

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095962.D
 Acq On : 16 Jun 2017 18:41
 Operator : SJ/MA
 Sample : PB99832BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 16 23:03:35 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	63927	20.00	ng	0.00
21) Naphthalene-d8	9.35	136	264085	20.00	ng	0.00
38) Acenaphthene-d10	12.17	164	117724	20.00	ng	0.00
63) Phenanthrene-d10	14.57	188	195464	20.00	ng	0.00
75) Chrysene-d12	18.29	240	121182	20.00	ng	0.00
86) Perylene-d12	19.96	264	124291	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.23	112	581822	145.03	ng	0.01
7) Phenol-d6	6.91	99	680062	141.59	ng	0.00
23) Nitrobenzene-d5	8.25	82	404857	95.21	ng	0.00
41) 2,4,6-Tribromophenol	13.47	330	137176	131.70	ng	0.00
44) 2-Fluorobiphenyl	11.14	172	789878	93.37	ng	0.00
78) Terphenyl-d14	16.94	244	533112	109.18	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	1.70	88	68074	35.67	ng	95
3) Pyridine	2.25	79	176286	39.30	ng	97
4) n-Nitrosodimethylamine	2.22	42	76185	44.68	ng	# 76
6) Aniline	6.83	93	186598	29.70	ng	95
8) 2-Chlorophenol	7.02	128	208495	48.88	ng	93
9) Benzaldehyde	6.64	77	56842	17.55	ng	97
10) Phenol	6.92	94	253449	50.87	ng	89
11) bis(2-Chloroethyl)ether	6.97	93	184182	46.67	ng	97
12) 1,3-Dichlorobenzene	7.22	146	214190	44.36	ng	98
13) 1,4-Dichlorobenzene	7.35	146	219149	44.76	ng	96
14) 1,2-Dichlorobenzene	7.58	146	208119	46.11	ng	96
15) Benzyl Alcohol	7.63	79	164719	49.97	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.82	45	255086	46.00	ng	97
17) 2-Methylphenol	7.87	107	172319	48.14	ng	94
18) Hexachloroethane	8.10	117	72779	45.01	ng	# 85
19) n-Nitroso-di-n-propylamine	8.06	70	142455	46.80	ng	95
20) 3+4-Methylphenols	8.14	107	222498	48.96	ng	# 59
22) Acetophenone	8.02	105	287309	46.48	ng	# 85
24) Nitrobenzene	8.27	77	205170	45.17	ng	92
25) Isophorone	8.67	82	360022	45.34	ng	96
26) 2-Nitrophenol	8.79	139	115995	48.77	ng	98
27) 2,4-Dimethylphenol	8.94	122	181409	49.14	ng	97
28) bis(2-Chloroethoxy)methane	9.06	93	235804	45.05	ng	100
29) 2,4-Dichlorophenol	9.22	162	168759	47.47	ng	99
30) 1,2,4-Trichlorobenzene	9.29	180	169343	45.78	ng	100
31) Naphthalene	9.39	128	591844	44.66	ng	99
32) Benzoic acid	9.32	122	92933	41.11	ng	96
33) 4-Chloroaniline	9.55	127	97296	18.78	ng	# 91
34) Hexachlorobutadiene	9.61	225	84517	44.22	ng	99
35) Caprolactam	10.17	113	31536	29.81	ng	87
36) 4-Chloro-3-methylphenol	10.43	107	179254	48.17	ng	89
37) 2-Methylnaphthalene	10.52	142	408927	45.67	ng	99
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	158956	45.12	ng	98
40) Hexachlorocyclopentadiene	10.76	237	42248	44.12	ng	97

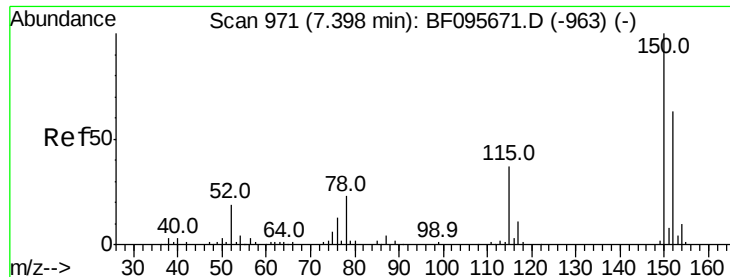
Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
 Data File : BF095962.D
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 Operator : SJ/MA
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	11.03	196	108994	48.11	nq	99
43) 2,4,5-Trichlorophenol	11.13	196	104583	43.40	nq	91
45) 1,1'-Biphenyl	11.29	154	452204	46.61	nq	96
46) 2-Chloronaphthalene	11.30	162	350281	46.20	nq	95
47) 2-Nitroaniline	11.52	65	103075	46.46	nq	88
48) Acenaphthylene	11.94	152	544896	42.03	nq	99
49) Dimethylphthalate	11.84	163	414930	46.42	nq	98
50) 2,6-Dinitrotoluene	11.94	165	86922	44.58	nq	# 73
51) Acenaphthene	12.23	154	325559	43.48	nq	98
52) 3-Nitroaniline	12.20	138	59773	26.31	nq	85
53) 2,4-Dinitrophenol	12.43	184	55992	53.09	nq	# 67
54) Dibenzofuran	12.52	168	495235	47.00	nq	97
55) 4-Nitrophenol	12.63	139	93109	70.77	nq	# 72
56) 2,4-Dinitrotoluene	12.61	165	125276	47.57	nq	# 92
57) Fluorene	13.07	166	394995	43.07	nq	98
58) 2,3,4,6-Tetrachlorophenol	12.77	232	82043	49.76	nq	# 89
59) Diethylphthalate	12.99	149	395757	46.01	nq	99
60) 4-Chlorophenyl-phenylether	13.10	204	176738	44.32	nq	88
61) 4-Nitroaniline	13.21	138	83490	39.37	nq	98
62) Azobenzene	13.36	77	365559	46.89	nq	93
64) 4,6-Dinitro-2-methylphenol	13.29	198	46720	36.36	nq	77
65) n-Nitrosodiphenylamine	13.31	169	339801	48.38	nq	99
66) 4-Bromophenyl-phenylether	13.87	248	97807	48.15	nq	98
67) Hexachlorobenzene	13.96	284	95919	47.92	nq	# 91
68) Atrazine	14.24	200	99756	51.03	nq	98
69) Pentachlorophenol	14.33	266	50883	68.11	nq	99
70) Phenanthrene	14.60	178	519168	46.03	nq	98
71) Anthracene	14.69	178	540226	45.88	nq	98
72) Carbazole	14.99	167	480643	41.89	nq	97
73) Di-n-butylphthalate	15.59	149	599555	49.11	nq	# 97
74) Fluoranthene	16.39	202	456634	40.91	nq	99
76) Benzidine	16.62	184	214280	46.04	nq	# 91
77) Pyrene	16.69	202	451135	49.89	nq	99
79) Butylbenzylphthalate	17.62	149	199891	50.62	nq	91
80) Benzo(a)anthracene	18.28	228	332964	47.26	nq	97
81) 3,3'-Dichlorobenzidine	18.26	252	99644	39.78	nq	# 96
82) Chrysene	18.32	228	324827	46.13	nq	99
83) Bis(2-ethylhexyl)phthalate	18.36	149	271310	48.71	nq	# 98
84) Di-n-octyl phthalate	19.13	149	418114	45.55	nq	97
85) Indeno(1,2,3-cd)pyrene	21.11	276	322473	53.53	nq	99
87) Benzo(b)fluoranthene	19.55	252	346091	44.47	nq	97
88) Benzo(k)fluoranthene	19.58	252	317242	42.65	nq	96
89) Benzo(a)pyrene	19.90	252	324529	45.37	nq	99
90) Dibenzo(a,h)anthracene	21.11	278	278002	45.82	nq	98
91) Benzo(g,h,i)perylene	21.44	276	264636	42.78	nq	100

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

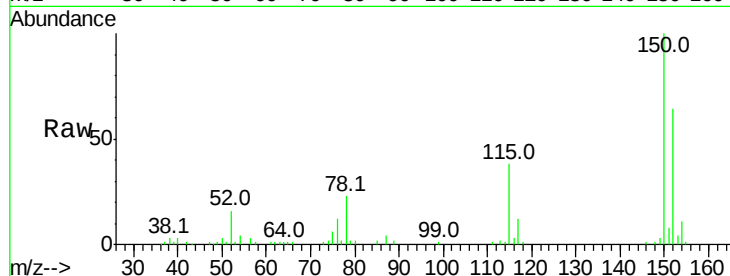


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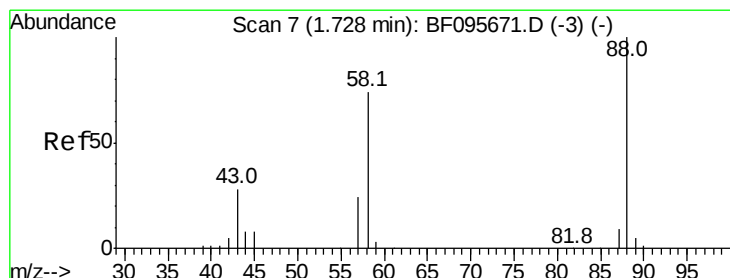
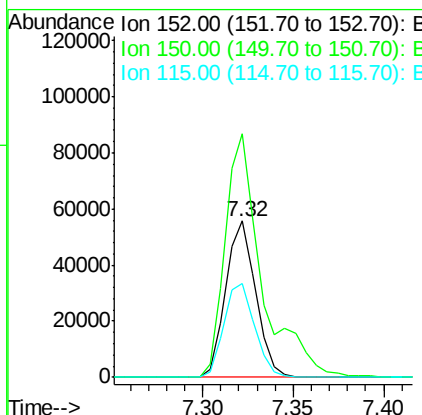
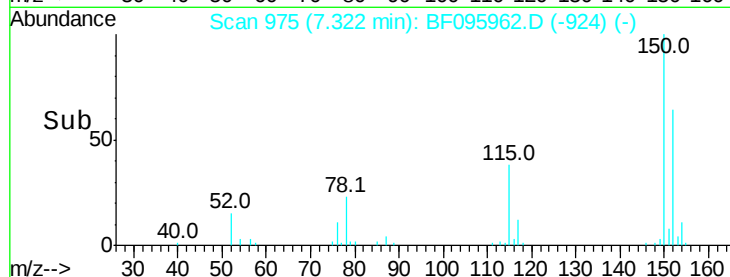
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.32 min Scan# 975
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 63927
Ion Ratio Lower Upper
152 100
150 155.7 126.2 189.2
115 59.8 52.2 78.2



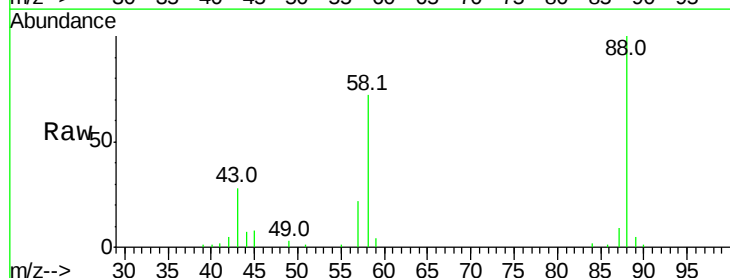
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



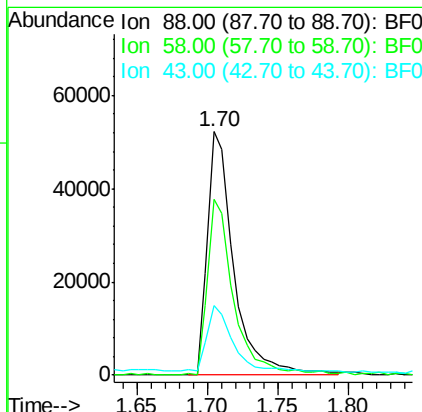
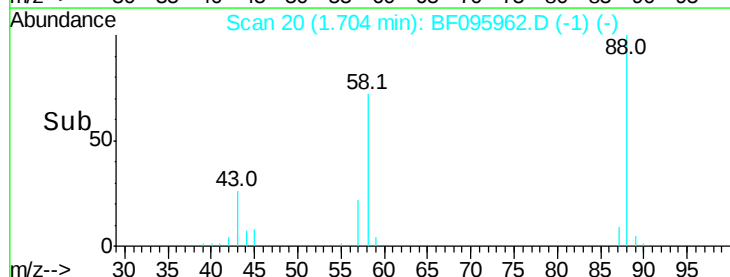
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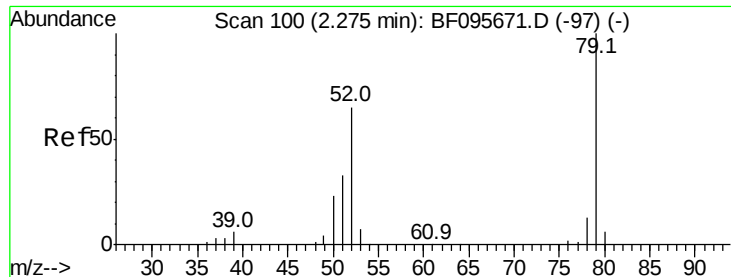
1,4-Dioxane
Concen: 35.67 ng
RT: 1.70 min Scan# 20
Delta R.T. 0.07 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion: 88 Resp: 68074
Ion Ratio Lower Upper
88 100
58 72.1 61.4 92.0
43 26.4 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

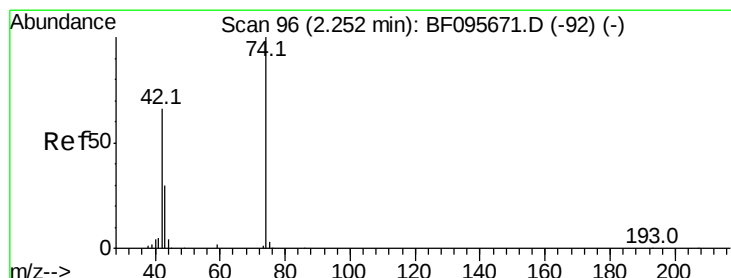
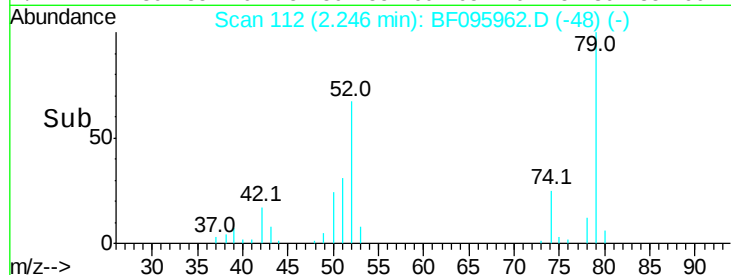
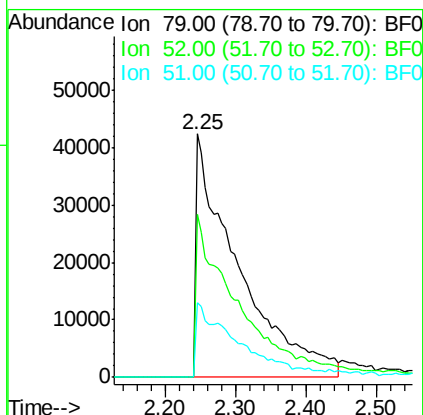
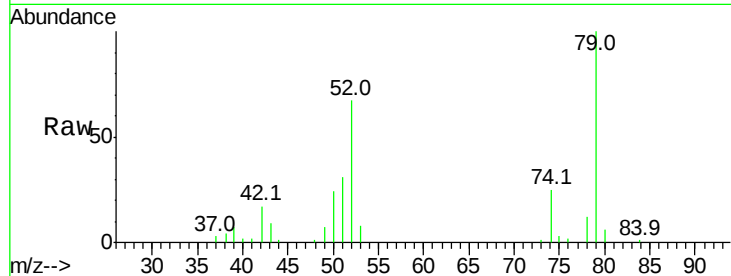




#3
 Pvridine
 Concen: 39.30 ng
 RT: 2.25 min Scan# 112
 Delta R.T. 0.08 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

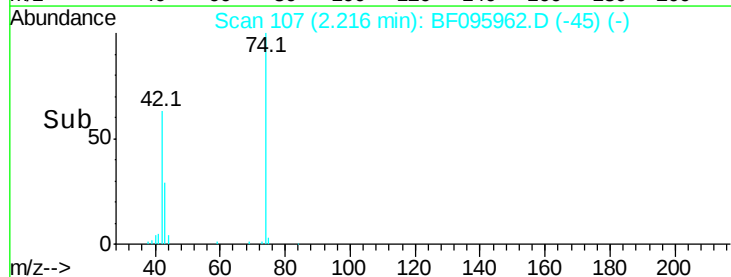
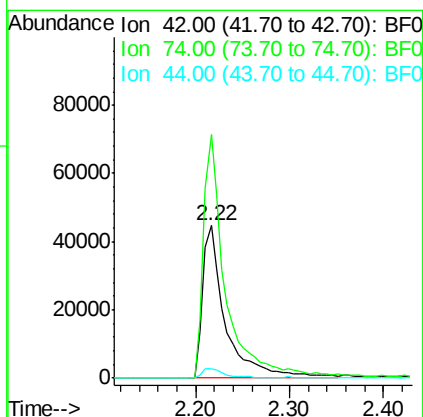
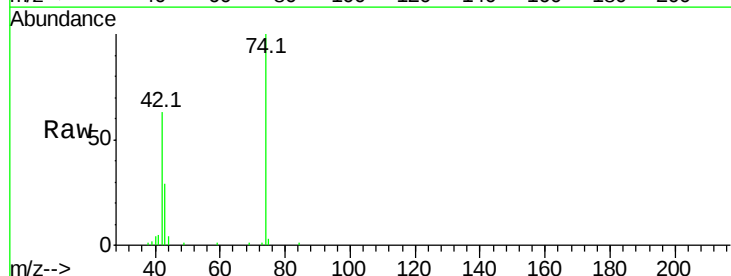
Instrument :
 BNA_F
 ClientSampled :

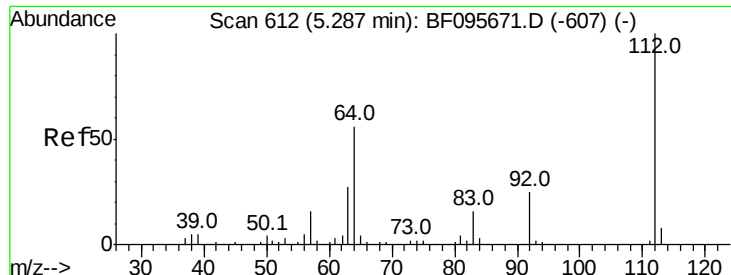
Tot Ion: 79 Resp: 176286
 Ion Ratio Lower Upper
 79 100
 52 67.2 54.8 82.2
 51 30.9 27.0 40.4



#4
 n-Nitrosodimethylamine
 Concen: 44.68 ng
 RT: 2.22 min Scan# 107
 Delta R.T. 0.06 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion: 42 Resp: 76185
 Ion Ratio Lower Upper
 42 100
 74 159.8 103.9 155.9#
 44 6.4 5.7 8.5





#5

2-Fluorophenol

Concen: 145.03 ng

RT: 5.23 min Scan# 619

Delta R.T. 0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

ClientSampled :

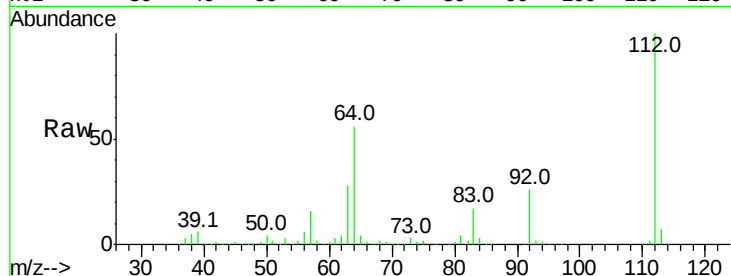
Tot Ion: 112 Resp: 581822

Ion Ratio Lower Upper

112 100

64 56.0 46.0 69.0

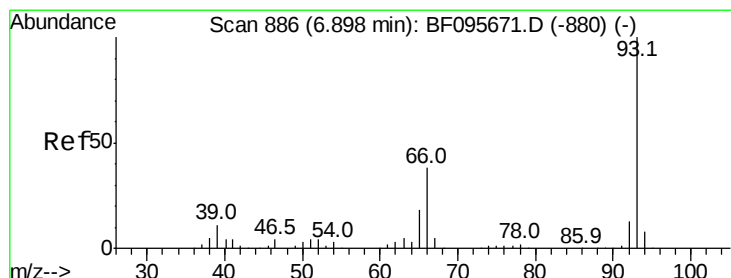
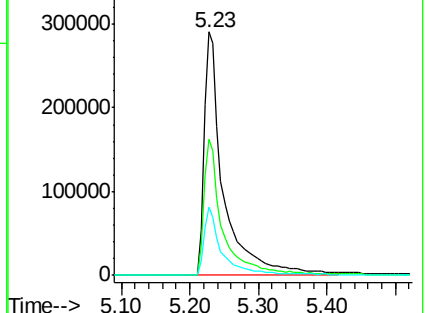
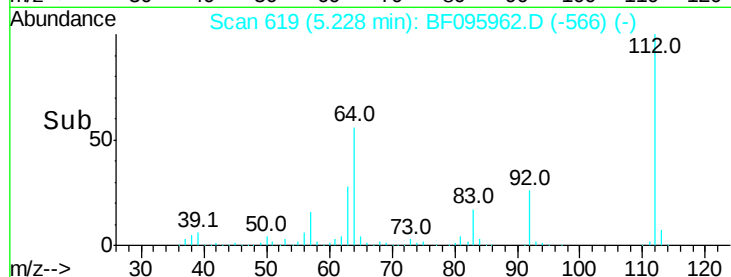
63 27.9 23.4 35.0



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: 29.70 ng

RT: 6.83 min Scan# 891

Delta R.T. 0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

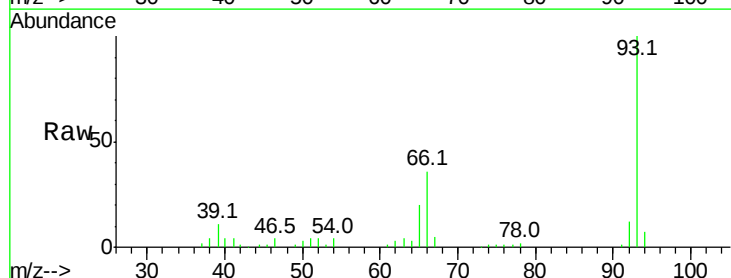
Tgt Ion: 93 Resp: 186598

Ion Ratio Lower Upper

93 100

66 36.5 32.9 49.3

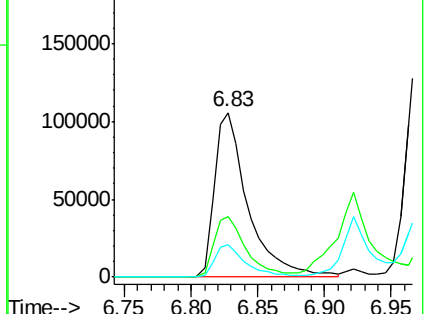
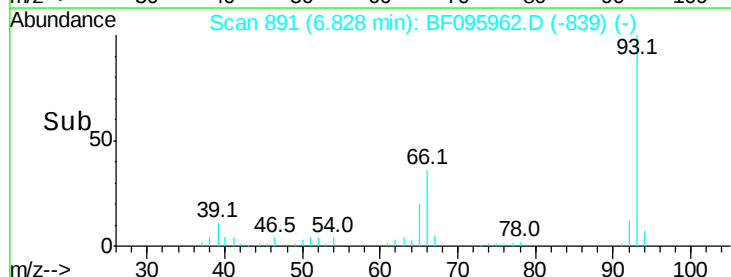
65 19.6 16.0 24.0



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: 141.59 ng

RT: 6.91 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

ClientSampled :

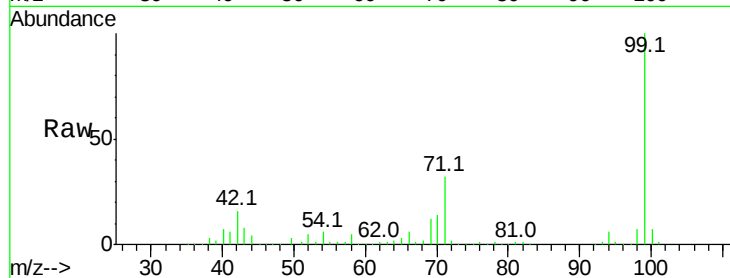
Tot Ion: 99 Resp: 680062

Ion Ratio Lower Upper

99 100

42 16.3 13.5 20.3

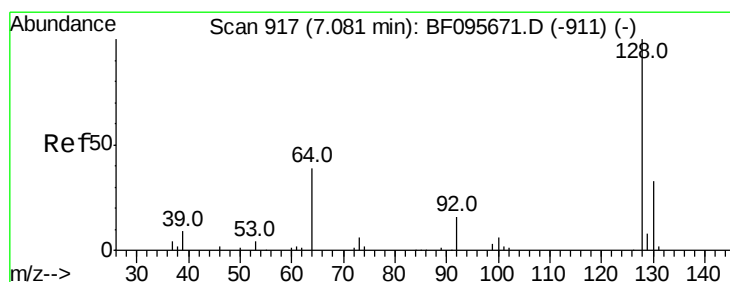
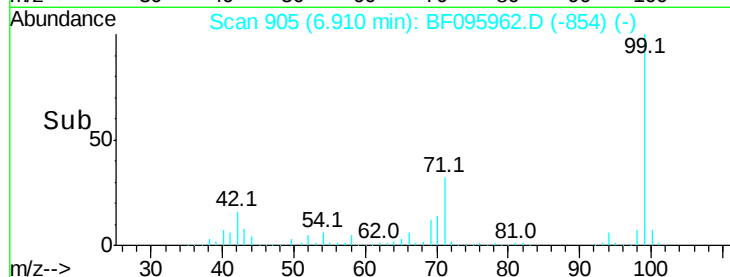
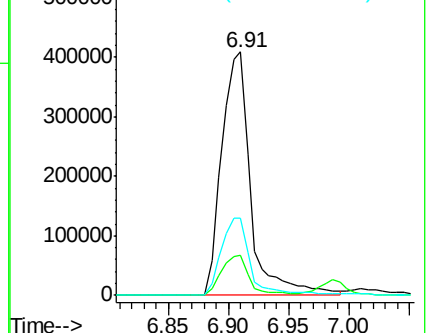
71 31.8 24.5 36.7



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: 48.88 ng

RT: 7.02 min Scan# 923

Delta R.T. 0.00 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

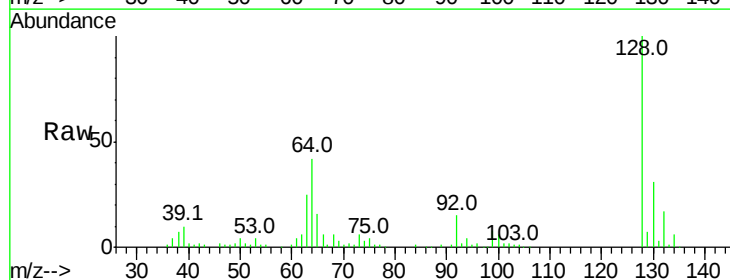
Tgt Ion:128 Resp: 208495

Ion Ratio Lower Upper

128 100

130 31.4 12.9 52.9

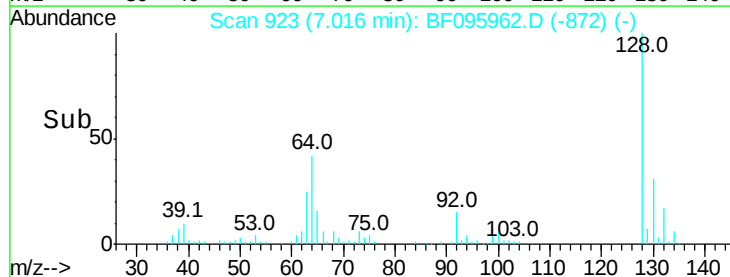
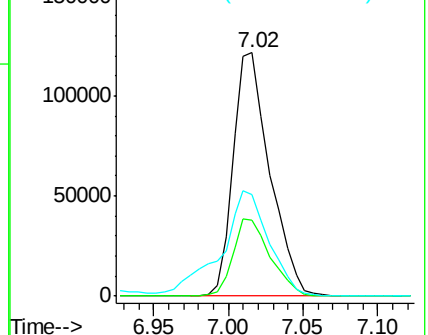
64 41.8 28.4 68.4

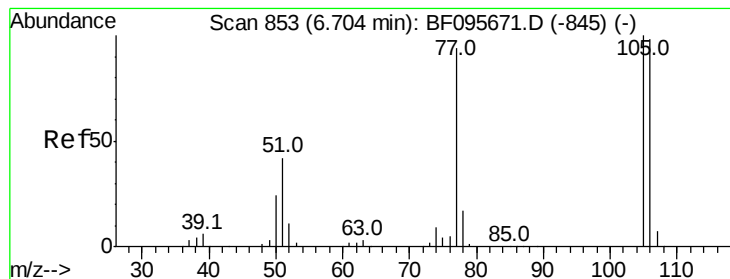


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0





#9

Benzaldehyde

Concen: 17.55 ng

RT: 6.64 min Scan# 859

Delta R.T. 0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

ClientSampleId :

