

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094920.D
 Acq On : 5 May 2017 16:47
 Operator : SJ/MA
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 18:28:06 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	86463	20.00	ng	-0.01
21) Naphthalene-d8	9.74	136	361063	20.00	ng	-0.01
38) Acenaphthene-d10	12.57	164	176791	20.00	ng	-0.01
63) Phenanthrene-d10	14.97	188	315734	20.00	ng	-0.01
75) Chrysene-d12	18.64	240	244508	20.00	ng	-0.01
86) Perylene-d12	20.30	264	193608	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	436143	84.10	ng	-0.01
7) Phenol-d6	7.26	99	513125	82.46	ng	-0.02
23) Nitrobenzene-d5	8.62	82	460713	80.46	ng	-0.01
41) 2,4,6-Tribromophenol	13.87	330	120099	82.95	ng	-0.01
44) 2-Fluorobiphenyl	11.52	172	1020653	83.10	ng	-0.01
78) Terphenyl-d14	17.30	244	834950	75.21	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.09	88	136910	53.83	ng	93
3) Pyridine	2.75	79	246059	41.74	ng	94
4) n-Nitrosodimethylamine	2.68	42	98700	40.17	ng	80
6) Aniline	7.22	93	319457	40.67	ng	96
8) 2-Chlorophenol	7.41	128	247609	41.95	ng	95
9) Benzaldehyde	7.03	77	151573	39.89	ng	98
10) Phenol	7.28	94	270676	41.28	ng	91
11) bis(2-Chloroethyl)ether	7.35	93	221736	40.96	ng	96
12) 1,3-Dichlorobenzene	7.62	146	273707	40.88	ng	99
13) 1,4-Dichlorobenzene	7.75	146	280493	41.31	ng	97
14) 1,2-Dichlorobenzene	7.98	146	264146	41.67	ng	96
15) Benzyl Alcohol	8.00	79	195148	48.76	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	290280	37.89	ng	# 27
17) 2-Methylphenol	8.21	107	197338	40.85	ng	# 86
18) Hexachloroethane	8.50	117	95845	41.67	ng	# 86
19) n-Nitroso-di-n-propylamine	8.43	70	169993	40.39	ng	92
20) 3+4-Methylphenols	8.47	107	267007	40.68	ng	# 61
22) Acetophenone	8.40	105	354907	40.97	ng	# 83
24) Nitrobenzene	8.65	77	243392	40.55	ng	92
25) Isophorone	9.05	82	433041	42.35	ng	95
26) 2-Nitrophenol	9.16	139	136118	42.03	ng	98
27) 2,4-Dimethylphenol	9.30	122	212520	40.59	ng	97
28) bis(2-Chloroethoxy)methane	9.42	93	278606	39.39	ng	100
29) 2,4-Dichlorophenol	9.57	162	203330	41.13	ng	97
30) 1,2,4-Trichlorobenzene	9.67	180	213615	40.33	ng	99
31) Naphthalene	9.78	128	715920	39.45	ng	99
32) Benzoic acid	9.60	122	124193	37.38	ng	96
33) 4-Chloroaniline	9.91	127	284610	42.09	ng	# 93
34) Hexachlorobutadiene	10.00	225	108587	38.85	ng	95
35) Caprolactam	10.57	113	12837	8.65	ng	98
36) 4-Chloro-3-methylphenol	10.76	107	225463	42.65	ng	87
37) 2-Methylnaphthalene	10.90	142	524346	44.03	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.18	216	216240	39.77	ng	99
40) Hexachlorocyclopentadiene	11.16	237	74480	36.18	ng	99

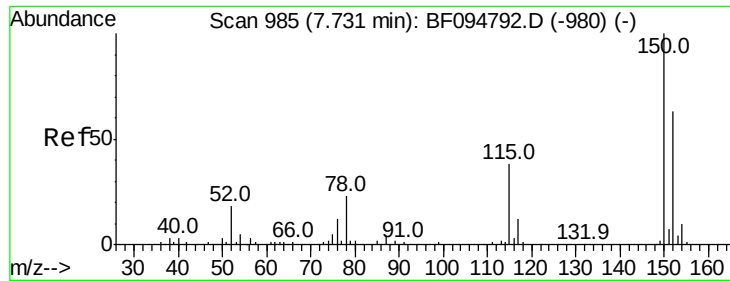
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050517\
 Data File : BF094920.D
 Acq On : 5 May 2017 16:47
 Operator : SJ/MA
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 05 18:28:06 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.40	196	148048	40.78	nq	98
43) 2,4,5-Trichlorophenol	11.48	196	156024	39.99	nq	# 91
45) 1,1'-Biphenyl	11.67	154	609840	40.97	nq	98
46) 2-Chloronaphthalene	11.68	162	474090	39.45	nq	95
47) 2-Nitroaniline	11.90	65	133666	40.63	nq	# 81
48) Acenaphthylene	12.34	152	762287	40.49	nq	99
49) Dimethylphthalate	12.21	163	550740	37.95	nq	98
50) 2,6-Dinitrotoluene	12.30	165	122597	41.40	nq	91
51) Acenaphthene	12.62	154	439059	39.05	nq	98
52) 3-Nitroaniline	12.57	138	129864	40.86	nq	# 93
53) 2,4-Dinitrophenol	12.77	184	56729	38.32	nq	# 68
54) Dibenzofuran	12.91	168	678545	43.61	nq	99
55) 4-Nitrophenol	12.96	139	77384	40.54	nq	# 70
56) 2,4-Dinitrotoluene	12.97	165	160787	42.26	nq	# 90
57) Fluorene	13.47	166	541125	40.00	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.15	232	111204	45.29	nq	# 95
59) Diethylphthalate	13.37	149	511071	36.74	nq	99
60) 4-Chlorophenyl-phenylether	13.49	204	237418	39.93	nq	91
61) 4-Nitroaniline	13.57	138	123950	42.49	nq	95
62) Azobenzene	13.75	77	493677	44.16	nq	96
64) 4,6-Dinitro-2-methylphenol	13.63	198	86098	40.68	nq	# 69
65) n-Nitrosodiphenylamine	13.70	169	459913	40.13	nq	99
66) 4-Bromophenyl-phenylether	14.28	248	134239	40.24	nq	100
67) Hexachlorobenzene	14.36	284	134680	39.40	nq	# 86
68) Atrazine	14.62	200	134081	41.44	nq	96
69) Pentachlorophenol	14.71	266	50568	36.18	nq	98
70) Phenanthrene	15.01	178	747438	41.20	nq	97
71) Anthracene	15.09	178	767953	41.44	nq	98
72) Carbazole	15.37	167	710739	42.15	nq	98
73) Di-n-butylphthalate	15.94	149	817903	38.90	nq	98
74) Fluoranthene	16.75	202	755221	40.58	nq	99
76) Benzidine	16.97	184	119892	22.23	nq	94
77) Pyrene	17.05	202	770162	42.12	nq	99
79) Butylbenzylphthalate	17.96	149	308131	36.23	nq	91
80) Benzo(a)anthracene	18.63	228	580276	40.78	nq	98
81) 3,3'-Dichlorobenzidine	18.61	252	193024	39.27	nq	# 97
82) Chrysene	18.67	228	559364	40.65	nq	99
83) Bis(2-ethylhexyl)phthalate	18.70	149	465676	38.43	nq	98
84) Di-n-octyl phthalate	19.47	149	731764	36.83	nq	96
85) Indeno(1,2,3-cd)pyrene	21.59	276	411730	36.85	nq	99
87) Benzo(b)fluoranthene	19.89	252	473913	39.61	nq	99
88) Benzo(k)fluoranthene	19.92	252	447319	38.76	nq	96
89) Benzo(a)pyrene	20.25	252	453535	41.08	nq	100
90) Dibenzo(a,h)anthracene	21.60	278	344653	37.80	nq	100
91) Benzo(g,h,i)perylene	21.96	276	366679	40.98	nq	97

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

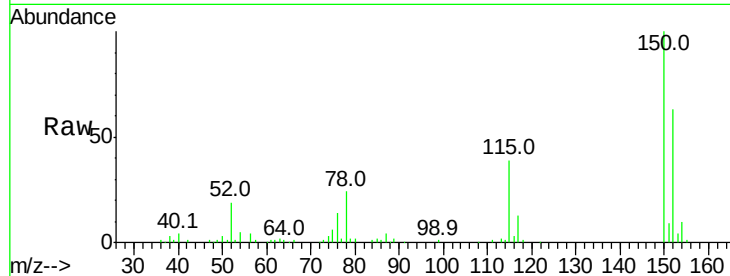


#1

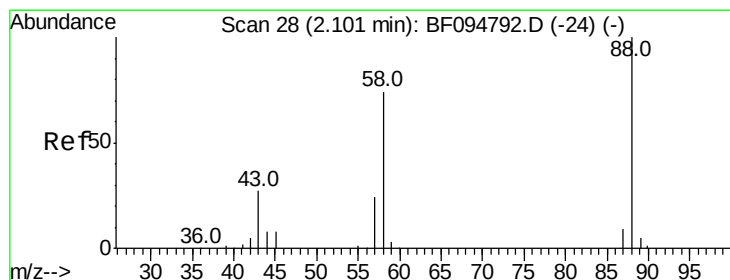
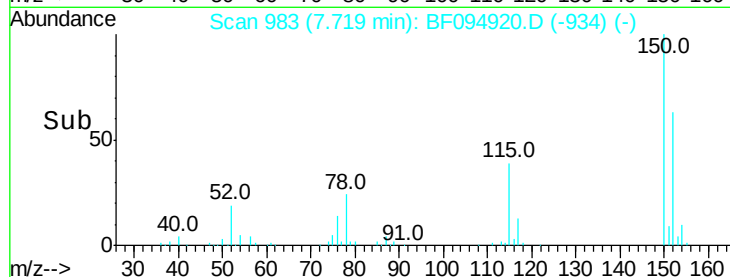
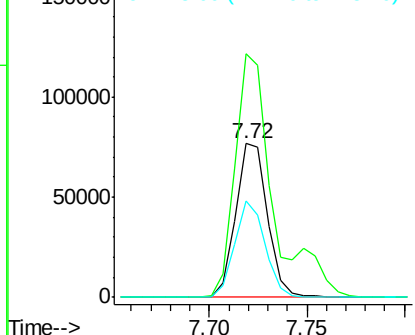
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 983
Delta R.T. -0.01 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 86463
Ion Ratio Lower Upper
152 100
150 158.6 126.2 189.2
115 62.6 52.2 78.2



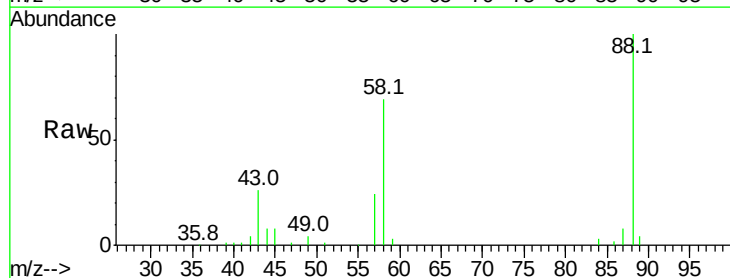
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



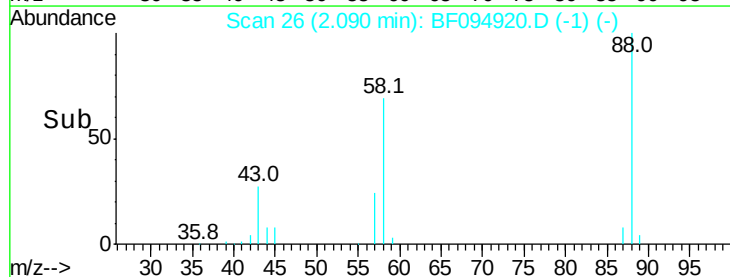
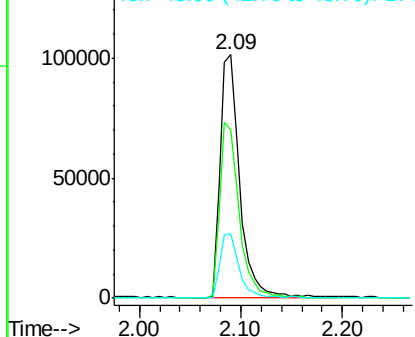
#2

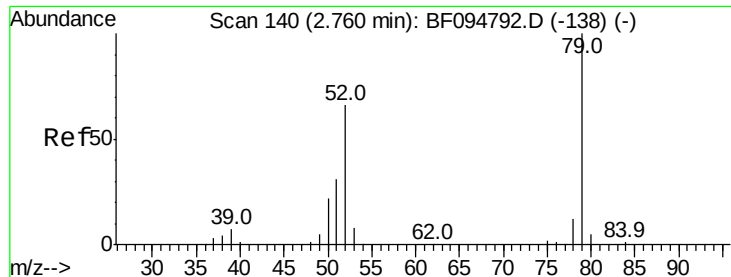
1,4-Dioxane
Concen: 53.83 ng
RT: 2.09 min Scan# 26
Delta R.T. -0.01 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

Tgt Ion: 88 Resp: 136910
Ion Ratio Lower Upper
88 100
58 70.8 61.4 92.0
43 26.0 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: 41.74 ng

RT: 2.75 min Scan# 139

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampleId :

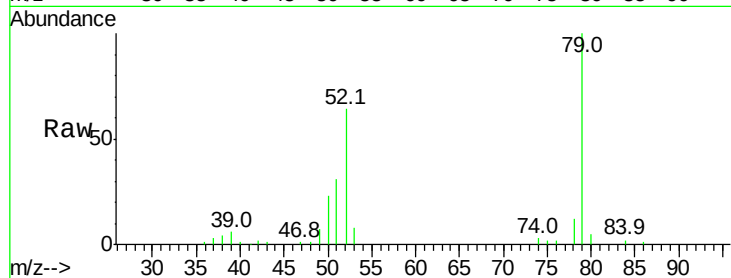
Tot Ion: 79 Resp: 246059

Ion Ratio Lower Upper

79 100

52 63.6 54.8 82.2

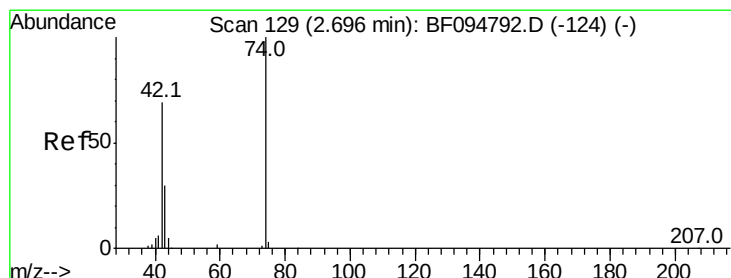
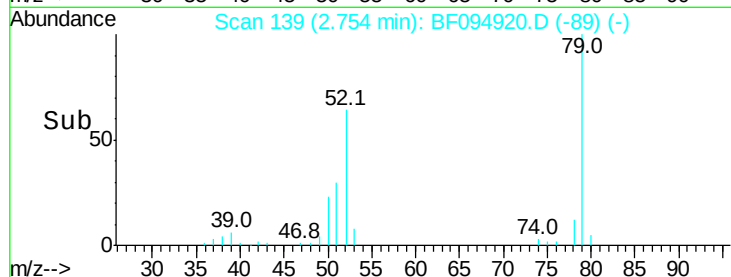
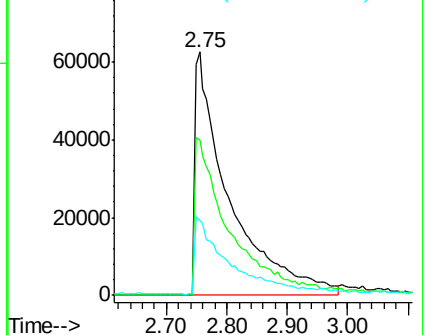
51 30.8 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 40.17 ng

RT: 2.68 min Scan# 127

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

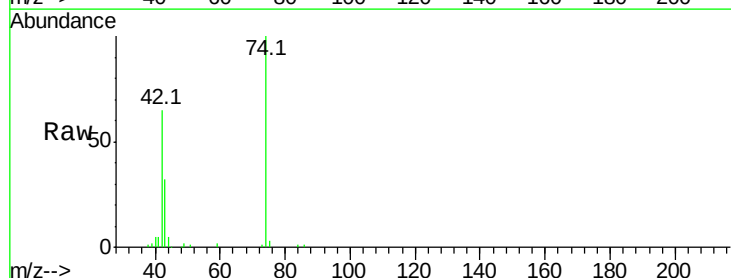
Tgt Ion: 42 Resp: 98700

Ion Ratio Lower Upper

42 100

74 154.1 103.9 155.9

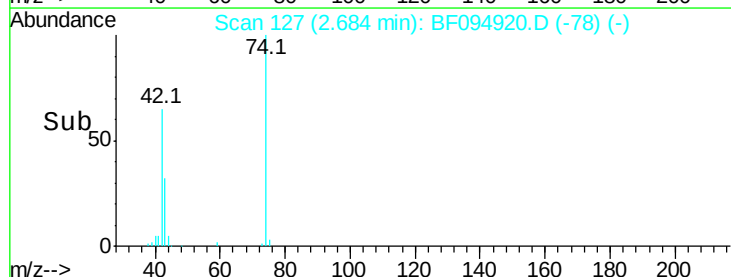
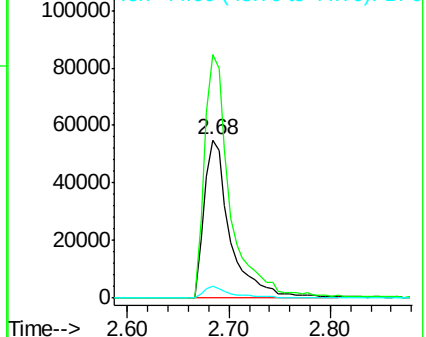
44 7.5 5.7 8.5

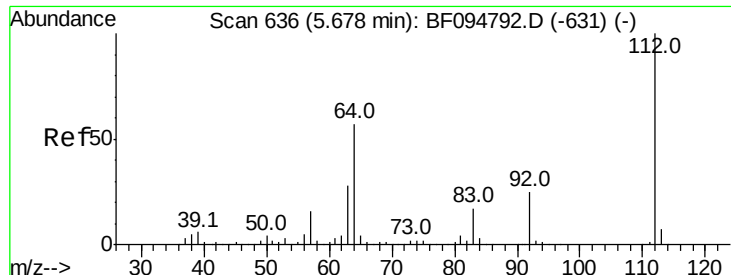


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 84.10 ng

RT: 5.67 min Scan# 634

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampleId :

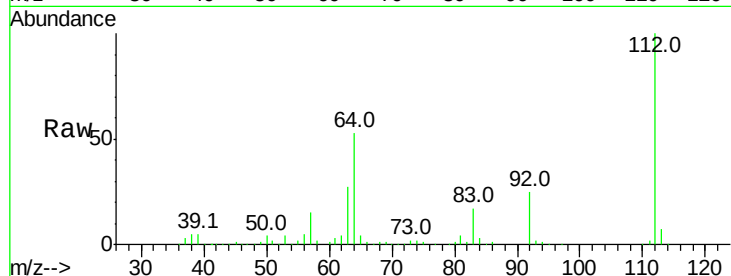
Tot Ion:112 Resp: 436143

Ion Ratio Lower Upper

112 100

64 53.1 46.0 69.0

63 27.2 23.4 35.0

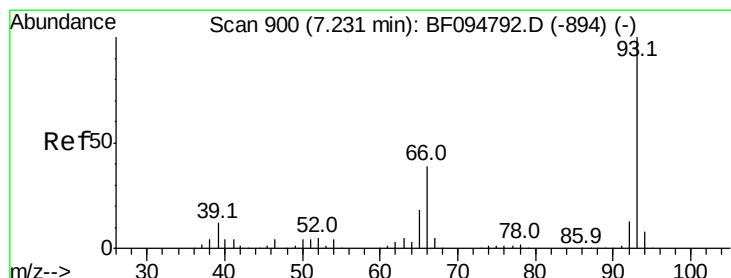
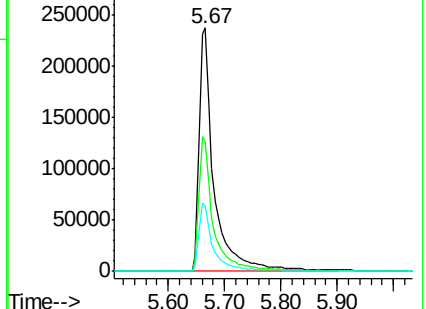
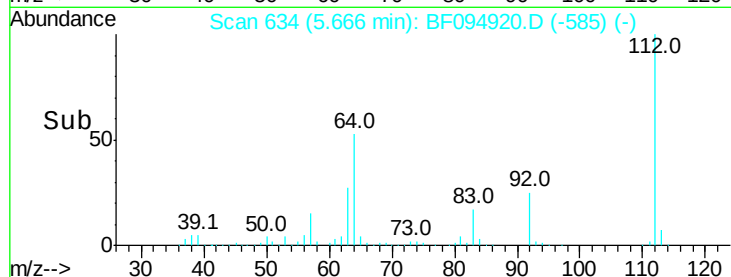


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Time-->



#6

Aniline

Concen: 40.67 ng

RT: 7.22 min Scan# 898

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

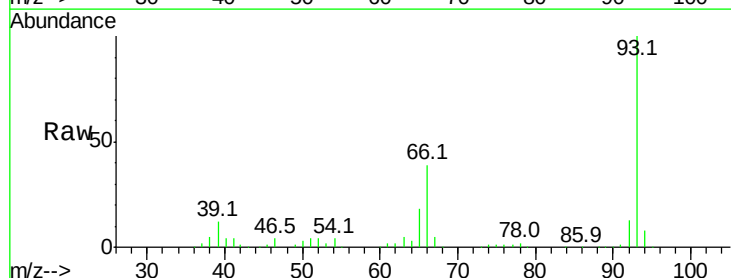
Tgt Ion: 93 Resp: 319457

Ion Ratio Lower Upper

93 100

66 38.7 32.9 49.3

65 18.3 16.0 24.0

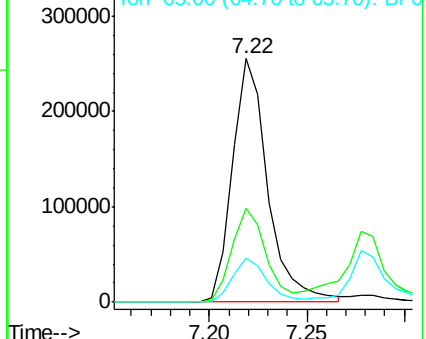
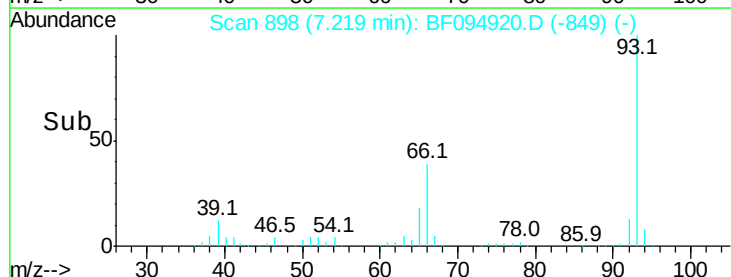


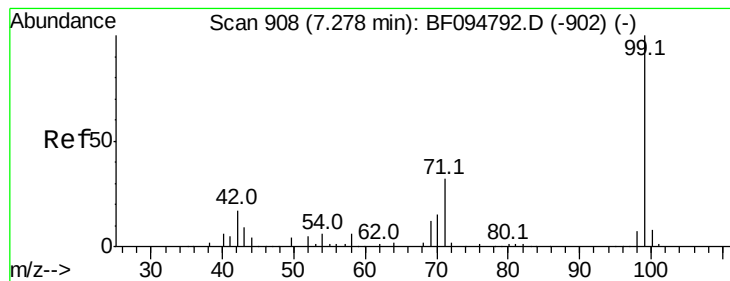
Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Time-->





#7

Phenol-d6

Concen: 82.46 ng

RT: 7.26 min Scan# 905

Delta R.T. -0.02 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampled :

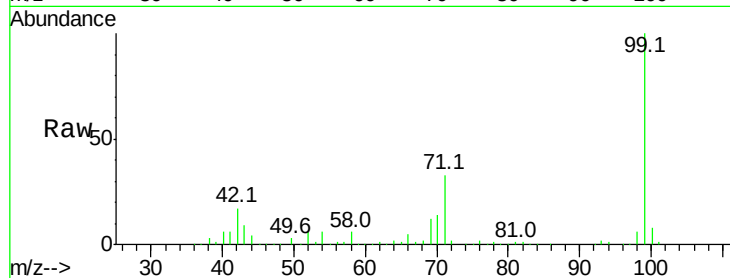
Tot Ion: 99 Resp: 513125

Ion Ratio Lower Upper

99 100

42 16.9 13.5 20.3

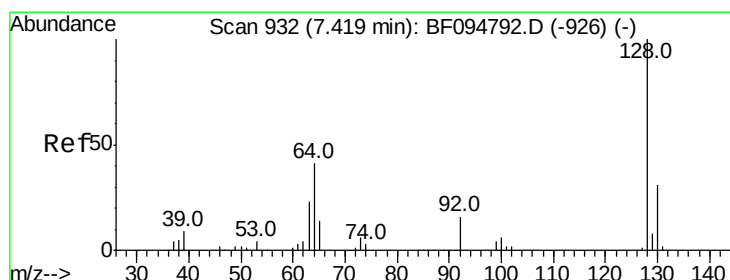
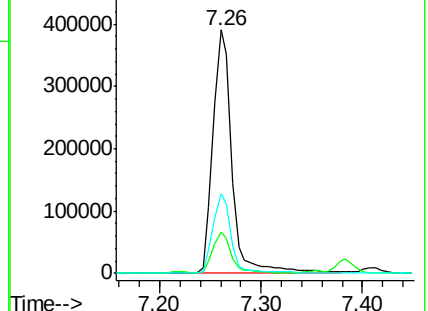
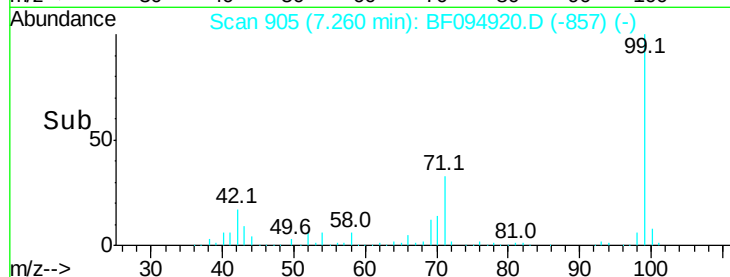
71 32.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#8

2-Chlorophenol

Concen: 41.95 ng

RT: 7.41 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

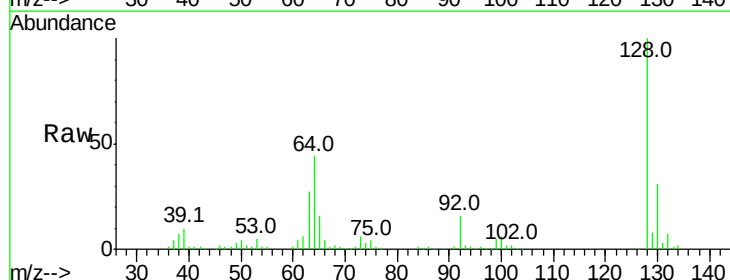
Tgt Ion: 128 Resp: 247609

Ion Ratio Lower Upper

128 100

130 31.5 12.9 52.9

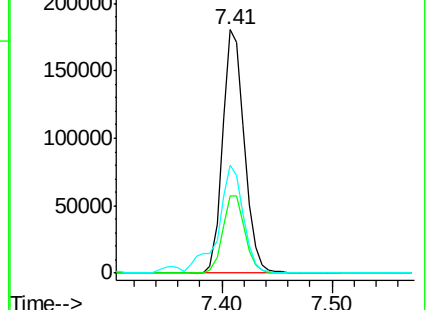
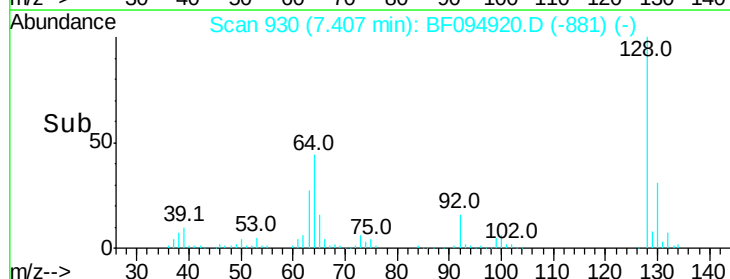
64 44.3 28.4 68.4

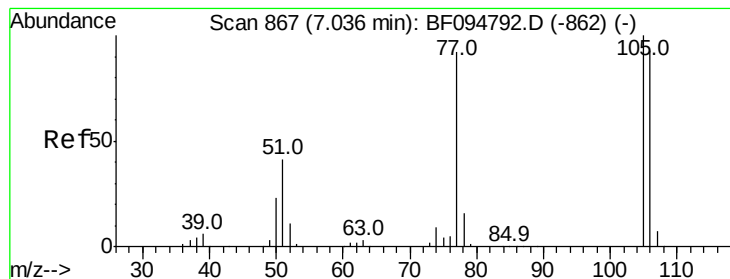


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 39.89 ng

RT: 7.03 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampled :

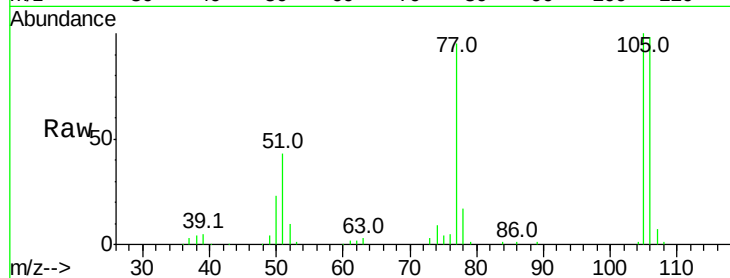
Tot Ion: 77 Resp: 151573

Ion Ratio Lower Upper

77 100

105 104.9 83.8 123.8

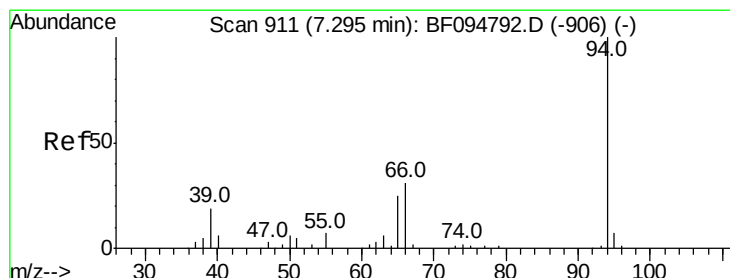
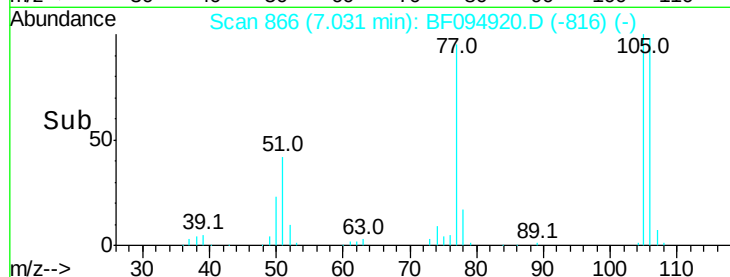
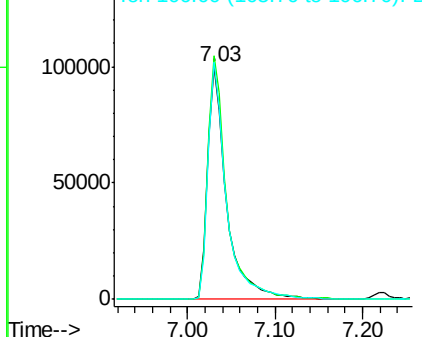
106 102.4 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 41.28 ng

