

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095356.D
 Acq On : 23 May 2017 17:49
 Operator : SJ/MA
 Sample : I3244-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 01:28:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	108159	20.00	ng	0.00
21) Naphthalene-d8	9.77	136	446634	20.00	ng	-0.01
38) Acenaphthene-d10	12.60	164	204243	20.00	ng	-0.02
63) Phenanthrene-d10	15.01	188	343451	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	191134	20.00	ng	-0.01
86) Perylene-d12	20.36	264	190230	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.73	112	943279	145.40	ng	0.00
7) Phenol-d6	7.31	99	1086771	139.62	ng	0.00
23) Nitrobenzene-d5	8.67	82	674112	95.18	ng	0.00
41) 2,4,6-Tribromophenol	13.91	330	230121	137.58	ng	0.00
44) 2-Fluorobiphenyl	11.55	172	1253489	88.34	ng	-0.01
78) Terphenyl-d14	17.33	244	901154	103.85	ng	-0.02

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.26	88	108846	34.21	ng	97
3) Pyridine	2.98	79	260826	35.37	ng	97
4) n-Nitrosodimethylamine	2.90	42	114925	37.39	ng	# 77
6) Aniline	7.27	93	387621	39.45	ng	96
8) 2-Chlorophenol	7.45	128	348731	47.23	ng	97
9) Benzaldehyde	7.10	77	95827	20.16	ng	96
10) Phenol	7.32	94	392531	47.86	ng	90
11) bis(2-Chloroethyl)ether	7.40	93	305046	45.05	ng	98
12) 1,3-Dichlorobenzene	7.66	146	360942	43.09	ng	98
13) 1,4-Dichlorobenzene	7.78	146	373665	43.99	ng	97
14) 1,2-Dichlorobenzene	8.02	146	352155	44.41	ng	96
15) Benzyl Alcohol	8.05	79	282213	56.37	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.24	45	407940	42.56	ng	86
17) 2-Methylphenol	8.25	107	283487	46.91	ng	95
18) Hexachloroethane	8.53	117	119032	41.37	ng	88
19) n-Nitroso-di-n-propylamine	8.47	70	240964	45.77	ng	95
20) 3+4-Methylphenols	8.51	107	381511	46.46	ng	# 57
22) Acetophenone	8.44	105	491186	45.84	ng	# 84
24) Nitrobenzene	8.70	77	345698	46.56	ng	91
25) Isophorone	9.10	82	626249	49.52	ng	95
26) 2-Nitrophenol	9.20	139	196408	49.03	ng	96
27) 2,4-Dimethylphenol	9.33	122	314117	48.50	ng	98
28) bis(2-Chloroethoxy)methane	9.45	93	403875	46.16	ng	99
29) 2,4-Dichlorophenol	9.62	162	290575	47.51	ng	98
30) 1,2,4-Trichlorobenzene	9.70	180	263176	40.17	ng	97
31) Naphthalene	9.81	128	993439	44.26	ng	99
32) Benzoic acid	9.62	122	53005	16.23	ng	91
33) 4-Chloroaniline	9.97	127	174457	20.85	ng	# 91
34) Hexachlorobutadiene	10.02	225	143274	41.44	ng	98
35) Caprolactam	10.67	113	36008	19.61	ng	91
36) 4-Chloro-3-methylphenol	10.81	107	315326	48.23	ng	90
37) 2-Methylnaphthalene	10.93	142	694988	47.17	ng	98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	271290	43.19	ng	99
40) Hexachlorocyclopentadiene	11.18	237	107159	43.57	ng	98

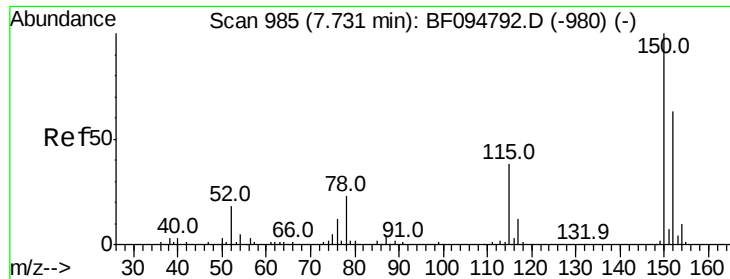
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052317\
 Data File : BF095356.D
 Acq On : 23 May 2017 17:49
 Operator : SJ/MA
 Sample : I3244-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 24 01:28:38 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.44	196	198248	47.27	nq	98
43) 2,4,5-Trichlorophenol	11.54	196	179445	39.81	nq	95
45) 1,1'-Biphenyl	11.70	154	784506	45.62	nq	98
46) 2-Chloronaphthalene	11.72	162	609413	43.89	nq	97
47) 2-Nitroaniline	11.94	65	168333	44.29	nq	# 80
48) Acenaphthylene	12.38	152	961007	44.19	nq	99
49) Dimethylphthalate	12.25	163	948501	56.57	nq	99
50) 2,6-Dinitrotoluene	12.35	165	160768	47.00	nq	95
51) Acenaphthene	12.66	154	564683	43.47	nq	99
52) 3-Nitroaniline	12.62	138	114918	31.30	nq	90
53) 2,4-Dinitrophenol	12.84	184	72735	41.84	nq	# 66
54) Dibenzofuran	12.95	168	871086	48.46	nq	97
55) 4-Nitrophenol	13.02	139	160966	73.00	nq	# 75
56) 2,4-Dinitrotoluene	13.02	165	216165	49.18	nq	# 91
57) Fluorene	13.50	166	684494	43.79	nq	100
58) 2,3,4,6-Tetrachlorophenol	13.19	232	140382	49.49	nq	# 95
59) Diethylphthalate	13.39	149	690177	42.95	nq	98
60) 4-Chlorophenyl-phenylether	13.52	204	299612	43.61	nq	89
61) 4-Nitroaniline	13.63	138	123904	36.76	nq	94
62) Azobenzene	13.78	77	647521	50.14	nq	92
64) 4,6-Dinitro-2-methylphenol	13.69	198	91076	39.56	nq	# 68
65) n-Nitrosodiphenylamine	13.73	169	592938	47.57	nq	98
66) 4-Bromophenyl-phenylether	14.31	248	161747	44.58	nq	100
67) Hexachlorobenzene	14.40	284	160063	43.04	nq	# 91
68) Atrazine	14.65	200	173161	49.20	nq	96
69) Pentachlorophenol	14.75	266	114609	69.03	nq	98
70) Phenanthrene	15.05	178	901131	45.66	nq	98
71) Anthracene	15.13	178	925392	45.91	nq	98
72) Carbazole	15.41	167	829470	45.23	nq	98
73) Di-n-butylphthalate	15.97	149	1062911	46.47	nq	98
74) Fluoranthene	16.79	202	816273	40.32	nq	99
76) Benzidine	17.02	184	211129	41.83	nq	# 93
77) Pyrene	17.09	202	790620	55.31	nq	98
79) Butylbenzylphthalate	17.99	149	361212	54.33	nq	91
80) Benzo(a)anthracene	18.67	228	498529	44.82	nq	98
81) 3,3'-Dichlorobenzidine	18.65	252	133490	34.75	nq	# 96
82) Chrysene	18.71	228	477971	44.44	nq	99
83) Bis(2-ethylhexyl)phthalate	18.73	149	485735	51.27	nq	# 98
84) Di-n-octyl phthalate	19.50	149	724918	46.67	nq	95
85) Indeno(1,2,3-cd)pyrene	21.69	276	562492	64.40	nq	100
87) Benzo(b)fluoranthene	19.95	252	462475	39.34	nq	98
88) Benzo(k)fluoranthene	19.98	252	517661	45.66	nq	96
89) Benzo(a)pyrene	20.30	252	491061	45.27	nq	98
90) Dibenzo(a,h)anthracene	21.69	278	456841	51.00	nq	97
91) Benzo(g,h,i)perylene	22.07	276	465013	52.90	nq	99

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

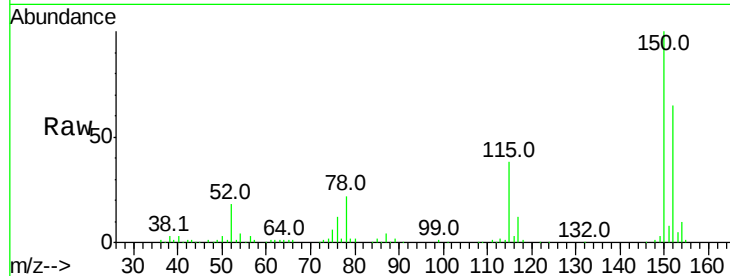


#1

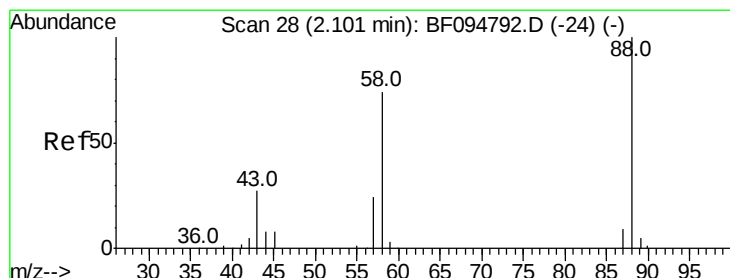
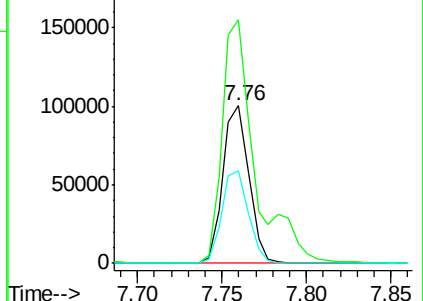
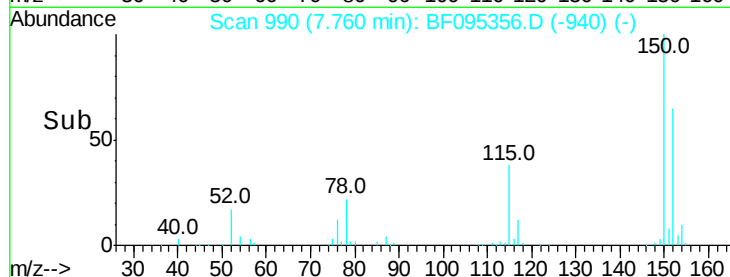
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.76 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 108159
Ion Ratio Lower Upper
152 100
150 154.8 126.2 189.2
115 59.0 52.2 78.2



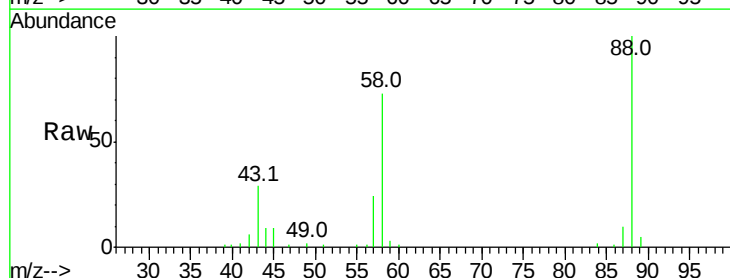
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



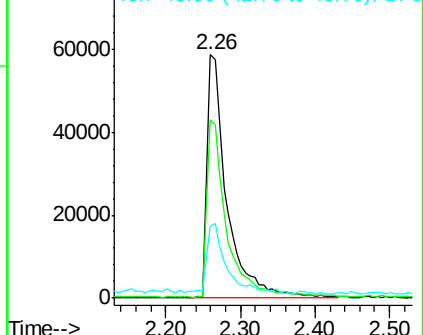
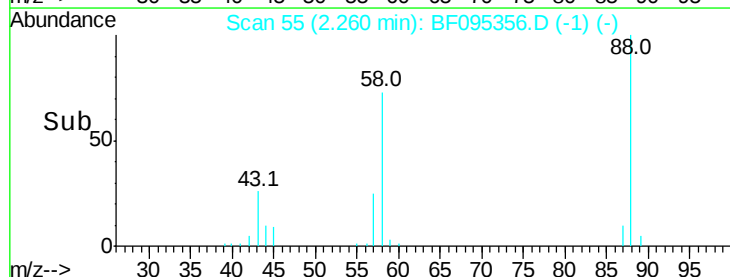
#2

1,4-Dioxane
Concen: 34.21 ng
RT: 2.26 min Scan# 55
Delta R.T. 0.03 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion: 88 Resp: 108846
Ion Ratio Lower Upper
88 100
58 75.4 61.4 92.0
43 24.7 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

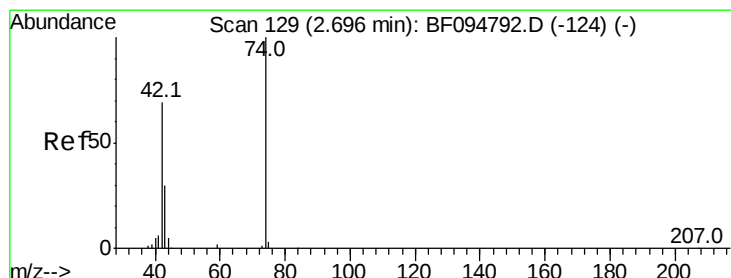
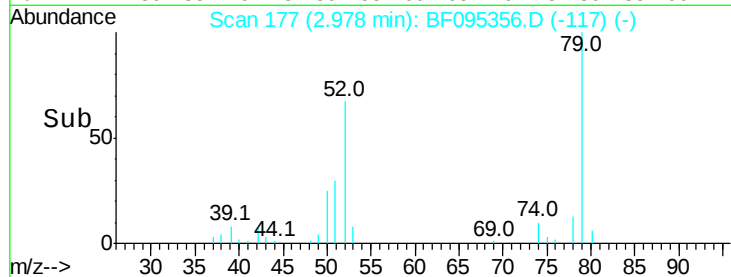
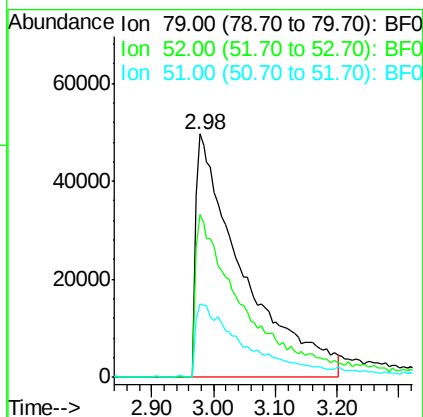
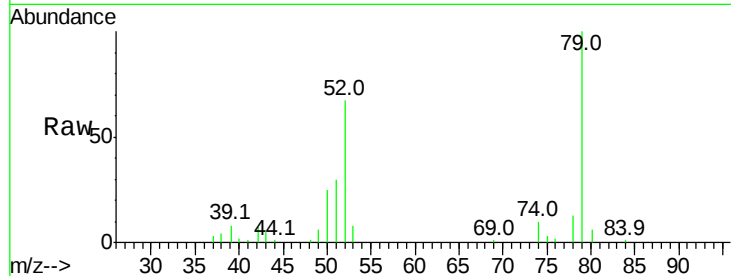




#3
 Pvridine
 Concen: 35.37 ng
 RT: 2.98 min Scan# 177
 Delta R.T. 0.05 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

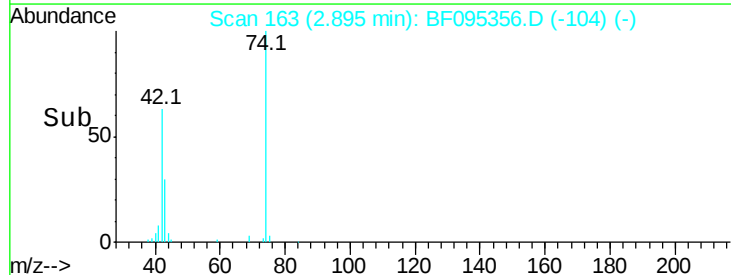
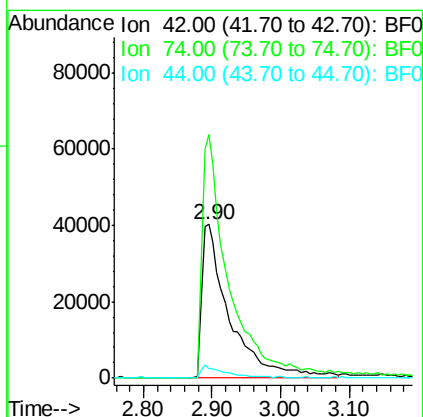
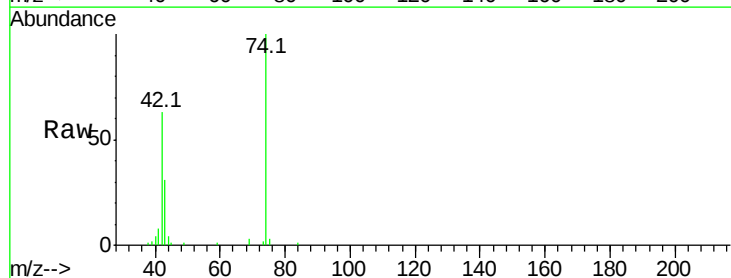
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 79 Resp: 260826
 Ion Ratio Lower Upper
 79 100
 52 66.9 54.8 82.2
 51 30.3 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 37.39 ng
 RT: 2.90 min Scan# 163
 Delta R.T. 0.05 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion: 42 Resp: 114925
 Ion Ratio Lower Upper
 42 100
 74 158.5 103.9 155.9#
 44 6.5 5.7 8.5

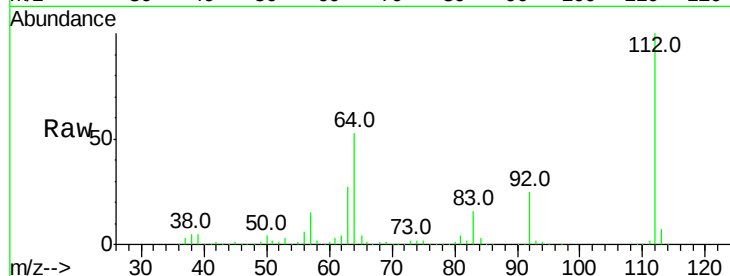




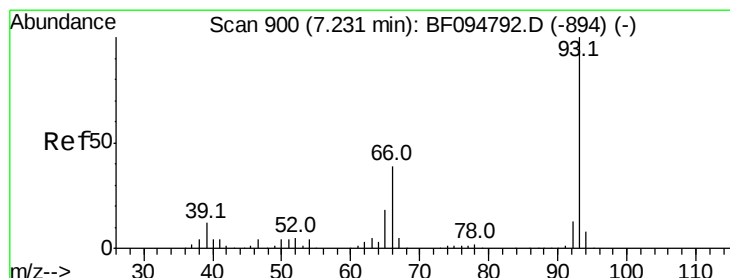
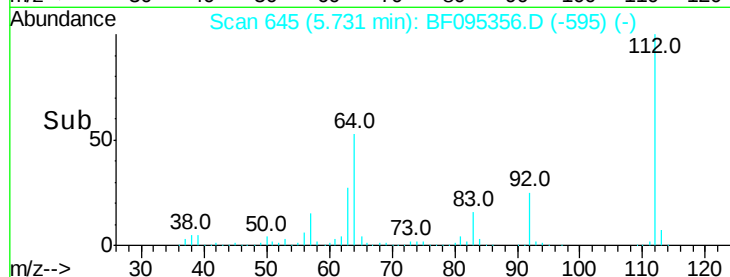
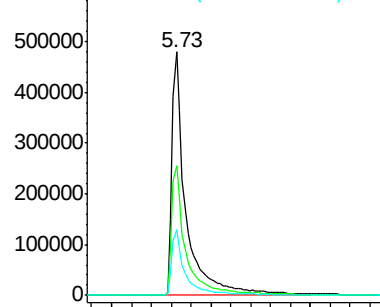
#5
 2-Fluorophenol
 Concen: 145.40 ng
 RT: 5.73 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:112 Resp: 943279
 Ion Ratio Lower Upper
 112 100
 64 53.5 46.0 69.0
 63 26.9 23.4 35.0

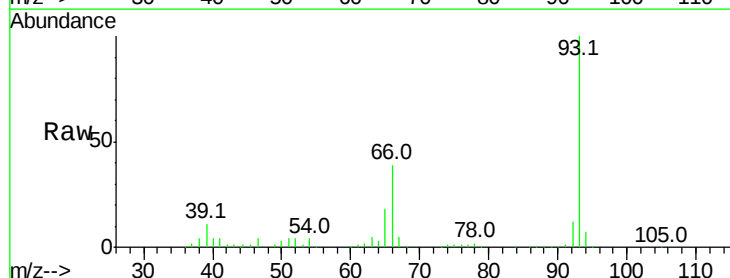


Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0

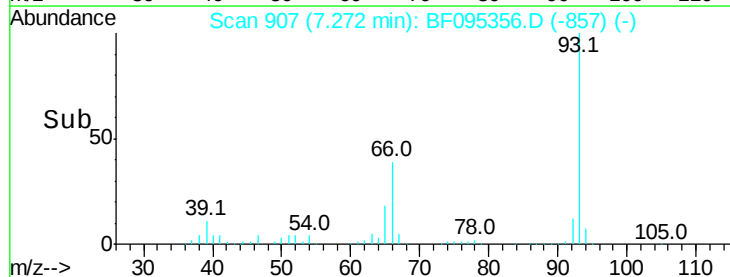
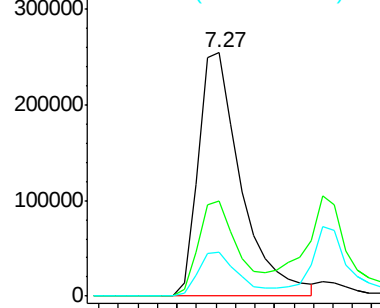


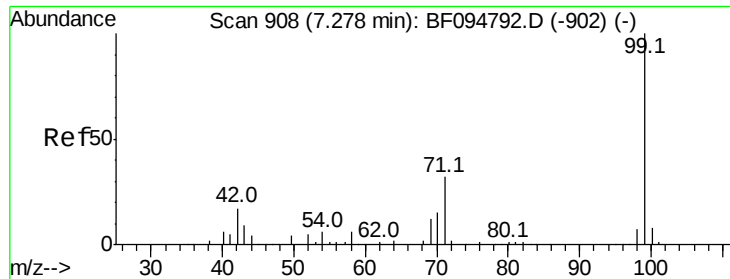
#6
 Aniline
 Concen: 39.45 ng
 RT: 7.27 min Scan# 907
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion: 93 Resp: 387621
 Ion Ratio Lower Upper
 93 100
 66 39.1 32.9 49.3
 65 18.1 16.0 24.0



Abundance Ion 93.00 (92.70 to 93.70): BF0
 Ion 66.00 (65.70 to 66.70): BF0
 Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 139.62 ng

RT: 7.31 min Scan# 914

Delta R.T. -0.00 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

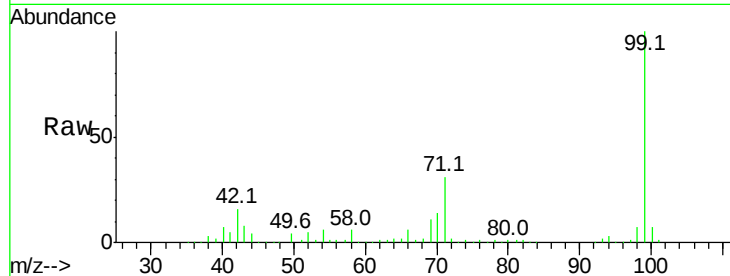
Tot Ion: 99 Resp: 1086771

Ion Ratio Lower Upper

99 100

42 15.7 13.5 20.3

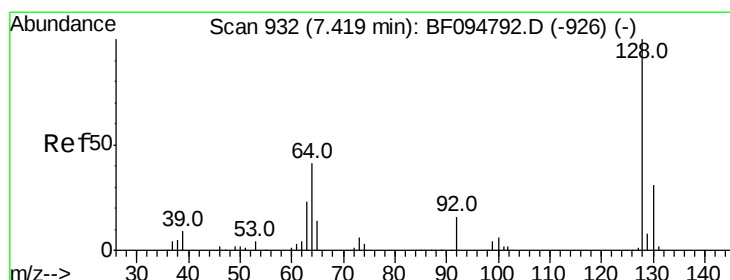
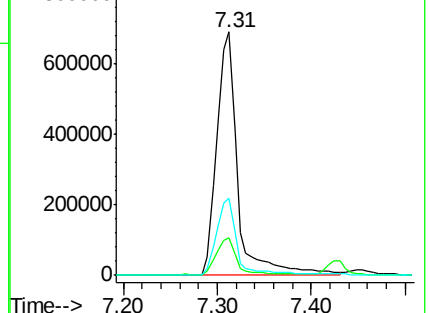
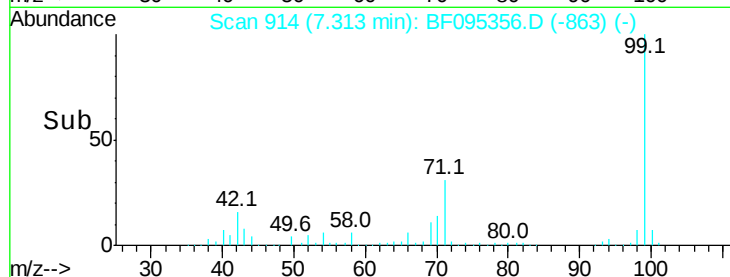
71 31.5 24.5 36.7



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: 47.23 ng

RT: 7.45 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

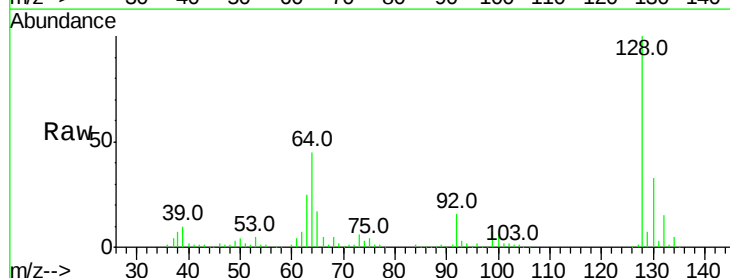
Tgt Ion:128 Resp: 348731

Ion Ratio Lower Upper

128 100

130 32.8 12.9 52.9

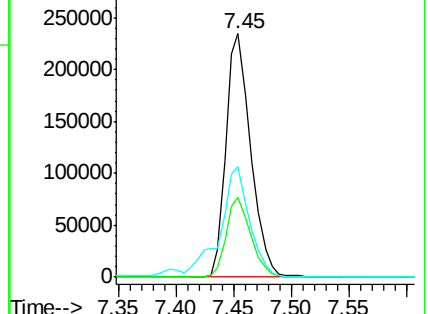
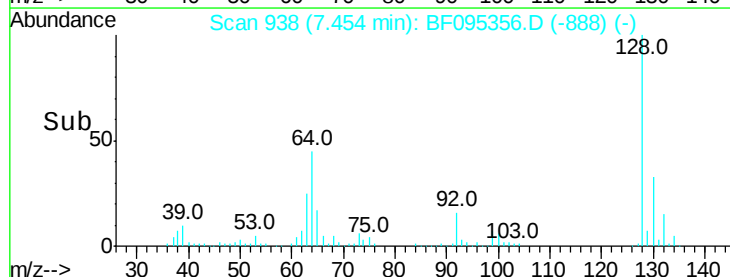
64 45.3 28.4 68.4

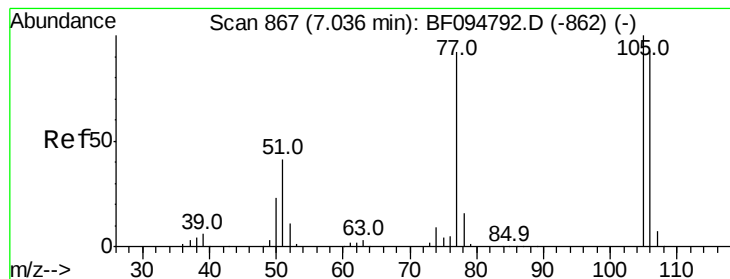


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 20.16 ng

RT: 7.10 min Scan# 877

Delta R.T. 0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

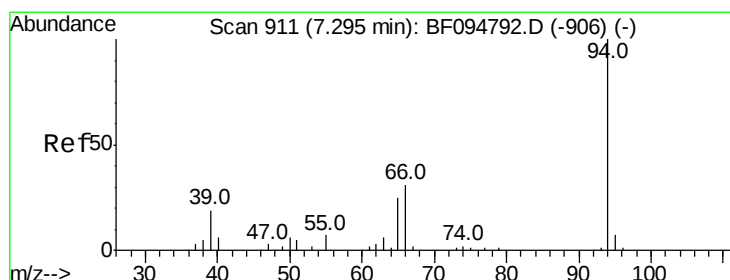
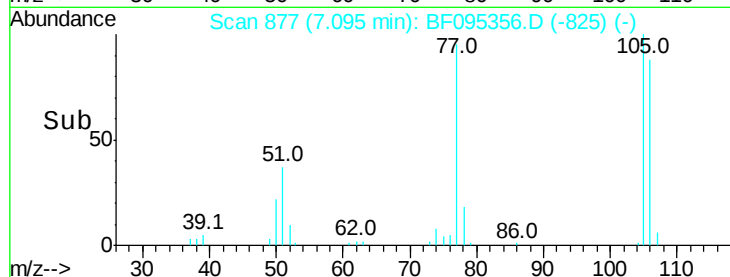
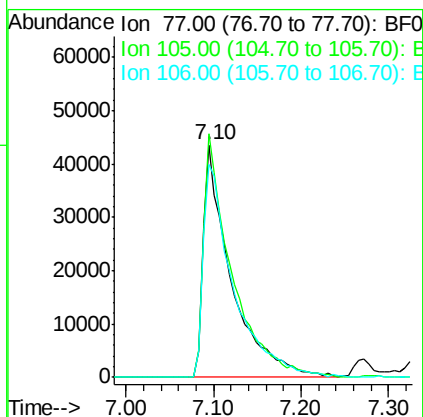
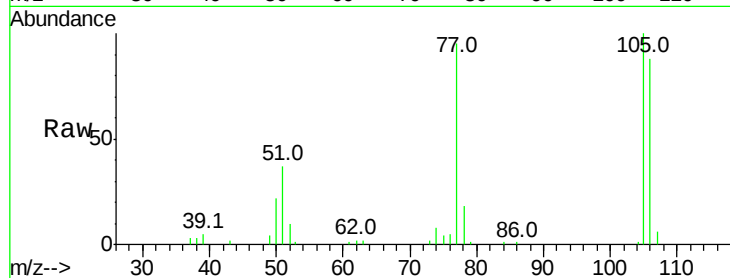
Tot Ion: 77 Resp: 95827

