resp: 864292

Ion Ratio Lower Upper

202 100

101 12.5 0.0 33.2

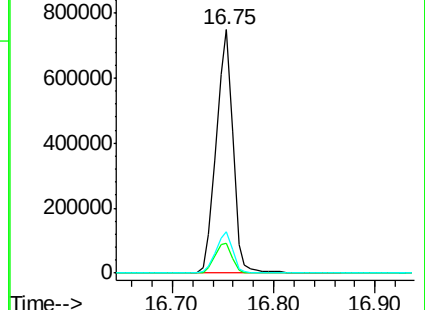
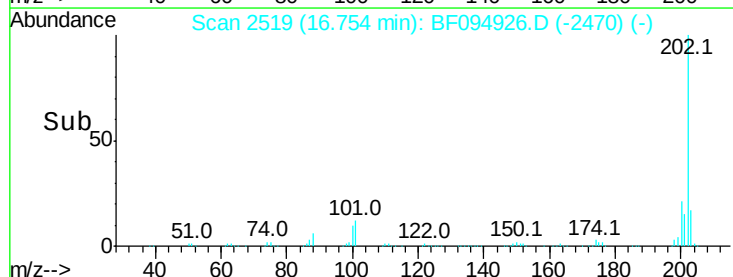
203 16.9 0.0 38.1

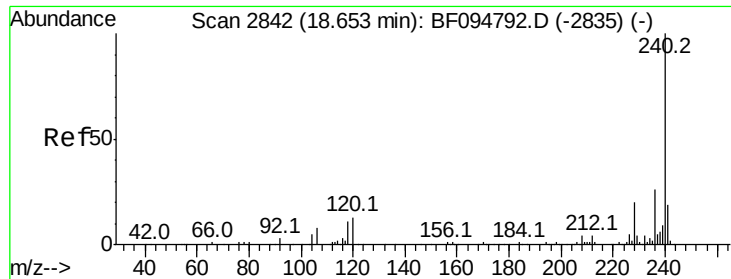


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

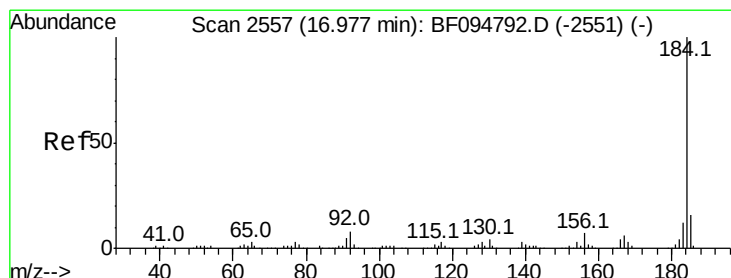
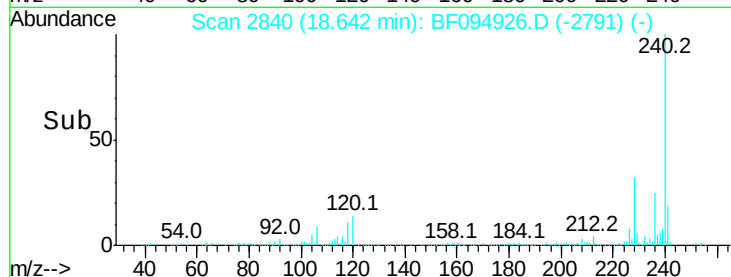
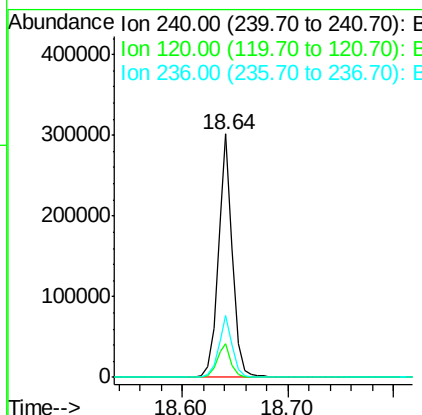
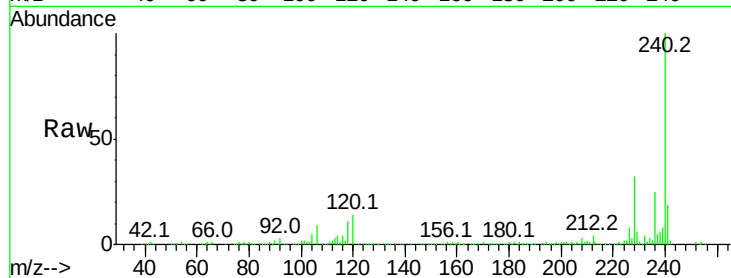




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.64 min Scan# 2840
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

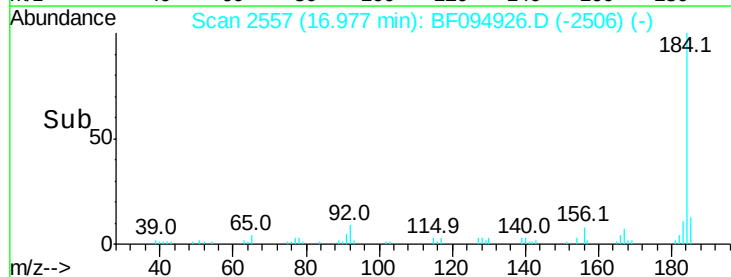
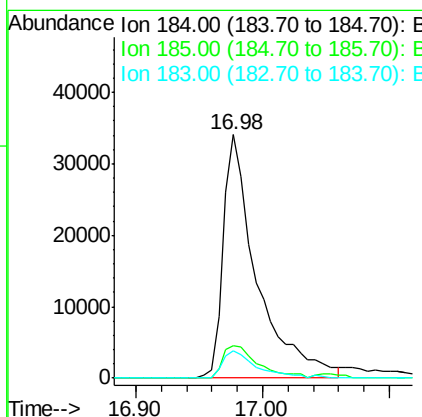
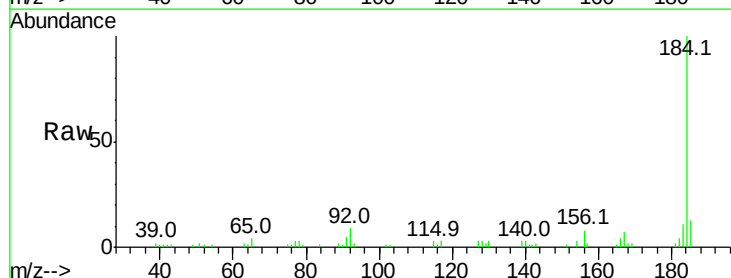
Instrument :
 BNA_F
 ClientSampleId :