RT: 7.28 min Scan# 908

Delta R.T. -0.02 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

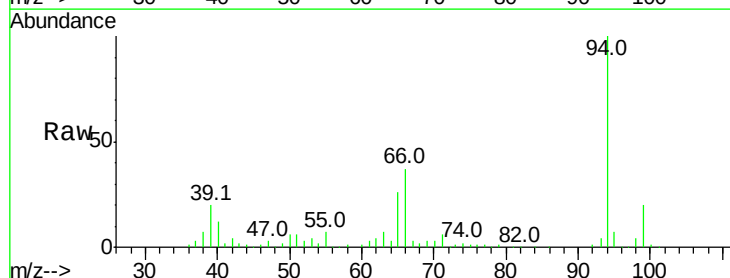
Tgt Ion: 94 Resp: 270676

Ion Ratio Lower Upper

94 100

65 26.3 9.9 49.9

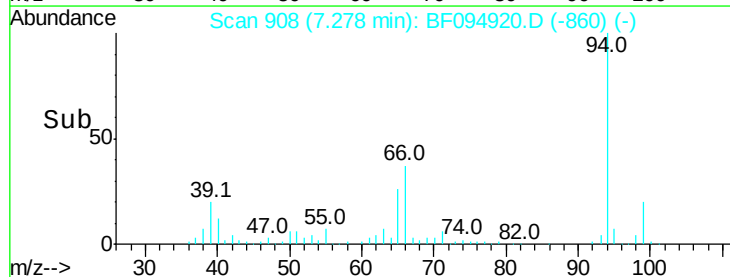
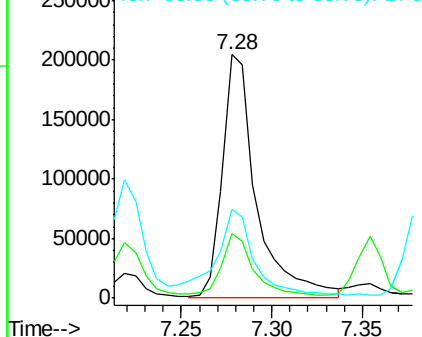
66 36.6 23.1 63.1

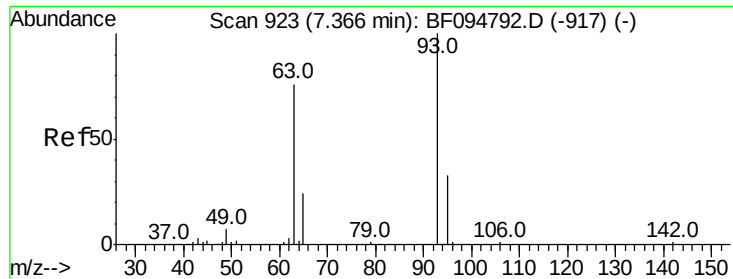


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

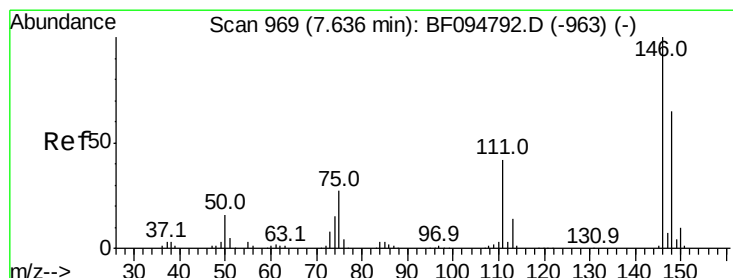
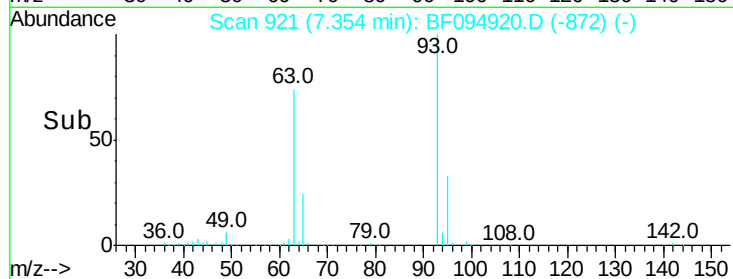
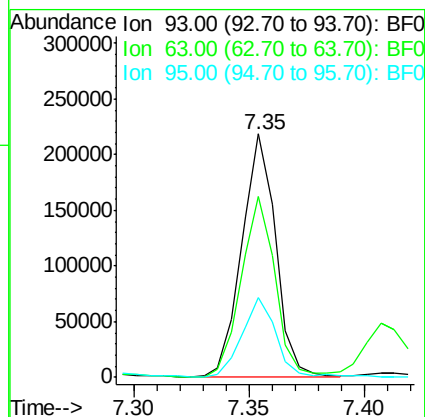
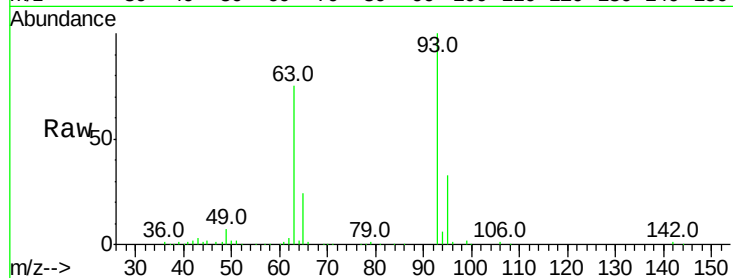




#11
bis(2-Chloroethyl)ether
Concen: 40.96 ng
RT: 7.35 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

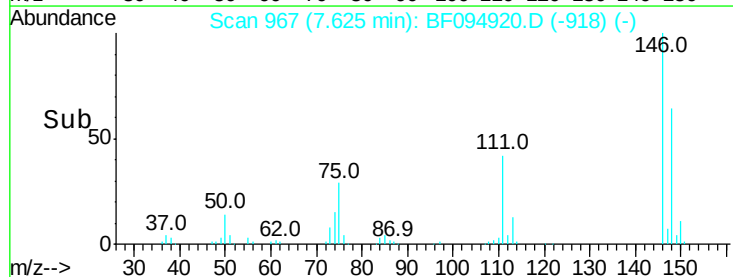
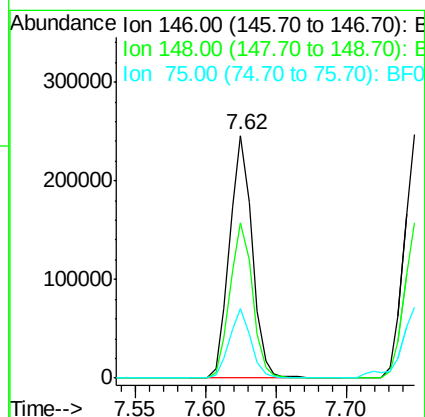
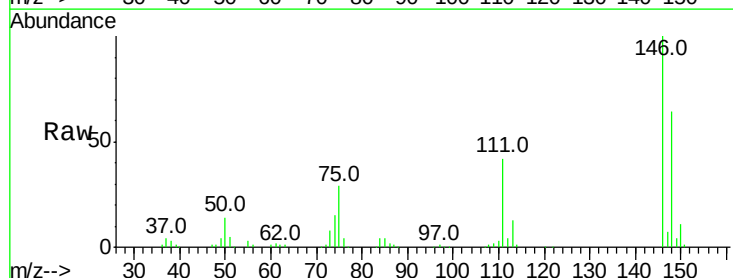
Instrument :
BNA_F
ClientSampled :

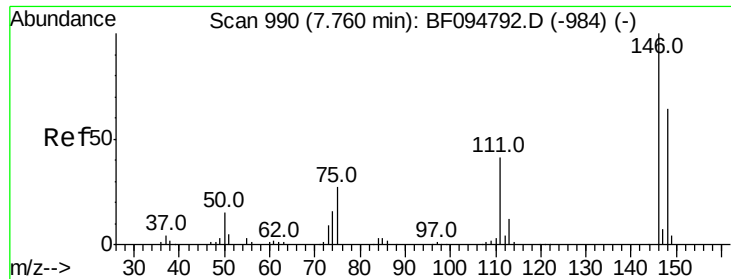
Tot Ion: 93 Resp: 221736
Ion Ratio Lower Upper
93 100
63 74.5 59.2 99.2
95 32.8 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 40.88 ng
RT: 7.62 min Scan# 967
Delta R.T. -0.01 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

Tgt Ion: 146 Resp: 273707
Ion Ratio Lower Upper
146 100
148 63.8 51.8 77.6
75 28.7 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 41.31 ng

RT: 7.75 min Scan# 988

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampleId :

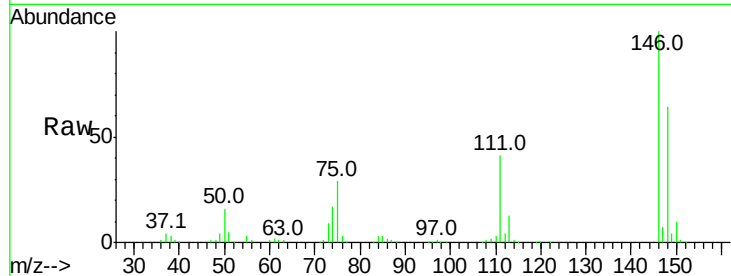
Tot Ion:146 Resp: 280493

Ion Ratio Lower Upper

146 100

148 63.6 52.2 78.2

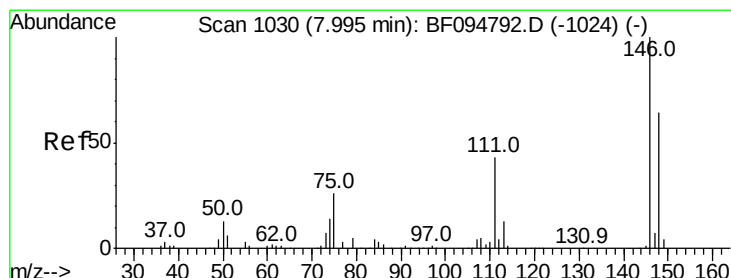
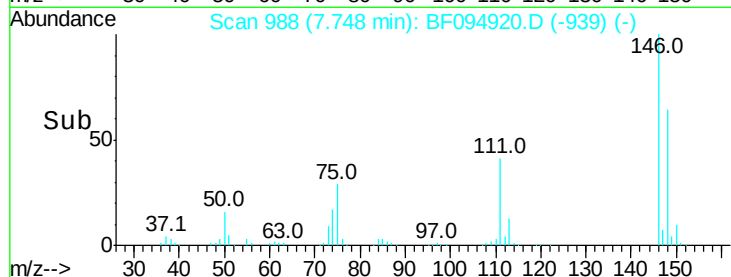
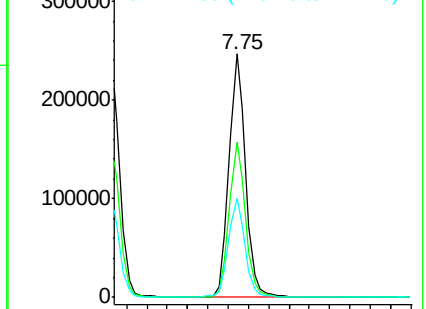
111 40.8 30.3 45.5



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: 41.67 ng

RT: 7.98 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

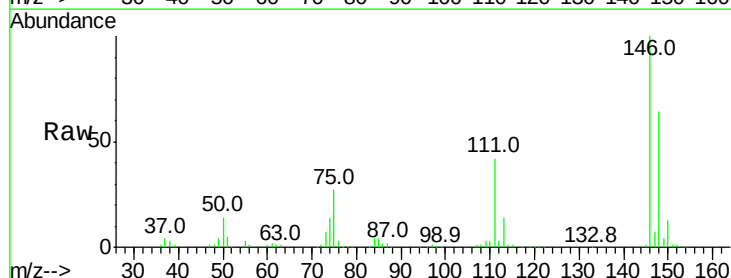
Tgt Ion:146 Resp: 264146

Ion Ratio Lower Upper

146 100

148 63.6 50.4 75.6

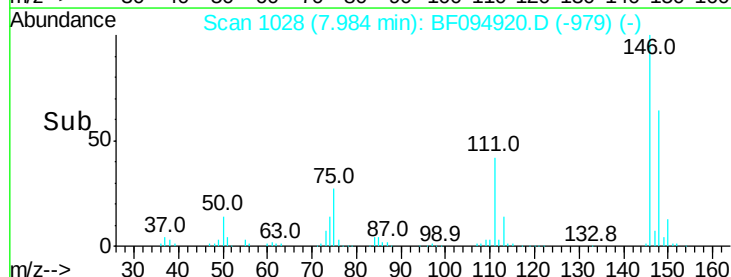
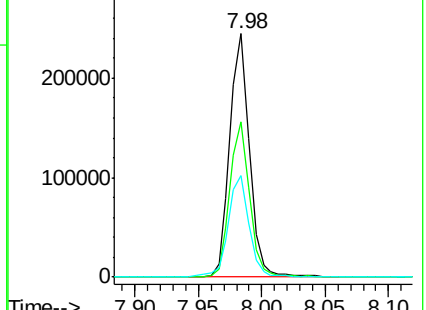
111 41.7 38.2 57.4

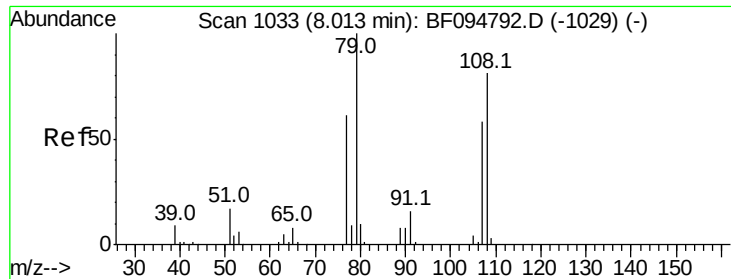


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 48.76 ng

RT: 8.00 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampleId :

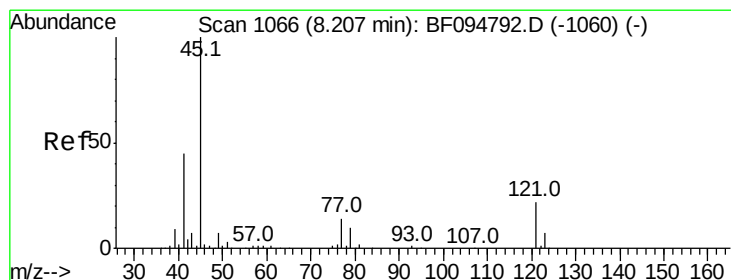
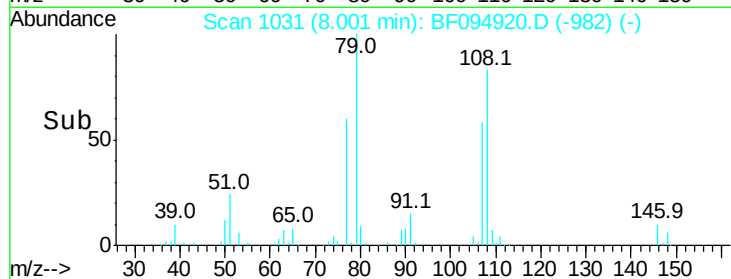
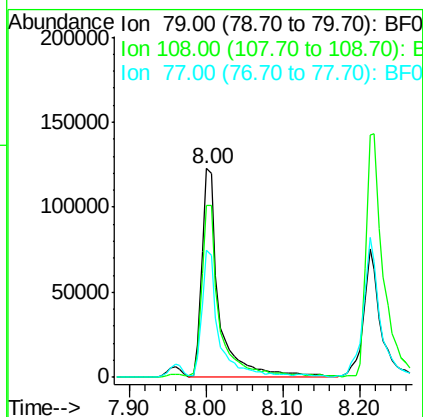
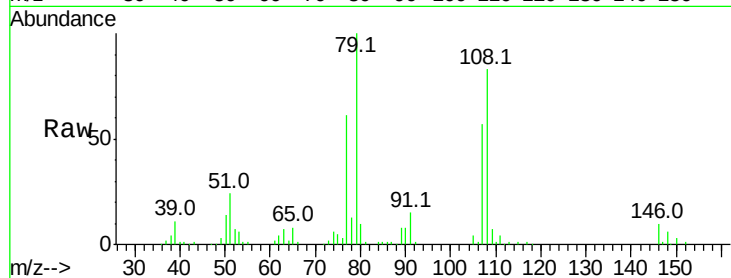
Tot Ion: 79 Resp: 195148

Ion Ratio Lower Upper

79 100

108 82.6 63.4 95.0

77 60.8 49.2 73.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.89 ng

RT: 8.21 min Scan# 1067

Delta R.T. 0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

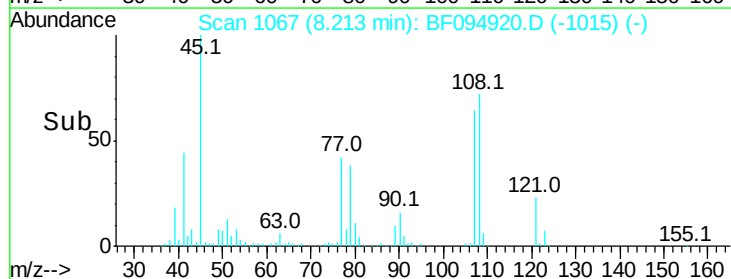
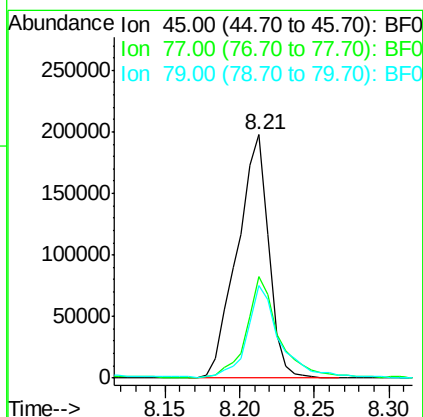
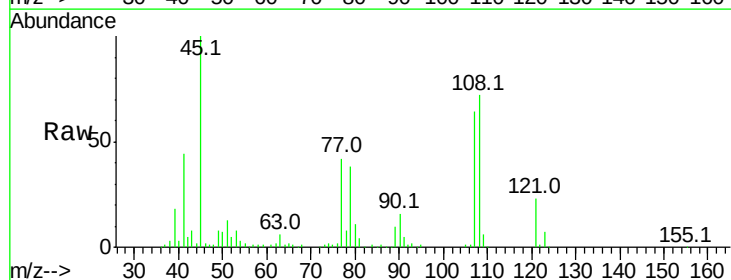
Tgt Ion: 45 Resp: 290280

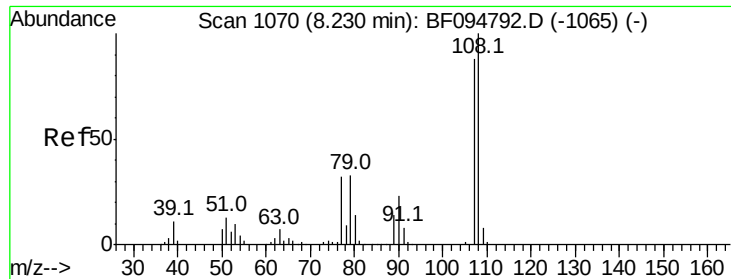
Ion Ratio Lower Upper

45 100

77 41.7 0.0 33.2#

79 38.2 0.0 30.0#

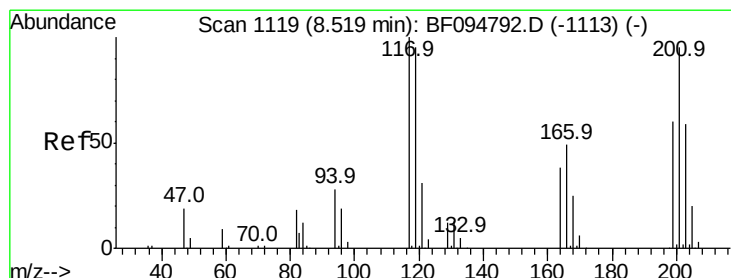
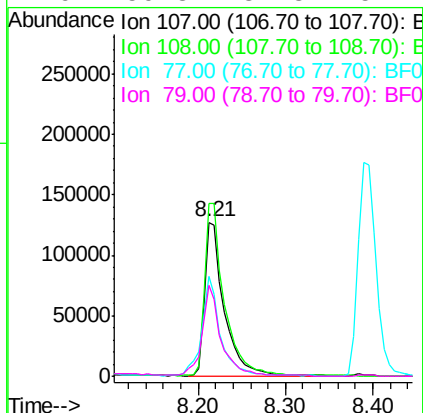
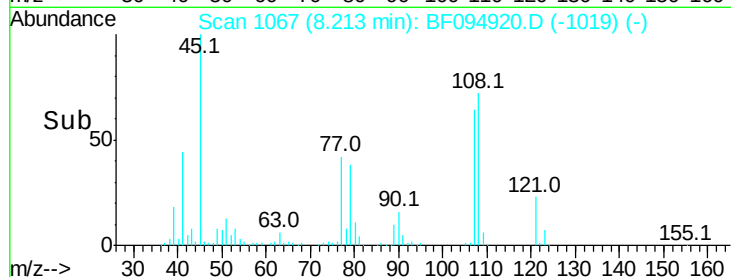
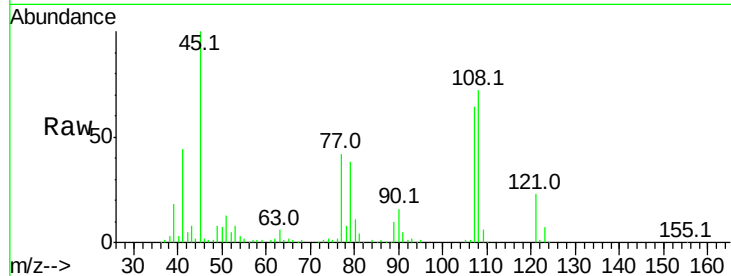




#17
2-Methylphenol
Concen: 40.85 ng
RT: 8.21 min Scan# 1067
Delta R.T. -0.02 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

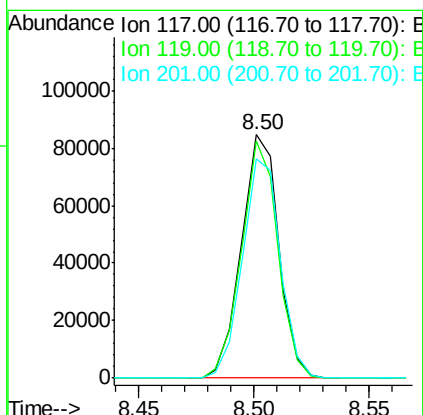
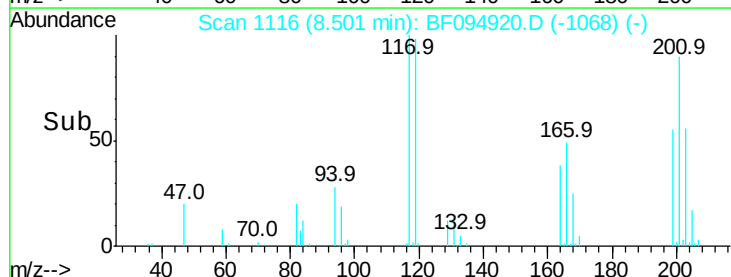
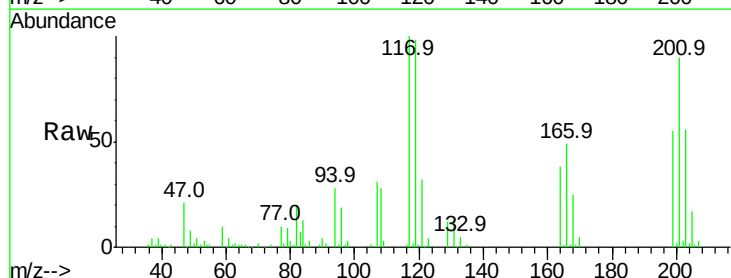
Instrument :
BNA_F
ClientSampleId :

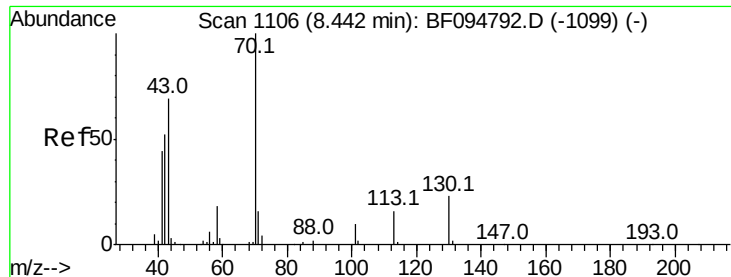
Tot Ion:107 Resp: 197338
Ion Ratio Lower Upper
107 100
108 112.0 93.4 140.0
77 64.7 35.8 53.6#
79 59.3 34.8 52.2#



#18
Hexachloroethane
Concen: 41.67 ng
RT: 8.50 min Scan# 1116
Delta R.T. -0.02 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

Tgt Ion:117 Resp: 95845
Ion Ratio Lower Upper
117 100
119 97.6 77.4 116.0
201 90.0 94.6 141.8#

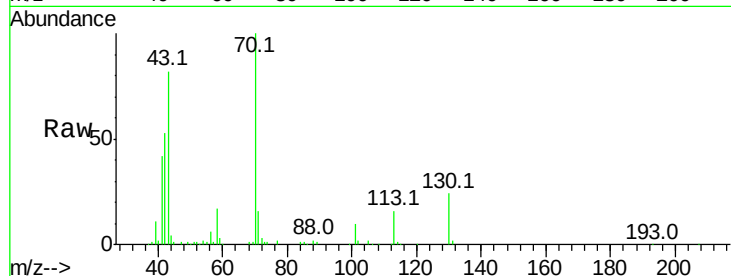




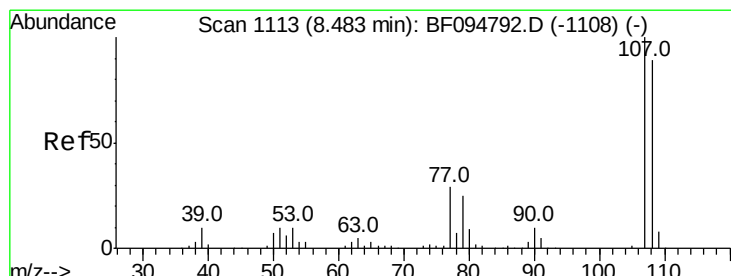
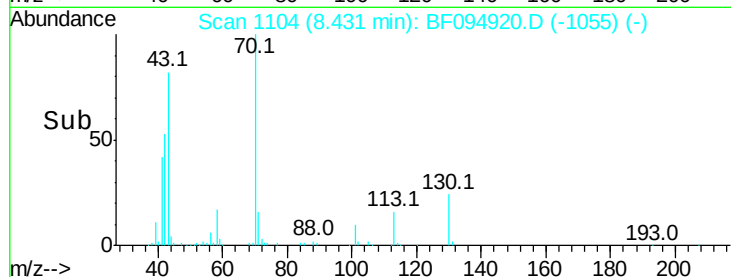
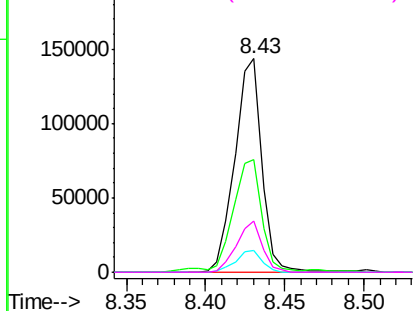
#19
 n-Nitroso-di-n-propylamine
 Concen: 40.39 ng
 RT: 8.43 min Scan# 1104
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 70 Resp: 169993
 Ion Ratio Lower Upper
 70 100
 42 52.6 47.2 70.8
 101 10.4 7.2 10.8
 130 23.9 15.9 23.9

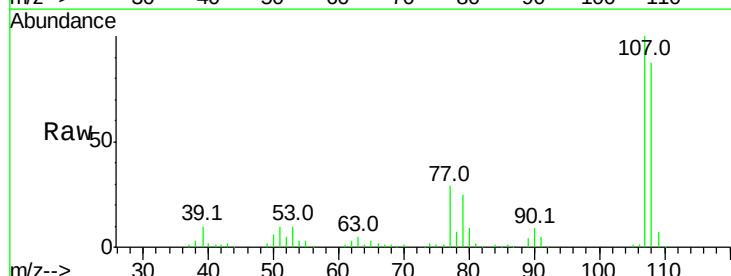


Abundance Ion 70.00 (69.70 to 70.70): BF0
 Ion 42.00 (41.70 to 42.70): BF0
 Ion 101.00 (100.70 to 101.70): E
 Ion 130.00 (129.70 to 130.70): E

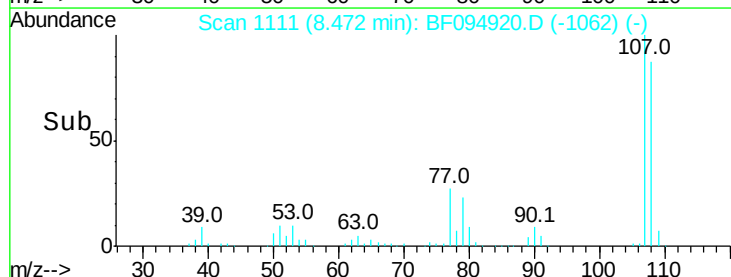
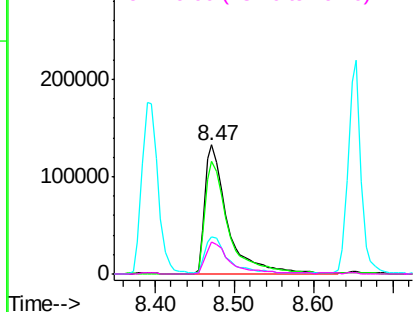


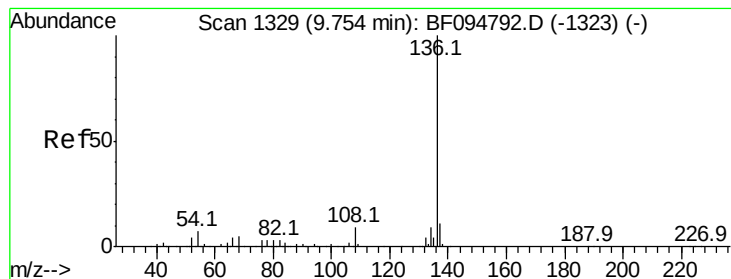
#20
 3+4-Methylphenols
 Concen: 40.68 ng
 RT: 8.47 min Scan# 1111
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Tgt Ion:107 Resp: 267007
 Ion Ratio Lower Upper
 107 100
 108 87.0 71.0 111.0
 77 29.0 90.5 130.5#
 79 25.1 8.4 48.4



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





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.74 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 361063