Ion Ratio Lower Upper

77 100

105 104.9 83.8 123.8

106 92.0 79.1 119.1



#10

Phenol

Concen: 47.86 ng

RT: 7.32 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

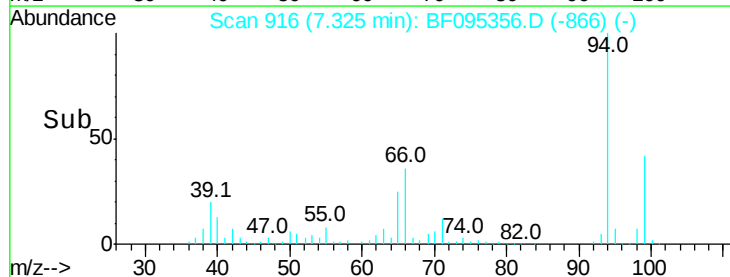
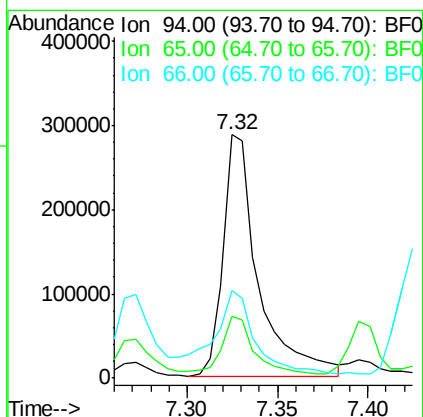
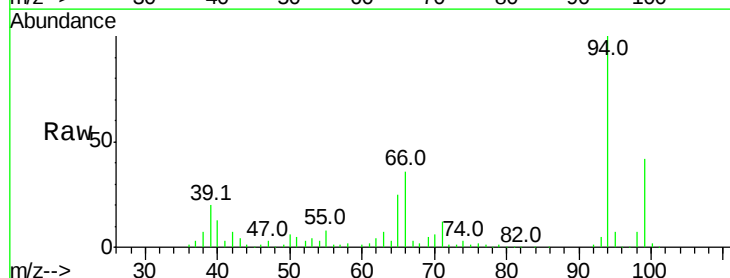
Tgt Ion: 94 Resp: 392531

Ion Ratio Lower Upper

94 100

65 25.2 9.9 49.9

66 36.1 23.1 63.1





#11

bis(2-Chloroethyl)ether

Concen: 45.05 ng

RT: 7.40 min Scan# 928

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

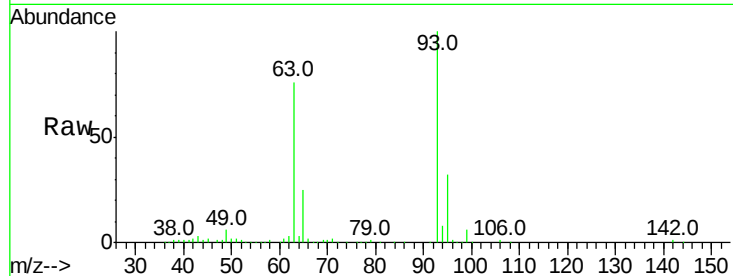
Tot Ion: 93 Resp: 305046

Ion Ratio Lower Upper

93 100

63 76.3 59.2 99.2

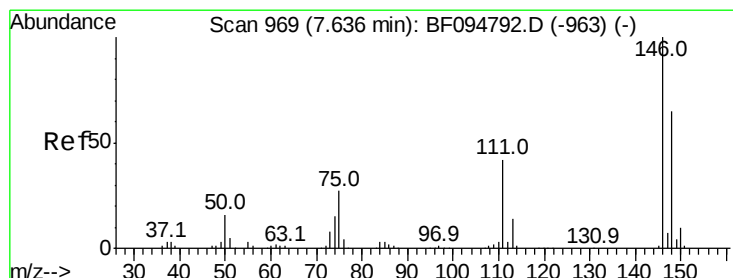
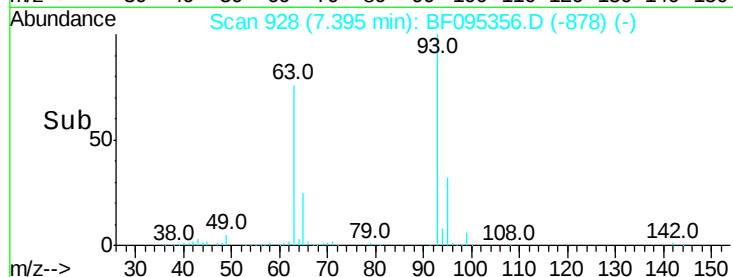
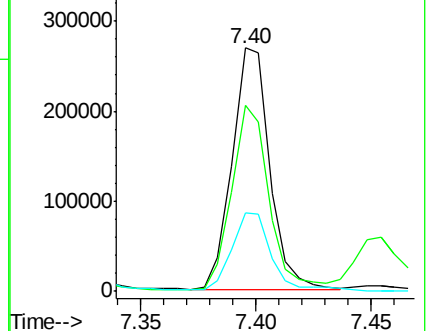
95 32.5 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0



#12

1,3-Dichlorobenzene

Concen: 43.09 ng

RT: 7.66 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

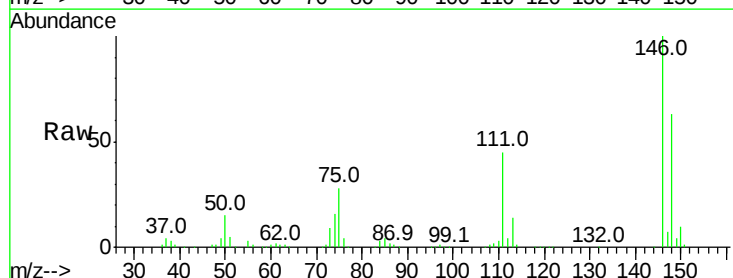
Tgt Ion: 146 Resp: 360942

Ion Ratio Lower Upper

146 100

148 63.1 51.8 77.6

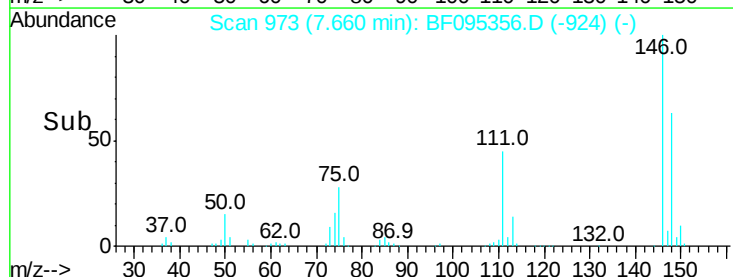
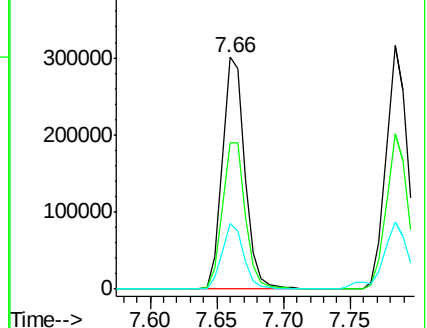
75 28.4 23.1 34.7



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

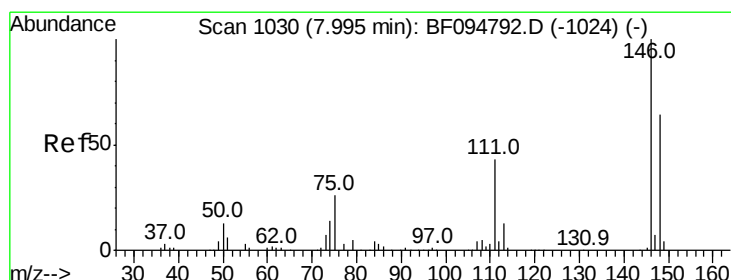
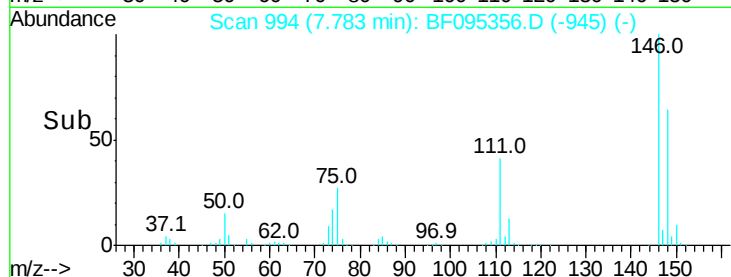
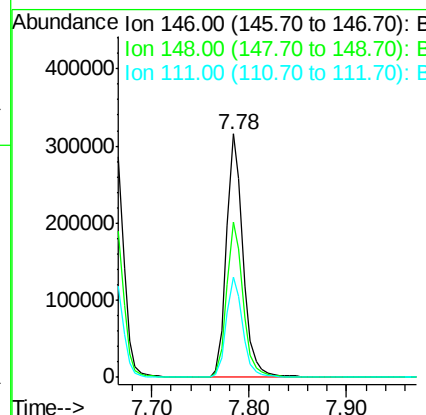
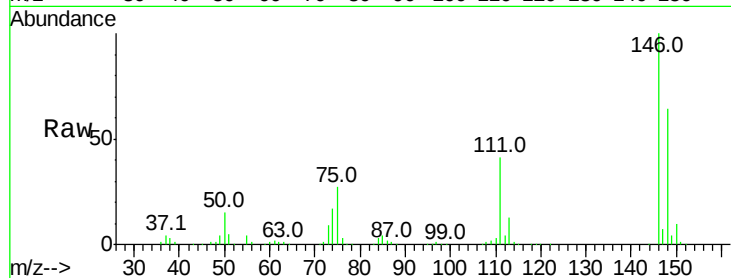




#13
 1,4-Dichlorobenzene
 Concen: 43.99 ng
 RT: 7.78 min Scan# 994
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

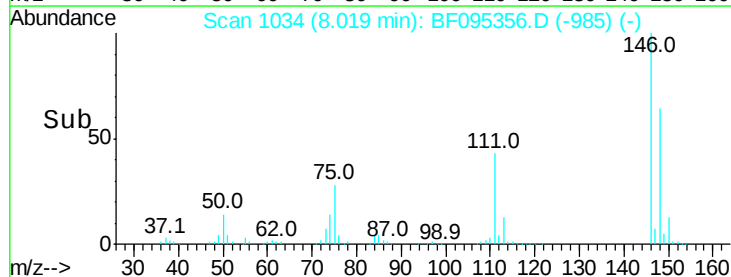
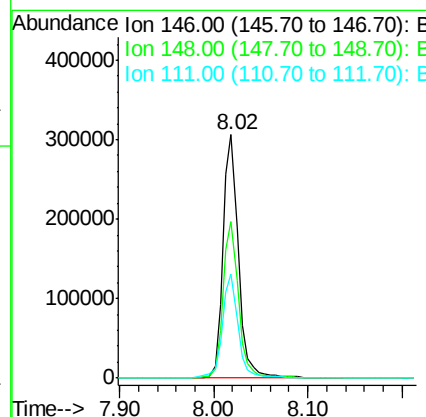
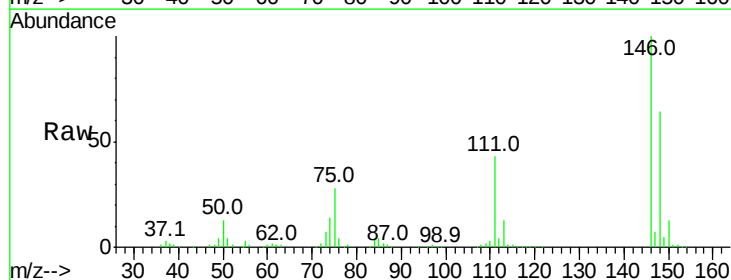
Instrument :
 BNA_F
 ClientSampleId :

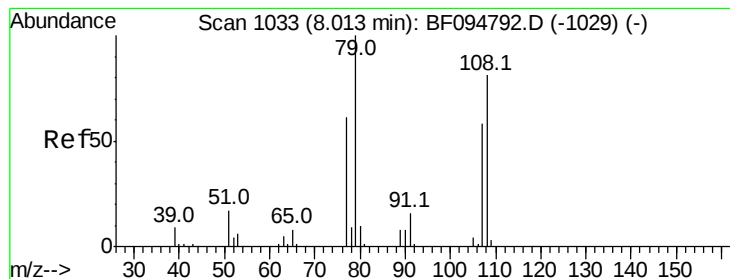
Tot Ion:146 Resp: 373665
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.2
 111 41.2 30.3 45.5



#14
 1,2-Dichlorobenzene
 Concen: 44.41 ng
 RT: 8.02 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion:146 Resp: 352155
 Ion Ratio Lower Upper
 146 100
 148 64.5 50.4 75.6
 111 42.7 38.2 57.4





#15

Benzyl Alcohol

Concen: 56.37 ng

RT: 8.05 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampled :

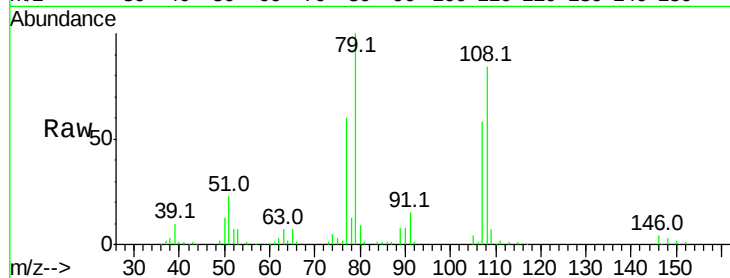
Tot Ion: 79 Resp: 282213

Ion Ratio Lower Upper

79 100

108 84.4 63.4 95.0

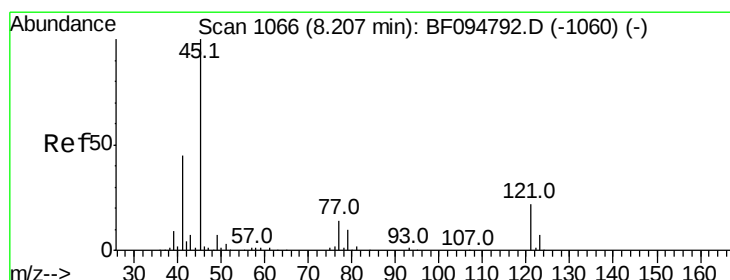
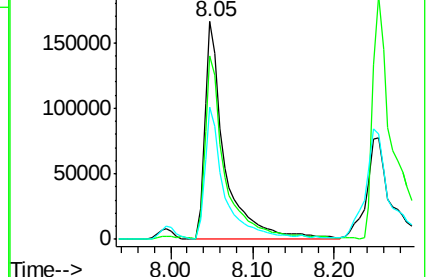
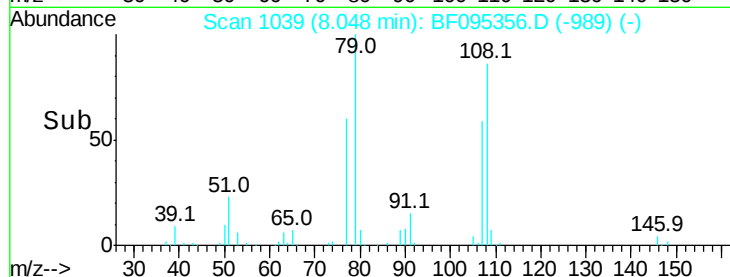
77 60.5 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0



#16

2,2'-oxybis(1-chloropropane)

Concen: 42.56 ng

RT: 8.24 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

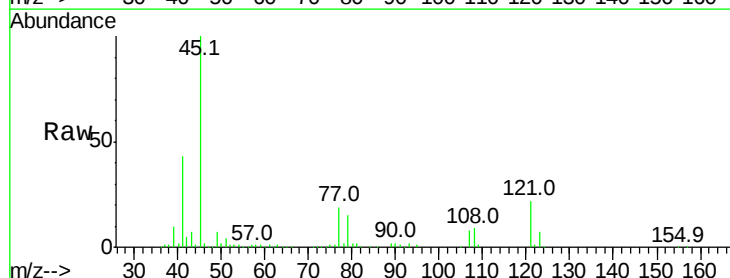
Tgt Ion: 45 Resp: 407940

Ion Ratio Lower Upper

45 100

77 18.9 0.0 33.2

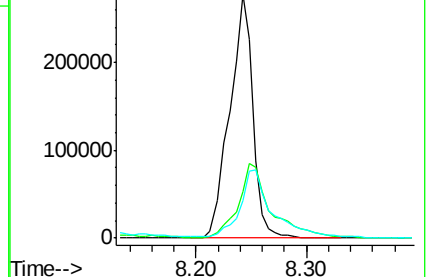
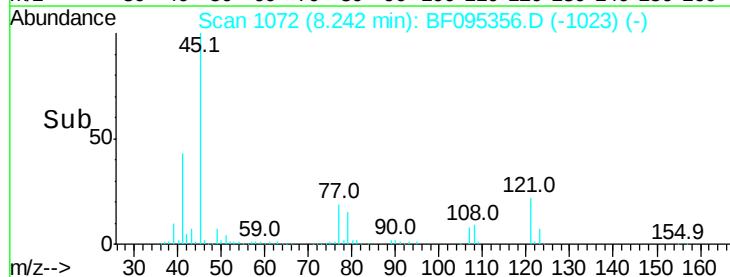
79 15.3 0.0 30.0

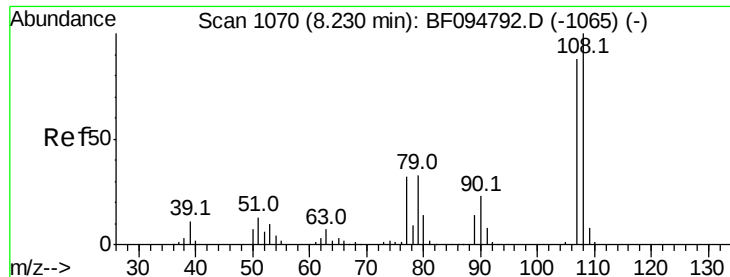


Abundance Ion 45.00 (44.70 to 45.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#17

2-Methylphenol

Concen: 46.91 ng

RT: 8.25 min Scan# 1074

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 283487

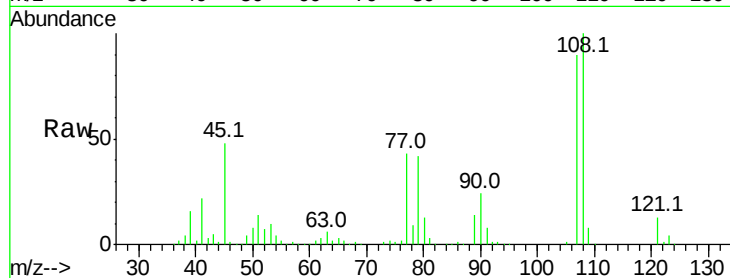
Ion Ratio Lower Upper

107 100

108 111.6 93.4 140.0

77 48.2 35.8 53.6

79 46.7 34.8 52.2

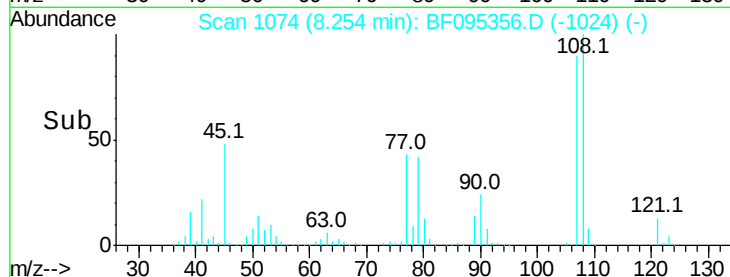


Abundance Ion 107.00 (106.70 to 107.70): E

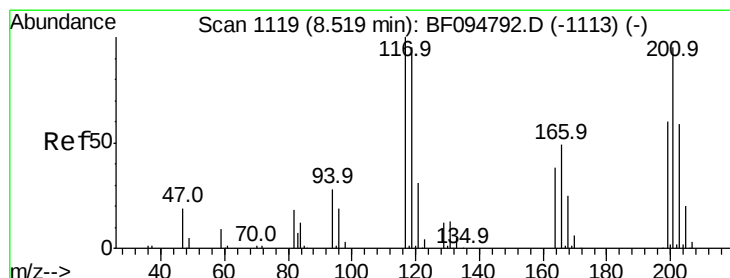
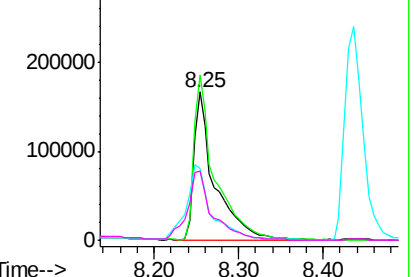
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



Time-->



#18

Hexachloroethane

Concen: 41.37 ng

RT: 8.53 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

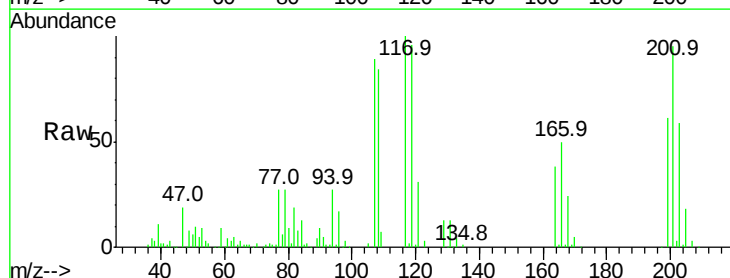
Tgt Ion:117 Resp: 119032

Ion Ratio Lower Upper

117 100

119 96.5 77.4 116.0

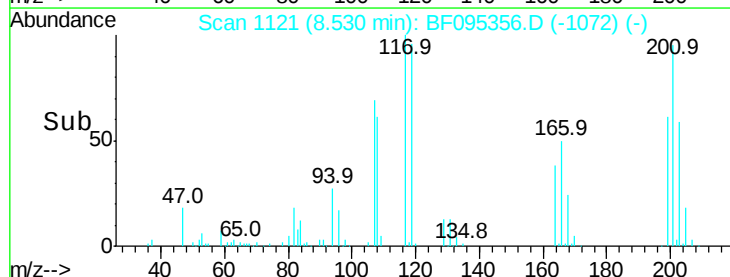
201 95.1 94.6 141.8



Abundance Ion 117.00 (116.70 to 117.70): E

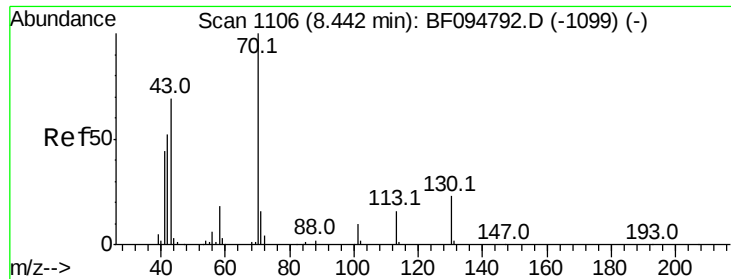
Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



Time-->

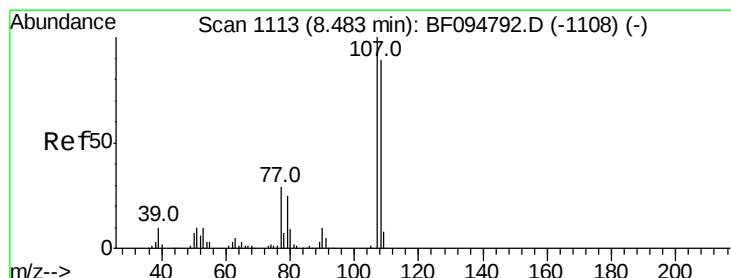
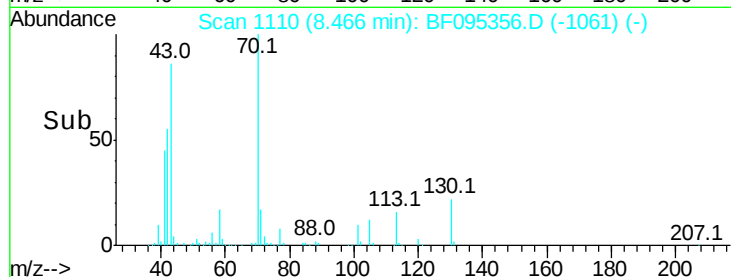
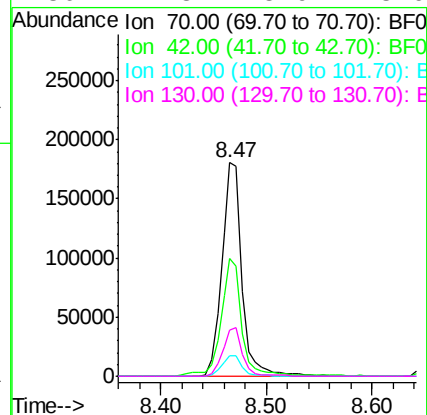
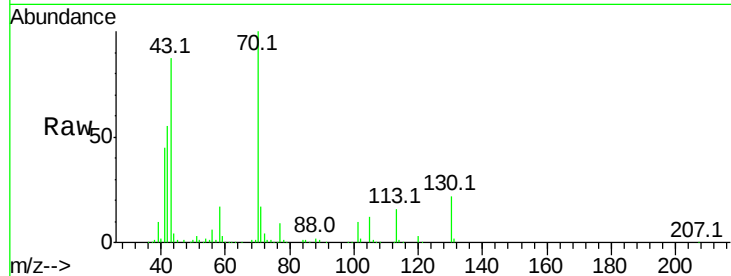
Time-->



#19
n-Nitroso-di-n-propylamine
Concen: 45.77 ng
RT: 8.47 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

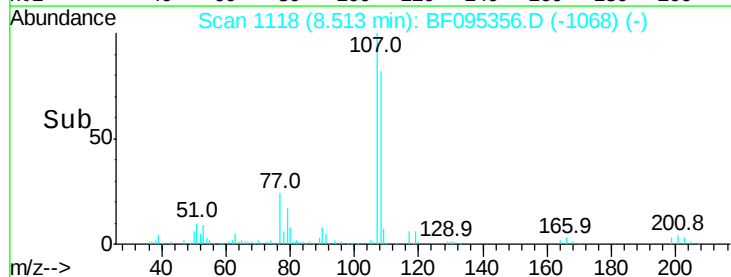
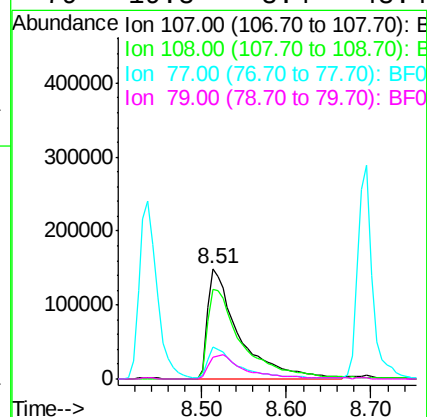
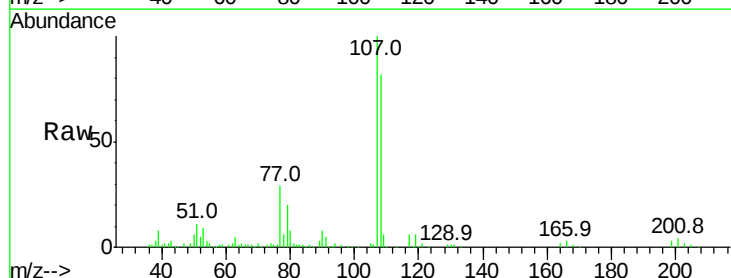
Instrument :
BNA_F
ClientSampleId :

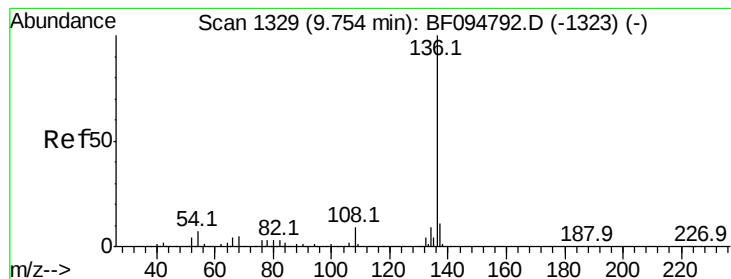
Tot Ion: 70 Resp: 240964
Ion Ratio Lower Upper
70 100
42 55.1 47.2 70.8
101 9.8 7.2 10.8
130 21.8 15.9 23.9



#20
3+4-Methylphenols
Concen: 46.46 ng
RT: 8.51 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion: 107 Resp: 381511
Ion Ratio Lower Upper
107 100
108 81.9 71.0 111.0
77 28.6 90.5 130.5#
79 19.8 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.77 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 446634

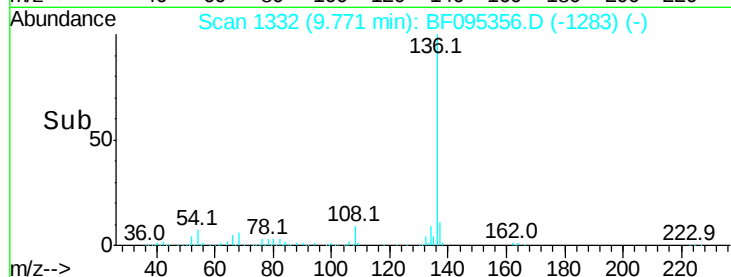
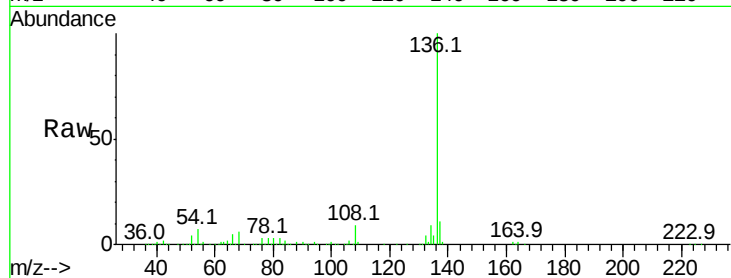
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 7.0 4.9 7.3