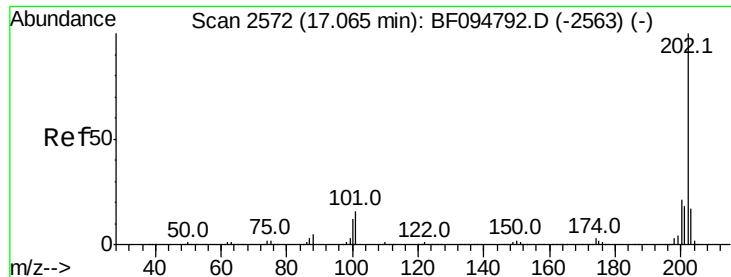
Tot Ion:240 Resp: 281703
 Ion Ratio Lower Upper
 240 100
 120 13.9 5.8 8.8#
 236 25.3 20.5 30.7



#76
 Benzidine
 Concen: 13.71 ng
 RT: 16.98 min Scan# 2557
 Delta R.T. 0.00 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion:184 Resp: 62850
 Ion Ratio Lower Upper
 184 100
 185 13.2 15.5 23.3#
 183 11.1 9.8 14.6





#77

Pvrene

Concen: 43.21 ng

RT: 17.05 min Scan# 2570

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampled :

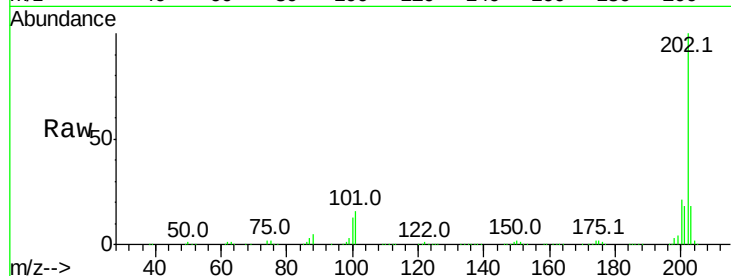
Tot Ion:202 Resp: 910392

Ion Ratio Lower Upper

202 100

200 21.2 17.6 26.4

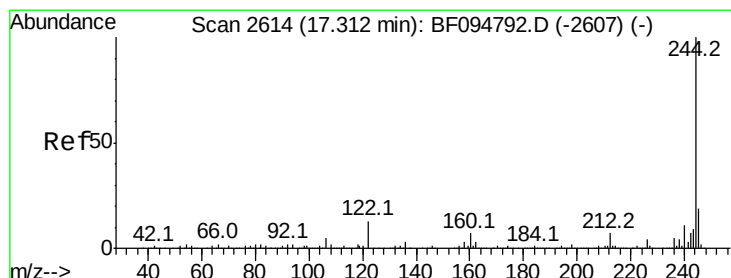
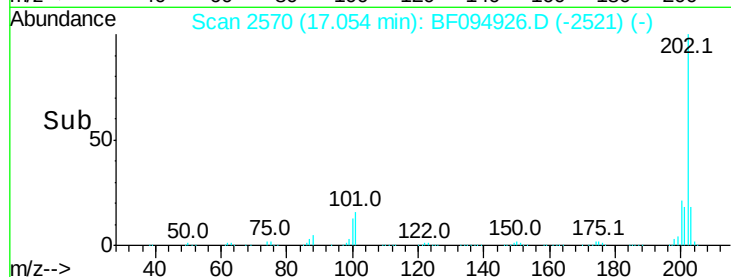
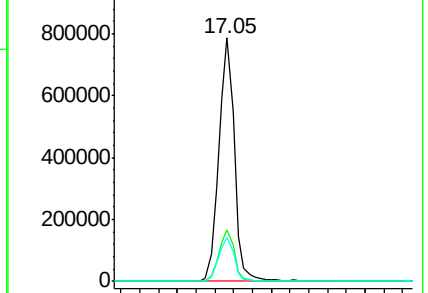
203 17.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 78.24 ng

RT: 17.30 min Scan# 2612

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

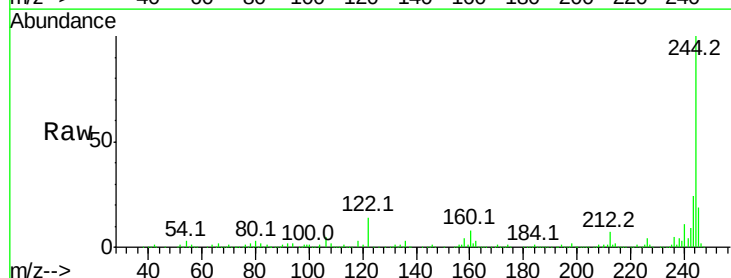
Tgt Ion:244 Resp: 1000696

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

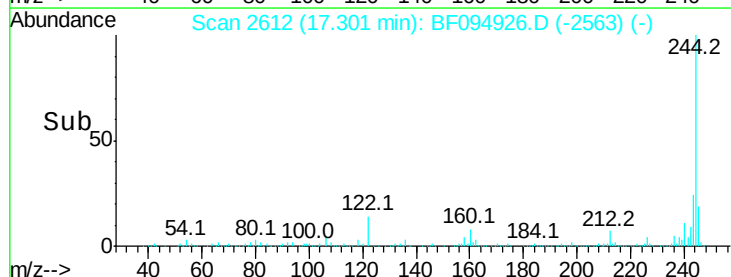
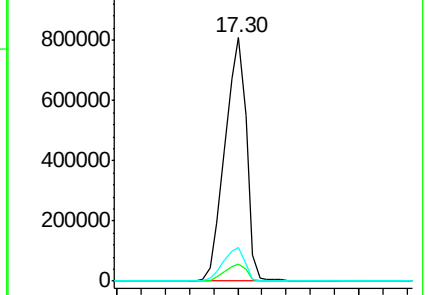
122 13.8 10.3 15.5