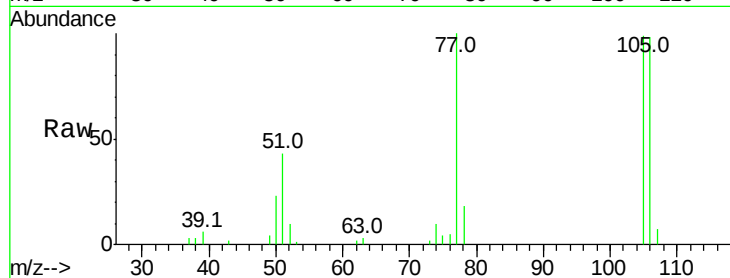
Tot Ion: 77 Resp: 56842

Ion Ratio Lower Upper

77 100

105 99.5 83.8 123.8

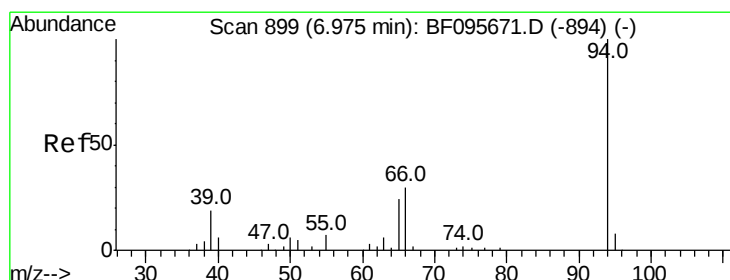
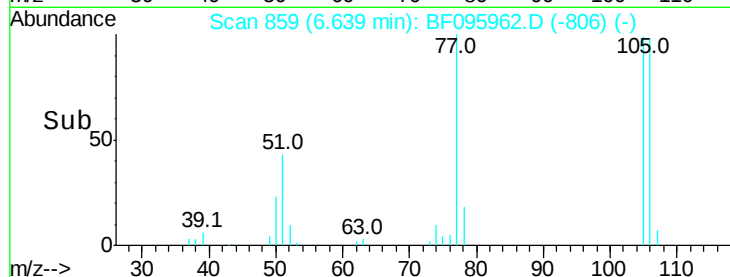
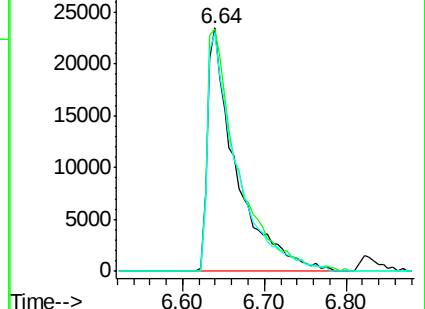
106 98.2 79.1 119.1



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 50.87 ng

RT: 6.92 min Scan# 907

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

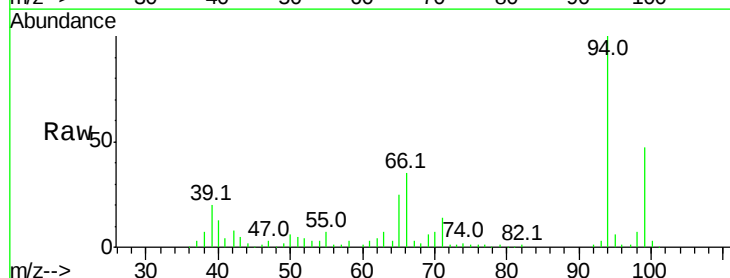
Tgt Ion: 94 Resp: 253449

Ion Ratio Lower Upper

94 100

65 25.2 9.9 49.9

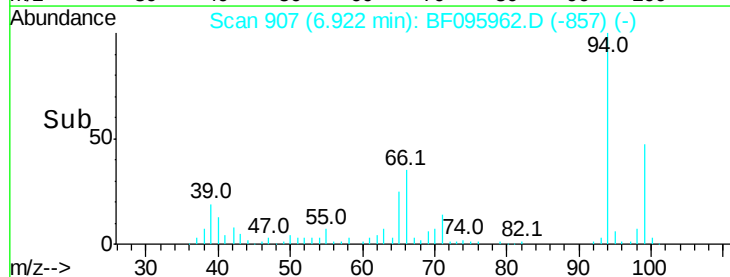
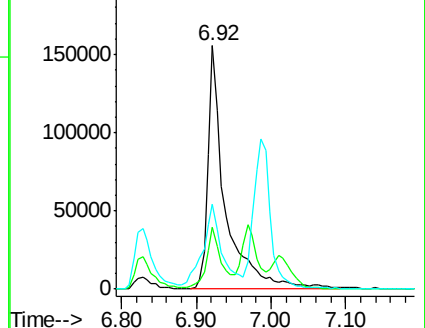
66 34.8 23.1 63.1

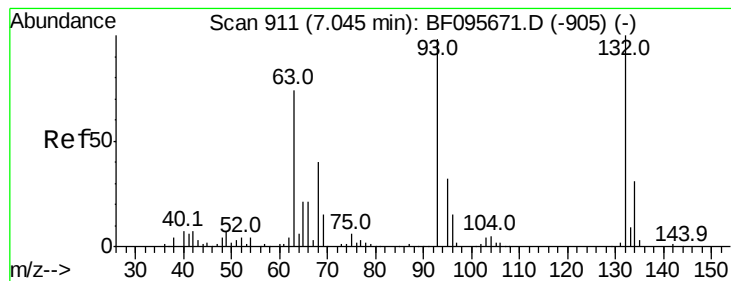


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

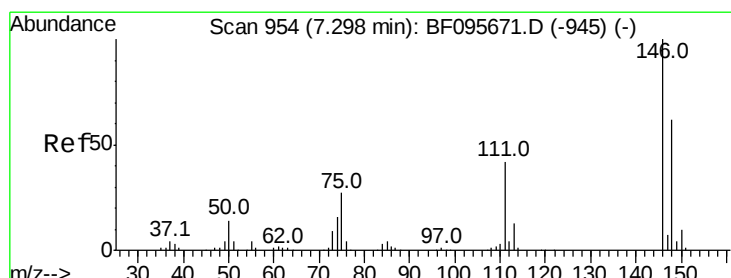
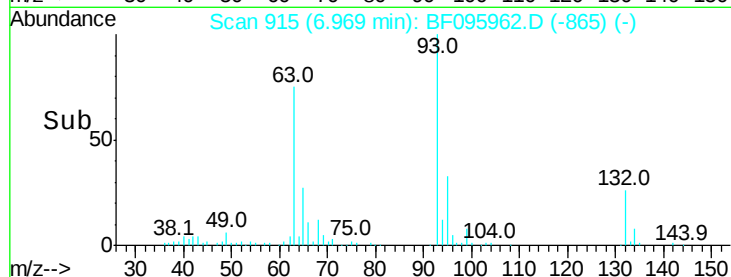
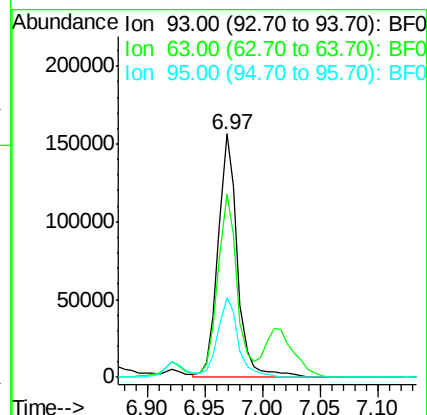
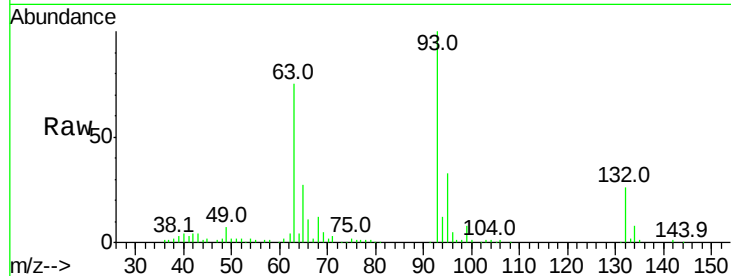




#11
bis(2-Chloroethyl)ether
Concen: 46.67 ng
RT: 6.97 min Scan# 915
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

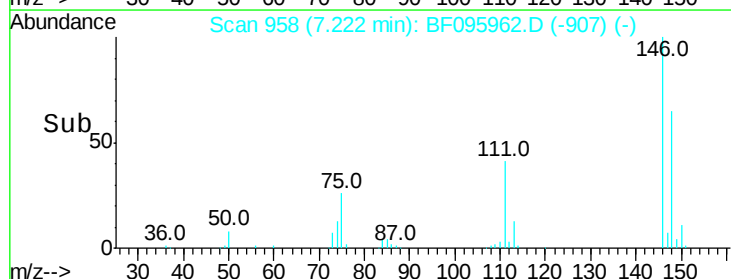
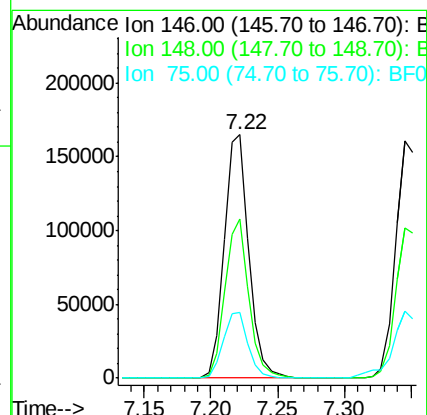
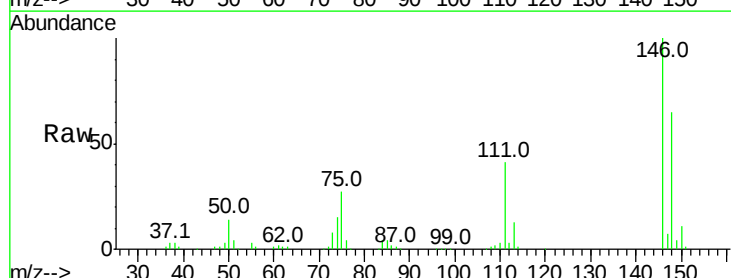
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 93 Resp: 184182
Ion Ratio Lower Upper
93 100
63 75.4 59.2 99.2
95 33.0 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 44.36 ng
RT: 7.22 min Scan# 958
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion: 146 Resp: 214190
Ion Ratio Lower Upper
146 100
148 65.2 51.8 77.6
75 27.1 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 44.76 ng

RT: 7.35 min Scan# 979

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

ClientSampleId :

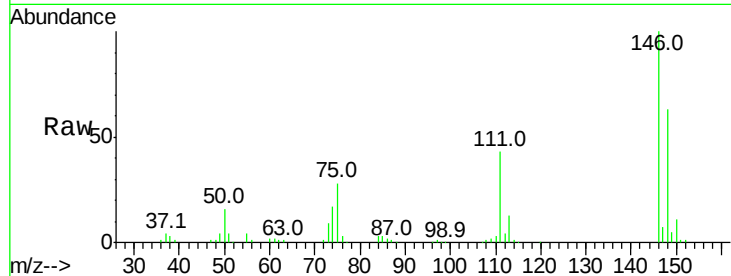
Tot Ion:146 Resp: 219149

Ion Ratio Lower Upper

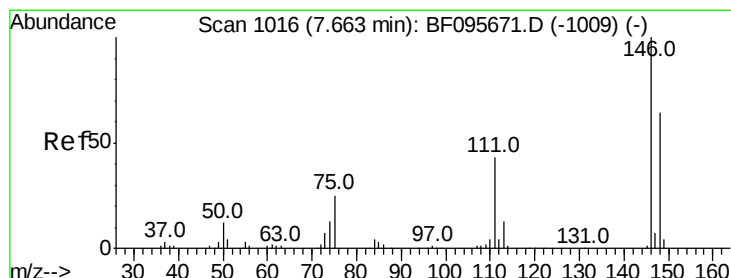
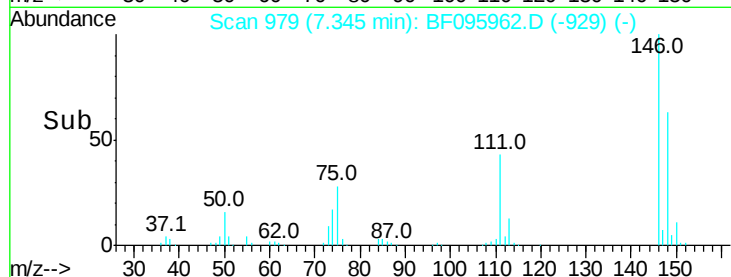
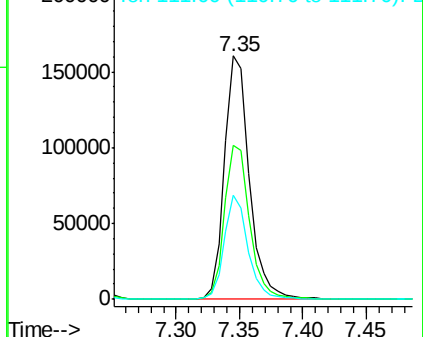
146 100

148 63.3 52.2 78.2

111 42.7 30.3 45.5



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



#14

1,2-Dichlorobenzene

Concen: 46.11 ng

RT: 7.58 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

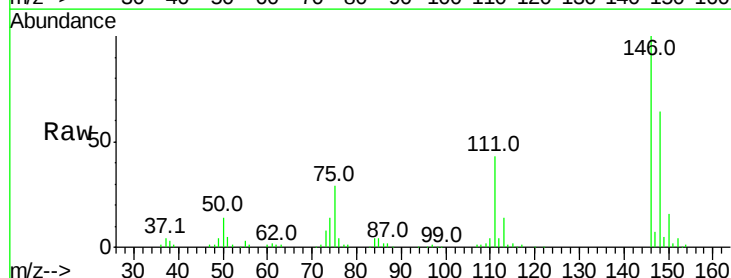
Tgt Ion:146 Resp: 208119

Ion Ratio Lower Upper

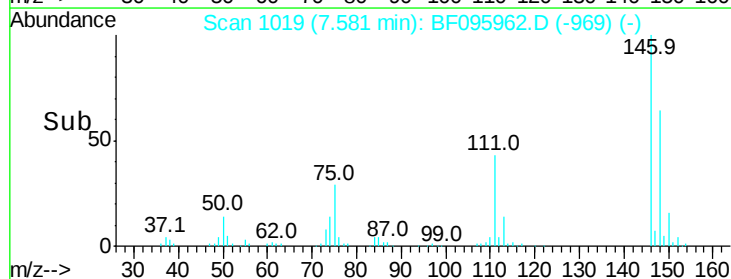
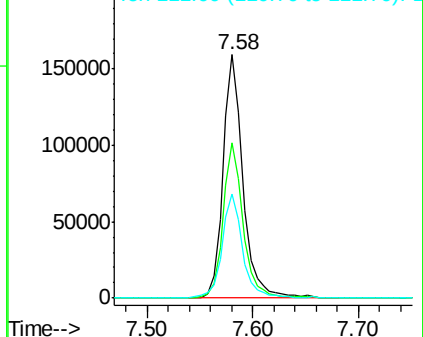
146 100

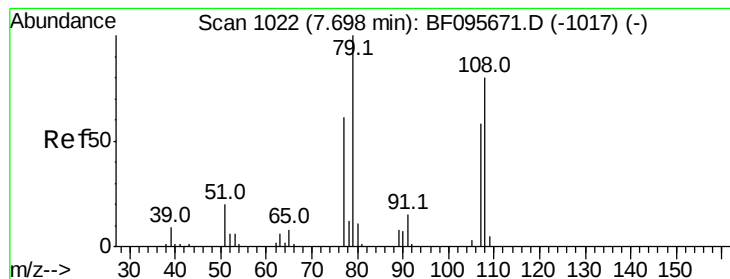
148 63.5 50.4 75.6

111 42.9 38.2 57.4



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





#15

Benzyl Alcohol

Concen: 49.97 ng

RT: 7.63 min Scan# 1028

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

ClientSampleId :

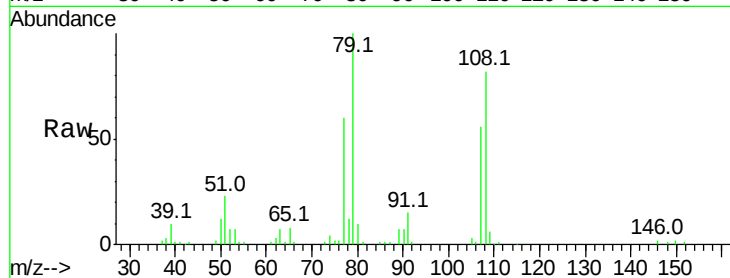
Tot Ion: 79 Resp: 164719

Ion Ratio Lower Upper

79 100

108 82.2 63.4 95.0

77 60.5 49.2 73.8



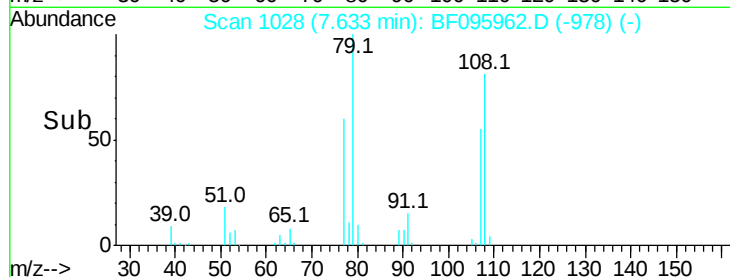
Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

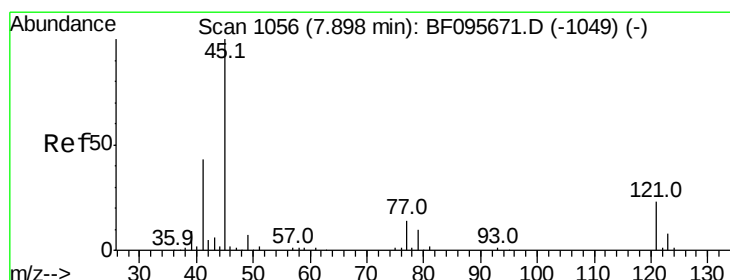
7.63

Time-->



7.63

Time-->



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.00 ng

RT: 7.82 min Scan# 1060

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

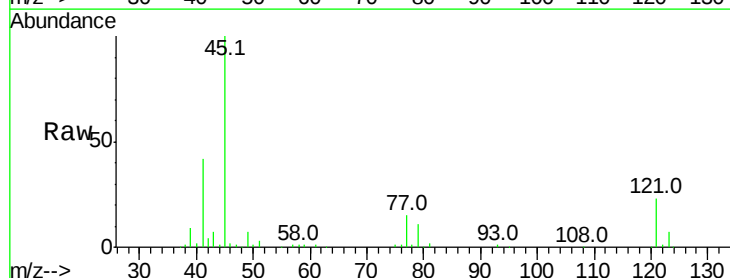
Tgt Ion: 45 Resp: 255086

Ion Ratio Lower Upper

45 100

77 14.7 0.0 33.2

79 10.7 0.0 30.0



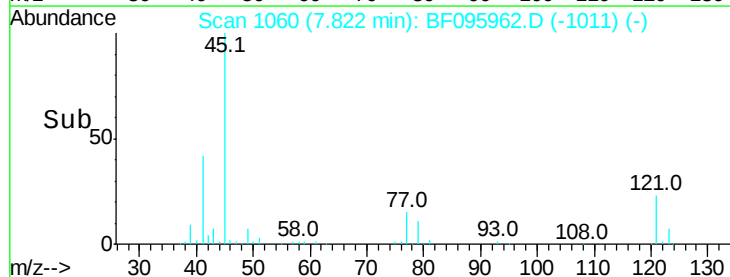
Abundance Ion 45.00 (44.70 to 45.70): BF0

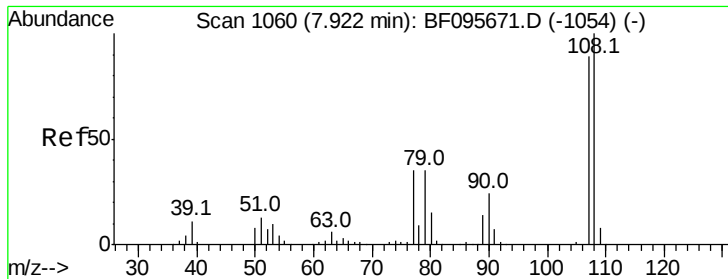
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0

7.82

Time-->

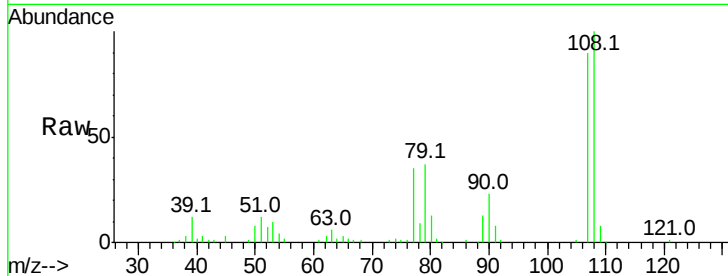




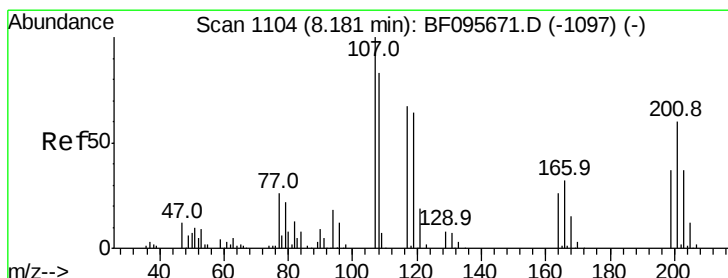
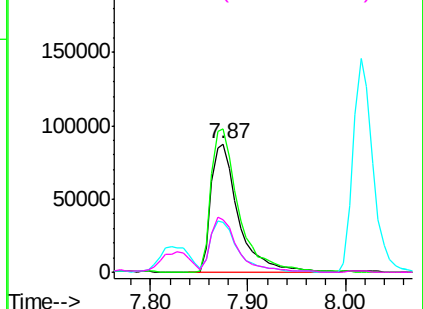
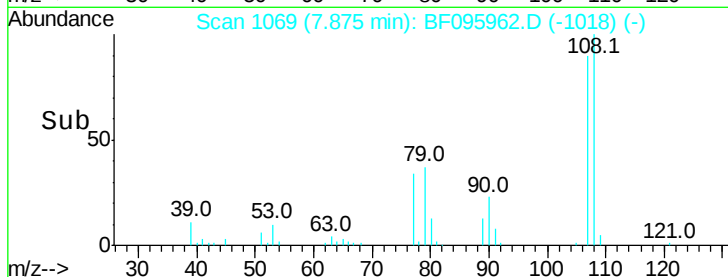
#17
2-Methylphenol
Concen: 48.14 ng
RT: 7.87 min Scan# 1069
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.2	93.4	140.0
77	39.1	35.8	53.6
79	41.0	34.8	52.2

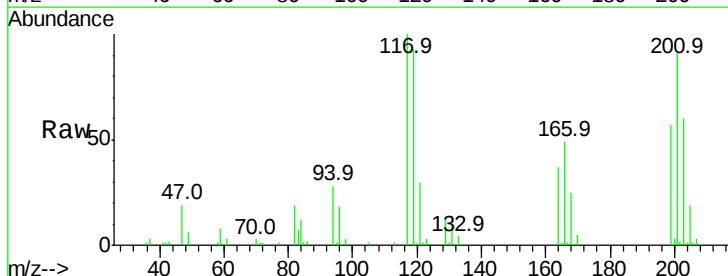


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF0
Ion 79.00 (78.70 to 79.70): BF0

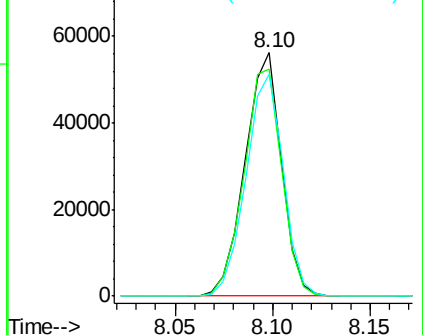
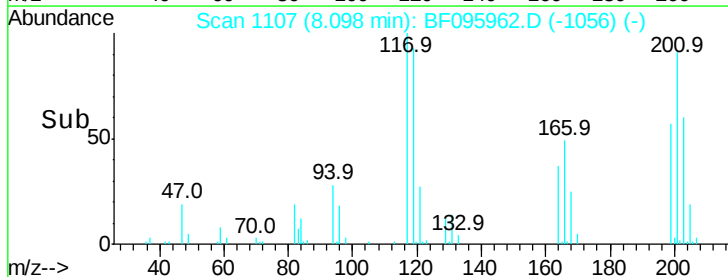


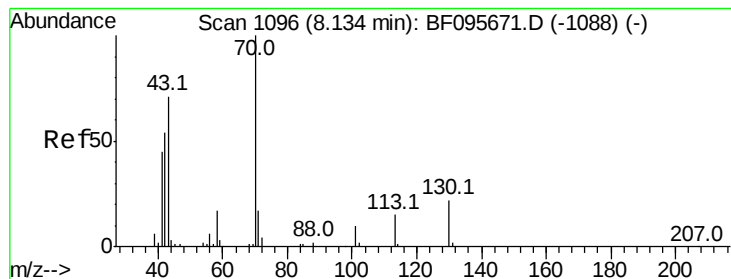
#18
Hexachloroethane
Concen: 45.01 ng
RT: 8.10 min Scan# 1107
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	77.4	116.0
201	91.3	94.6	141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 46.80 ng

RT: 8.06 min Scan# 1101

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 142455

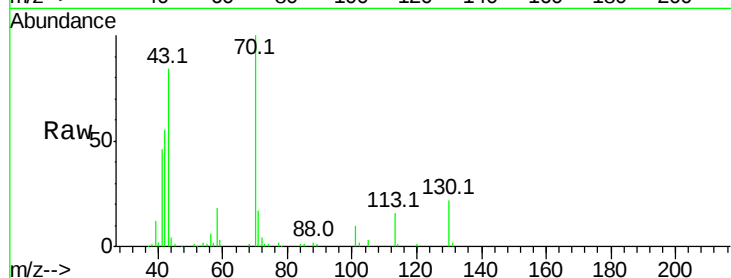
Ion Ratio Lower Upper

70 100

42 55.0 47.2 70.8

101 9.7 7.2 10.8

130 22.1 15.9 23.9

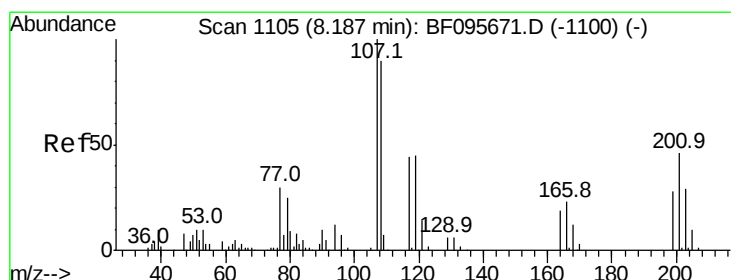
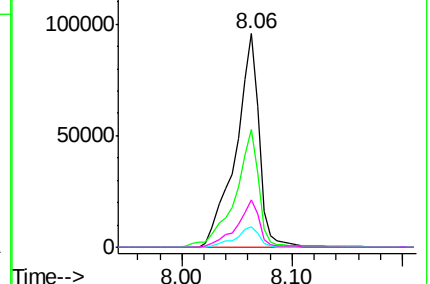
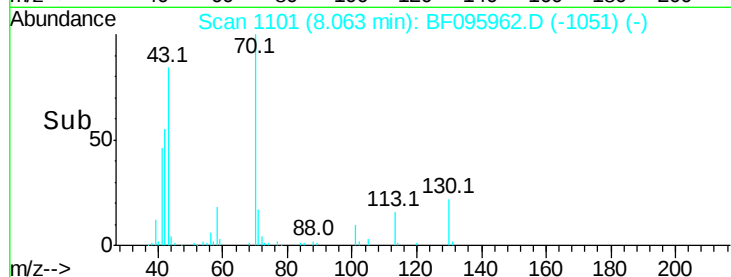


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0



#20

3+4-Methylphenols

Concen: 48.96 ng

RT: 8.14 min Scan# 1114

Delta R.T. 0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Tgt Ion: 107 Resp: 222498

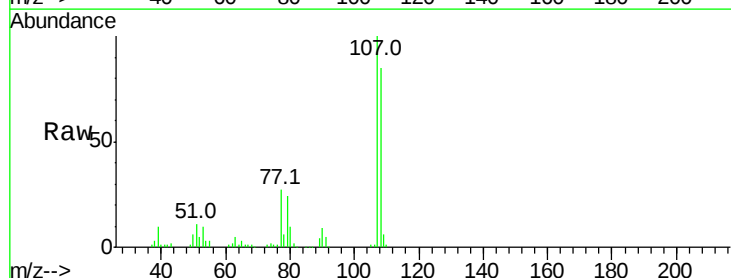
Ion Ratio Lower Upper

107 100

108 85.4 71.0 111.0

77 27.3 90.5 130.5#

79 23.9 8.4 48.4

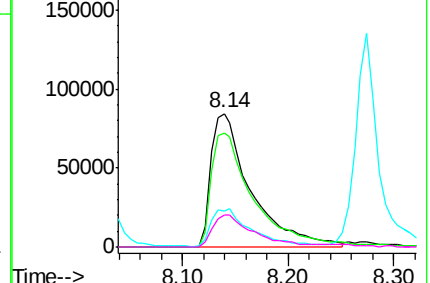
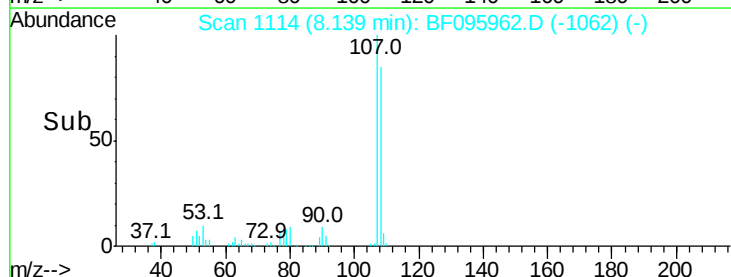


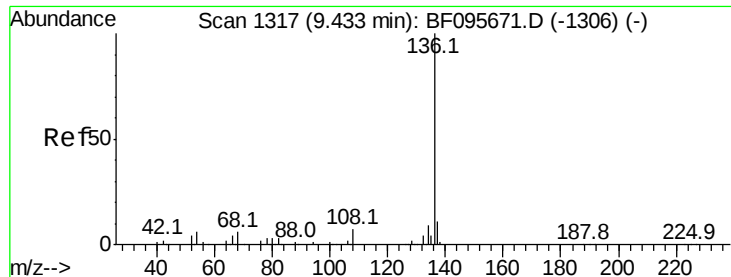
Abundance Ion 107.00 (106.70 to 107.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.35 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 264085

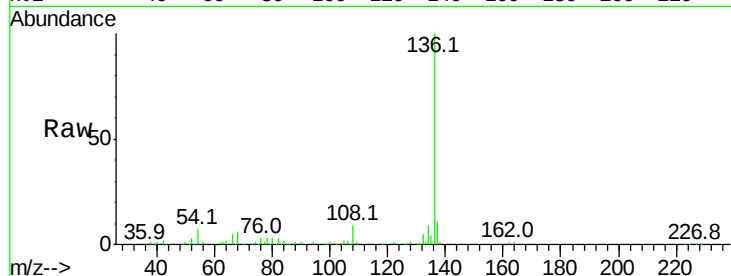
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 6.9 4.9 7.3