68 5.5 4.1 6.1



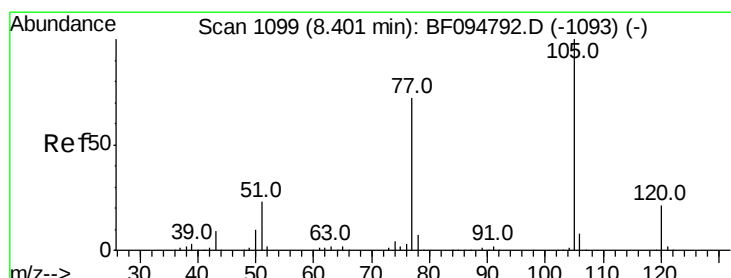
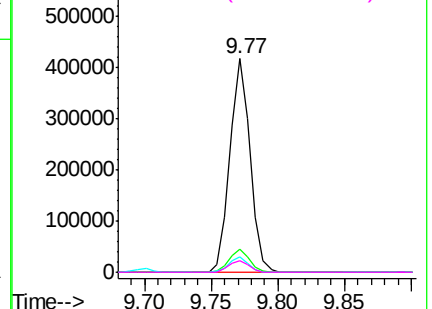
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 45.84 ng

RT: 8.44 min Scan# 1105

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Tgt Ion:105 Resp: 491186

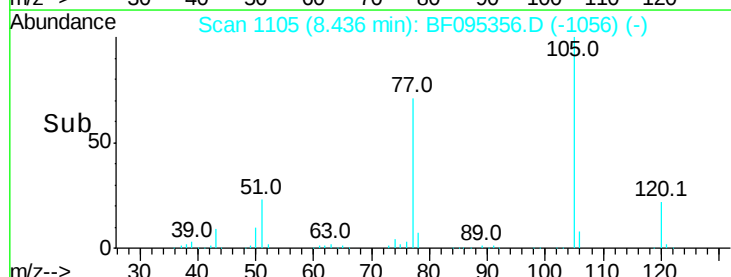
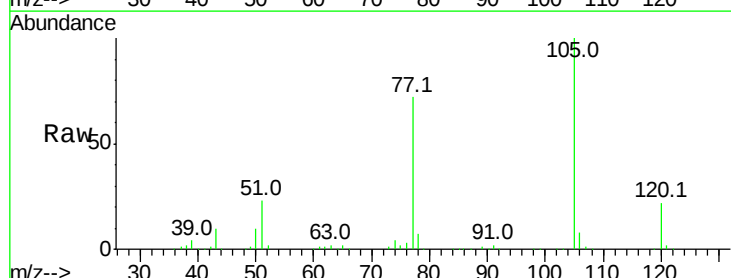
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.9 30.7 46.1#

120 21.9 17.4 26.0



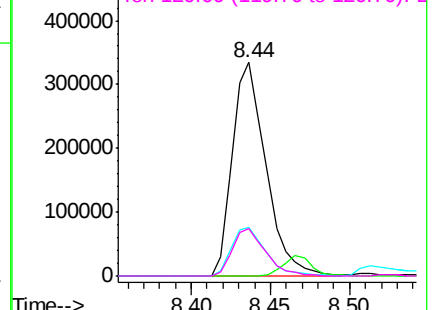
Abundance

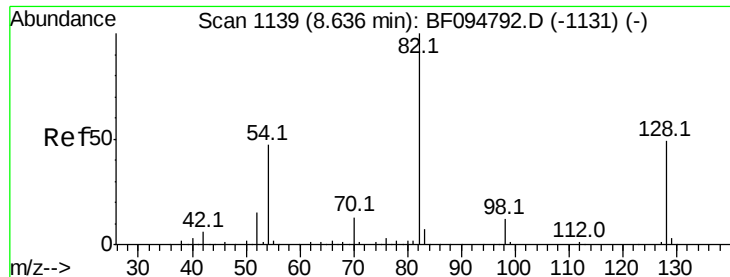
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

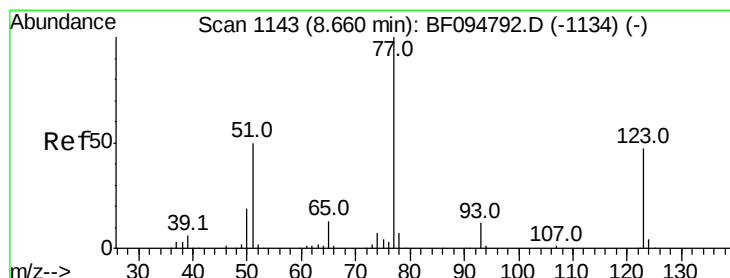
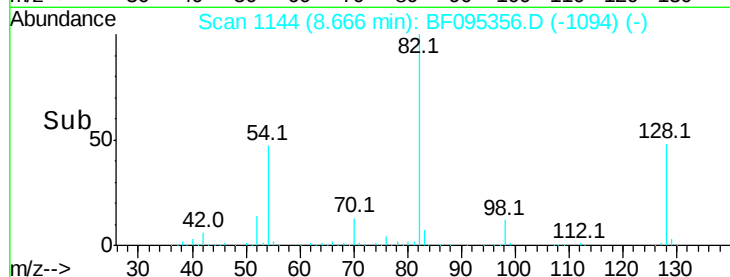
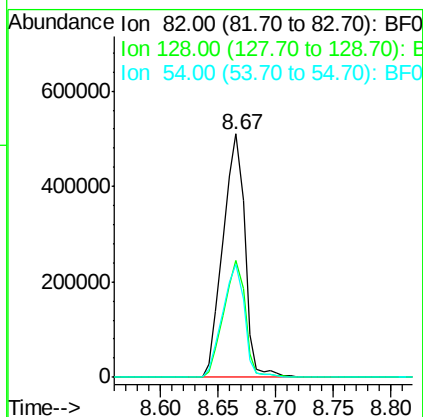
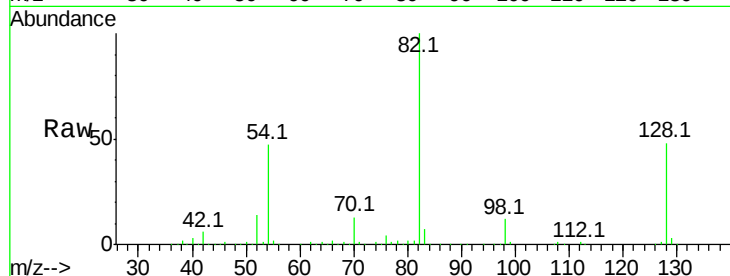




#23
Nitrobenzene-d5
Concen: 95.18 ng
RT: 8.67 min Scan# 1144
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

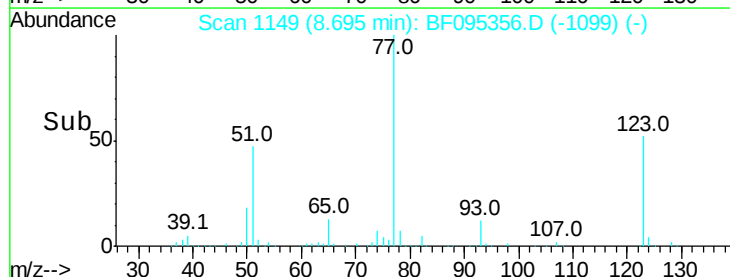
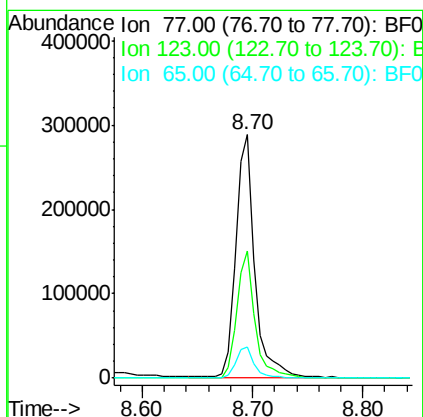
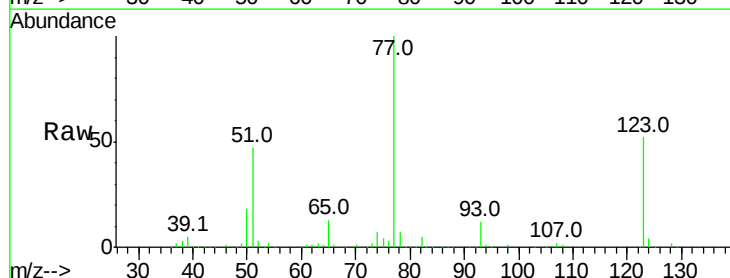
Instrument :
BNA_F
ClientSampleId :

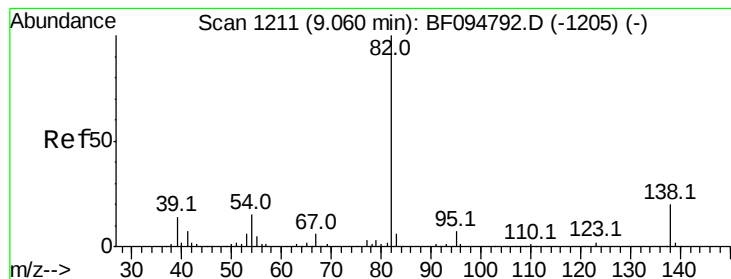
Tot Ion: 82 Resp: 674112
Ion Ratio Lower Upper
82 100
128 47.8 34.0 51.0
54 46.5 42.2 63.2



#24
Nitrobenzene
Concen: 46.56 ng
RT: 8.70 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion: 77 Resp: 345698
Ion Ratio Lower Upper
77 100
123 52.0 35.8 53.8
65 12.8 10.6 15.8





#25

Isophorone

Concen: 49.52 ng

RT: 9.10 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

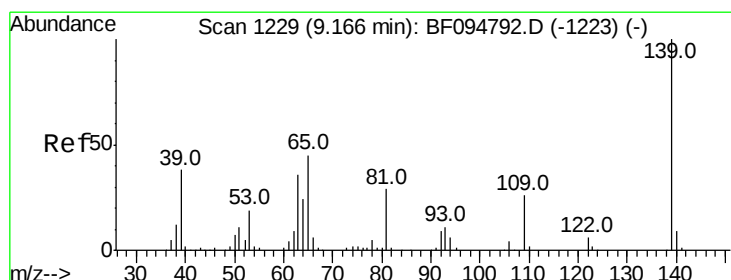
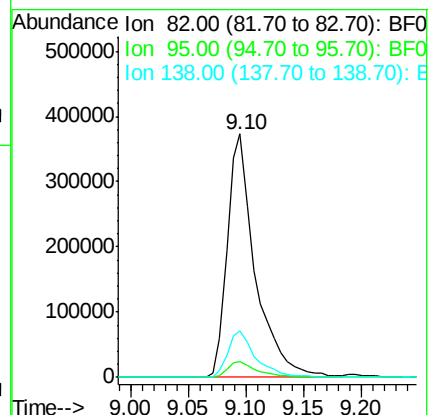
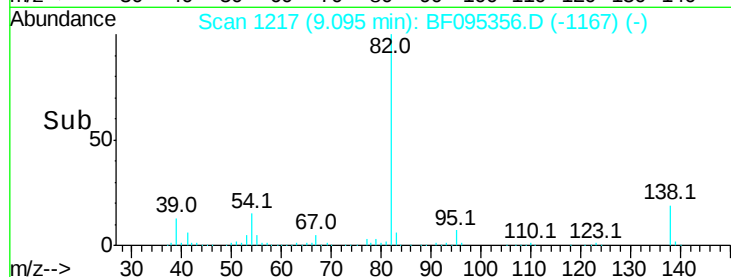
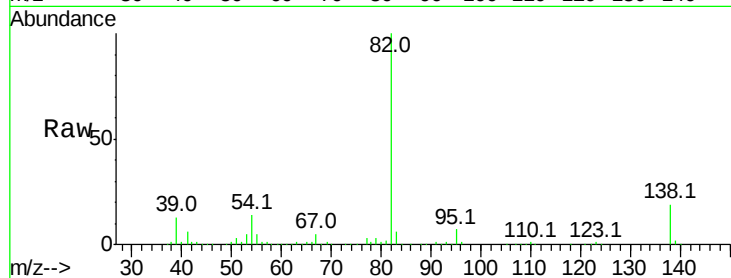
Tot Ion: 82 Resp: 626249

Ion Ratio Lower Upper

82 100

95 6.6 5.3 7.9

138 19.2 13.1 19.7



#26

2-Nitrophenol

Concen: 49.03 ng

RT: 9.20 min Scan# 1234

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

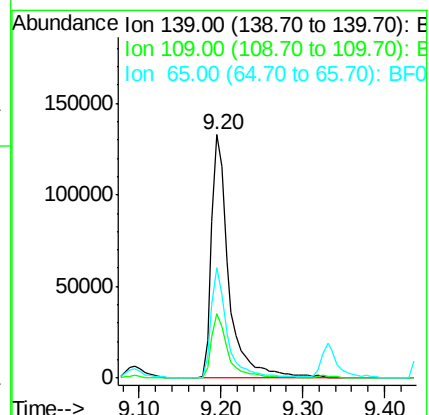
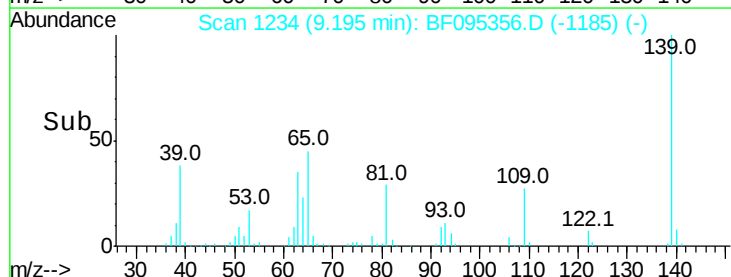
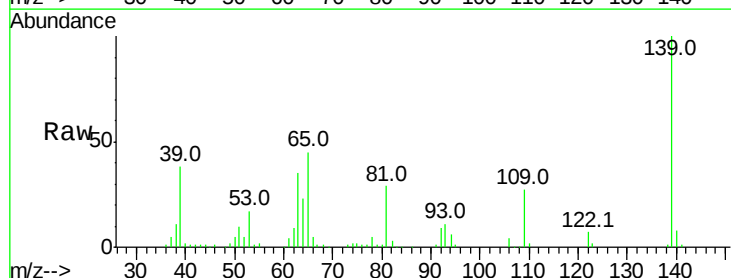
Tgt Ion:139 Resp: 196408

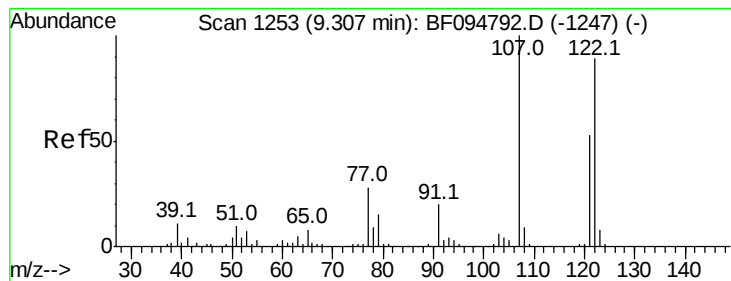
Ion Ratio Lower Upper

139 100

109 26.6 21.0 31.6

65 45.1 33.0 49.6





#27

2,4-Dimethylphenol

Concen: 48.50 ng

RT: 9.33 min Scan# 1257

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

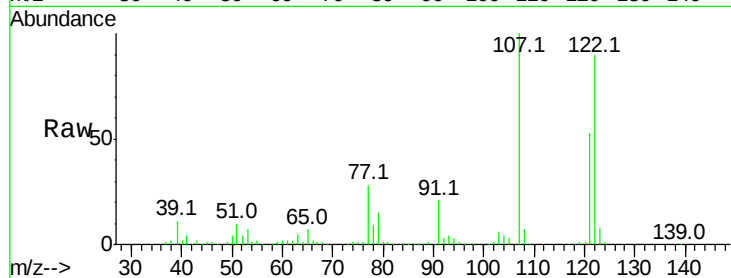
Tot Ion:122 Resp: 314117

Ion Ratio Lower Upper

122 100

107 110.6 89.2 133.8

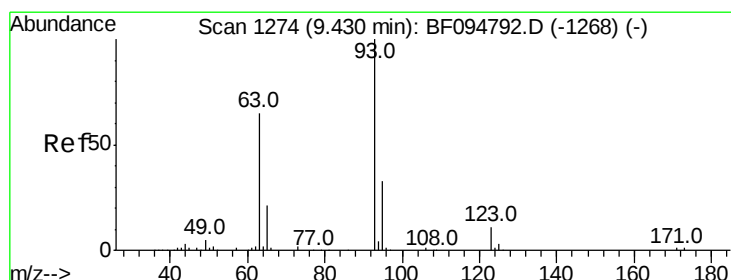
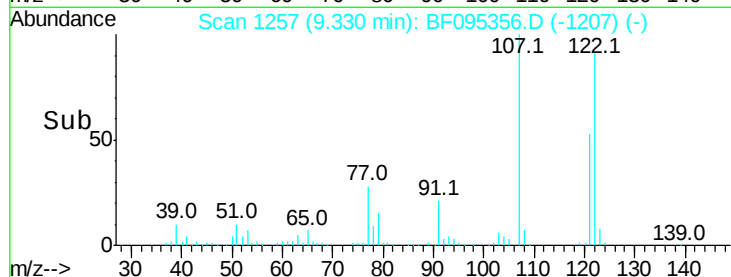
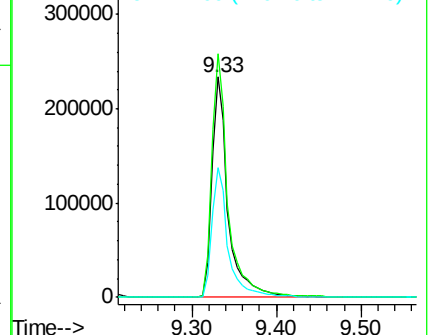
121 58.8 45.2 67.8



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: 46.16 ng

RT: 9.45 min Scan# 1278

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

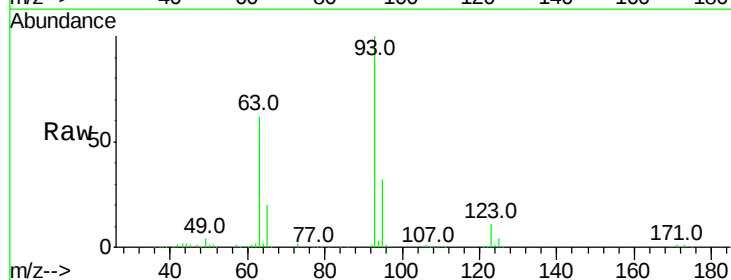
Tgt Ion: 93 Resp: 403875

Ion Ratio Lower Upper

93 100

95 32.5 26.5 39.7

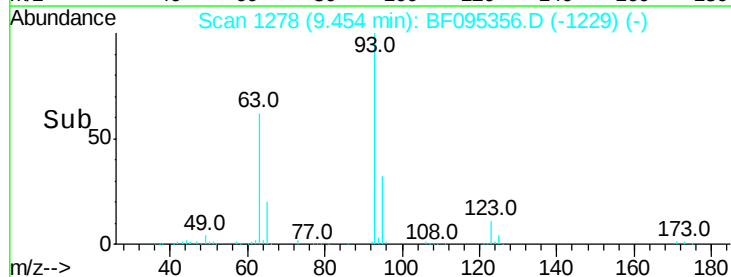
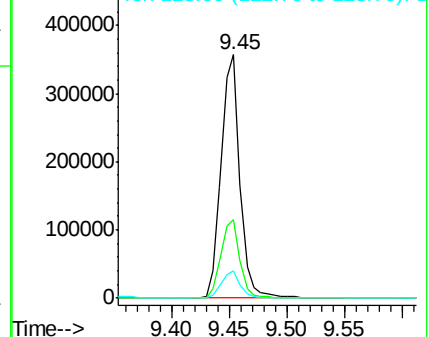
123 11.0 9.0 13.4

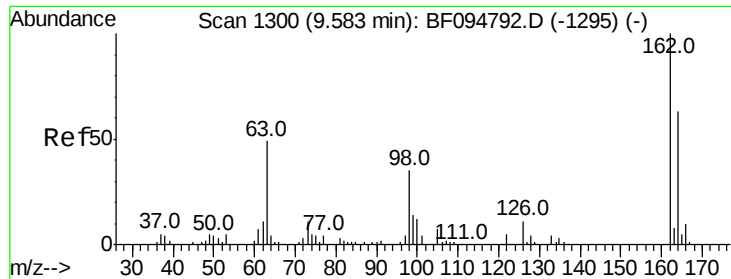


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

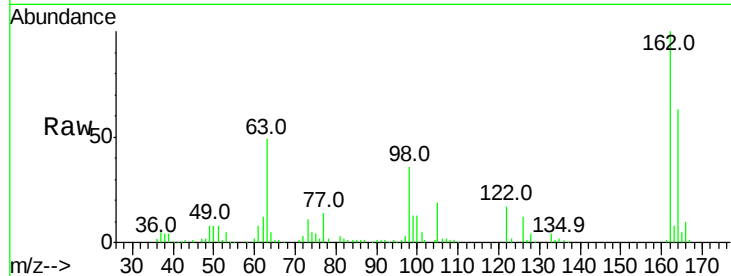




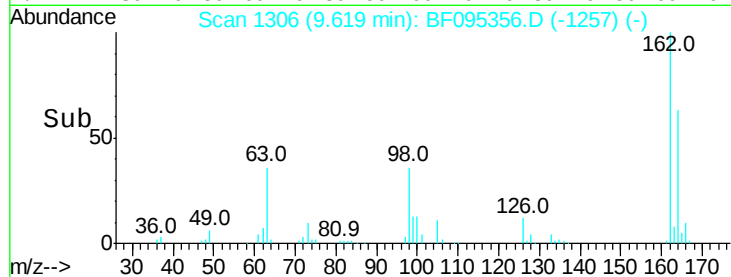
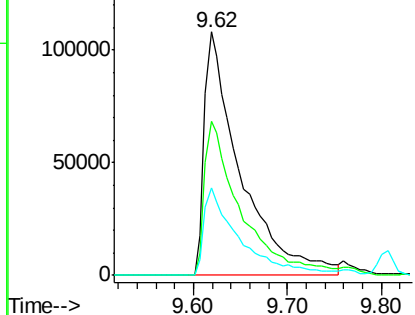
#29
 2,4-Dichlorophenol
 Concen: 47.51 ng
 RT: 9.62 min Scan# 1306
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.4	44.6	84.6
98	35.9	14.8	54.8

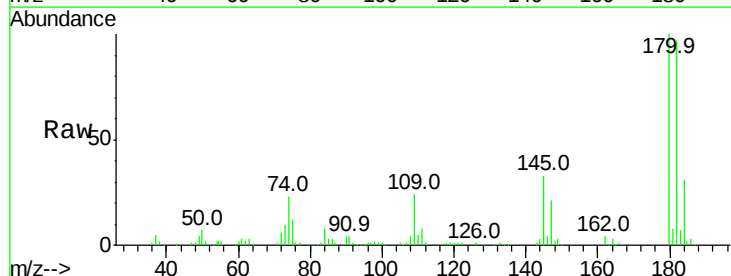


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

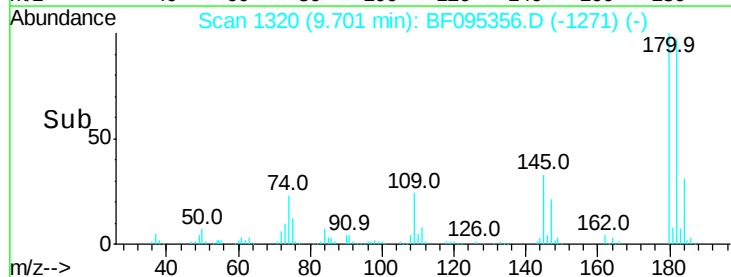
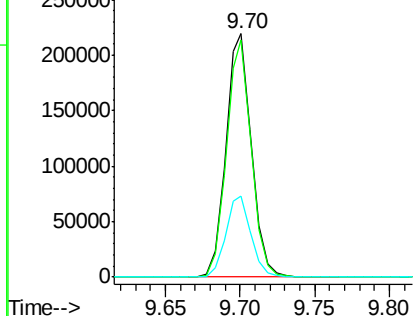


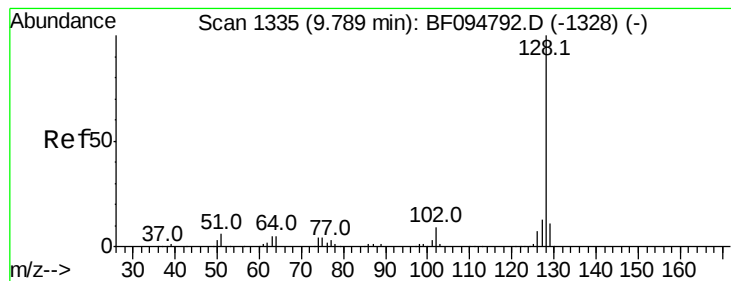
#30
 1,2,4-Trichlorobenzene
 Concen: 40.17 ng
 RT: 9.70 min Scan# 1320
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.2	75.8	113.6
145	33.4	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: 44.26 ng

RT: 9.81 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampled :

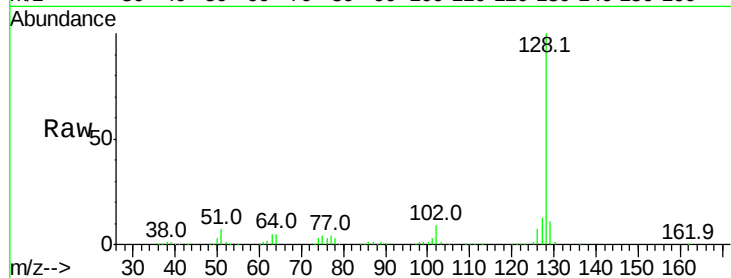
Tot Ion:128 Resp: 993439

Ion Ratio Lower Upper

128 100

129 10.9 9.0 13.6

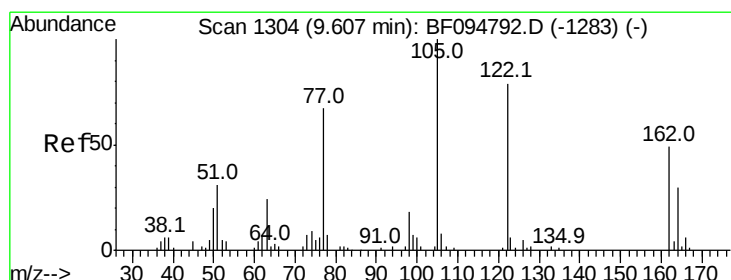
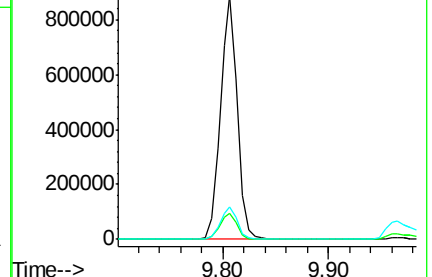
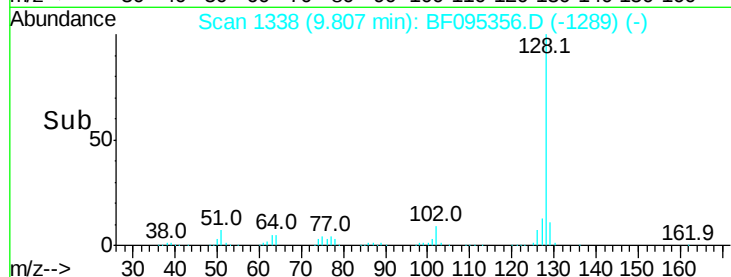
127 13.4 10.8 16.2



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: 16.23 ng

RT: 9.62 min Scan# 1306

Delta R.T. -0.05 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

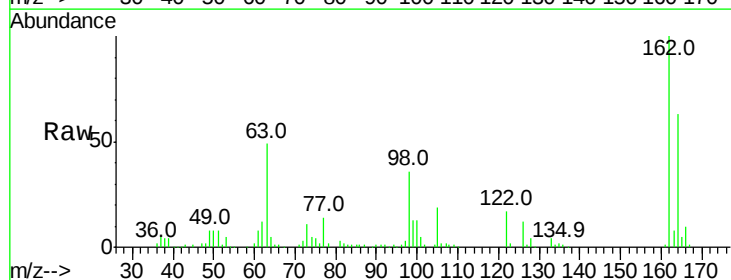
Tgt Ion:122 Resp: 53005

Ion Ratio Lower Upper

122 100

105 112.5 103.3 143.3

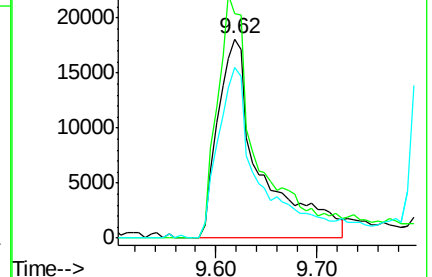
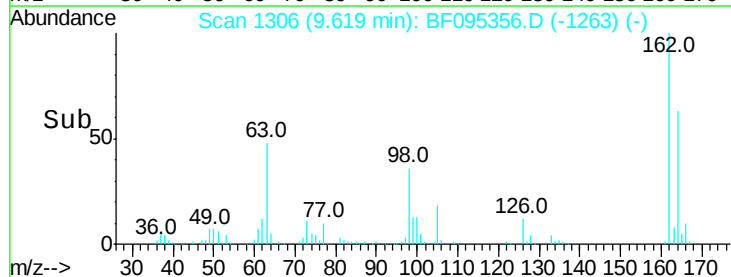
77 85.6 73.7 113.7