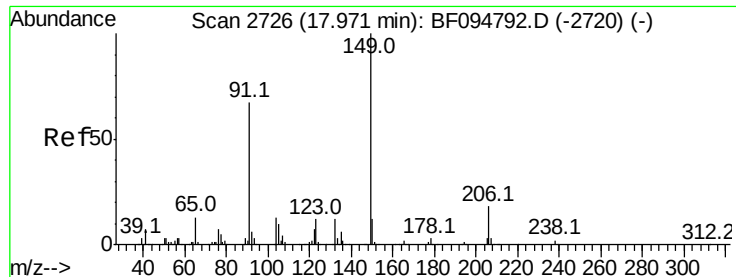


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

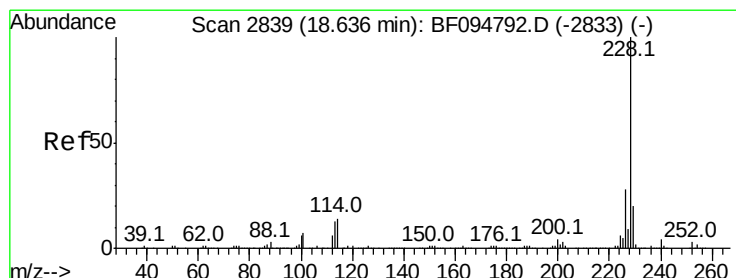
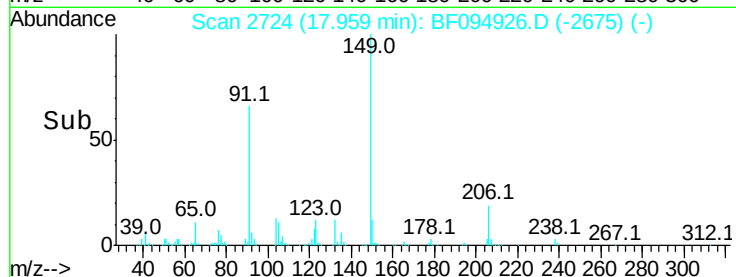
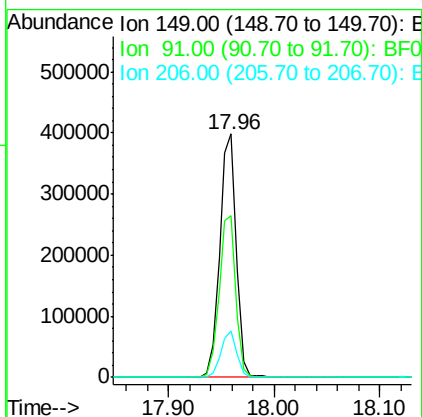
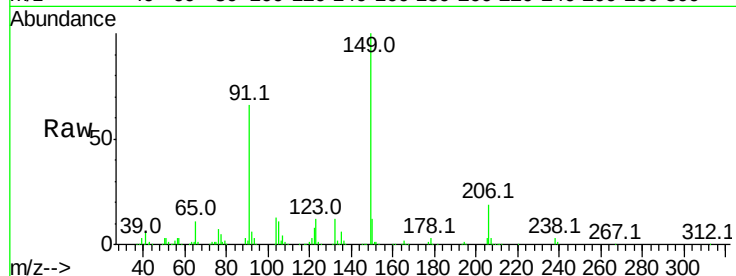




#79
Butylbenzylphthalate
Concen: 44.41 ng
RT: 17.96 min Scan# 2724
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

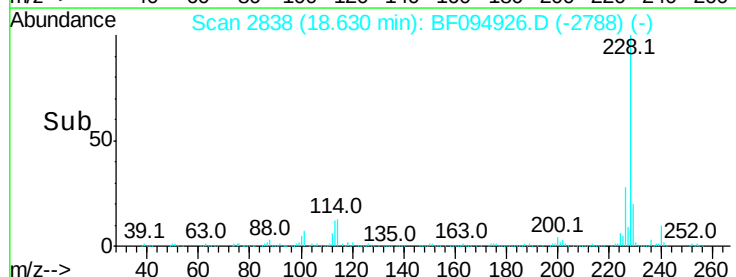
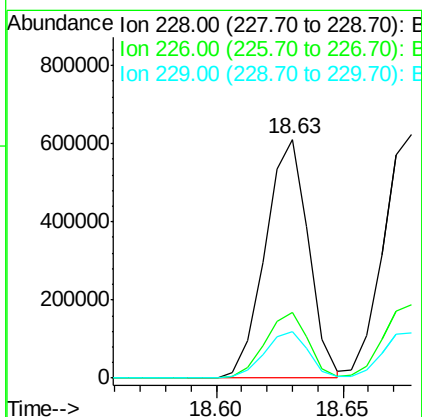
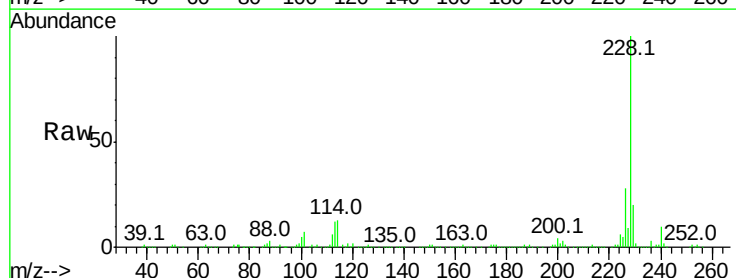
Instrument :
BNA_F
ClientSampleId :