68 5.9 4.1 6.1

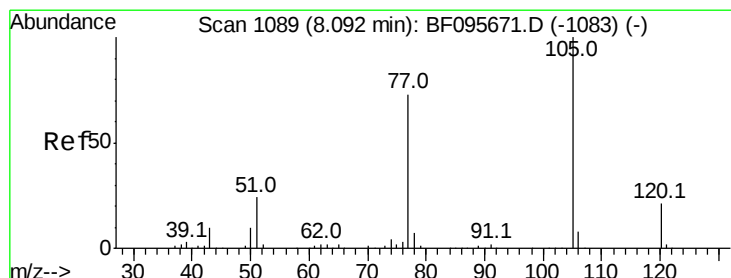
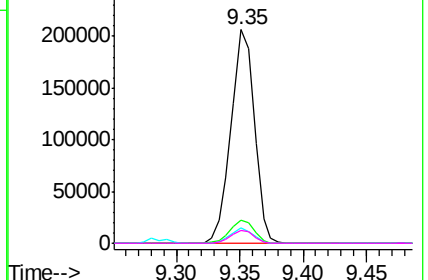
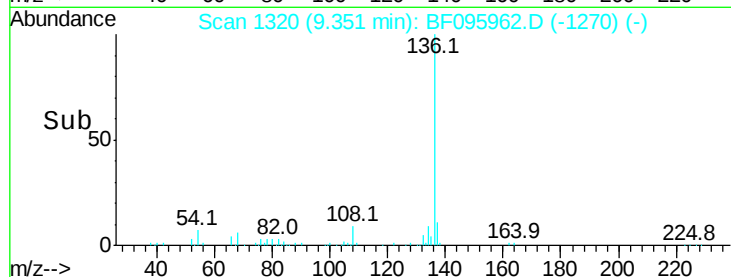


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#22

Acetophenone

Concen: 46.48 ng

RT: 8.02 min Scan# 1093

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Tgt Ion:105 Resp: 287309

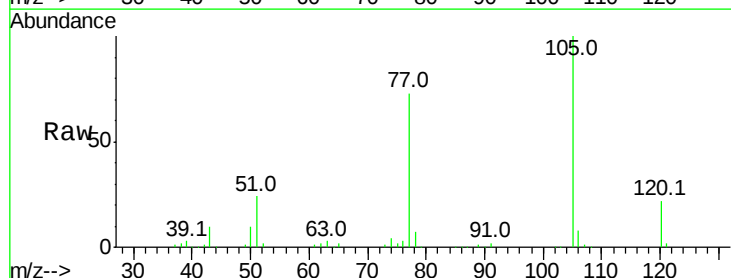
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 23.7 30.7 46.1#

120 21.9 17.4 26.0

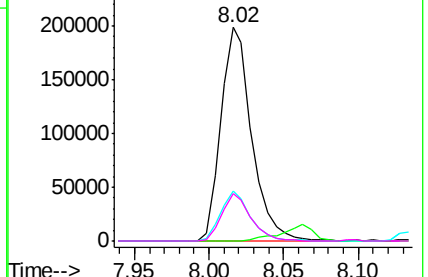
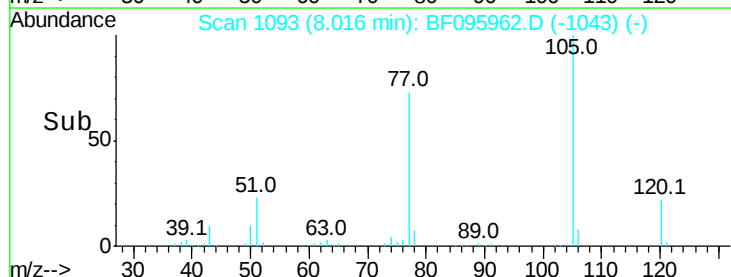


Abundance Ion 105.00 (104.70 to 105.70): E

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

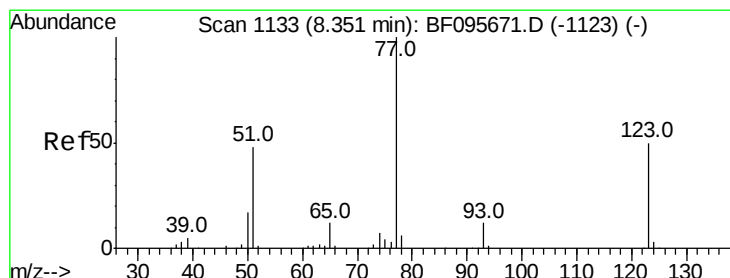
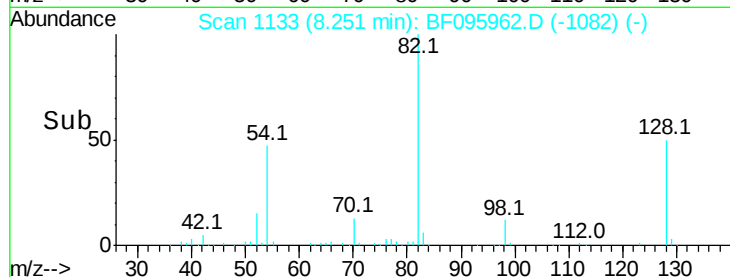
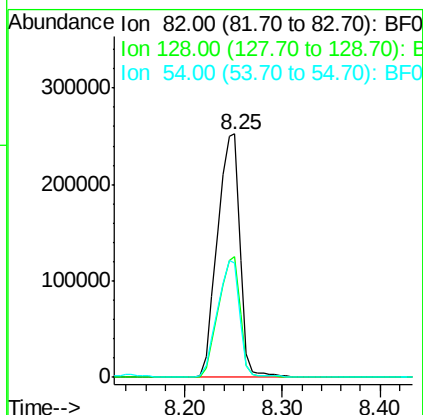
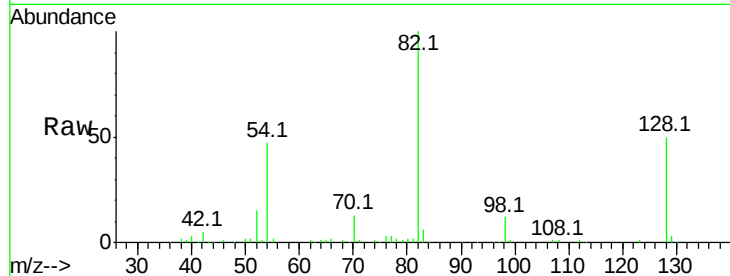




#23
Nitrobenzene-d5
Concen: 95.21 ng
RT: 8.25 min Scan# 1133
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

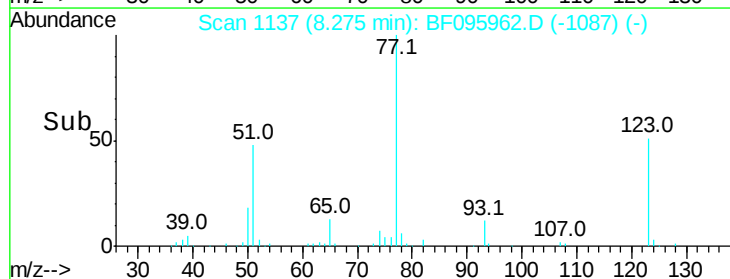
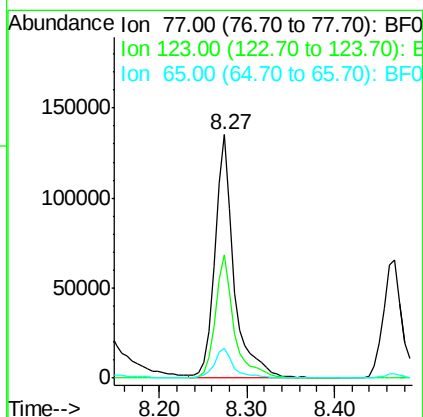
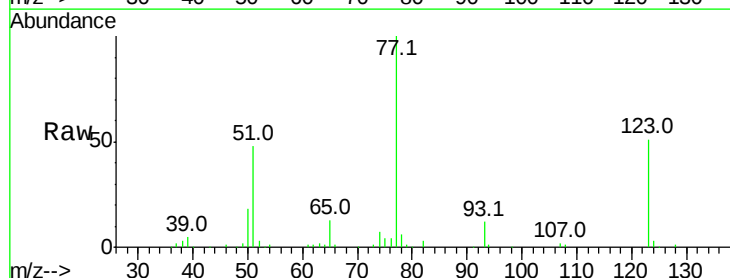
Instrument :
BNA_F
ClientSampleId :

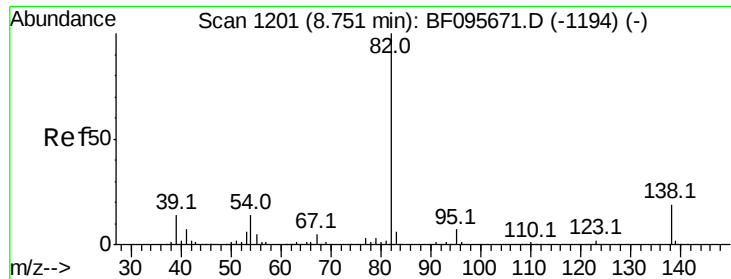
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.6	34.0	51.0
54	47.0	42.2	63.2



#24
Nitrobenzene
Concen: 45.17 ng
RT: 8.27 min Scan# 1137
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	50.8	35.8	53.8
65	12.5	10.6	15.8





#25

Isophorone

Concen: 45.34 ng

RT: 8.67 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

ClientSampleId :

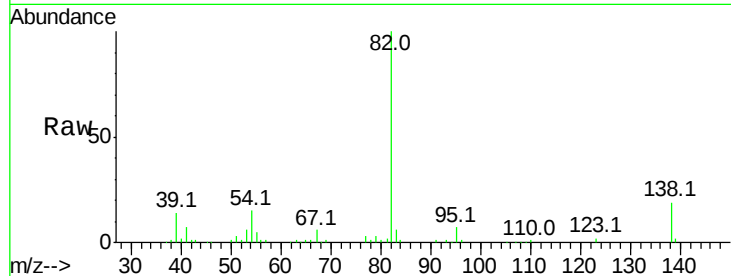
Tot Ion: 82 Resp: 360022

Ion Ratio Lower Upper

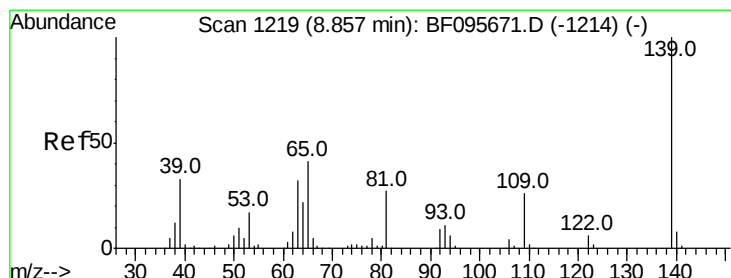
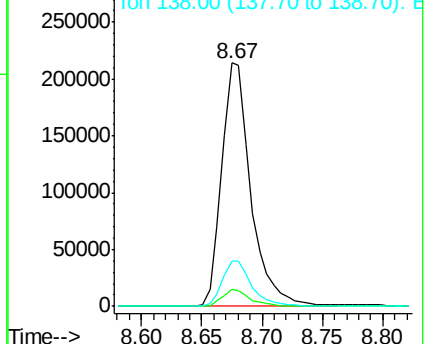
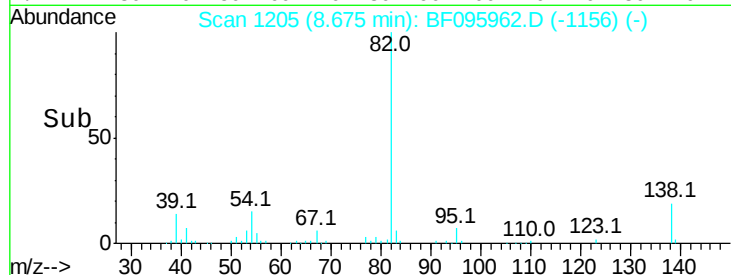
82 100

95 6.8 5.3 7.9

138 18.8 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 48.77 ng

RT: 8.79 min Scan# 1224

Delta R.T. 0.00 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

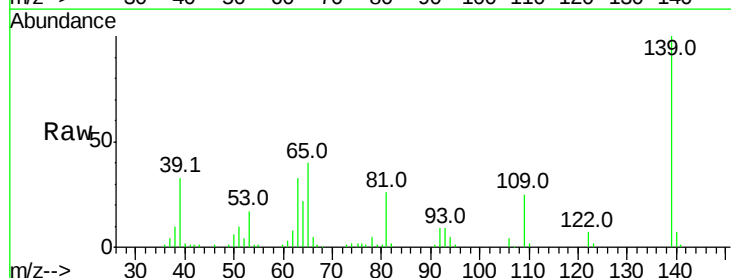
Tgt Ion:139 Resp: 115995

Ion Ratio Lower Upper

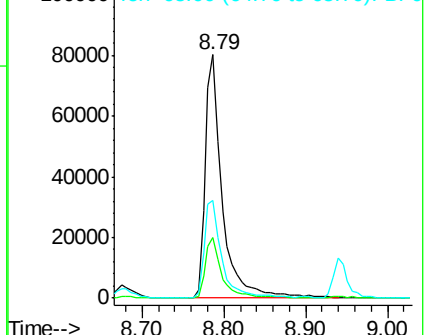
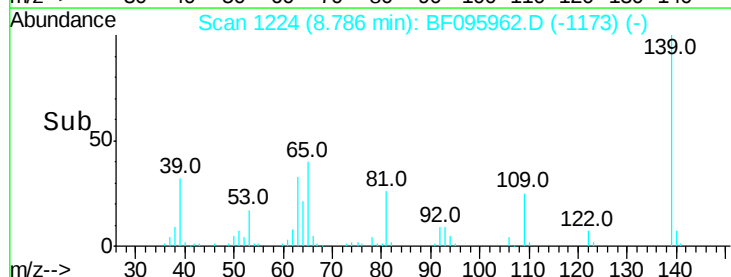
139 100

109 24.7 21.0 31.6

65 40.3 33.0 49.6



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





#27

2,4-Dimethylphenol

Concen: 49.14 ng

RT: 8.94 min Scan# 1250

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

ClientSampleId :

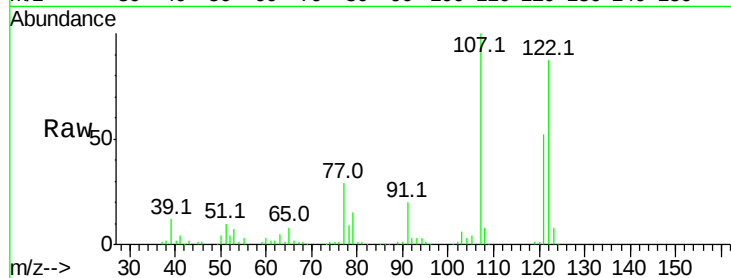
Tot Ion:122 Resp: 181409

Ion Ratio Lower Upper

122 100

107 114.5 89.2 133.8

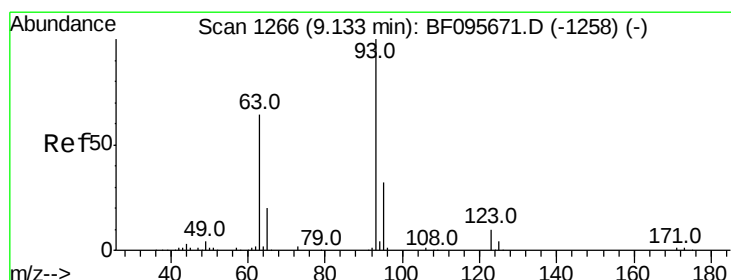
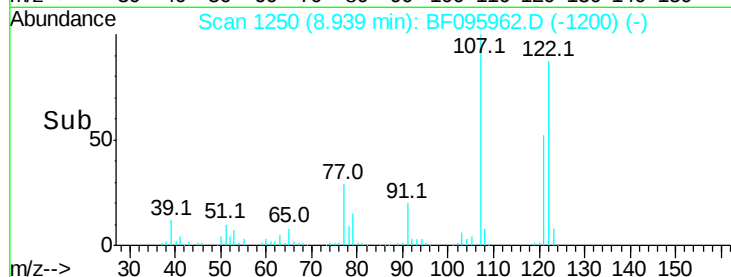
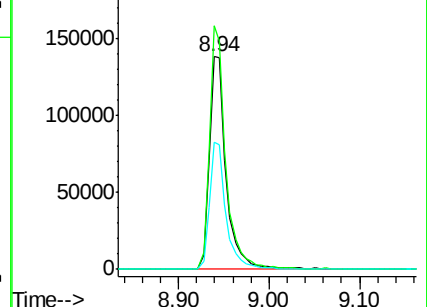
121 60.0 45.2 67.8



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: 45.05 ng

RT: 9.06 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

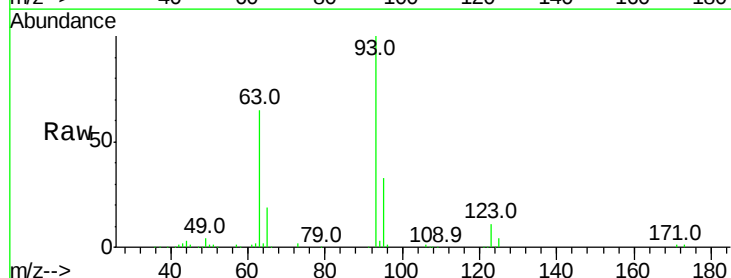
Tgt Ion: 93 Resp: 235804

Ion Ratio Lower Upper

93 100

95 32.9 26.5 39.7

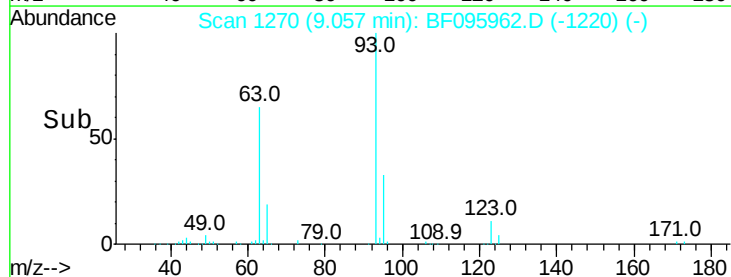
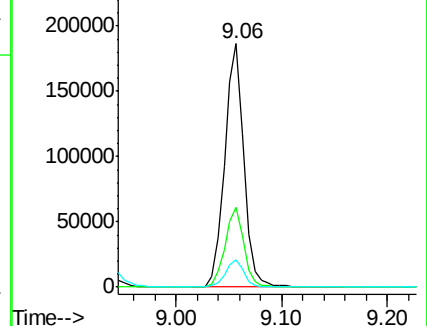
123 11.2 9.0 13.4

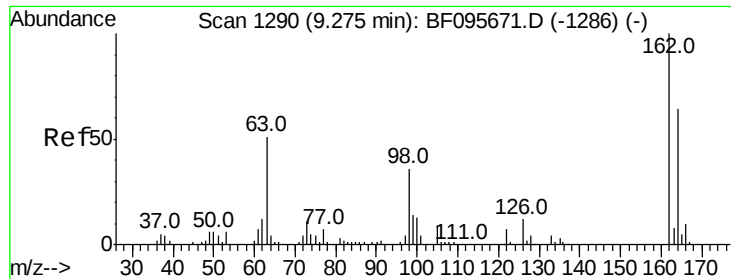


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 123.00 (122.70 to 123.70): E

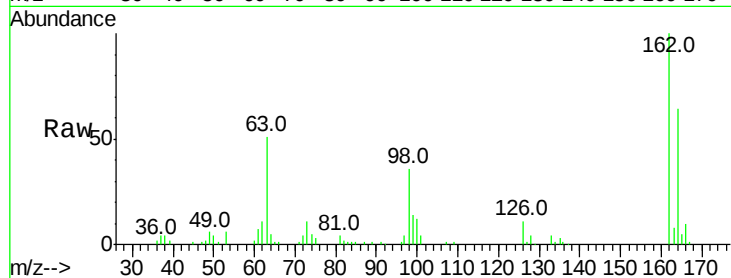




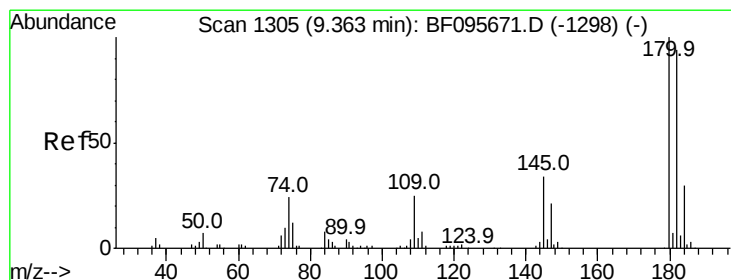
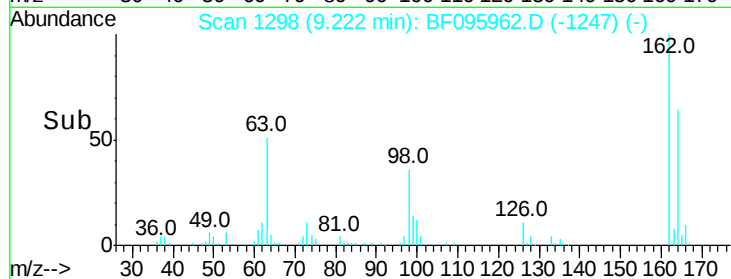
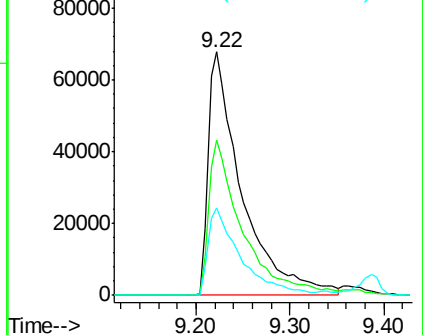
#29
 2,4-Dichlorophenol
 Concen: 47.47 ng
 RT: 9.22 min Scan# 1298
 Delta R.T. 0.00 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.6	84.6
98	35.9	14.8	54.8

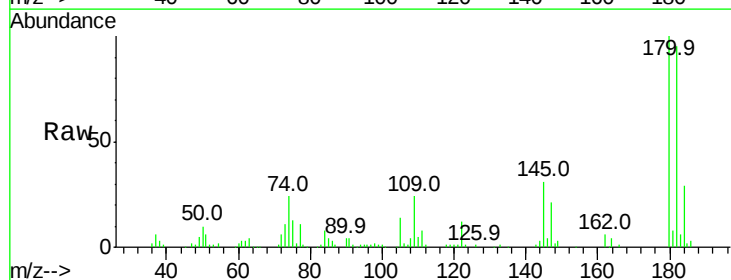


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF0

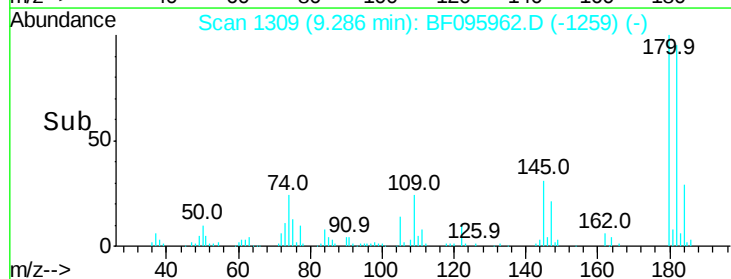
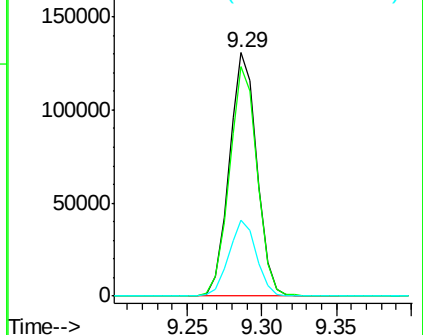


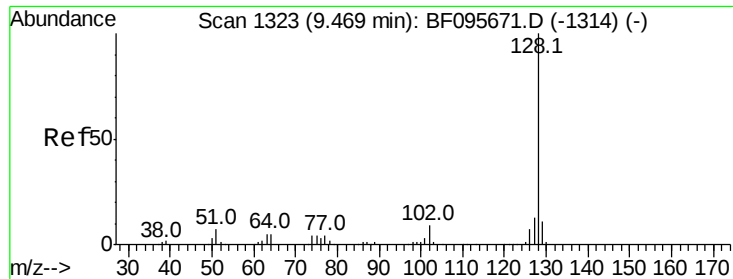
#30
 1,2,4-Trichlorobenzene
 Concen: 45.78 ng
 RT: 9.29 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.8	113.6
145	31.4	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

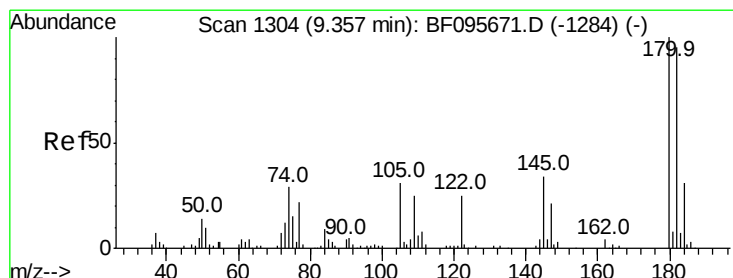
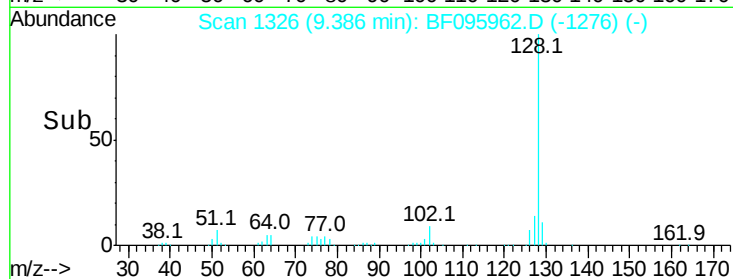
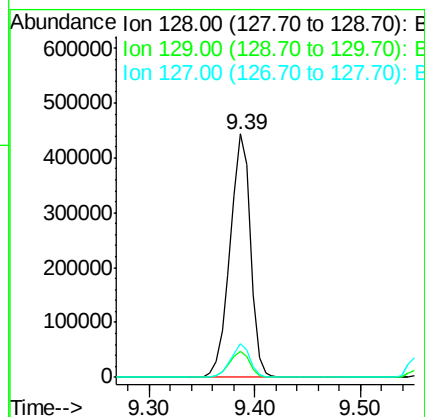
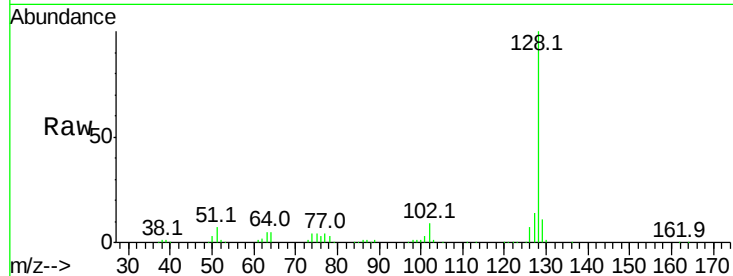




#31
Naphthalene
Concen: 44.66 ng
RT: 9.39 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

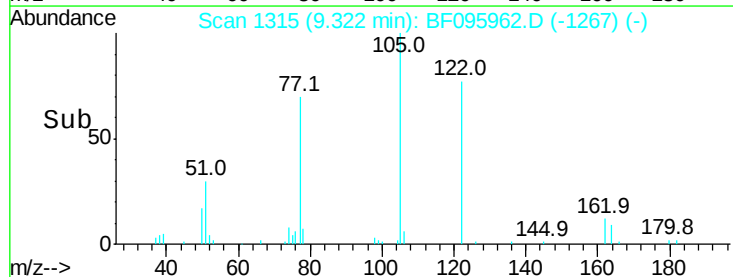
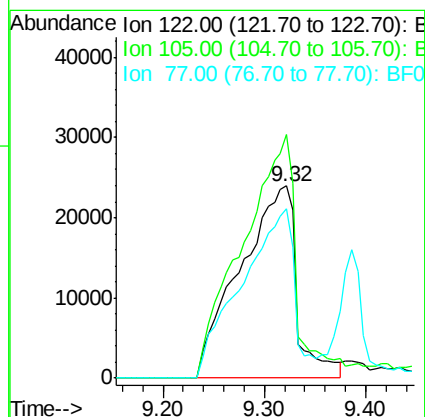
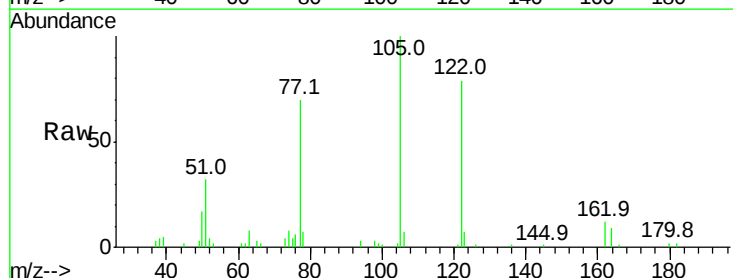
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 591844
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 41.11 ng
RT: 9.32 min Scan# 1315
Delta R.T. -0.02 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion:122 Resp: 92933
Ion Ratio Lower Upper
122 100
105 126.8 103.3 143.3
77 88.3 73.7 113.7