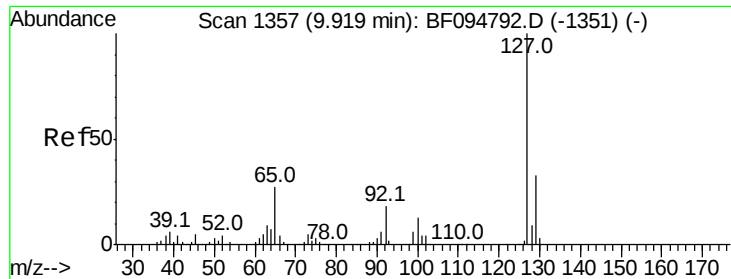


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

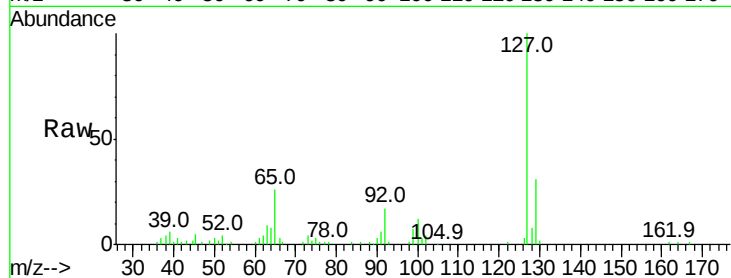




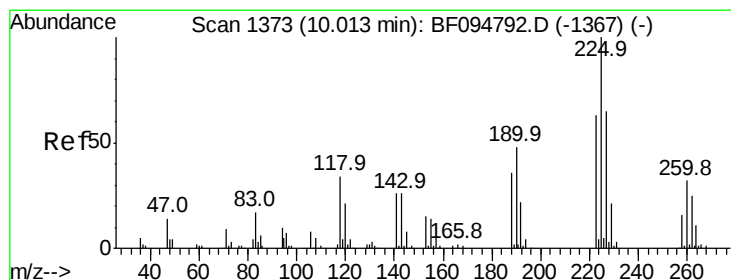
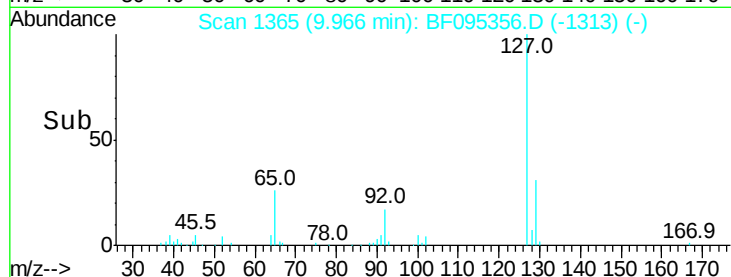
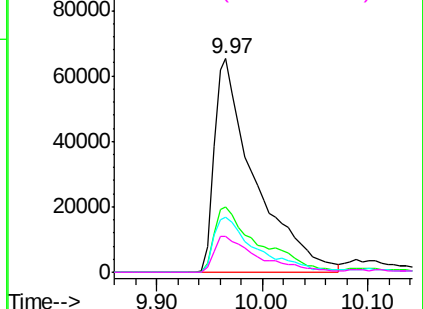
#33
4-Chloroaniline
Concen: 20.85 ng
RT: 9.97 min Scan# 1365
Delta R.T. 0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	174457
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.2	39.2
65	25.8	27.8	41.8#
92	17.0	16.8	25.2

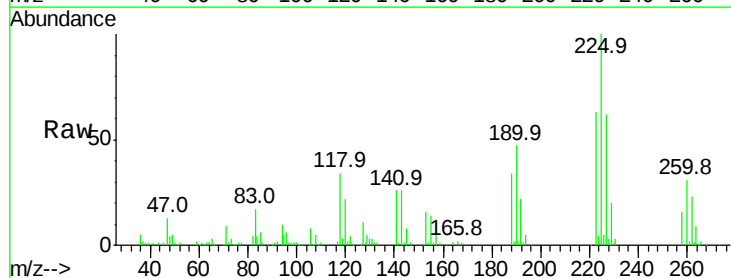


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

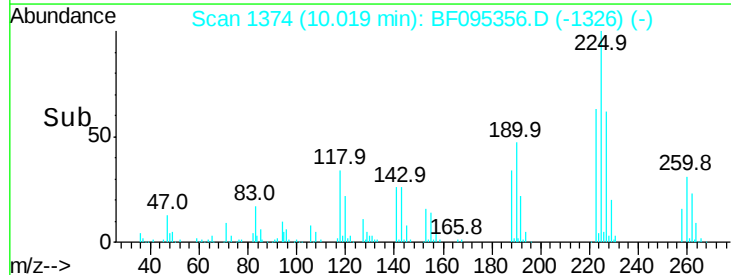
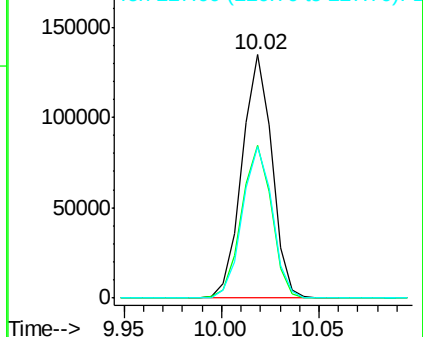


#34
Hexachlorobutadiene
Concen: 41.44 ng
RT: 10.02 min Scan# 1374
Delta R.T. -0.02 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion:	225	Resp:	143274
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.8	73.2
227	62.2	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: 19.61 ng

RT: 10.67 min Scan# 1485

Delta R.T. 0.08 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampled :

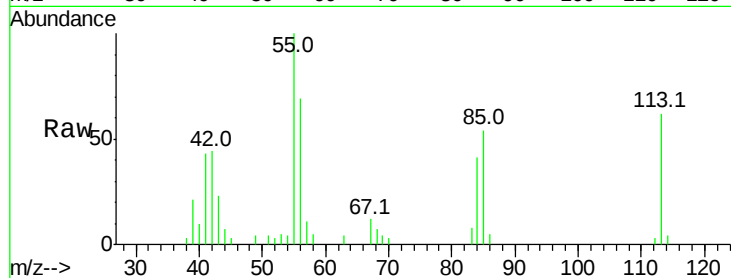
Tot Ion:113 Resp: 36008

Ion Ratio Lower Upper

113 100

55 162.3 150.2 190.2

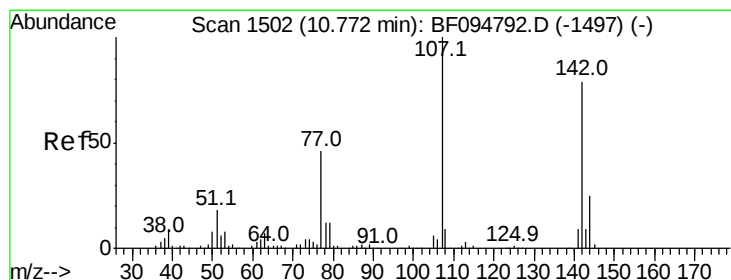
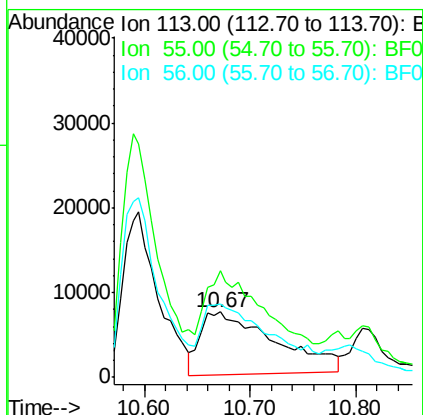
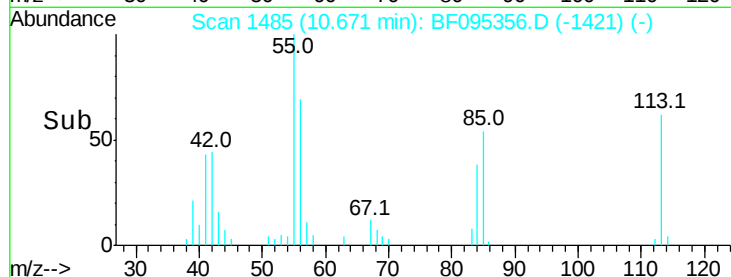
56 112.7 107.8 147.8



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#36

4-Chloro-3-methylphenol

Concen: 48.23 ng

RT: 10.81 min Scan# 1508

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

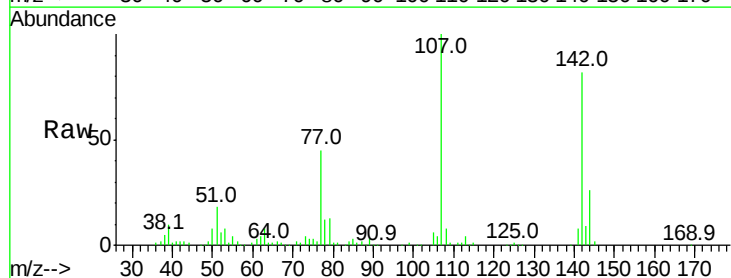
Tgt Ion:107 Resp: 315326

Ion Ratio Lower Upper

107 100

144 25.8 24.2 36.4

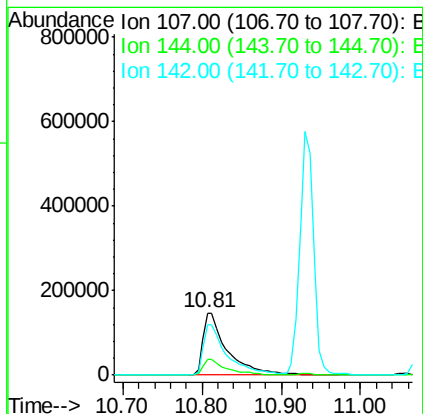
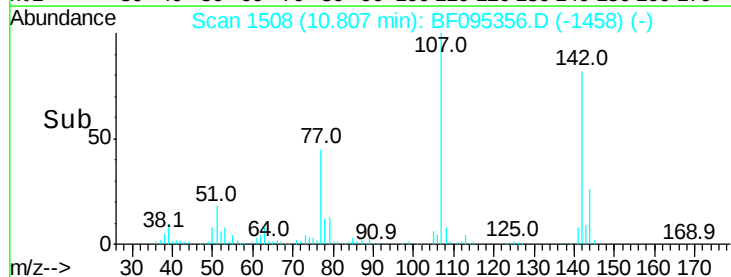
142 81.7 73.4 110.0

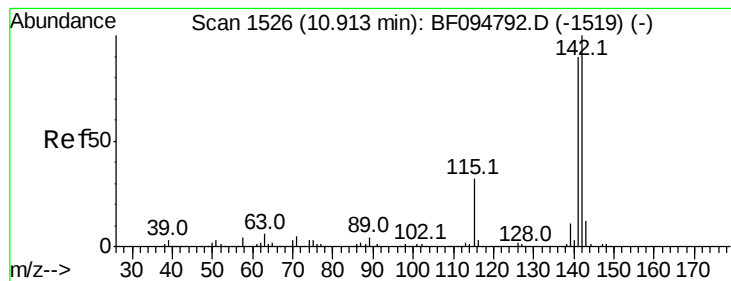


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 47.17 ng

RT: 10.93 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

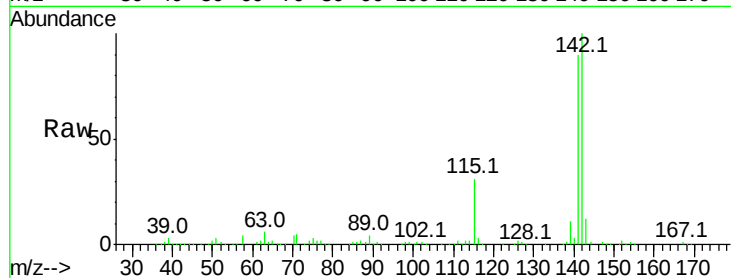
Tot Ion:142 Resp: 694988

Ion Ratio Lower Upper

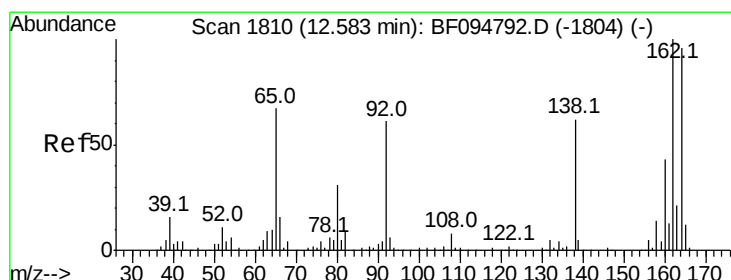
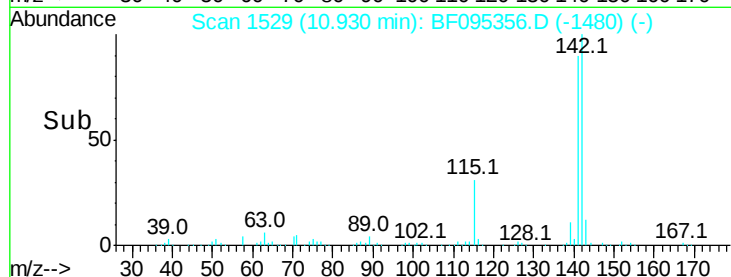
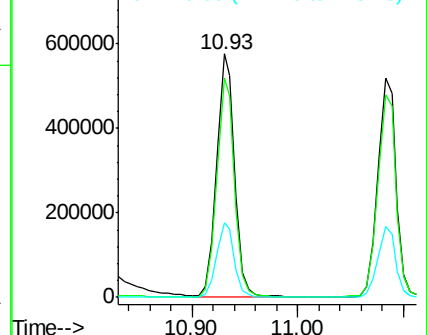
142 100

141 89.9 71.3 106.9

115 30.9 27.1 40.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.60 min Scan# 1813

Delta R.T. -0.02 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

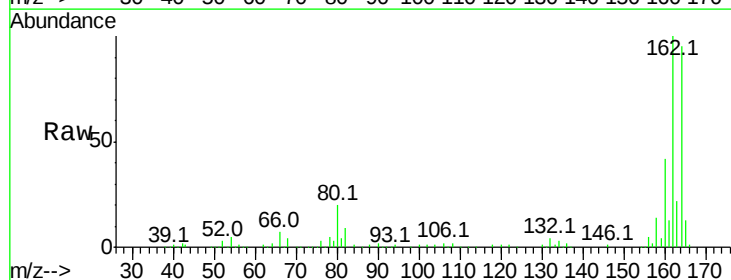
Tgt Ion:164 Resp: 204243

Ion Ratio Lower Upper

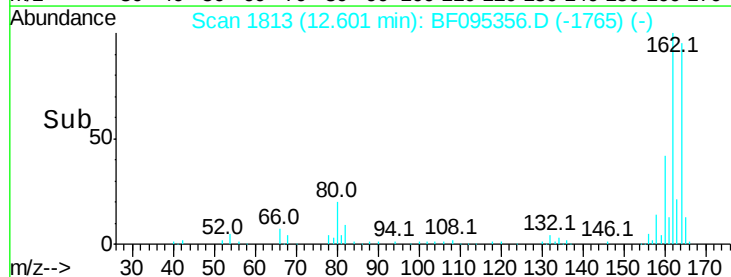
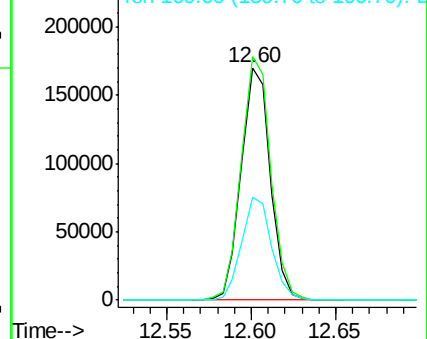
164 100

162 104.8 82.6 123.8

160 44.4 36.2 54.2



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





#39

1,2,4,5-Tetrachlorobenzene

Concen: 43.19 ng

RT: 11.21 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 271290

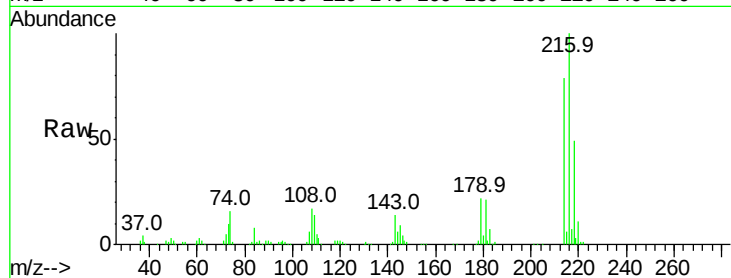
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.2

179 21.8 17.9 26.9

108 19.3 16.5 24.7

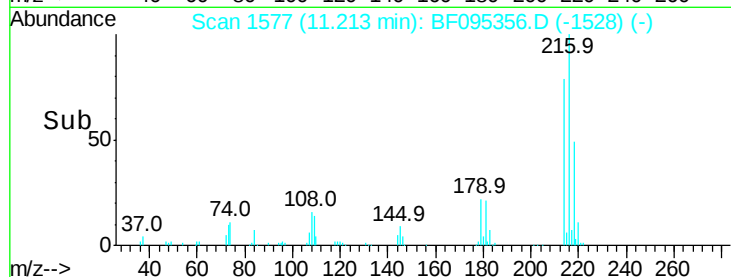


Abundance Ion 216.00 (215.70 to 216.70): E

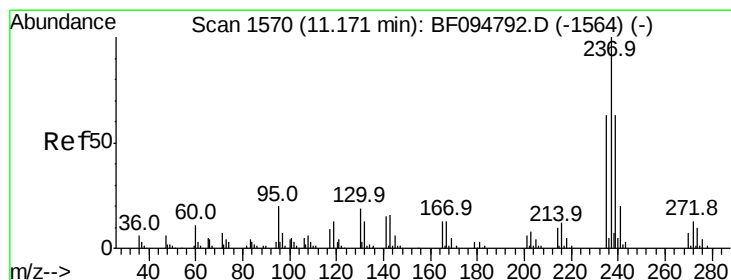
Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 43.57 ng

RT: 11.18 min Scan# 1572

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

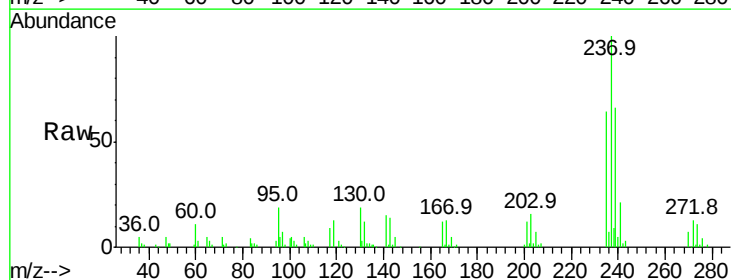
Tgt Ion:237 Resp: 107159

Ion Ratio Lower Upper

237 100

235 63.7 42.6 82.6

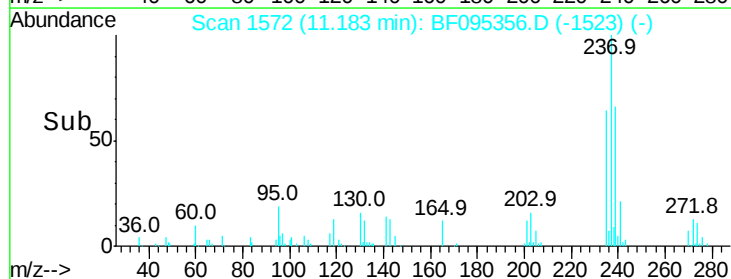
272 13.1 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



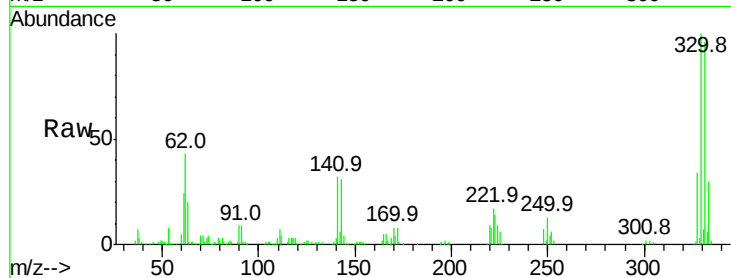
Time-->



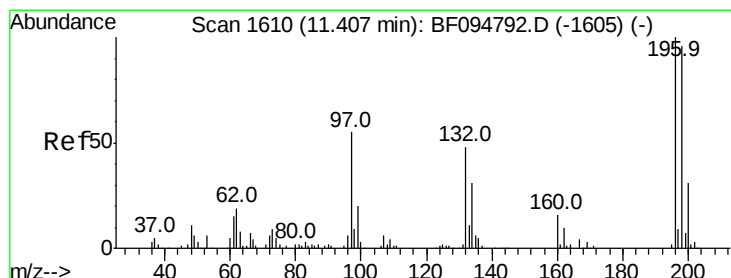
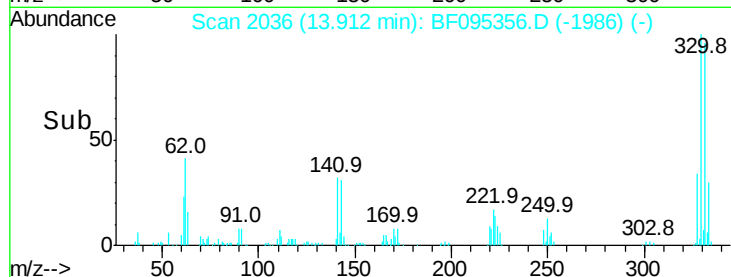
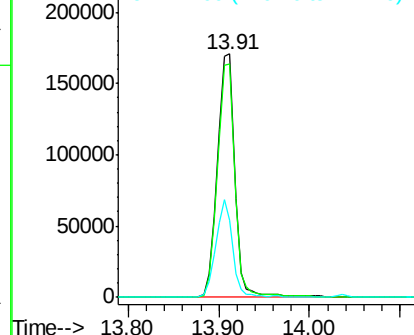
#41
 2,4,6-Tribromophenol
 Concen: 137.58 ng
 RT: 13.91 min Scan# 2036
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	76.6	115.0
141	38.6	31.4	47.2

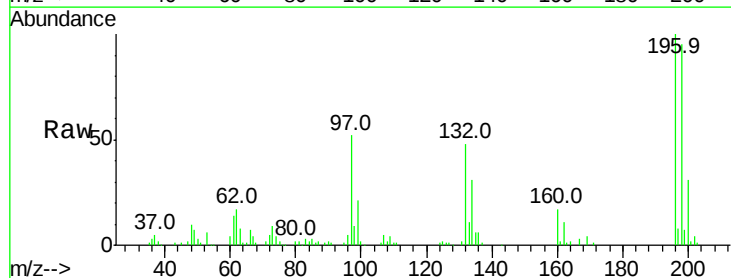


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

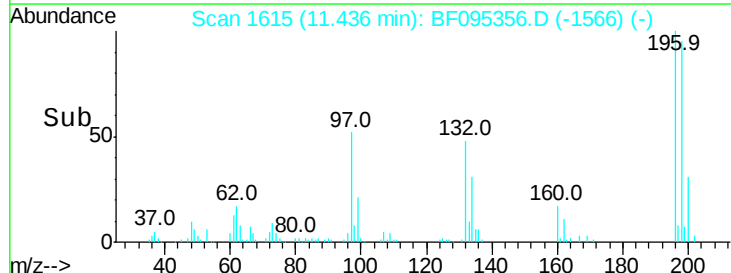
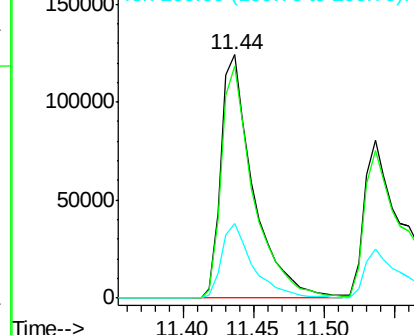


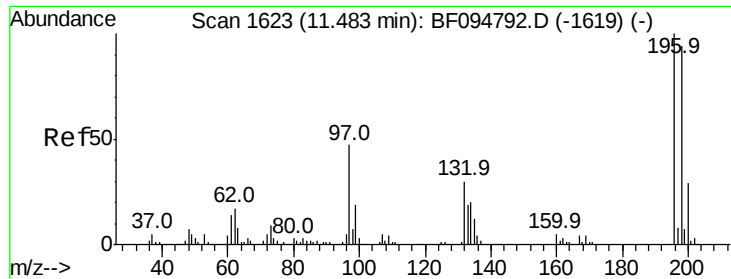
#42
 2,4,6-Trichlorophenol
 Concen: 47.27 ng
 RT: 11.44 min Scan# 1615
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.2	74.2	111.4
200	30.5	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

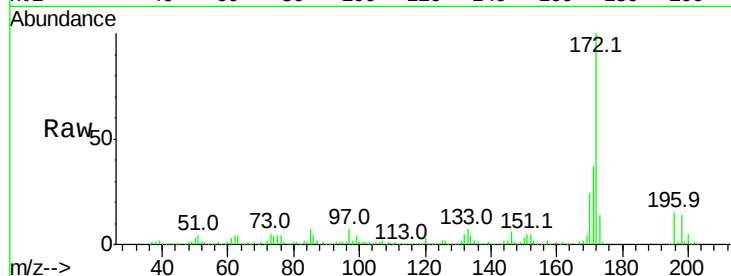




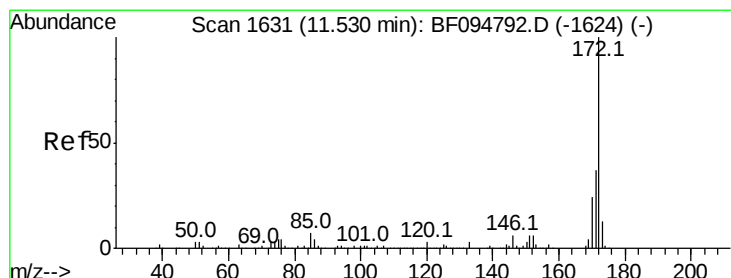
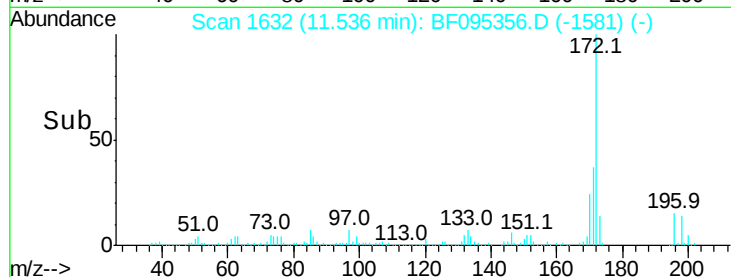
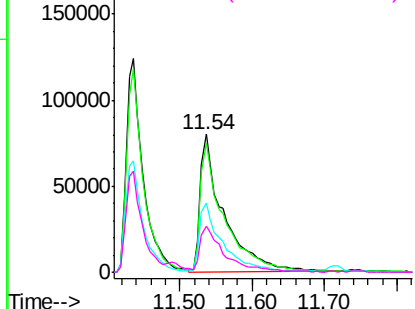
#43
 2,4,5-Trichlorophenol
 Concen: 39.81 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.00 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
196	100		
198	94.1	75.7	113.5
97	49.7	47.7	71.5
132	33.7	28.0	42.0

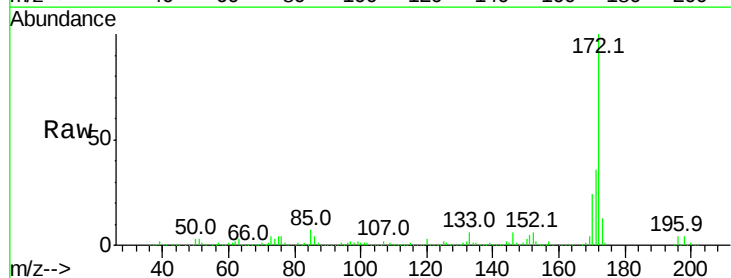


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF0
 Ion 132.00 (131.70 to 132.70): E

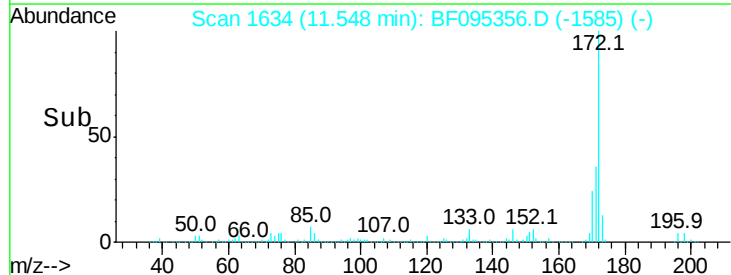
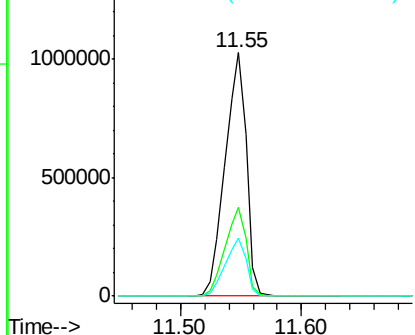


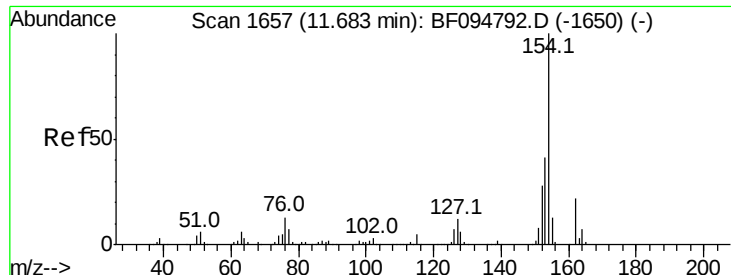
#44
 2-Fluorobiphenyl
 Concen: 88.34 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.6	44.4
170	23.7	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: 45.62 ng

RT: 11.70 min Scan# 1660

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampled :

