

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095164.D
 Acq On : 16 May 2017 19:25
 Operator : SJ/MA
 Sample : I3139-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 17 05:56:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	97502	20.00	ng	0.05
21) Naphthalene-d8	9.79	136	413373	20.00	ng	0.04
38) Acenaphthene-d10	12.62	164	164399	20.00	ng	0.04
63) Phenanthrene-d10	15.03	188	339196	20.00	ng	0.05
75) Chrysene-d12	18.69	240	237191	20.00	ng	0.04
86) Perylene-d12	20.37	264	170949	20.00	ng	0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	933100	159.55	ng	0.08
7) Phenol-d6	7.33	99	1096042	156.20	ng	0.05
23) Nitrobenzene-d5	8.68	82	677104	103.29	ng	0.05
41) 2,4,6-Tribromophenol	13.93	330	218145	162.02	ng	0.05
44) 2-Fluorobiphenyl	11.57	172	1264873	110.74	ng	0.04
78) Terphenyl-d14	17.35	244	1091691	101.37	ng	0.04

Target Compounds						Qvalue
2) 1,4-Dioxane	2.31	88	106706	37.20	ng	96
3) Pyridine	3.02	79	134524	20.24	ng	97
4) n-Nitrosodimethylamine	2.94	42	99421	35.88	ng	81
6) Aniline	7.29	93	292243	32.99	ng	95
8) 2-Chlorophenol	7.47	128	350211	52.61	ng	98
9) Benzaldehyde	7.11	77	145917	34.06	ng	95
10) Phenol	7.35	94	384689	52.03	ng	90
11) bis(2-Chloroethyl)ether	7.42	93	301984	49.47	ng	95
12) 1,3-Dichlorobenzene	7.68	146	367059	48.61	ng	98
13) 1,4-Dichlorobenzene	7.81	146	374698	48.93	ng	97
14) 1,2-Dichlorobenzene	8.04	146	354793	49.64	ng	96
15) Benzyl Alcohol	8.07	79	281530	62.38	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.26	45	411268	47.60	ng	89
17) 2-Methylphenol	8.27	107	278798	51.18	ng	# 93
18) Hexachloroethane	8.55	117	124912	48.15	ng	# 85
19) n-Nitroso-di-n-propylamine	8.49	70	256858	54.12	ng	93
20) 3+4-Methylphenols	8.53	107	383361	51.79	ng	# 61
22) Acetophenone	8.45	105	508302	51.25	ng	# 83
24) Nitrobenzene	8.71	77	349146	50.81	ng	92
25) Isophorone	9.11	82	632351	54.02	ng	95
26) 2-Nitrophenol	9.21	139	200343	54.03	ng	98
27) 2,4-Dimethylphenol	9.35	122	303918	50.70	ng	98
28) bis(2-Chloroethoxy)methane	9.47	93	412425	50.93	ng	98
29) 2,4-Dichlorophenol	9.63	162	301718	53.31	ng	97
30) 1,2,4-Trichlorobenzene	9.72	180	301907	49.79	ng	100
31) Naphthalene	9.82	128	1026326	49.40	ng	100
32) Benzoic acid	9.62	122	67578	20.43	ng	88
33) 4-Chloroaniline	10.00	127	70403	9.09	ng	94
34) Hexachlorobutadiene	10.04	225	147261	46.02	ng	99
35) Caprolactam	10.61	113	47282	27.82	ng	91
36) 4-Chloro-3-methylphenol	10.82	107	329580	54.46	ng	87
37) 2-Methylnaphthalene	10.95	142	716997	52.58	ng	97
39) 1,2,4,5-Tetrachlorobenzene	11.23	216	268176	53.04	ng	99
40) Hexachlorocyclopentadiene	11.21	237	185238	86.61	ng	98

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051617\
 Data File : BF095164.D
 Acq On : 16 May 2017 19:25
 Operator : SJ/MA
 Sample : I3139-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

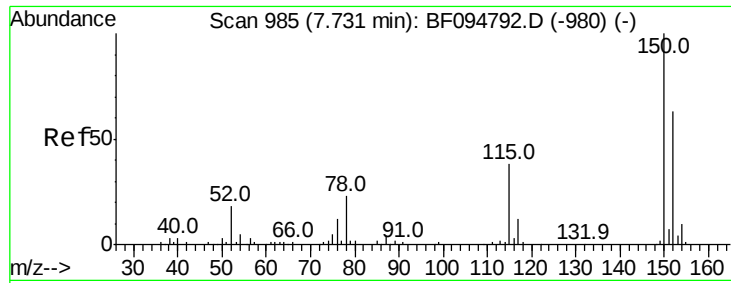
Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 17 05:56:02 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 03 17:24:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) 2,4,6-Trichlorophenol	11.45	196	204394	60.55	nq	97
43) 2,4,5-Trichlorophenol	11.54	196	192974	53.19	nq	# 92
45) 1,1'-Biphenyl	11.72	154	715627	51.70	nq	97
46) 2-Chloronaphthalene	11.74	162	546223	48.87	nq	95
47) 2-Nitroaniline	11.95	65	147348	48.17	nq	# 77
48) Acenaphthylene	12.40	152	877992	50.15	nq	99
49) Dimethylphthalate	12.27	163	769849	57.04	nq	99
50) 2,6-Dinitrotoluene	12.37	165	147278	53.49	nq	97
51) Acenaphthene	12.68	154	525059	50.22	nq	99
52) 3-Nitroaniline	12.64	138	71573	24.22	nq	88
53) 2,4-Dinitrophenol	12.84	184	120430	79.46	nq	# 69
54) Dibenzofuran	12.97	168	798059	55.16	nq	98
55) 4-Nitrophenol	13.02	139	164779	92.83	nq	# 74
56) 2,4-Dinitrotoluene	13.03	165	199050	56.26	nq	# 89
57) Fluorene	13.52	166	640244	50.89	nq	99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	140109	61.36	nq	# 92
59) Diethylphthalate	13.42	149	640755	49.53	nq	99
60) 4-Chlorophenyl-phenylether	13.54	204	278889	50.44	nq	91
61) 4-Nitroaniline	13.64	138	127087	46.84	nq	93
62) Azobenzene	13.80	77	602843	58.00	nq	94
64) 4,6-Dinitro-2-methylphenol	13.70	198	99317	43.68	nq	# 67
65) n-Nitrosodiphenylamine	13.75	169	558245	45.35	nq	99
66) 4-Bromophenyl-phenylether	14.33	248	167514	46.74	nq	97
67) Hexachlorobenzene	14.42	284	170051	46.30	nq	# 90
68) Atrazine	14.68	200	181186	52.13	nq	99
69) Pentachlorophenol	14.77	266	145640	87.14	nq	98
70) Phenanthrene	15.07	178	1018998	52.29	nq	99
71) Anthracene	15.15	178	1011504	50.81	nq	98
72) Carbazole	15.43	167	944146	52.12	nq	98
73) Di-n-butylphthalate	15.99	149	1155911	51.17	nq	99
74) Fluoranthene	16.81	202	1058643	52.95	nq	99
76) Benzidine	17.02	184	246408	39.73	nq	# 93
77) Pyrene	17.11	202	1030343	58.08	nq	99
79) Butylbenzylphthalate	18.01	149	456105	55.28	nq	91
80) Benzo(a)anthracene	18.68	228	713524	51.69	nq	99
81) 3,3'-Dichlorobenzidine	18.67	252	110814	23.24	nq	# 96
82) Chrysene	18.73	228	662943	49.67	nq	99
83) Bis(2-ethylhexyl)phthalate	18.75	149	654626	55.68	nq	# 99
84) Di-n-octyl phthalate	19.52	149	1006657	52.23	nq	96
85) Indeno(1,2,3-cd)pyrene	21.70	276	561894	51.84	nq	99
87) Benzo(b)fluoranthene	19.96	252	528358	50.02	nq	98
88) Benzo(k)fluoranthene	19.99	252	526422	51.66	nq	# 95
89) Benzo(a)pyrene	20.31	252	488431	50.11	nq	99
90) Dibenzo(a,h)anthracene	21.70	278	443666	55.11	nq	99
91) Benzo(g,h,i)perylene	22.08	276	493127	62.42	nq	97

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

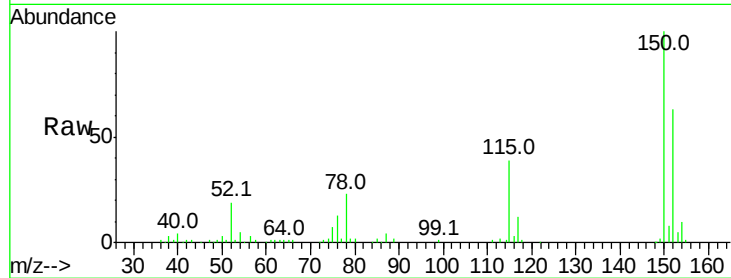


#1

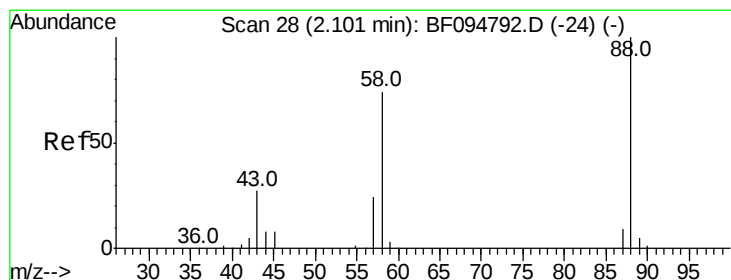
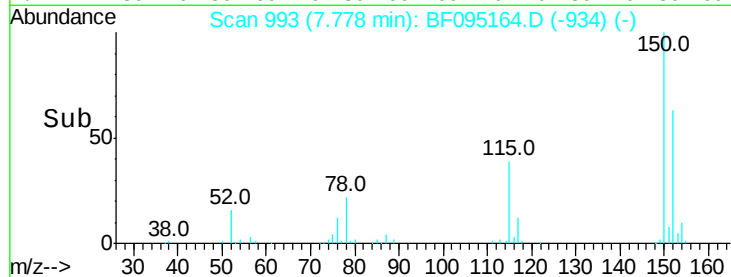
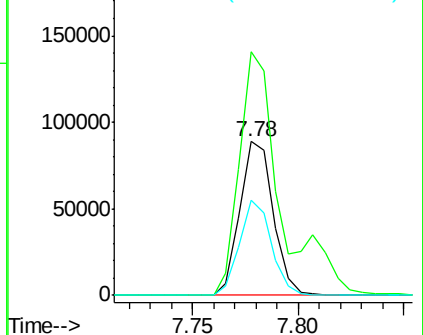
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.78 min Scan# 993
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97502
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 62.1 52.2 78.2



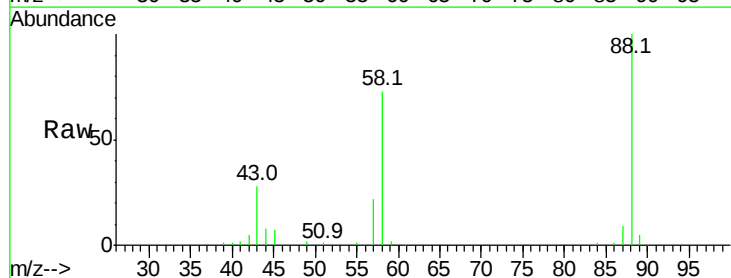
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



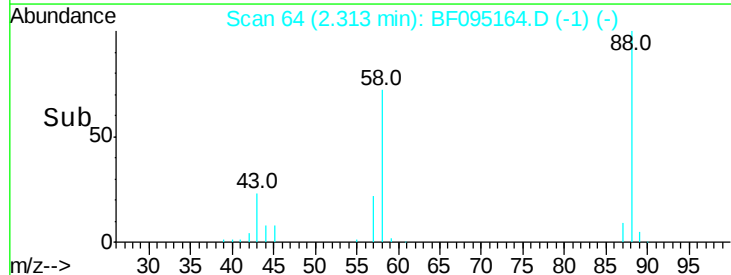
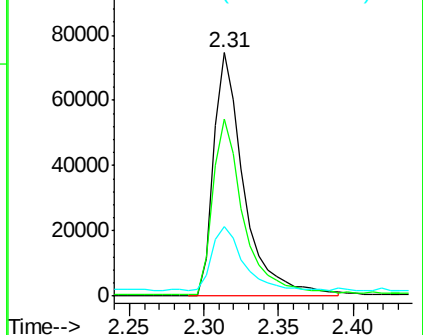
#2