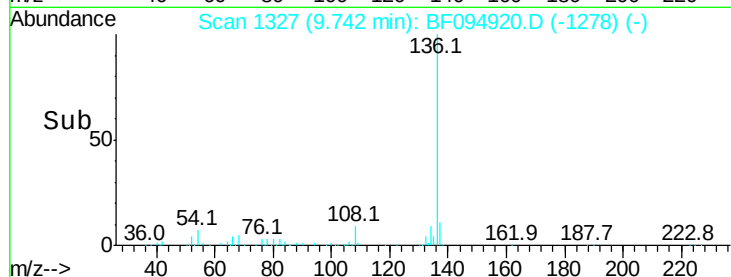
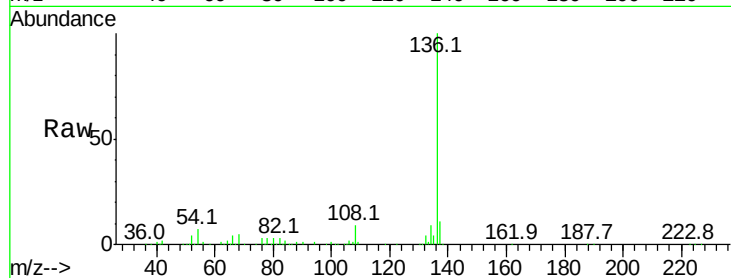
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.1 4.9 7.3

68 5.0 4.1 6.1

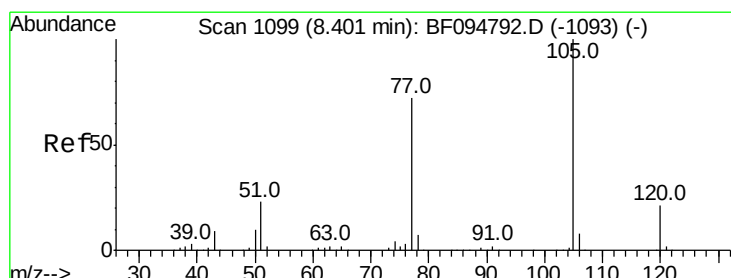
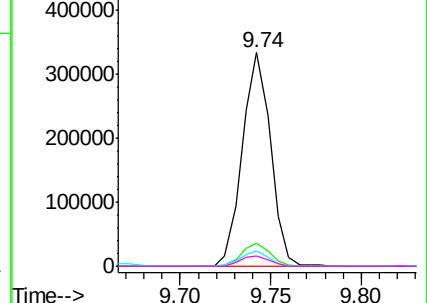


Abundance Ion 136.00 (135.70 to 136.70): E

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: 40.97 ng

RT: 8.40 min Scan# 1098

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Tgt Ion:105 Resp: 354907

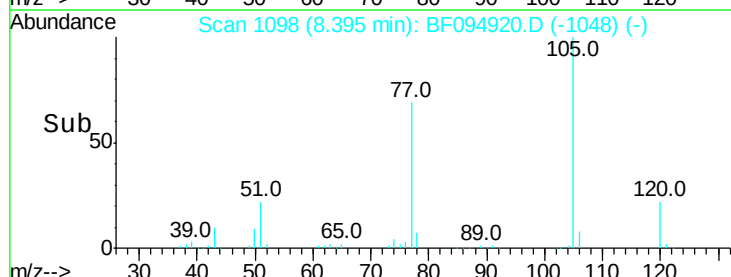
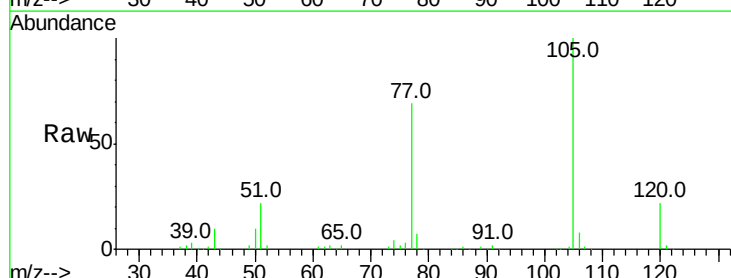
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.2 30.7 46.1#

120 21.8 17.4 26.0

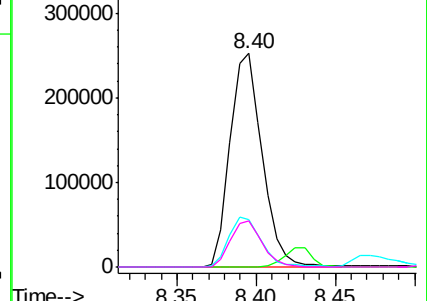


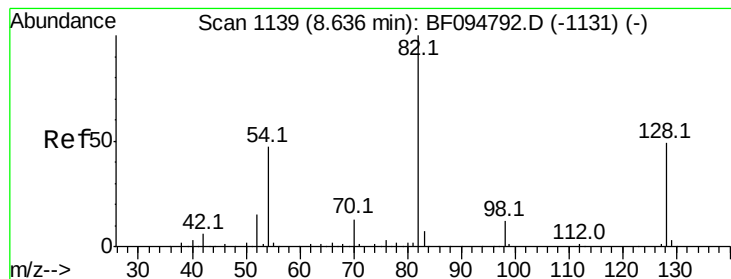
Abundance Ion 105.00 (104.70 to 105.70): E

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: 80.46 ng

RT: 8.62 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampled :

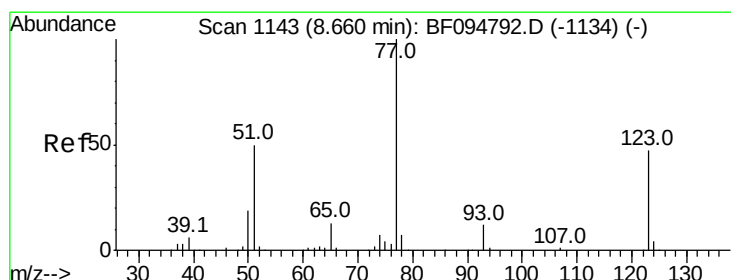
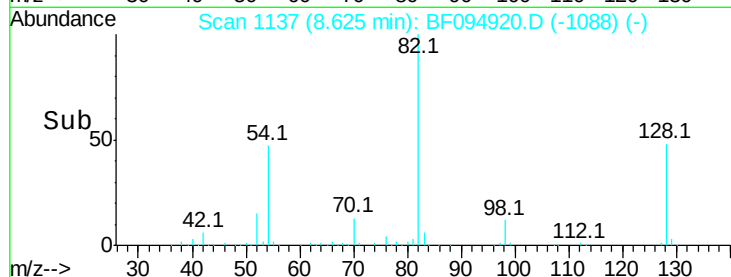
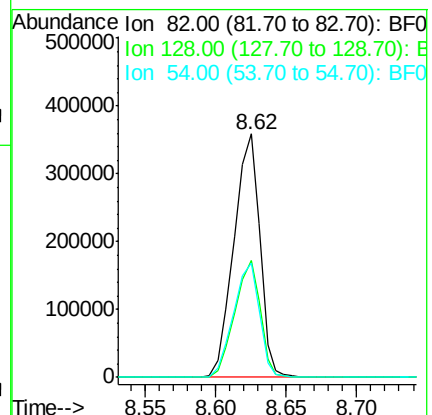
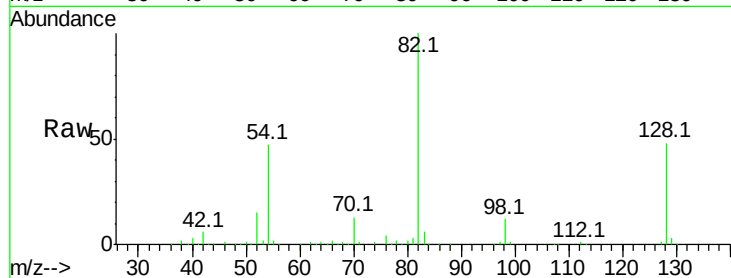
Tot Ion: 82 Resp: 460713

Ion Ratio Lower Upper

82 100

128 47.9 34.0 51.0

54 47.1 42.2 63.2



#24

Nitrobenzene

Concen: 40.55 ng

RT: 8.65 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

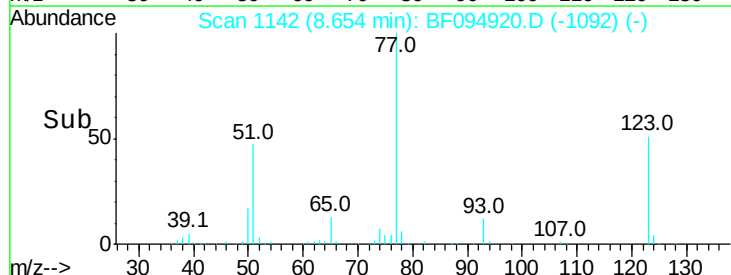
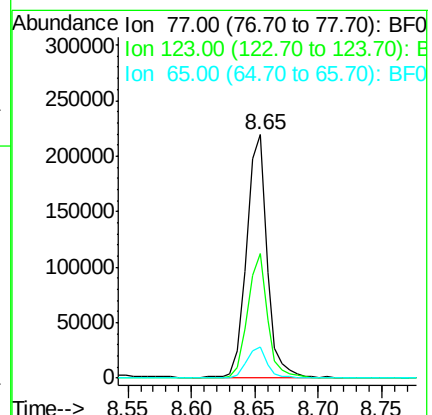
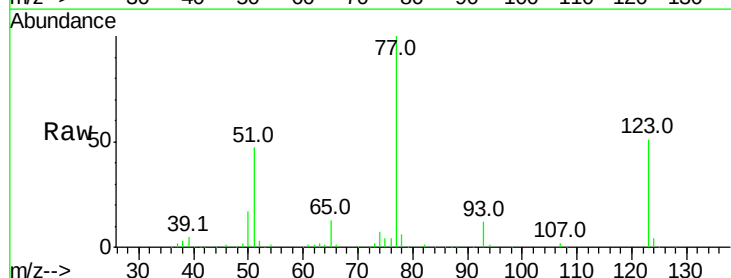
Tgt Ion: 77 Resp: 243392

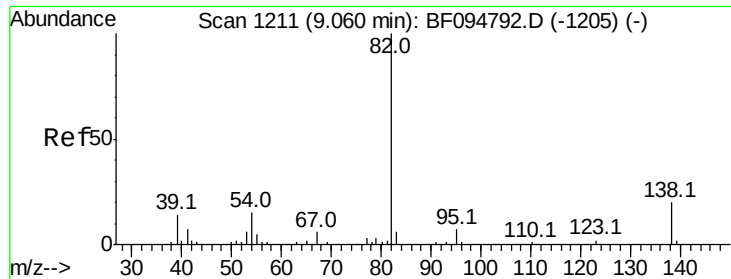
Ion Ratio Lower Upper

77 100

123 51.1 35.8 53.8

65 13.0 10.6 15.8





#25

Isophorone

Concen: 42.35 ng

RT: 9.05 min Scan# 1210

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampleId :

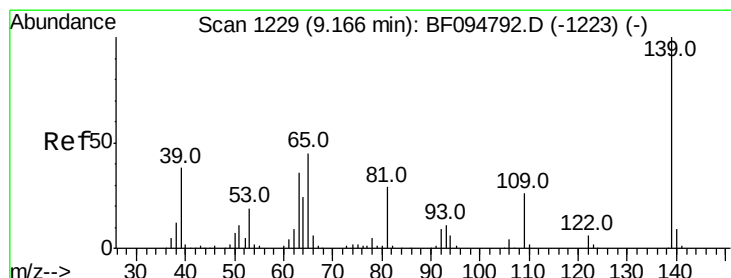
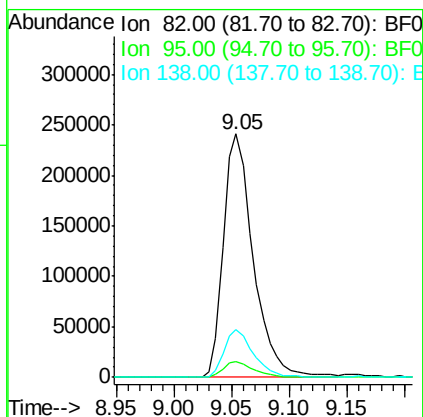
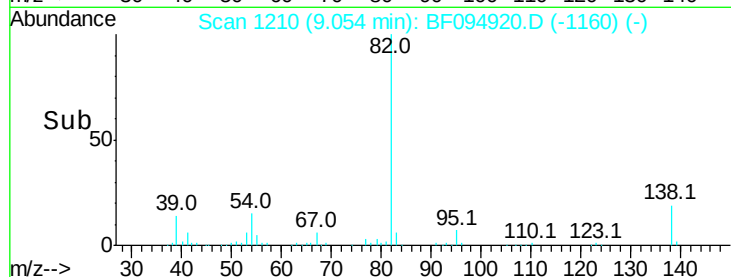
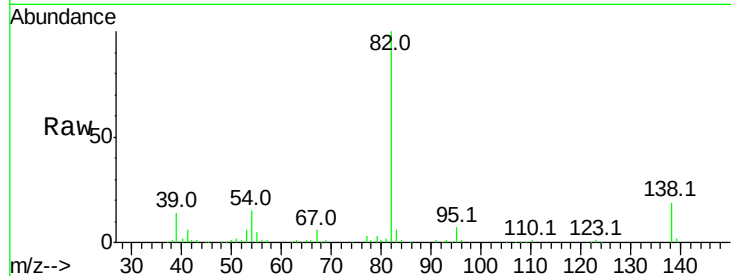
Tot Ion: 82 Resp: 433041

Ion Ratio Lower Upper

82 100

95 6.7 5.3 7.9

138 19.5 13.1 19.7



#26

2-Nitrophenol

Concen: 42.03 ng

RT: 9.16 min Scan# 1228

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

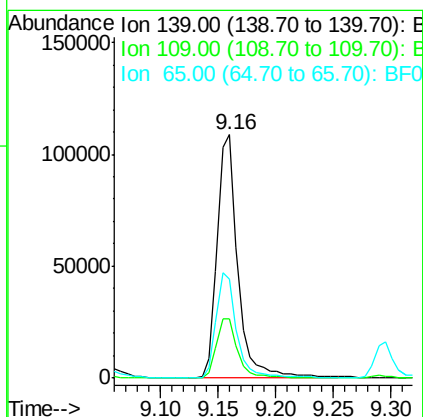
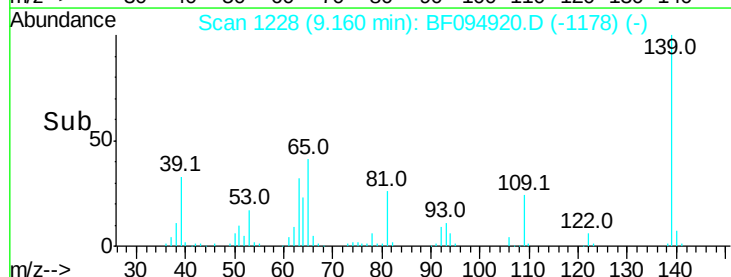
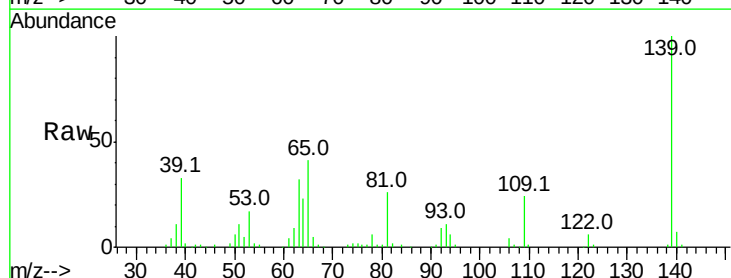
Tgt Ion:139 Resp: 136118

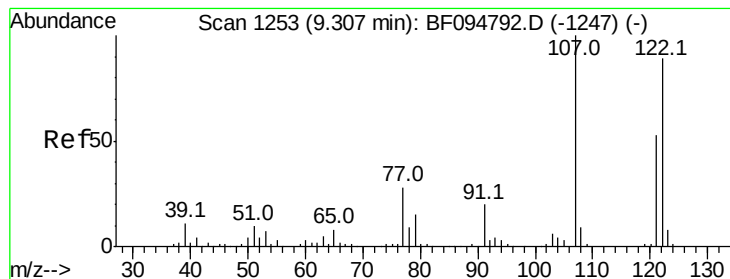
Ion Ratio Lower Upper

139 100

109 24.2 21.0 31.6

65 40.6 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 40.59 ng

RT: 9.30 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampled :

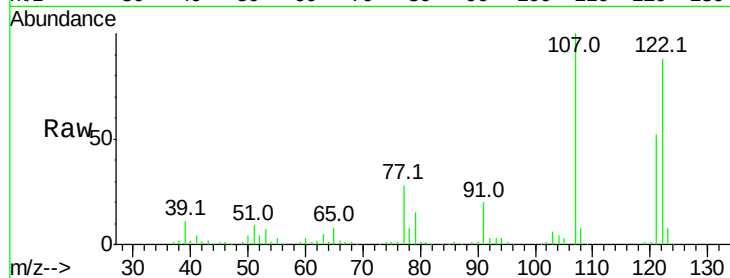
Tot Ion:122 Resp: 212520

Ion Ratio Lower Upper

122 100

107 113.9 89.2 133.8

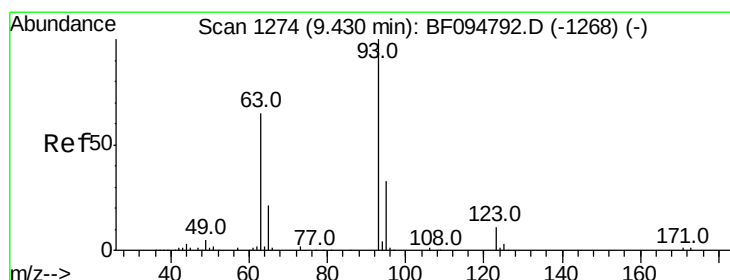
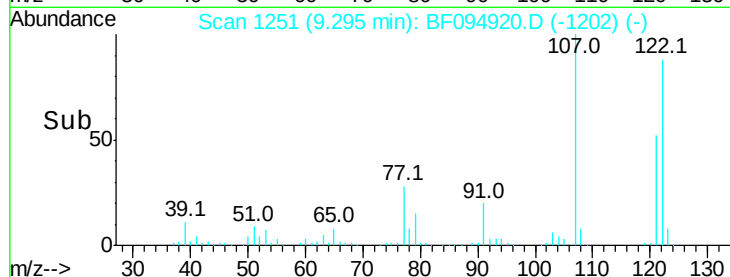
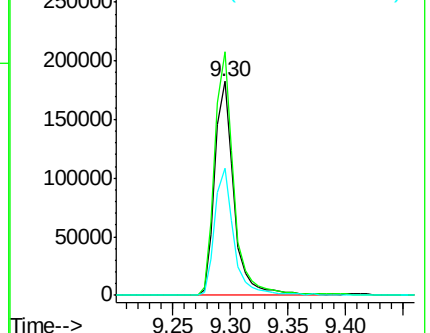
121 59.3 45.2 67.8



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.39 ng

RT: 9.42 min Scan# 1272

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

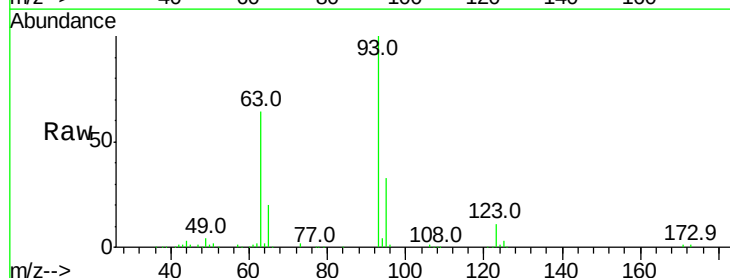
Tgt Ion: 93 Resp: 278606

Ion Ratio Lower Upper

93 100

95 33.1 26.5 39.7

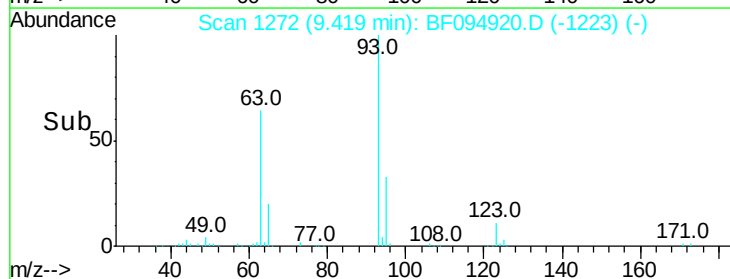
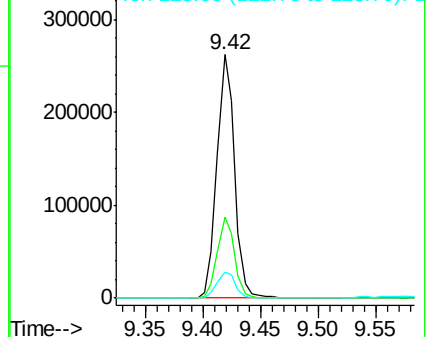
123 10.7 9.0 13.4

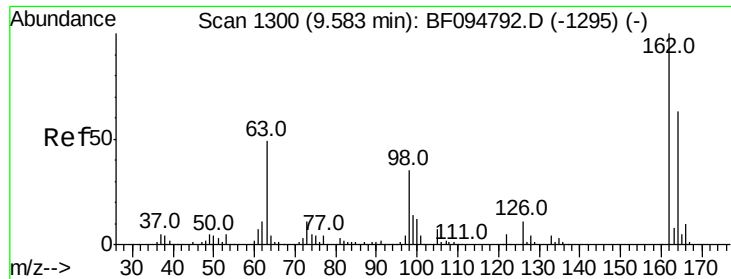


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

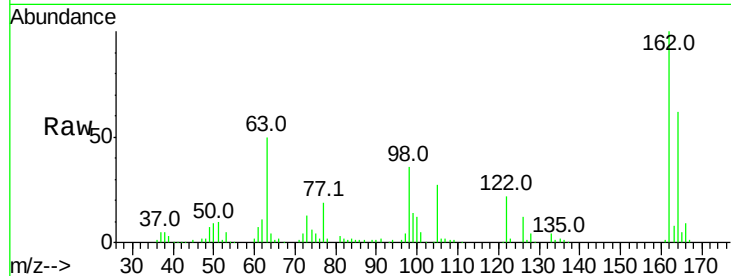




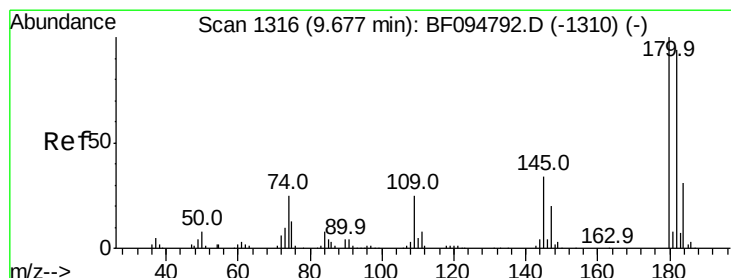
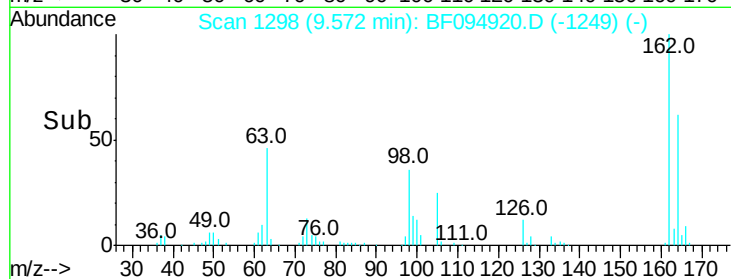
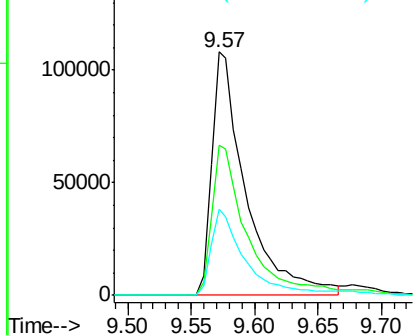
#29
 2,4-Dichlorophenol
 Concen: 41.13 ng
 RT: 9.57 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	44.6	84.6
98	35.6	14.8	54.8

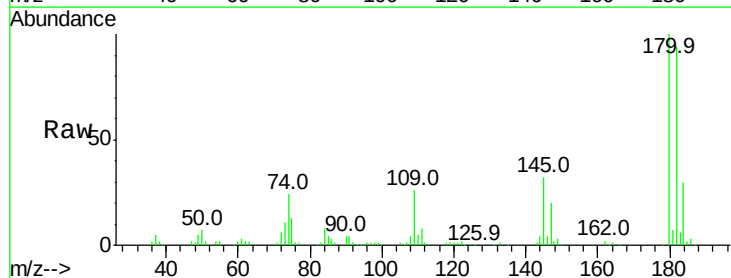


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

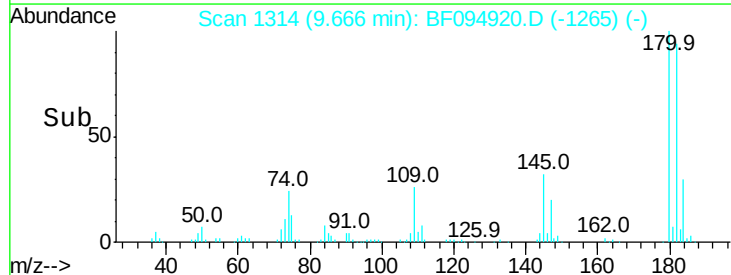
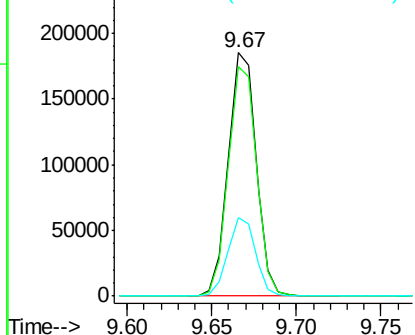


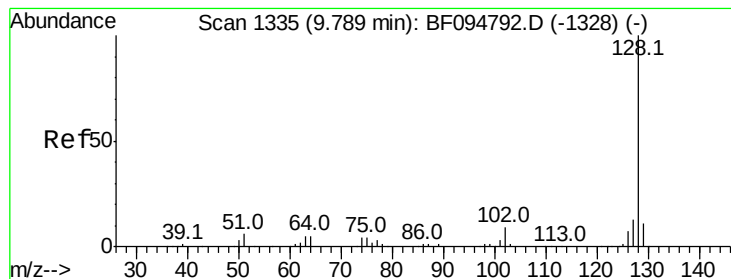
#30
 1,2,4-Trichlorobenzene
 Concen: 40.33 ng
 RT: 9.67 min Scan# 1314
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.1	75.8	113.6
145	32.3	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: 39.45 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampleId :

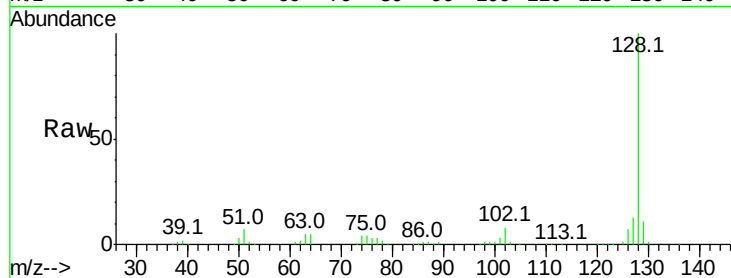
Tot Ion:128 Resp: 715920

Ion Ratio Lower Upper

128 100

129 10.6 9.0 13.6

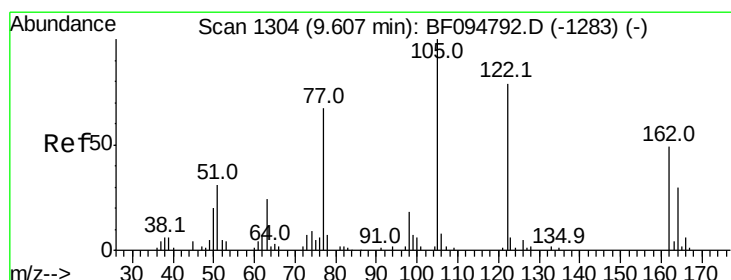
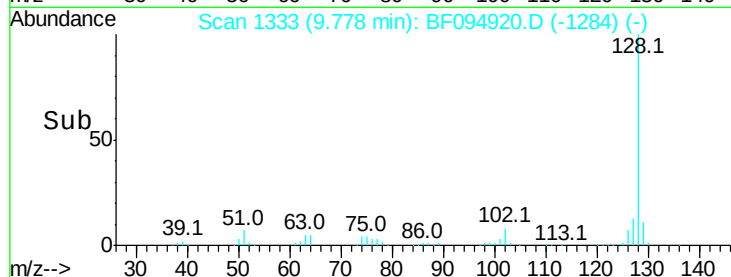
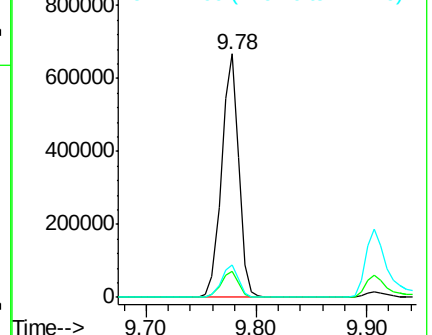
127 13.4 10.8 16.2



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: 37.38 ng

RT: 9.60 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

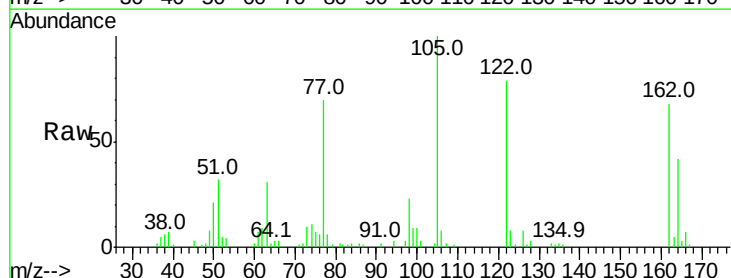
Tgt Ion:122 Resp: 124193

Ion Ratio Lower Upper

122 100

105 126.9 103.3 143.3

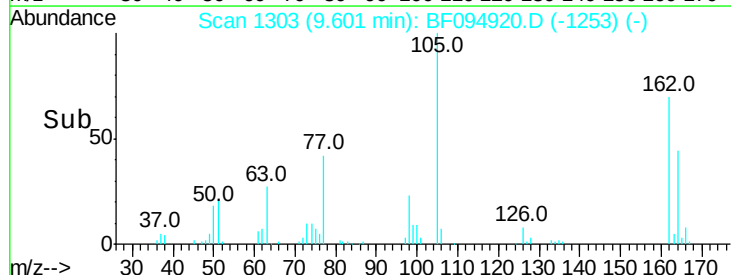
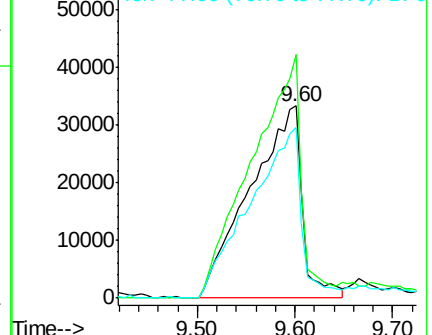
77 88.7 73.7 113.7