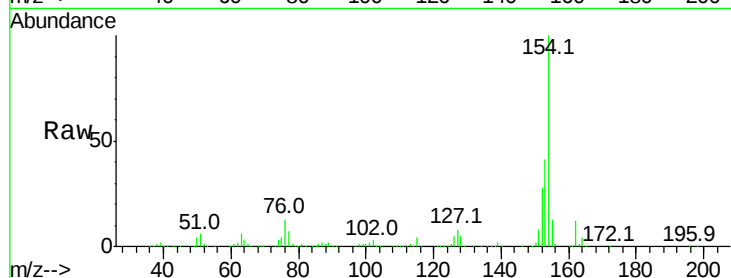
Tot Ion:154 Resp: 784506

Ion Ratio Lower Upper

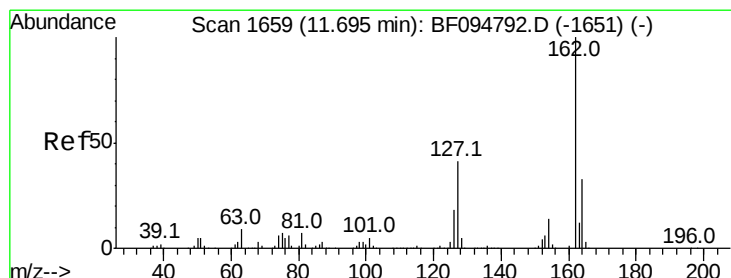
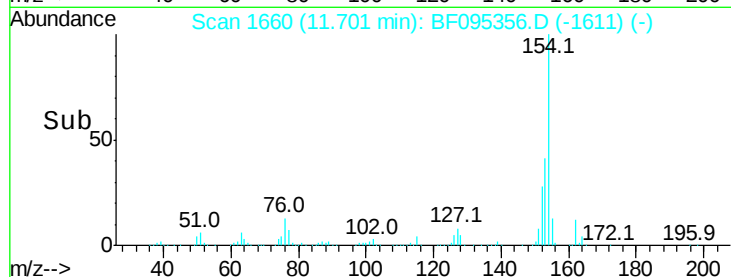
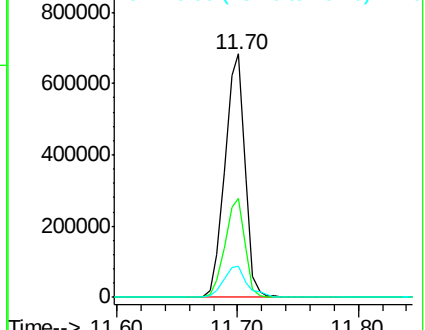
154 100

153 40.9 21.2 61.2

76 12.8 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: 43.89 ng

RT: 11.72 min Scan# 1663

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

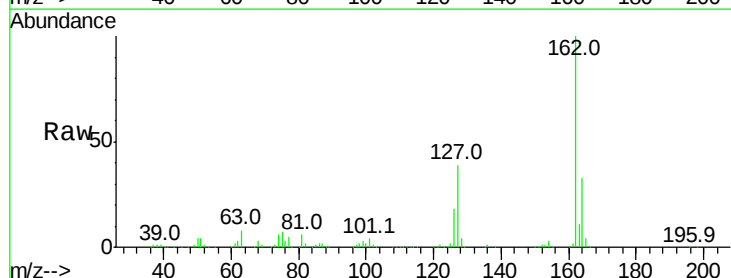
Tgt Ion:162 Resp: 609413

Ion Ratio Lower Upper

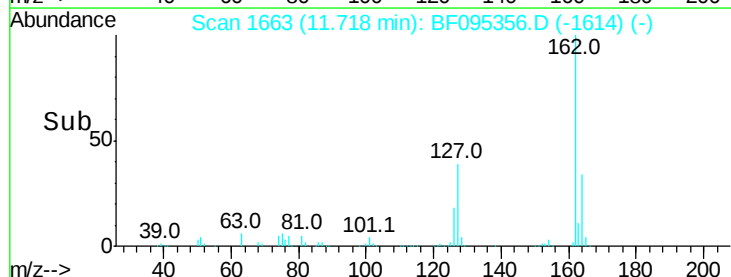
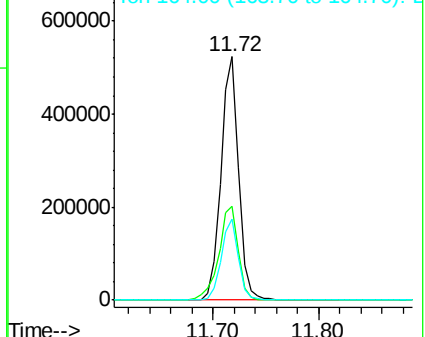
162 100

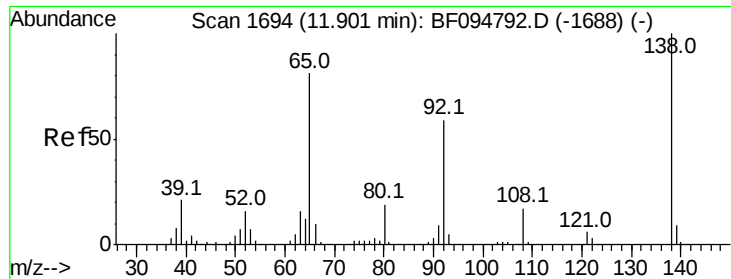
127 38.8 28.3 42.5

164 33.2 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: 44.29 ng

RT: 11.94 min Scan# 1701

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

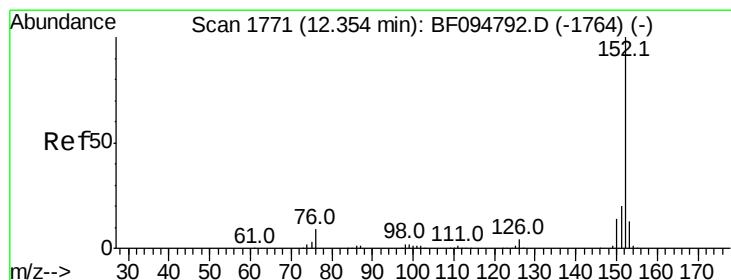
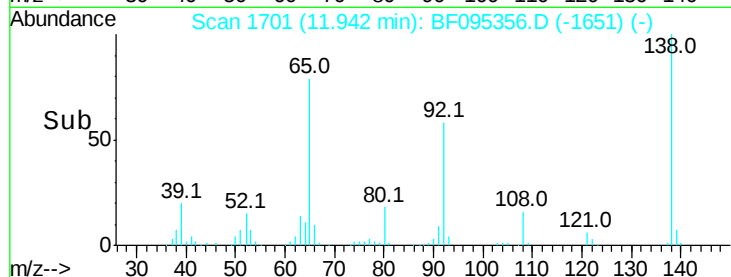
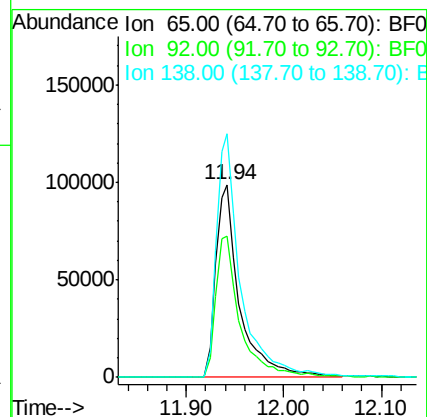
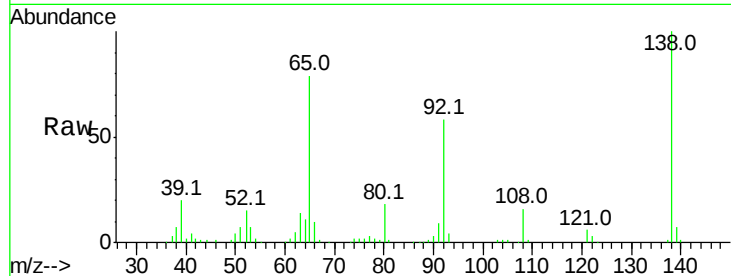
Tot Ion: 65 Resp: 168333

Ion Ratio Lower Upper

65 100

92 73.5 53.9 80.9

138 126.3 78.8 118.2#



#48

Acenaphthylene

Concen: 44.19 ng

RT: 12.38 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

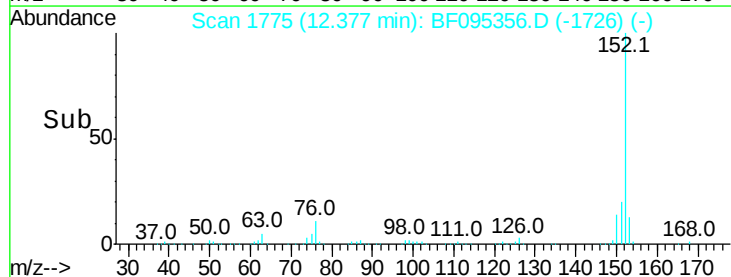
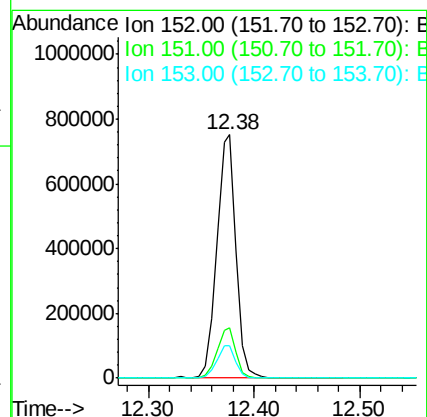
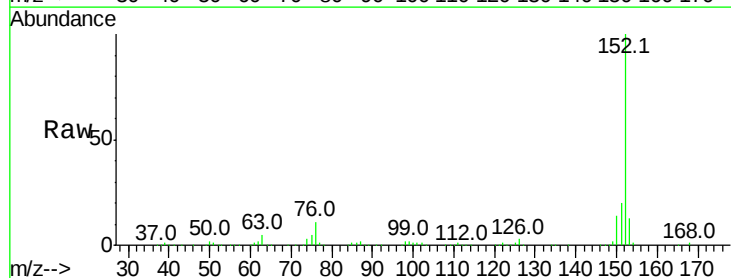
Tgt Ion: 152 Resp: 961007

Ion Ratio Lower Upper

152 100

151 20.4 16.8 25.2

153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 56.57 ng

RT: 12.25 min Scan# 1754

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

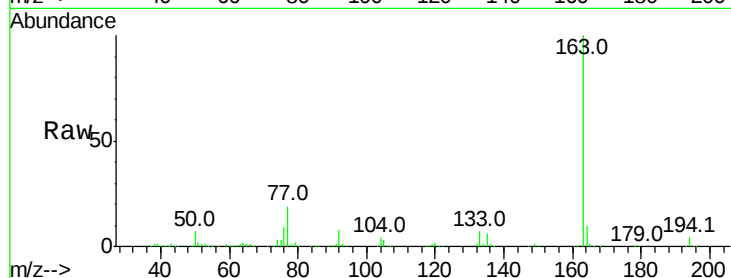
Tot Ion:163 Resp: 948501

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

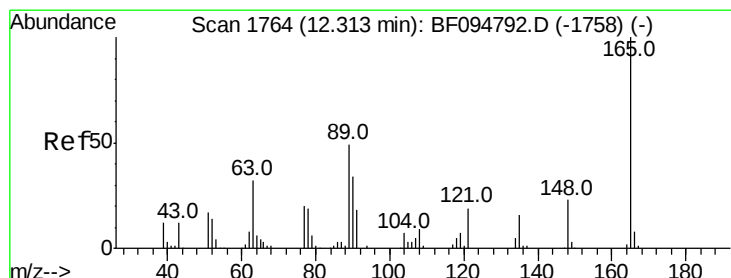
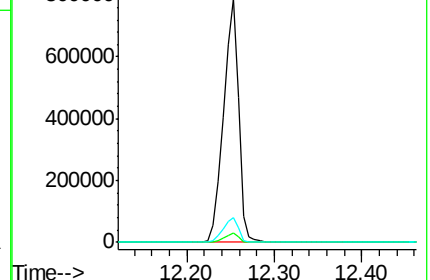
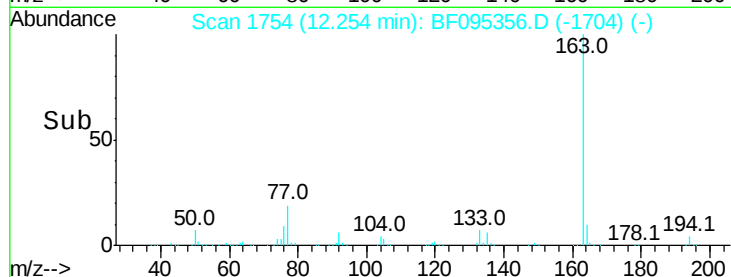
164 9.9 8.4 12.6



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: 47.00 ng

RT: 12.35 min Scan# 1770

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

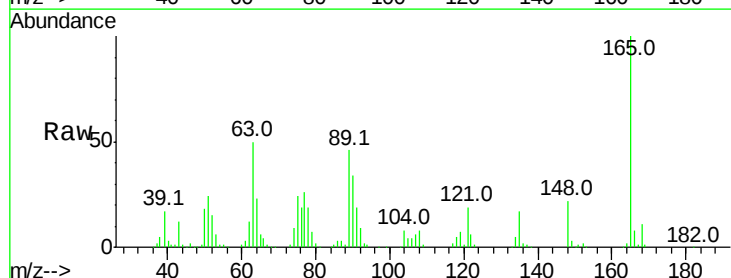
Tgt Ion:165 Resp: 160768

Ion Ratio Lower Upper

165 100

63 49.6 34.3 51.5

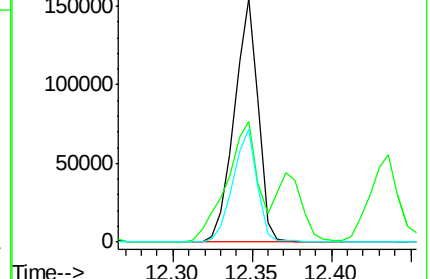
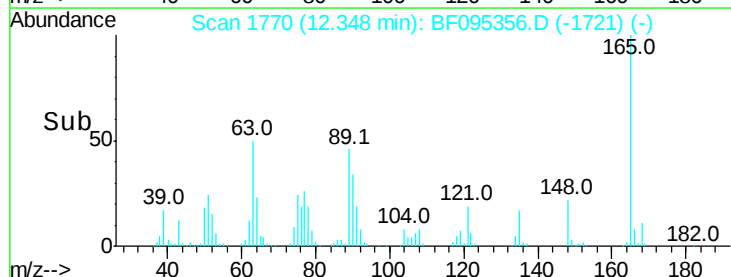
89 46.3 37.1 55.7

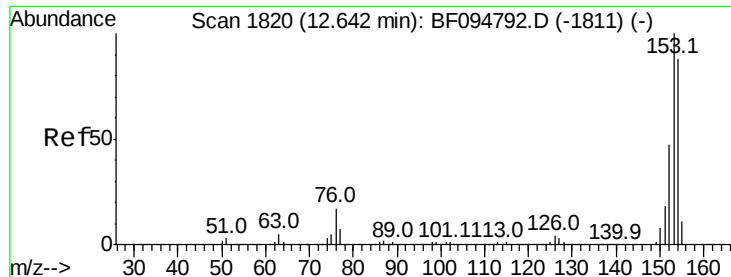


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.47 ng

RT: 12.66 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

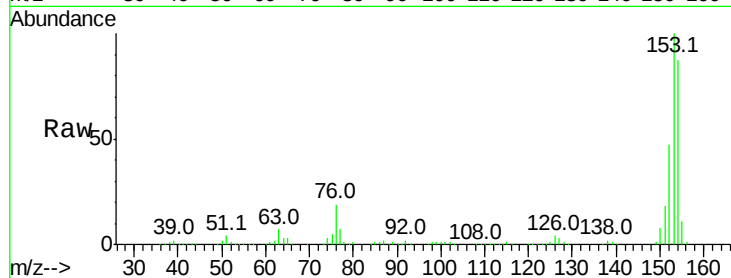
Tot Ion:154 Resp: 564683

Ion Ratio Lower Upper

154 100

153 114.3 90.5 135.7

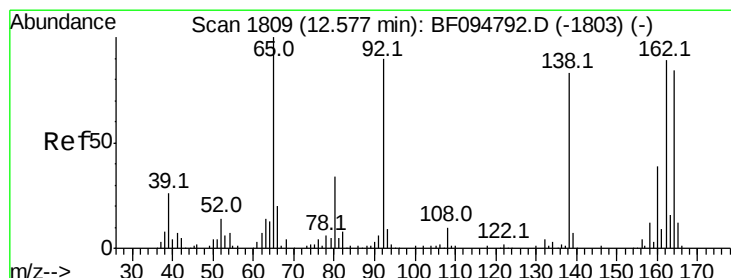
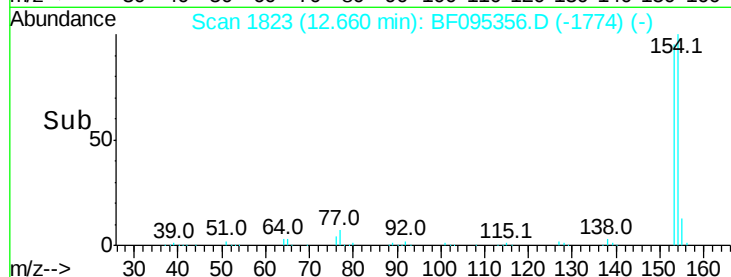
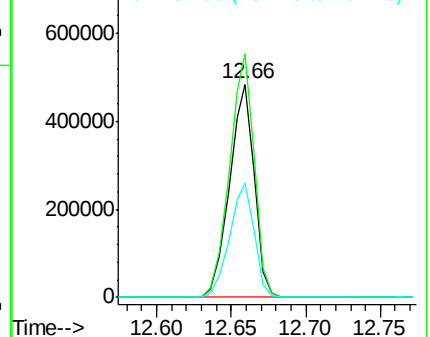
152 53.8 43.6 65.4



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: 31.30 ng

RT: 12.62 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

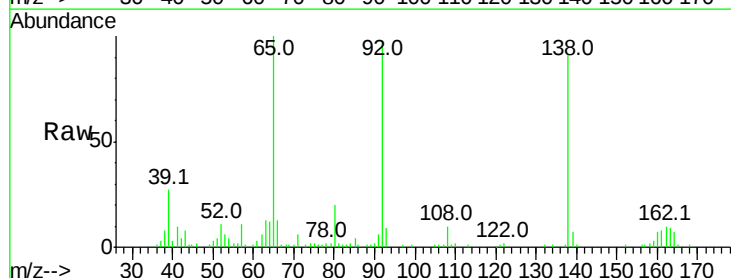
Tgt Ion:138 Resp: 114918

Ion Ratio Lower Upper

138 100

108 11.1 9.1 13.7

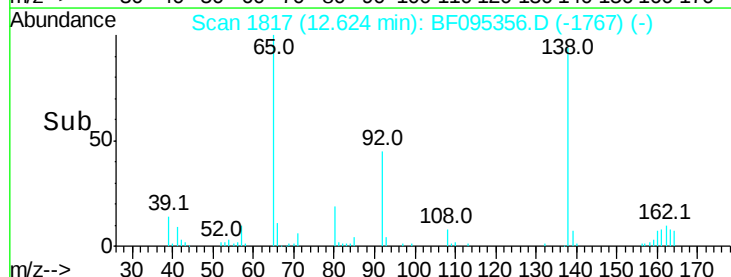
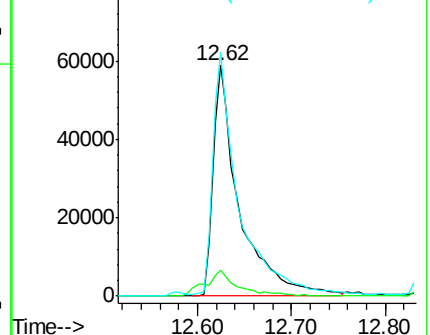
92 105.8 93.8 140.6

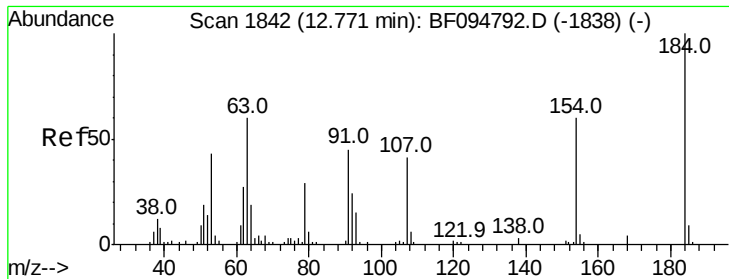


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

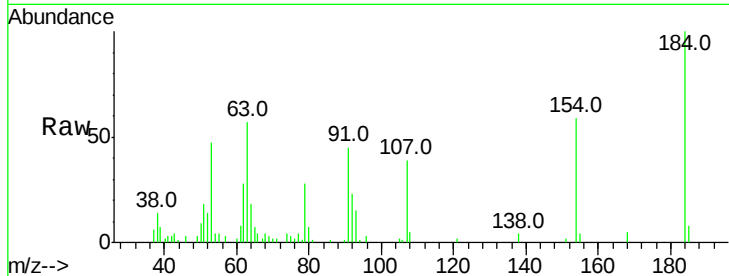




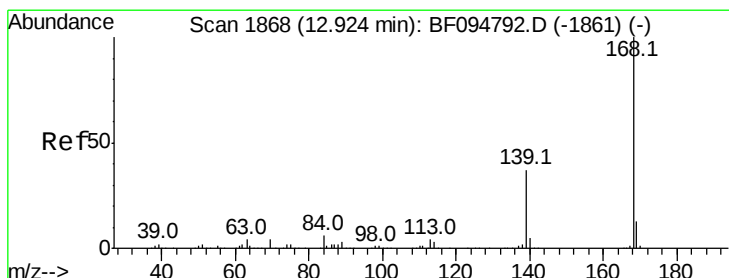
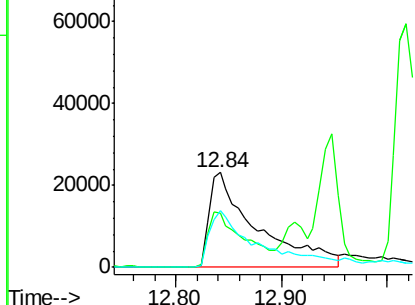
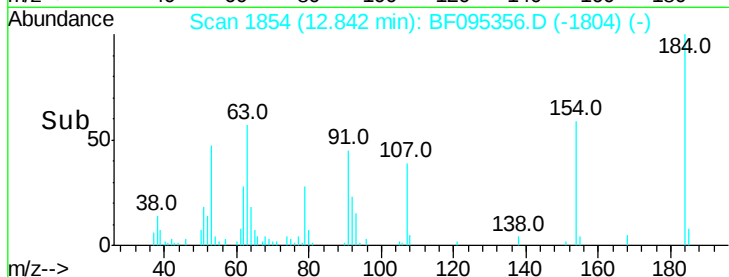
#53
 2,4-Dinitrophenol
 Concen: 41.84 ng
 RT: 12.84 min Scan# 1854
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 72735
 Ion Ratio Lower Upper
 184 100
 63 56.7 62.7 94.1#
 154 59.4 81.1 121.7#

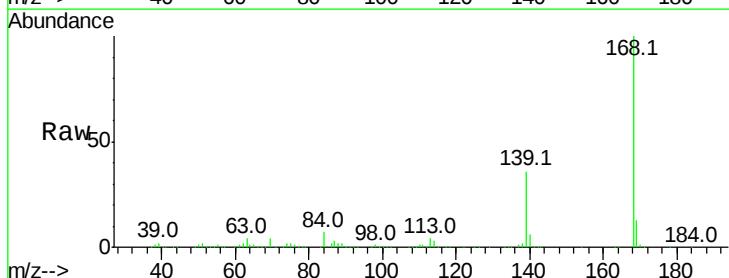


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

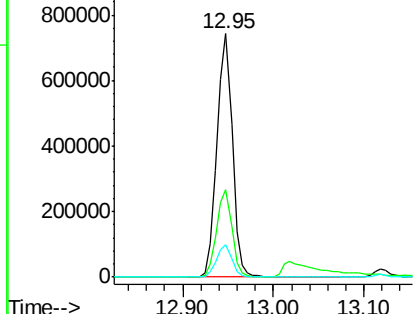
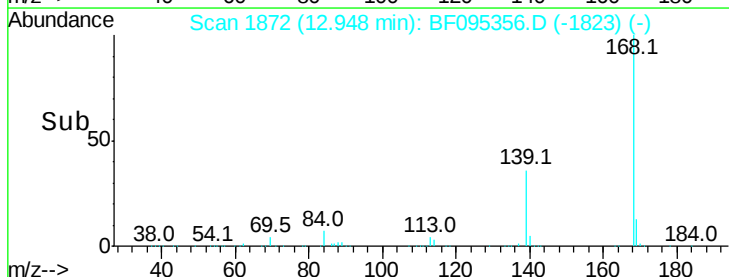


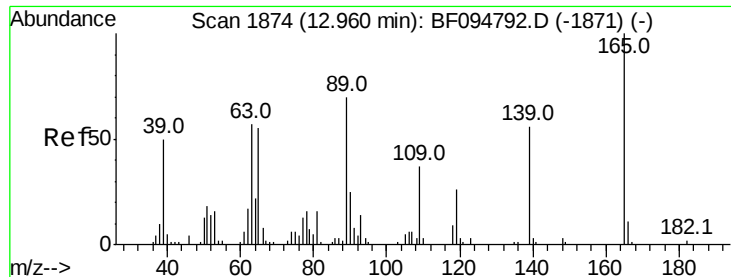
#54
 Dibenzofuran
 Concen: 48.46 ng
 RT: 12.95 min Scan# 1872
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion:168 Resp: 871086
 Ion Ratio Lower Upper
 168 100
 139 36.2 30.6 45.8
 169 13.4 10.8 16.2



Abundance Ion 168.00 (167.70 to 168.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 169.00 (168.70 to 169.70): E

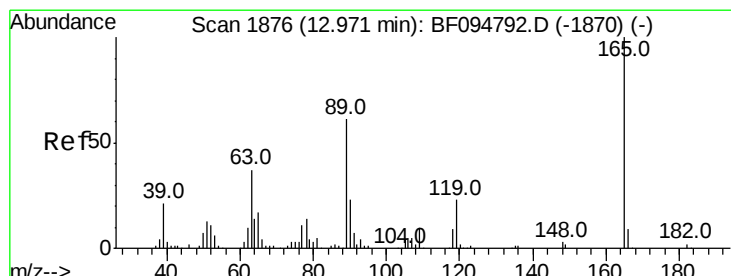
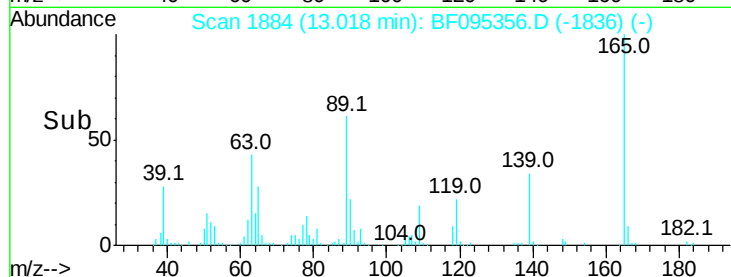
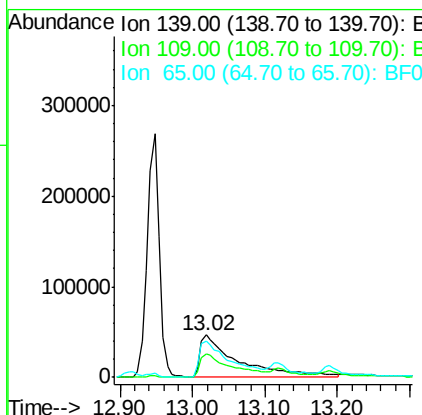
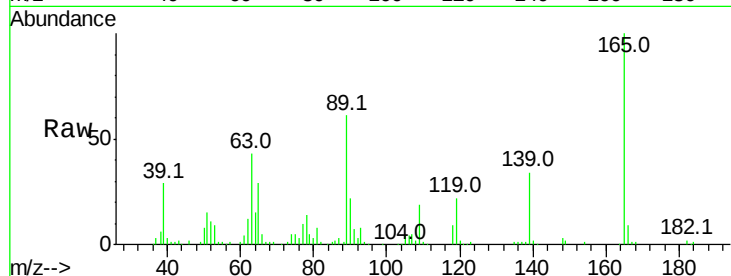




#55
4-Nitrophenol
Concen: 73.00 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.02 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

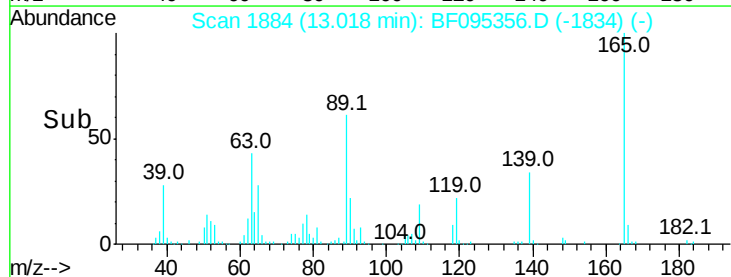
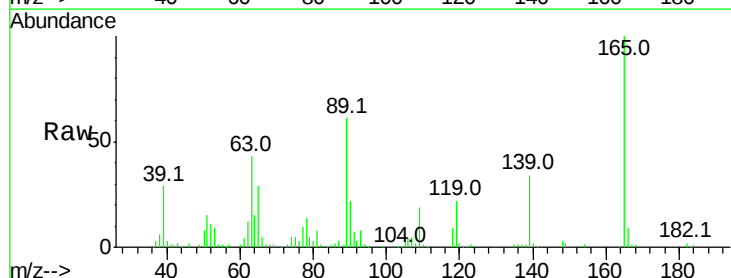
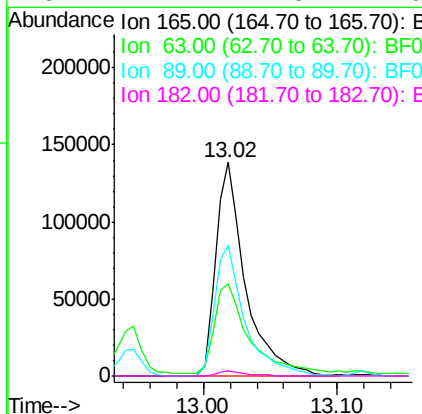
Instrument :
BNA_F
ClientSampleId :

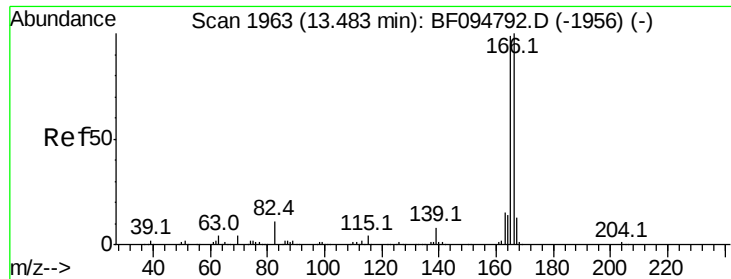
Tot Ion:139 Resp: 160966
Ion Ratio Lower Upper
139 100
109 55.1 34.1 74.1
65 86.4 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 49.18 ng
RT: 13.02 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion:165 Resp: 216165
Ion Ratio Lower Upper
165 100
63 42.9 25.4 38.0#
89 60.9 46.4 69.6
182 2.4 1.8 2.6