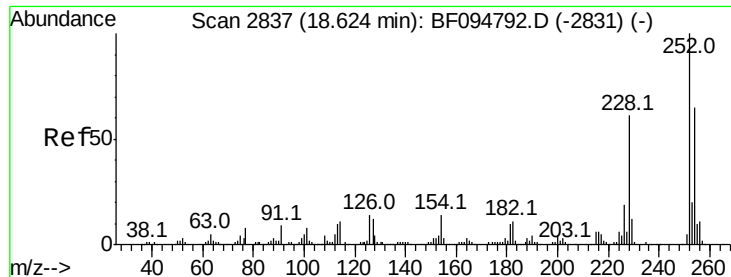
Tot Ion	Ratio	Lower	Upper
149	100		
91	66.4	45.0	67.4
206	19.3	17.0	25.6



#80
Benzo(a)anthracene
Concen: 44.32 ng
RT: 18.63 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	22.6	33.8
229	19.7	16.3	24.5

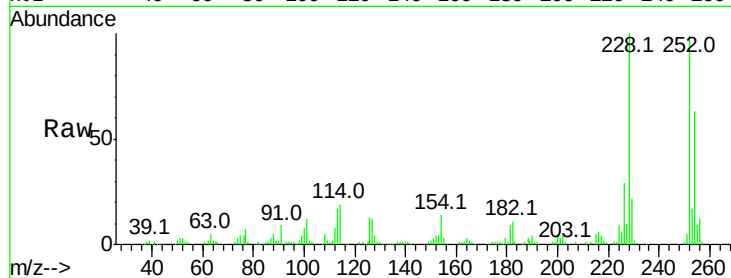




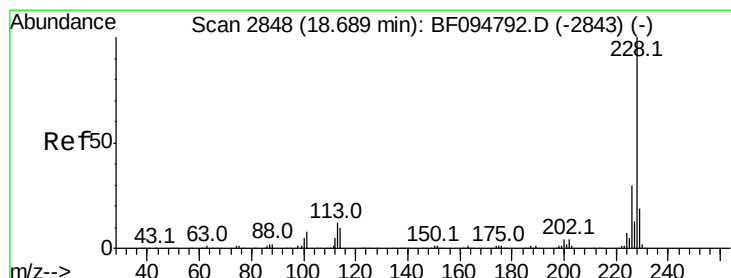
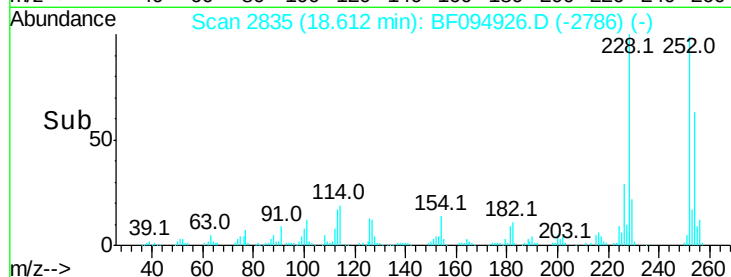
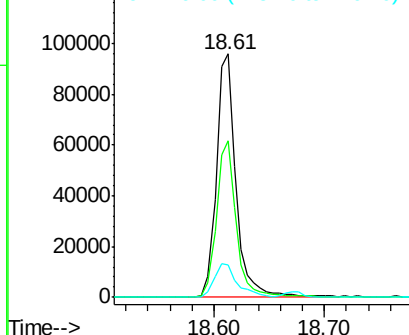
#81
 3,3'-Dichlorobenzidine
 Concen: 20.88 ng
 RT: 18.61 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 118246
 Ion Ratio Lower Upper
 252 100
 254 64.2 51.5 77.3
 126 13.1 15.8 23.8#

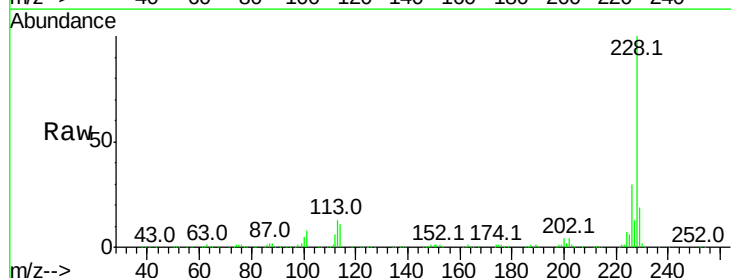


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

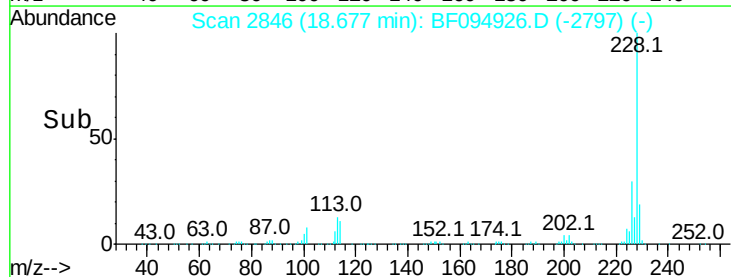
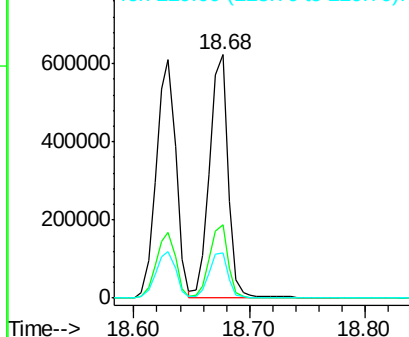


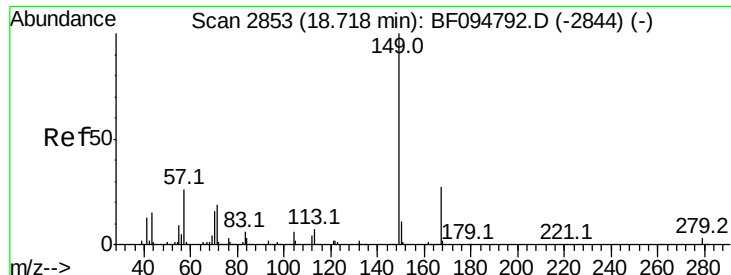
#82
 Chrysene
 Concen: 43.99 ng
 RT: 18.68 min Scan# 2846
 Delta R.T. -0.01 min
 Lab File: BF094926.D
 Acq: 5 May 2017 20:09