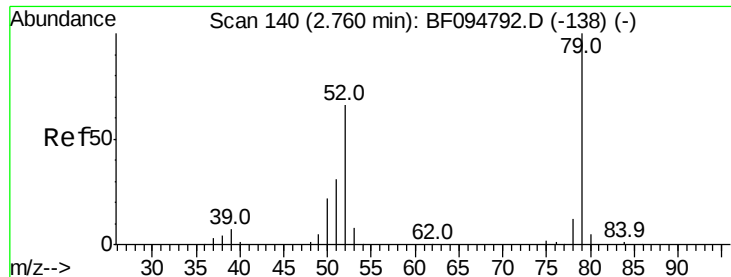
1,4-Dioxane
Concen: 37.20 ng
RT: 2.31 min Scan# 64
Delta R.T. 0.21 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion: 88 Resp: 106706
Ion Ratio Lower Upper
88 100
58 72.7 61.4 92.0
43 27.3 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: 20.24 ng

RT: 3.02 min Scan# 184

Delta R.T. 0.26 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampled :

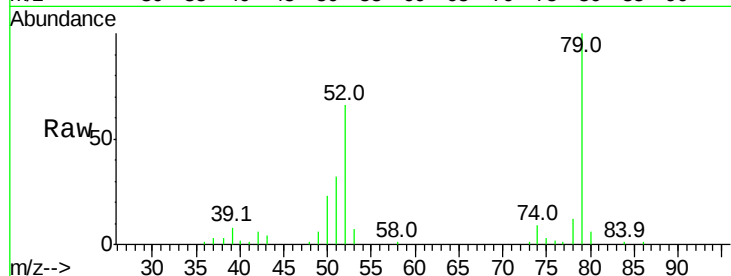
Tot Ion: 79 Resp: 134524

Ion Ratio Lower Upper

79 100

52 66.3 54.8 82.2

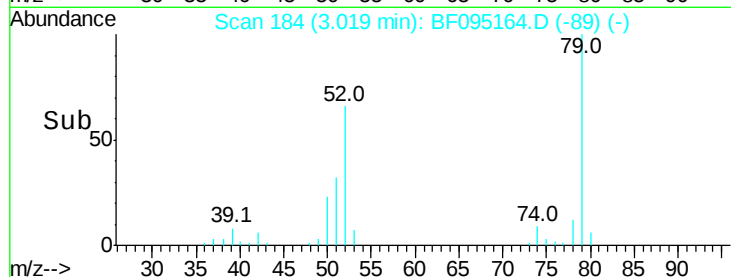
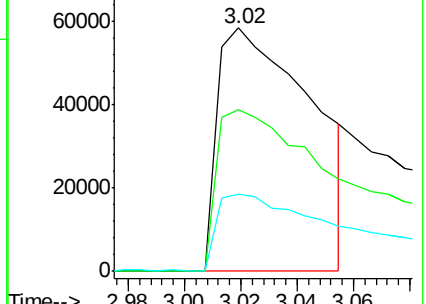
51 31.6 27.0 40.4



Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 52.00 (51.70 to 52.70): BF0

Ion 51.00 (50.70 to 51.70): BF0



#4

n-Nitrosodimethylamine

Concen: 35.88 ng

RT: 2.94 min Scan# 170

Delta R.T. 0.24 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

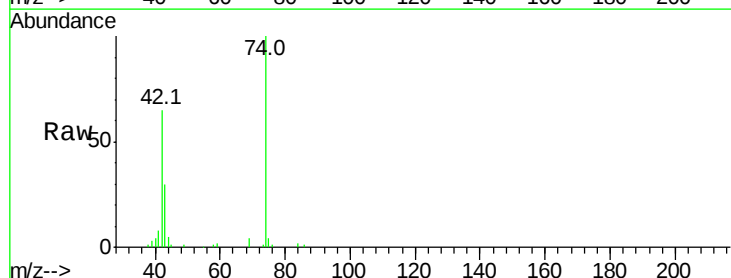
Tgt Ion: 42 Resp: 99421

Ion Ratio Lower Upper

42 100

74 153.4 103.9 155.9

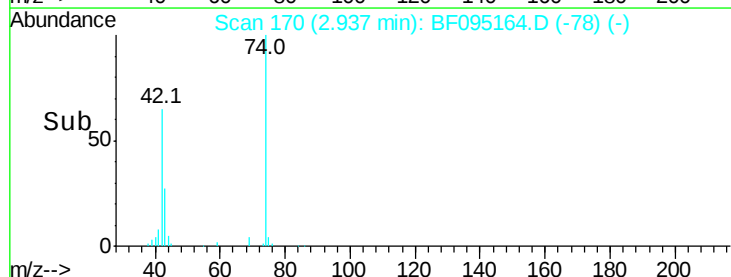
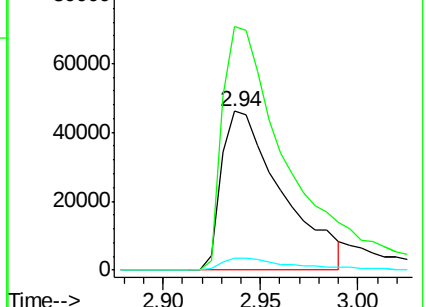
44 7.8 5.7 8.5

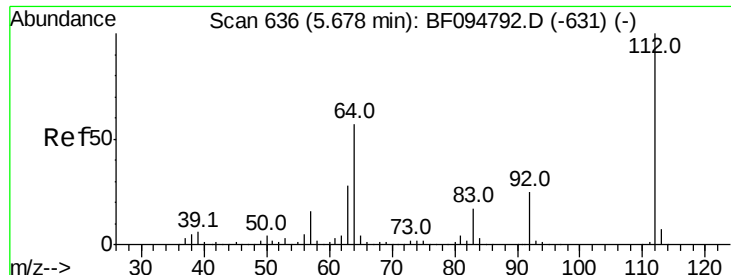


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 159.55 ng

RT: 5.76 min Scan# 650

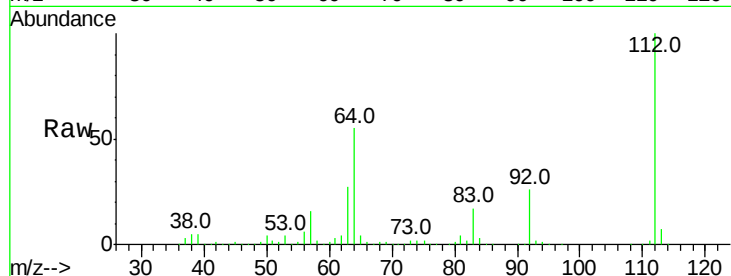
Delta R.T. 0.08 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampleId :

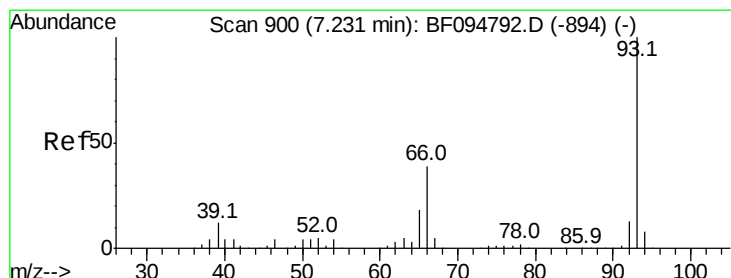
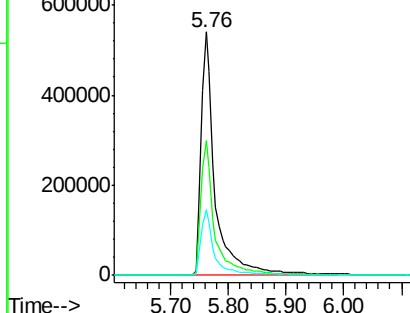
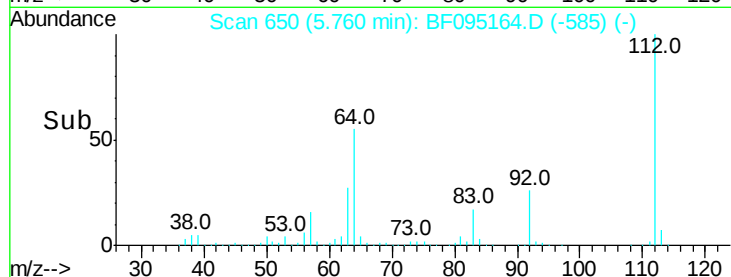
Tot Ion:	112	Resp:	933100
Ion	Ratio	Lower	Upper
112	100		
64	55.5	46.0	69.0
63	27.2	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#6

Aniline

Concen: 32.99 ng

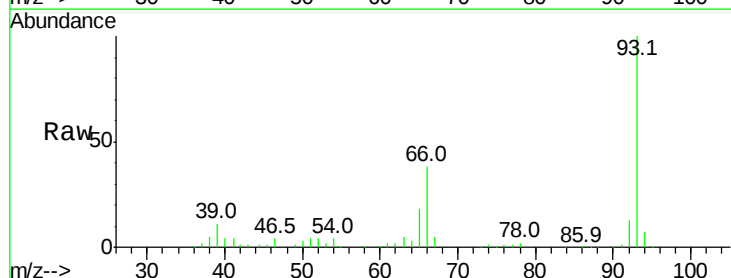
RT: 7.29 min Scan# 910

Delta R.T. 0.06 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

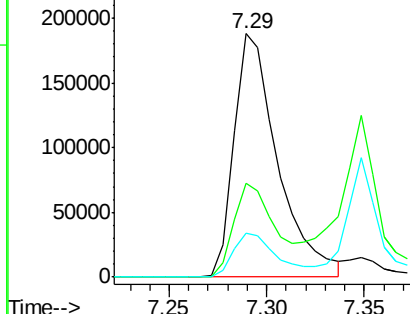
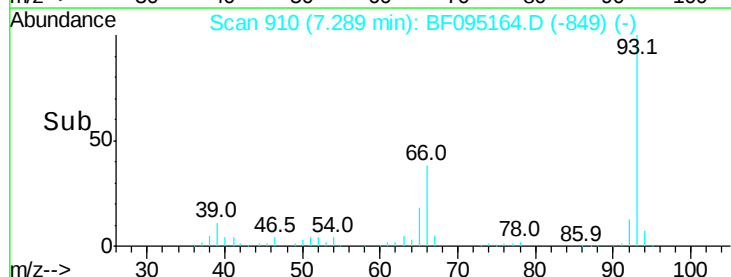
Tgt Ion:	93	Resp:	292243
Ion	Ratio	Lower	Upper
93	100		
66	38.3	32.9	49.3
65	17.9	16.0	24.0