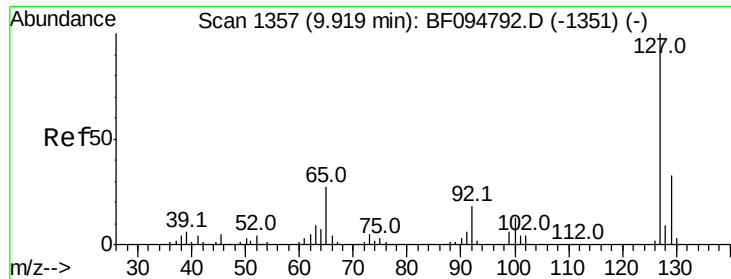


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

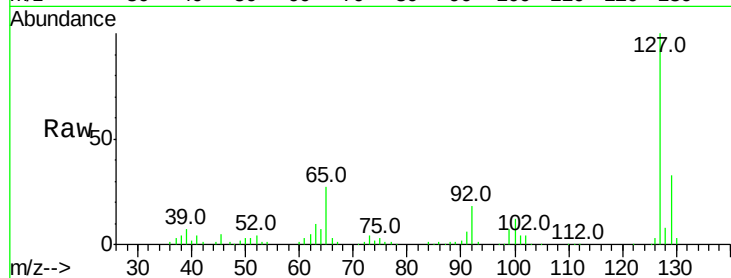




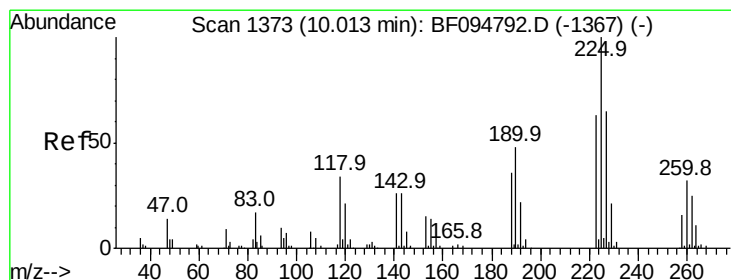
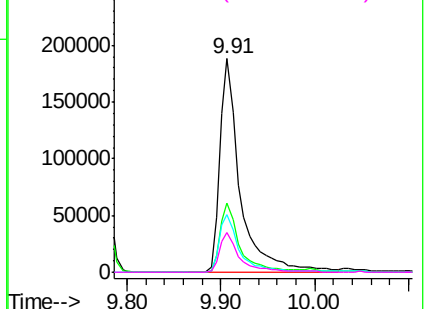
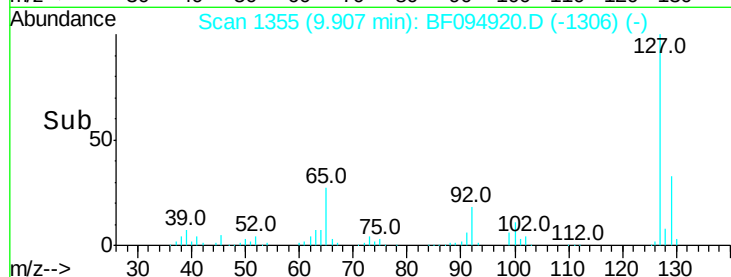
#33
4-Chloroaniline
Concen: 42.09 ng
RT: 9.91 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	284610
Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.2	39.2
65	27.1	27.8	41.8#
92	18.4	16.8	25.2

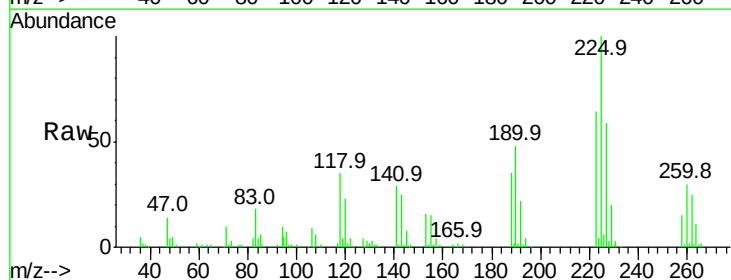


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

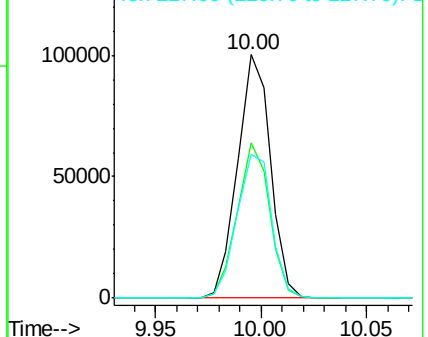
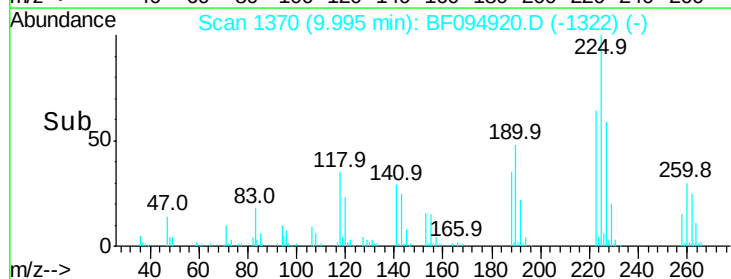


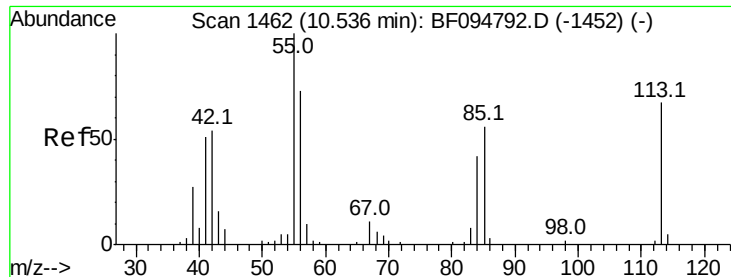
#34
Hexachlorobutadiene
Concen: 38.85 ng
RT: 10.00 min Scan# 1370
Delta R.T. -0.02 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

Tgt Ion:	225	Resp:	108587
Ion	Ratio	Lower	Upper
225	100		
223	63.8	48.8	73.2
227	59.2	51.1	76.7



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





#35

Caprolactam

Concen: 8.65 ng

RT: 10.57 min Scan# 1468

Delta R.T. 0.04 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampled :

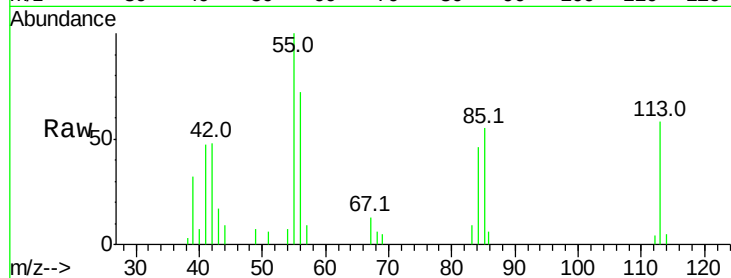
Tot Ion:113 Resp: 12837

Ion Ratio Lower Upper

113 100

55 171.3 150.2 190.2

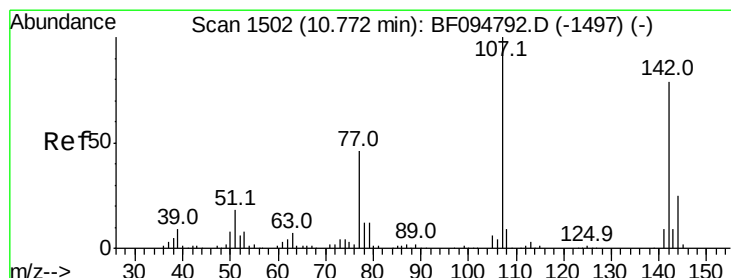
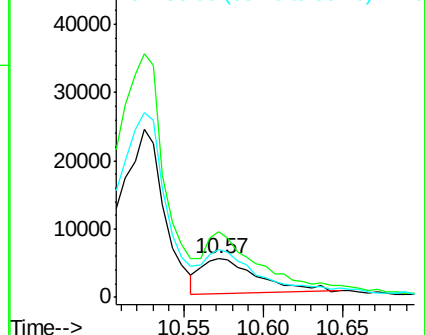
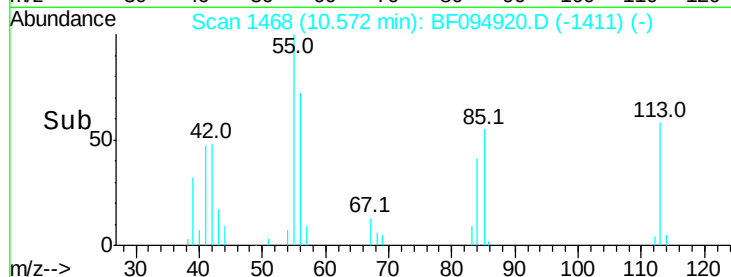
56 122.6 107.8 147.8



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: 42.65 ng

RT: 10.76 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

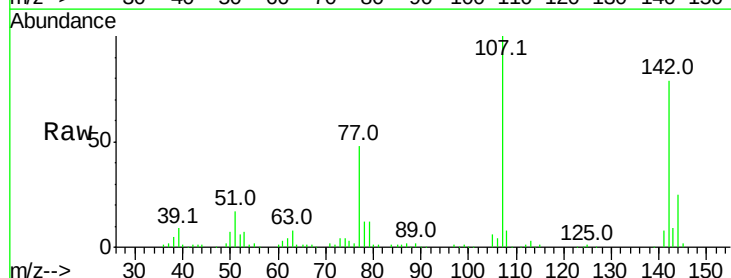
Tgt Ion:107 Resp: 225463

Ion Ratio Lower Upper

107 100

144 25.5 24.2 36.4

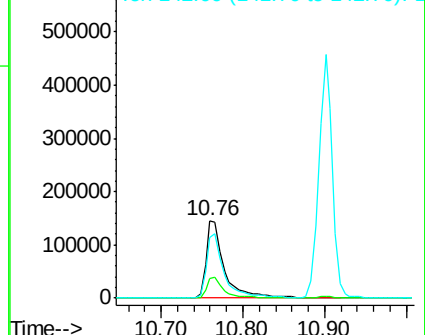
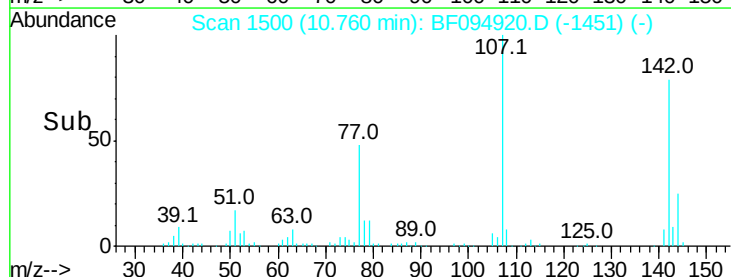
142 78.5 73.4 110.0

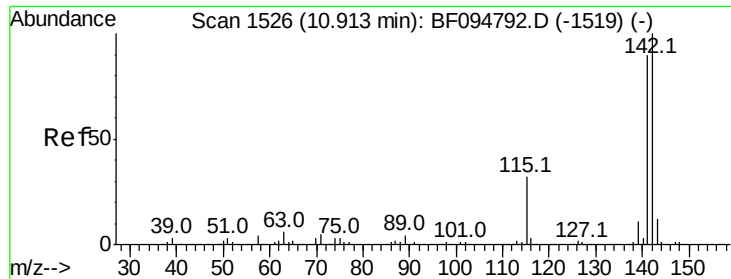


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

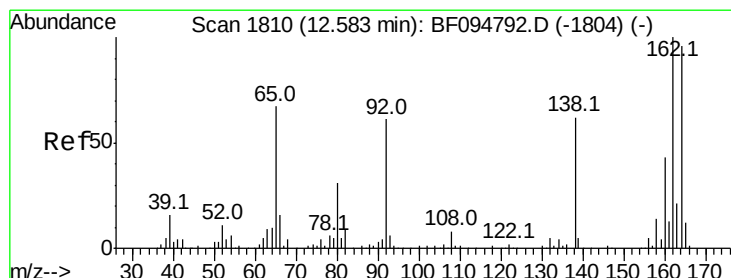
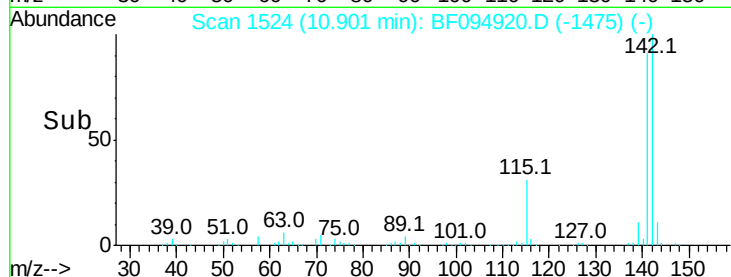
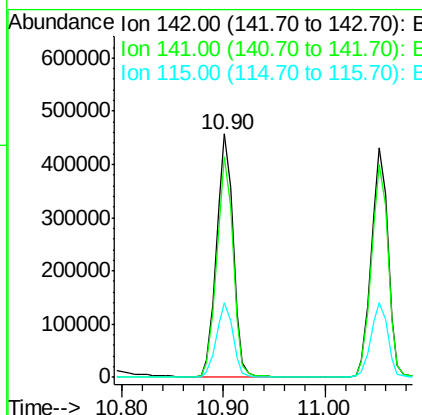
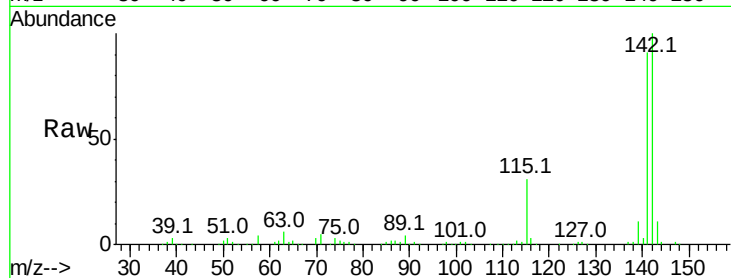




#37
2-Methylnaphthalene
Concen: 44.03 ng
RT: 10.90 min Scan# 1524
Delta R.T. -0.01 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

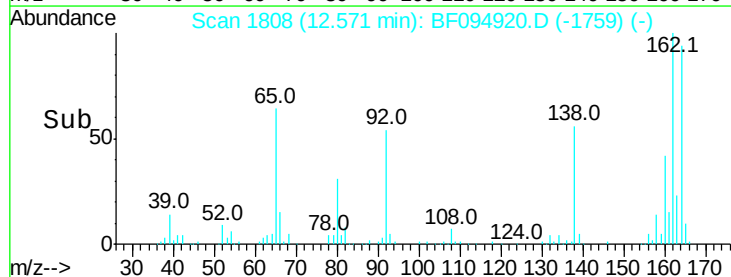
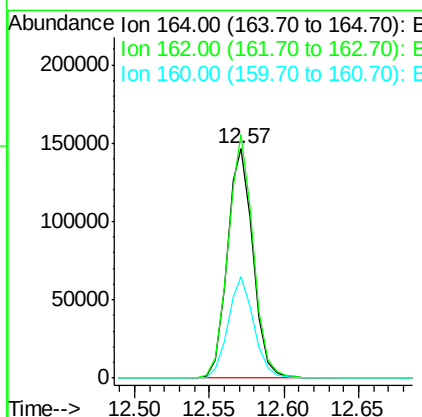
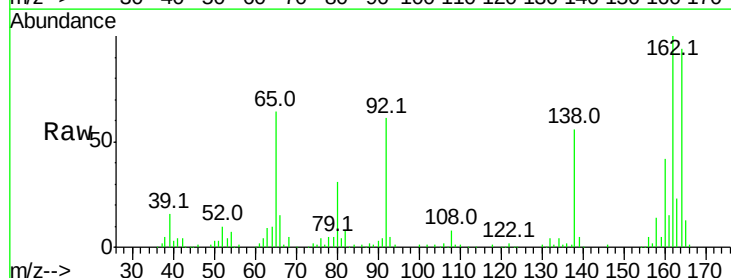
Instrument :
BNA_F
ClientSampleId :

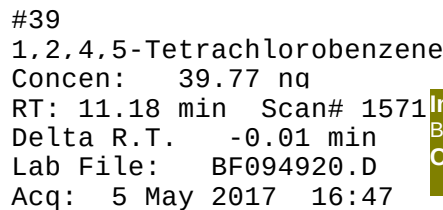
Tot Ion:142 Resp: 524346
Ion Ratio Lower Upper
142 100
141 90.5 71.3 106.9
115 30.6 27.1 40.7



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.57 min Scan# 1808
Delta R.T. -0.01 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

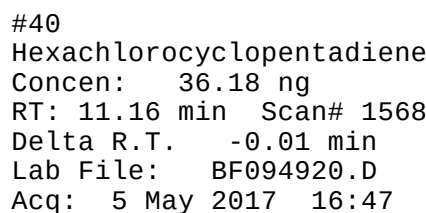
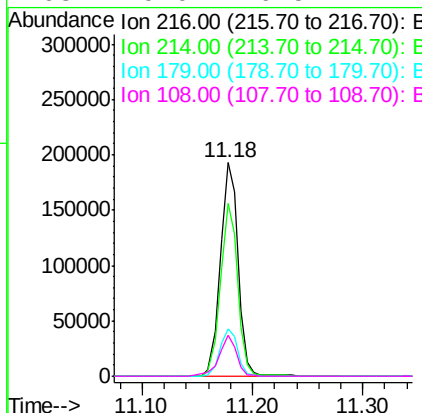
Tgt Ion:164 Resp: 176791
Ion Ratio Lower Upper
164 100
162 106.3 82.6 123.8
160 44.2 36.2 54.2



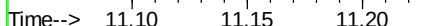
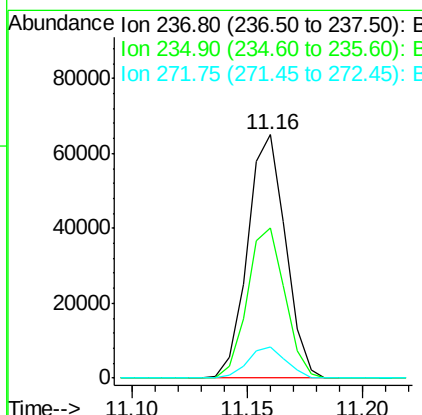


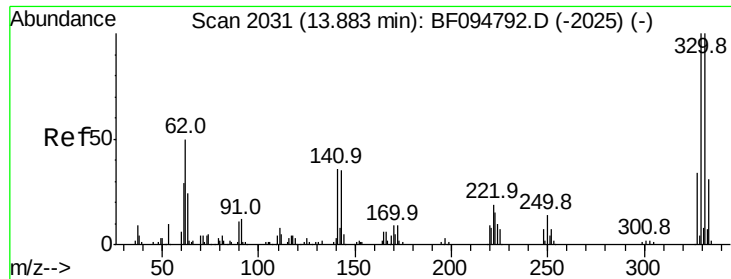
Instrument :
BNA_F
ClientSampleId :

Tot Ion	216 Ratio	Resp: Lower	216240 Upper
216	100		
214	78.8	63.4	95.2
179	22.0	17.9	26.9
108	19.0	16.5	24.7



Tgt	Ion:237	Resp:	74480
Ion	Ratio	Lower	Upper
237	100		
235	61.6	42.6	82.6
272	12.5	0.0	31.9

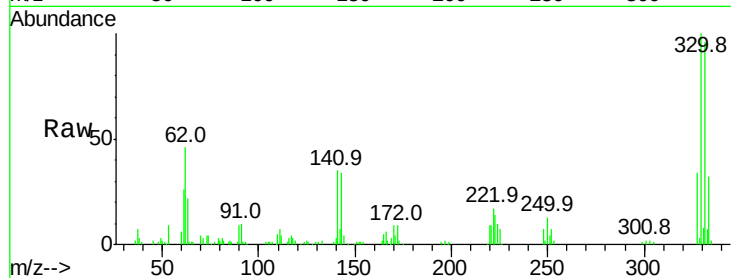




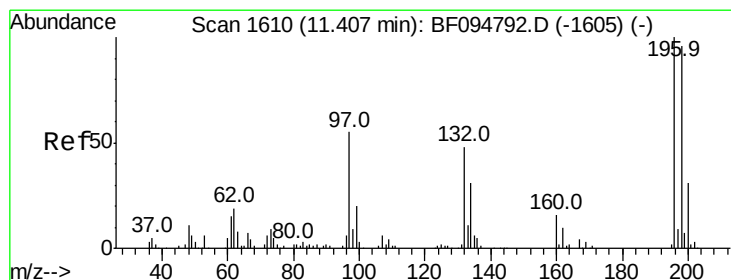
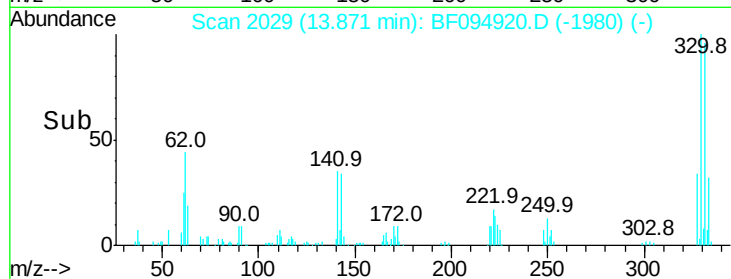
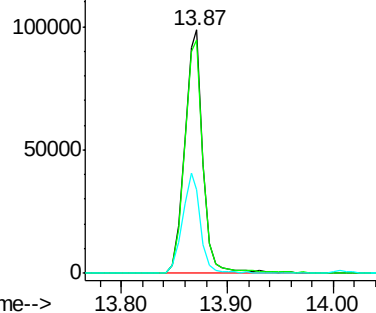
#41
 2,4,6-Tribromophenol
 Concen: 82.95 ng
 RT: 13.87 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	115.0
141	40.7	31.4	47.2

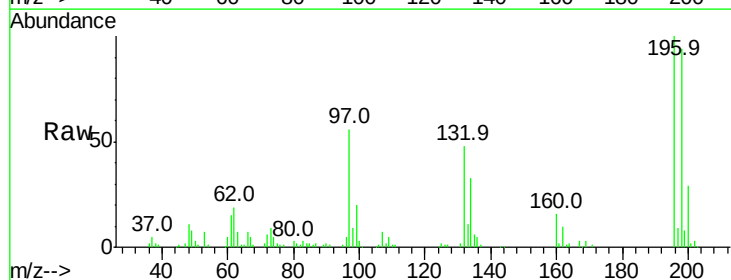


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

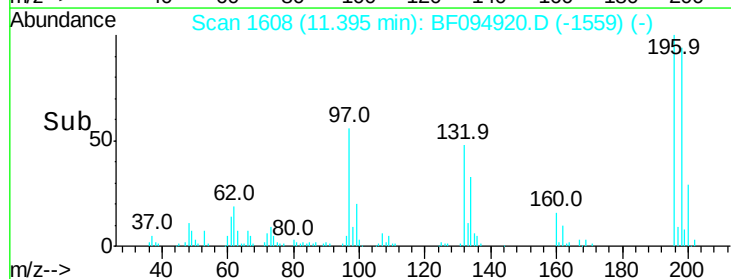
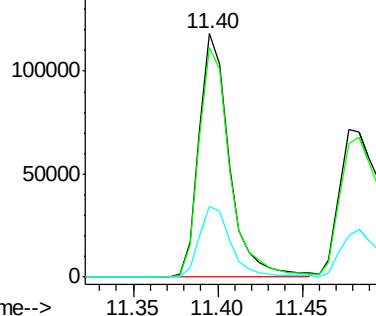


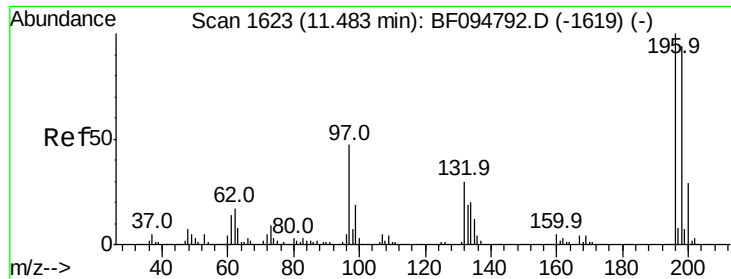
#42
 2,4,6-Trichlorophenol
 Concen: 40.78 ng
 RT: 11.40 min Scan# 1608
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.5	74.2	111.4
200	29.3	24.0	36.0



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

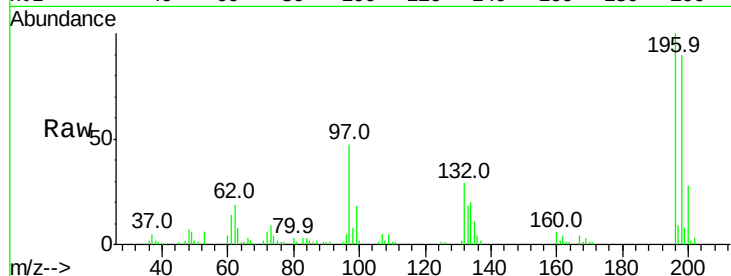




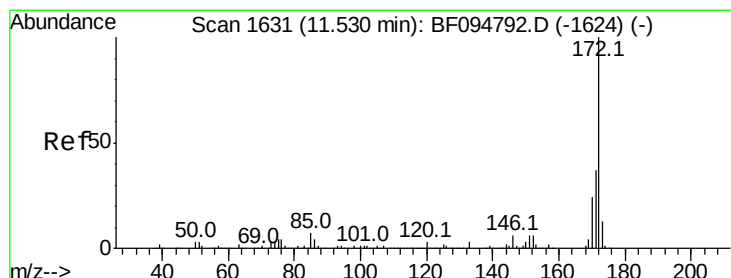
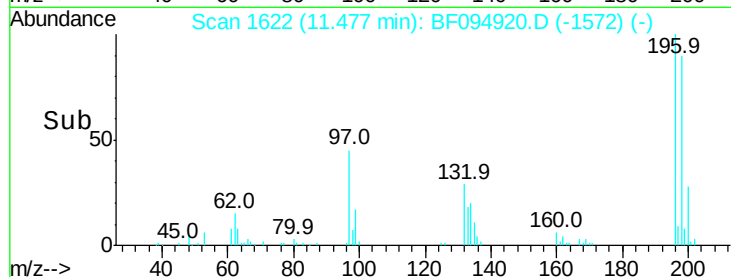
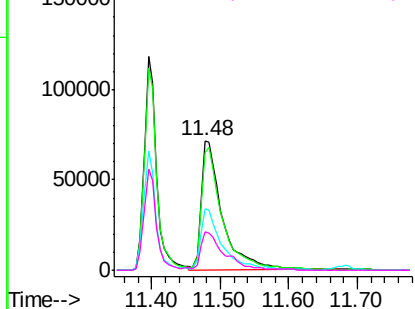
#43
 2,4,5-Trichlorophenol
 Concen: 39.99 ng
 RT: 11.48 min Scan# 1622
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 156024
 Ion Ratio Lower Upper
 196 100
 198 90.2 75.7 113.5
 97 47.4 47.7 71.5#
 132 29.5 28.0 42.0

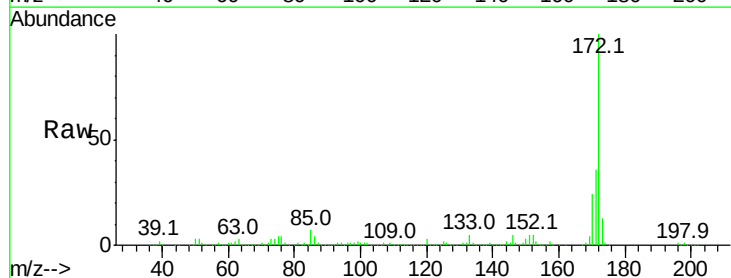


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

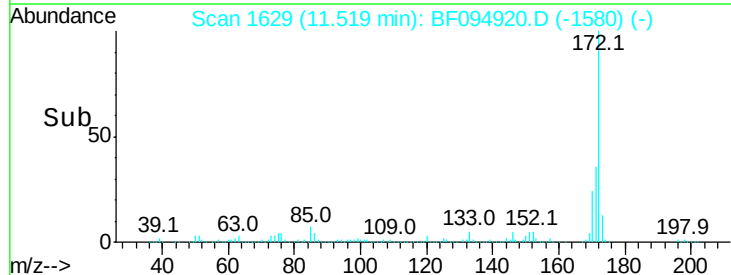
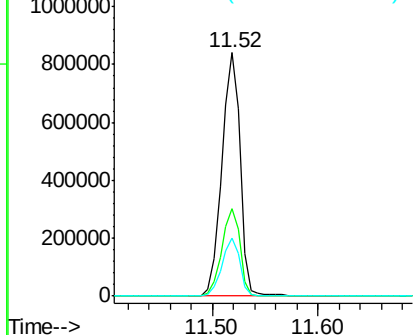


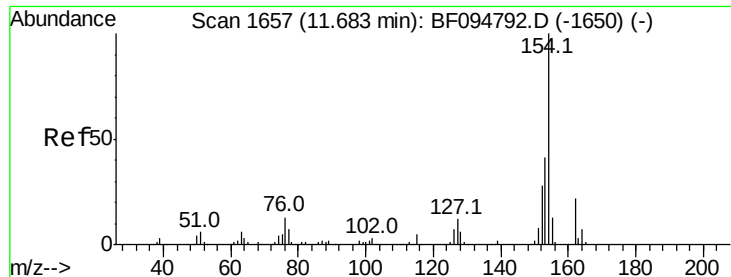
#44
 2-Fluorobiphenyl
 Concen: 83.10 ng
 RT: 11.52 min Scan# 1629
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Tgt Ion:172 Resp: 1020653
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.9 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

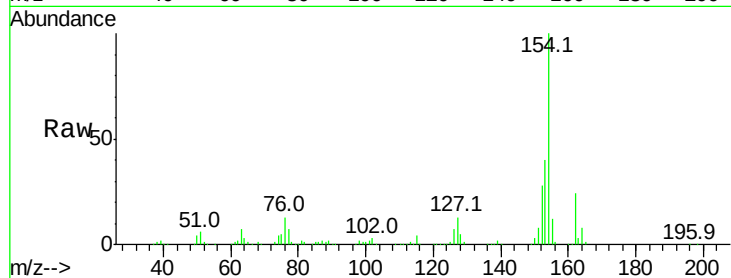




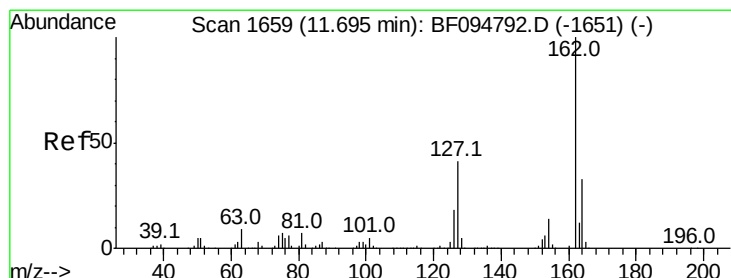
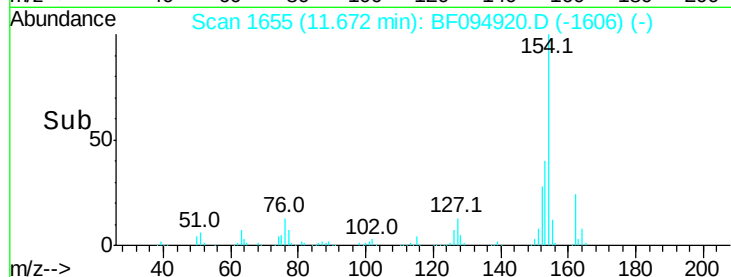
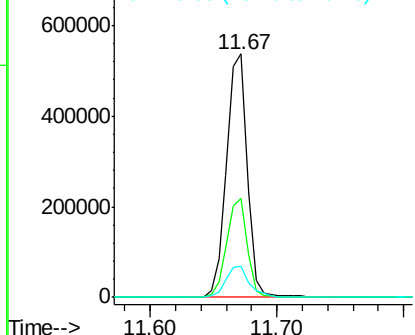
#45
 1,1'-Biphenyl
 Concen: 40.97 ng
 RT: 11.67 min Scan# 1655
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.4	21.2	61.2
76	12.7	0.0	29.9