Tgt Ion:228 Resp: 697367
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.9 37.3
 229 18.8 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: 43.78 ng

RT: 18.70 min Scan# 2850

Delta R.T. -0.02 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampleId :

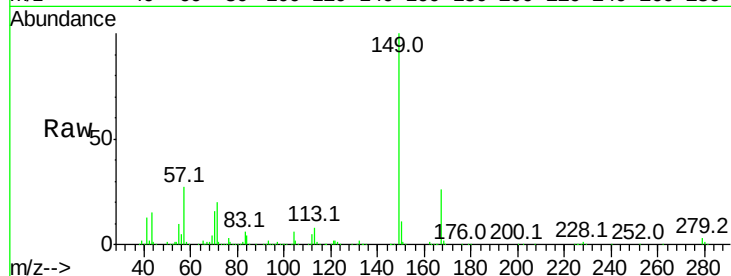
Tot Ion:149 Resp: 611318

Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

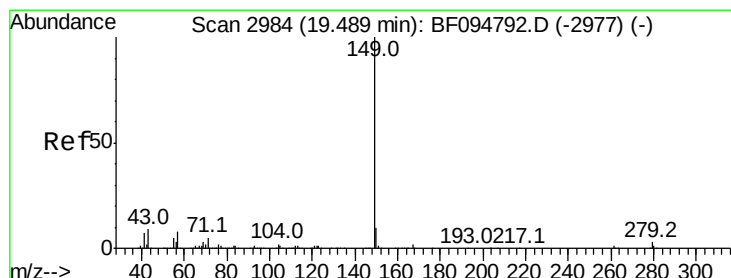
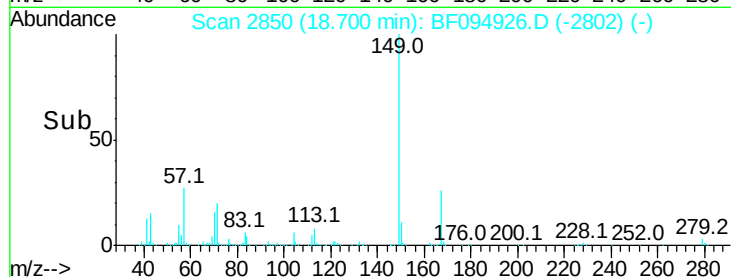
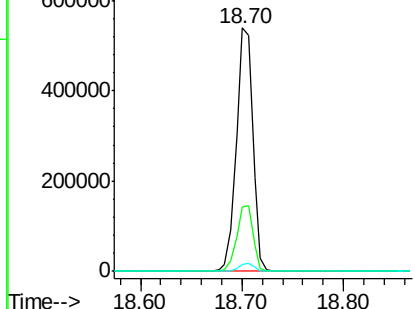
279 2.9 1.9 2.9#



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: 42.96 ng

RT: 19.47 min Scan# 2981

Delta R.T. -0.02 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

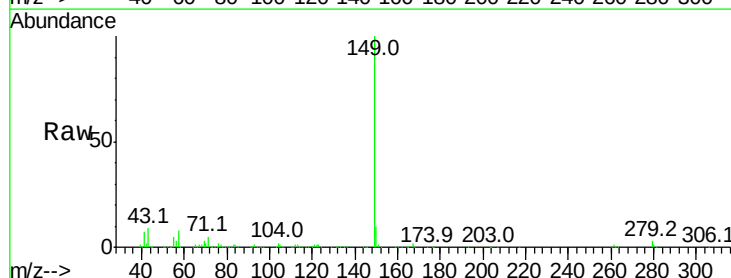
Tgt Ion:149 Resp: 983457

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

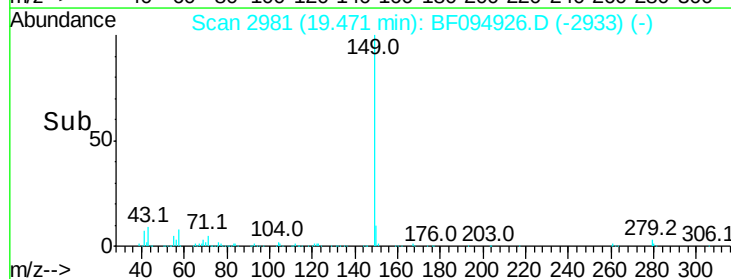
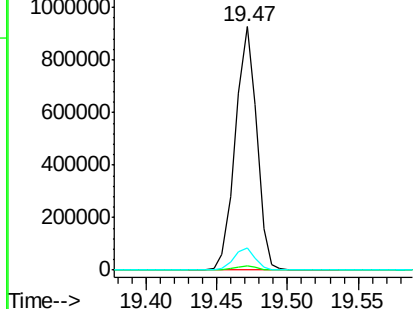
43 8.8 8.5 12.7