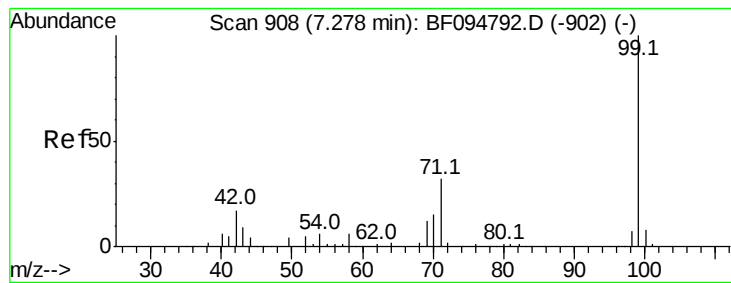


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

Ion 65.00 (64.70 to 65.70): BF0





#7

Phenol-d6

Concen: 156.20 ng

RT: 7.33 min Scan# 917

Delta R.T. 0.05 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

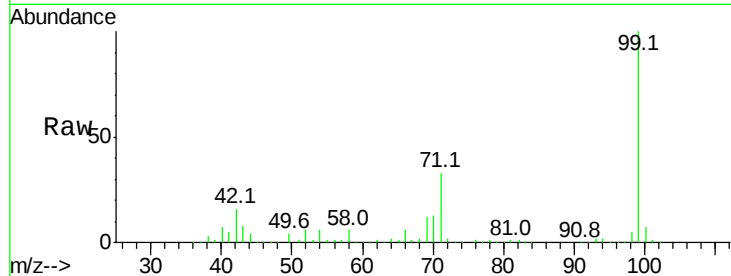
Tot Ion: 99 Resp: 1096042

Ion	Ratio	Lower	Upper
99	100		
42	16.0	13.5	20.3
71	32.7	24.5	36.7

99 100

42 16.0 13.5 20.3

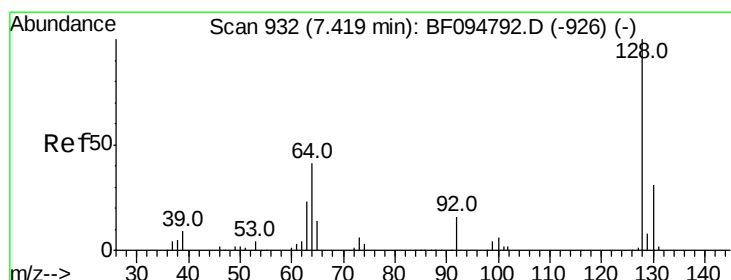
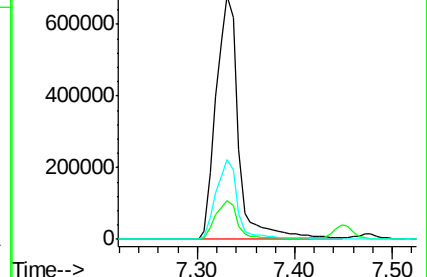
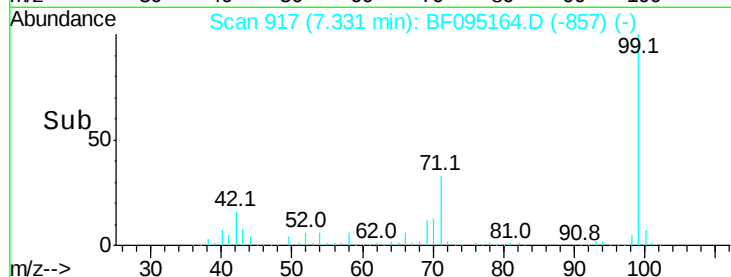
71 32.7 24.5 36.7



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: 52.61 ng

RT: 7.47 min Scan# 941

Delta R.T. 0.05 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

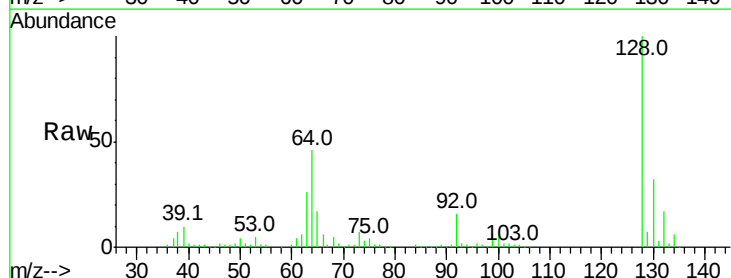
Tgt Ion: 128 Resp: 350211

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.9	52.9
64	46.3	28.4	68.4

128 100

130 32.2 12.9 52.9

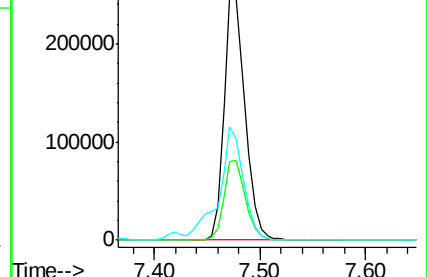
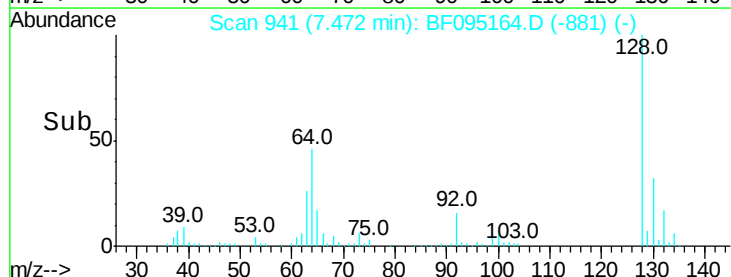
64 46.3 28.4 68.4

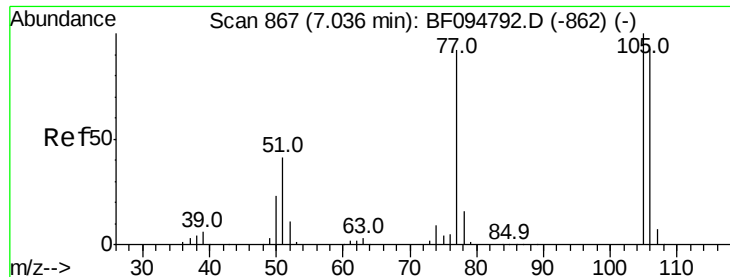


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0

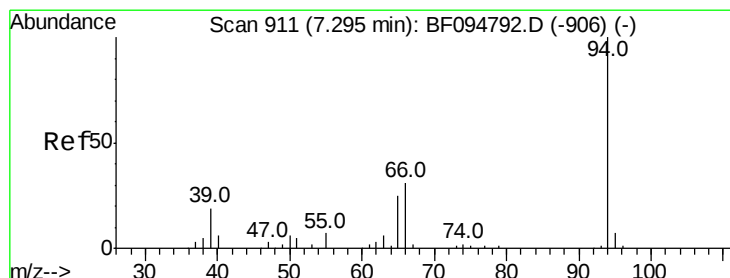
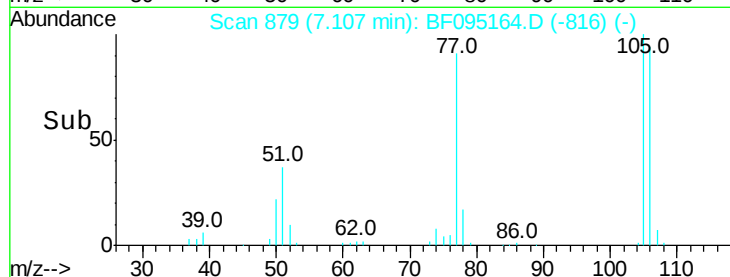
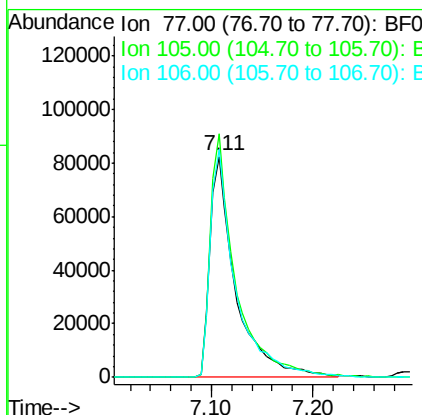
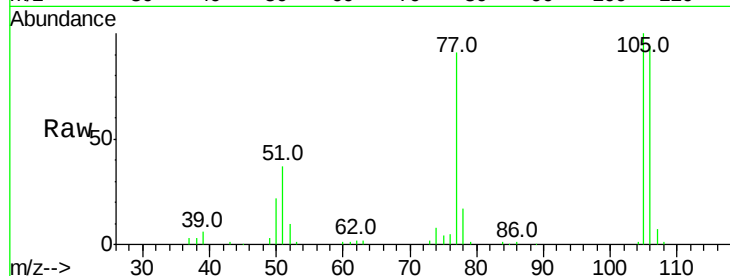




#9
Benzaldehyde
Concen: 34.06 ng
RT: 7.11 min Scan# 879
Delta R.T. 0.07 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

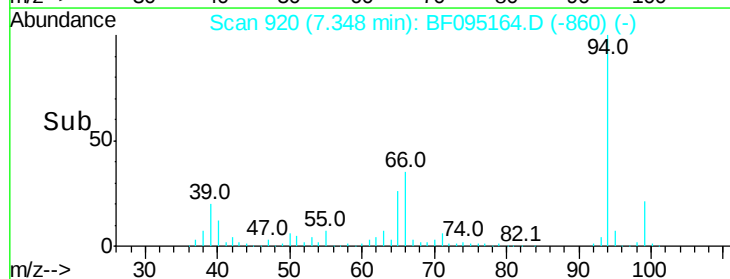
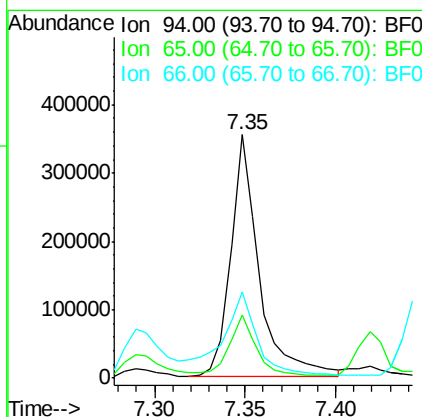
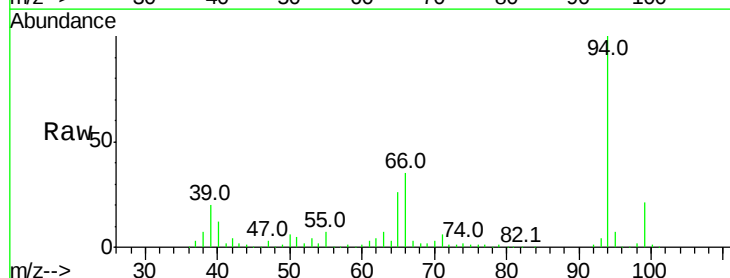
Instrument :
BNA_F
ClientSampleId :

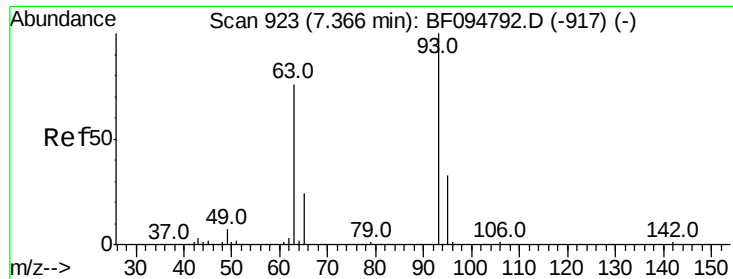
Tot Ion: 77 Resp: 145917
Ion Ratio Lower Upper
77 100
105 110.3 83.8 123.8
106 103.2 79.1 119.1



#10
Phenol
Concen: 52.03 ng
RT: 7.35 min Scan# 920
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion: 94 Resp: 384689
Ion Ratio Lower Upper
94 100
65 25.8 9.9 49.9
66 35.2 23.1 63.1

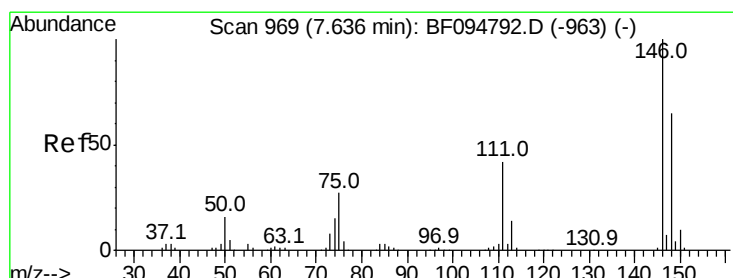
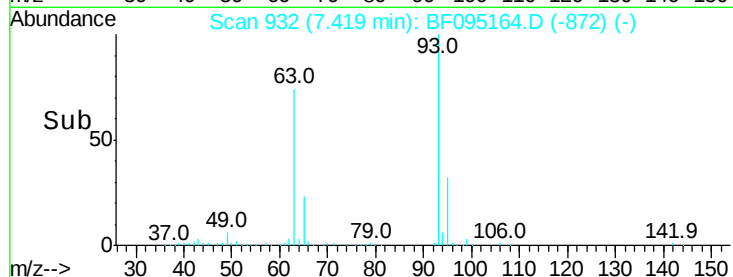
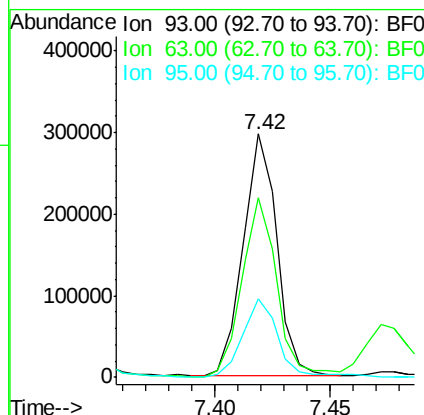
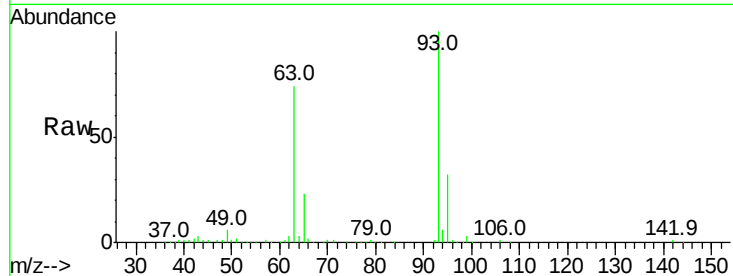