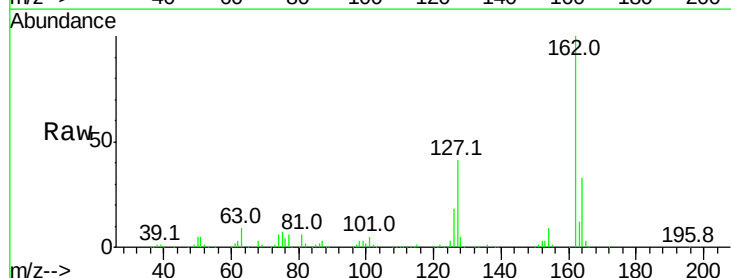


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

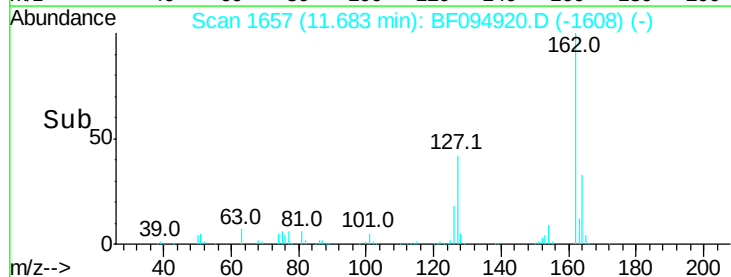
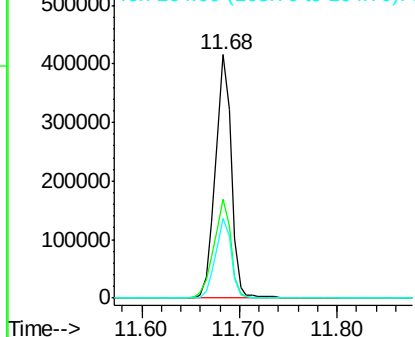


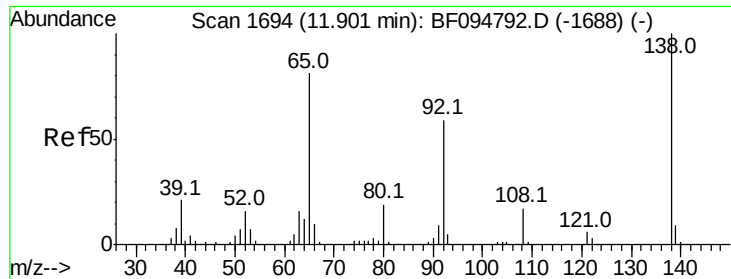
#46
 2-Chloronaphthalene
 Concen: 39.45 ng
 RT: 11.68 min Scan# 1657
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.5	28.3	42.5
164	32.9	27.0	40.4



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





#47

2-Nitroaniline

Concen: 40.63 ng

RT: 11.90 min Scan# 1693

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampleId :

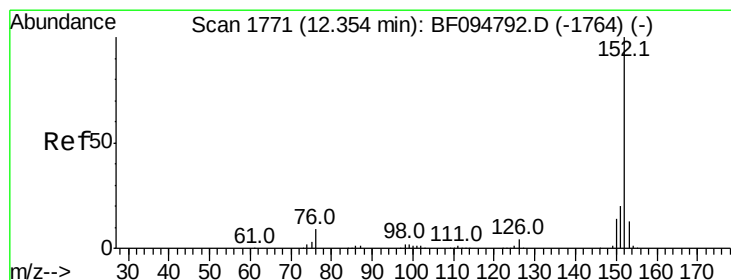
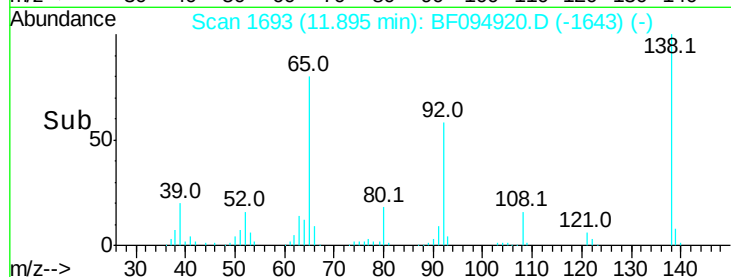
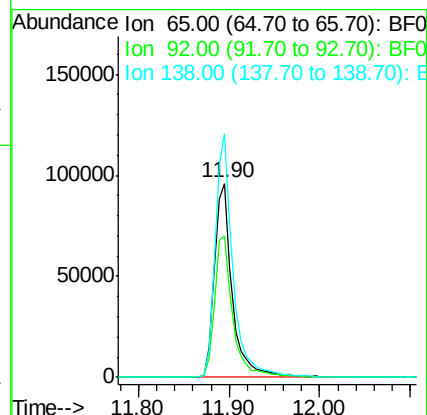
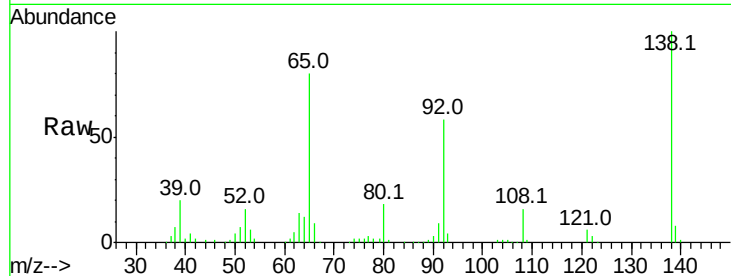
Tot Ion: 65 Resp: 133666

Ion Ratio Lower Upper

65 100

92 72.8 53.9 80.9

138 125.7 78.8 118.2#



#48

Acenaphthylene

Concen: 40.49 ng

RT: 12.34 min Scan# 1769

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

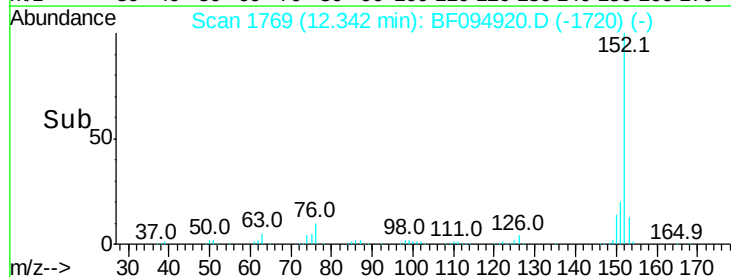
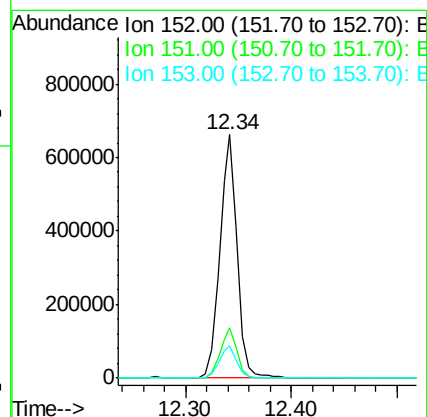
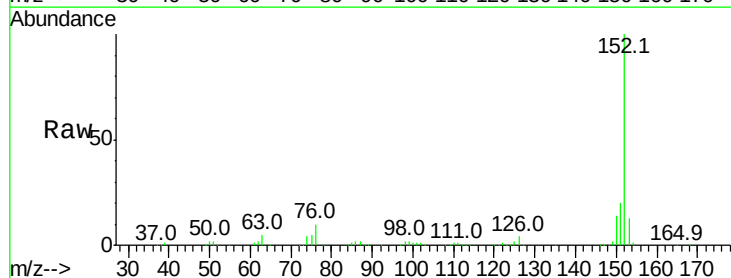
Tgt Ion: 152 Resp: 762287

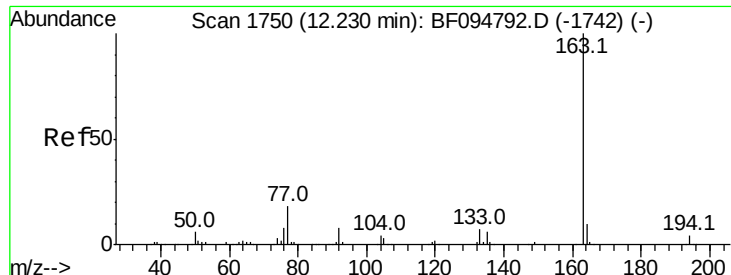
Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 37.95 ng

RT: 12.21 min Scan# 1747

Delta R.T. -0.02 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampled :

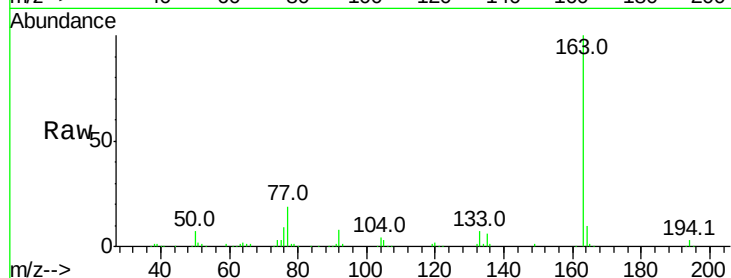
Tot Ion:163 Resp: 550740

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

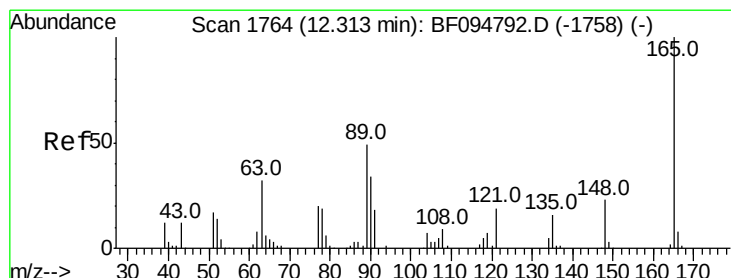
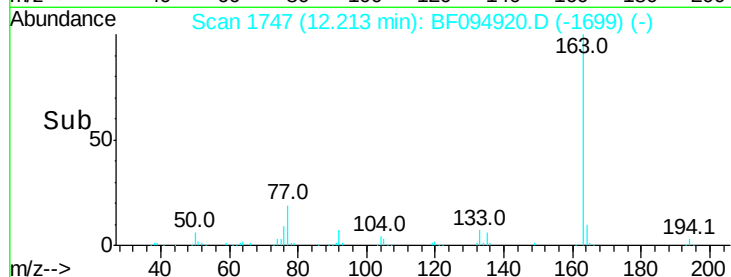
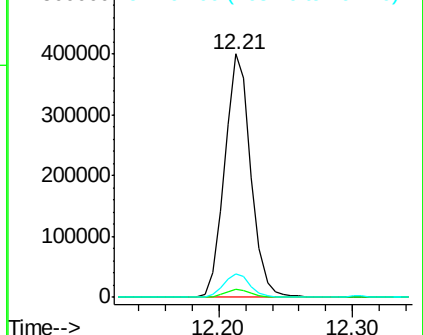
164 9.8 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 41.40 ng

RT: 12.30 min Scan# 1762

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

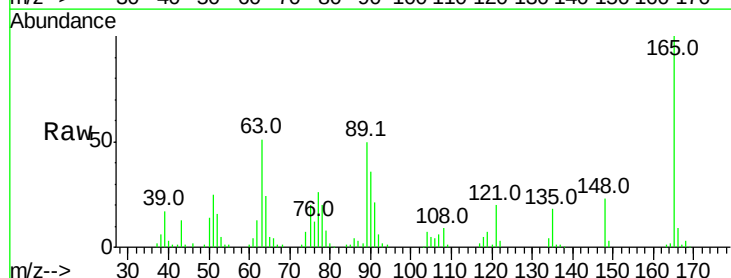
Tgt Ion:165 Resp: 122597

Ion Ratio Lower Upper

165 100

63 51.4 34.3 51.5

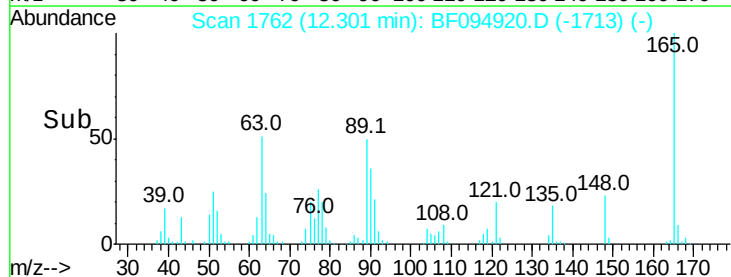
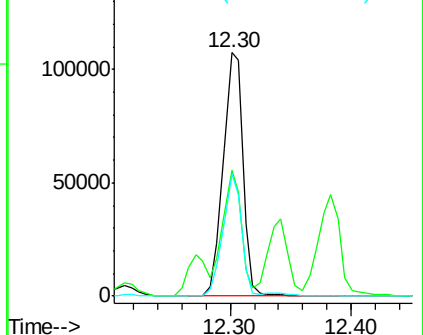
89 50.1 37.1 55.7

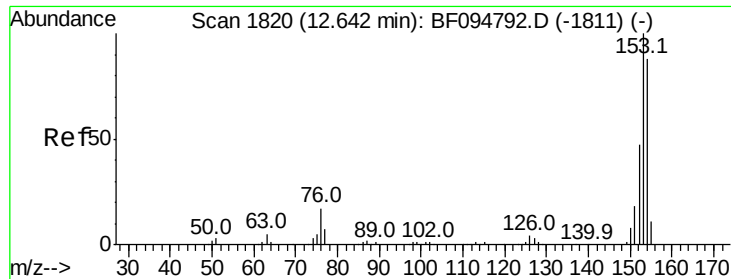


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 39.05 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampled :

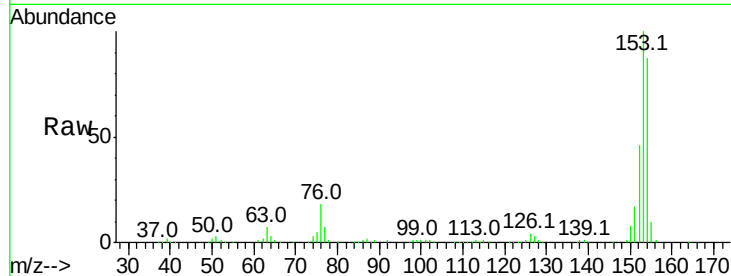
Tot Ion:154 Resp: 439059

Ion Ratio Lower Upper

154 100

153 115.5 90.5 135.7

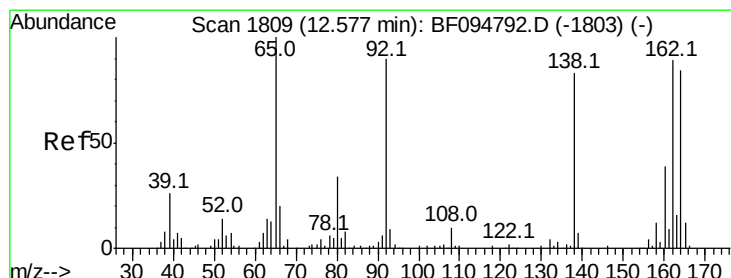
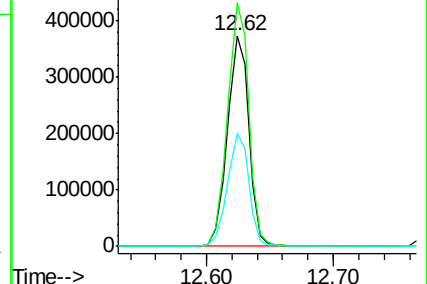
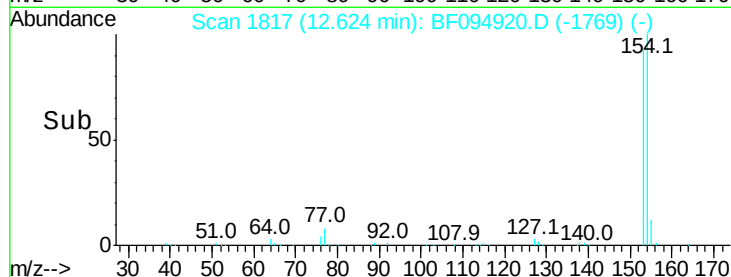
152 53.7 43.6 65.4



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: 40.86 ng

RT: 12.57 min Scan# 1808

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

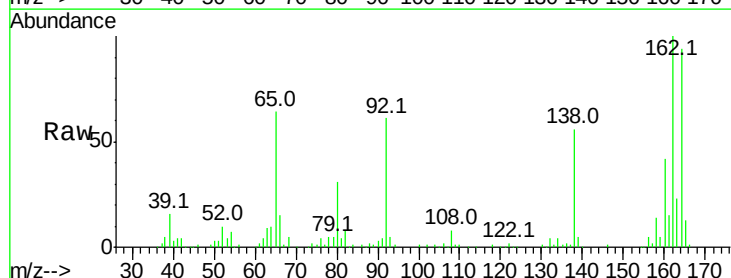
Tgt Ion:138 Resp: 129864

Ion Ratio Lower Upper

138 100

108 13.8 9.1 13.7#

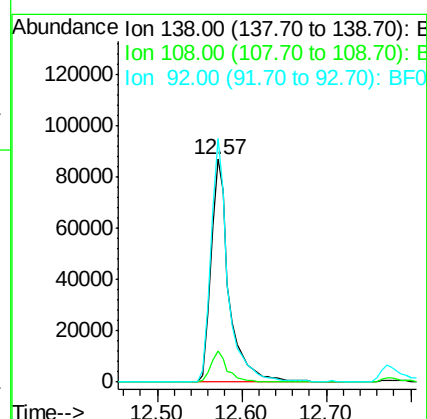
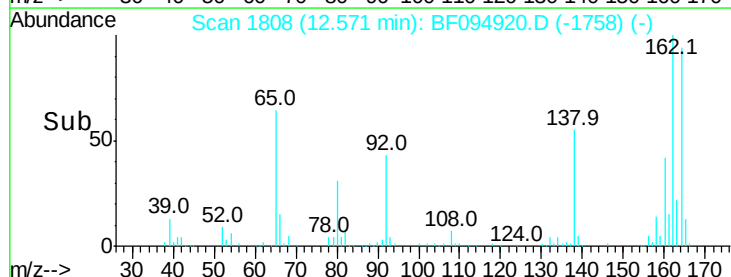
92 109.2 93.8 140.6

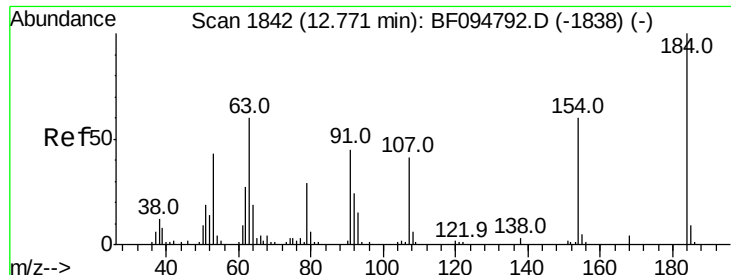


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

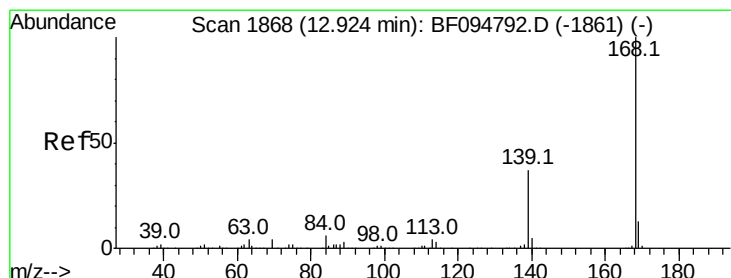
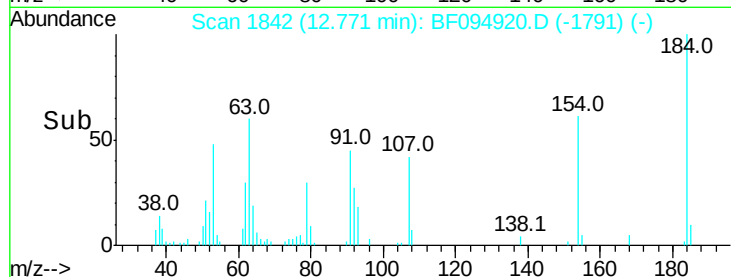
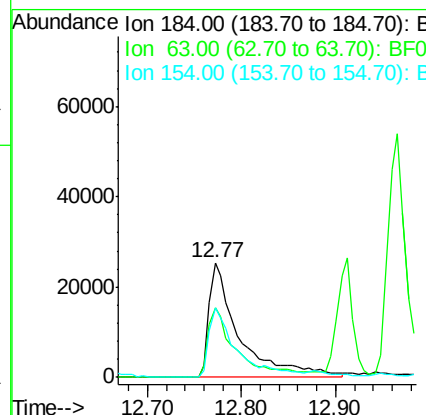
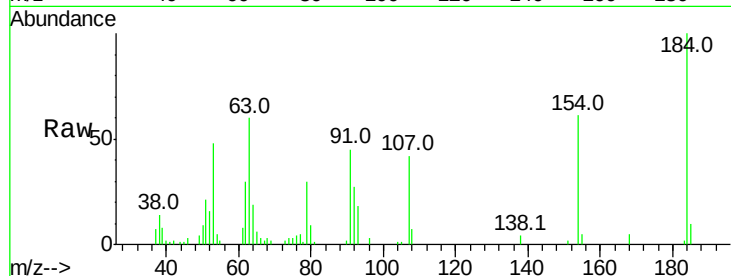




#53
 2,4-Dinitrophenol
 Concen: 38.32 ng
 RT: 12.77 min Scan# 1842
 Delta R.T. 0.00 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

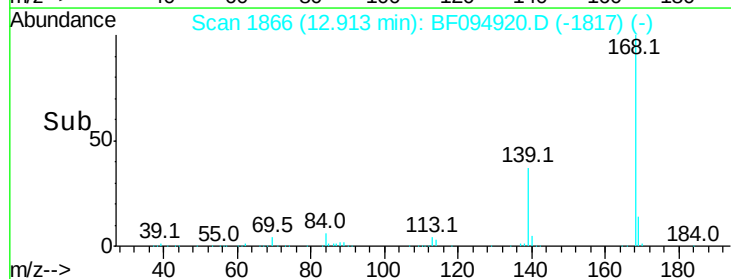
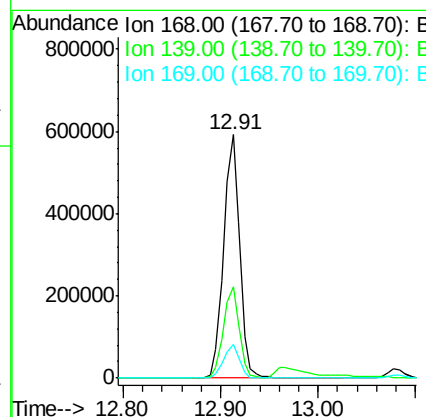
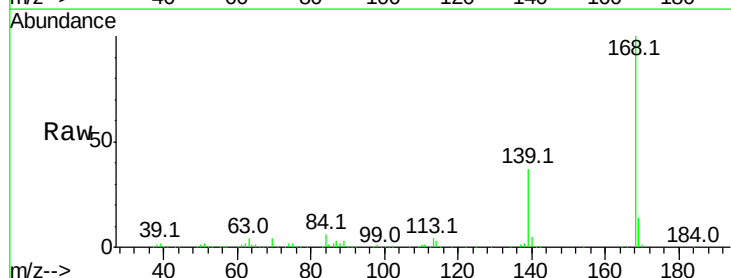
Instrument :
 BNA_F
 ClientSampled :

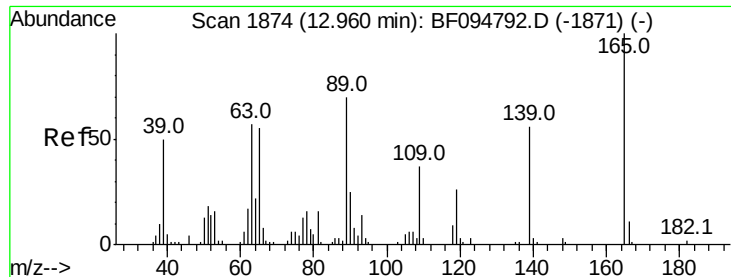
Tot Ion:184 Resp: 56729
 Ion Ratio Lower Upper
 184 100
 63 60.5 62.7 94.1#
 154 61.1 81.1 121.7#



#54
 Dibenzofuran
 Concen: 43.61 ng
 RT: 12.91 min Scan# 1866
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Tgt Ion:168 Resp: 678545
 Ion Ratio Lower Upper
 168 100
 139 37.3 30.6 45.8
 169 13.7 10.8 16.2

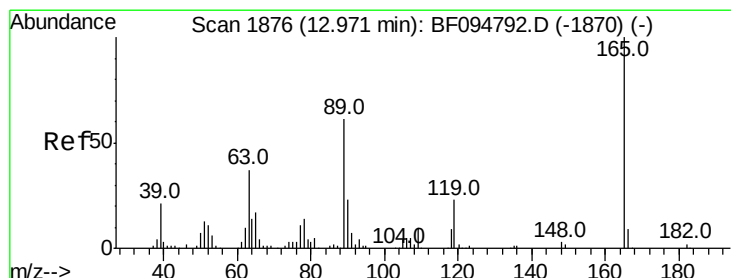
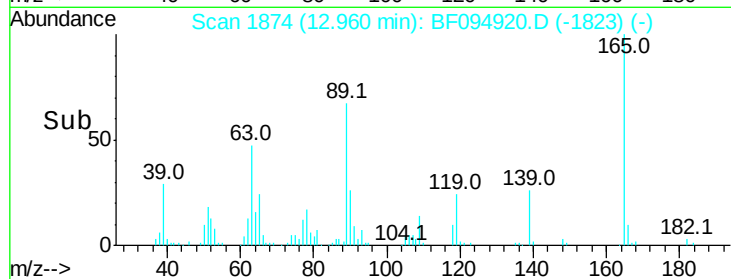
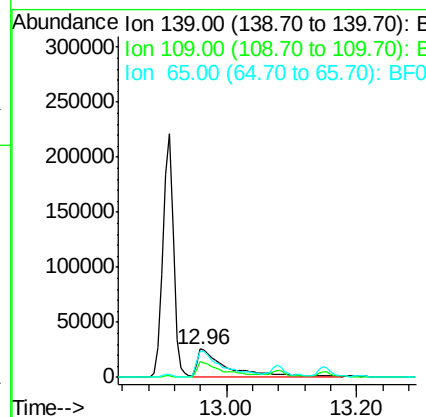
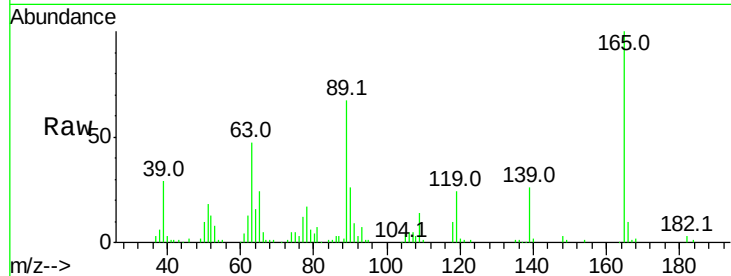




#55
4-Nitrophenol
Concen: 40.54 ng
RT: 12.96 min Scan# 1874
Delta R.T. 0.00 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

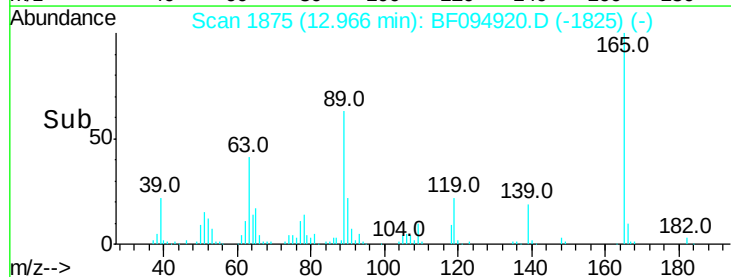
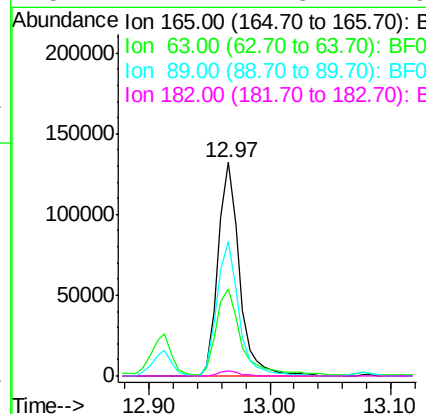
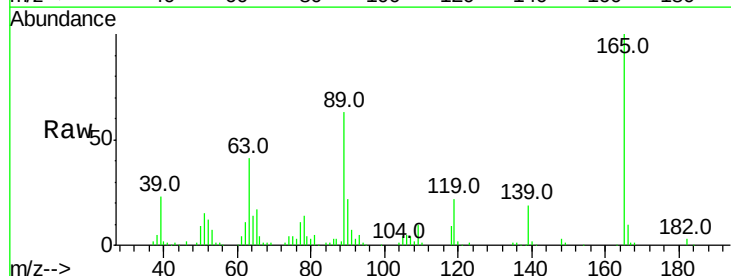
Instrument :
BNA_F
ClientSampled :

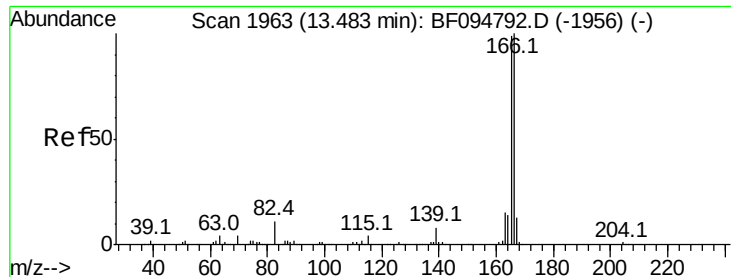
Tot Ion:139 Resp: 77384
Ion Ratio Lower Upper
139 100
109 54.8 34.1 74.1
65 93.6 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 42.26 ng
RT: 12.97 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

Tgt Ion:165 Resp: 160787
Ion Ratio Lower Upper
165 100
63 40.8 25.4 38.0#
89 63.0 46.4 69.6
182 2.7 1.8 2.6#





#57

Fluorene

Concen: 40.00 ng

RT: 13.47 min Scan# 1961

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampled :