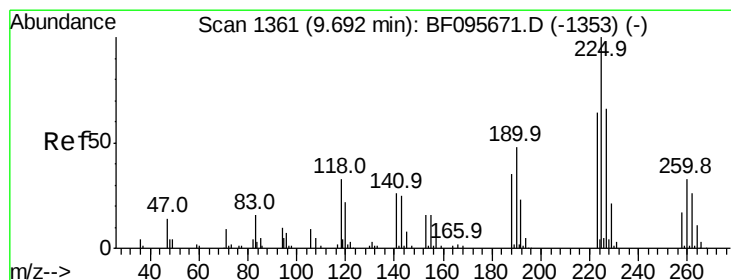
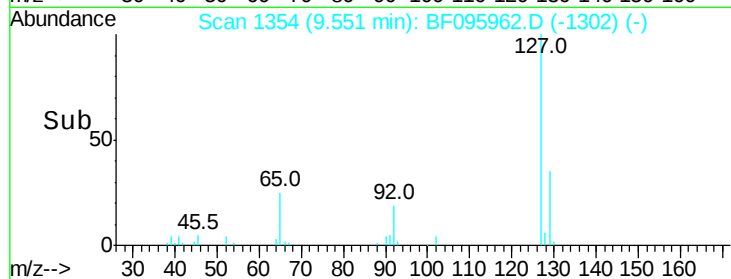
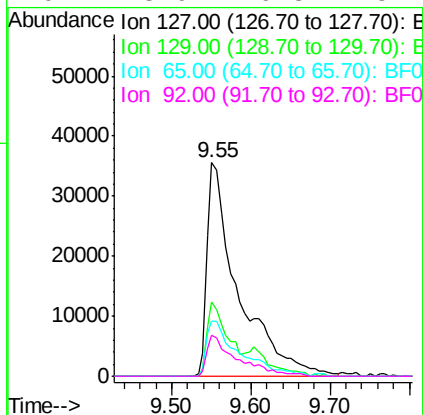
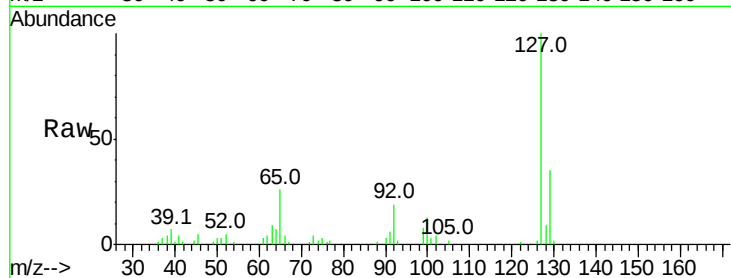




#33
4-Chloroaniline
Concen: 18.78 ng
RT: 9.55 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

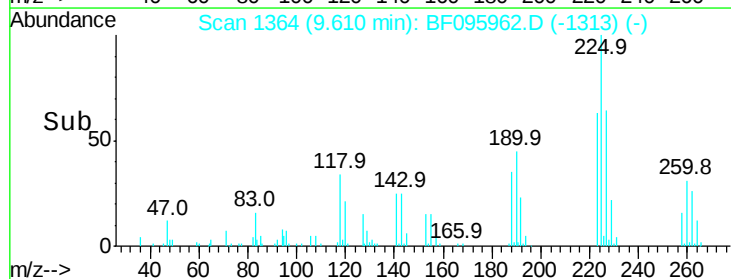
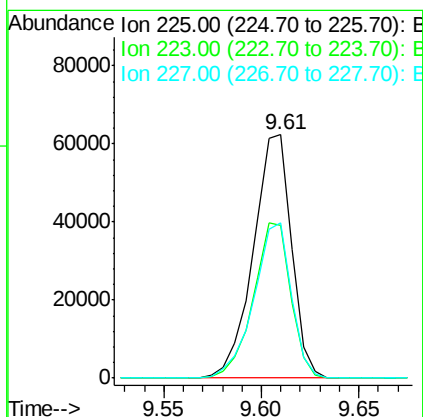
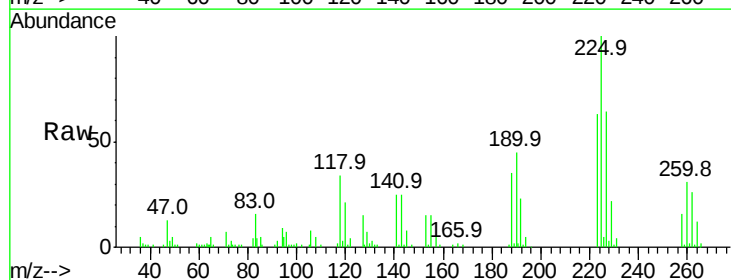
Instrument :
BNA_F
ClientSampleId :

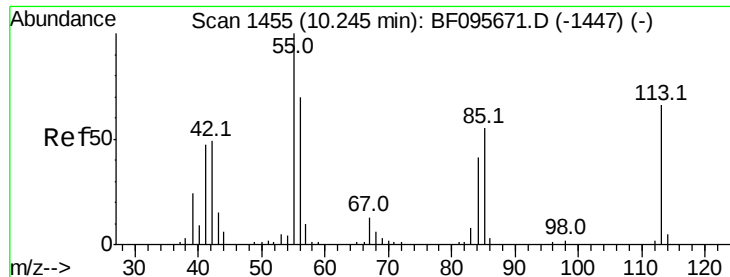
Tot Ion:	127	Resp:	97296
Ion	Ratio	Lower	Upper
127	100		
129	35.0	26.2	39.2
65	25.8	27.8	41.8#
92	18.9	16.8	25.2



#34
Hexachlorobutadiene
Concen: 44.22 ng
RT: 9.61 min Scan# 1364
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion:	225	Resp:	84517
Ion	Ratio	Lower	Upper
225	100		
223	62.9	48.8	73.2
227	64.0	51.1	76.7

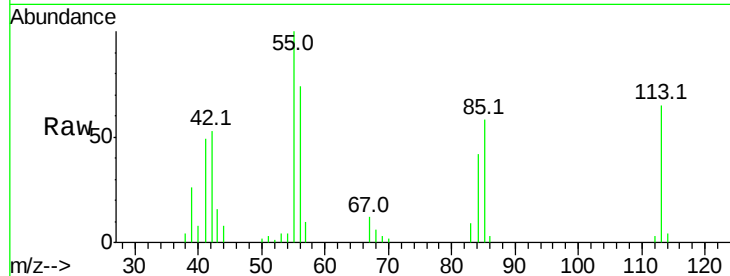




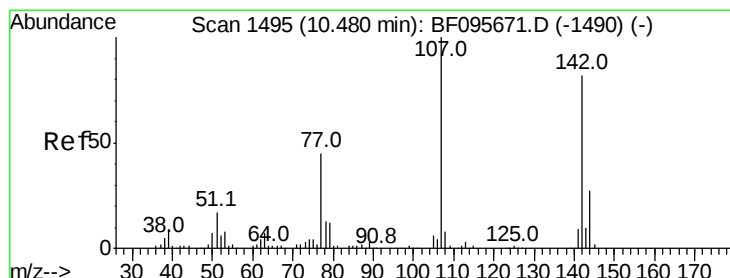
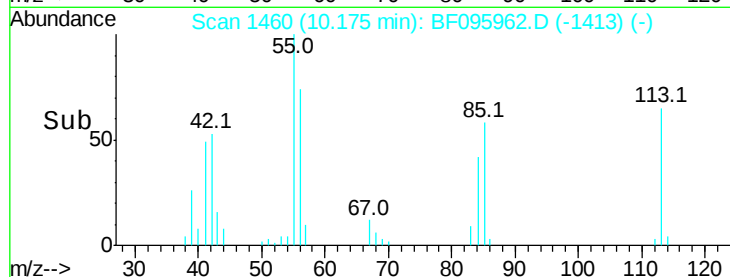
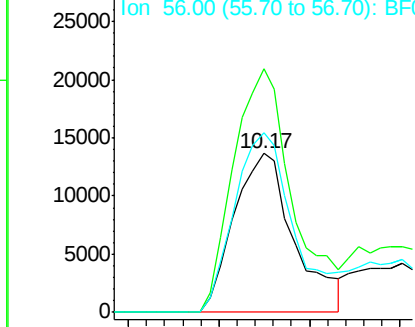
#35
Caprolactam
Concen: 29.81 ng
RT: 10.17 min Scan# 1460
Delta R.T. -0.02 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 31536
Ion Ratio Lower Upper
113 100
55 153.3 150.2 190.2
56 112.8 107.8 147.8

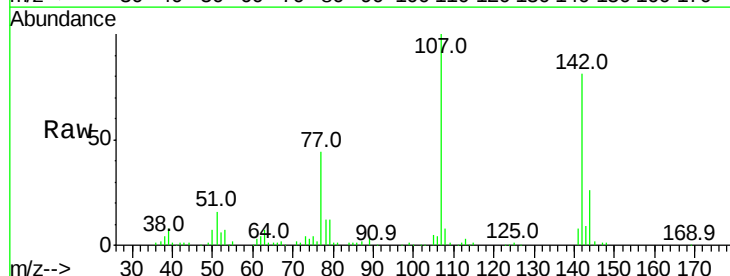


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0

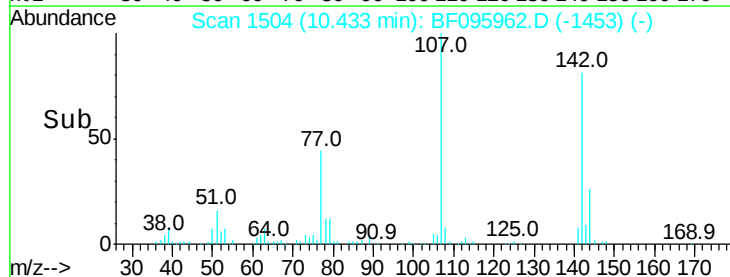
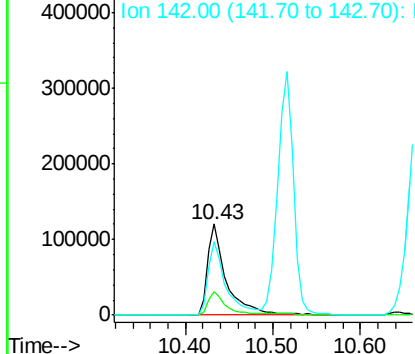


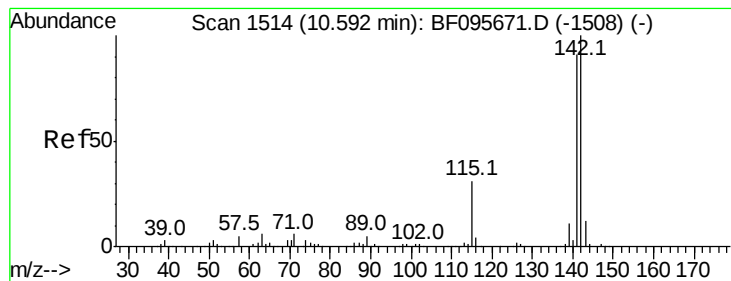
#36
4-Chloro-3-methylphenol
Concen: 48.17 ng
RT: 10.43 min Scan# 1504
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion:107 Resp: 179254
Ion Ratio Lower Upper
107 100
144 26.0 24.2 36.4
142 80.8 73.4 110.0



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.67 ng

RT: 10.52 min Scan# 1518

Delta R.T. 0.00 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

ClientSampleId :

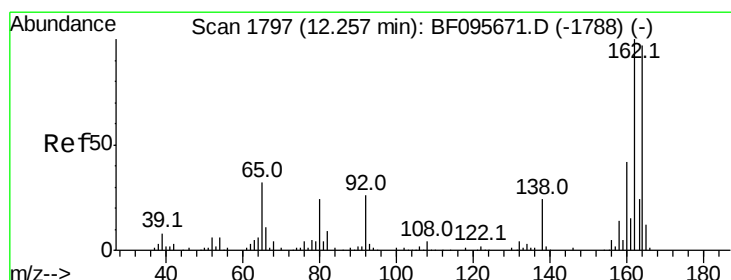
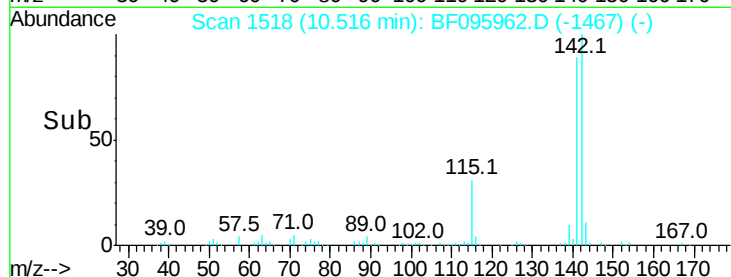
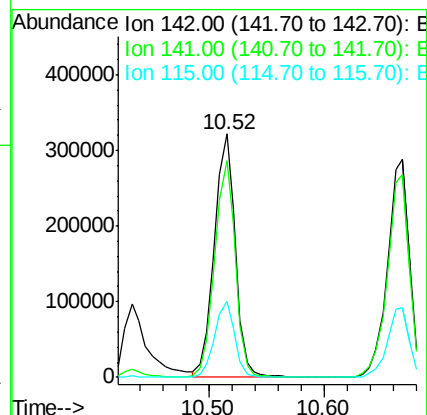
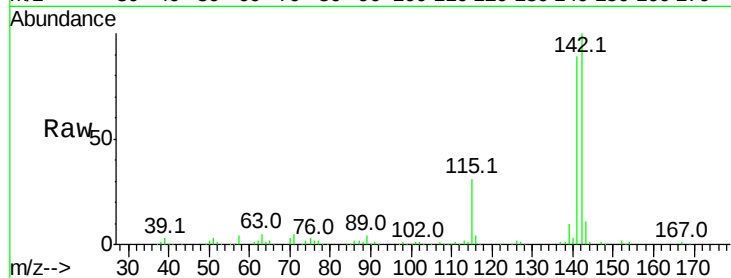
Tot Ion:142 Resp: 408927

Ion Ratio Lower Upper

142 100

141 88.9 71.3 106.9

115 31.3 27.1 40.7



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.17 min Scan# 1800

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

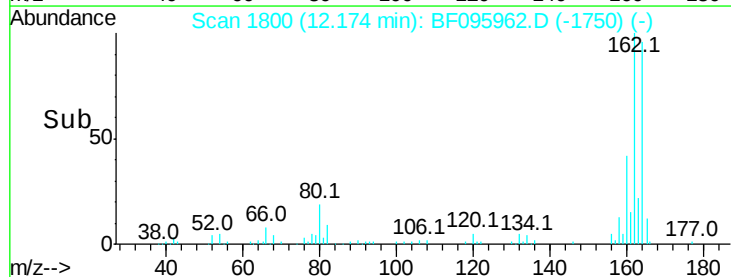
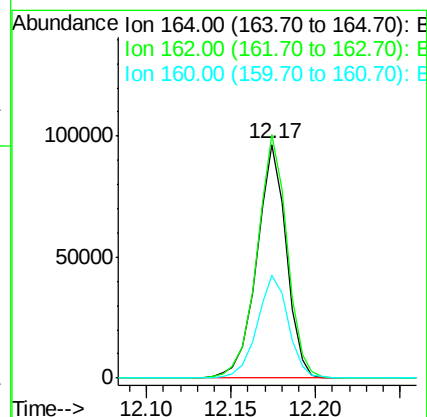
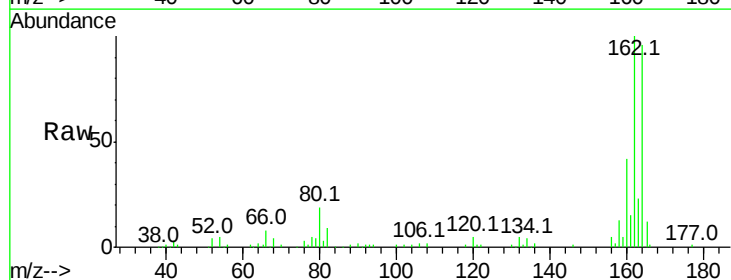
Tgt Ion:164 Resp: 117724

Ion Ratio Lower Upper

164 100

162 104.2 82.6 123.8

160 43.8 36.2 54.2

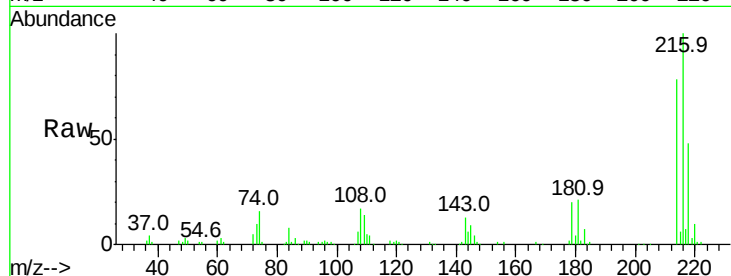




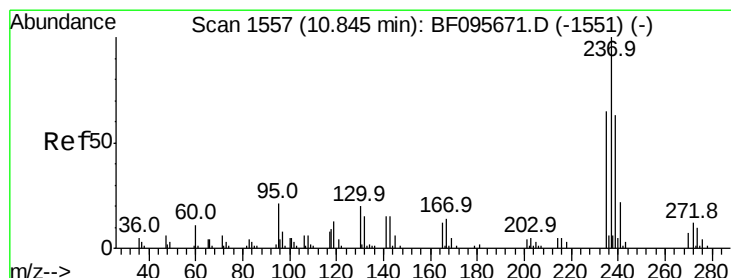
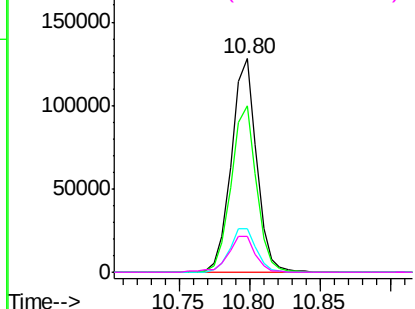
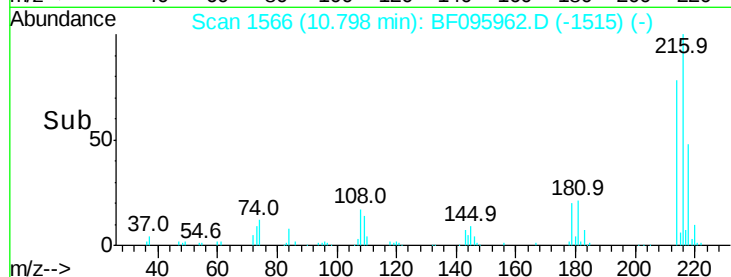
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 45.12 ng
 RT: 10.80 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	216	Resp:	158956
Ion	Ratio	Lower	Upper
216	100		
214	78.5	63.4	95.2
179	21.3	17.9	26.9
108	18.5	16.5	24.7

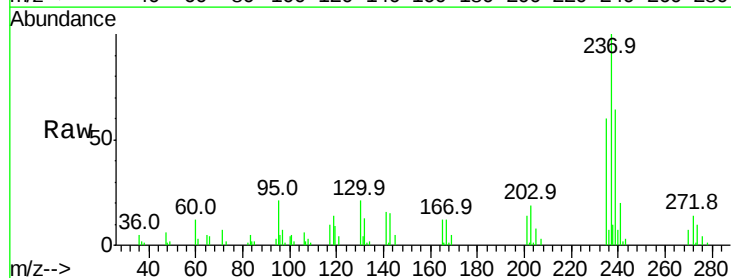


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

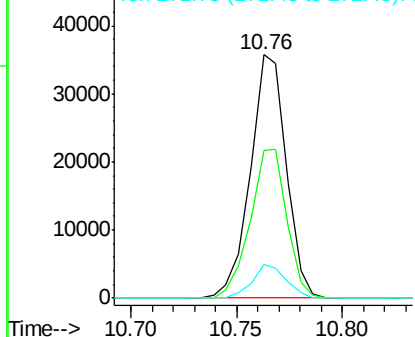
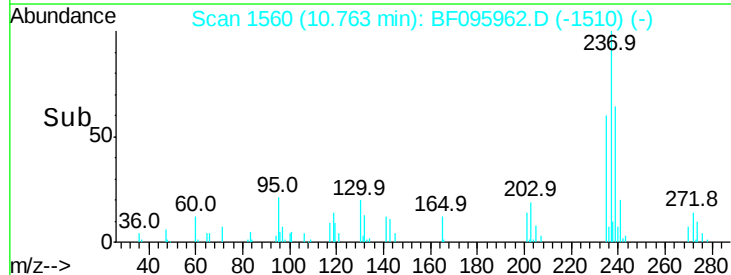


#40
 Hexachlorocyclopentadiene
 Concen: 44.12 ng
 RT: 10.76 min Scan# 1560
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion:	237	Resp:	42248
Ion	Ratio	Lower	Upper
237	100		
235	60.4	42.6	82.6
272	13.6	0.0	31.9



Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

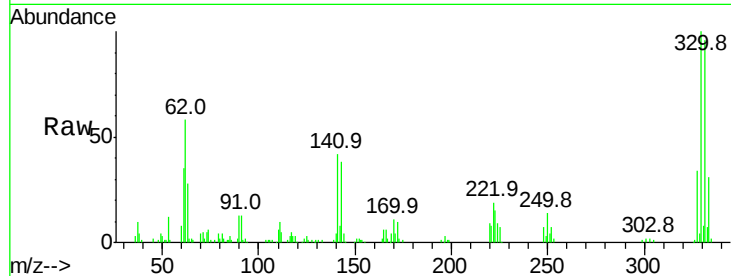




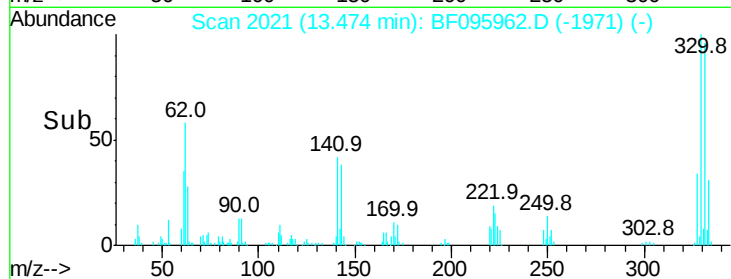
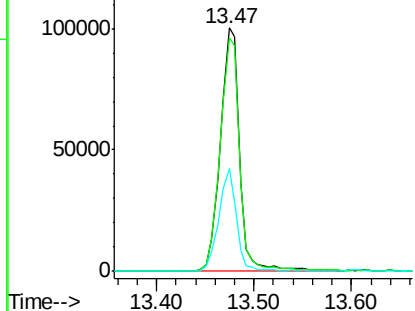
#41
 2,4,6-Tribromophenol
 Concen: 131.70 ng
 RT: 13.47 min Scan# 2021
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.0	76.6	115.0
141	39.0	31.4	47.2

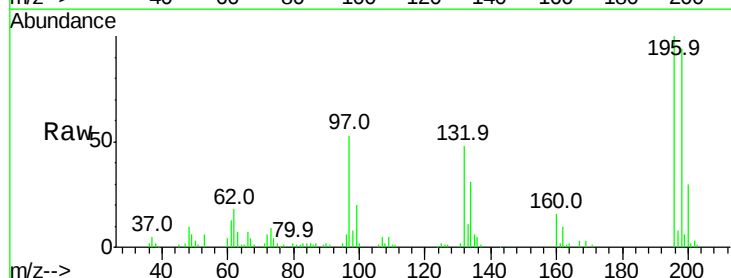


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

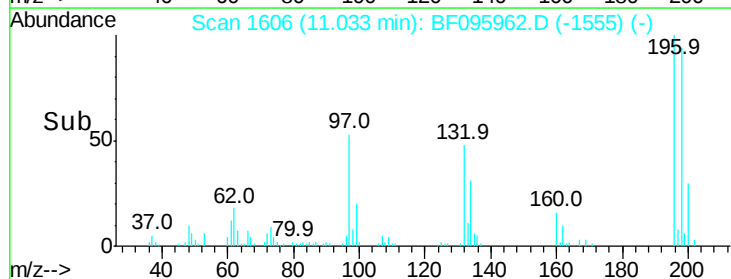
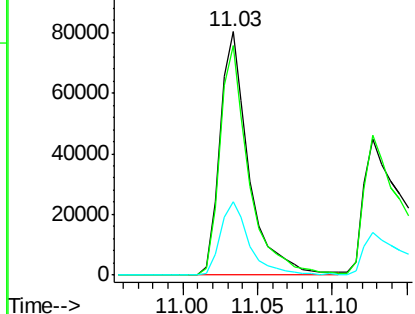


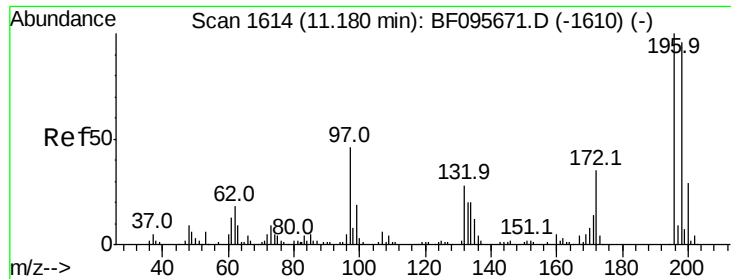
#42
 2,4,6-Trichlorophenol
 Concen: 48.11 ng
 RT: 11.03 min Scan# 1606
 Delta R.T. 0.00 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.3	74.2	111.4
200	30.1	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

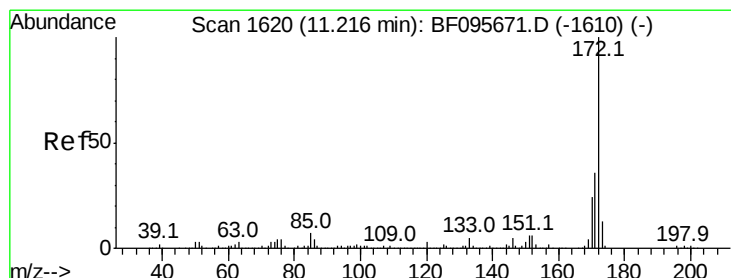
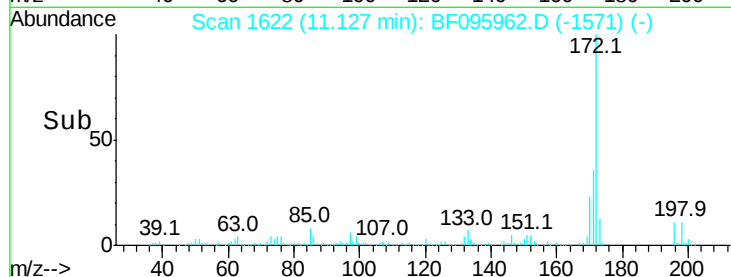
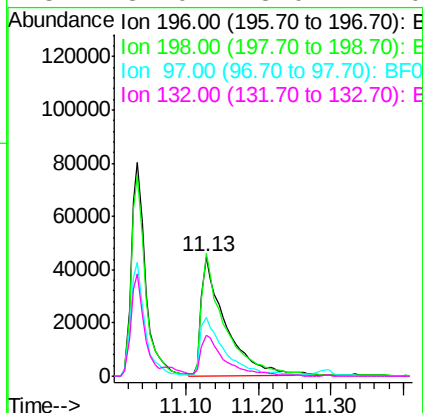
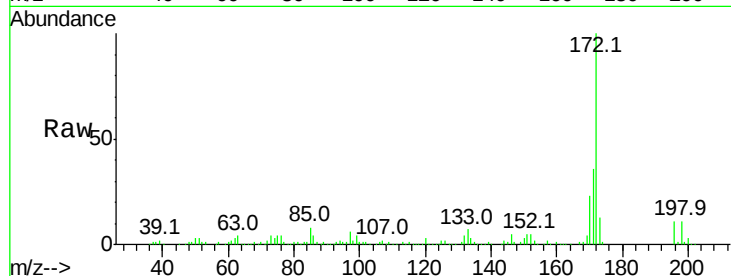




#43
 2,4,5-Trichlorophenol
 Concen: 43.40 ng
 RT: 11.13 min Scan# 1622
 Delta R.T. 0.00 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

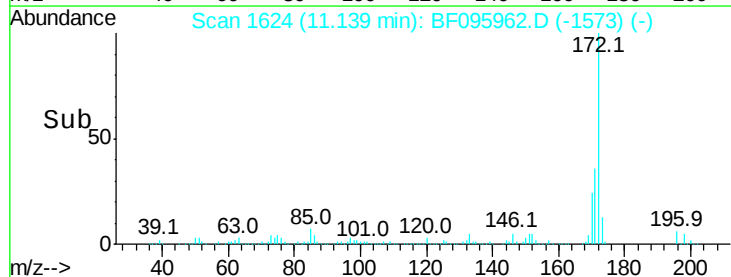
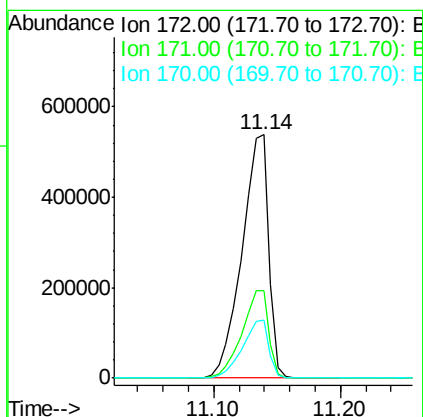
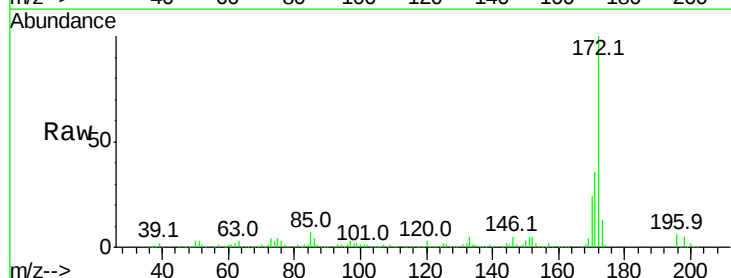
Instrument :
 BNA_F
 ClientSampleId :

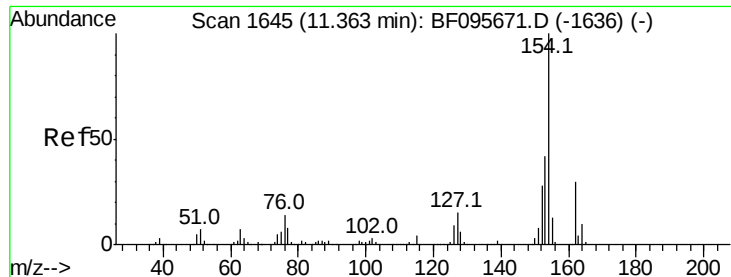
Tot Ion	196	Resp	104583
Ion Ratio	Lower	Upper	
196	100		
198	102.7	75.7	113.5
97	49.8	47.7	71.5
132	34.0	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 93.37 ng
 RT: 11.14 min Scan# 1624
 Delta R.T. 0.00 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion	172	Resp	789878
Ion Ratio	Lower	Upper	
172	100		
171	36.0	29.6	44.4
170	23.6	19.8	29.8