#11
 bis(2-Chloroethyl)ether
 Concen: 49.47 ng
 RT: 7.42 min Scan# 932
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

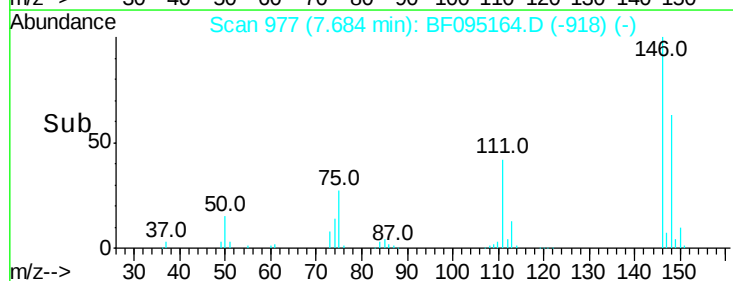
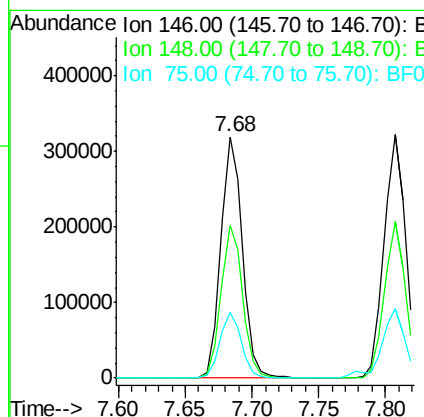
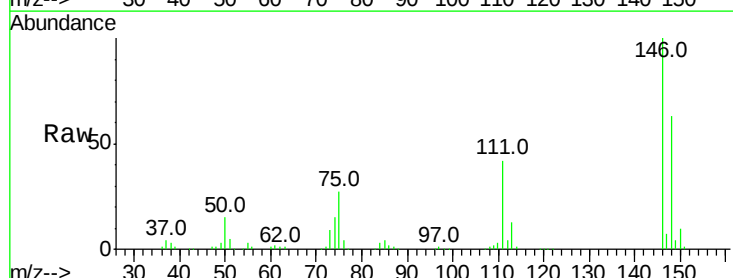
Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	93	Resp:	301984
Ion	Ratio	Lower	Upper
93	100		
63	73.6	59.2	99.2
95	32.1	12.8	52.8



#12
 1,3-Dichlorobenzene
 Concen: 48.61 ng
 RT: 7.68 min Scan# 977
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion:	146	Resp:	367059
Ion	Ratio	Lower	Upper
146	100		
148	63.1	51.8	77.6
75	27.1	23.1	34.7

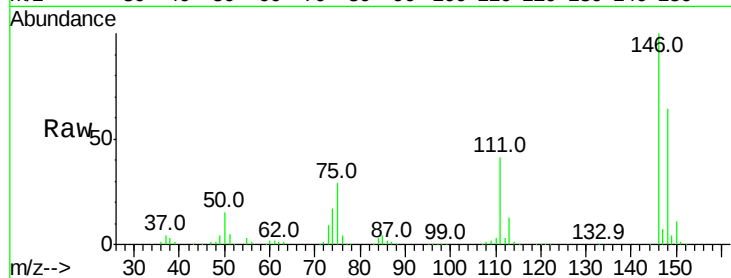




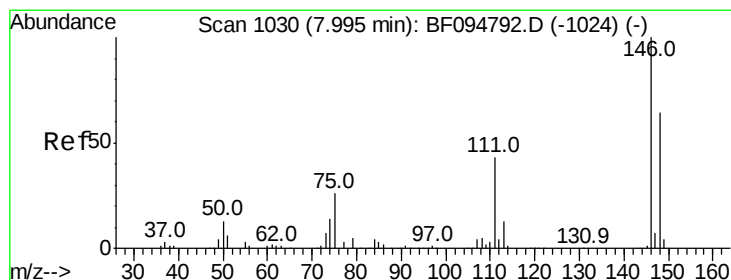
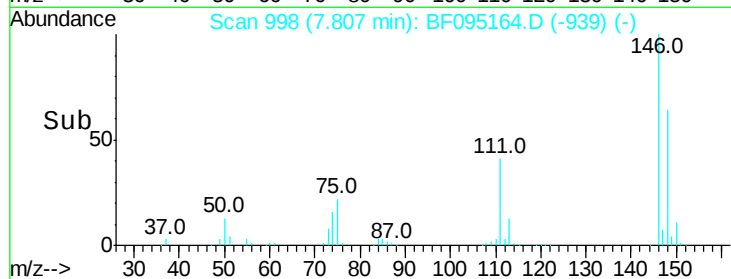
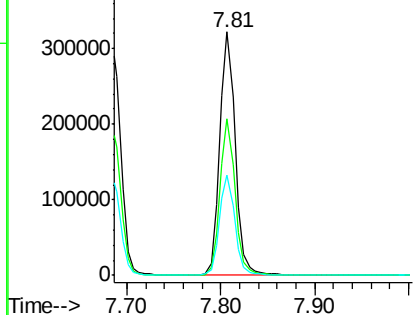
#13
 1,4-Dichlorobenzene
 Concen: 48.93 ng
 RT: 7.81 min Scan# 998
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 374698
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.2 78.2
 111 41.0 30.3 45.5

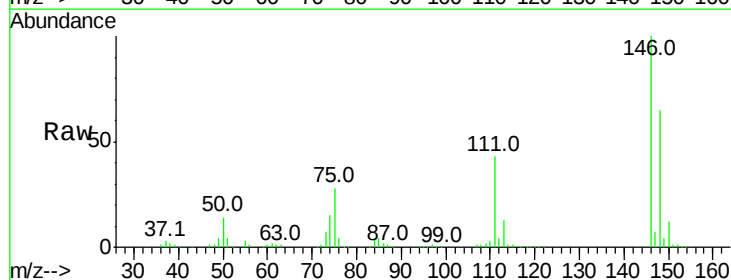


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

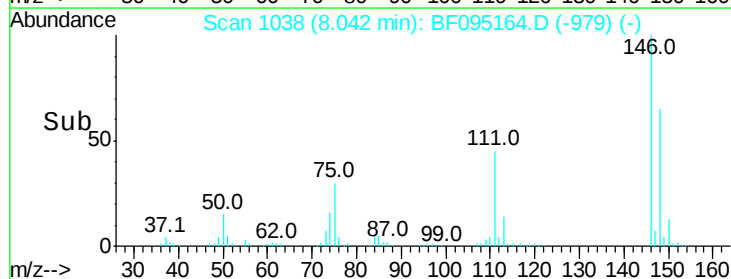
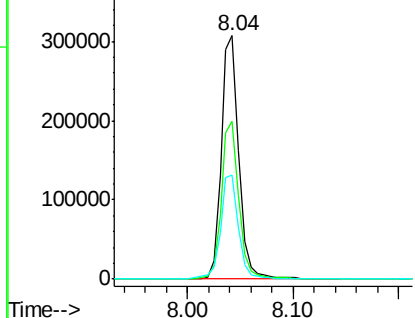


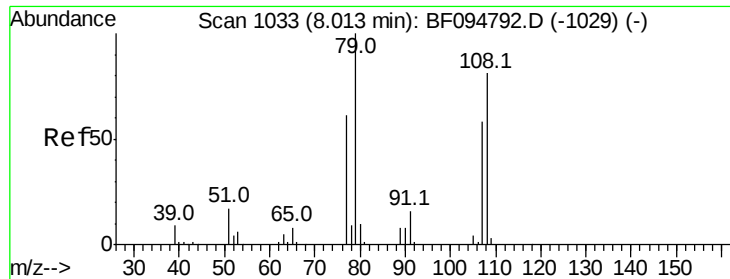
#14
 1,2-Dichlorobenzene
 Concen: 49.64 ng
 RT: 8.04 min Scan# 1038
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion:146 Resp: 354793
 Ion Ratio Lower Upper
 146 100
 148 64.6 50.4 75.6
 111 42.7 38.2 57.4



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

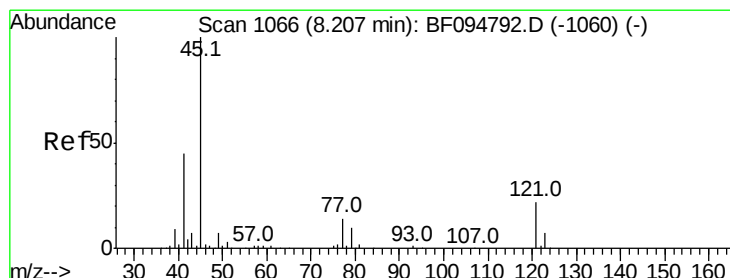
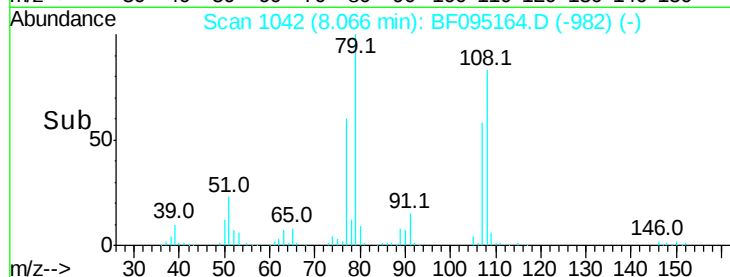
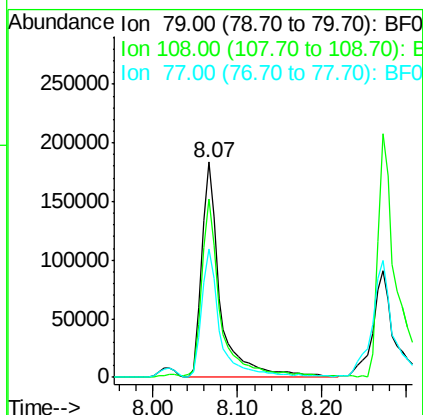
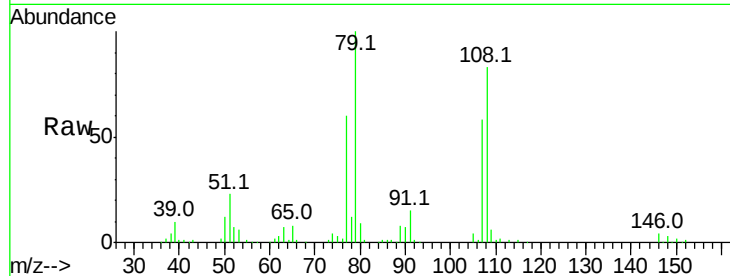




#15
Benzyl Alcohol
Concen: 62.38 ng
RT: 8.07 min Scan# 1042
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