#57

Fluorene

Concen: 43.79 ng

RT: 13.50 min Scan# 1966

Delta R.T. -0.02 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

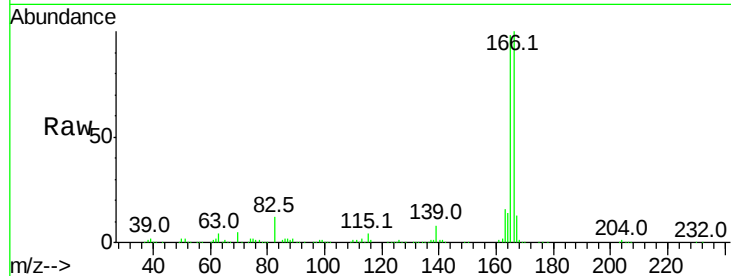
Tot Ion:166 Resp: 684494

Ion Ratio Lower Upper

166 100

165 98.4 78.8 118.2

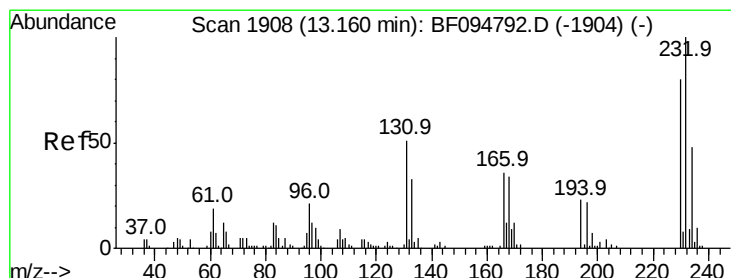
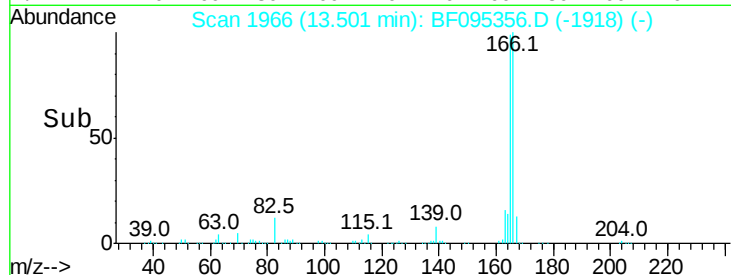
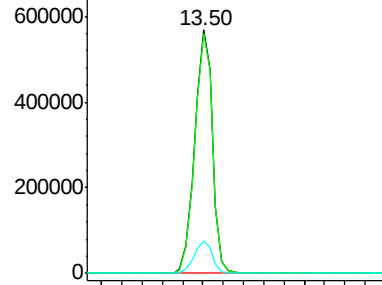
167 13.4 10.6 16.0



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: 49.49 ng

RT: 13.19 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Tgt Ion:232 Resp: 140382

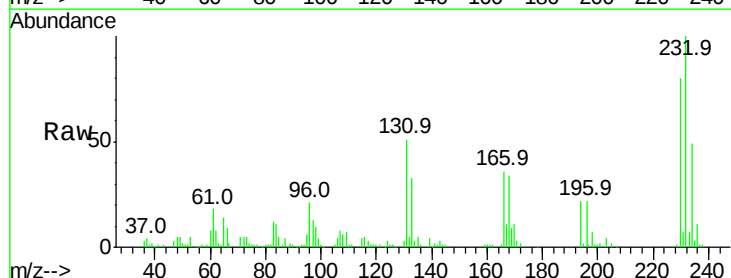
Ion Ratio Lower Upper

232 100

131 51.8 44.8 67.2

130 2.2 2.3 3.5#

166 33.6 29.0 43.4

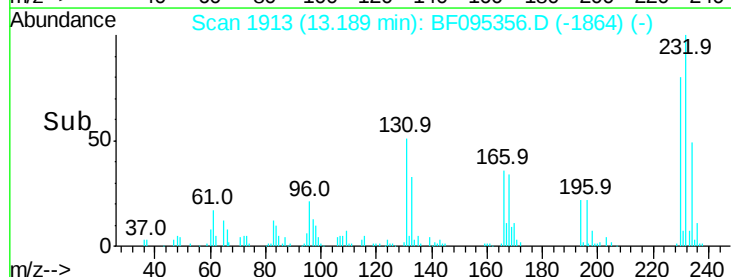
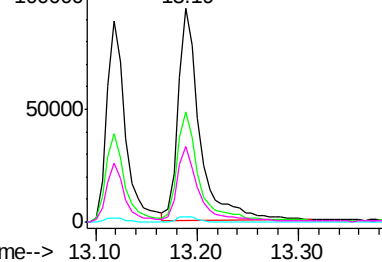


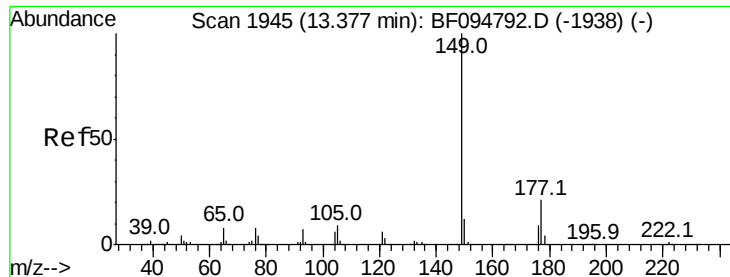
Abundance Ion 232.00 (231.70 to 232.70): E

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

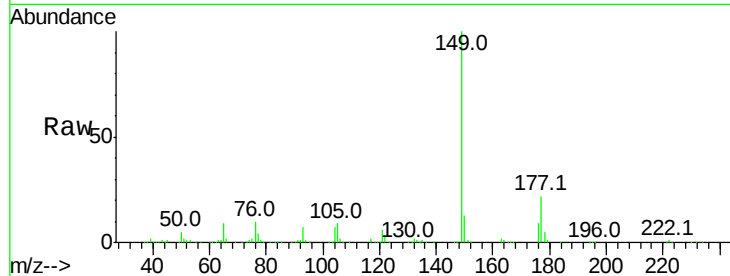




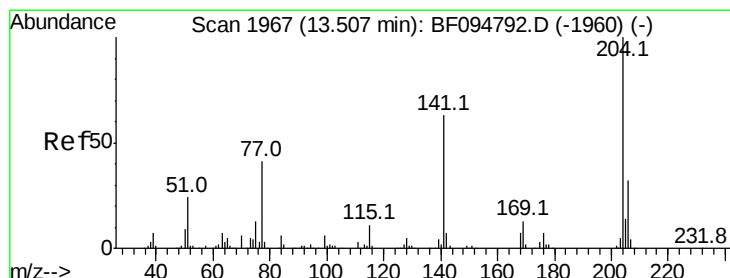
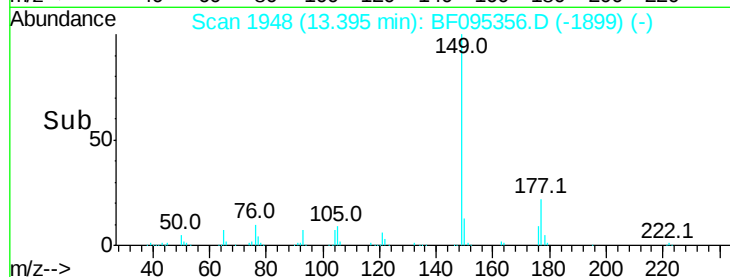
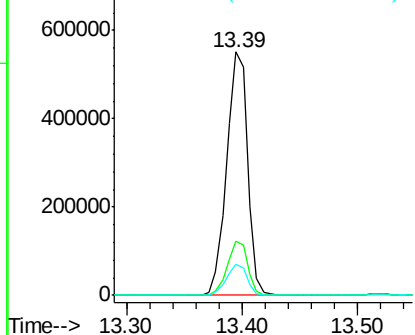
#59
Diethylphthalate
Concen: 42.95 ng
RT: 13.39 min Scan# 1948
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 690177
Ion Ratio Lower Upper
149 100
177 22.4 16.7 25.1
150 12.7 10.2 15.2

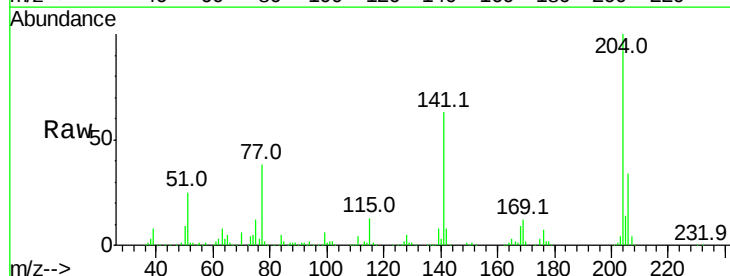


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

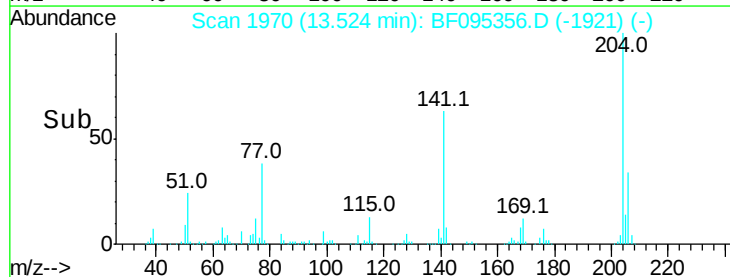
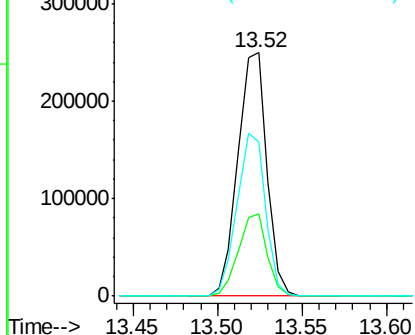


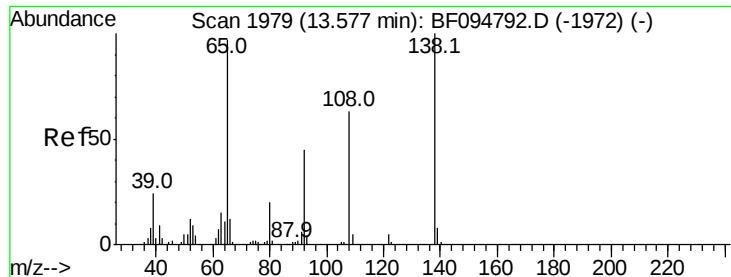
#60
4-Chlorophenyl-phenylether
Concen: 43.61 ng
RT: 13.52 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion:204 Resp: 299612
Ion Ratio Lower Upper
204 100
206 33.9 26.2 39.2
141 63.3 60.8 91.2



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

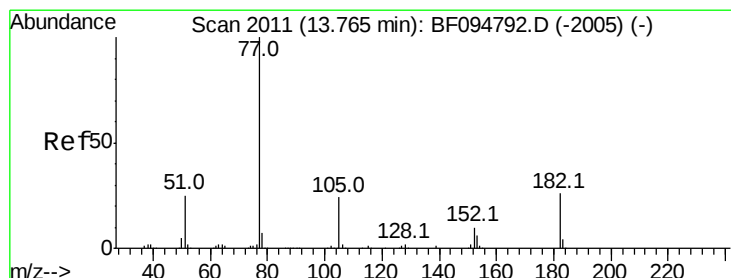
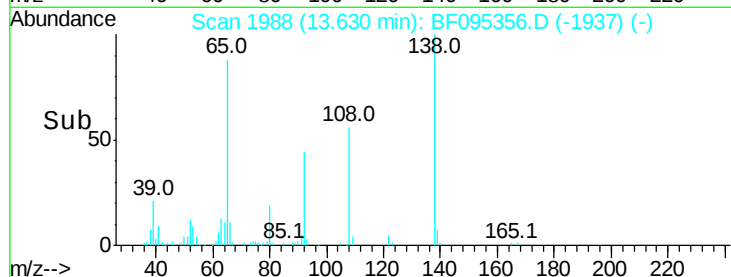
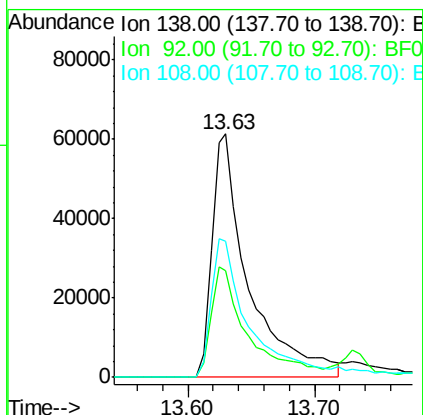
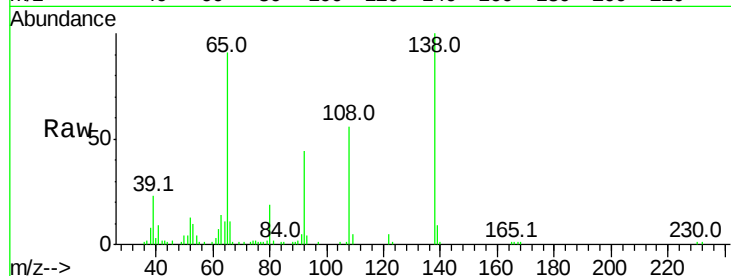




#61
4-Nitroaniline
Concen: 36.76 ng
RT: 13.63 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

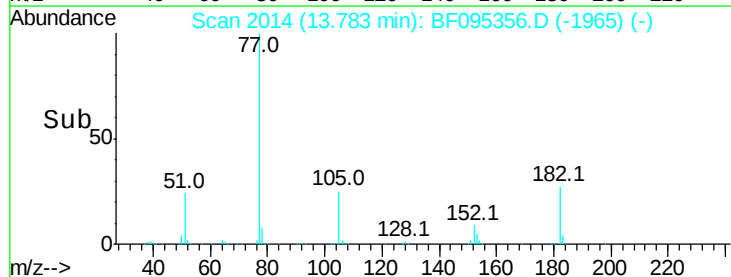
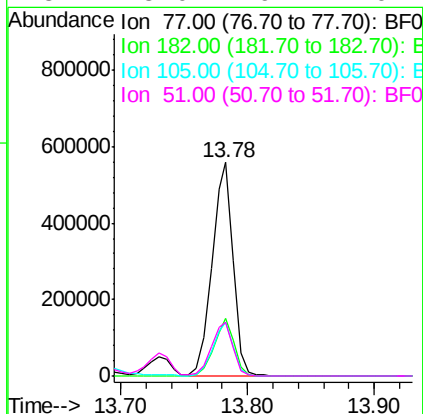
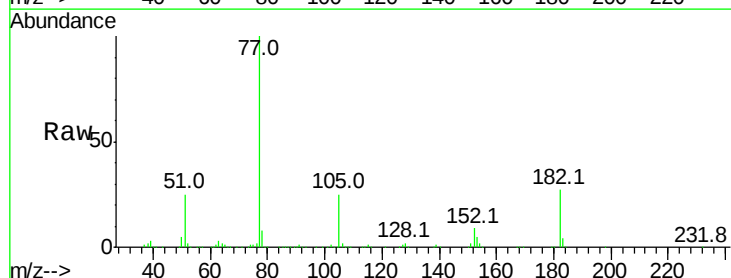
Instrument :
BNA_F
ClientSampleId :

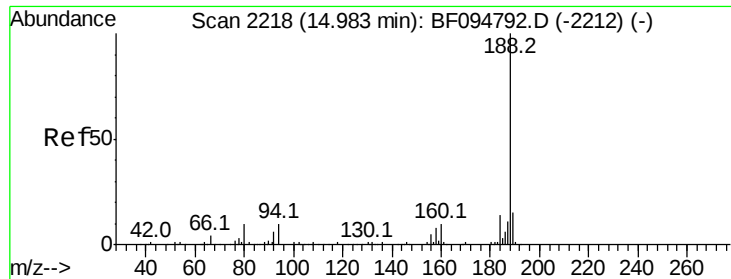
Tot Ion:138 Resp: 123904
Ion Ratio Lower Upper
138 100
92 43.7 21.8 61.8
108 55.8 42.3 82.3



#62
Azobenzene
Concen: 50.14 ng
RT: 13.78 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion: 77 Resp: 647521
Ion Ratio Lower Upper
77 100
182 26.7 0.1 40.1
105 25.2 3.6 43.6
51 25.0 9.4 49.4

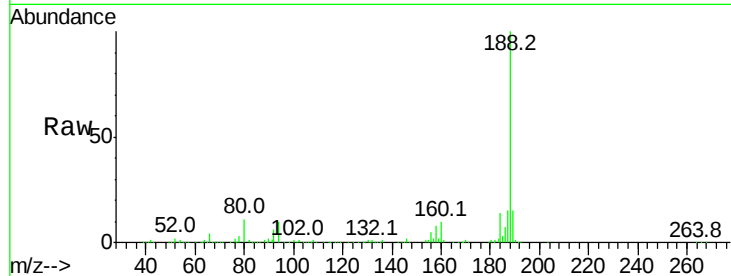




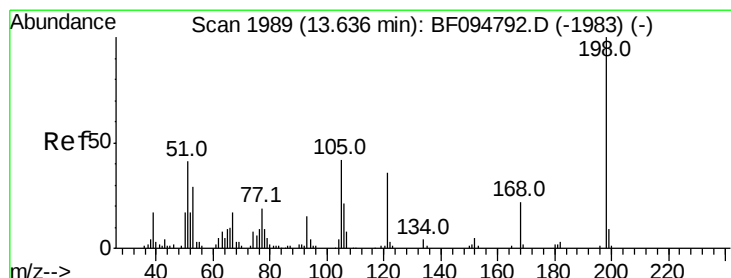
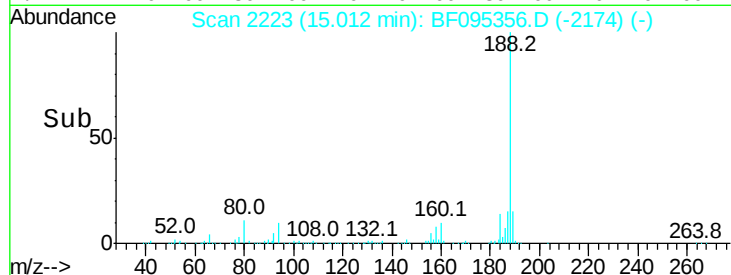
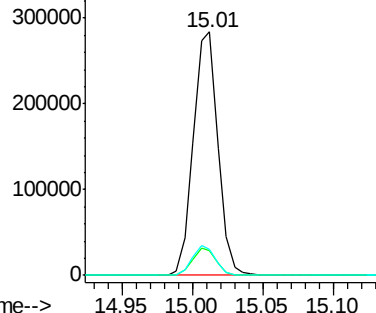
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 15.01 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 343451
 Ion Ratio Lower Upper
 188 100
 94 10.2 9.4 14.2
 80 10.5 10.2 15.2

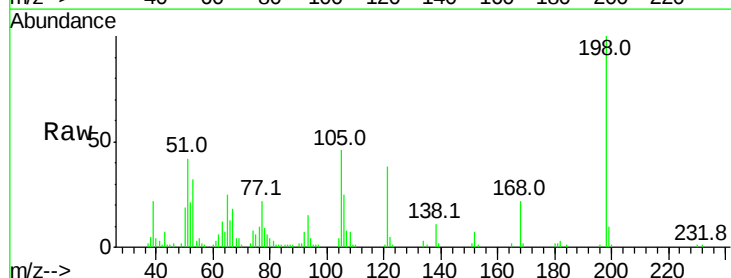


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

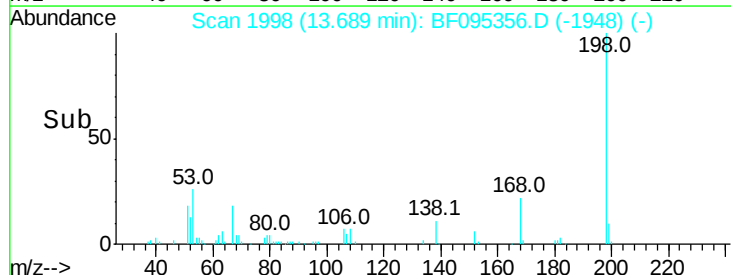
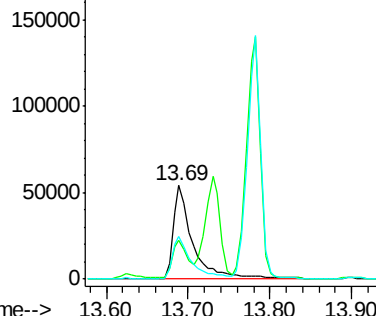


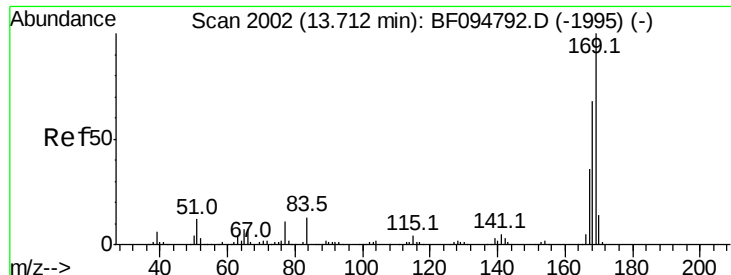
#64
 4,6-Dinitro-2-methylphenol
 Concen: 39.56 ng
 RT: 13.69 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion:198 Resp: 91076
 Ion Ratio Lower Upper
 198 100
 51 41.6 53.2 93.2#
 105 46.1 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: 47.57 ng

RT: 13.73 min Scan# 2005

Delta R.T. -0.02 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

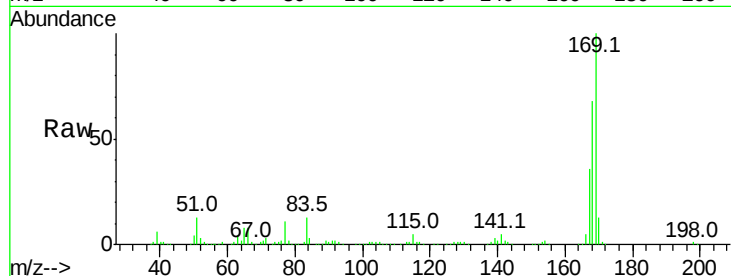
Tot Ion:169 Resp: 592938

Ion Ratio Lower Upper

169 100

168 68.1 53.2 79.8

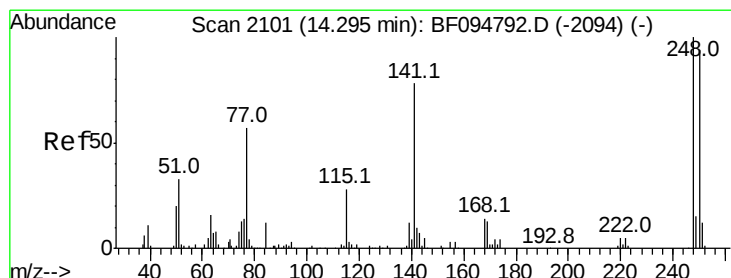
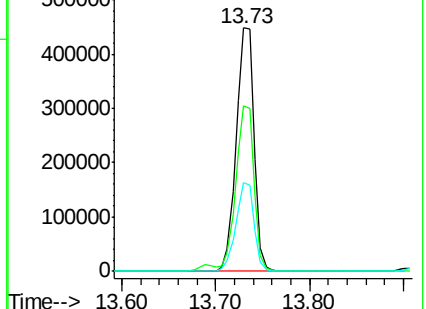
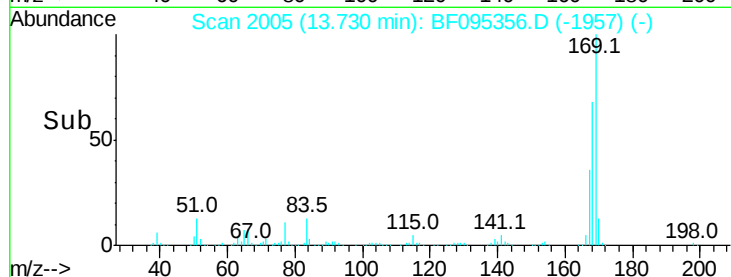
167 36.5 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 44.58 ng

RT: 14.31 min Scan# 2103

Delta R.T. -0.02 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

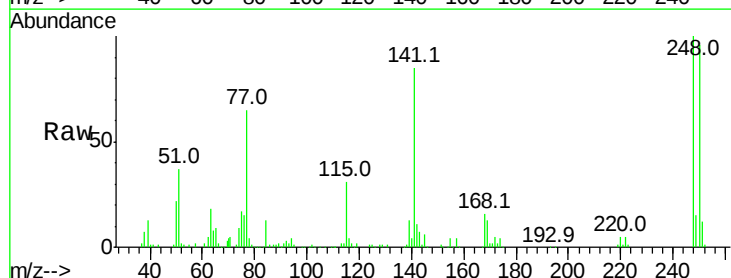
Tgt Ion:248 Resp: 161747

Ion Ratio Lower Upper

248 100

250 96.1 76.8 115.2

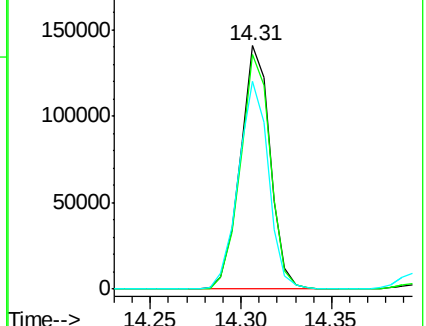
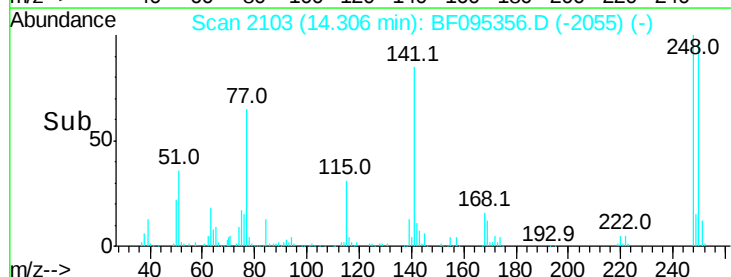
141 85.4 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 43.04 ng

RT: 14.40 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

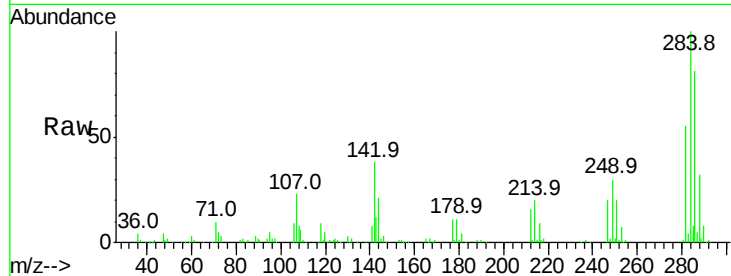
Tot Ion:284 Resp: 160063

Ion Ratio Lower Upper

284 100

142 37.8 22.8 34.2#

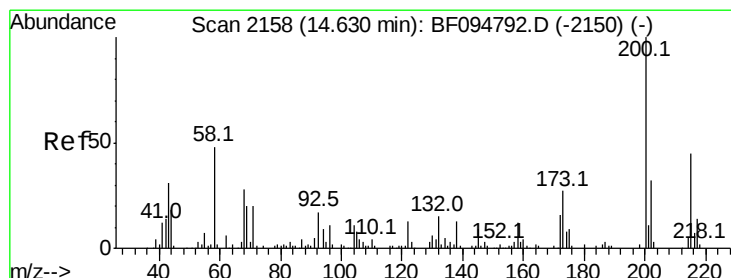
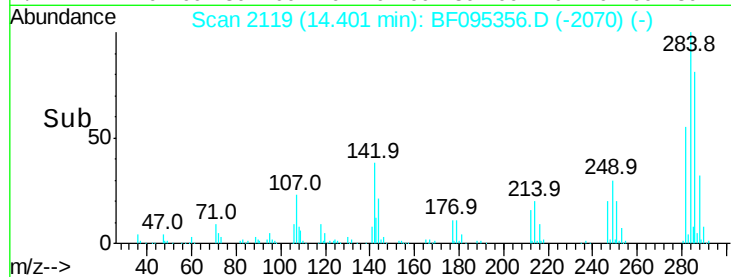
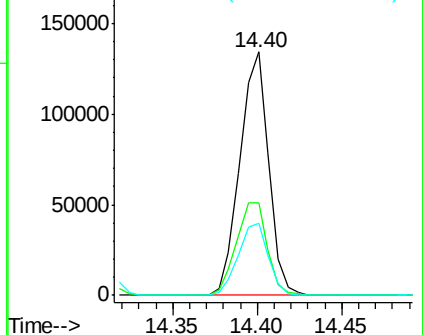
249 29.6 24.0 36.0



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: 49.20 ng

RT: 14.65 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

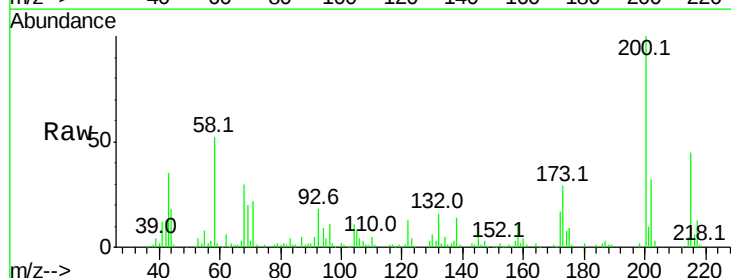
Tgt Ion:200 Resp: 173161

Ion Ratio Lower Upper

200 100

173 28.8 6.3 46.3

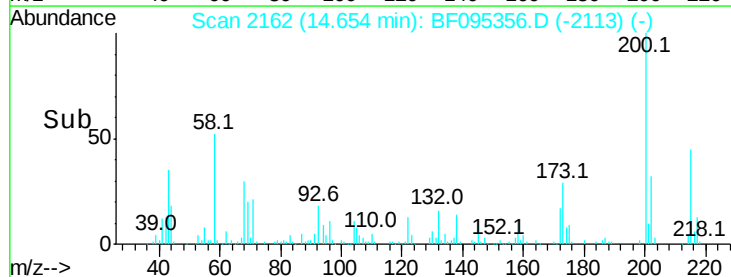
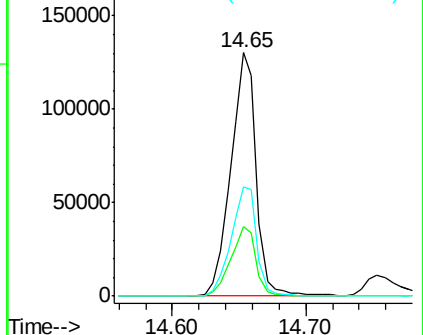
215 45.0 27.2 67.2