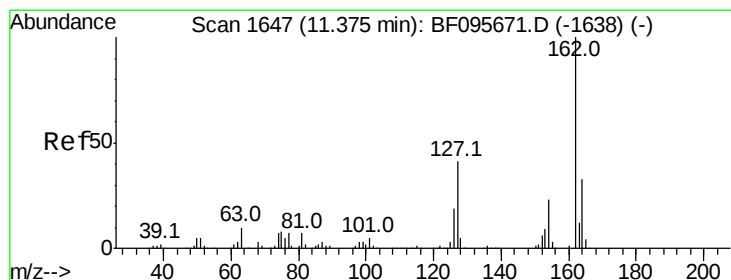
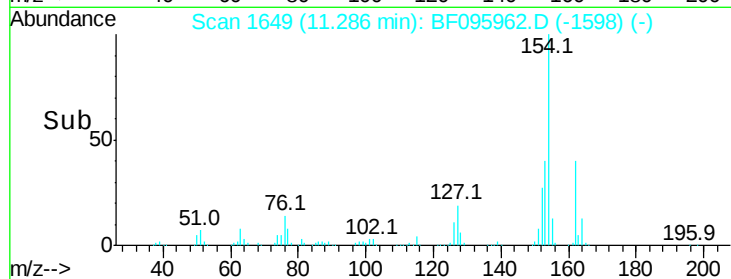
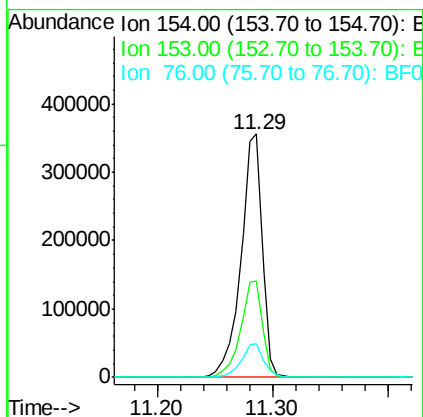
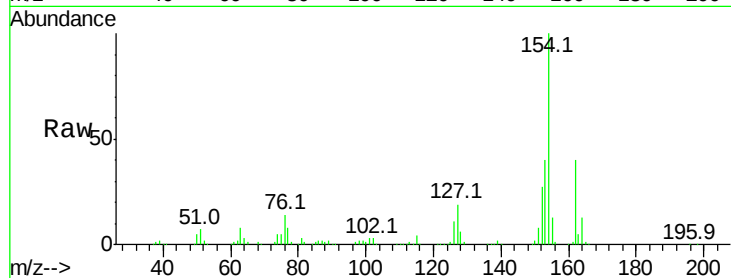




#45
 1,1'-Biphenyl
 Concen: 46.61 ng
 RT: 11.29 min Scan# 1649
 Delta R.T. 0.00 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

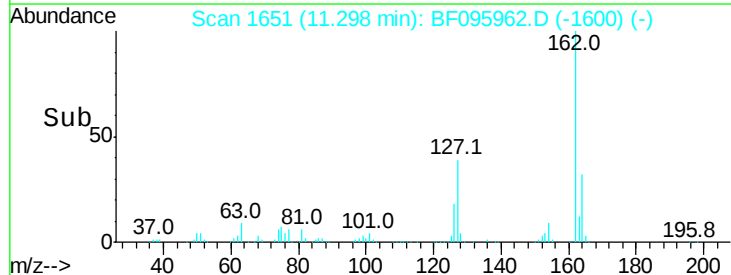
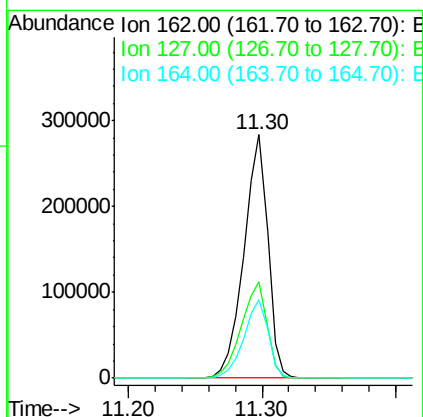
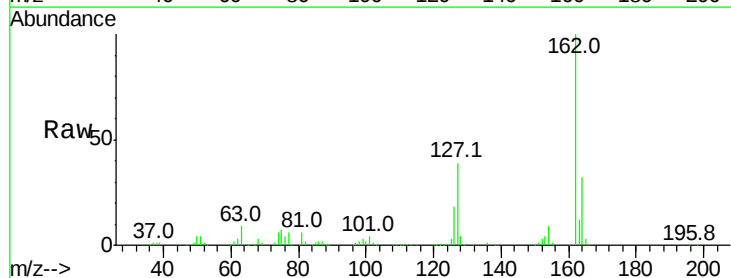
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:154 Resp: 452204
 Ion Ratio Lower Upper
 154 100
 153 39.6 21.2 61.2
 76 13.6 0.0 29.9



#46
 2-Chloronaphthalene
 Concen: 46.20 ng
 RT: 11.30 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion:162 Resp: 350281
 Ion Ratio Lower Upper
 162 100
 127 39.5 28.3 42.5
 164 32.1 27.0 40.4

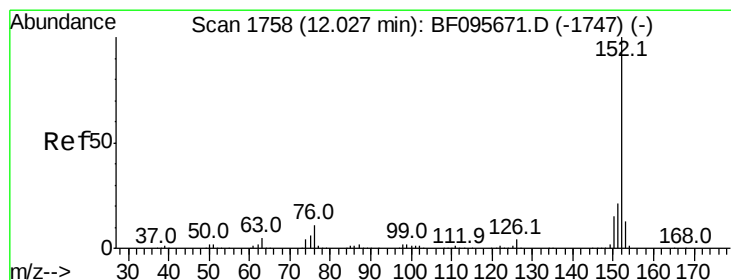
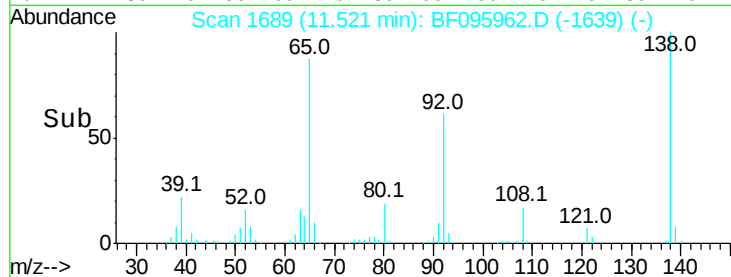
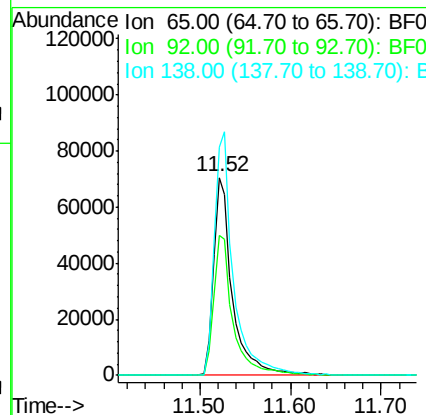
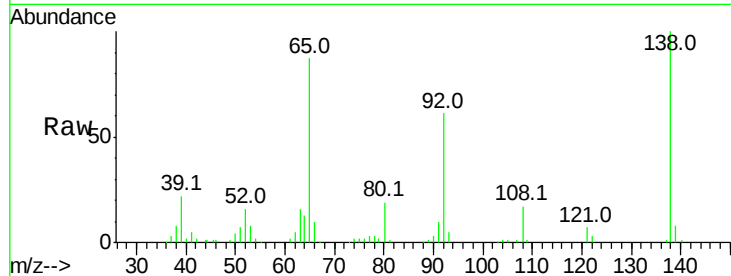




#47
2-Nitroaniline
Concen: 46.46 ng
RT: 11.52 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

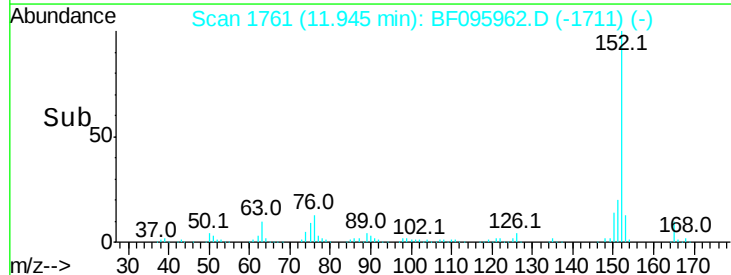
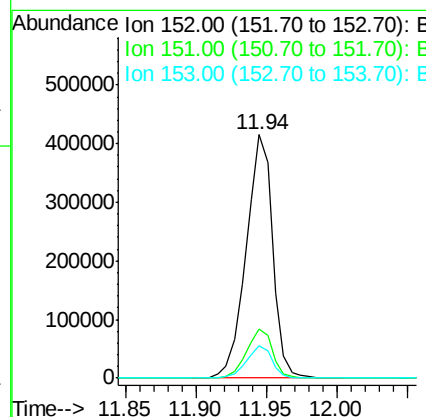
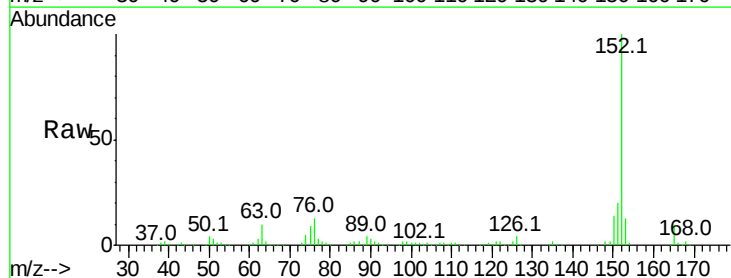
Instrument :
BNA_F
ClientSampled :

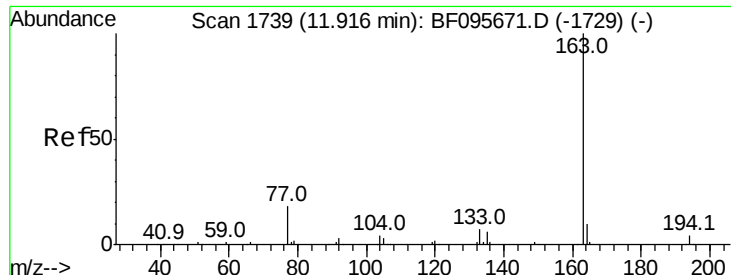
Tot Ion: 65 Resp: 103075
Ion Ratio Lower Upper
65 100
92 70.7 53.9 80.9
138 115.5 78.8 118.2



#48
Acenaphthylene
Concen: 42.03 ng
RT: 11.94 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion: 152 Resp: 544896
Ion Ratio Lower Upper
152 100
151 20.3 16.8 25.2
153 13.2 10.8 16.2





#49

Dimethylphthalate

Concen: 46.42 ng

RT: 11.84 min Scan# 1744

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

ClientSampled :

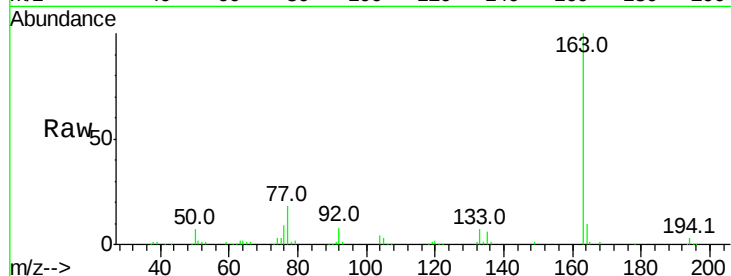
Tot Ion:163 Resp: 414930

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

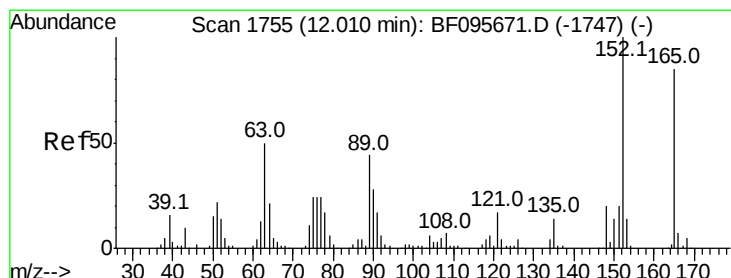
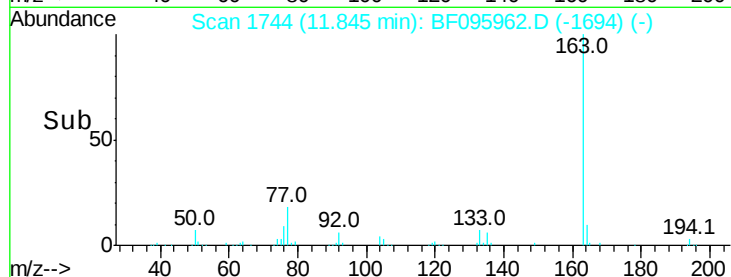
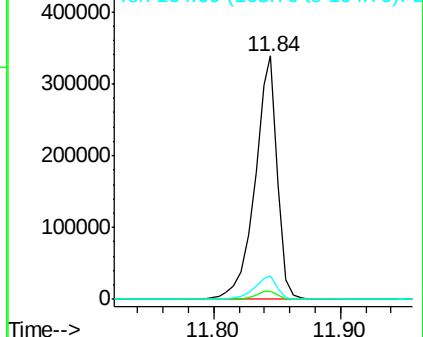
164 9.6 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 44.58 ng

RT: 11.94 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

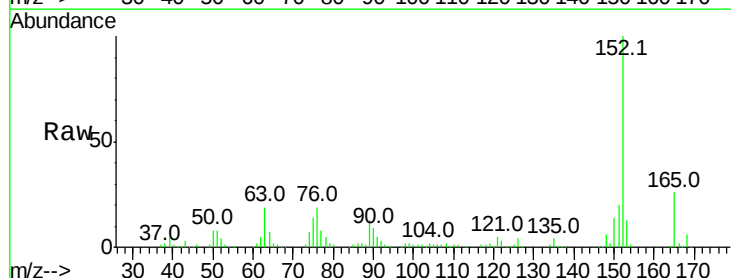
Tgt Ion:165 Resp: 86922

Ion Ratio Lower Upper

165 100

63 75.8 34.3 51.5#

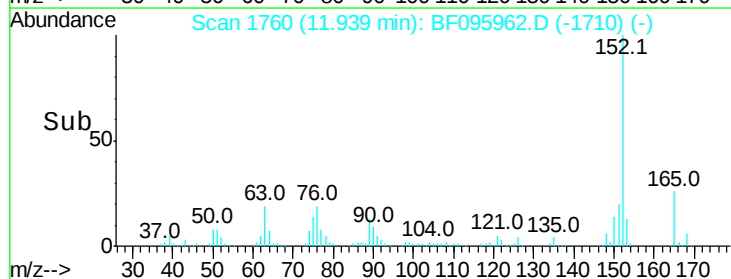
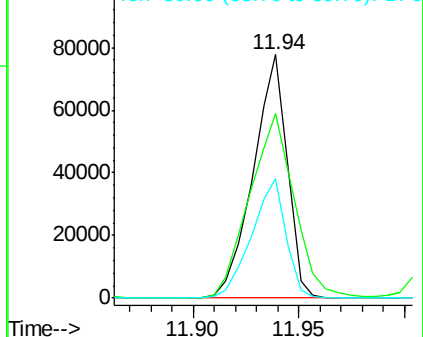
89 48.9 37.1 55.7

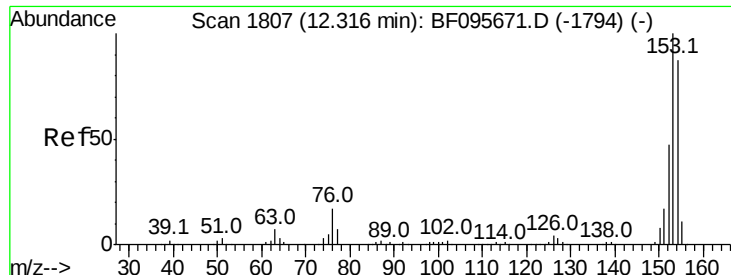


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 43.48 ng

RT: 12.23 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

ClientSampleId :

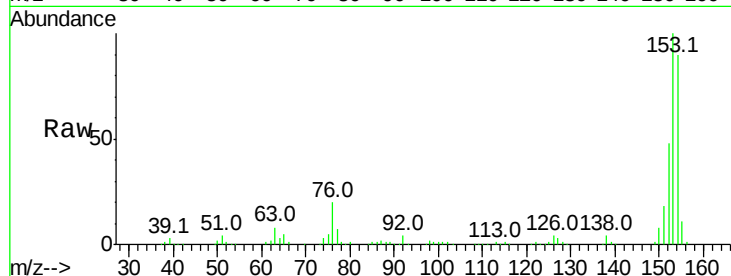
Tot Ion:154 Resp: 325559

Ion Ratio Lower Upper

154 100

153 111.2 90.5 135.7

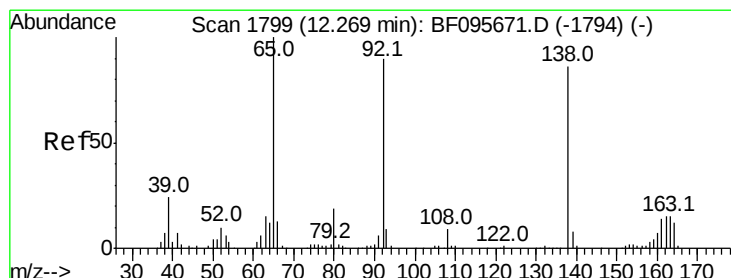
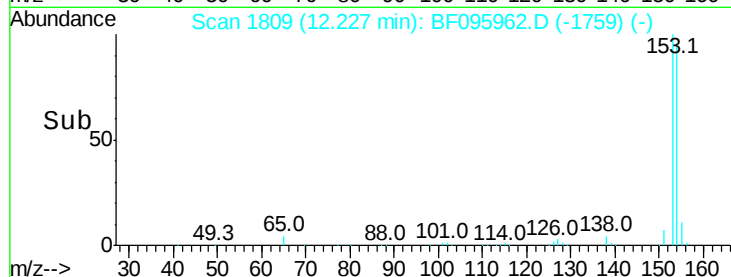
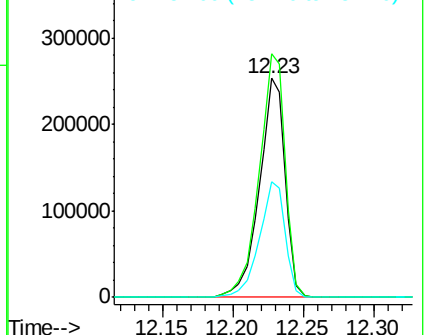
152 52.8 43.6 65.4



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: 26.31 ng

RT: 12.20 min Scan# 1805

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

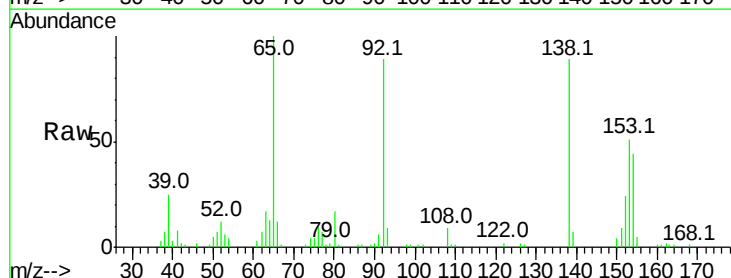
Tgt Ion:138 Resp: 59773

Ion Ratio Lower Upper

138 100

108 10.2 9.1 13.7

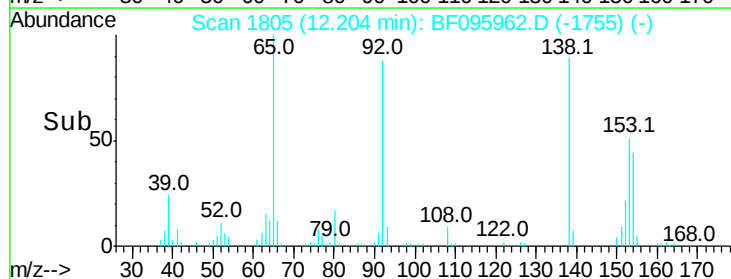
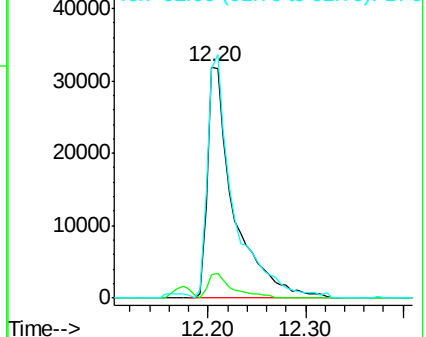
92 99.1 93.8 140.6



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

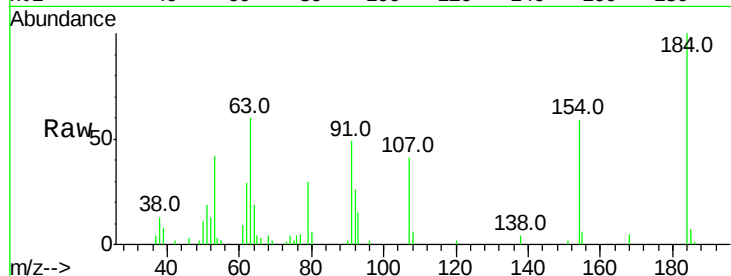




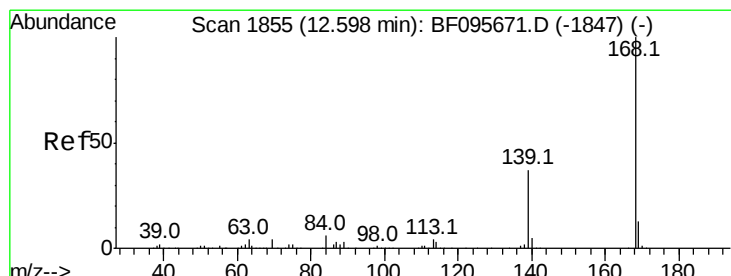
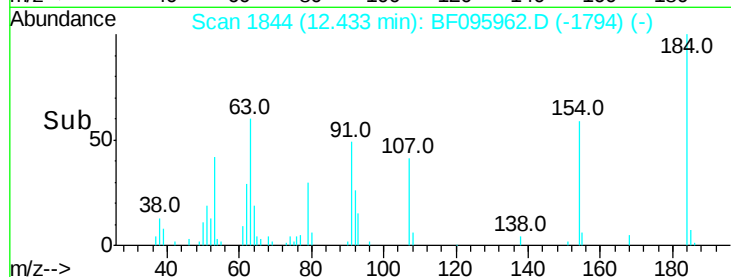
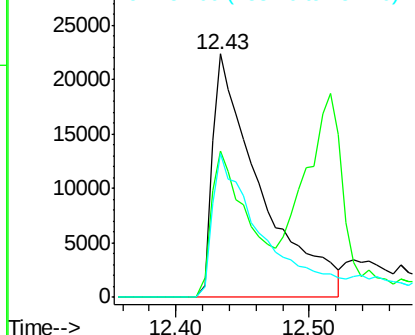
#53
 2,4-Dinitrophenol
 Concen: 53.09 ng
 RT: 12.43 min Scan# 1844
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:184 Resp: 55992
 Ion Ratio Lower Upper
 184 100
 63 60.3 62.7 94.1#
 154 59.2 81.1 121.7#

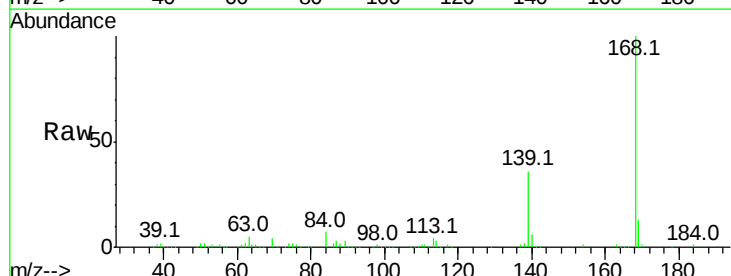


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 154.00 (153.70 to 154.70): E

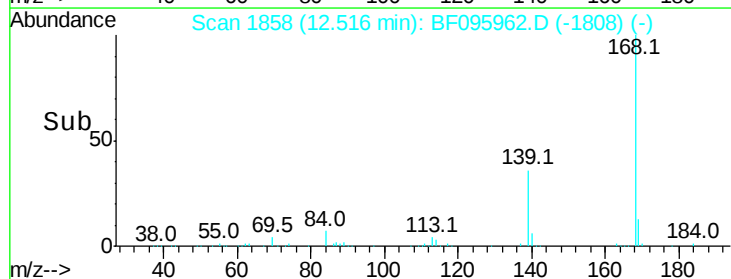
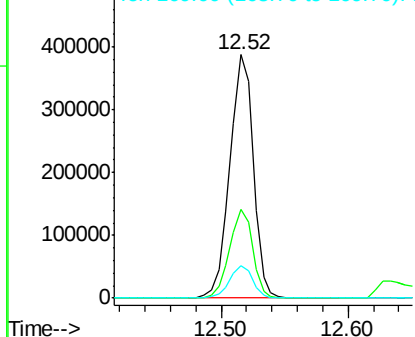


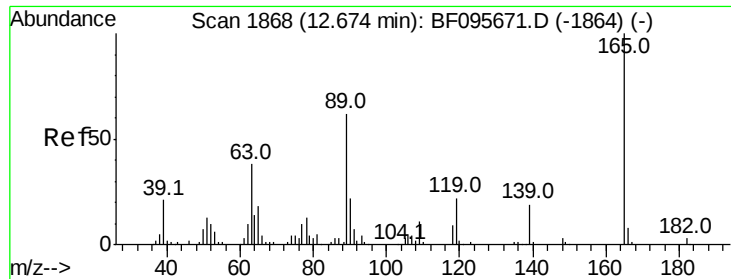
#54
 Dibenzofuran
 Concen: 47.00 ng
 RT: 12.52 min Scan# 1858
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion:168 Resp: 495235
 Ion Ratio Lower Upper
 168 100
 139 36.3 30.6 45.8
 169 13.1 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

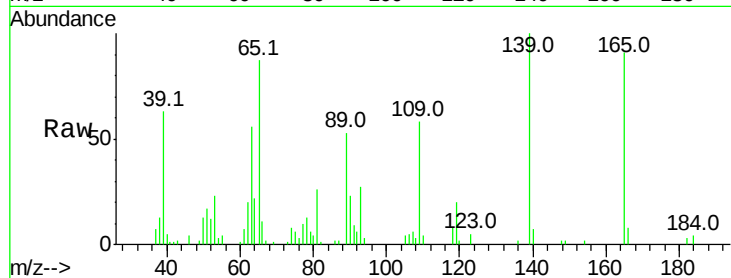




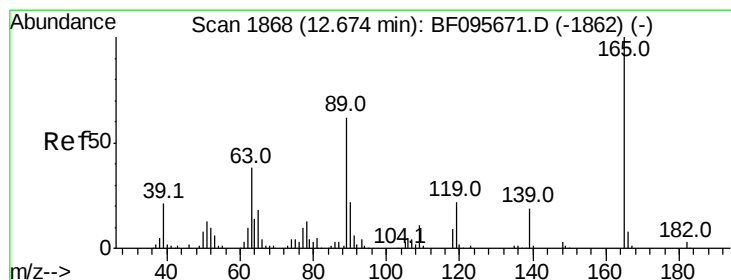
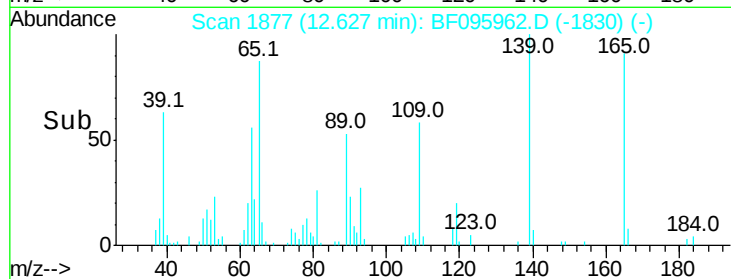
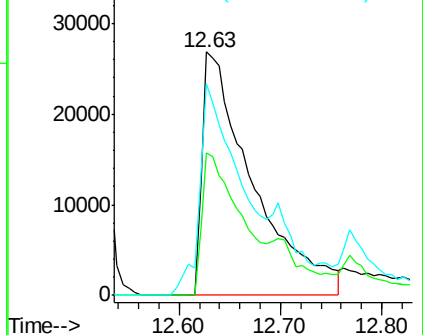
#55
4-Nitrophenol
Concen: 70.77 ng
RT: 12.63 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampled :

Tot Ion:139 Resp: 93109
Ion Ratio Lower Upper
139 100
109 58.4 34.1 74.1
65 87.1 31.4 71.4#

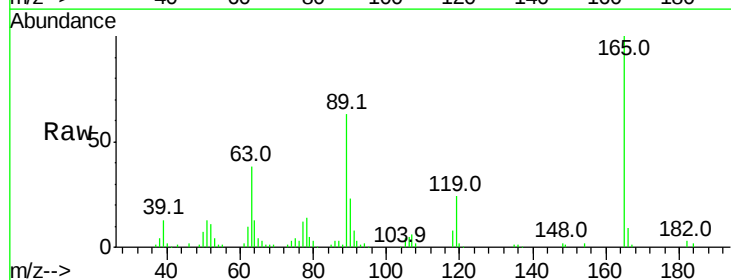


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0

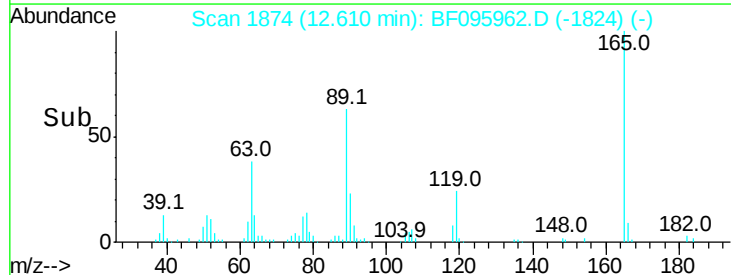
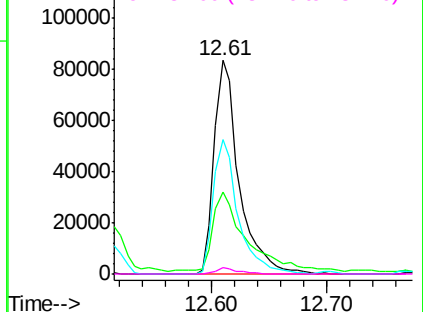