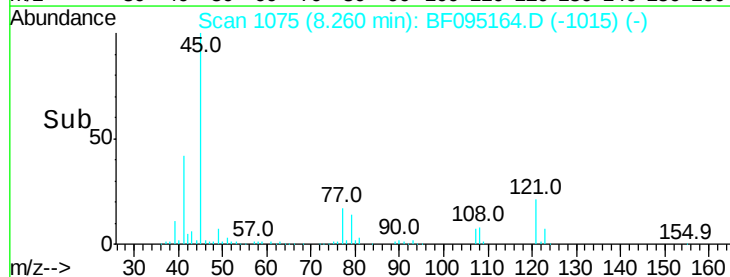
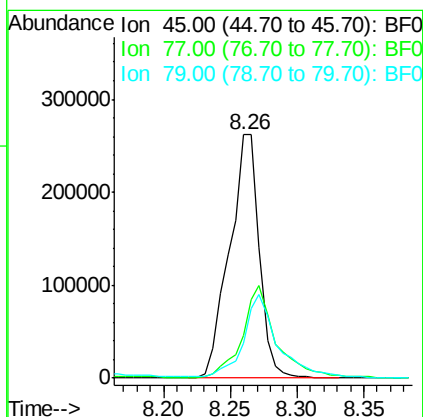
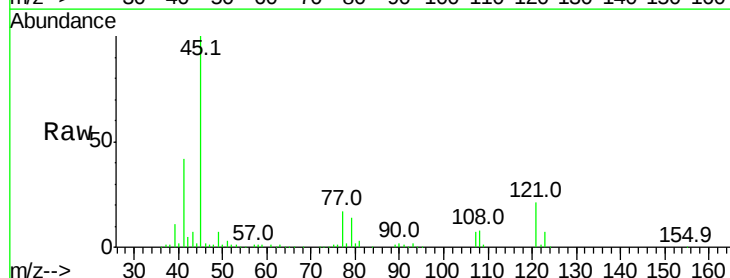
Instrument :
BNA_F
ClientSampleId :

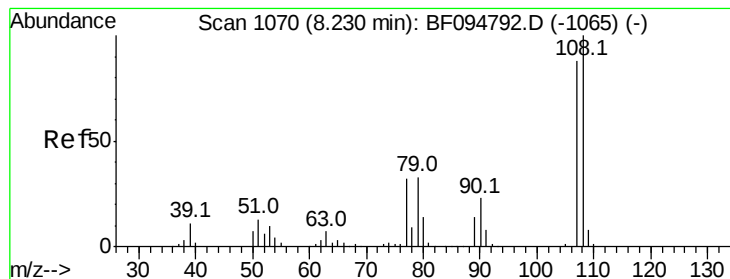
Tot Ion: 79 Resp: 281530
Ion Ratio Lower Upper
79 100
108 83.1 63.4 95.0
77 59.6 49.2 73.8



#16
2,2'-oxybis(1-chloropropane)
Concen: 47.60 ng
RT: 8.26 min Scan# 1075
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion: 45 Resp: 411268
Ion Ratio Lower Upper
45 100
77 17.4 0.0 33.2
79 14.5 0.0 30.0





#17

2-Methylphenol

Concen: 51.18 ng

RT: 8.27 min Scan# 1077

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 278798

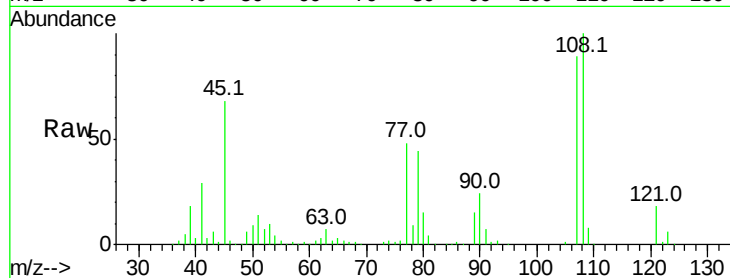
Ion Ratio Lower Upper

107 100

108 112.7 93.4 140.0

77 54.3 35.8 53.6#

79 49.1 34.8 52.2

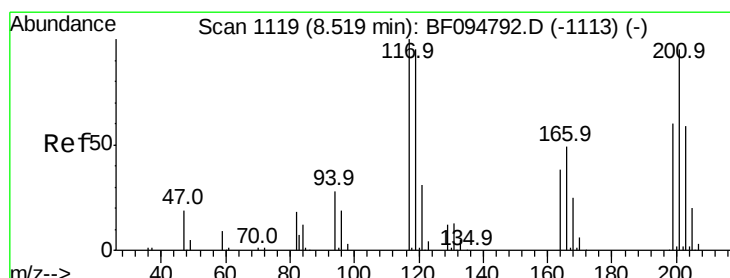
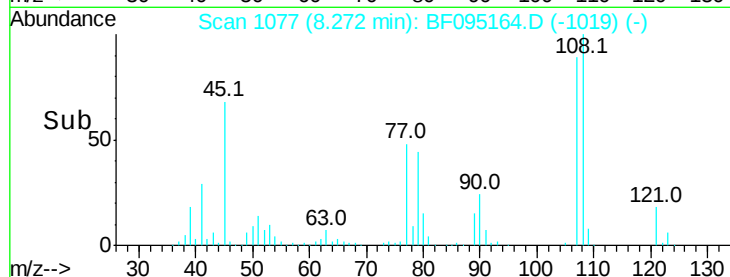
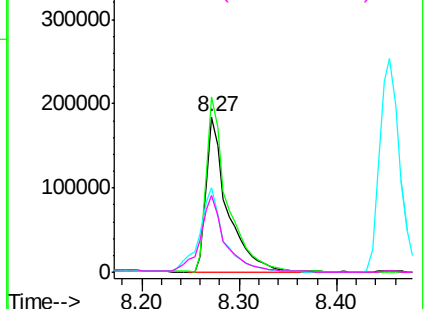


Abundance Ion 107.00 (106.70 to 107.70): E

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: 48.15 ng

RT: 8.55 min Scan# 1125

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

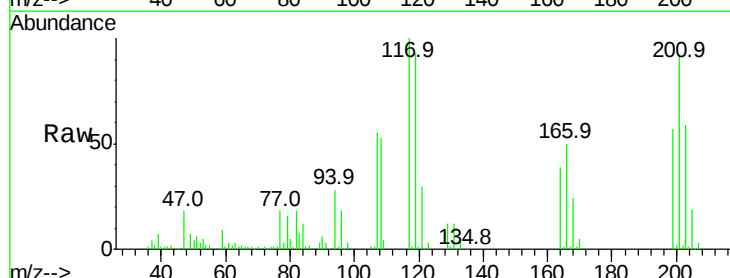
Tgt Ion:117 Resp: 124912

Ion Ratio Lower Upper

117 100

119 92.9 77.4 116.0

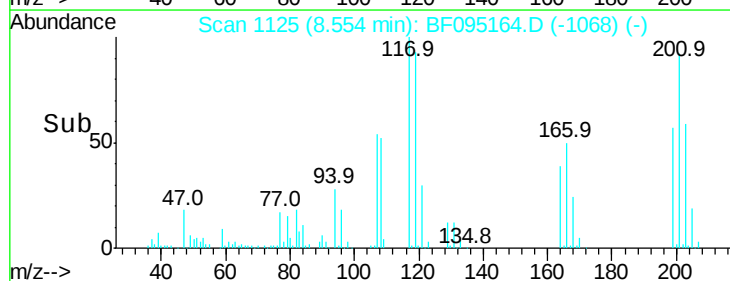
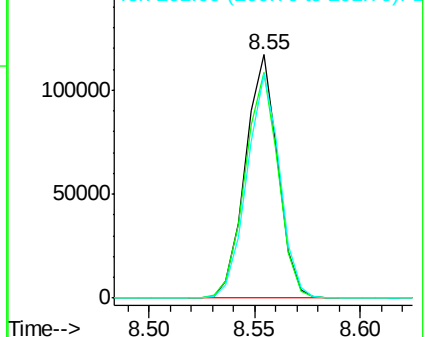
201 92.0 94.6 141.8#

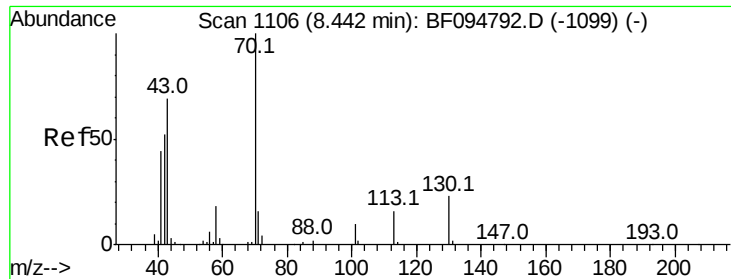


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

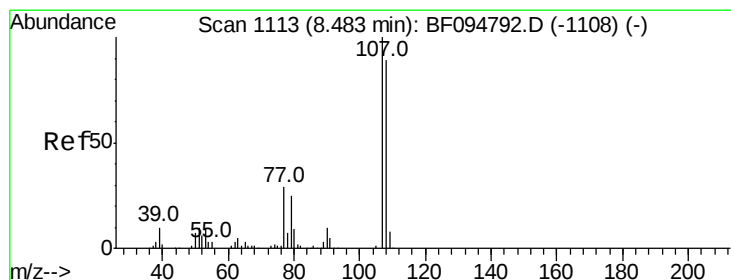
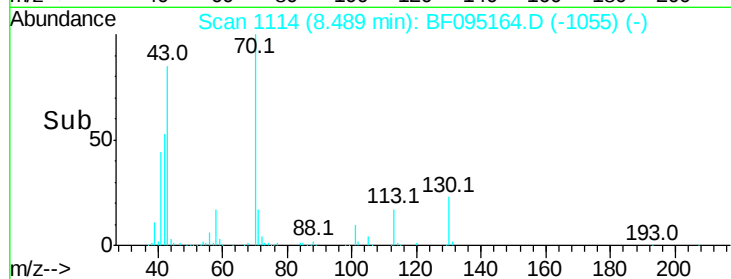
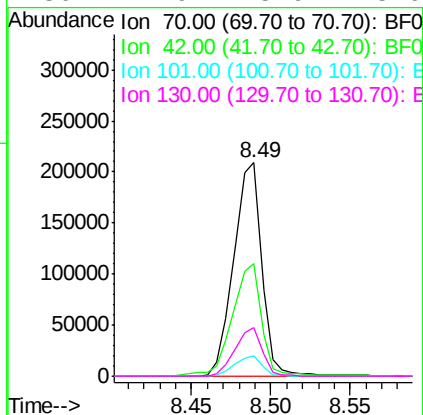
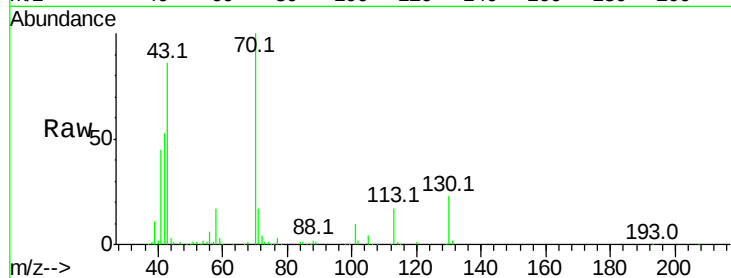




#19
n-Nitroso-di-n-propylamine
Concen: 54.12 ng
RT: 8.49 min Scan# 1114
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

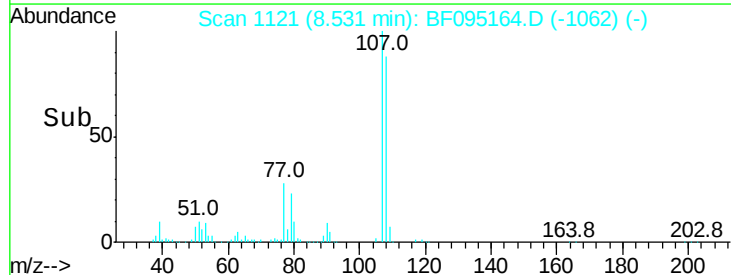
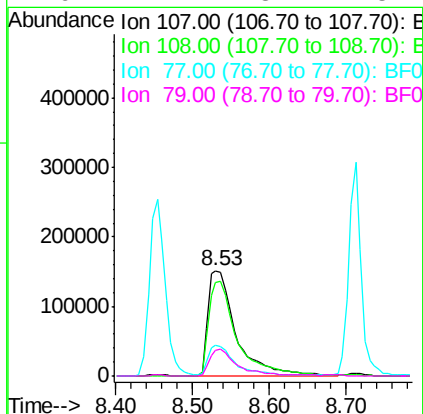
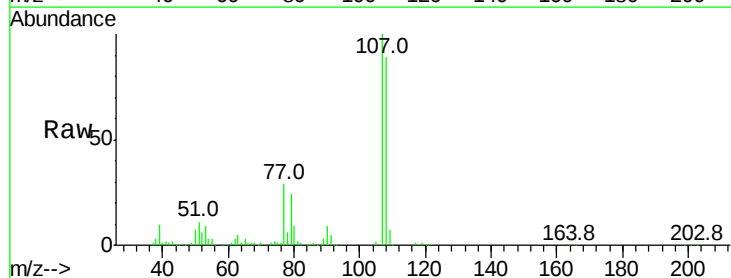
Instrument :
BNA_F
ClientSampleId :