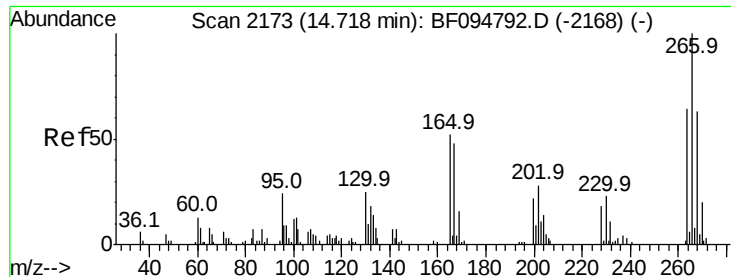


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

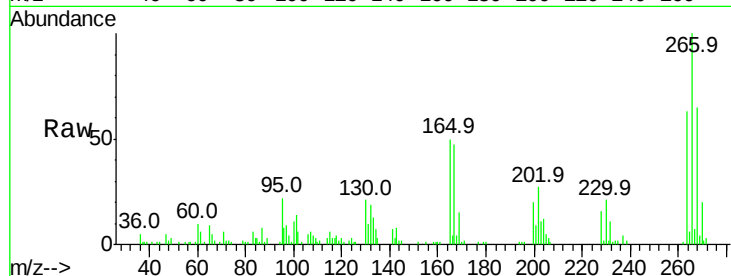




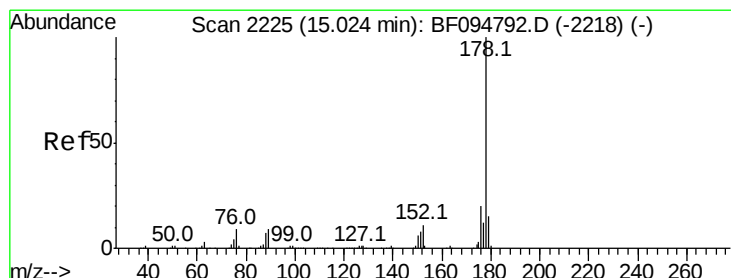
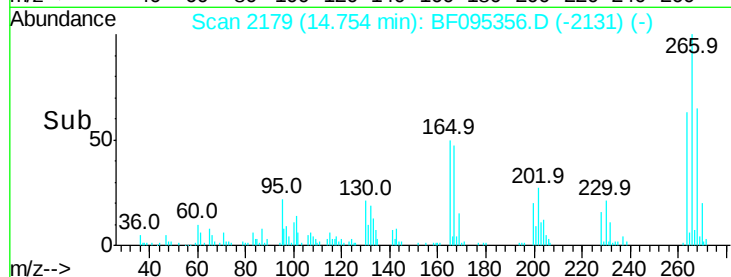
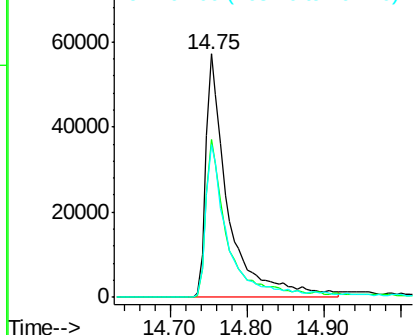
#69
 Pentachlorophenol
 Concen: 69.03 ng
 RT: 14.75 min Scan# 2179
 Delta R.T. -0.02 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 114609
 Ion Ratio Lower Upper
 266 100
 268 65.1 51.1 76.7
 264 62.7 51.7 77.5

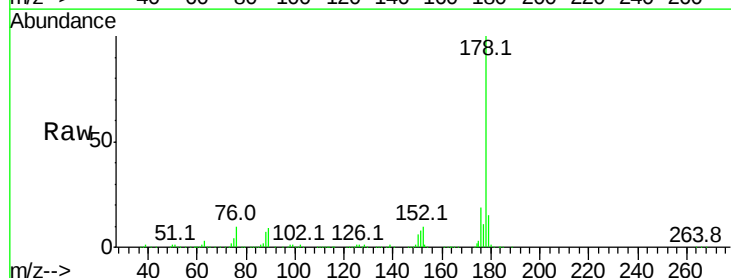


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

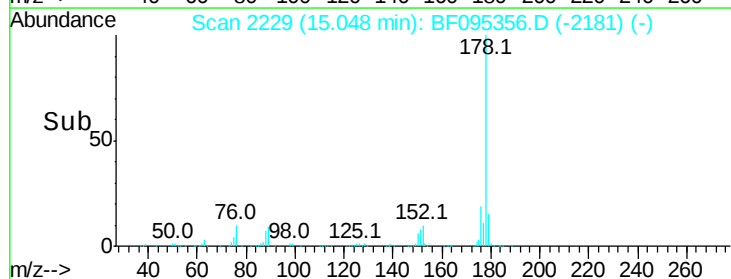
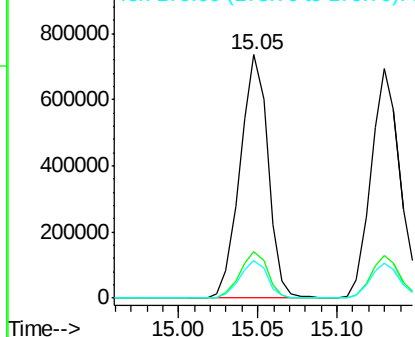


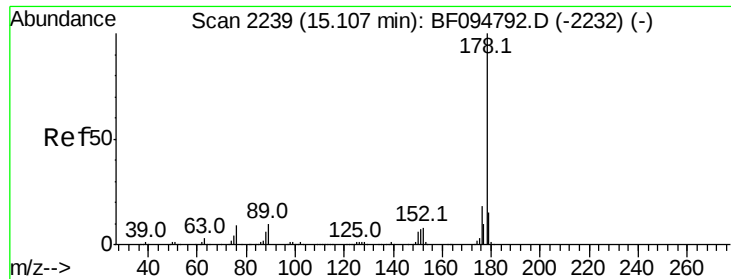
#70
 Phenanthrene
 Concen: 45.66 ng
 RT: 15.05 min Scan# 2229
 Delta R.T. -0.02 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion:178 Resp: 901131
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 15.2 12.6 19.0



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

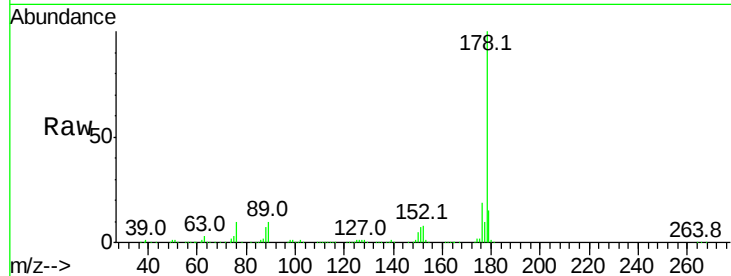




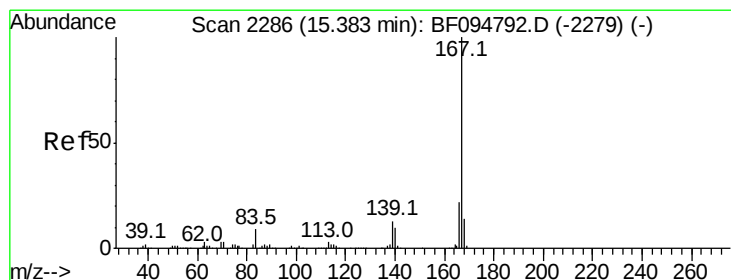
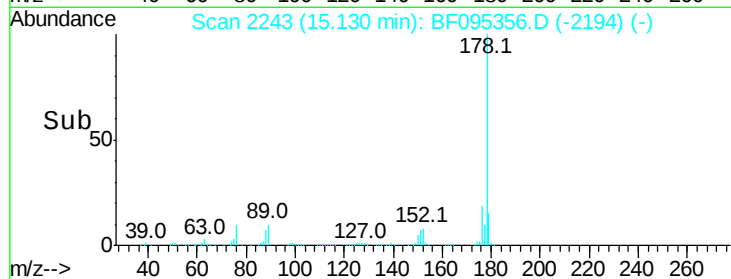
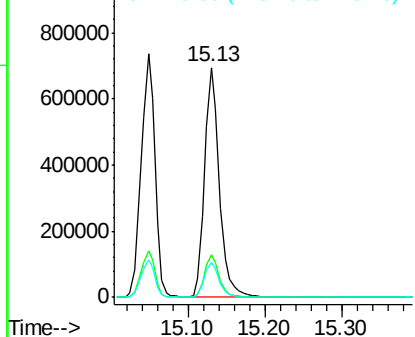
#71
 Anthracene
 Concen: 45.91 ng
 RT: 15.13 min Scan# 2243
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:178 Resp: 925392
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.8
 179 15.4 12.7 19.1

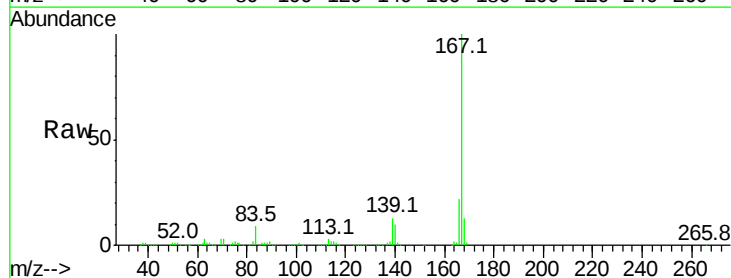


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

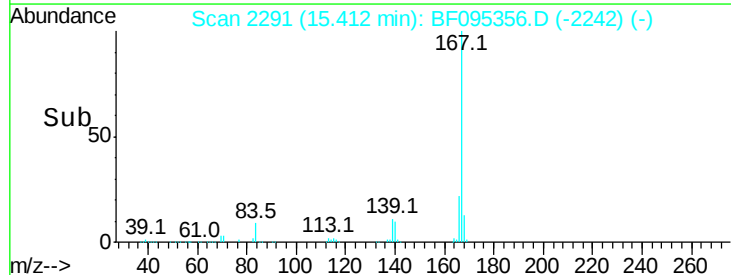
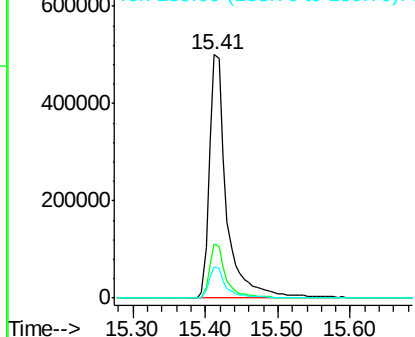


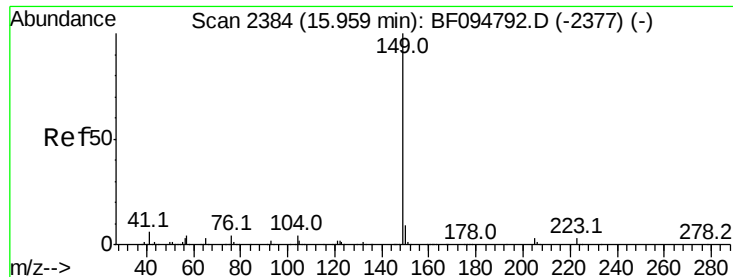
#72
 Carbazole
 Concen: 45.23 ng
 RT: 15.41 min Scan# 2291
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion:167 Resp: 829470
 Ion Ratio Lower Upper
 167 100
 166 22.1 18.1 27.1
 139 12.7 11.7 17.5



Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

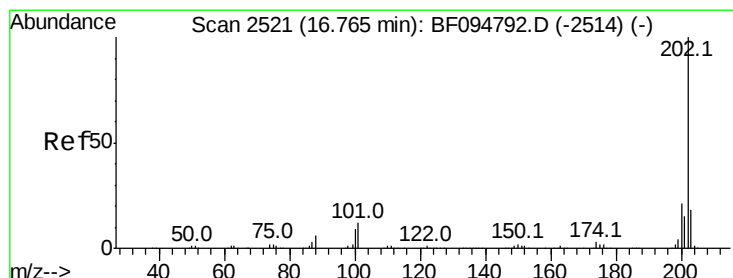
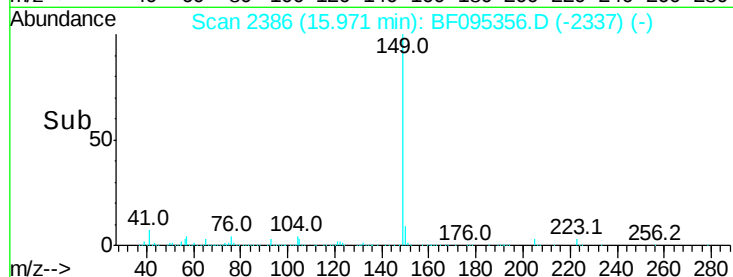
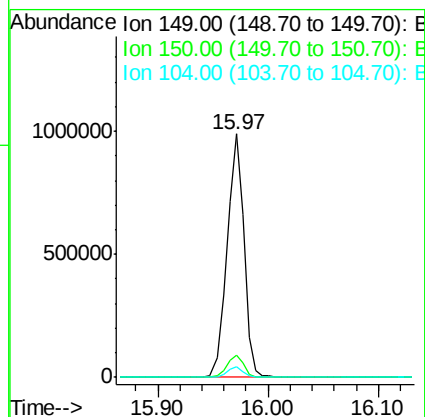
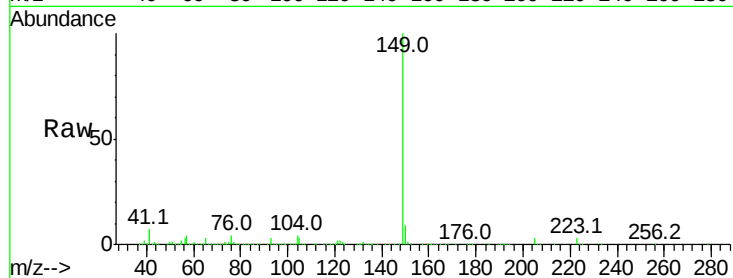




#73
Di-n-butylphthalate
Concen: 46.47 ng
RT: 15.97 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

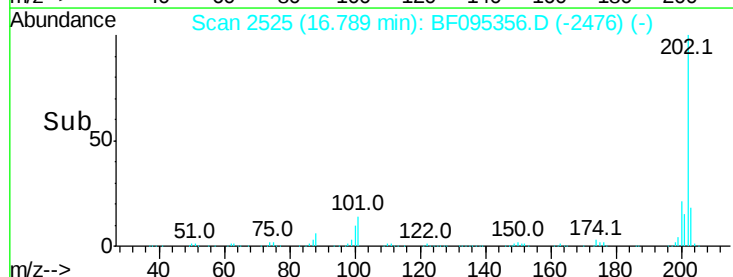
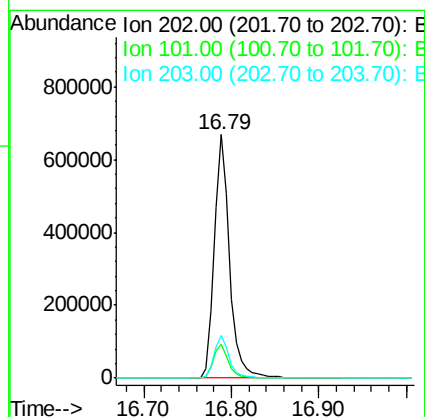
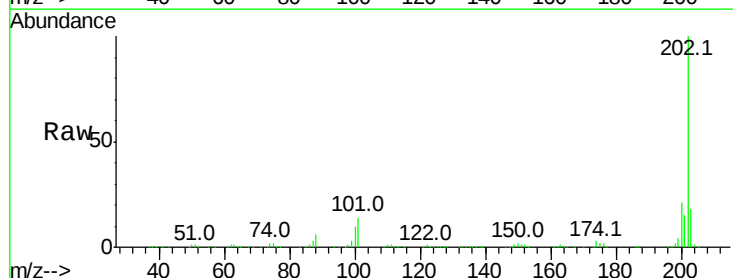
Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1062911
Ion Ratio Lower Upper
149 100
150 9.2 7.7 11.5
104 4.2 4.0 6.0



#74
Fluoranthene
Concen: 40.32 ng
RT: 16.79 min Scan# 2525
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion:202 Resp: 816273
Ion Ratio Lower Upper
202 100
101 13.8 0.0 33.2
203 17.6 0.0 38.1

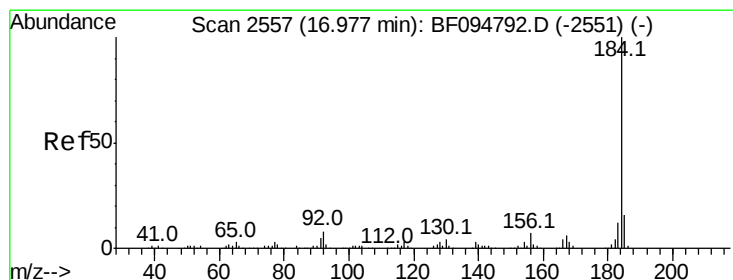
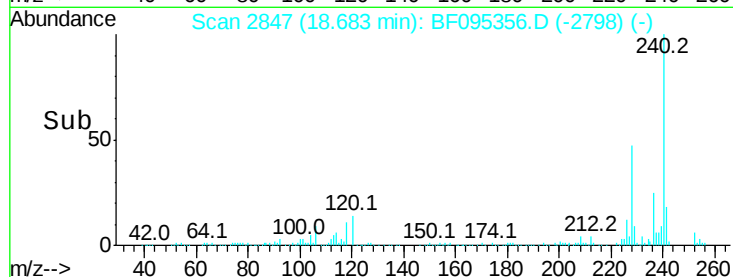
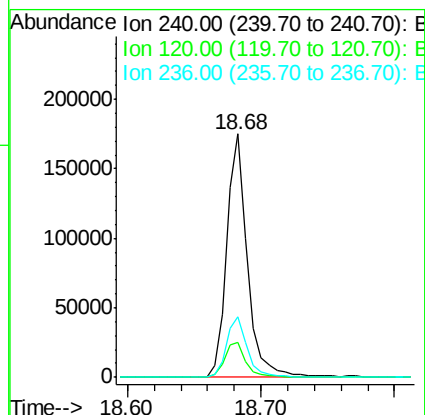
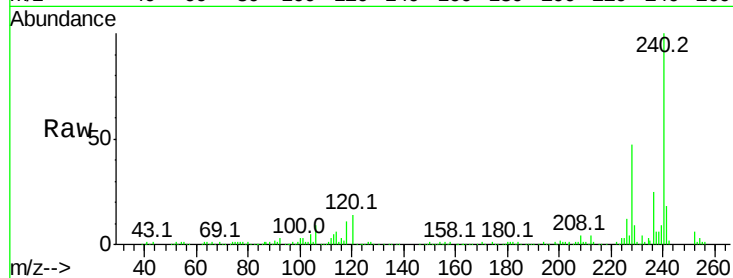




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

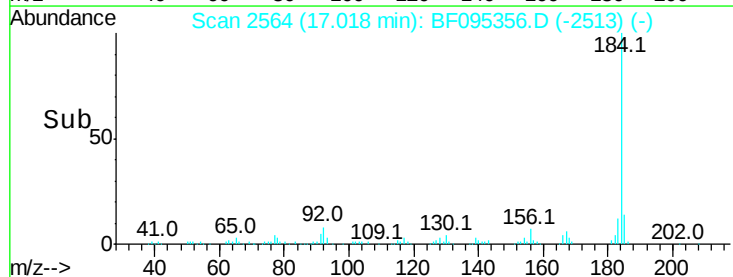
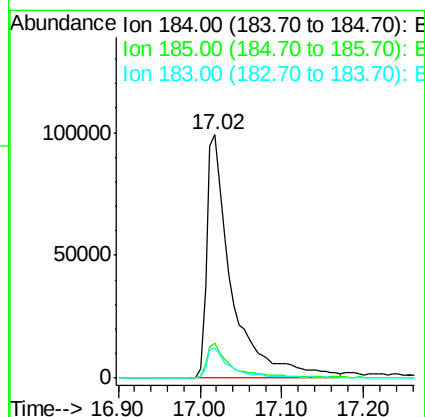
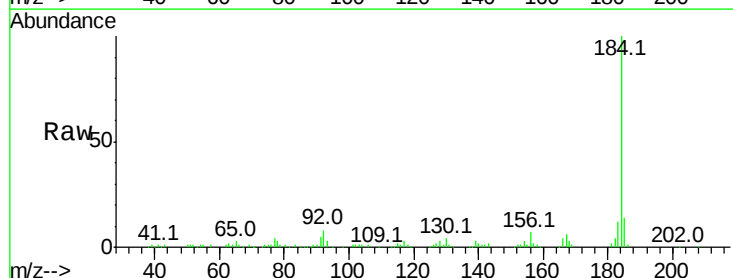
Instrument :
 BNA_F
 ClientSampleId :

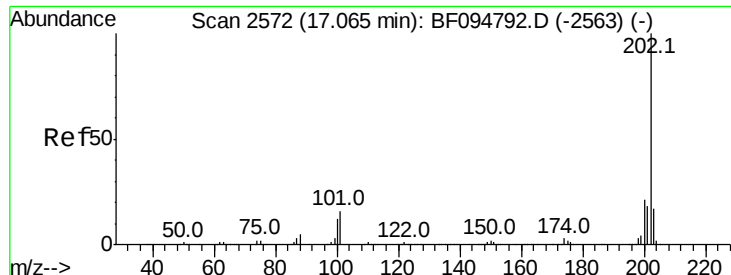
Tot Ion:240 Resp: 191134
 Ion Ratio Lower Upper
 240 100
 120 14.1 5.8 8.8#
 236 25.0 20.5 30.7



#76
 Benzidine
 Concen: 41.83 ng
 RT: 17.02 min Scan# 2564
 Delta R.T. -0.00 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion:184 Resp: 211129
 Ion Ratio Lower Upper
 184 100
 185 14.1 15.5 23.3#
 183 12.5 9.8 14.6





#77

Pvrene

Concen: 55.31 ng

RT: 17.09 min Scan# 2577

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

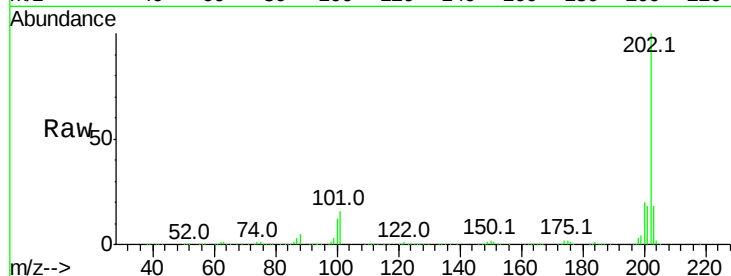
Tot Ion:202 Resp: 790620

Ion Ratio Lower Upper

202 100

200 20.4 17.6 26.4

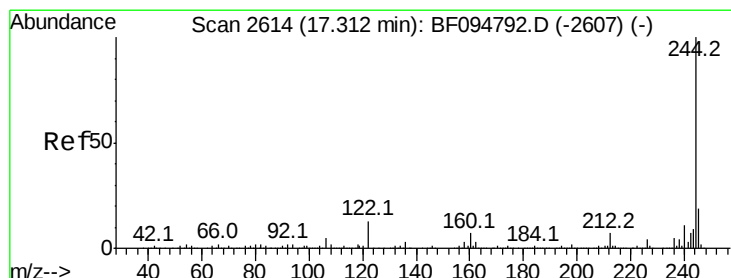
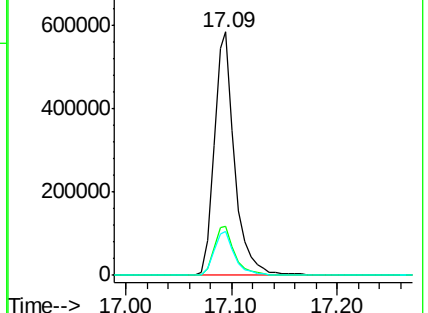
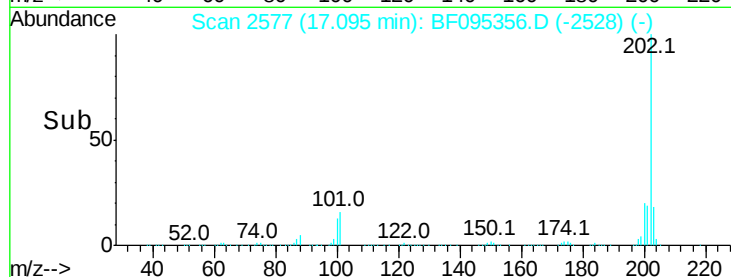
203 17.9 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 103.85 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

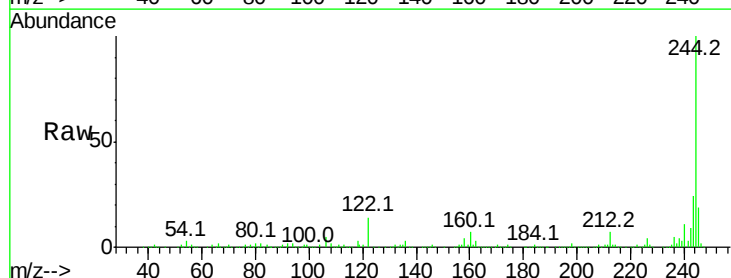
Tgt Ion:244 Resp: 901154

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

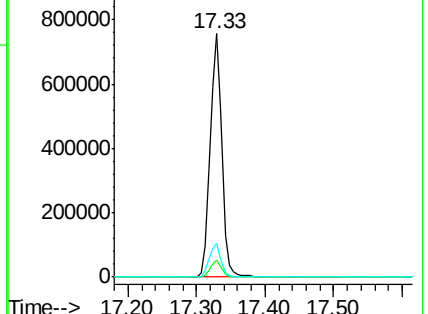
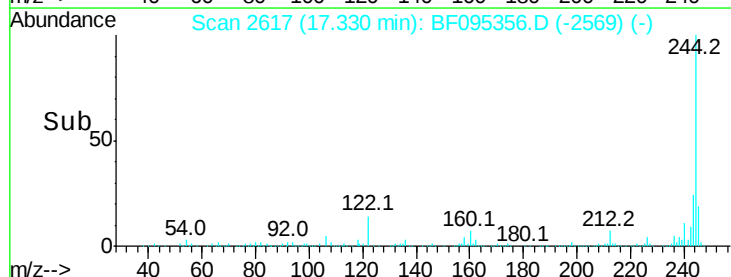
122 13.9 10.3 15.5

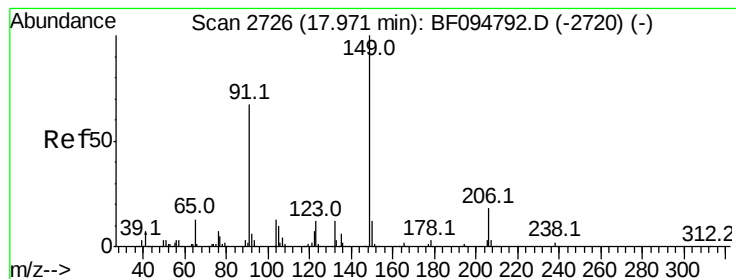


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 54.33 ng

RT: 17.99 min Scan# 2729

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampled :

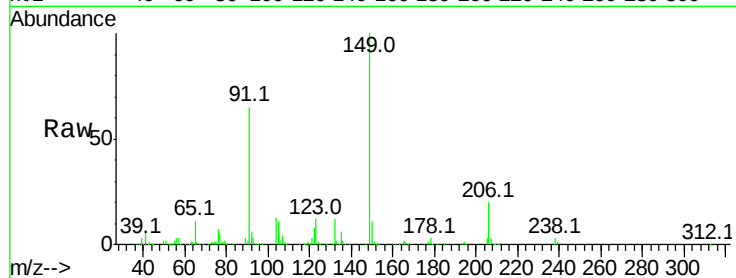
Tot Ion:149 Resp: 361212

Ion Ratio Lower Upper

149 100

91 64.6 45.0 67.4

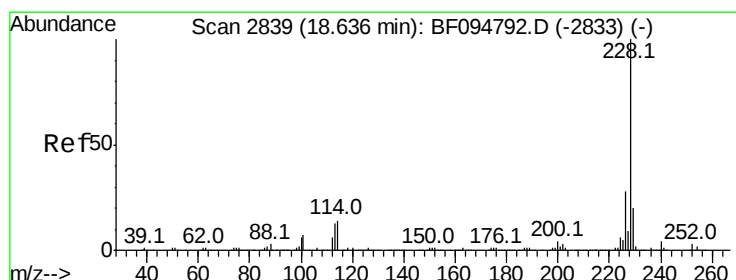
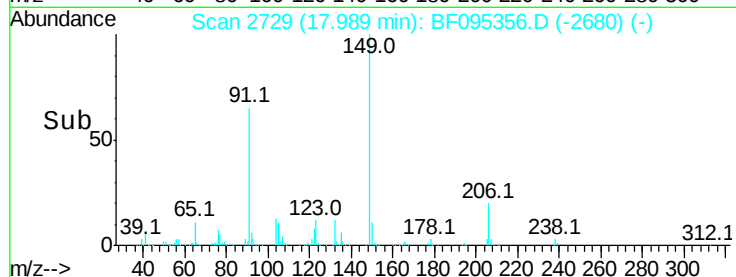
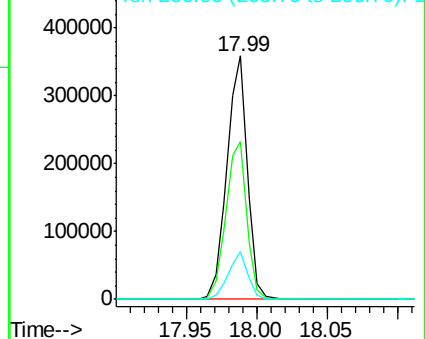
206 19.6 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 44.82 ng