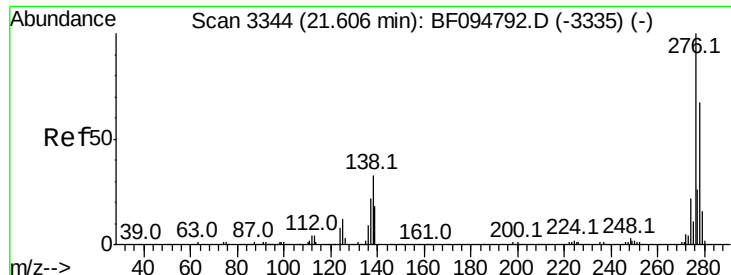


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

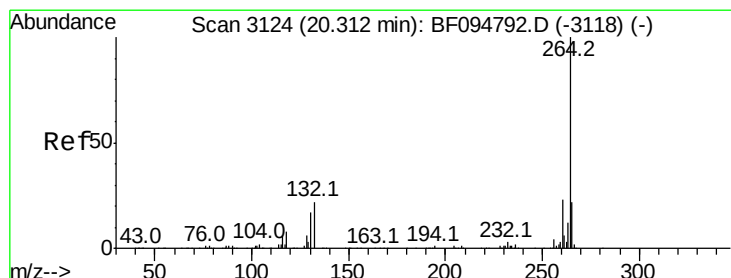
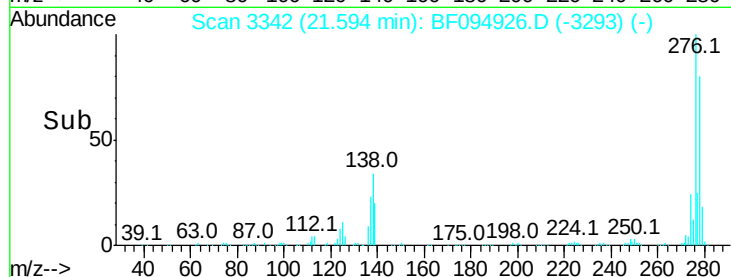
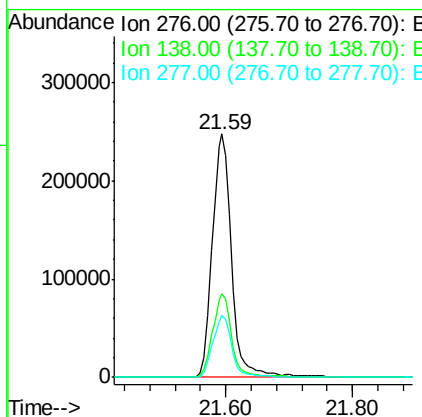
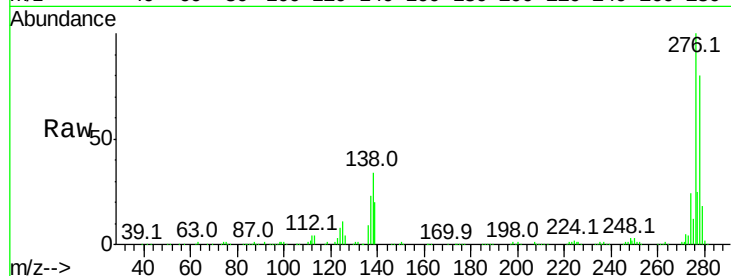




#85
Indeno(1,2,3-cd)pyrene
Concen: 41.57 ng
RT: 21.59 min Scan# 3342
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

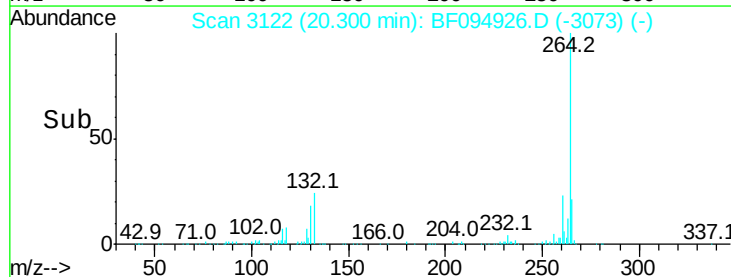
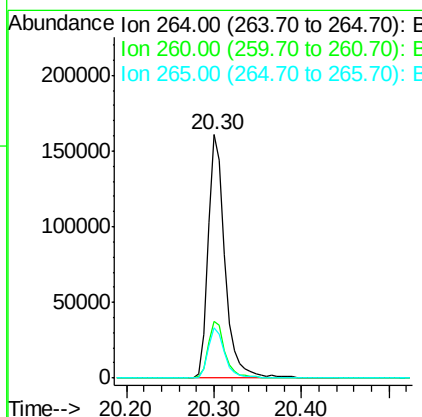
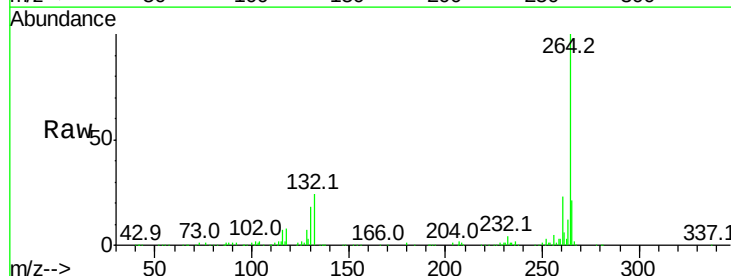
Instrument :
BNA_F
ClientSampleId :

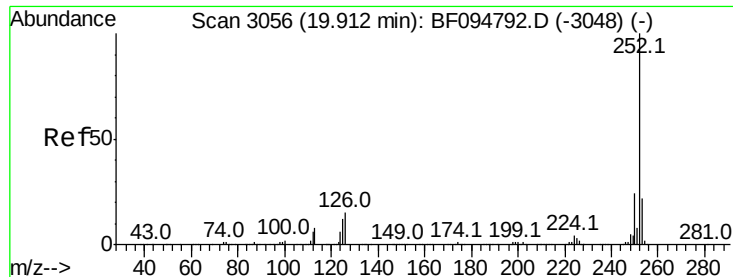
Tot Ion:276 Resp: 535105
Ion Ratio Lower Upper
276 100
138 34.1 27.8 41.6
277 25.1 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion:264 Resp: 215034
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 20.7 17.2 25.8