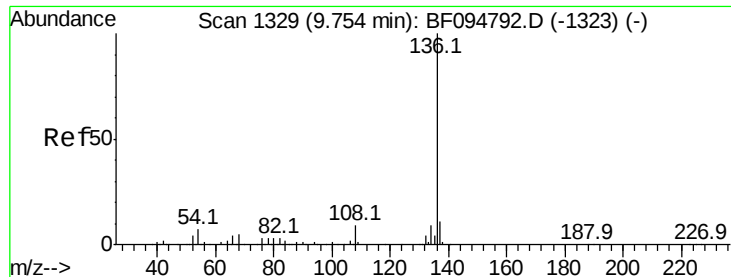
Tot Ion: 70 Resp: 256858
Ion Ratio Lower Upper
70 100
42 52.8 47.2 70.8
101 9.9 7.2 10.8
130 22.9 15.9 23.9



#20
3+4-Methylphenols
Concen: 51.79 ng
RT: 8.53 min Scan# 1121
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion: 107 Resp: 383361
Ion Ratio Lower Upper
107 100
108 88.8 71.0 111.0
77 28.9 90.5 130.5#
79 24.2 8.4 48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.79 min Scan# 1335

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:136 Resp: 413373

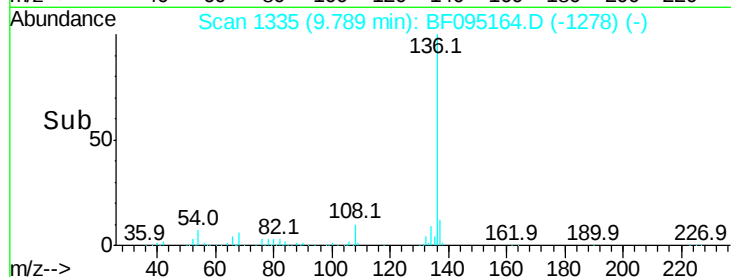
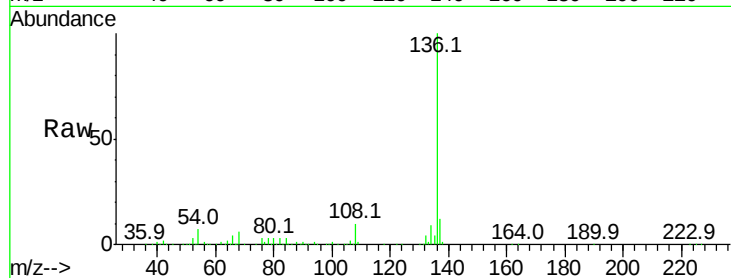
Ion Ratio Lower Upper

136 100

137 11.6 8.5 12.7

54 7.2 4.9 7.3

68 5.9 4.1 6.1

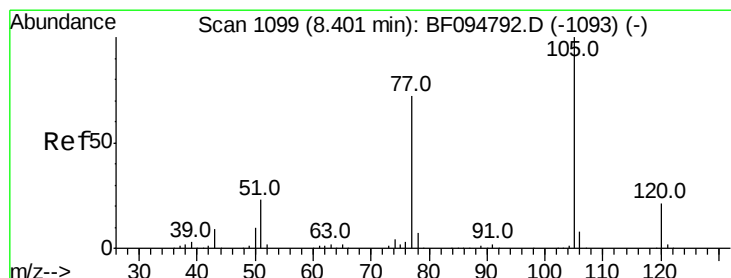
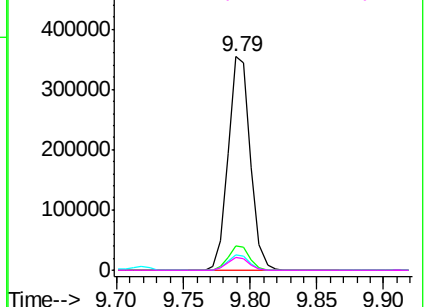


Abundance Ion 136.00 (135.70 to 136.70): E

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: 51.25 ng

RT: 8.45 min Scan# 1108

Delta R.T. 0.05 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Tgt Ion:105 Resp: 508302

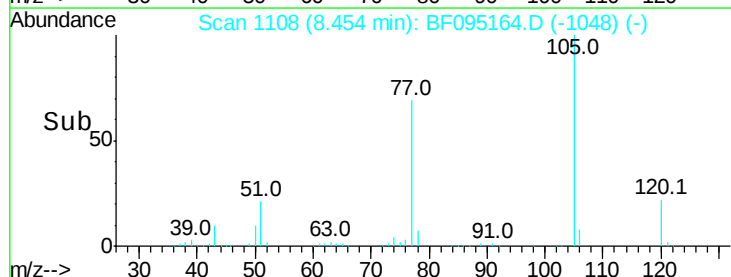
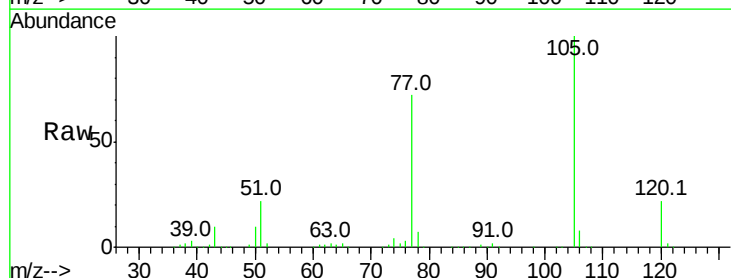
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 22.4 30.7 46.1#

120 21.7 17.4 26.0

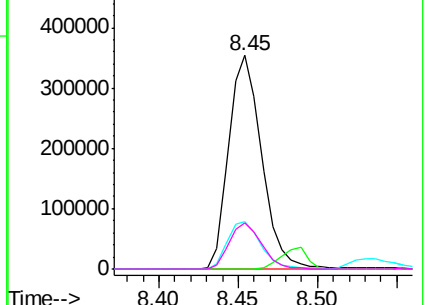


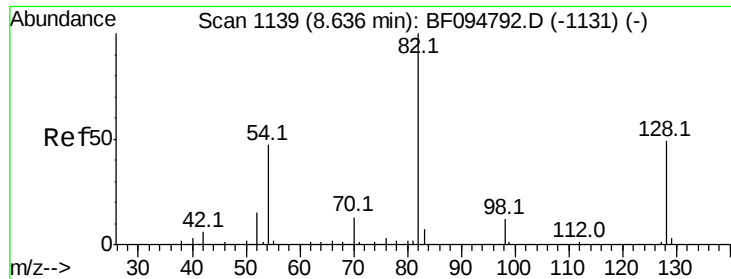
Abundance Ion 105.00 (104.70 to 105.70): E

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

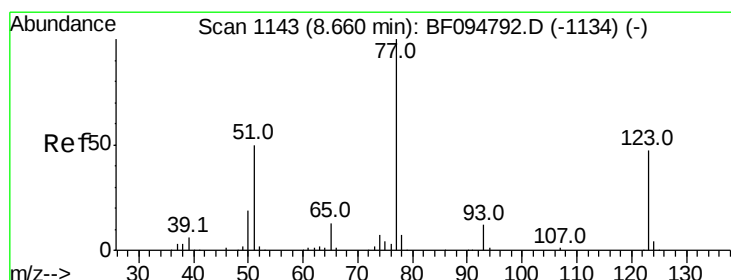
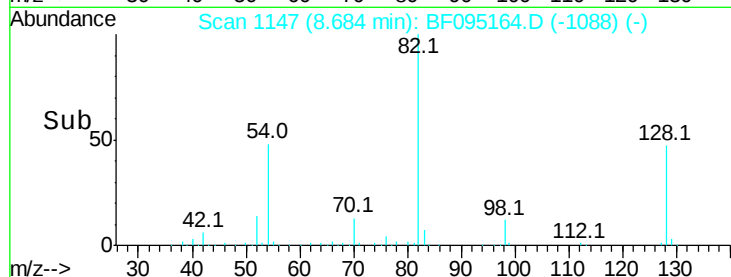
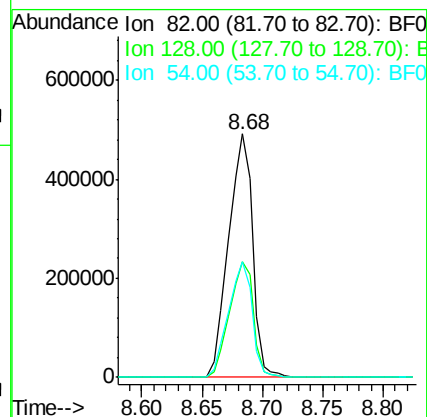
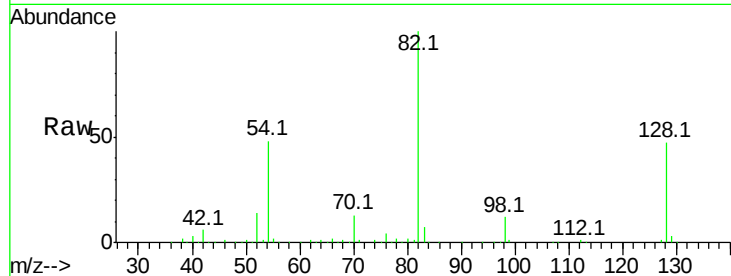




#23
Nitrobenzene-d5
Concen: 103.29 ng
RT: 8.68 min Scan# 1147
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

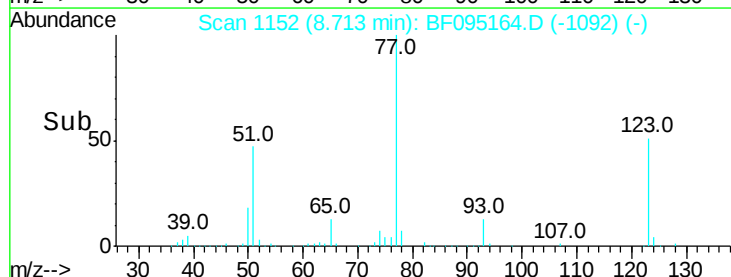
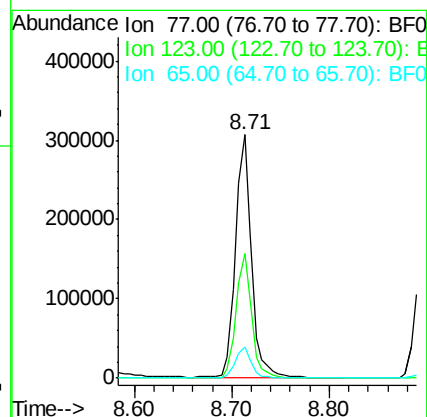
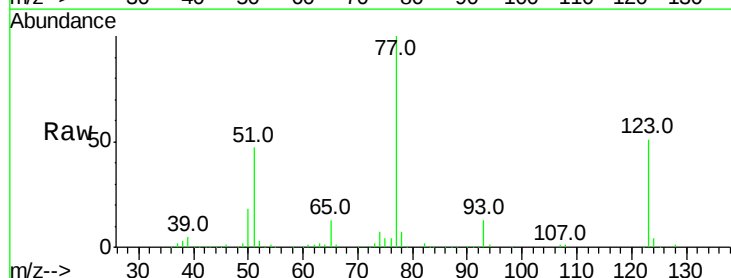
Instrument :
BNA_F
ClientSampleId :

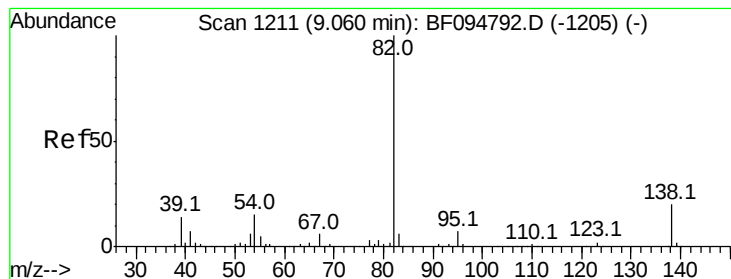
Tot Ion: 82 Resp: 677104
Ion Ratio Lower Upper
82 100
128 47.4 34.0 51.0
54 47.7 42.2 63.2