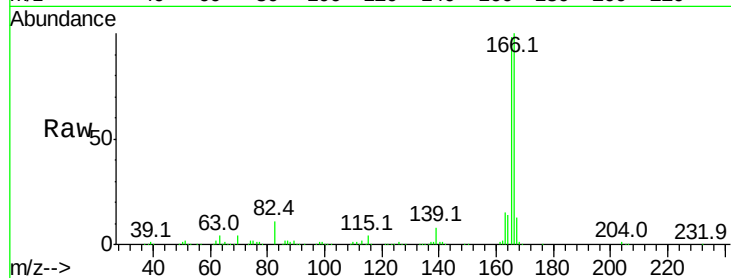
Tot Ion:166 Resp: 541125

Ion Ratio Lower Upper

166 100

165 98.1 78.8 118.2

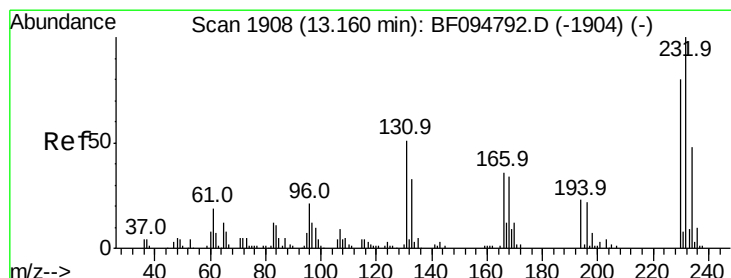
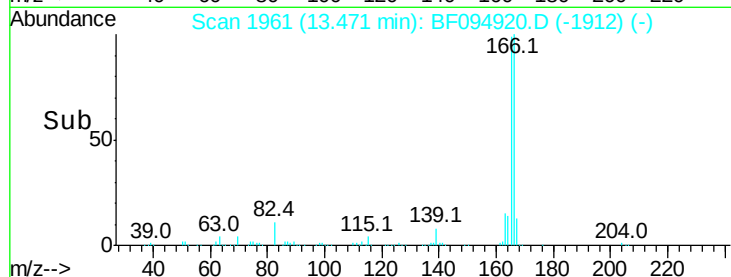
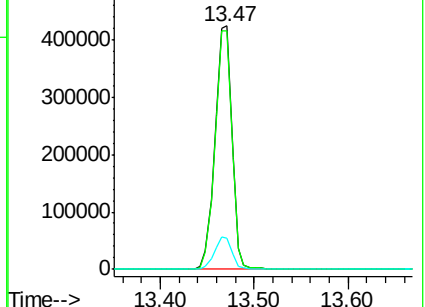
167 12.8 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 45.29 ng

RT: 13.15 min Scan# 1906

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Tgt Ion:232 Resp: 111204

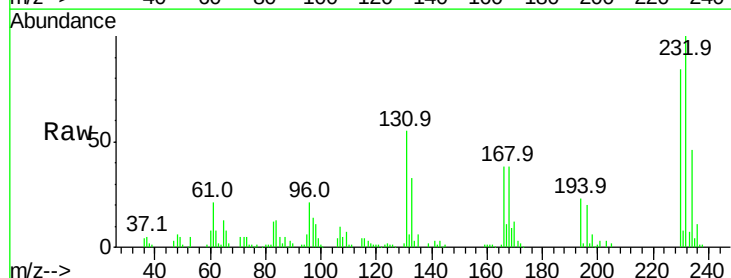
Ion Ratio Lower Upper

232 100

131 51.5 44.8 67.2

130 2.1 2.3 3.5#

166 33.7 29.0 43.4

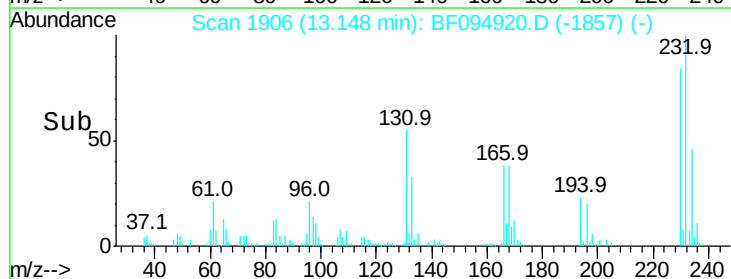
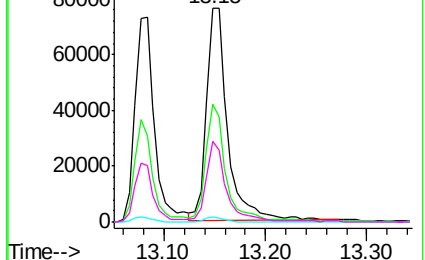


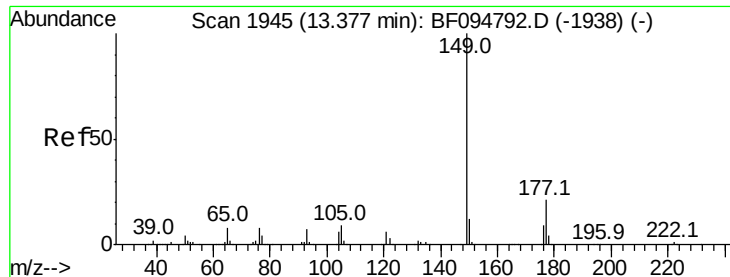
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

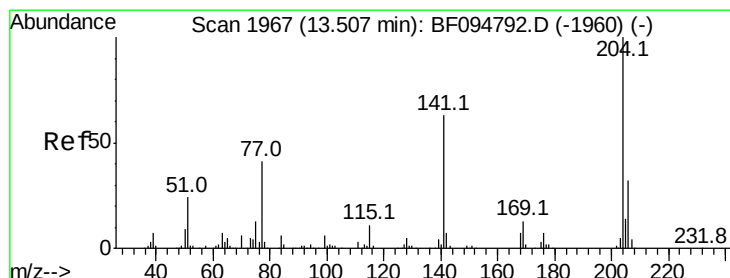
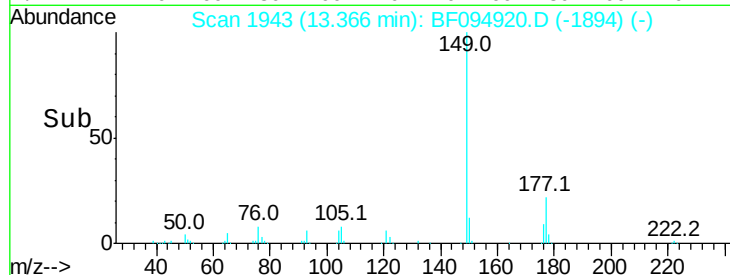
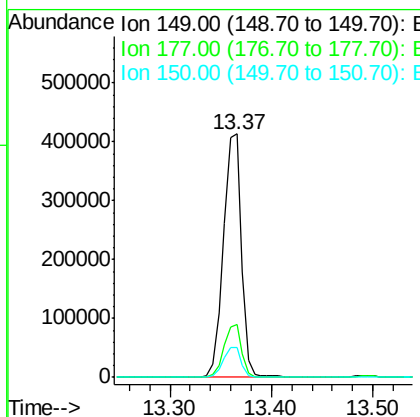
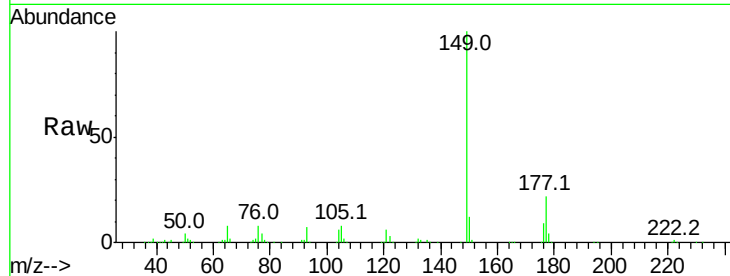




#59
Diethylphthalate
Concen: 36.74 ng
RT: 13.37 min Scan# 1943
Delta R.T. -0.01 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

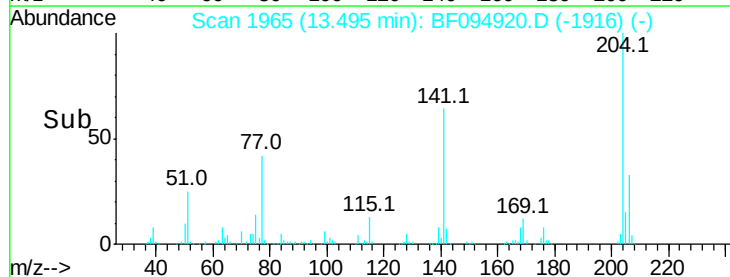
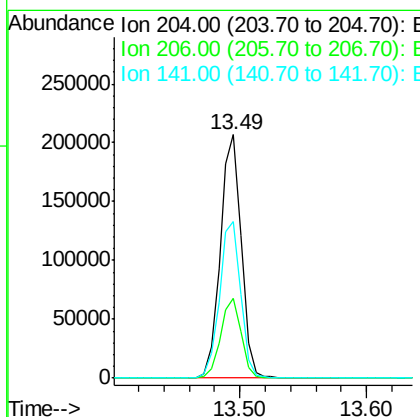
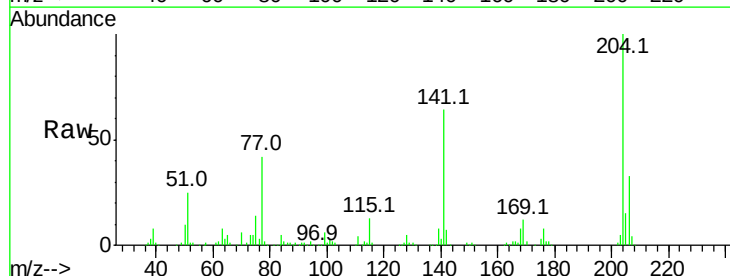
Instrument :
BNA_F
ClientSampled :

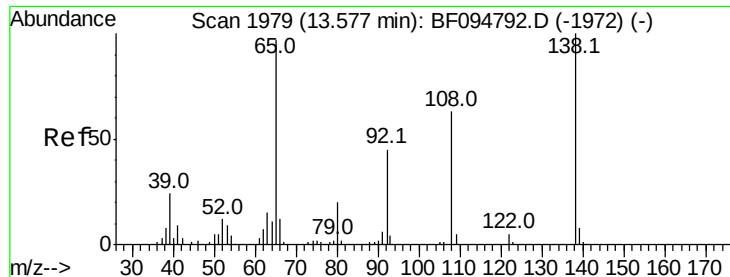
Tot Ion:149 Resp: 511071
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.3 10.2 15.2



#60
4-Chlorophenyl-phenylether
Concen: 39.93 ng
RT: 13.49 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

Tgt Ion:204 Resp: 237418
Ion Ratio Lower Upper
204 100
206 32.8 26.2 39.2
141 64.4 60.8 91.2





#61

4-Nitroaniline

Concen: 42.49 ng

RT: 13.57 min Scan# 1978

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampled :

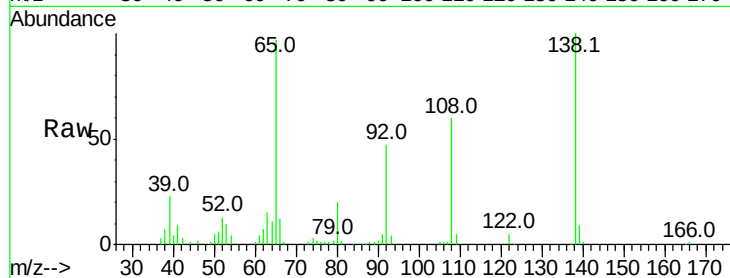
Tot Ion:138 Resp: 123950

Ion Ratio Lower Upper

138 100

92 46.8 21.8 61.8

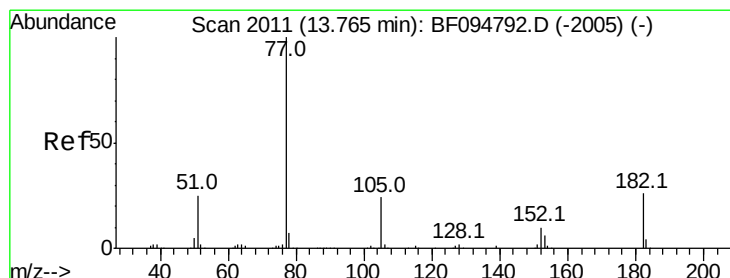
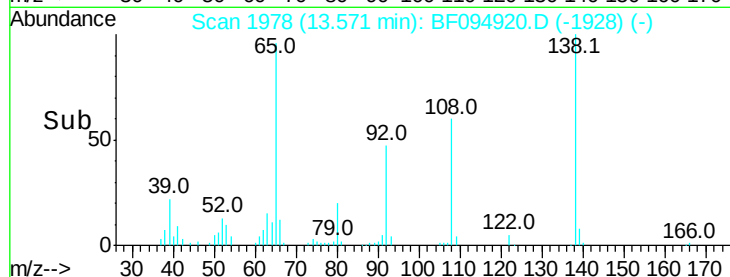
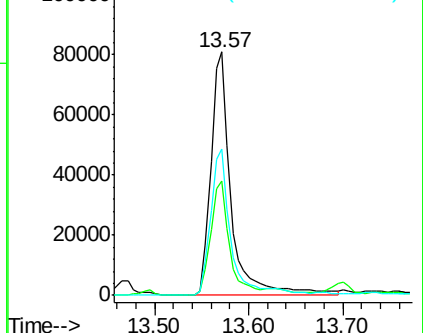
108 60.1 42.3 82.3



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: 44.16 ng

RT: 13.75 min Scan# 2008

Delta R.T. -0.02 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Tgt Ion: 77 Resp: 493677

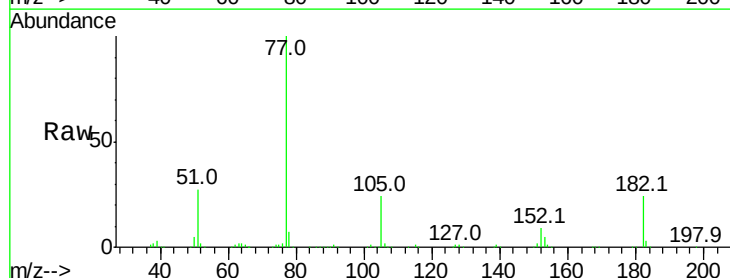
Ion Ratio Lower Upper

77 100

182 23.8 0.1 40.1

105 23.8 3.6 43.6

51 27.2 9.4 49.4

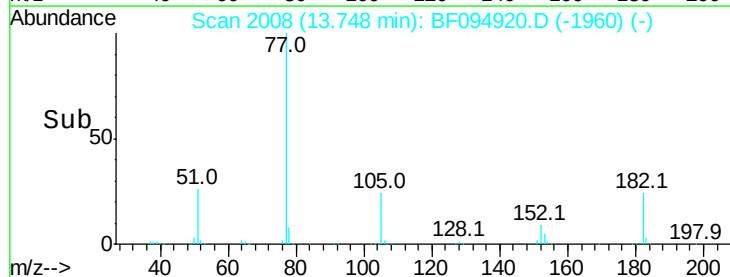
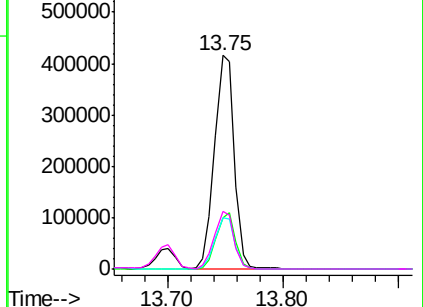


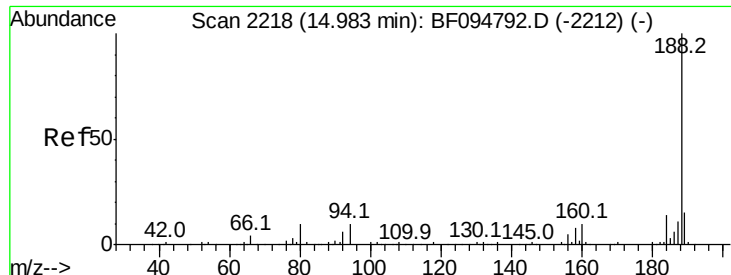
Abundance Ion 77.00 (76.70 to 77.70): BF0

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

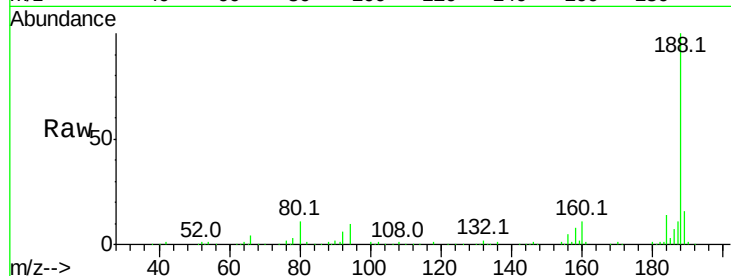




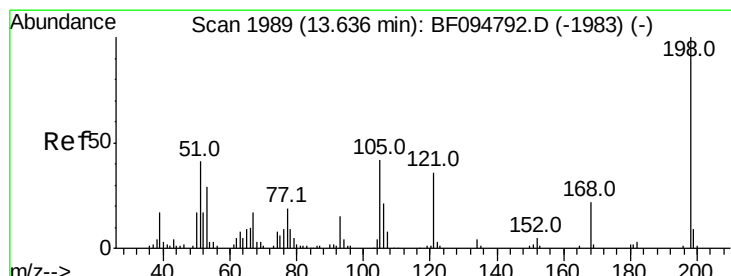
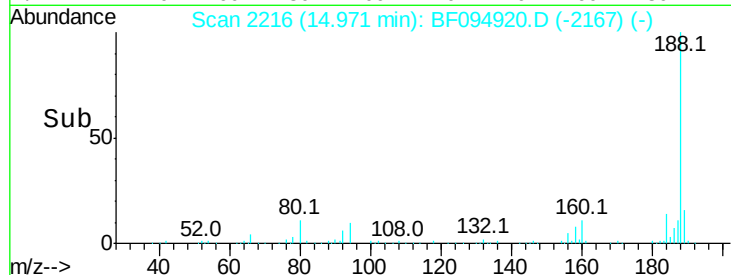
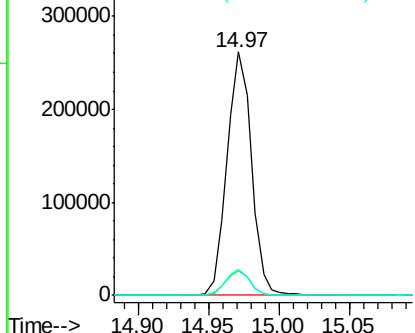
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 14.97 min Scan# 2216
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 315734
 Ion Ratio Lower Upper
 188 100
 94 9.9 9.4 14.2
 80 10.9 10.2 15.2

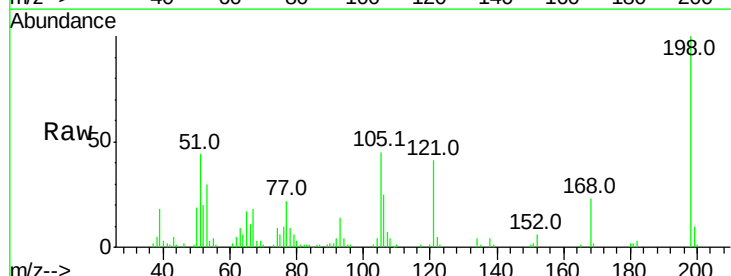


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

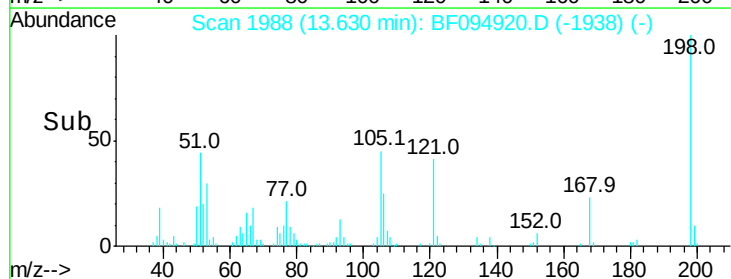
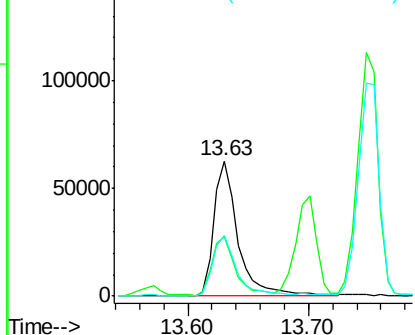


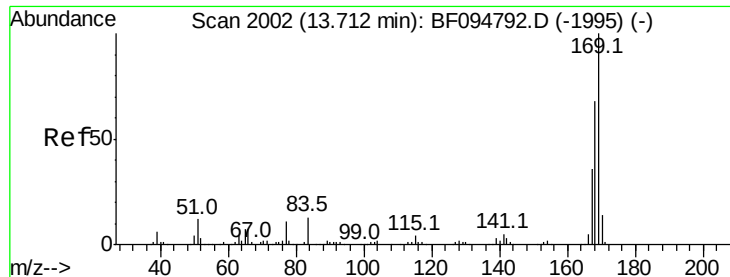
#64
 4,6-Dinitro-2-methylphenol
 Concen: 40.68 ng
 RT: 13.63 min Scan# 1988
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Tgt Ion:198 Resp: 86098
 Ion Ratio Lower Upper
 198 100
 51 43.6 53.2 93.2#
 105 44.9 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: 40.13 ng

RT: 13.70 min Scan# 2000

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampleId :

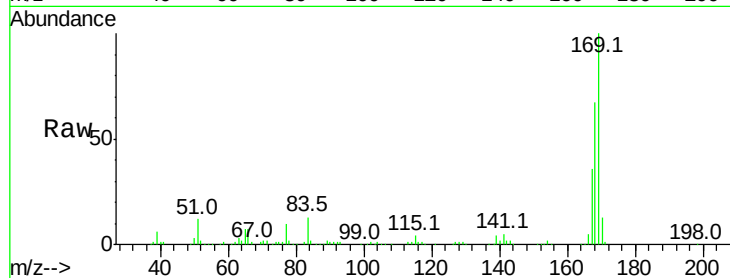
Tot Ion:169 Resp: 459913

Ion Ratio Lower Upper

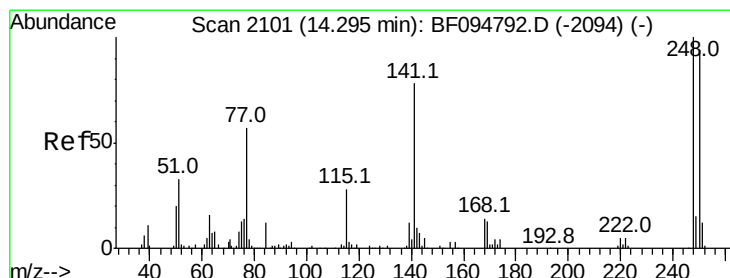
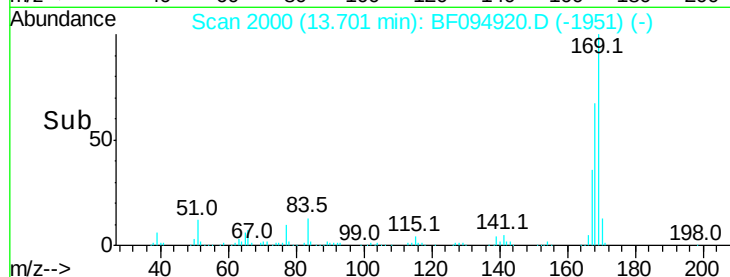
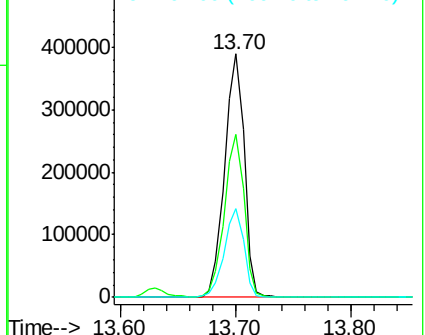
169 100

168 66.9 53.2 79.8

167 36.3 29.5 44.3



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



#66

4-Bromophenyl-phenylether

Concen: 40.24 ng

RT: 14.28 min Scan# 2098

Delta R.T. -0.02 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

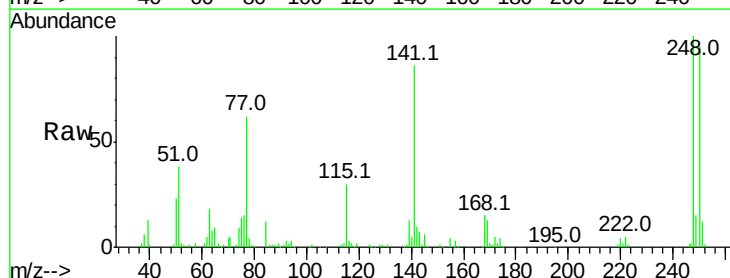
Tgt Ion:248 Resp: 134239

Ion Ratio Lower Upper

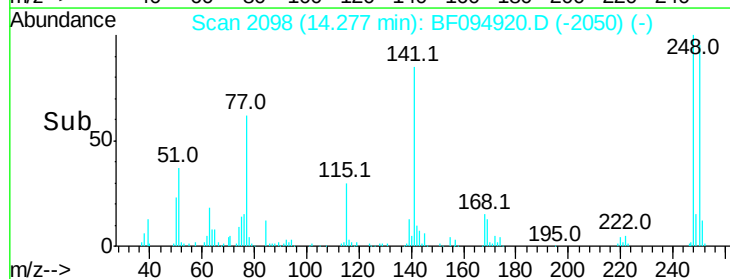
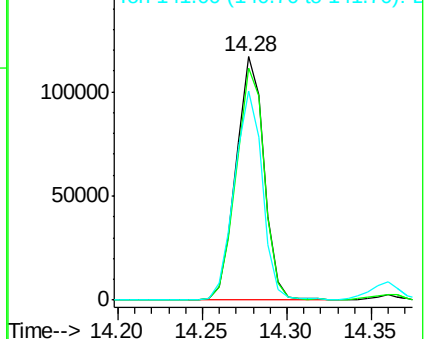
248 100

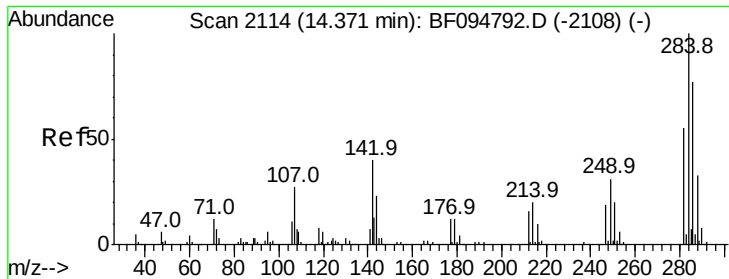
250 95.3 76.8 115.2

141 85.6 68.6 103.0



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





#67

Hexachlorobenzene

Concen: 39.40 ng

RT: 14.36 min Scan# 2112

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampleId :

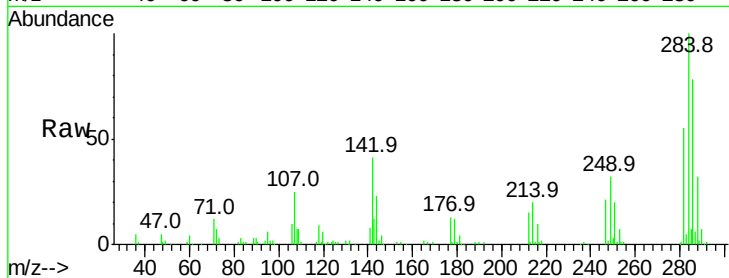
Tot Ion:284 Resp: 134680

Ion Ratio Lower Upper

284 100

142 41.1 22.8 34.2#

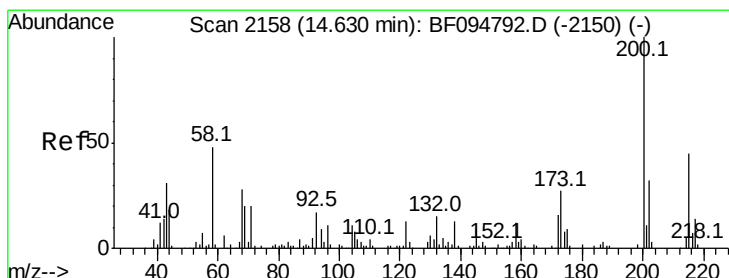
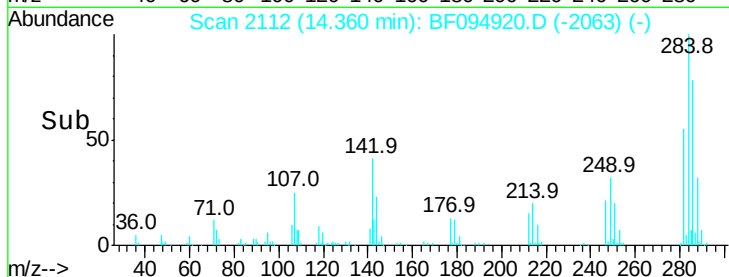
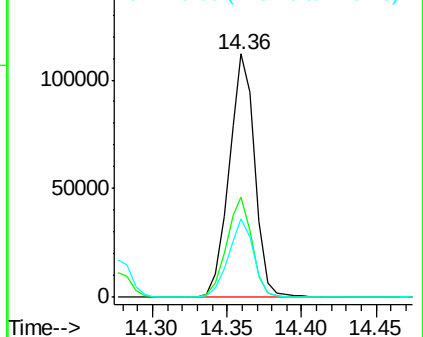
249 32.2 24.0 36.0



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: 41.44 ng

RT: 14.62 min Scan# 2156

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

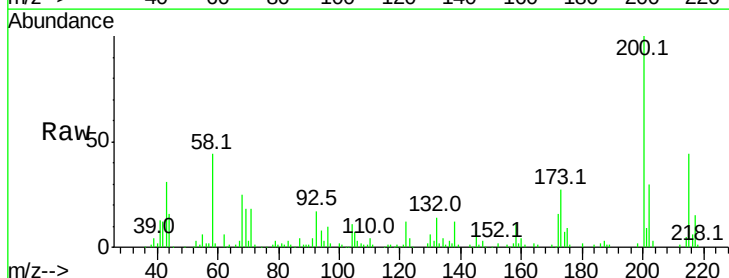
Tgt Ion:200 Resp: 134081

Ion Ratio Lower Upper

200 100

173 27.2 6.3 46.3

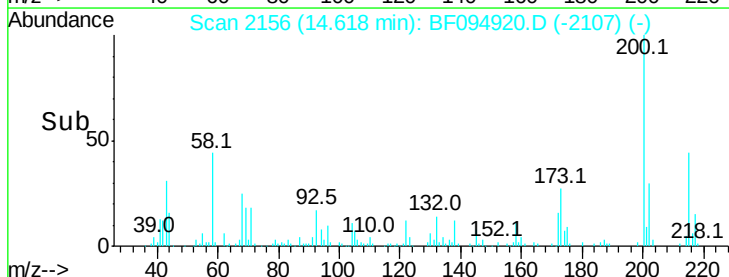
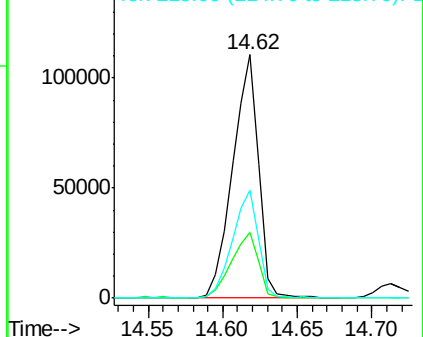
215 44.1 27.2 67.2