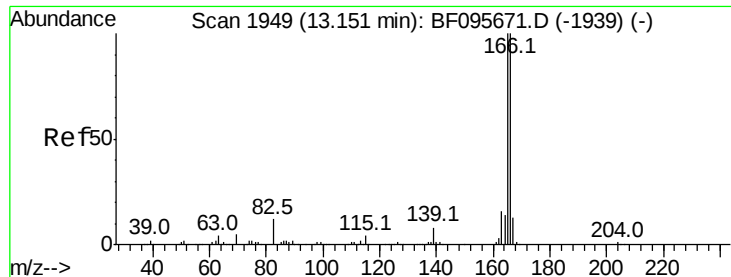
#56
2,4-Dinitrotoluene
Concen: 47.57 ng
RT: 12.61 min Scan# 1874
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion:165 Resp: 125276
Ion Ratio Lower Upper
165 100
63 38.4 25.4 38.0#
89 62.9 46.4 69.6
182 2.9 1.8 2.6#



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





#57

Fluorene

Concen: 43.07 ng

RT: 13.07 min Scan# 1952

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

ClientSampleId :

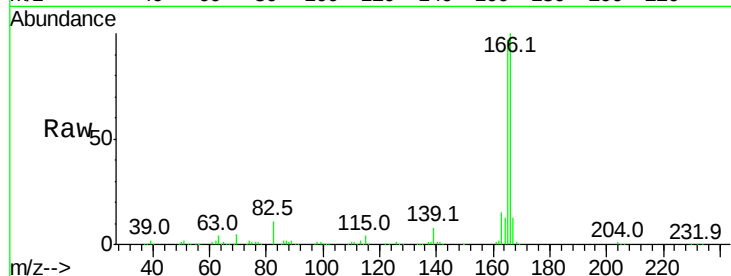
Tot Ion:166 Resp: 394995

Ion Ratio Lower Upper

166 100

165 96.6 78.8 118.2

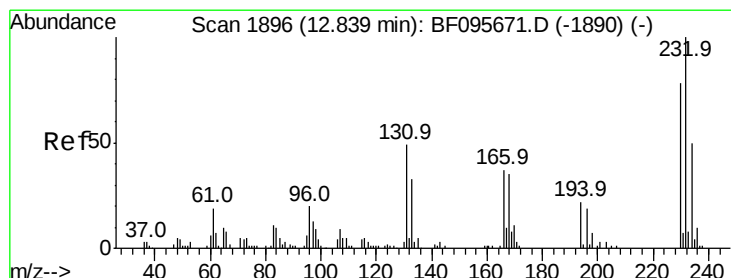
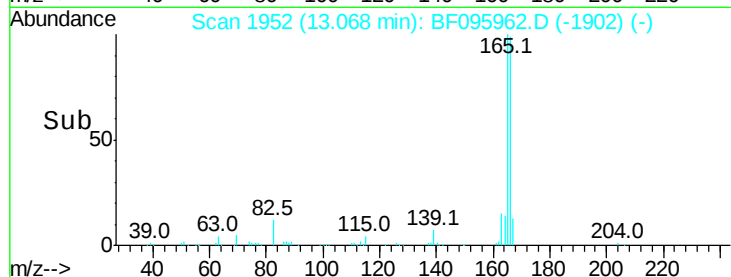
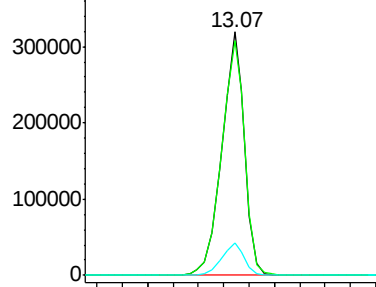
167 13.4 10.6 16.0



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: 49.76 ng

RT: 12.77 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Tgt Ion:232 Resp: 82043

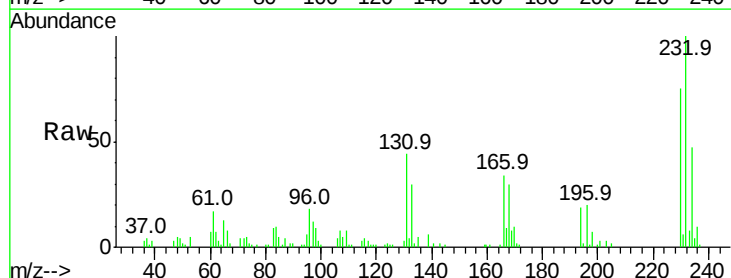
Ion Ratio Lower Upper

232 100

131 47.6 44.8 67.2

130 1.8 2.3 3.5#

166 30.2 29.0 43.4

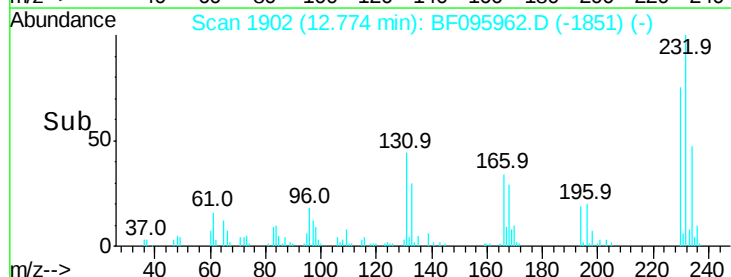
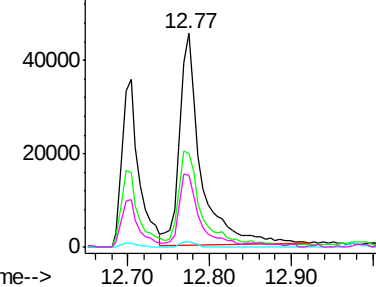


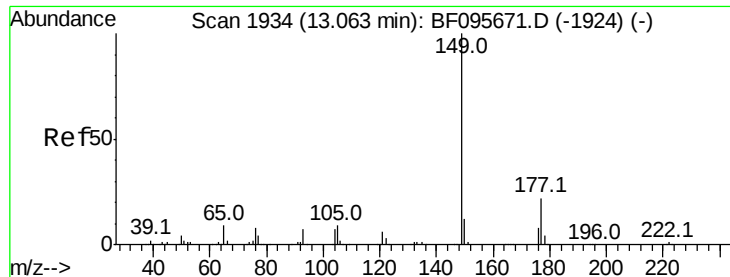
Abundance Ion 232.00 (231.70 to 232.70): E

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: 46.01 ng

RT: 12.99 min Scan# 1938

Delta R.T. 0.00 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

ClientSampleId :

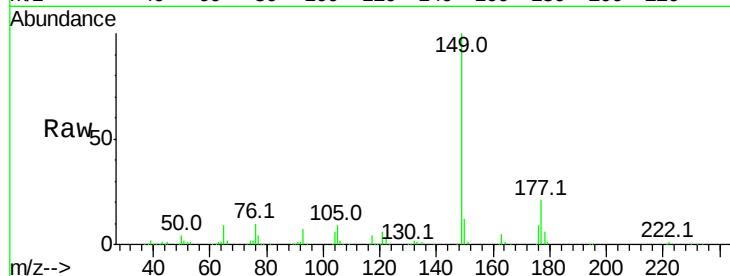
Tot Ion:149 Resp: 395757

Ion Ratio Lower Upper

149 100

177 20.8 16.7 25.1

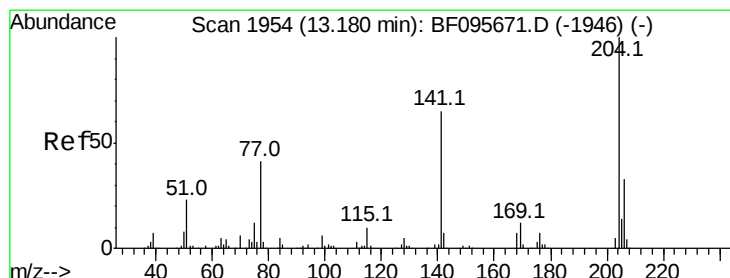
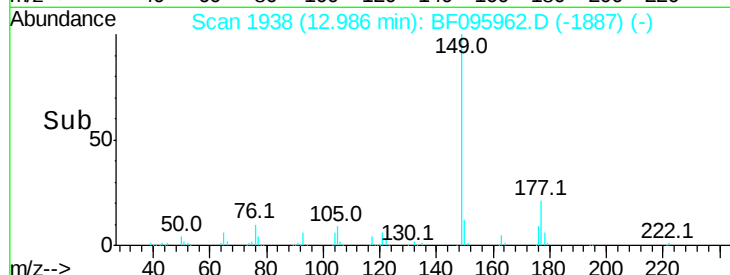
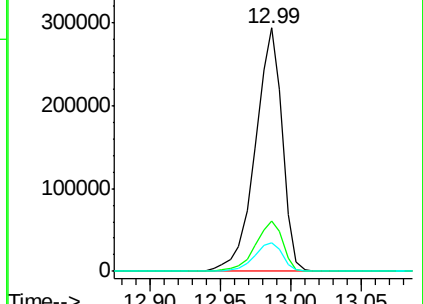
150 11.8 10.2 15.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 44.32 ng

RT: 13.10 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

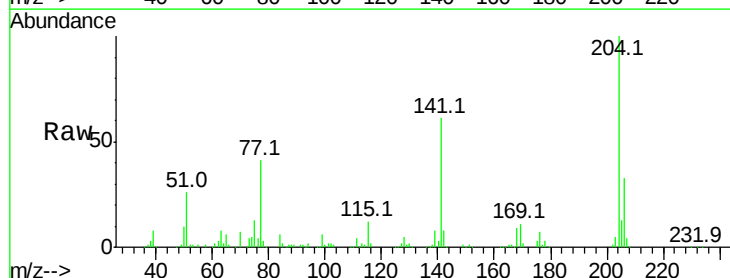
Tgt Ion:204 Resp: 176738

Ion Ratio Lower Upper

204 100

206 32.6 26.2 39.2

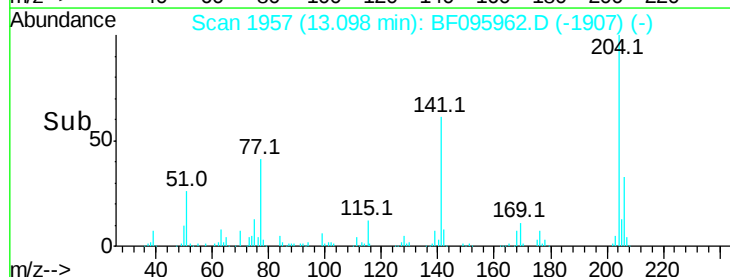
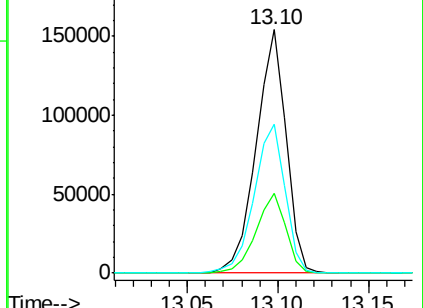
141 61.3 60.8 91.2

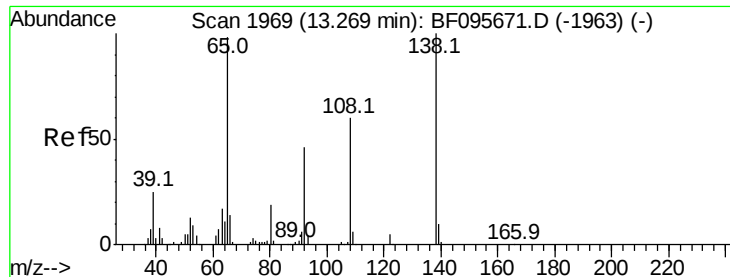


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

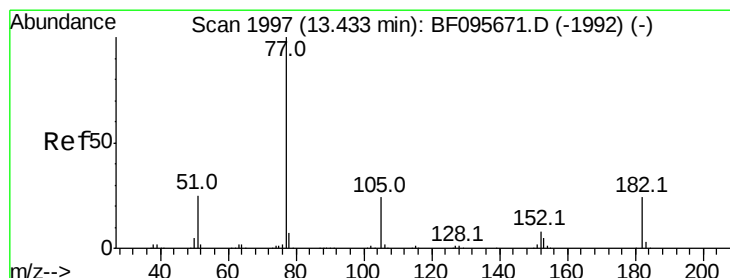
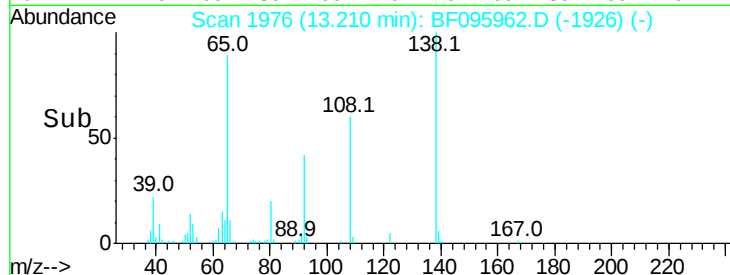
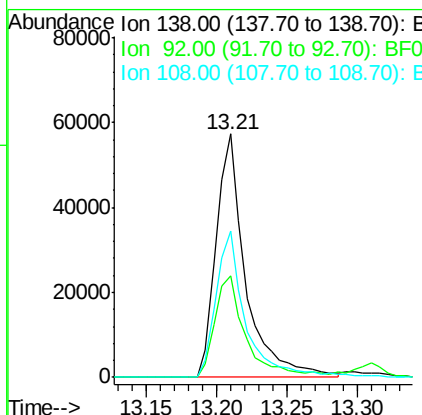
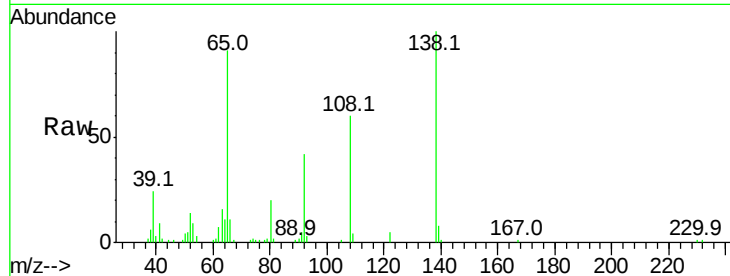




#61
4-Nitroaniline
Concen: 39.37 ng
RT: 13.21 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

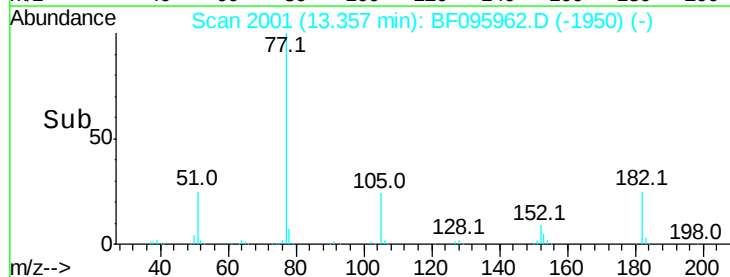
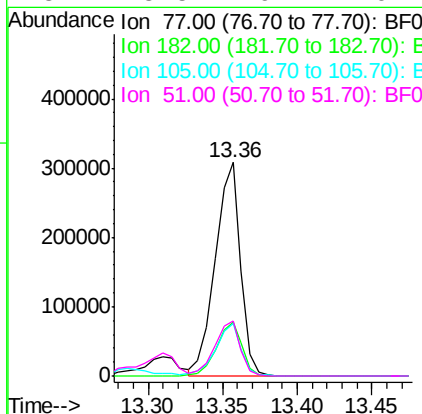
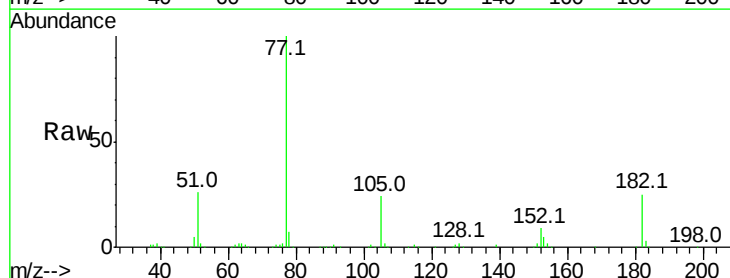
Instrument :
BNA_F
ClientSampled :

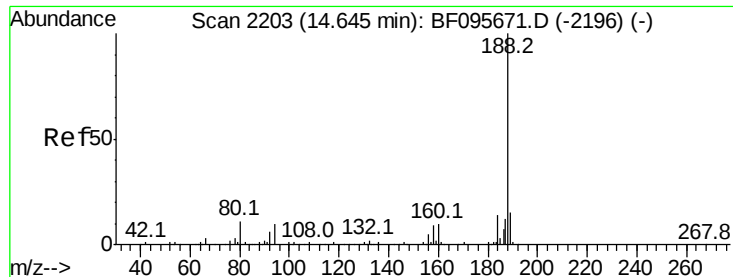
Tot Ion:138 Resp: 83490
Ion Ratio Lower Upper
138 100
92 41.6 21.8 61.8
108 60.1 42.3 82.3



#62
Azobenzene
Concen: 46.89 ng
RT: 13.36 min Scan# 2001
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion: 77 Resp: 365559
Ion Ratio Lower Upper
77 100
182 25.4 0.1 40.1
105 24.3 3.6 43.6
51 25.5 9.4 49.4

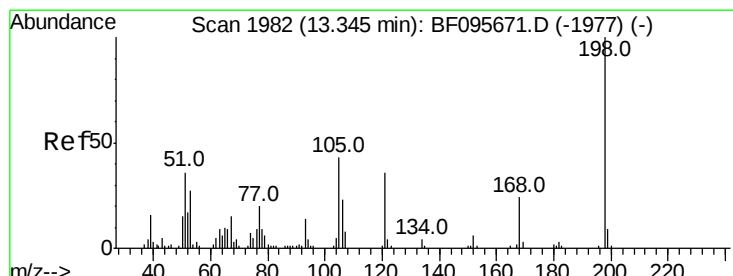
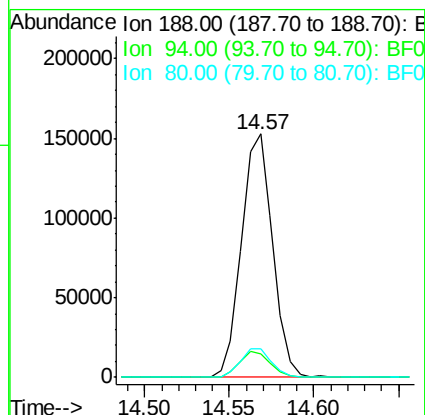
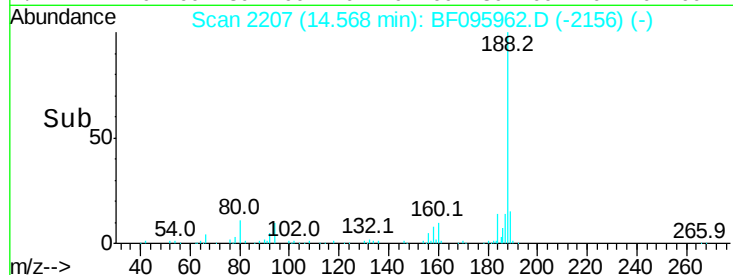
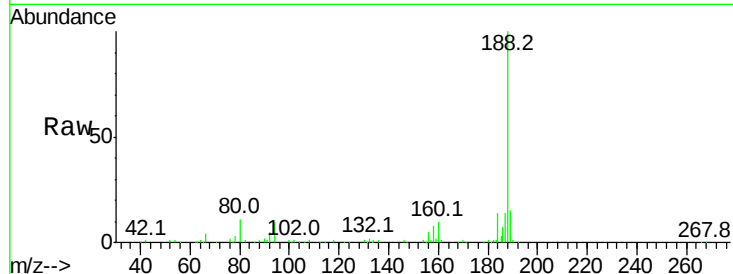




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.57 min Scan# 2207
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

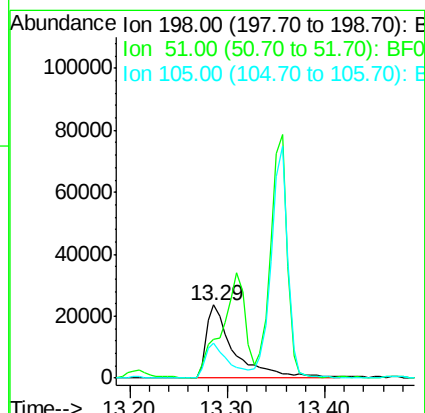
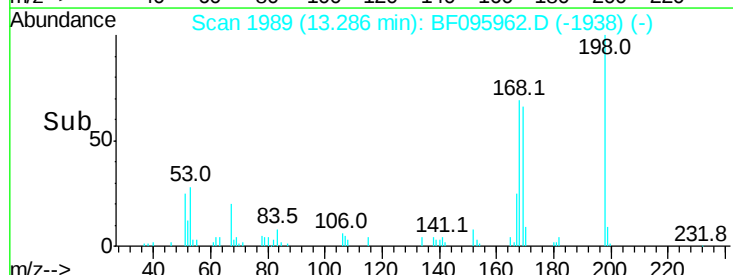
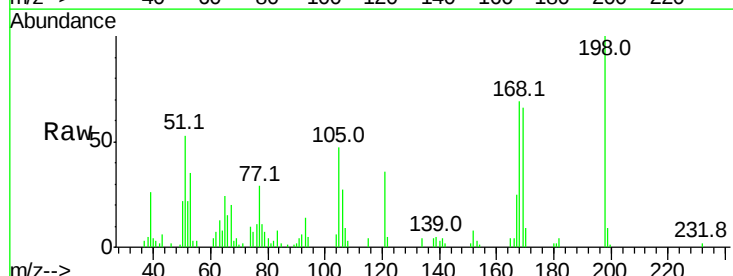
Instrument :
BNA_F
ClientSampleId :

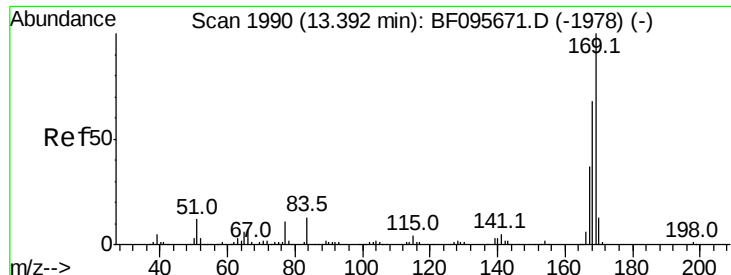
Tot Ion:188 Resp: 195464
Ion Ratio Lower Upper
188 100
94 9.7 9.4 14.2
80 11.5 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 36.36 ng
RT: 13.29 min Scan# 1989
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion:198 Resp: 46720
Ion Ratio Lower Upper
198 100
51 53.4 53.2 93.2
105 47.3 45.8 85.8





#65

n-Nitrosodiphenylamine

Concen: 48.38 ng

RT: 13.31 min Scan# 1993

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

ClientSampleId :

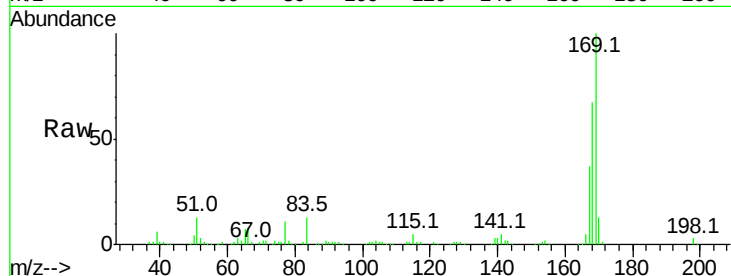
Tot Ion:169 Resp: 339801

Ion Ratio Lower Upper

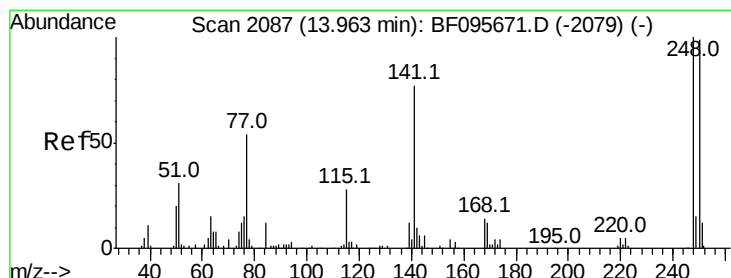
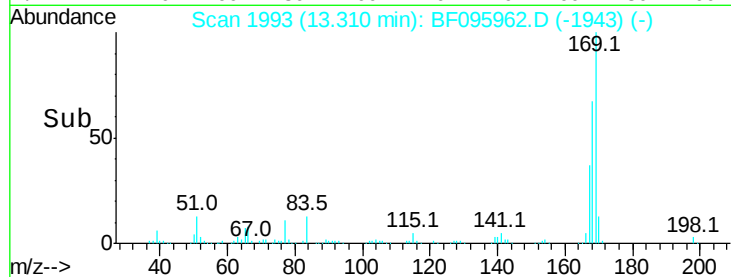
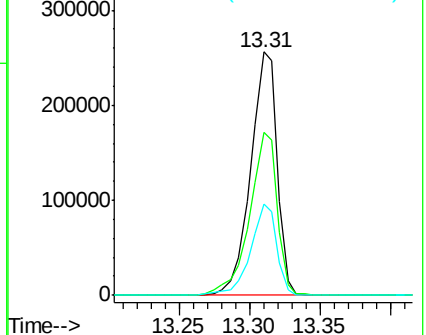
169 100

168 67.0 53.2 79.8

167 37.4 29.5 44.3



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



#66

4-Bromophenyl-phenylether

Concen: 48.15 ng

RT: 13.87 min Scan# 2089

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

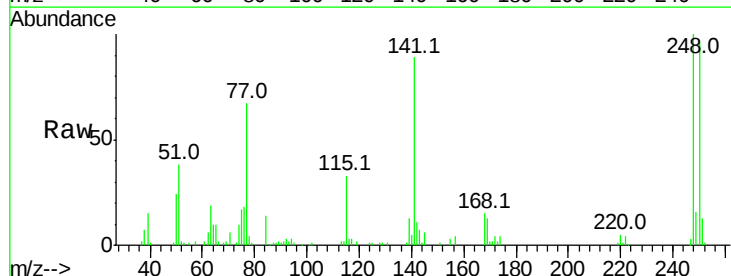
Tgt Ion:248 Resp: 97807

Ion Ratio Lower Upper

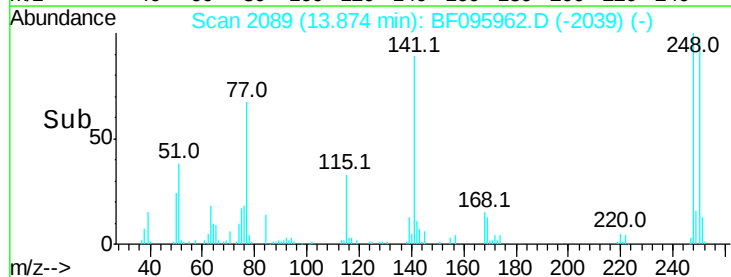
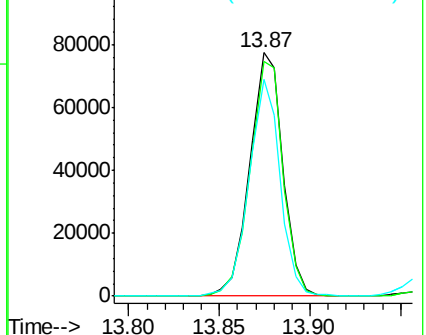
248 100

250 96.2 76.8 115.2

141 89.0 68.6 103.0



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

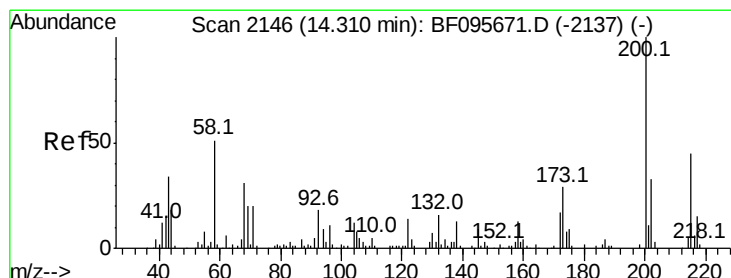
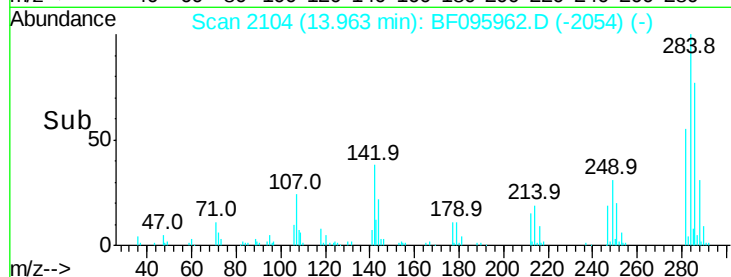
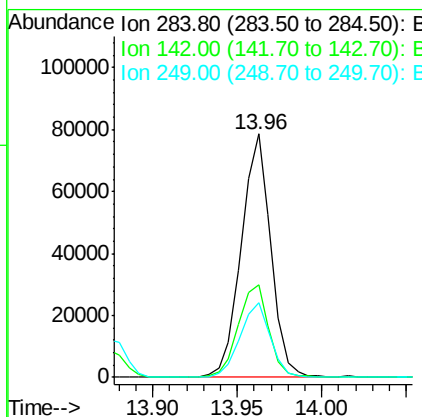
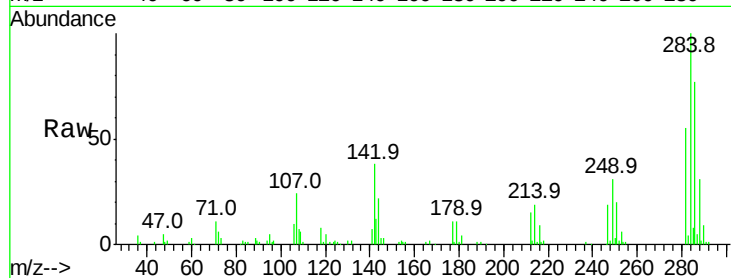




#67
Hexachlorobenzene
Concen: 47.92 ng
RT: 13.96 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