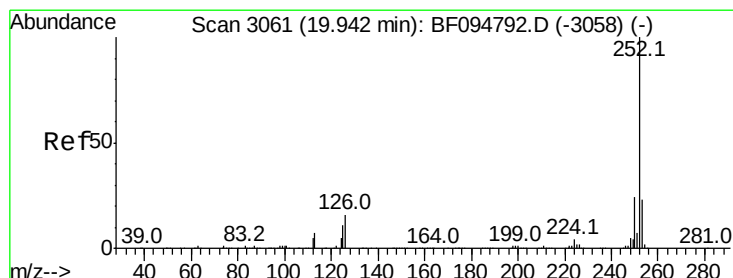
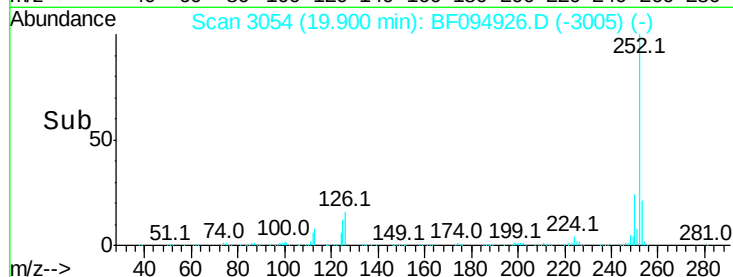
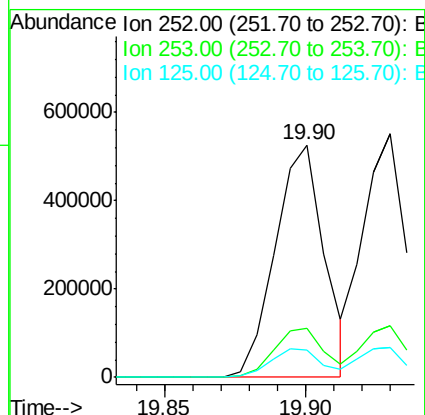
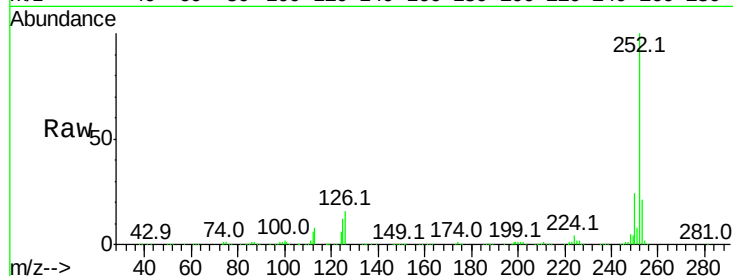




#87
Benzo(b)fluoranthene
Concen: 47.72 ng
RT: 19.90 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

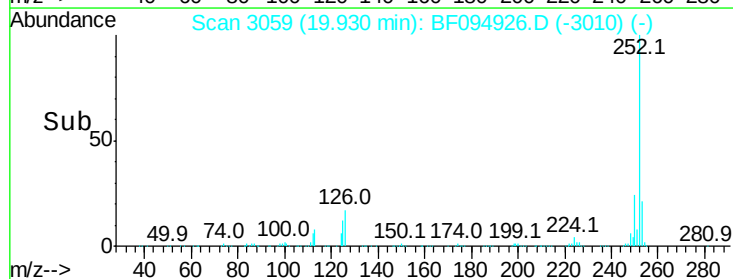
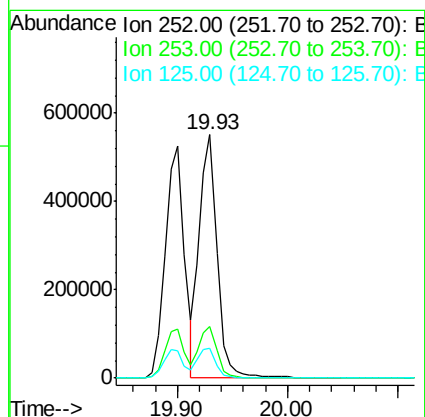
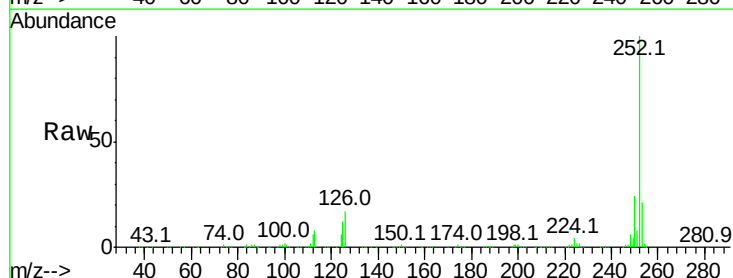
Instrument :
BNA_F
ClientSampleId :

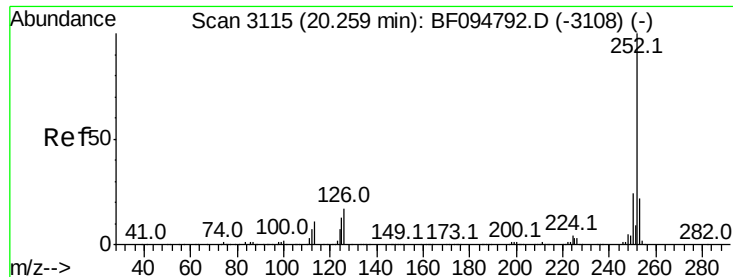
Tot Ion:252 Resp: 634022
Ion Ratio Lower Upper
252 100
253 21.2 18.1 27.1
125 11.9 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 47.17 ng
RT: 19.93 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion:252 Resp: 604601
Ion Ratio Lower Upper
252 100
253 21.4 18.4 27.6
125 12.3 13.1 19.7#