RT: 18.67 min Scan# 2845

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

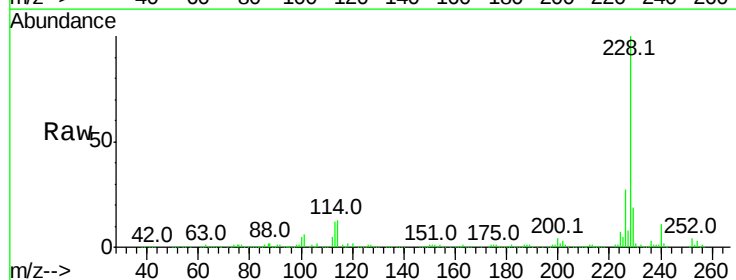
Tgt Ion:228 Resp: 498529

Ion Ratio Lower Upper

228 100

226 27.4 22.6 33.8

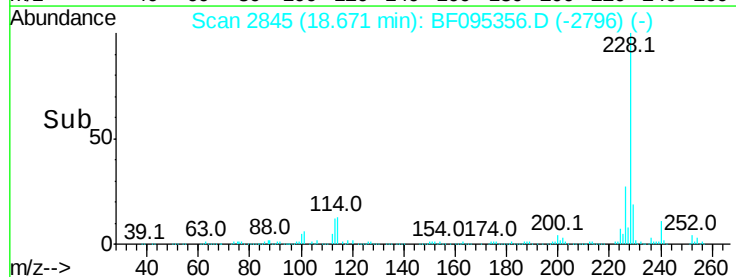
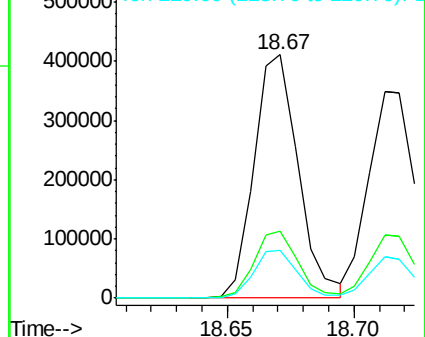
229 19.4 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

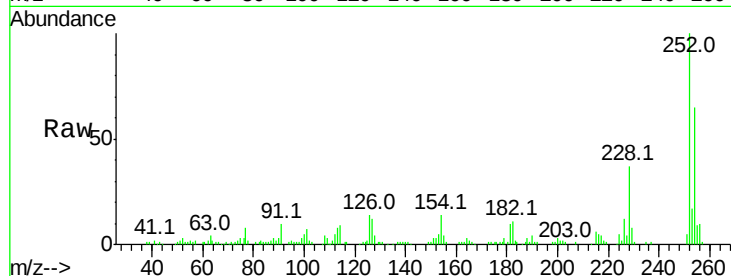




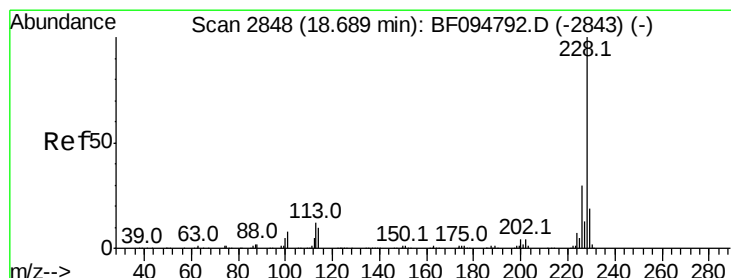
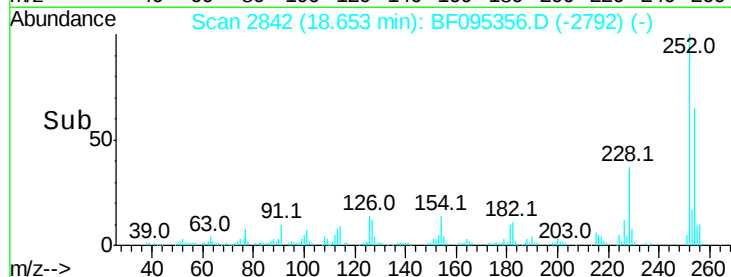
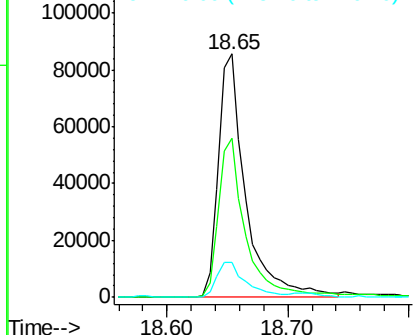
#81
 3,3'-Dichlorobenzidine
 Concen: 34.75 ng
 RT: 18.65 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:252 Resp: 133490
 Ion Ratio Lower Upper
 252 100
 254 65.1 51.5 77.3
 126 14.1 15.8 23.8#

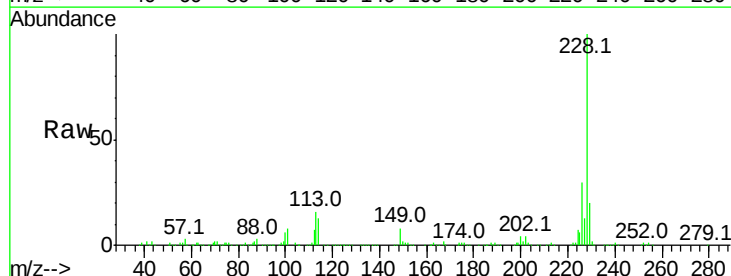


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

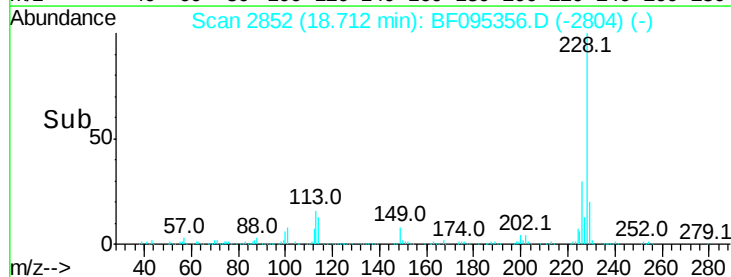
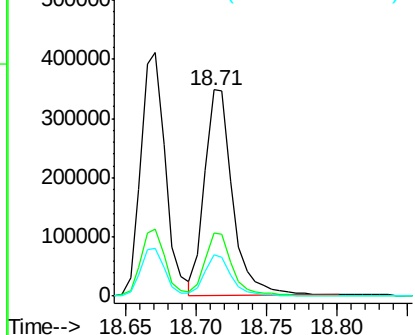


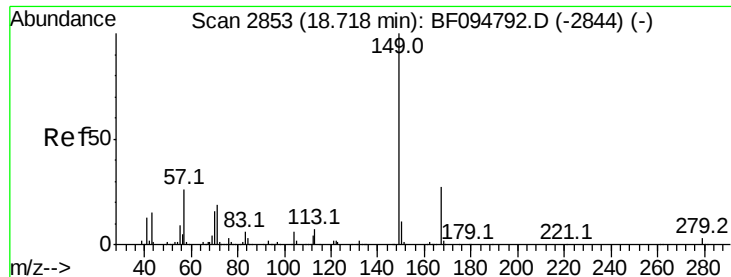
#82
 Chrysene
 Concen: 44.44 ng
 RT: 18.71 min Scan# 2852
 Delta R.T. -0.02 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion:228 Resp: 477971
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.9 37.3
 229 20.2 15.8 23.6



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

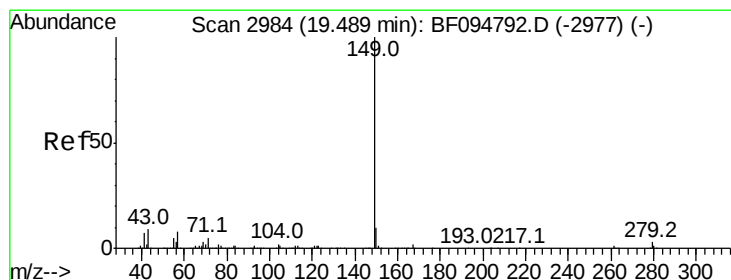
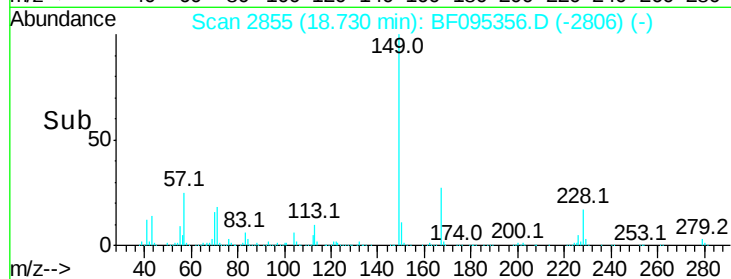
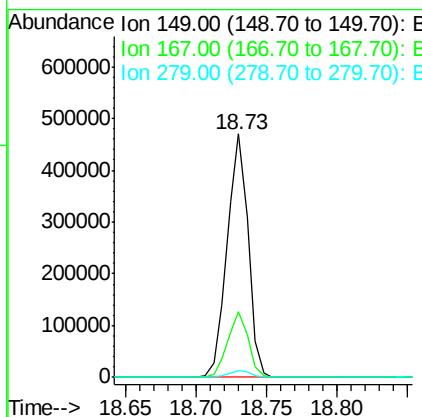
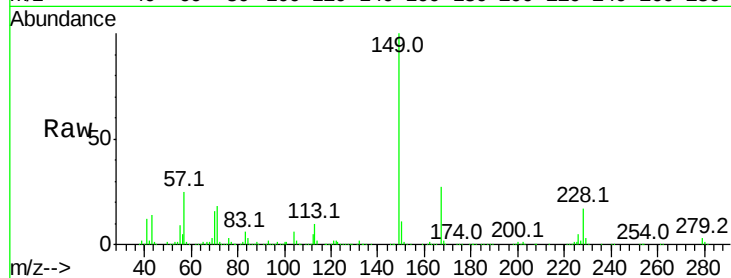




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 51.27 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

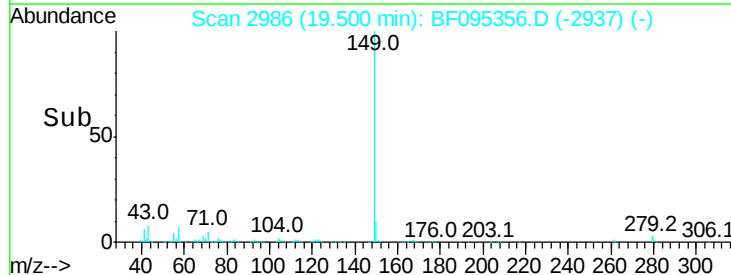
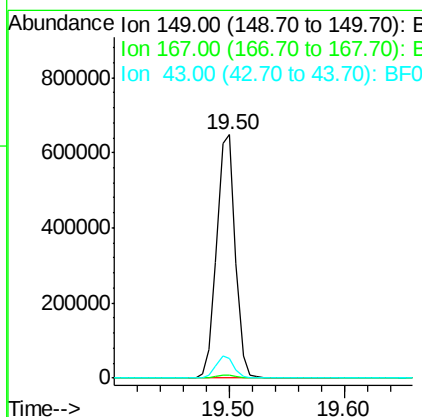
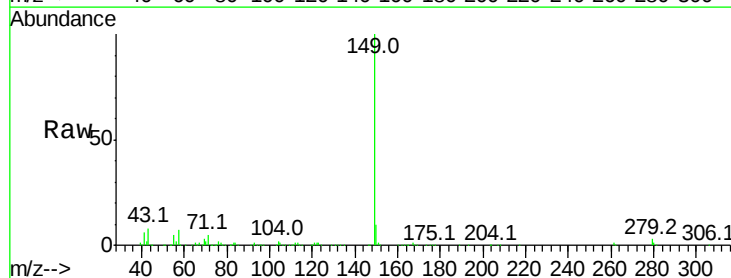
Instrument :
 BNA_F
 ClientSampleId :

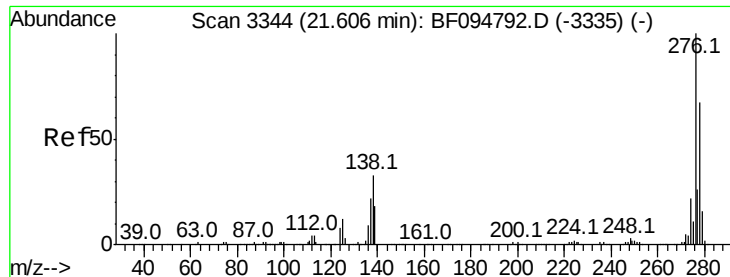
Tot Ion:149 Resp: 485735
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.0 31.4
 279 2.9 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 46.67 ng
 RT: 19.50 min Scan# 2986
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion:149 Resp: 724918
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 8.5 8.5 12.7

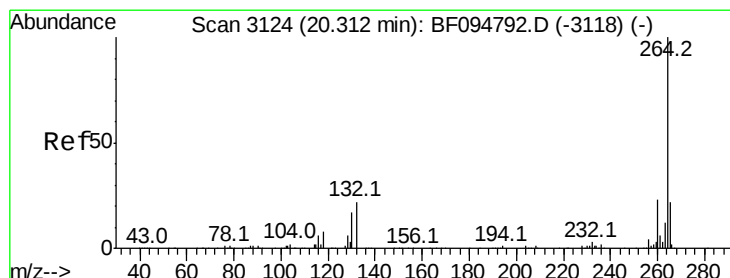
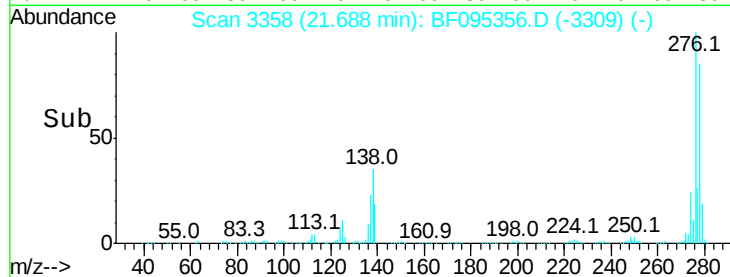
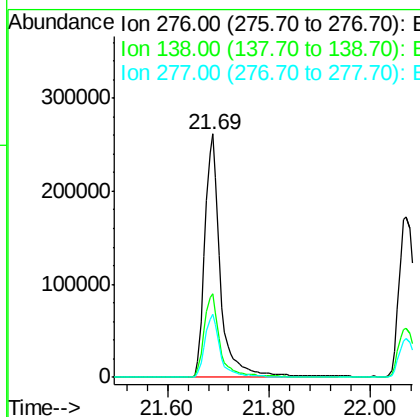
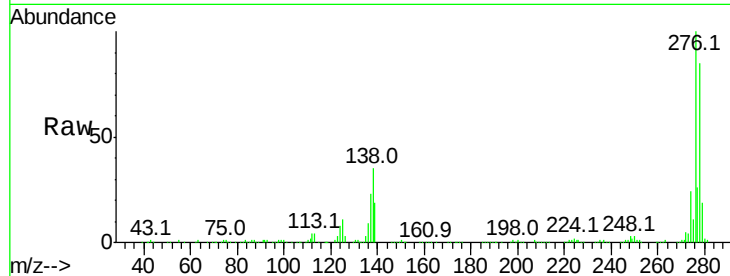




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 64.40 ng
 RT: 21.69 min Scan# 3358
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

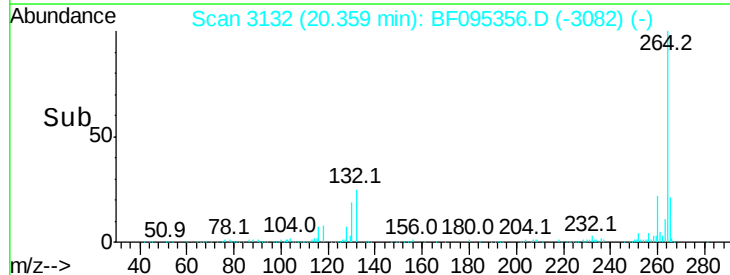
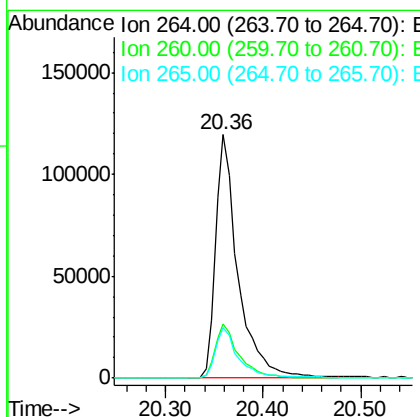
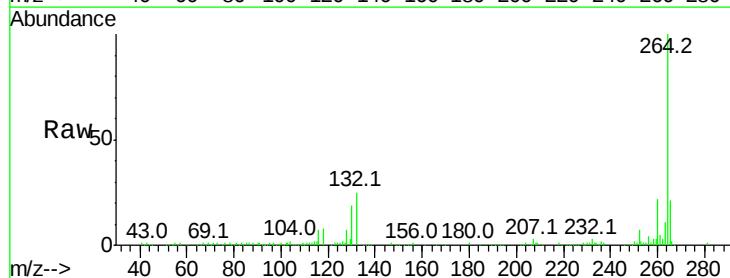
Instrument :
 BNA_F
 ClientSampleId :

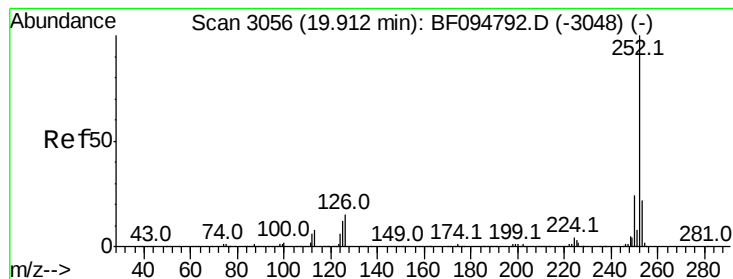
Tot Ion	Ratio	Lower	Upper
276	100		
138	35.0	27.8	41.6
277	25.2	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.36 min Scan# 3132
 Delta R.T. -0.01 min
 Lab File: BF095356.D
 Acq: 23 May 2017 17:49

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.5	29.3
265	20.6	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 39.34 ng

RT: 19.95 min Scan# 3062

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampled :

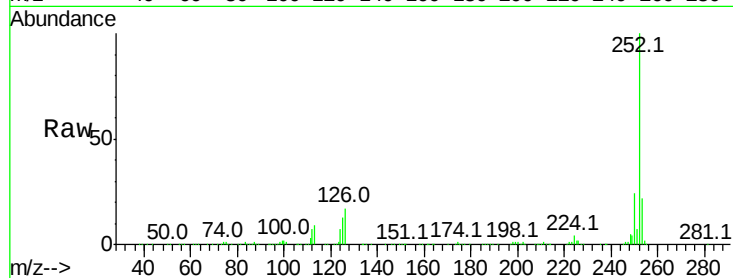
Tot Ion:252 Resp: 462475

Ion Ratio Lower Upper

252 100

253 22.0 18.1 27.1

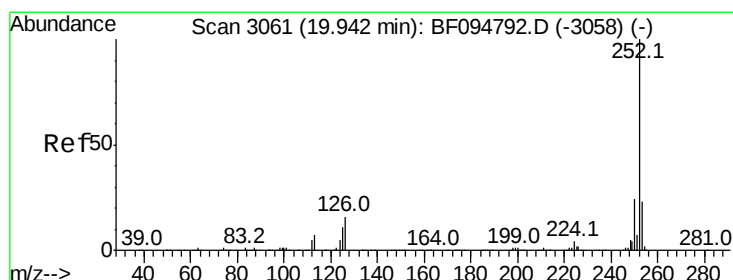
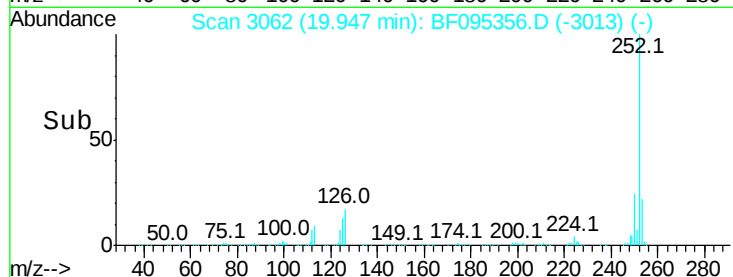
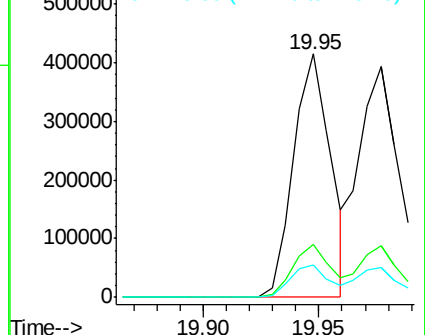
125 13.3 9.8 14.8



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



#88

Benzo(k)fluoranthene

Concen: 45.66 ng

RT: 19.98 min Scan# 3067

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

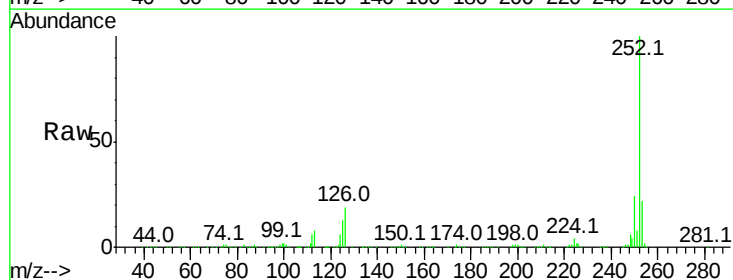
Tgt Ion:252 Resp: 517661

Ion Ratio Lower Upper

252 100

253 22.3 18.4 27.6

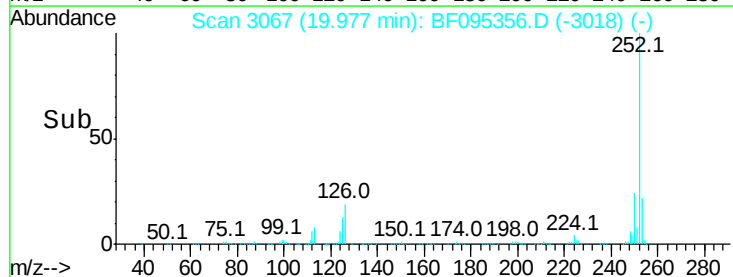
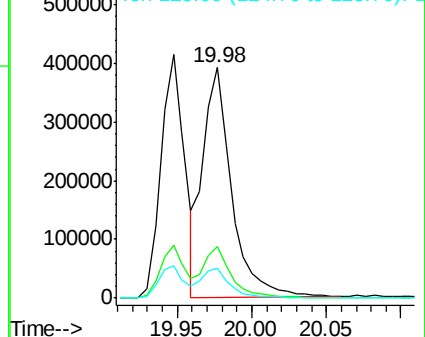
125 13.2 13.1 19.7

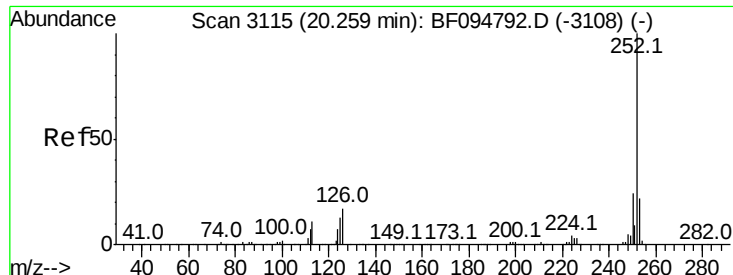


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

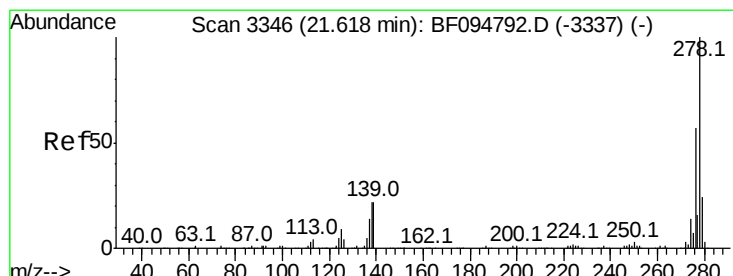
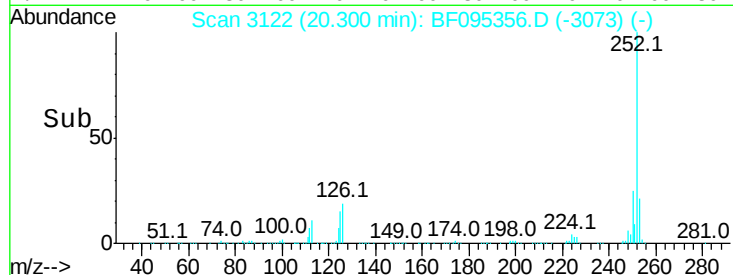
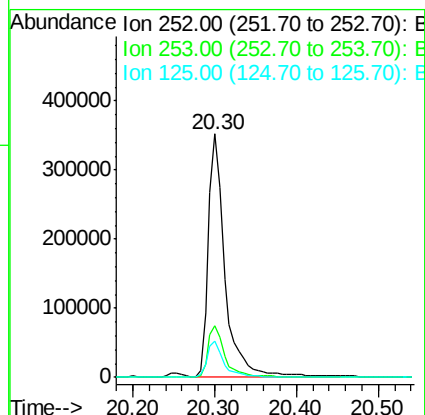
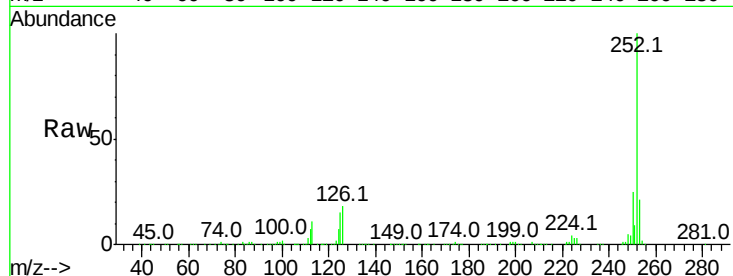




#89
Benzo(a)pyrene
Concen: 45.27 ng
RT: 20.30 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

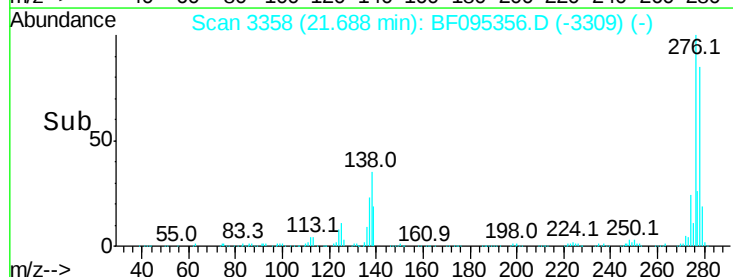
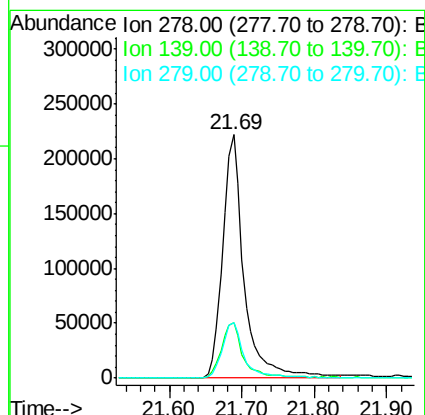
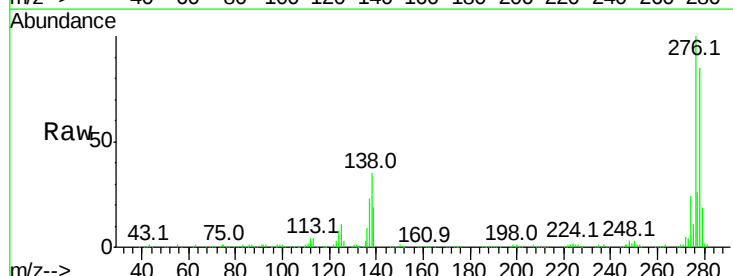
Instrument :
BNA_F
ClientSampleId :

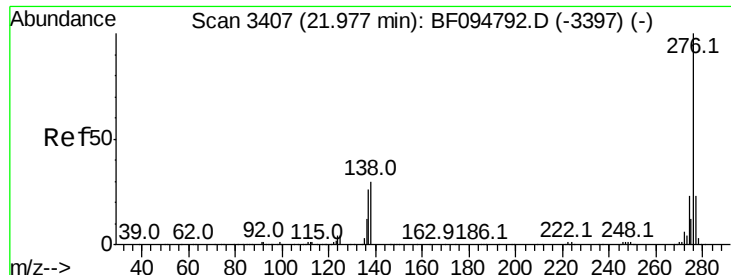
Tot Ion:252 Resp: 491061
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 14.9 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 51.00 ng
RT: 21.69 min Scan# 3358
Delta R.T. -0.01 min
Lab File: BF095356.D
Acq: 23 May 2017 17:49

Tgt Ion:278 Resp: 456841
Ion Ratio Lower Upper
278 100
139 22.7 16.6 24.8
279 22.8 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 52.90 ng

RT: 22.07 min Scan# 3423

Delta R.T. -0.01 min

Lab File: BF095356.D

Acq: 23 May 2017 17:49

Instrument :

BNA_F

ClientSampleId :

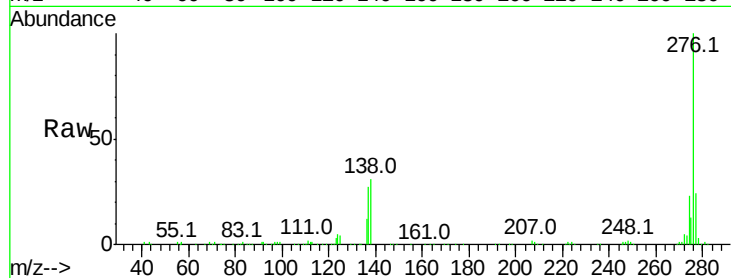
Tot Ion: 276 Resp: 465013

Ion Ratio Lower Upper

276 100

277 24.0 18.6 28.0

138 31.0 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