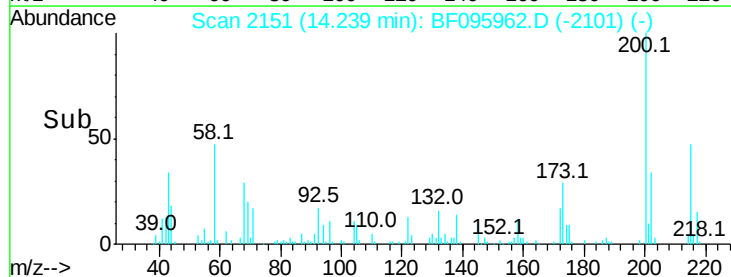
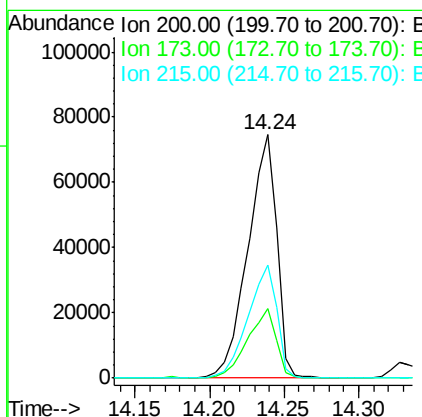
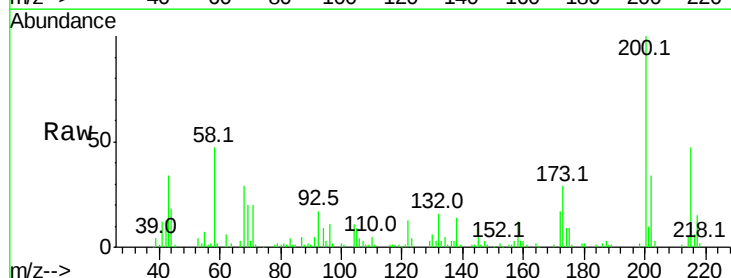
Instrument :
BNA_F
ClientSampled :

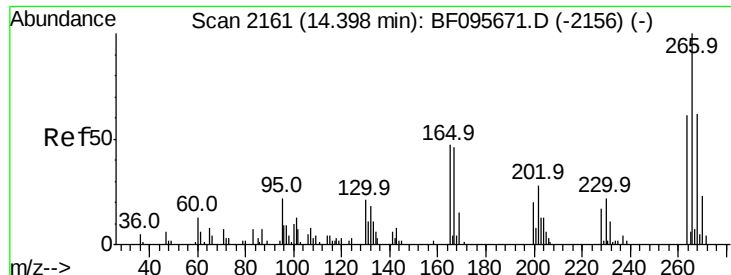
Tot Ion:284 Resp: 95919
Ion Ratio Lower Upper
284 100
142 38.2 22.8 34.2#
249 30.5 24.0 36.0



#68
Atrazine
Concen: 51.03 ng
RT: 14.24 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion:200 Resp: 99756
Ion Ratio Lower Upper
200 100
173 28.8 6.3 46.3
215 46.5 27.2 67.2

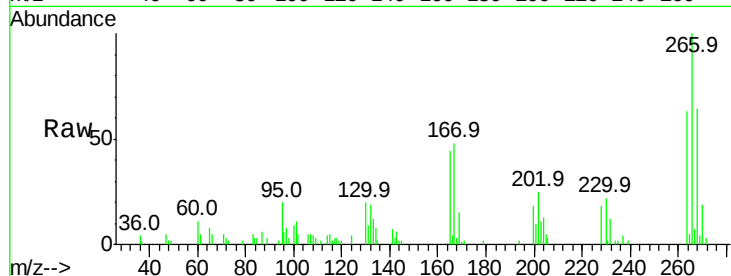




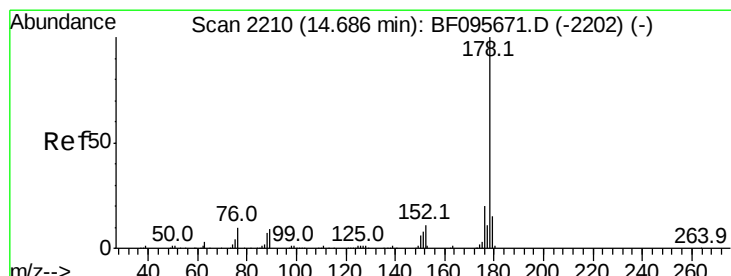
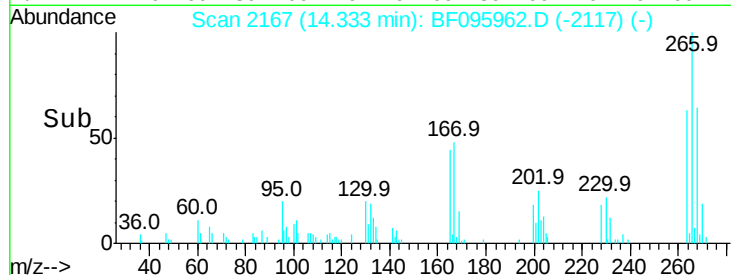
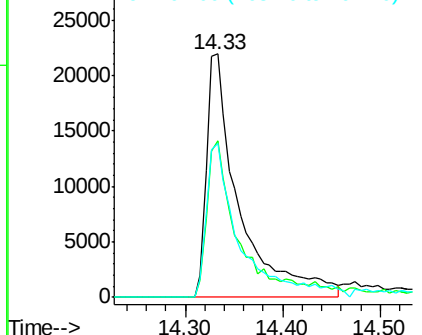
#69
 Pentachlorophenol
 Concen: 68.11 ng
 RT: 14.33 min Scan# 2167
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 50883
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.1 76.7
 264 63.2 51.7 77.5

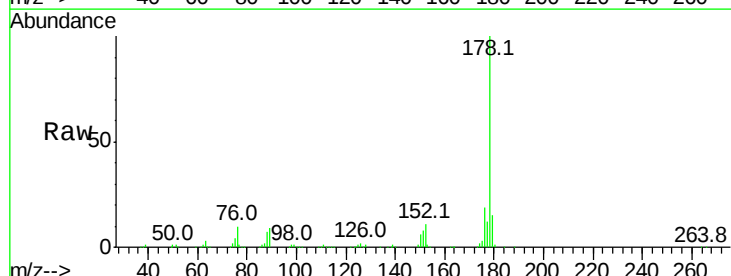


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

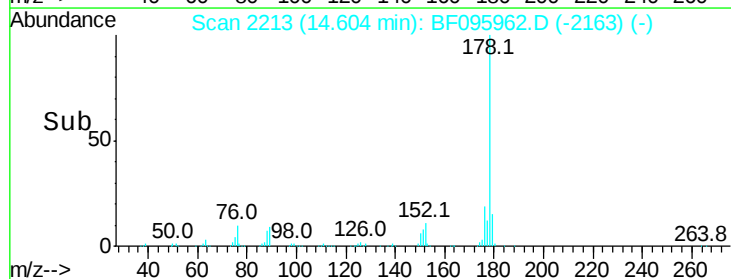
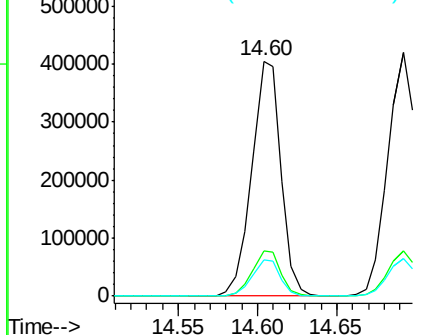


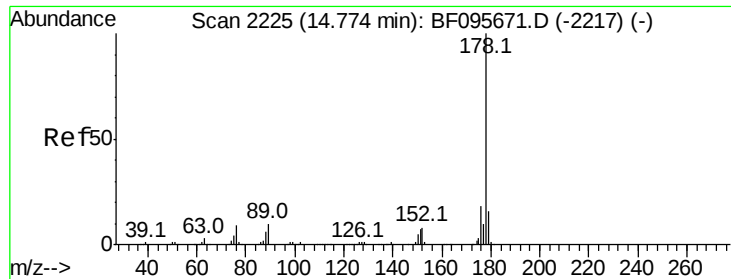
#70
 Phenanthrene
 Concen: 46.03 ng
 RT: 14.60 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion:178 Resp: 519168
 Ion Ratio Lower Upper
 178 100
 176 19.2 16.2 24.4
 179 15.3 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

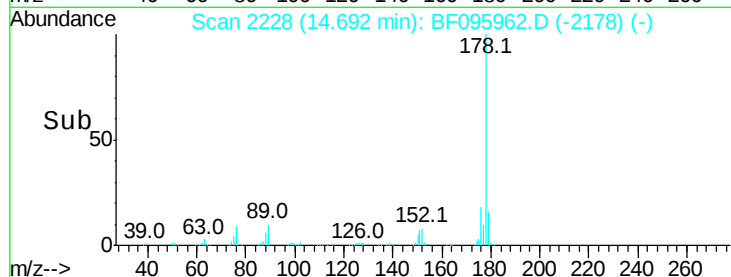
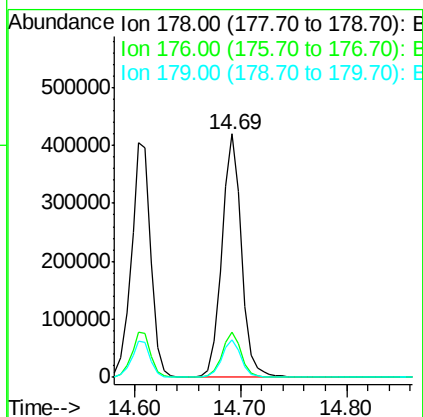
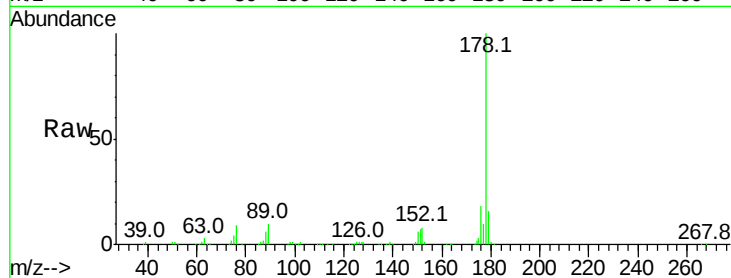




#71
 Anthracene
 Concen: 45.88 ng
 RT: 14.69 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

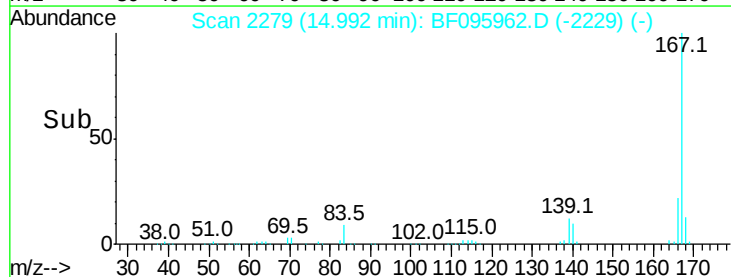
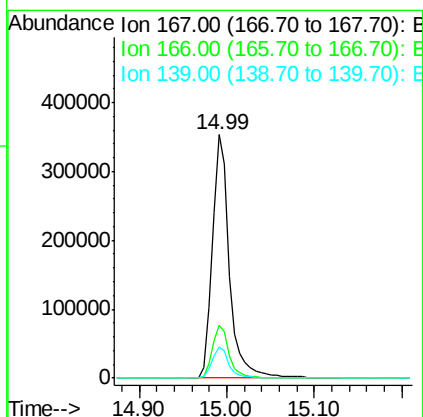
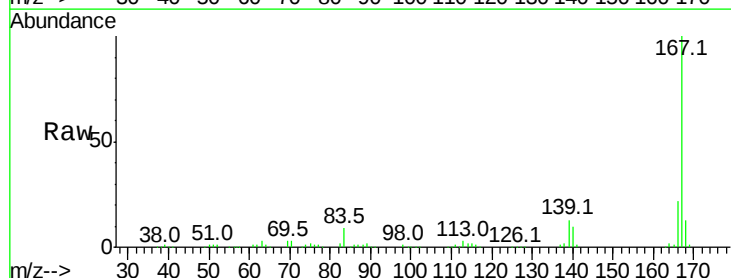
Instrument :
 BNA_F
 ClientSampled :

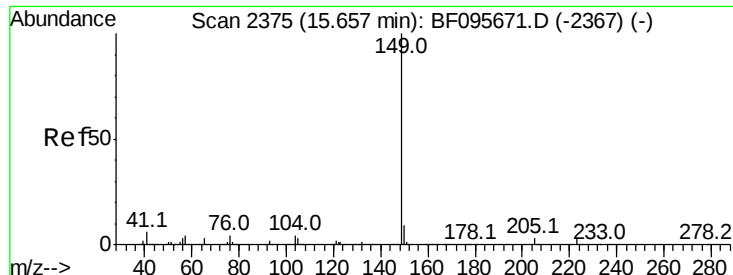
Tot Ion:178 Resp: 540226
 Ion Ratio Lower Upper
 178 100
 176 18.4 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 41.89 ng
 RT: 14.99 min Scan# 2279
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion:167 Resp: 480643
 Ion Ratio Lower Upper
 167 100
 166 21.5 18.1 27.1
 139 13.0 11.7 17.5

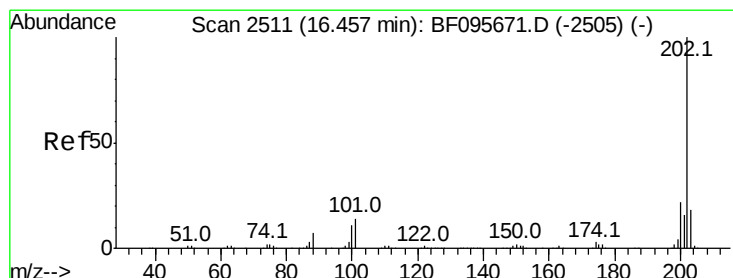
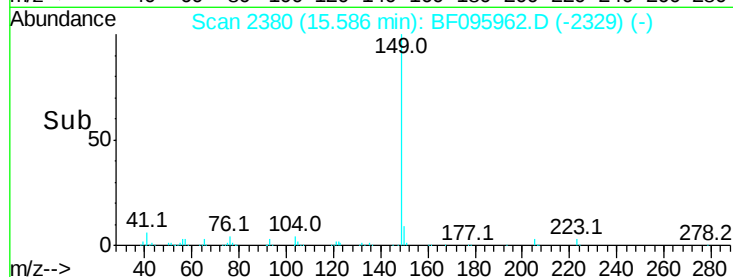
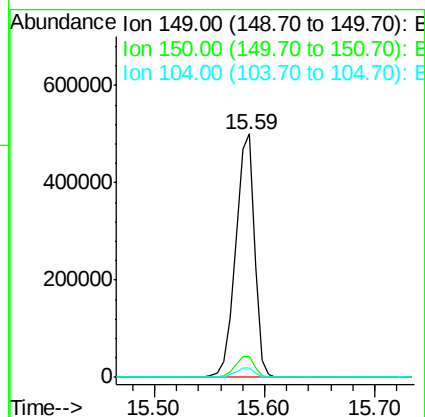
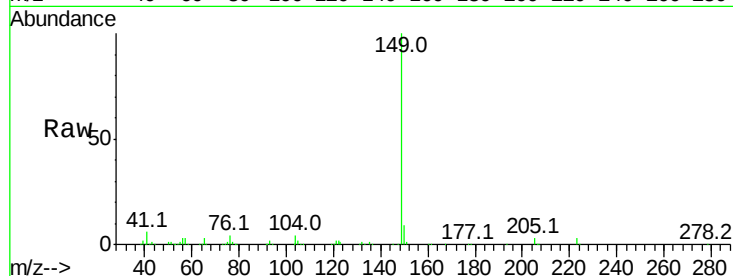




#73
Di-n-butylphthalate
Concen: 49.11 ng
RT: 15.59 min Scan# 2380
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

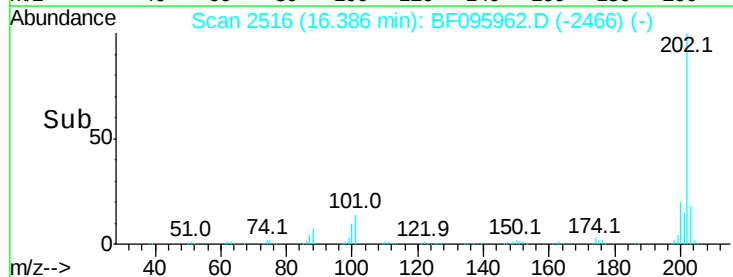
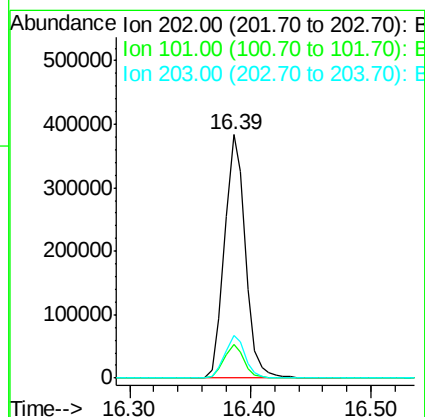
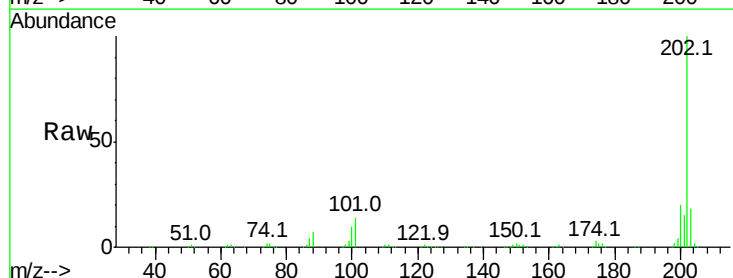
Instrument :
BNA_F
ClientSampleId :

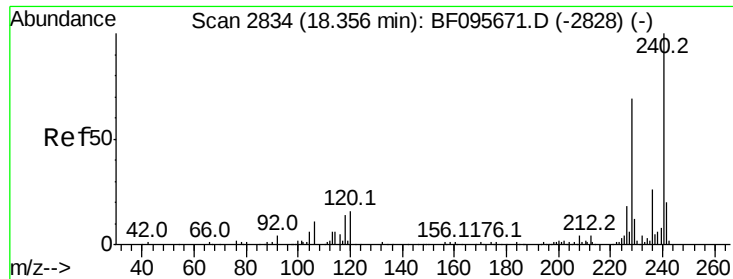
Tot Ion:149 Resp: 599555
Ion Ratio Lower Upper
149 100
150 8.7 7.7 11.5
104 3.9 4.0 6.0#



#74
Fluoranthene
Concen: 40.91 ng
RT: 16.39 min Scan# 2516
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion:202 Resp: 456634
Ion Ratio Lower Upper
202 100
101 14.0 0.0 33.2
203 17.6 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.29 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

ClientSampleId :

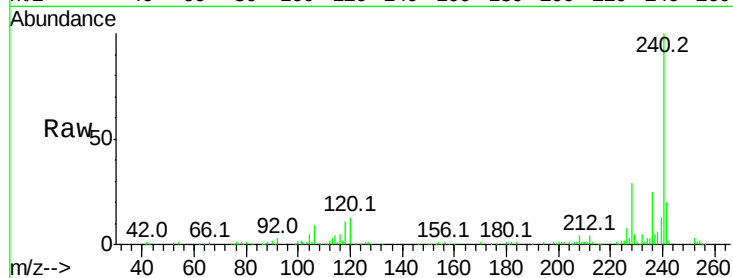
Tot Ion:240 Resp: 121182

Ion Ratio Lower Upper

240 100

120 13.0 5.8 8.8#

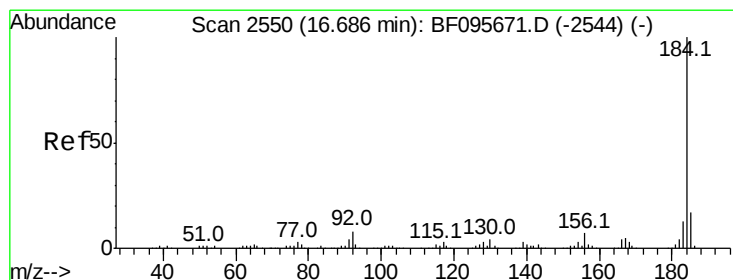
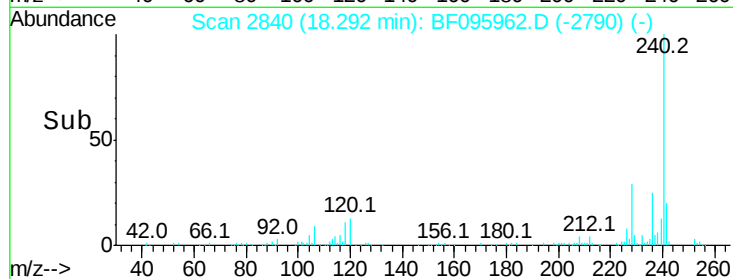
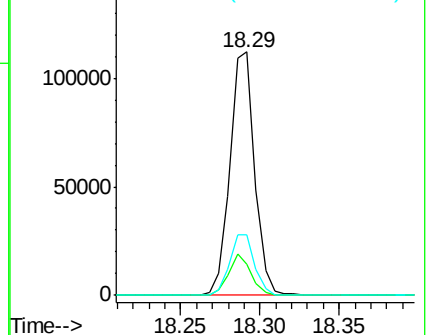
236 24.8 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 46.04 ng

RT: 16.62 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

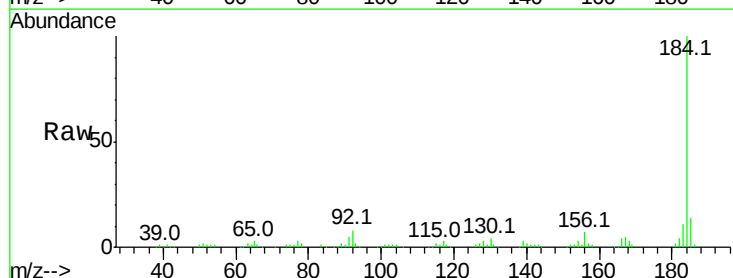
Tgt Ion:184 Resp: 214280

Ion Ratio Lower Upper

184 100

185 13.5 15.5 23.3#

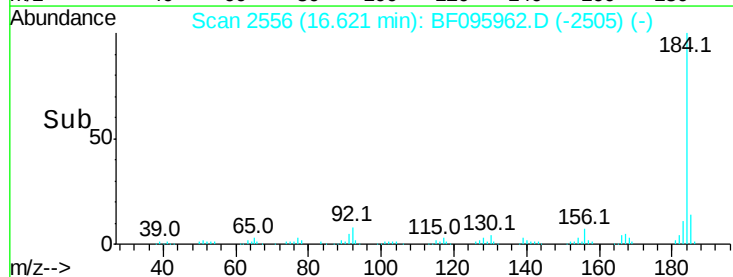
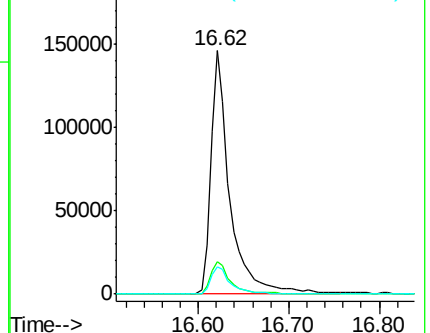
183 11.4 9.8 14.6

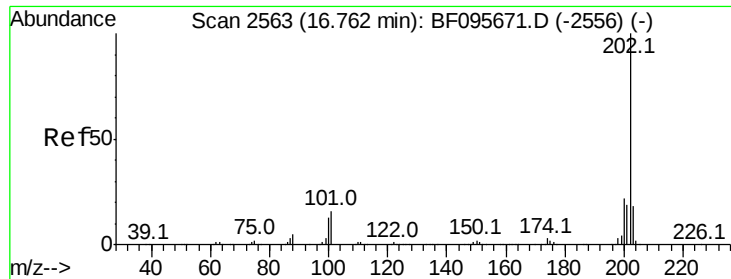


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

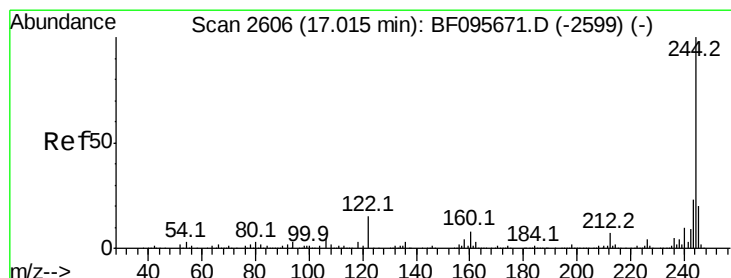
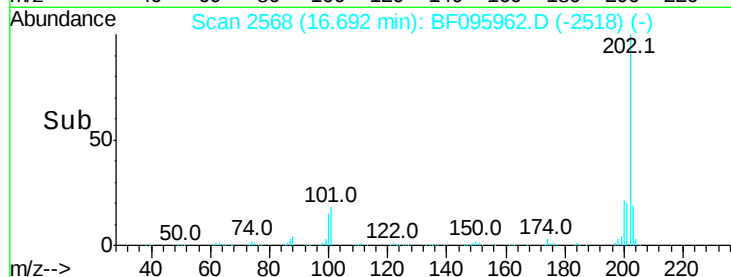
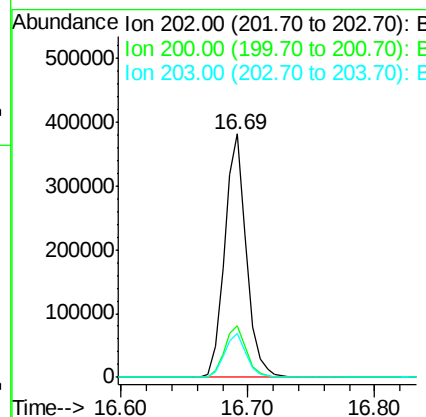
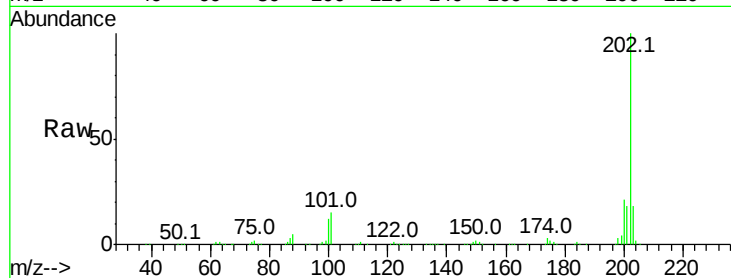




#77
Pvrene
Concen: 49.89 ng
RT: 16.69 min Scan# 2568
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

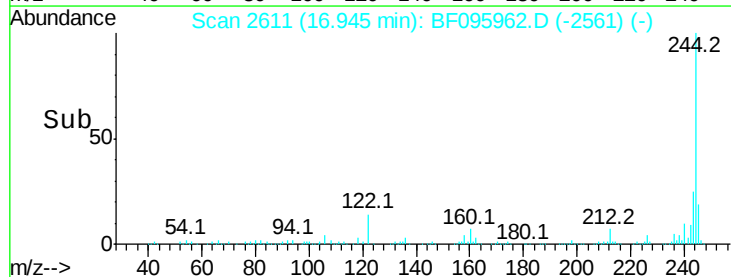
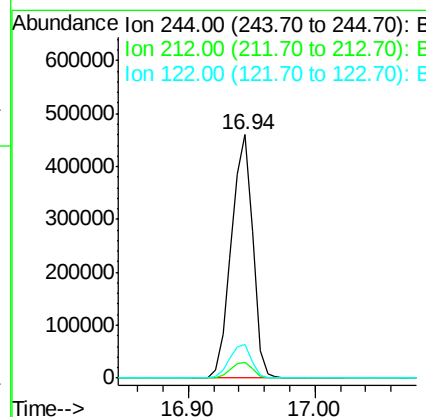
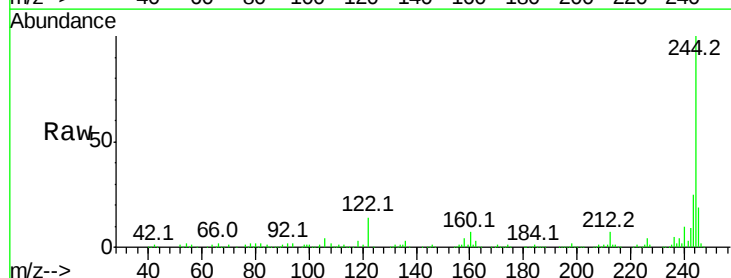
Instrument :
BNA_F
ClientSampled :

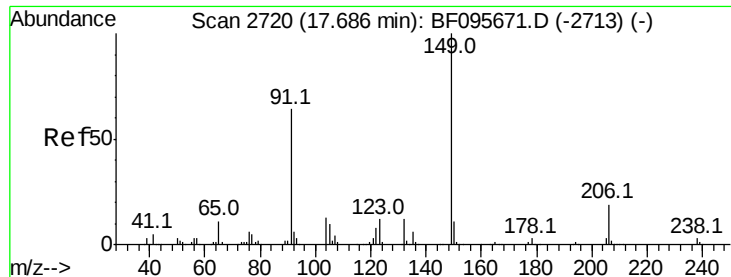
Tot Ion:202 Resp: 451135
Ion Ratio Lower Upper
202 100
200 21.1 17.6 26.4
203 17.9 14.4 21.6



#78
Terphenyl-d14
Concen: 109.18 ng
RT: 16.94 min Scan# 2611
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion:244 Resp: 533112
Ion Ratio Lower Upper
244 100
212 6.7 6.0 9.0
122 13.8 10.3 15.5