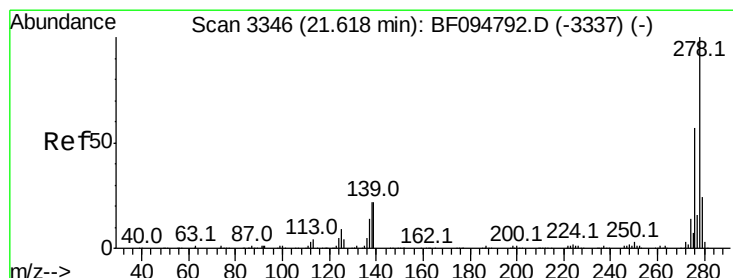
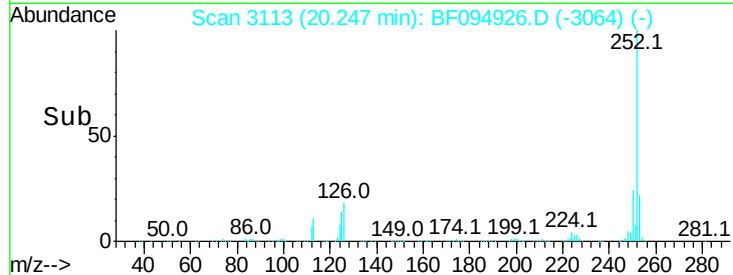
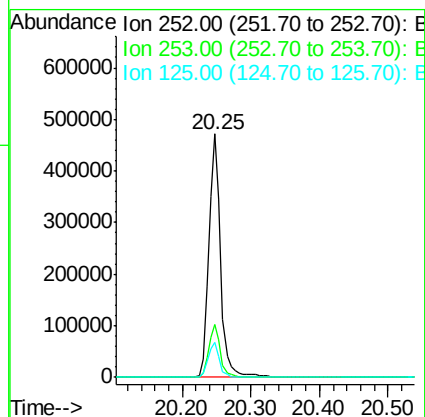
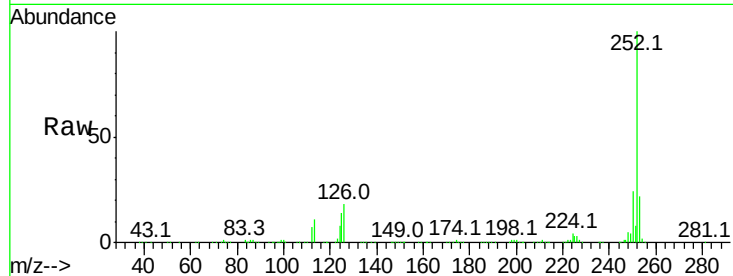




#89
Benzo(a)pyrene
Concen: 46.69 ng
RT: 20.25 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

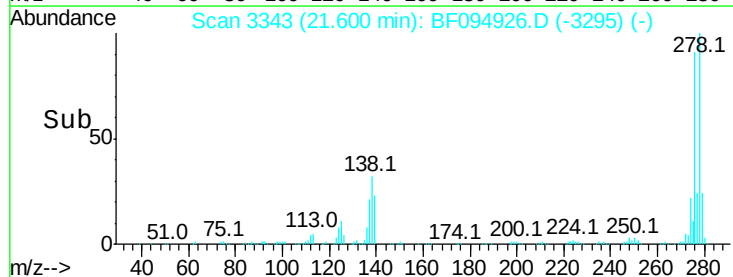
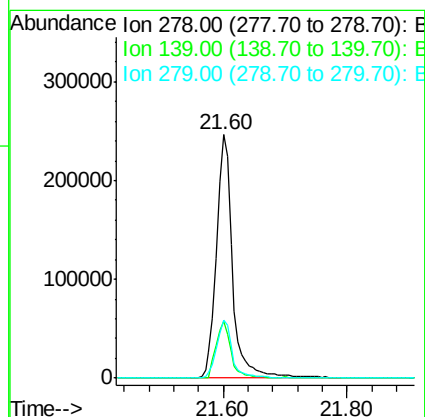
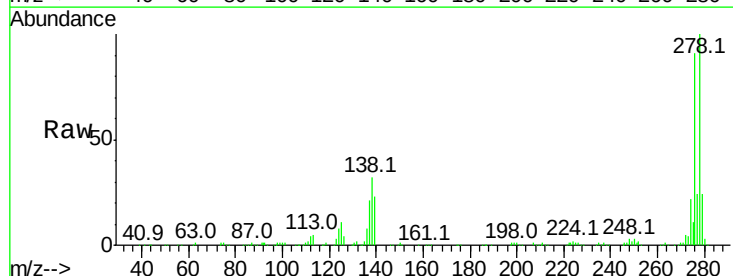
Instrument :
BNA_F
ClientSampleId :

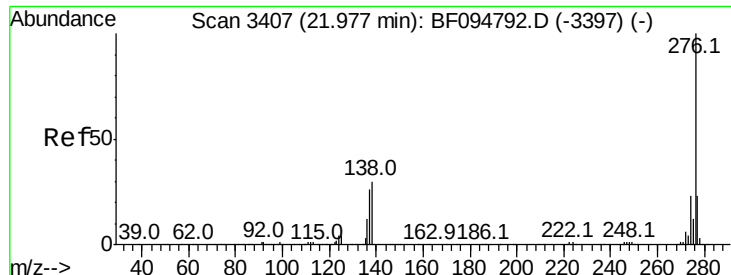
Tot Ion:252 Resp: 572431
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 14.4 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 43.58 ng
RT: 21.60 min Scan# 3343
Delta R.T. -0.02 min
Lab File: BF094926.D
Acq: 5 May 2017 20:09

Tgt Ion:278 Resp: 441277
Ion Ratio Lower Upper
278 100
139 23.4 16.6 24.8
279 23.9 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 45.85 ng

RT: 21.96 min Scan# 3405

Delta R.T. -0.01 min

Lab File: BF094926.D

Acq: 5 May 2017 20:09

Instrument :

BNA_F

ClientSampleId :

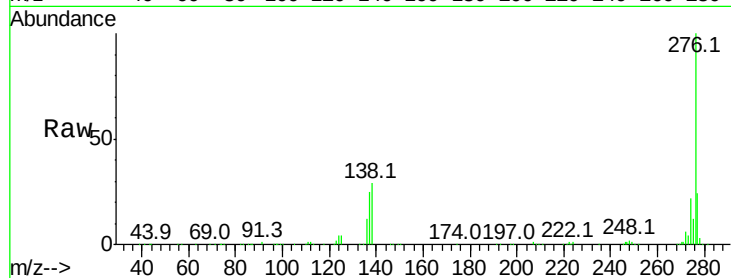
Tot Ion:276 Resp: 455626

Ion Ratio Lower Upper

276 100

277 24.2 18.6 28.0

138 28.7 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