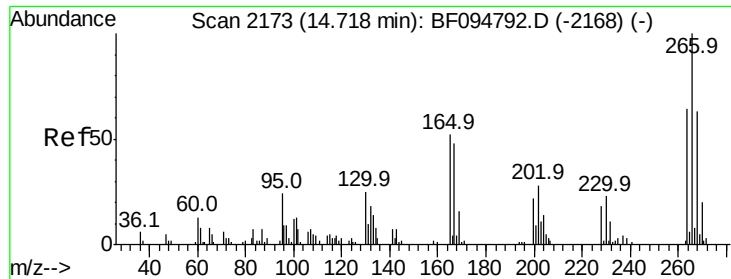


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

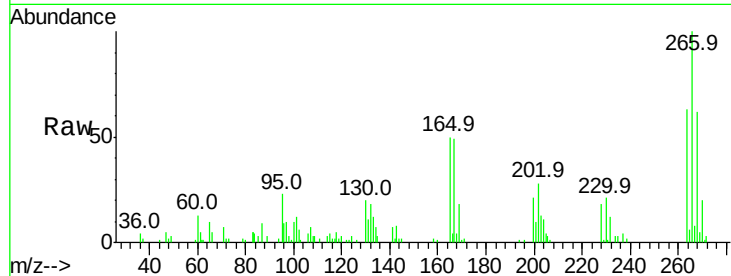




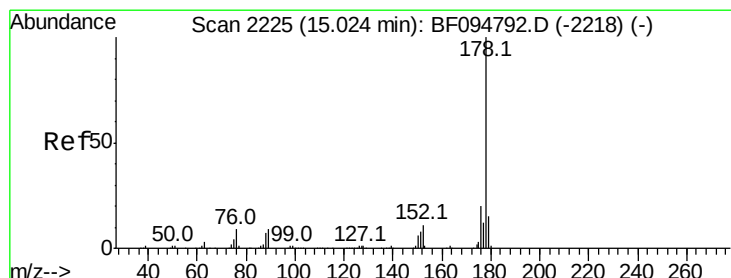
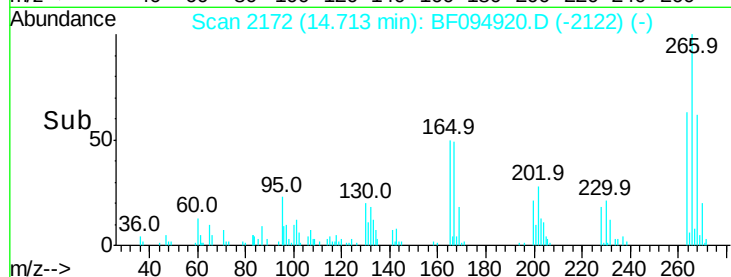
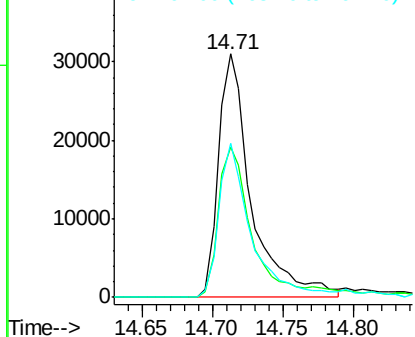
#69
 Pentachlorophenol
 Concen: 36.18 ng
 RT: 14.71 min Scan# 2172
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.6	51.1	76.7
264	63.4	51.7	77.5

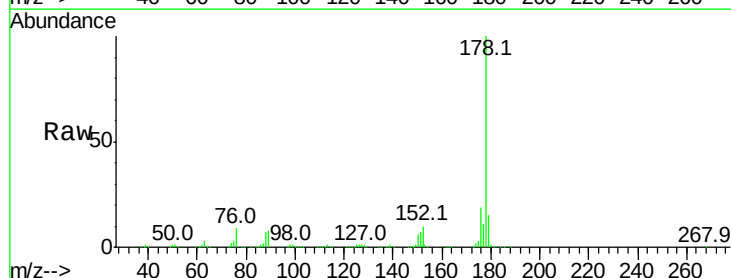


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

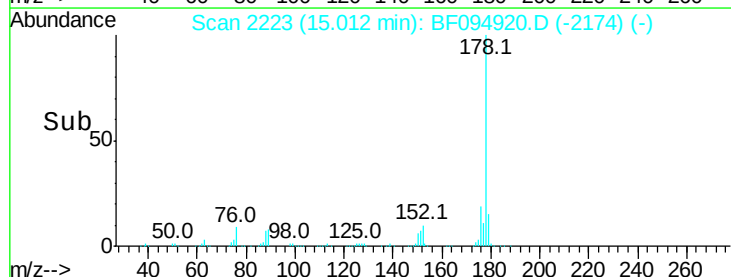
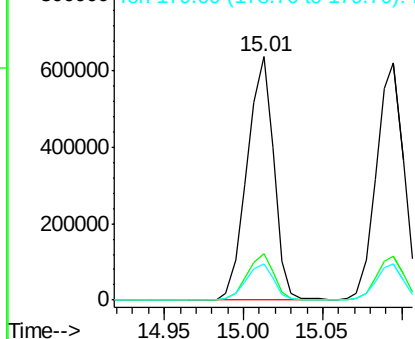


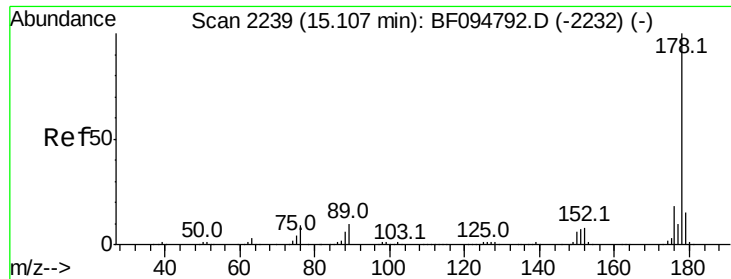
#70
 Phenanthrene
 Concen: 41.20 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	16.2	24.4
179	14.9	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

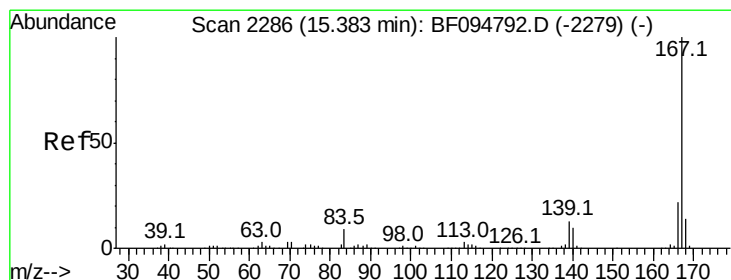
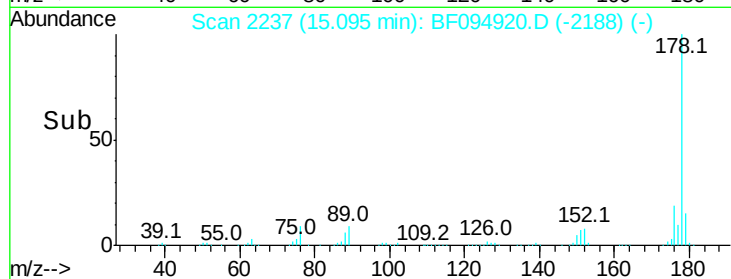
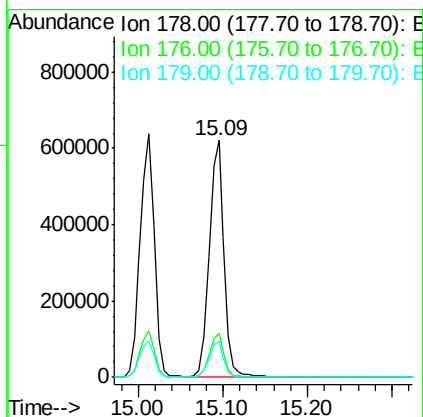
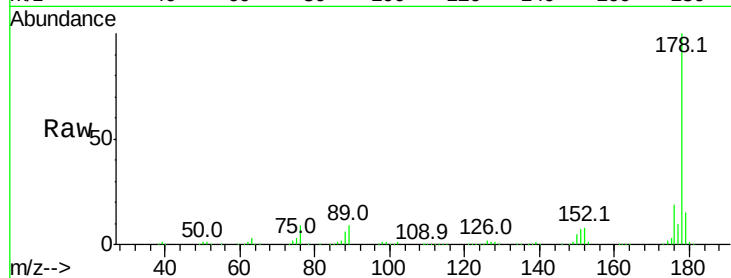




#71
 Anthracene
 Concen: 41.44 ng
 RT: 15.09 min Scan# 2237
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

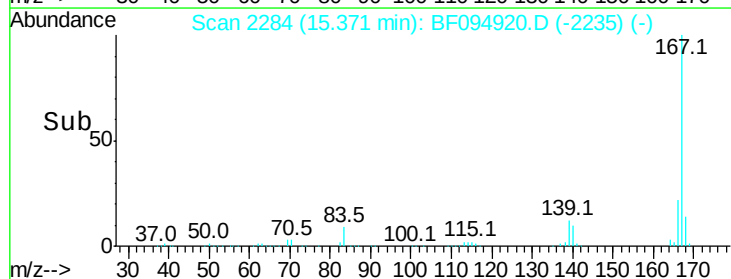
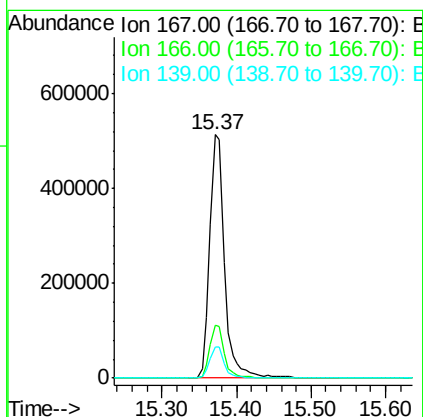
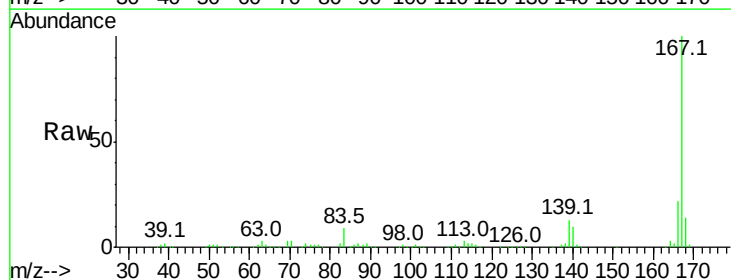
Instrument :
 BNA_F
 ClientSampled :

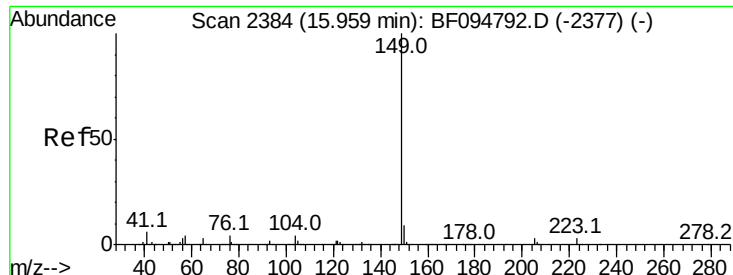
Tot Ion:178 Resp: 767953
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.2 12.7 19.1



#72
 Carbazole
 Concen: 42.15 ng
 RT: 15.37 min Scan# 2284
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Tgt Ion:167 Resp: 710739
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.0 11.7 17.5





#73

Di-n-butylphthalate

Concen: 38.90 ng

RT: 15.94 min Scan# 2381

Delta R.T. -0.02 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampleId :

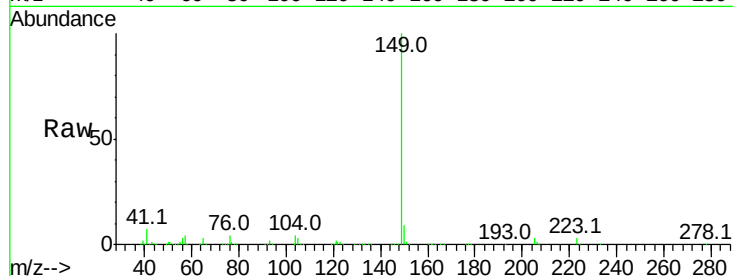
Tot Ion:149 Resp: 817903

Ion Ratio Lower Upper

149 100

150 8.8 7.7 11.5

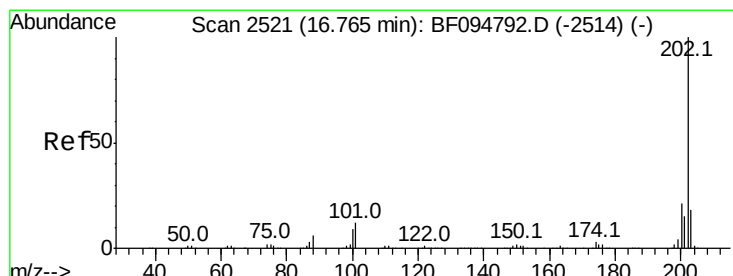
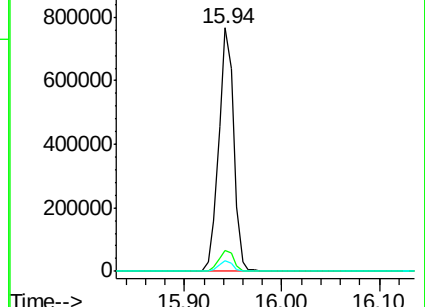
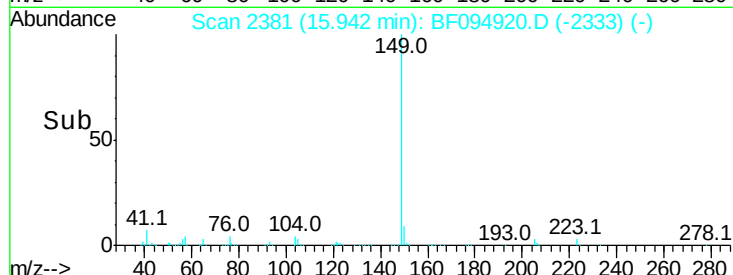
104 4.3 4.0 6.0



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: 40.58 ng

RT: 16.75 min Scan# 2519

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

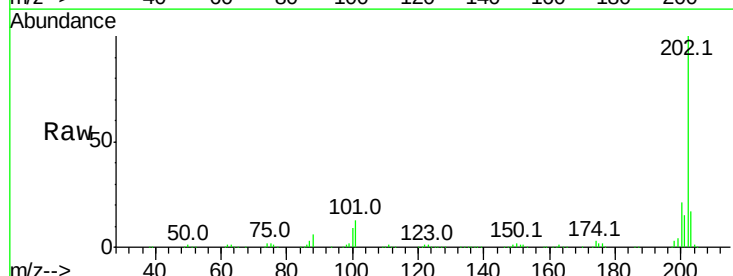
Tgt Ion:202 Resp: 755221

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

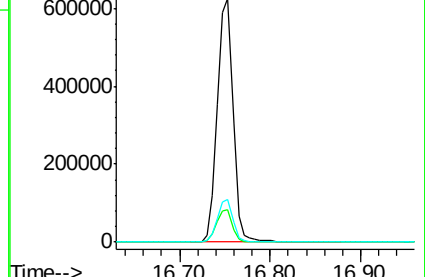
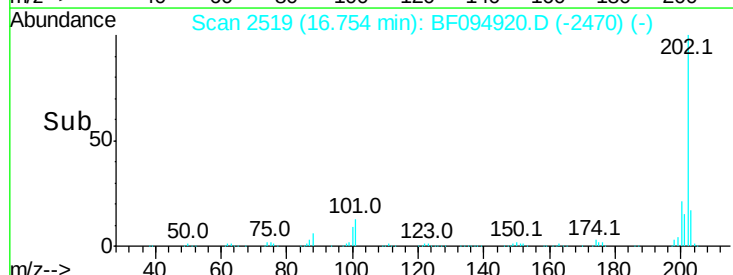
203 17.5 0.0 38.1

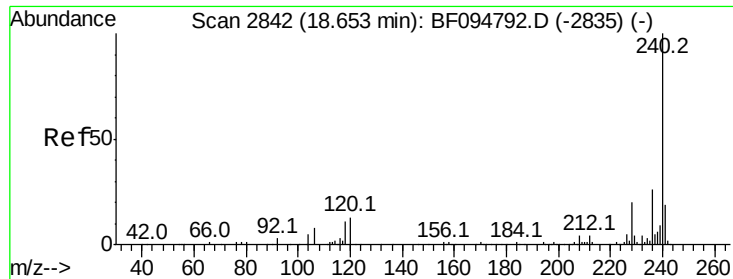


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

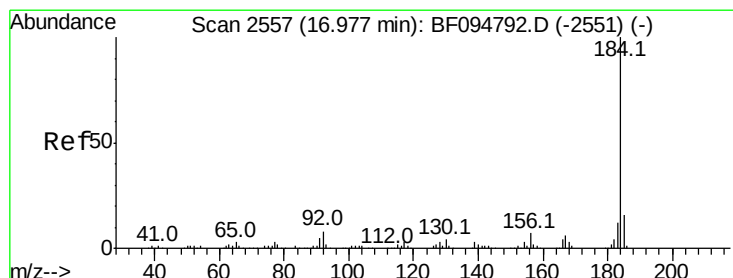
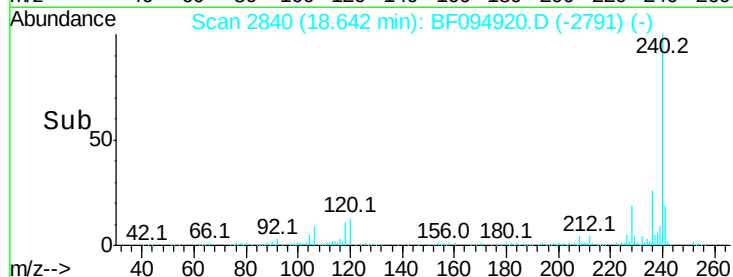
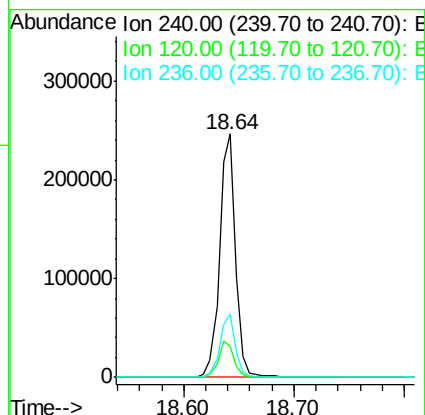
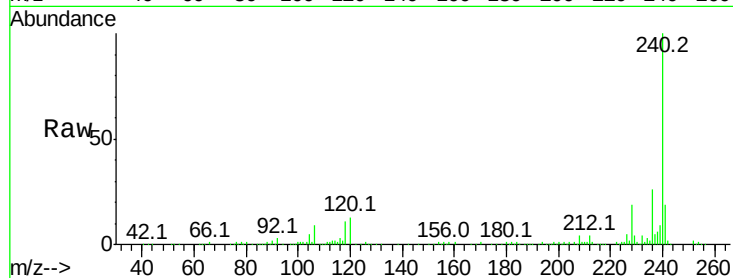




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.64 min Scan# 2840
Delta R.T. -0.01 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

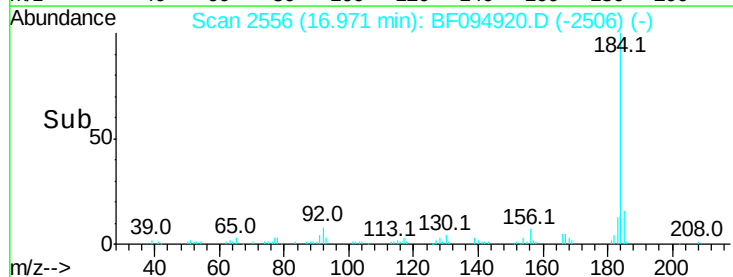
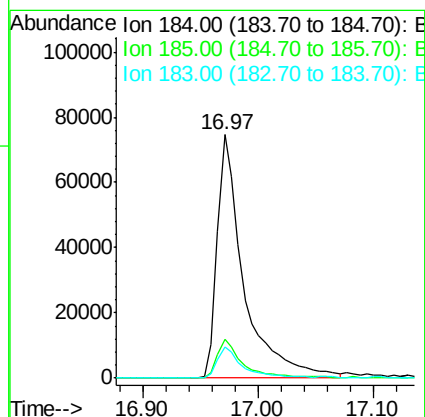
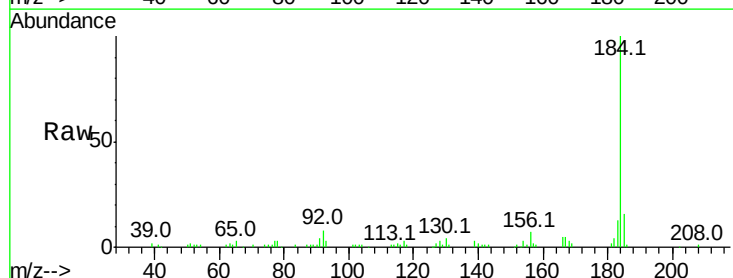
Instrument :
BNA_F
ClientSampleId :

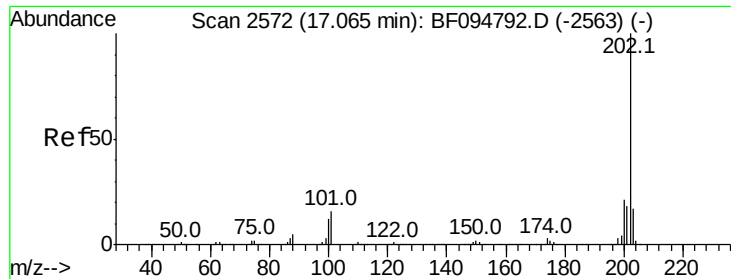
Tot Ion:240 Resp: 244508
Ion Ratio Lower Upper
240 100
120 12.9 5.8 8.8#
236 25.8 20.5 30.7



#76
Benzidine
Concen: 22.23 ng
RT: 16.97 min Scan# 2556
Delta R.T. -0.01 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

Tgt Ion:184 Resp: 119892
Ion Ratio Lower Upper
184 100
185 15.7 15.5 23.3
183 12.9 9.8 14.6

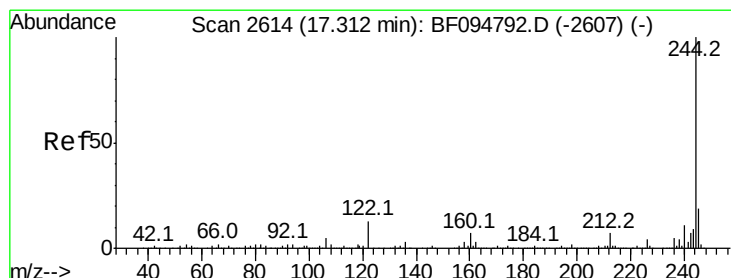
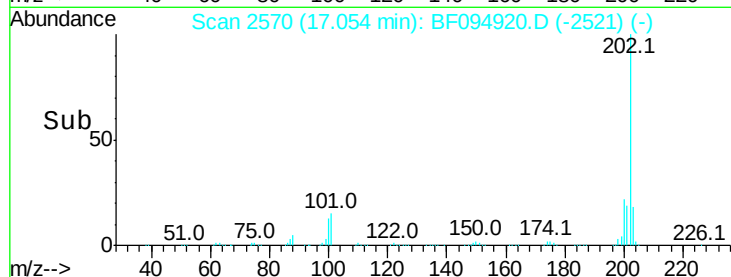
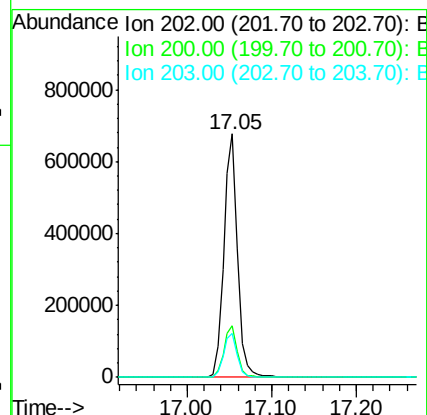
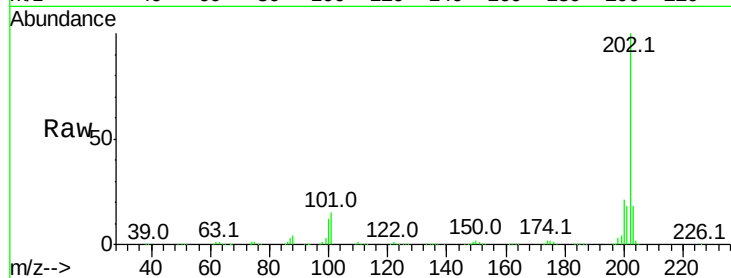




#77
Pvrene
Concen: 42.12 ng
RT: 17.05 min Scan# 2570
Delta R.T. -0.01 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

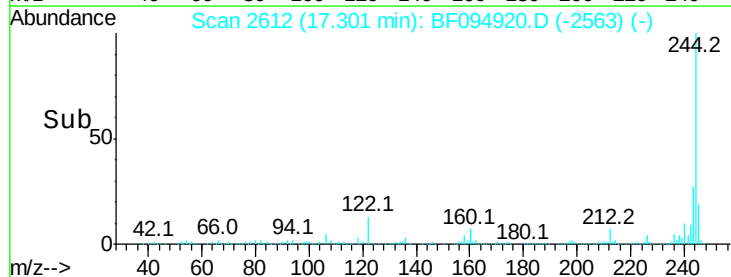
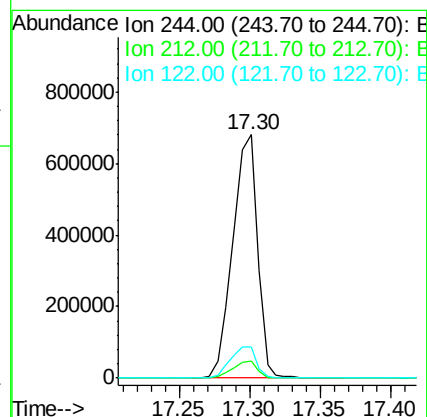
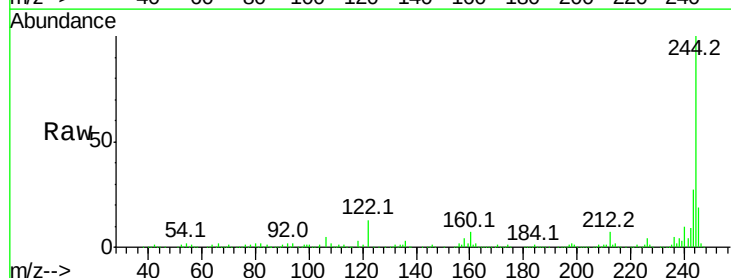
Instrument :
BNA_F
ClientSampleId :

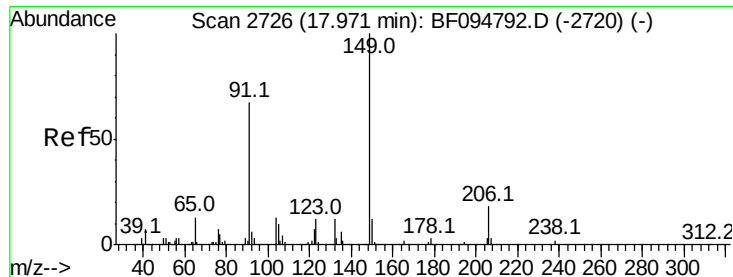
Tot Ion:202 Resp: 770162
Ion Ratio Lower Upper
202 100
200 21.2 17.6 26.4
203 17.9 14.4 21.6



#78
Terphenyl-d14
Concen: 75.21 ng
RT: 17.30 min Scan# 2612
Delta R.T. -0.01 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

Tgt Ion:244 Resp: 834950
Ion Ratio Lower Upper
244 100
212 7.1 6.0 9.0
122 12.8 10.3 15.5





#79

Butylbenzylphthalate

Concen: 36.23 ng

RT: 17.96 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampleId :

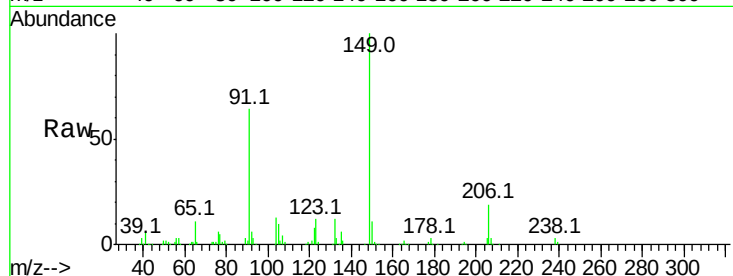
Tot Ion:149 Resp: 308131

Ion Ratio Lower Upper

149 100

91 64.1 45.0 67.4

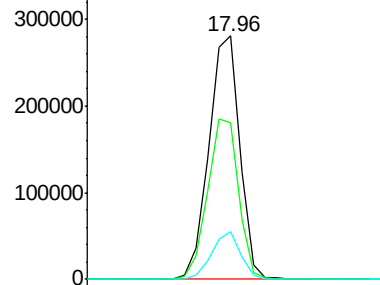
206 19.5 17.0 25.6



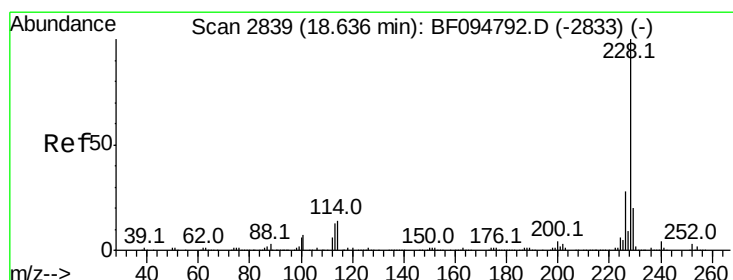
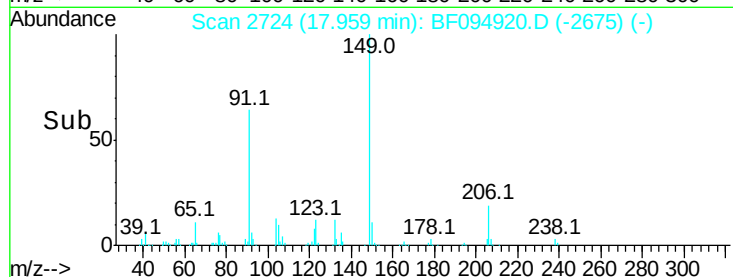
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



Time-->



#80

Benzo(a)anthracene

Concen: 40.78 ng

RT: 18.63 min Scan# 2838

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

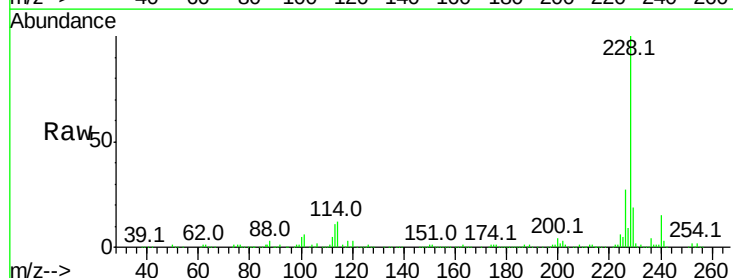
Tgt Ion:228 Resp: 580276

Ion Ratio Lower Upper

228 100

226 26.9 22.6 33.8

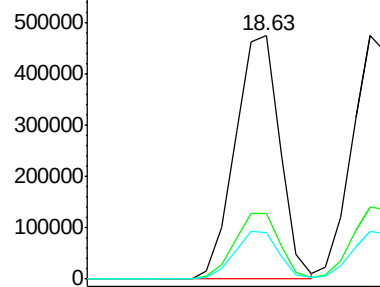
229 19.3 16.3 24.5



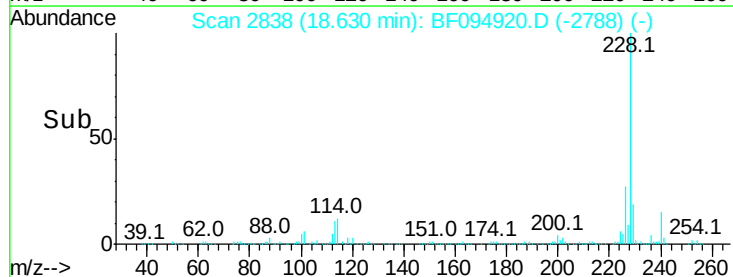
Abundance Ion 228.00 (227.70 to 228.70): E