#24
Nitrobenzene
Concen: 50.81 ng
RT: 8.71 min Scan# 1152
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion: 77 Resp: 349146
Ion Ratio Lower Upper
77 100
123 51.0 35.8 53.8
65 12.9 10.6 15.8





#25

Isophorone

Concen: 54.02 ng

RT: 9.11 min Scan# 1219

Delta R.T. 0.05 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

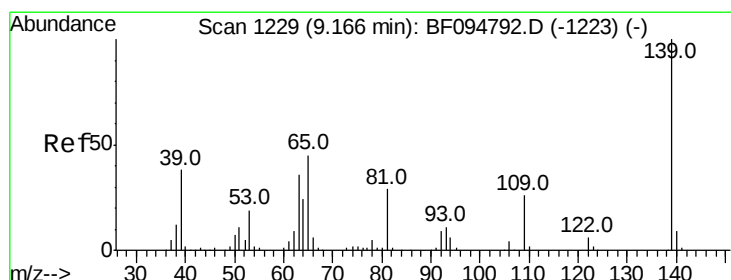
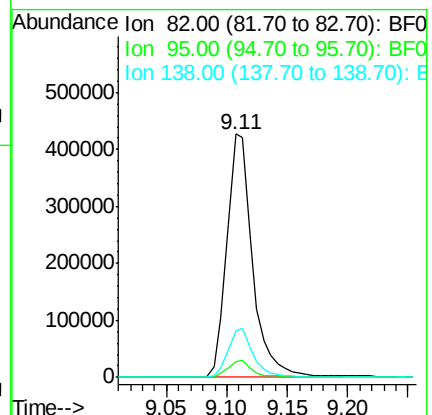
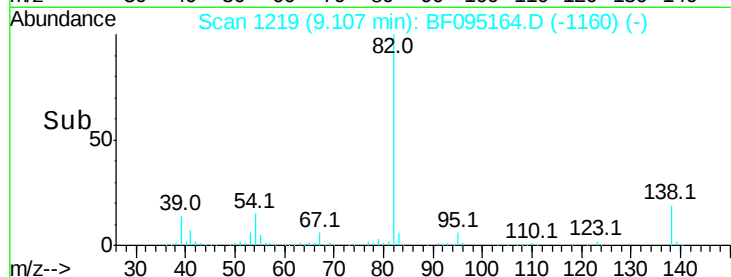
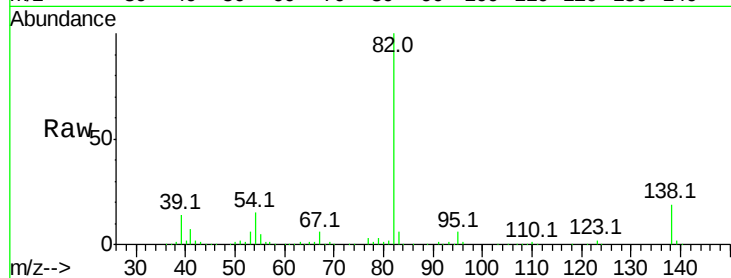
Tot Ion: 82 Resp: 632351

Ion Ratio Lower Upper

82 100

95 6.4 5.3 7.9

138 19.1 13.1 19.7



#26

2-Nitrophenol

Concen: 54.03 ng

RT: 9.21 min Scan# 1237

Delta R.T. 0.05 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

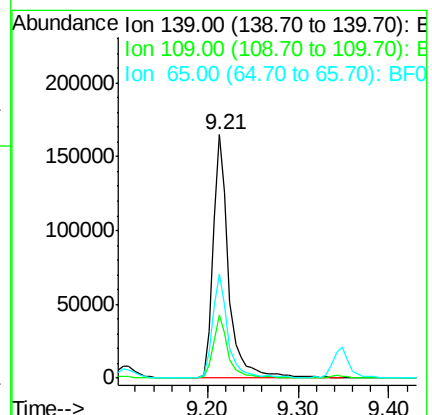
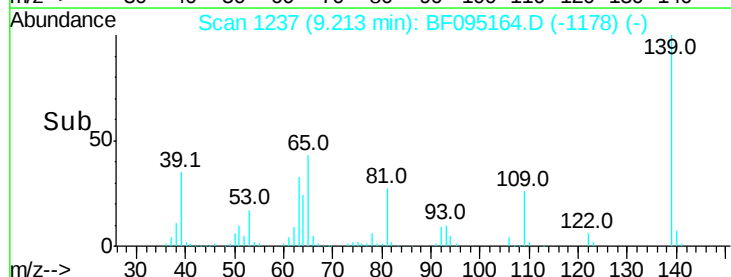
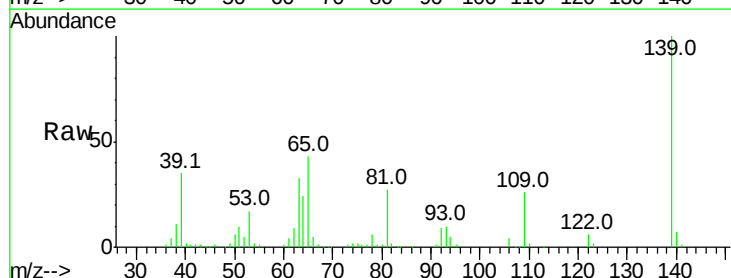
Tgt Ion:139 Resp: 200343

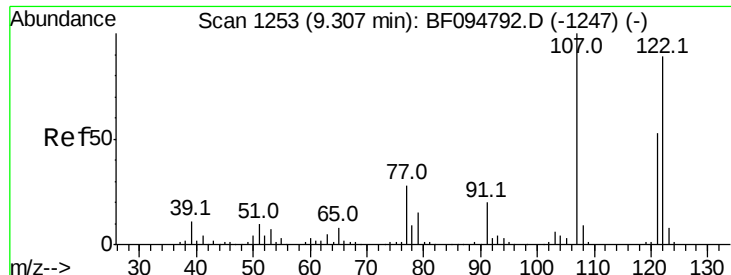
Ion Ratio Lower Upper

139 100

109 25.9 21.0 31.6

65 42.6 33.0 49.6

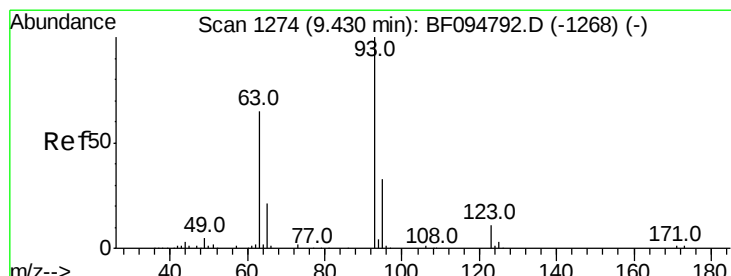
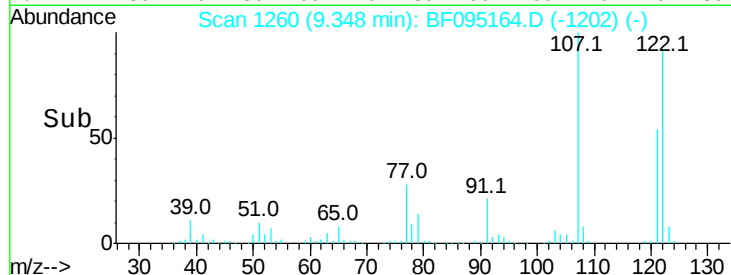
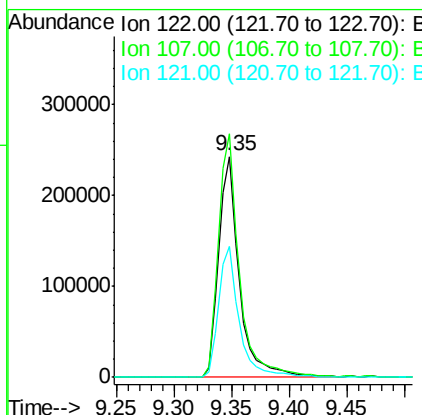
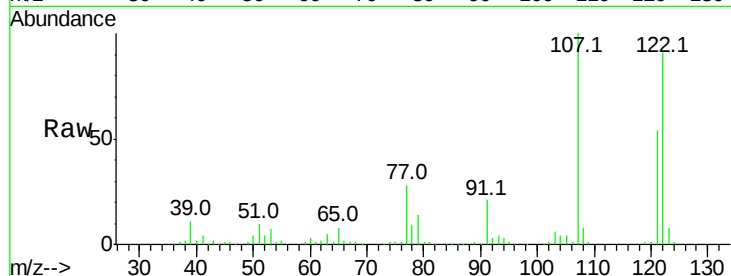




#27
 2,4-Dimethylphenol
 Concen: 50.70 ng
 RT: 9.35 min Scan# 1260
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

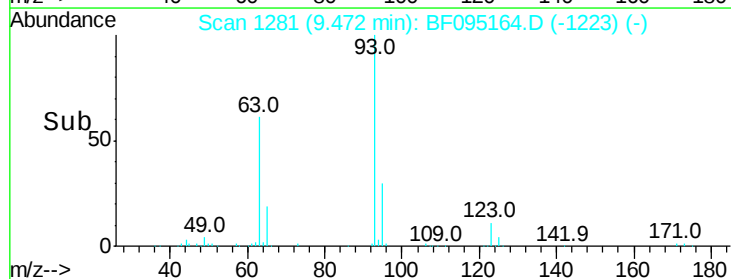
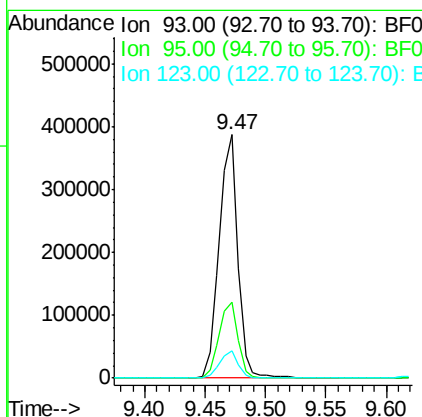
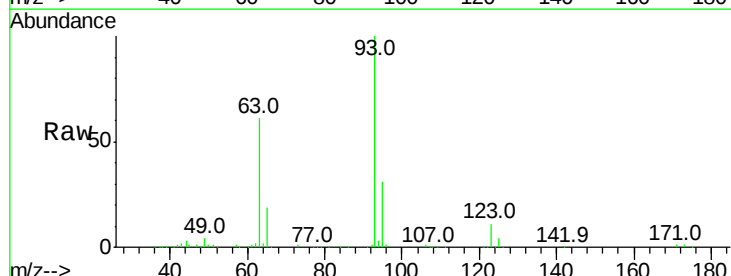
Instrument :
 BNA_F
 ClientSampleId :

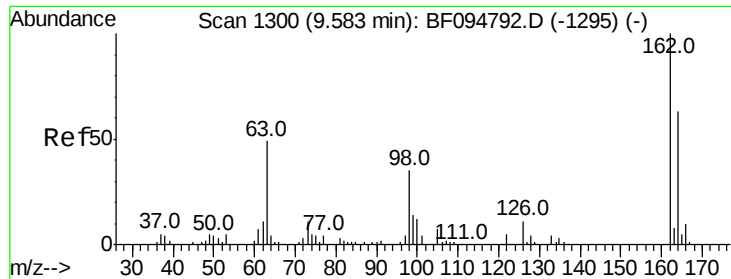
Tot Ion	Ratio	Lower	Upper
122	100		
107	110.3	89.2	133.8
121	59.1	45.2	67.8



#28
 bis(2-Chloroethoxy)methane
 Concen: 50.93 ng
 RT: 9.47 min Scan# 1281
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.4	26.5	39.7
123	11.2	9.0	13.4