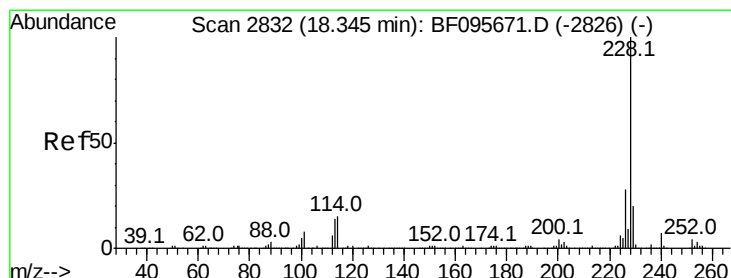
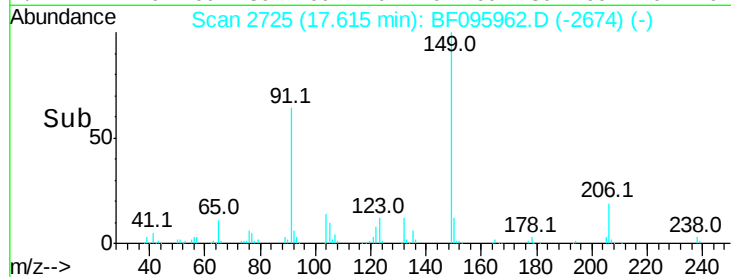
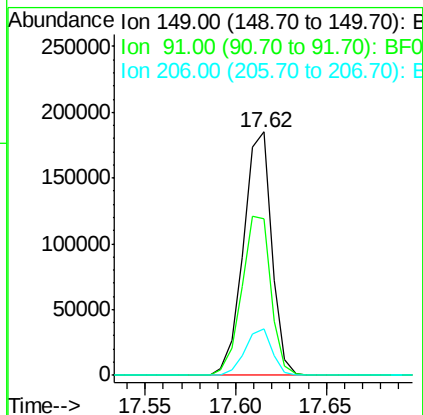
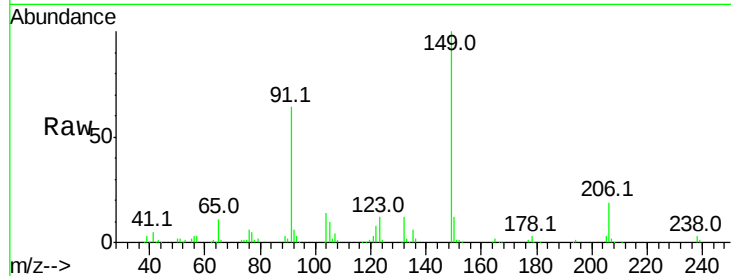




#79
Butylbenzylphthalate
Concen: 50.62 ng
RT: 17.62 min Scan# 2725
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

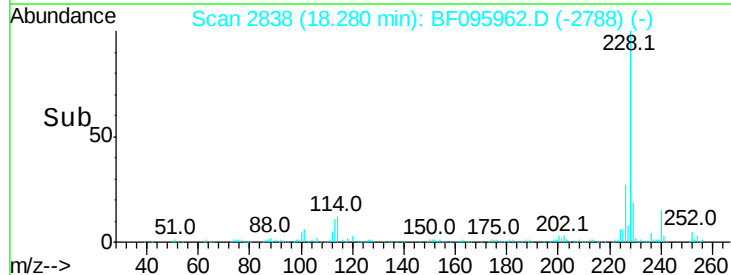
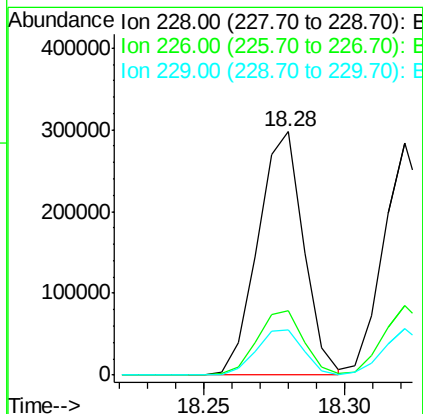
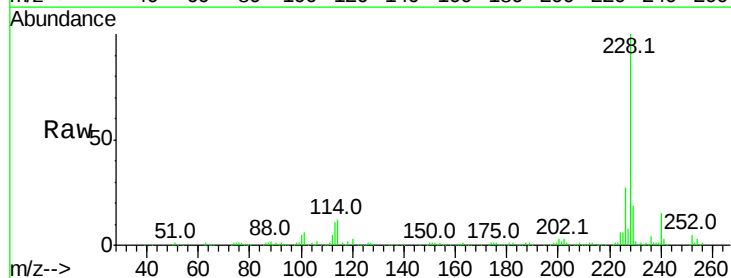
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
91	64.1	45.0	67.4
206	19.3	17.0	25.6



#80
Benzo(a)anthracene
Concen: 47.26 ng
RT: 18.28 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.6	33.8
229	18.7	16.3	24.5

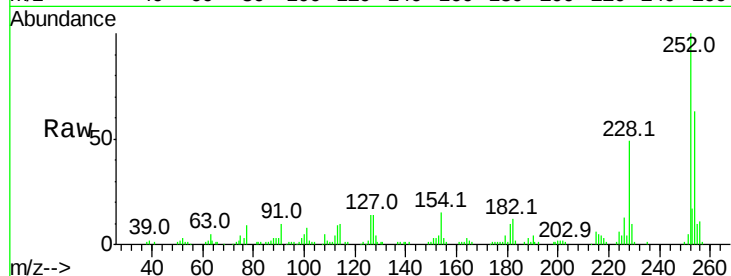




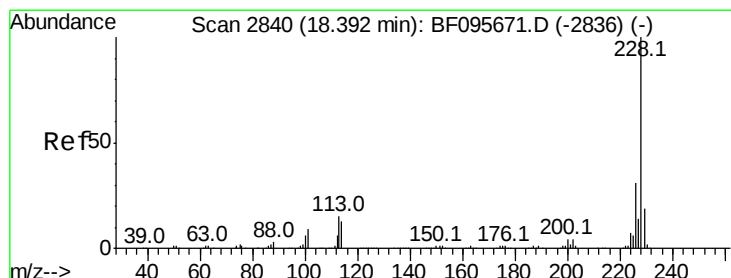
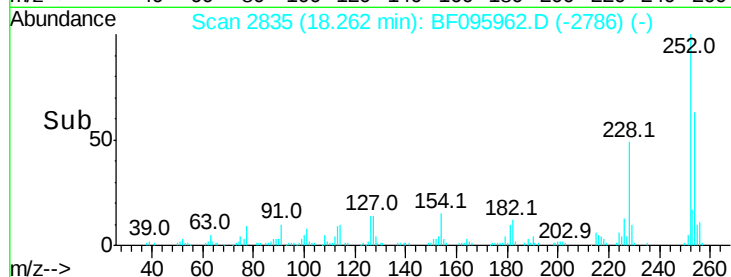
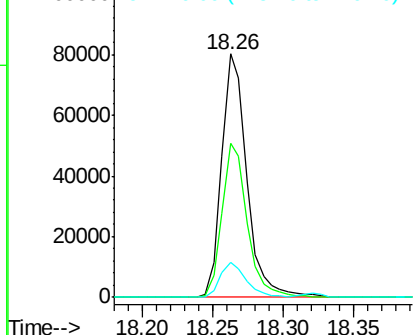
#81
 3,3'-Dichlorobenzidine
 Concen: 39.78 ng
 RT: 18.26 min Scan# 2835
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 99644
 Ion Ratio Lower Upper
 252 100
 254 63.1 51.5 77.3
 126 14.5 15.8 23.8#

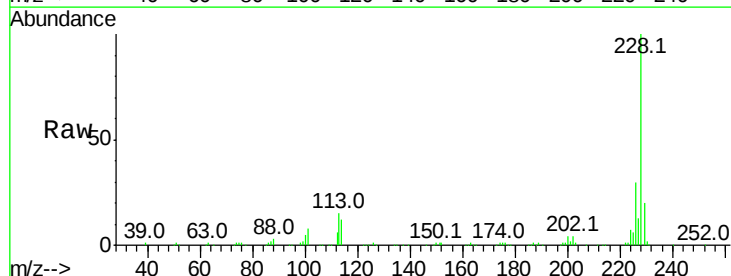


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

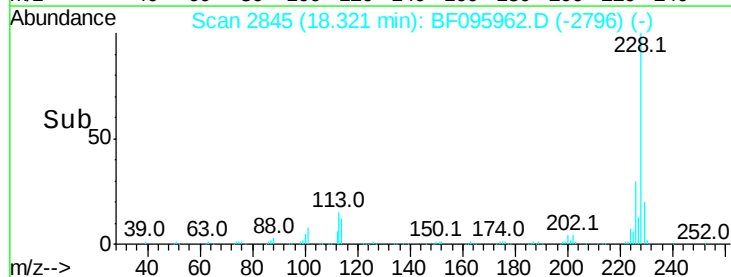
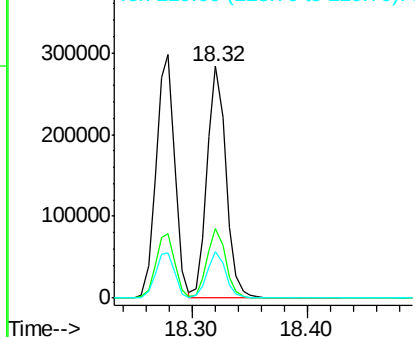


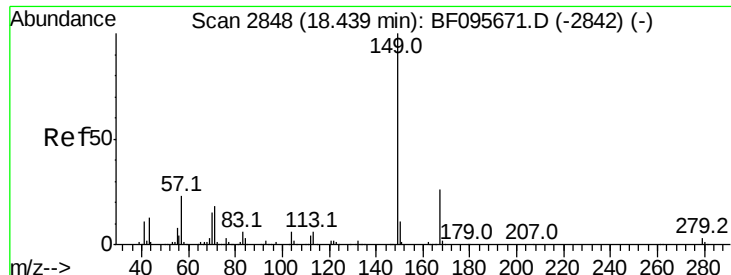
#82
 Chrysene
 Concen: 46.13 ng
 RT: 18.32 min Scan# 2845
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion:228 Resp: 324827
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.9 37.3
 229 19.8 15.8 23.6



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

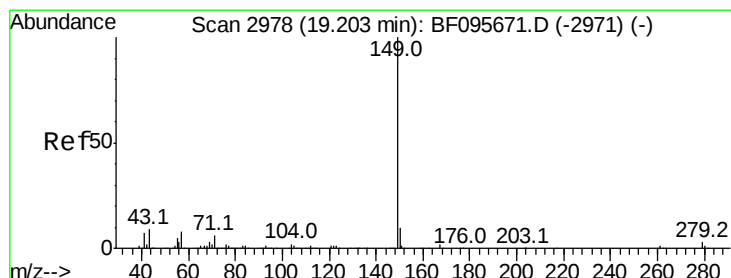
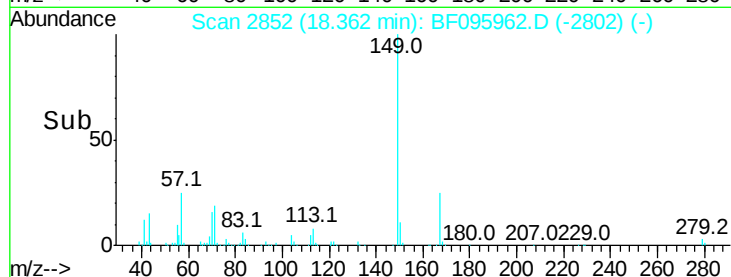
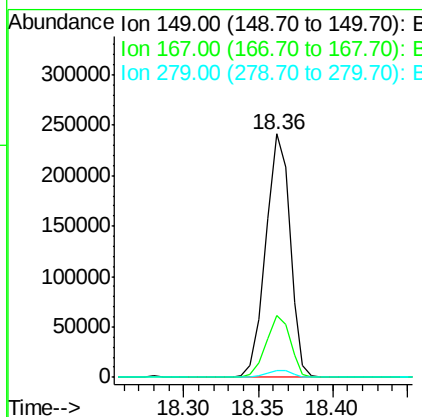
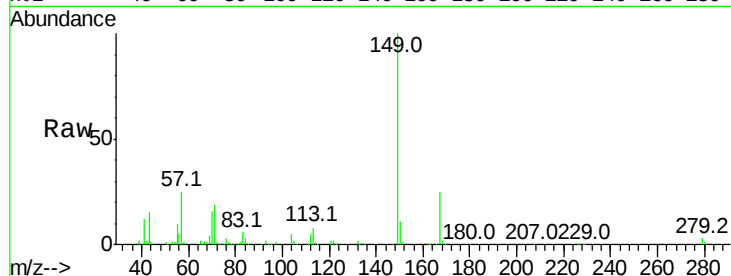




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 48.71 ng
 RT: 18.36 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

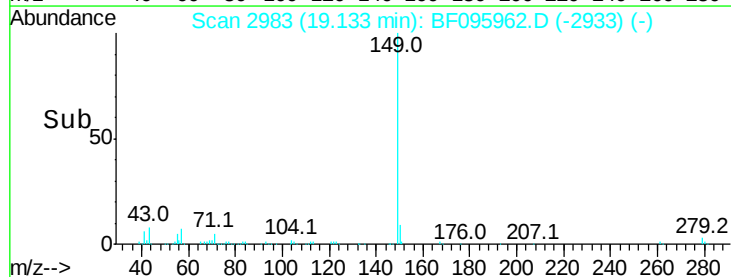
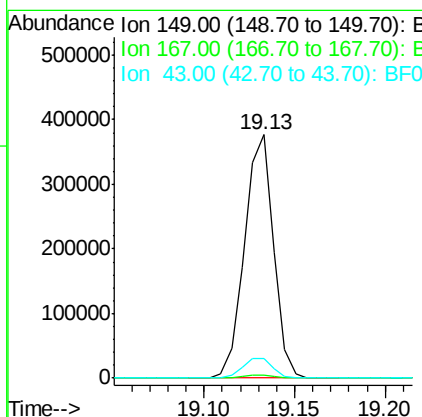
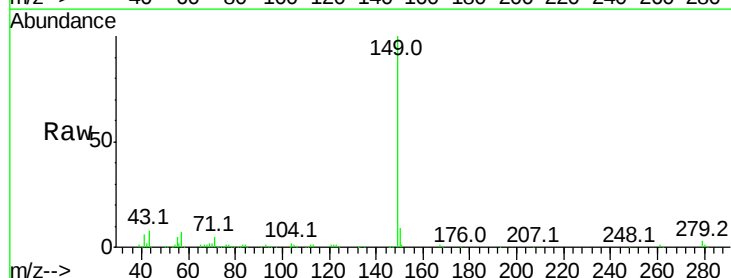
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:149 Resp: 271310
 Ion Ratio Lower Upper
 149 100
 167 25.4 21.0 31.4
 279 3.0 1.9 2.9#



#84
 Di-n-octyl phthalate
 Concen: 45.55 ng
 RT: 19.13 min Scan# 2983
 Delta R.T. -0.01 min
 Lab File: BF095962.D
 Acq: 16 Jun 2017 18:41

Tgt Ion:149 Resp: 418114
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.2 1.8
 43 9.1 8.5 12.7

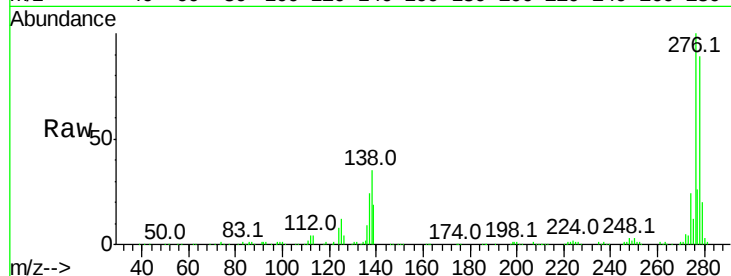




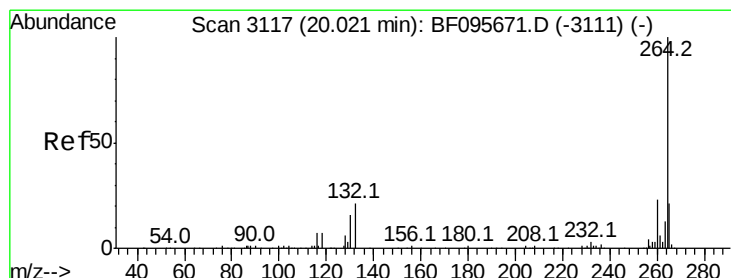
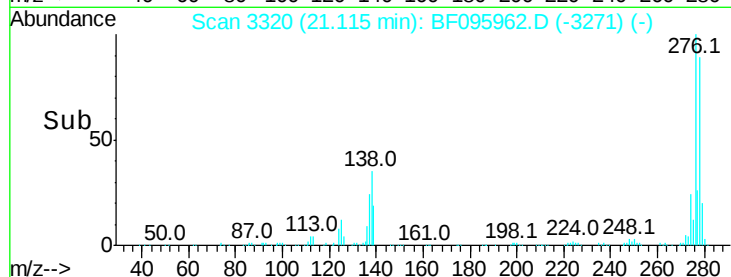
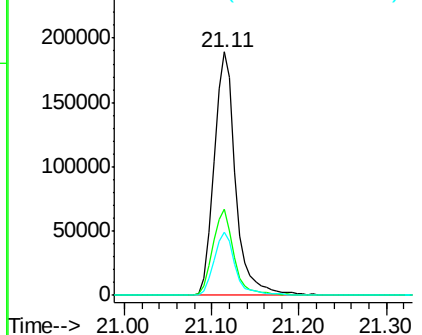
#85
Indeno(1,2,3-cd)pyrene
Concen: 53.53 ng
RT: 21.11 min Scan# 3320
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	34.9	27.8	41.6
277	25.9	20.2	30.4

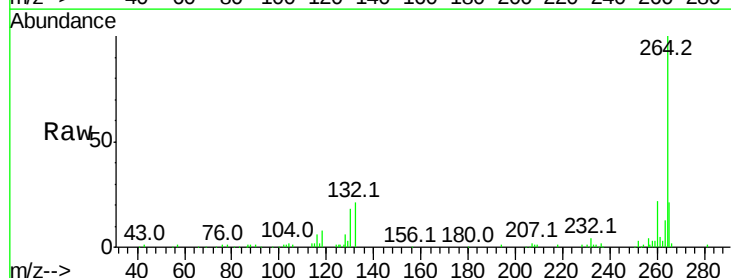


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

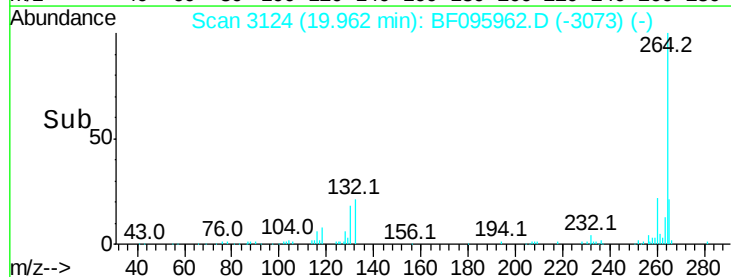
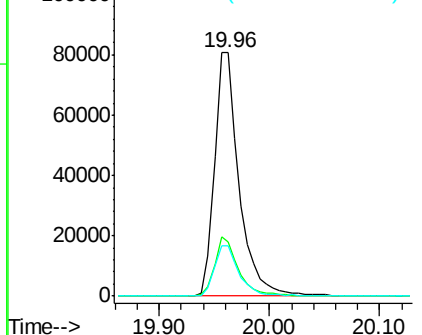


#86
Perylene-d12
Concen: 20.00 ng
RT: 19.96 min Scan# 3124
Delta R.T. 0.00 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	19.5	29.3
265	20.8	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

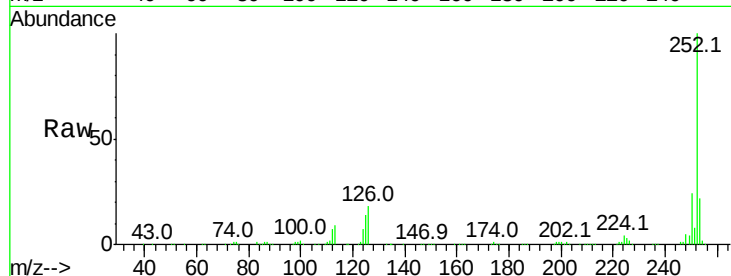




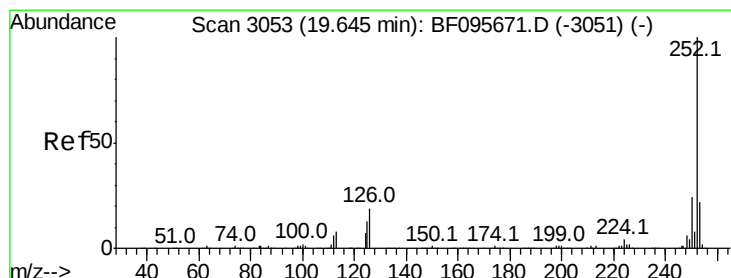
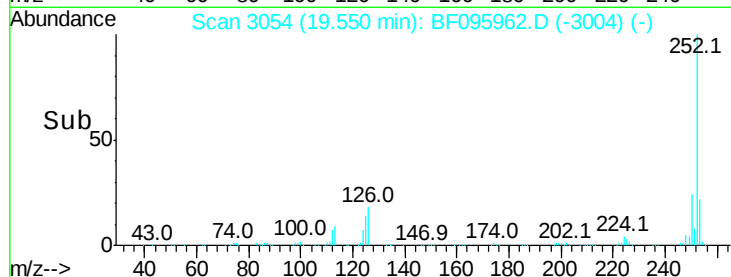
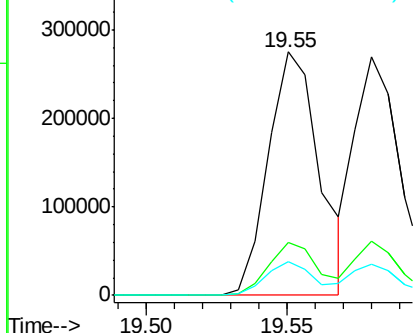
#87
Benzo(b)fluoranthene
Concen: 44.47 ng
RT: 19.55 min Scan# 3054
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 346091
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 14.0 9.8 14.8

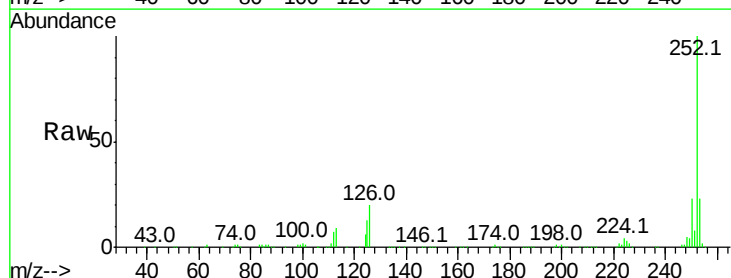


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

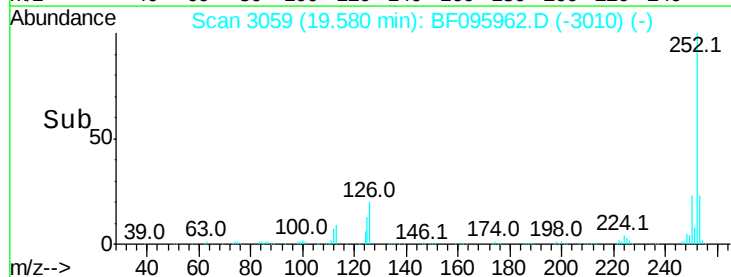
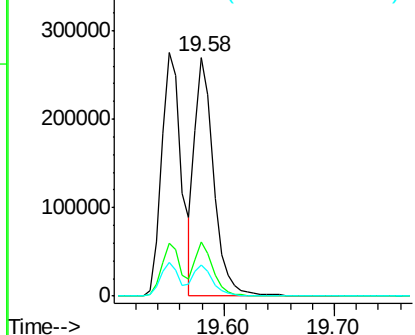


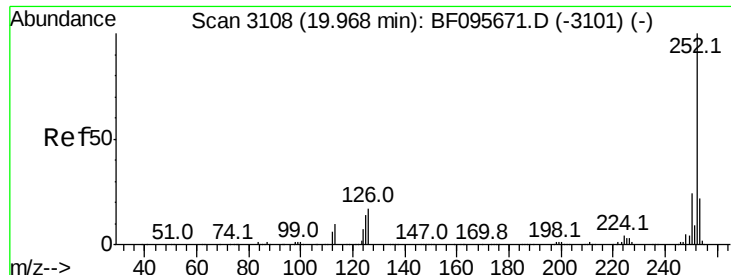
#88
Benzo(k)fluoranthene
Concen: 42.65 ng
RT: 19.58 min Scan# 3059
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion:252 Resp: 317242
Ion Ratio Lower Upper
252 100
253 22.5 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

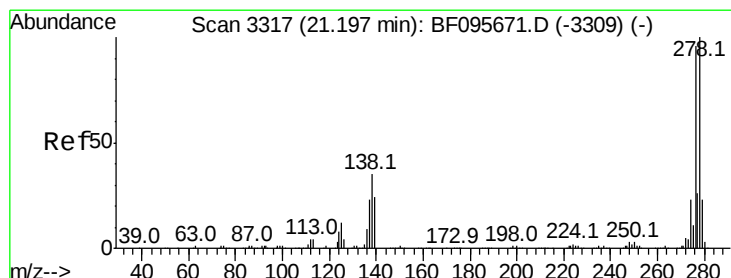
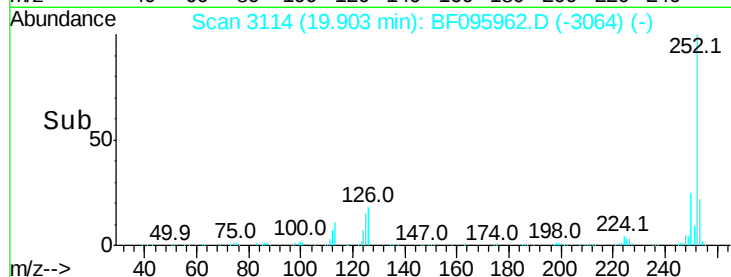
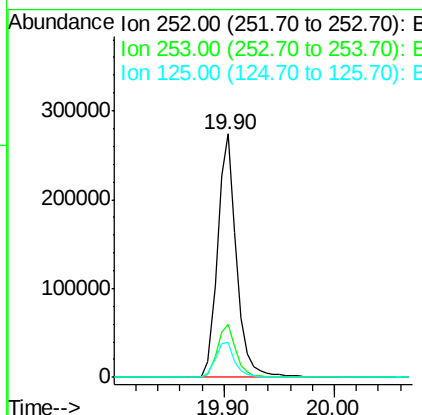
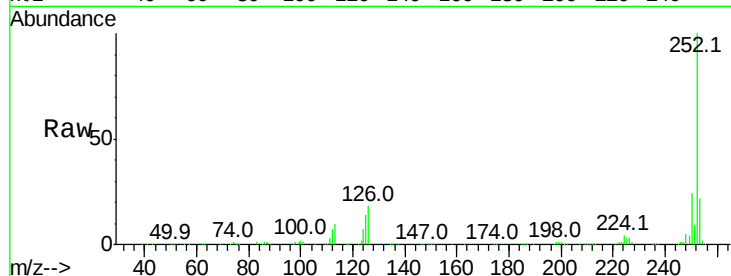




#89
Benzo(a)pyrene
Concen: 45.37 ng
RT: 19.90 min Scan# 3114
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

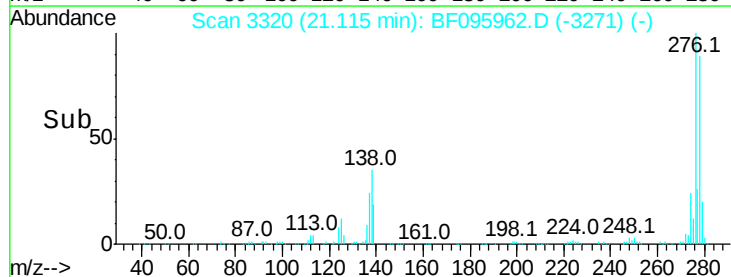
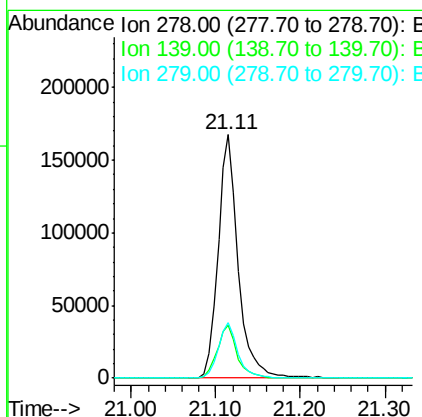
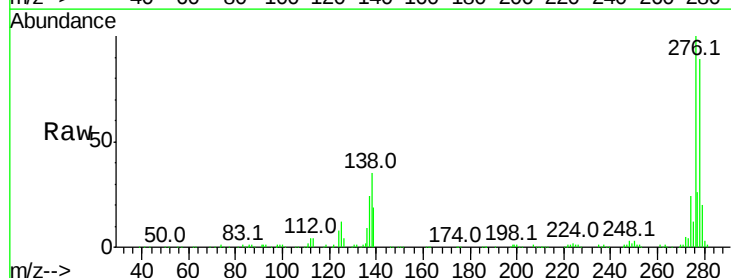
Instrument :
BNA_F
ClientSampleId :

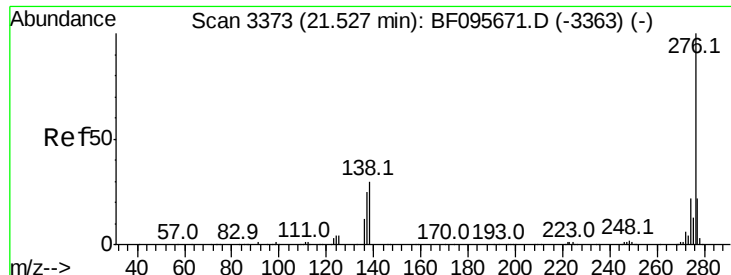
Tot Ion:252 Resp: 324529
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 14.4 11.0 16.4



#90
Dibenzo(a,h)anthracene
Concen: 45.82 ng
RT: 21.11 min Scan# 3320
Delta R.T. -0.01 min
Lab File: BF095962.D
Acq: 16 Jun 2017 18:41

Tgt Ion:278 Resp: 278002
Ion Ratio Lower Upper
278 100
139 21.8 16.6 24.8
279 23.0 19.3 28.9





#91

Benzo(a,h,i)perylene

Concen: 42.78 ng

RT: 21.44 min Scan# 3375

Delta R.T. -0.01 min

Lab File: BF095962.D

Acq: 16 Jun 2017 18:41

Instrument :

BNA_F

ClientSampleId :

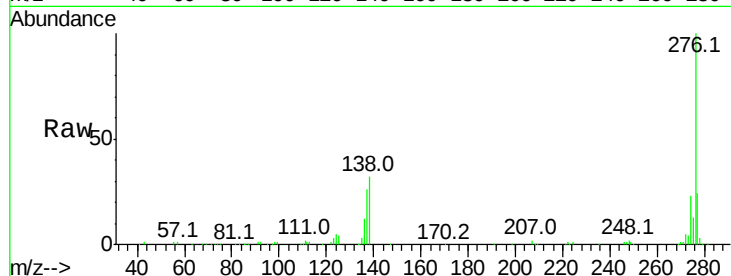
Tot Ion:276 Resp: 264636

Ion Ratio Lower Upper

276 100

277 23.8 18.6 28.0

138 31.7 25.4 38.0



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