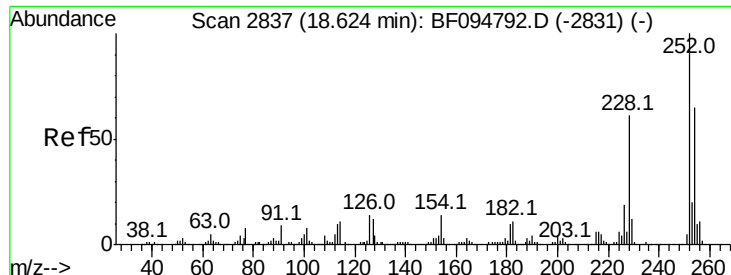
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->

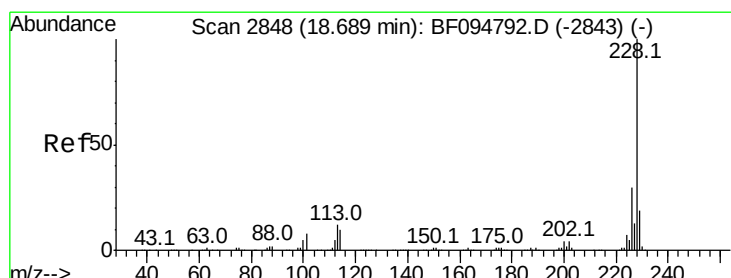
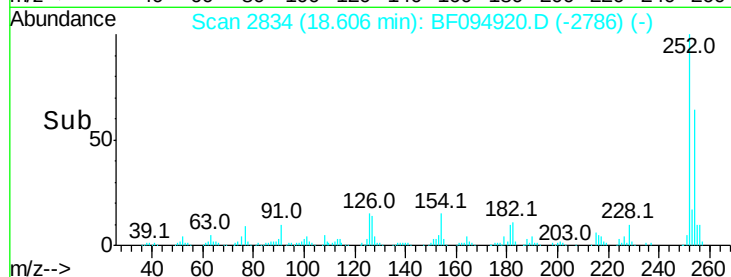
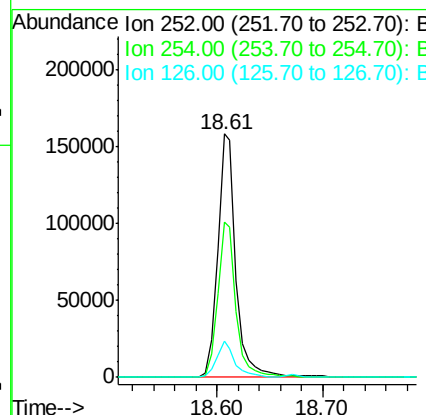
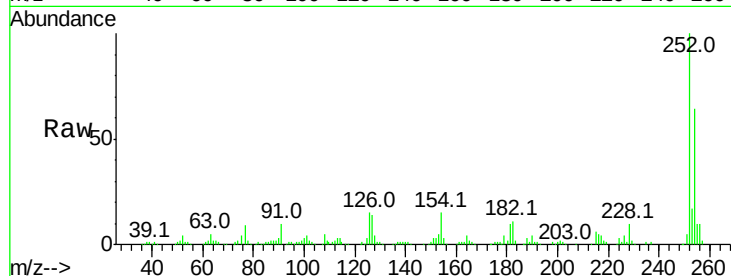




#81
 3,3'-Dichlorobenzidine
 Concen: 39.27 ng
 RT: 18.61 min Scan# 2834
 Delta R.T. -0.02 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

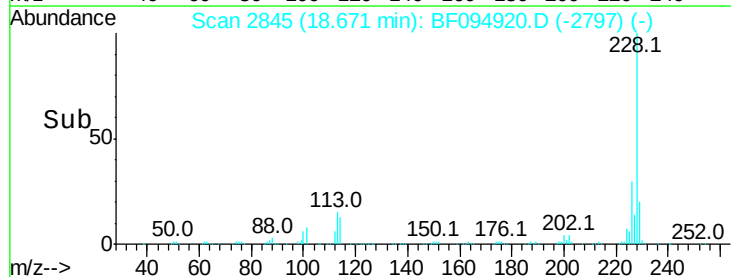
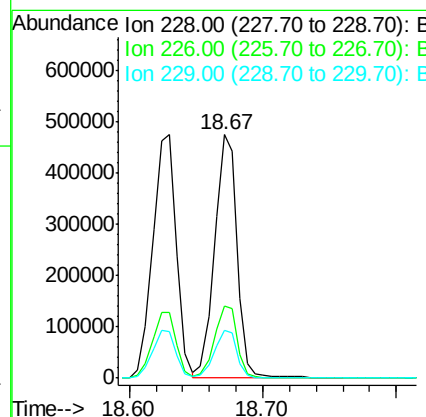
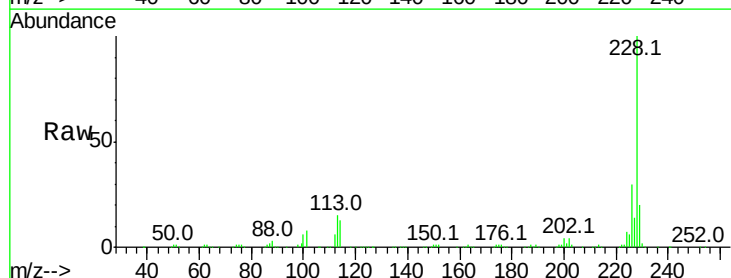
Instrument :
 BNA_F
 ClientSampleId :

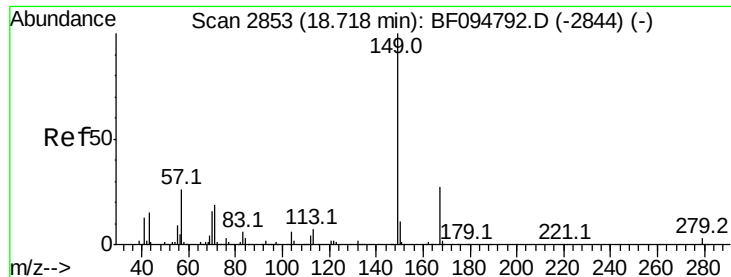
Tot Ion:252 Resp: 193024
 Ion Ratio Lower Upper
 252 100
 254 63.7 51.5 77.3
 126 14.6 15.8 23.8#



#82
 Chrysene
 Concen: 40.65 ng
 RT: 18.67 min Scan# 2845
 Delta R.T. -0.02 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Tgt Ion:228 Resp: 559364
 Ion Ratio Lower Upper
 228 100
 226 29.8 24.9 37.3
 229 19.6 15.8 23.6

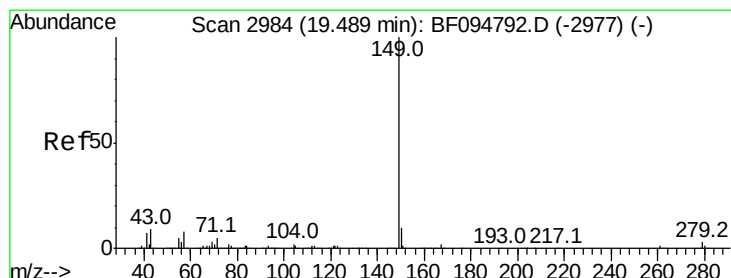
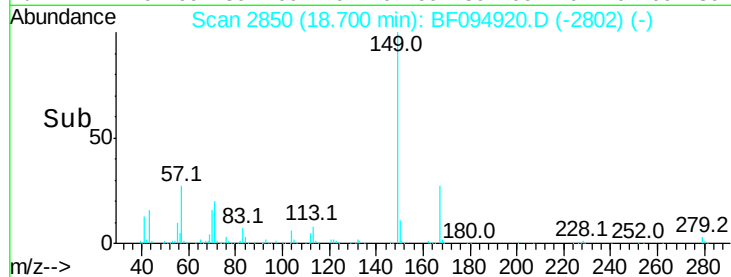
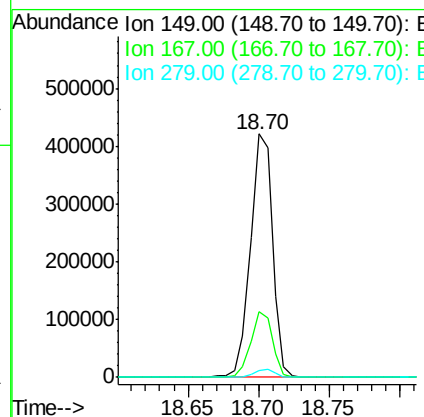
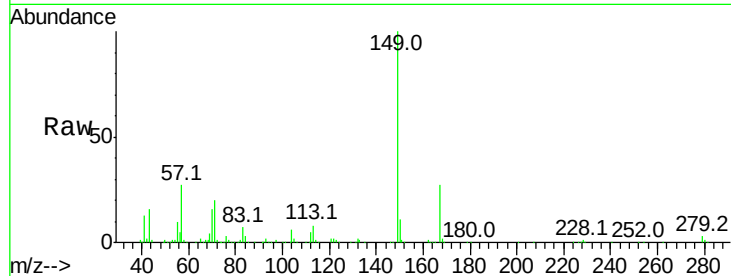




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 38.43 ng
 RT: 18.70 min Scan# 2850
 Delta R.T. -0.02 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

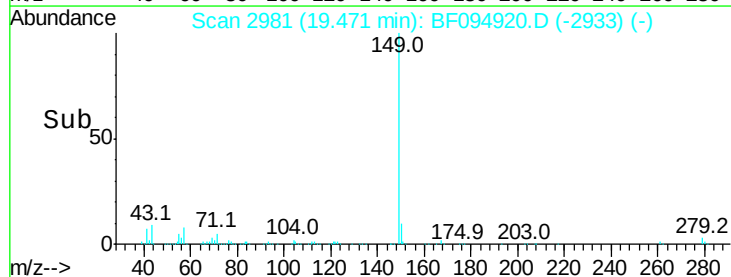
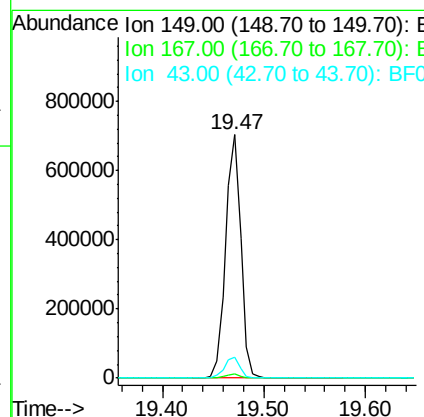
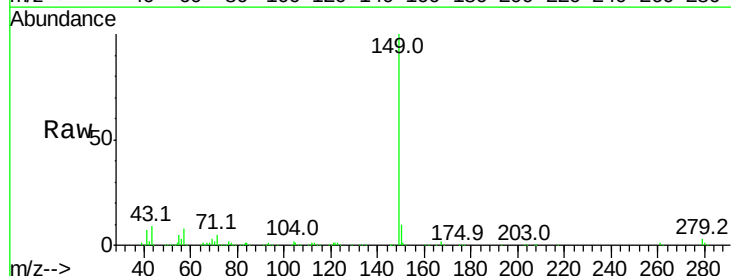
Instrument :
 BNA_F
 ClientSampled :

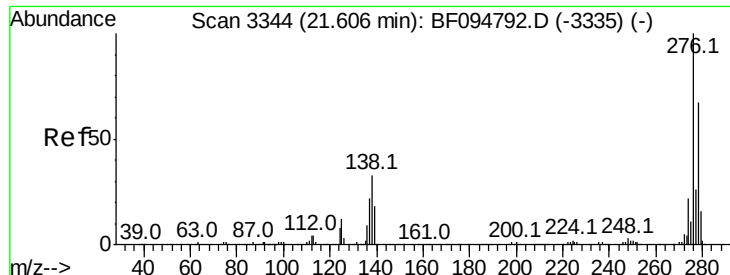
Tot Ion:149 Resp: 465676
 Ion Ratio Lower Upper
 149 100
 167 27.0 21.0 31.4
 279 2.7 1.9 2.9



#84
 Di-n-octyl phthalate
 Concen: 36.83 ng
 RT: 19.47 min Scan# 2981
 Delta R.T. -0.02 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Tgt Ion:149 Resp: 731764
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.9 8.5 12.7

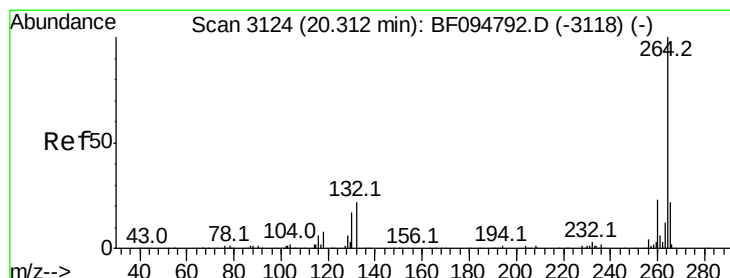
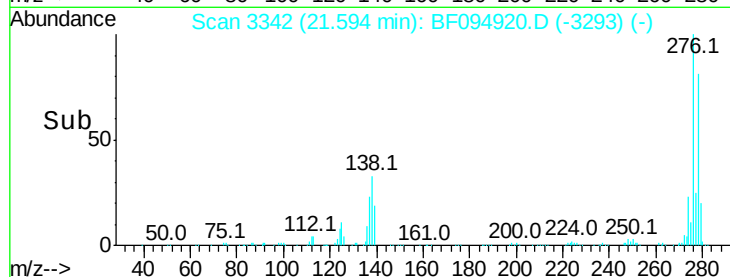
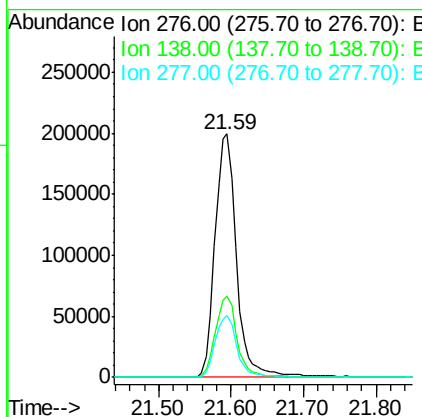
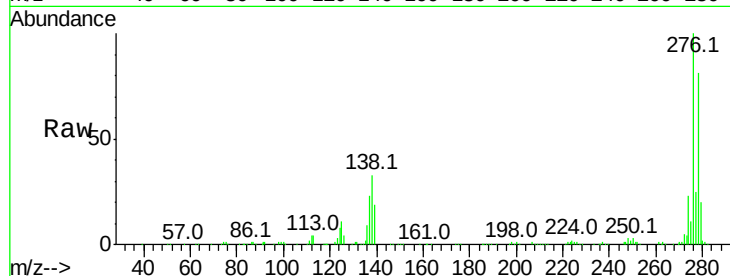




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 36.85 ng
 RT: 21.59 min Scan# 3342
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

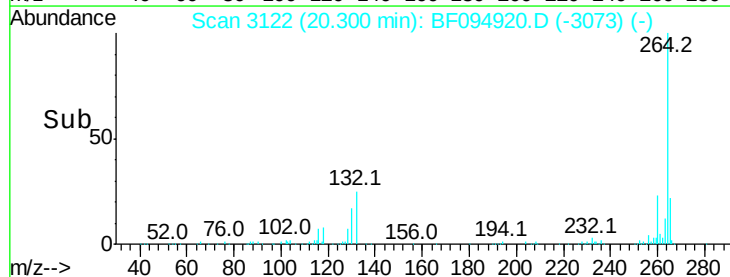
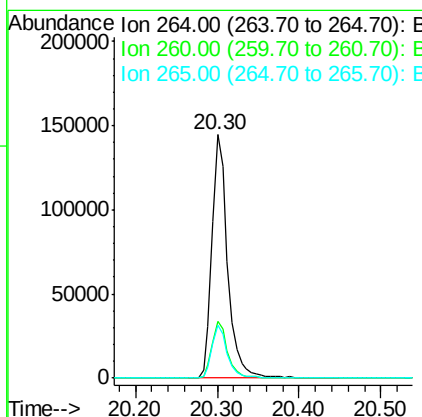
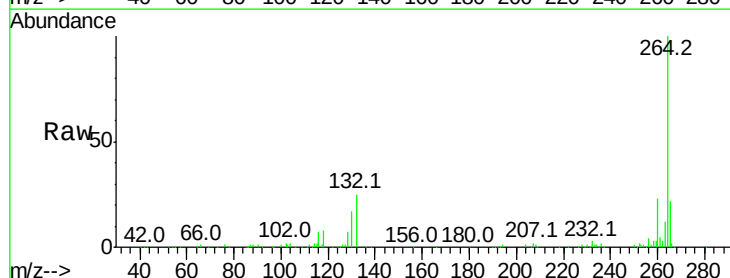
Instrument :
 BNA_F
 ClientSampleId :

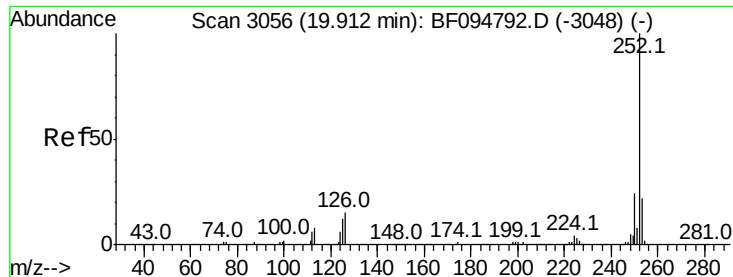
Tot Ion:276 Resp: 411730
 Ion Ratio Lower Upper
 276 100
 138 33.7 27.8 41.6
 277 25.4 20.2 30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.30 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BF094920.D
 Acq: 5 May 2017 16:47

Tgt Ion:264 Resp: 193608
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 21.6 17.2 25.8

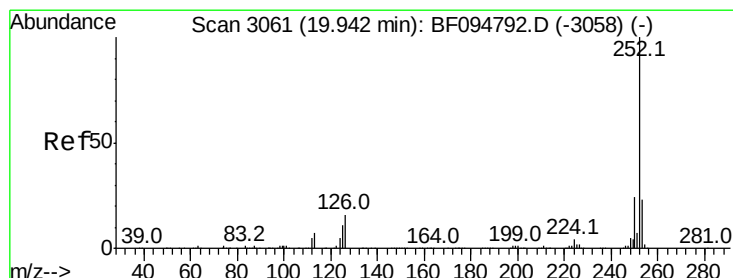
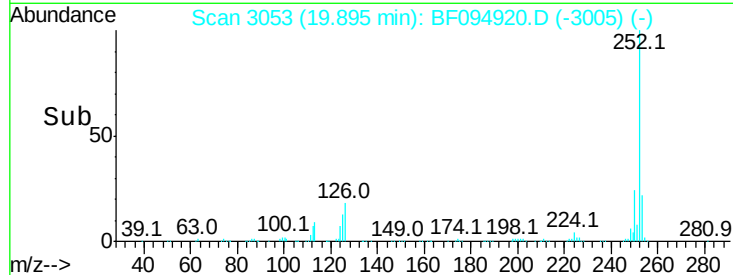
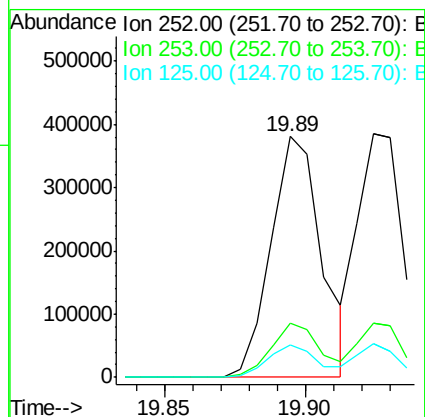
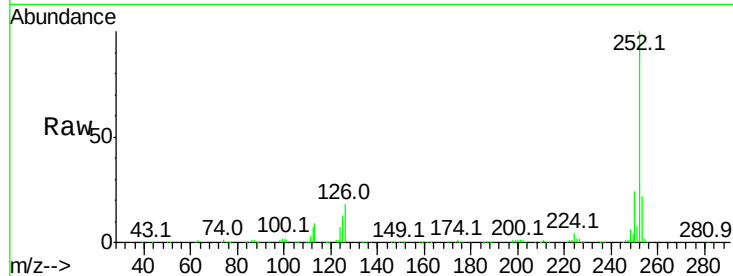




#87
Benzo(b)fluoranthene
Concen: 39.61 ng
RT: 19.89 min Scan# 3053
Delta R.T. -0.02 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

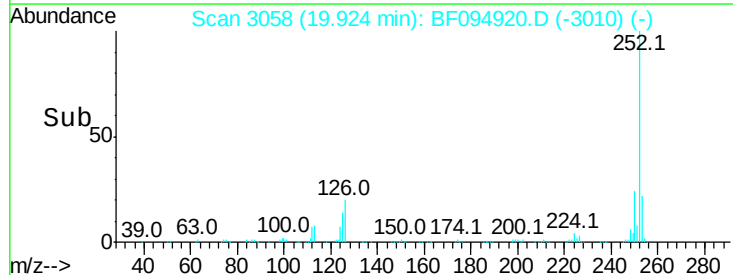
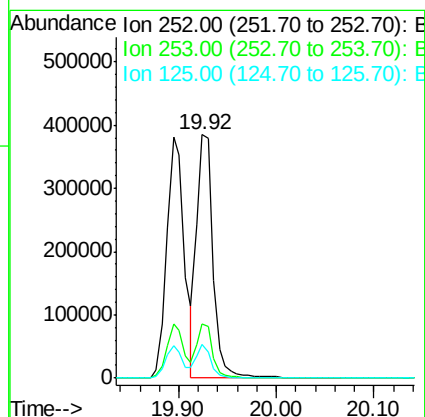
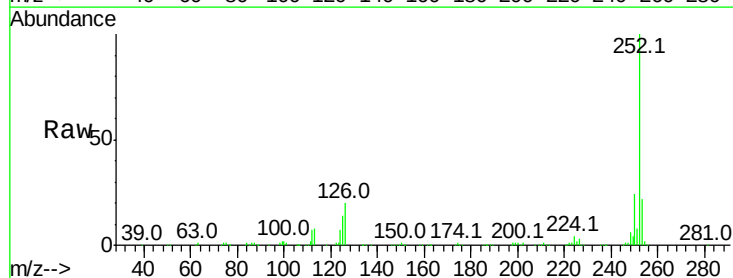
Instrument :
BNA_F
ClientSampleId :

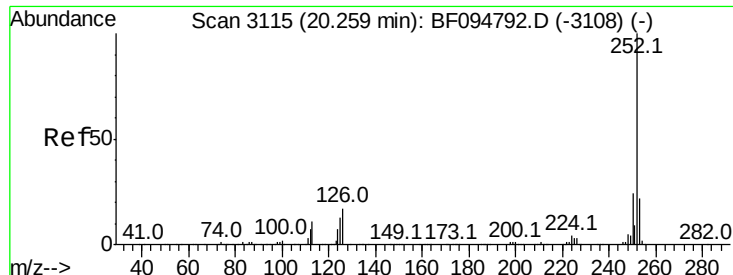
Tot Ion:252 Resp: 473913
Ion Ratio Lower Upper
252 100
253 22.4 18.1 27.1
125 13.3 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 38.76 ng
RT: 19.92 min Scan# 3058
Delta R.T. -0.02 min
Lab File: BF094920.D
Acq: 5 May 2017 16:47

Tgt Ion:252 Resp: 447319
Ion Ratio Lower Upper
252 100
253 22.1 18.4 27.6
125 13.7 13.1 19.7





#89

Benzo(a)pyrene

Concen: 41.08 ng

RT: 20.25 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampleId :

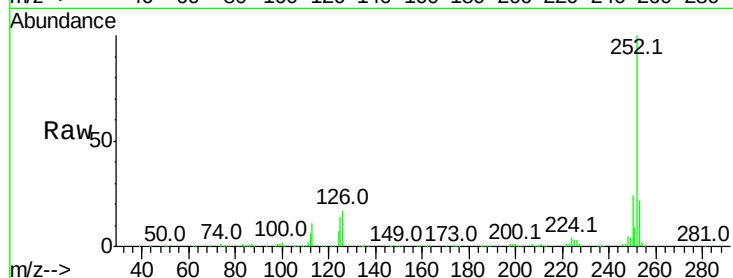
Tot Ion:252 Resp: 453535

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

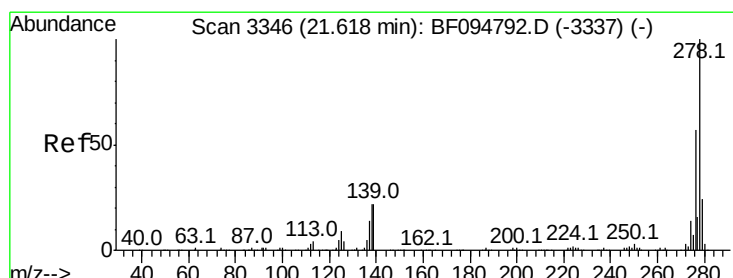
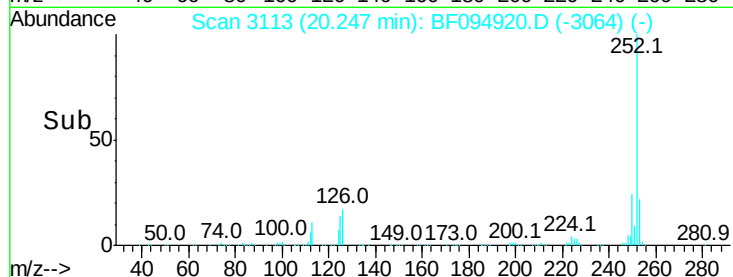
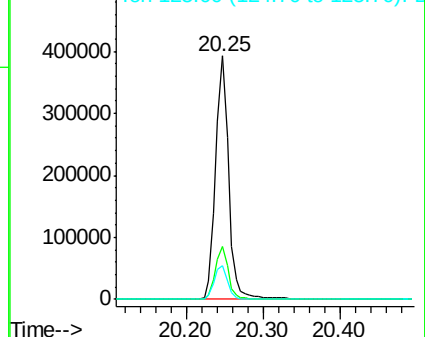
125 13.8 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 37.80 ng

RT: 21.60 min Scan# 3343

Delta R.T. -0.02 min

Lab File: BF094920.D

Acq: 5 May 2017 16:47

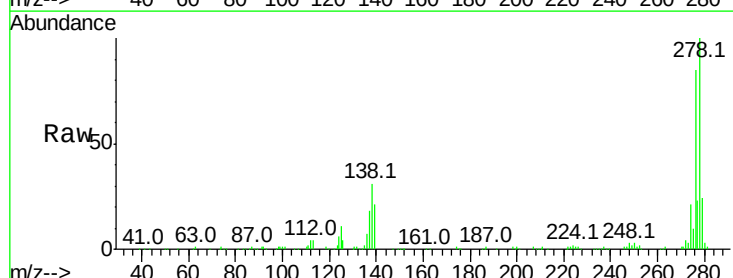
Tgt Ion:278 Resp: 344653

Ion Ratio Lower Upper

278 100

139 21.0 16.6 24.8

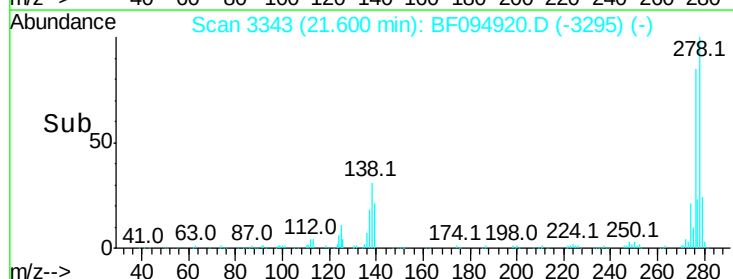
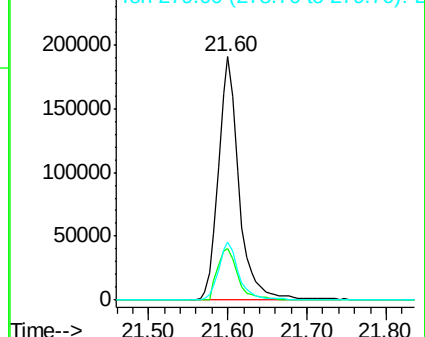
279 23.9 19.3 28.9

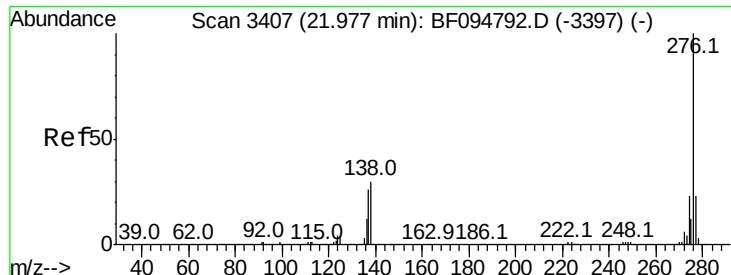


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 40.98 ng

RT: 21.96 min Scan# 3405

Delta R.T. -0.01 min

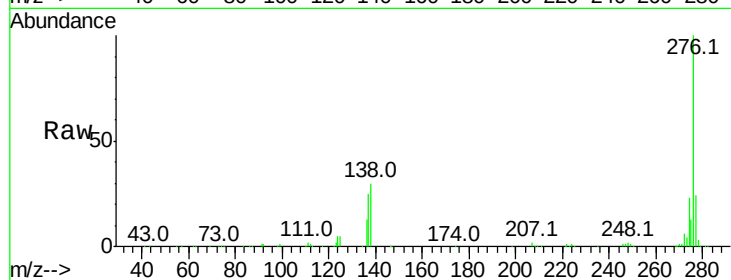
Lab File: BF094920.D

Acq: 5 May 2017 16:47

Instrument :

BNA_F

ClientSampleId :



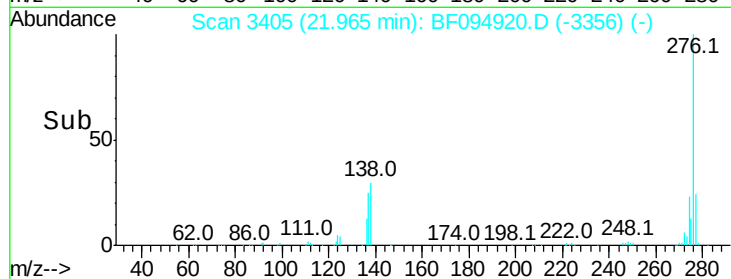
Tot Ion: 276 Resp: 366679

Ion Ratio Lower Upper

276 100

277 24.4 18.6 28.0

138 29.9 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