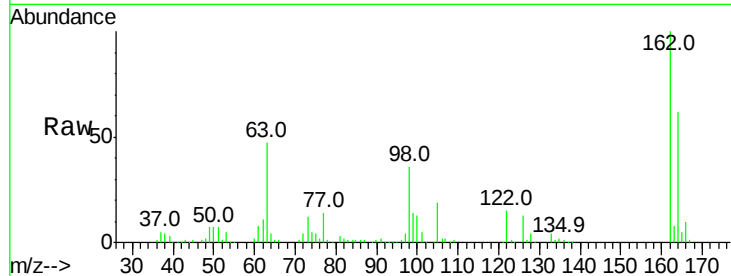




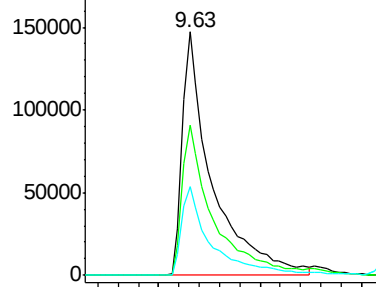
#29
 2,4-Dichlorophenol
 Concen: 53.31 ng
 RT: 9.63 min Scan# 1308
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampled :

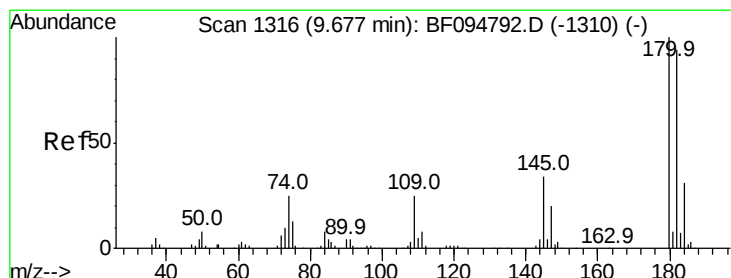
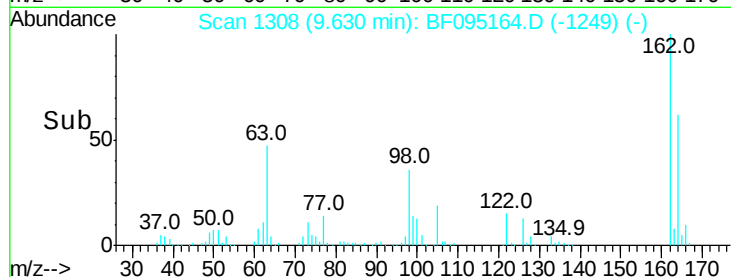
Tot Ion	Ratio	Lower	Upper
162	100		
164	61.8	44.6	84.6
98	36.3	14.8	54.8



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

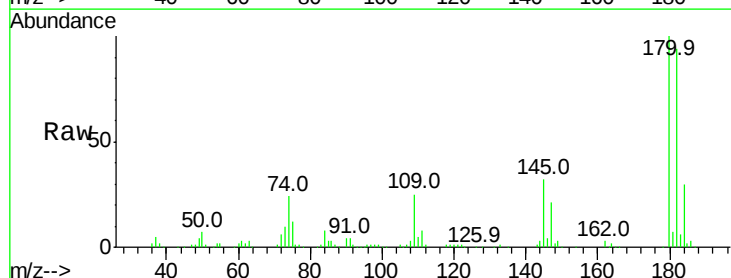


Time-->

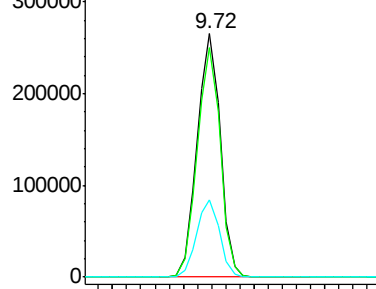


#30
 1,2,4-Trichlorobenzene
 Concen: 49.79 ng
 RT: 9.72 min Scan# 1323
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

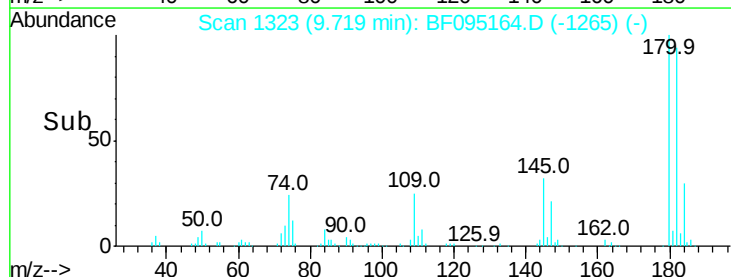
Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.4	75.8	113.6
145	31.9	25.3	37.9

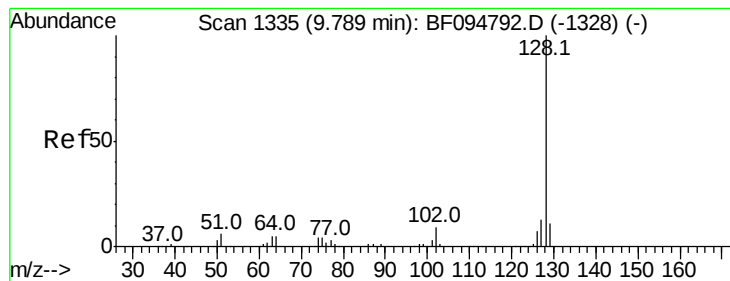


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E



Time-->





#31

Naphthalene

Concen: 49.40 ng

RT: 9.82 min Scan# 1341

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampled :

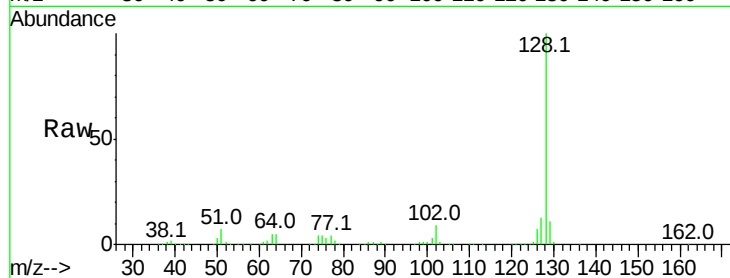
Tot Ion:128 Resp: 1026326

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

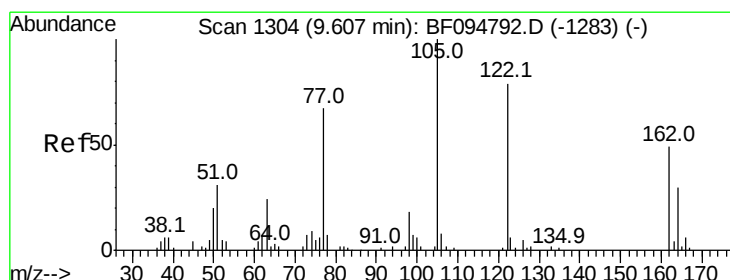
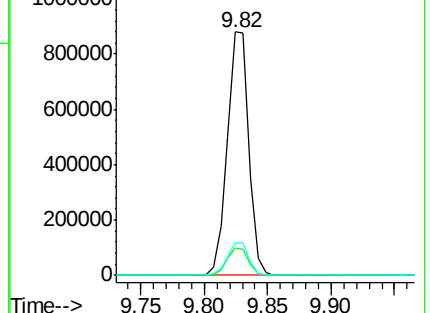
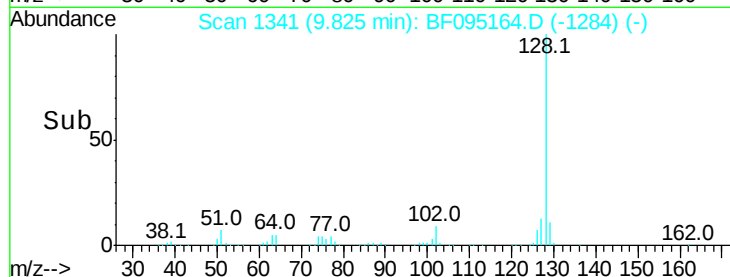
127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 20.43 ng

RT: 9.62 min Scan# 1307

Delta R.T. 0.02 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

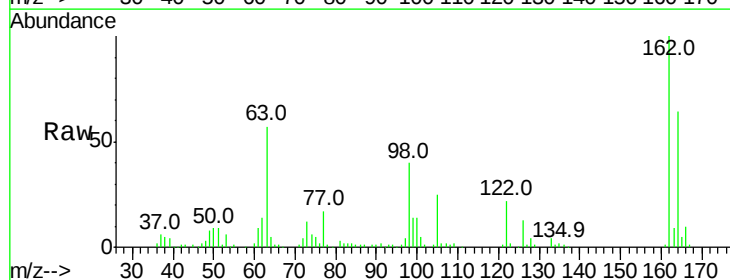
Tgt Ion:122 Resp: 67578

Ion Ratio Lower Upper

122 100

105 113.5 103.3 143.3

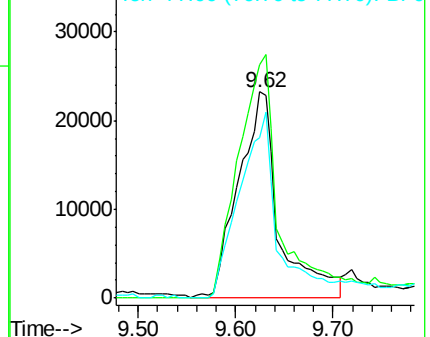
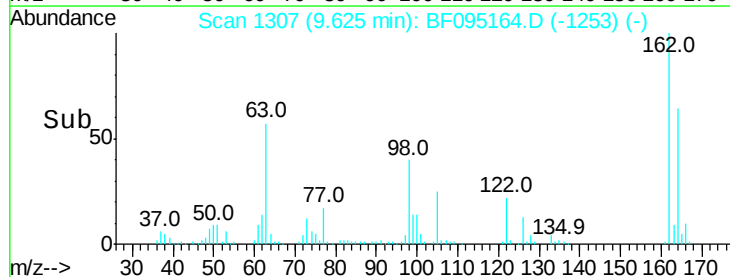
77 77.9 73.7 113.7

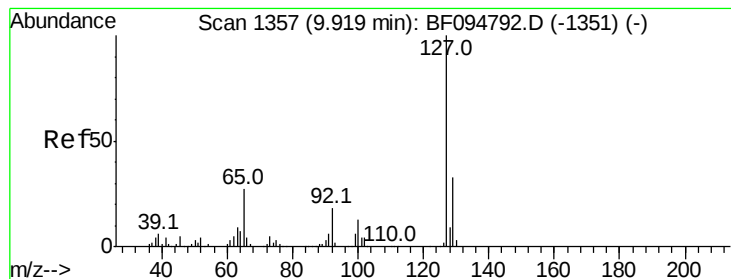


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0





#33

4-Chloroaniline

Concen: 9.09 ng

RT: 10.00 min Scan# 1370

Delta R.T. 0.08 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:127 Resp: 70403

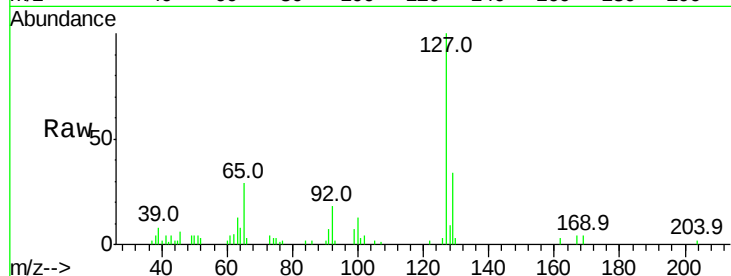
Ion Ratio Lower Upper

127 100

129 33.9 26.2 39.2

65 29.3 27.8 41.8

92 18.3 16.8 25.2

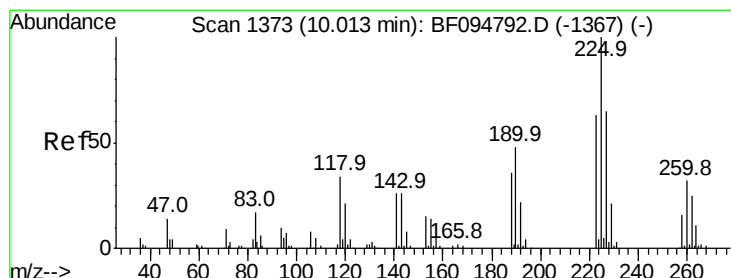
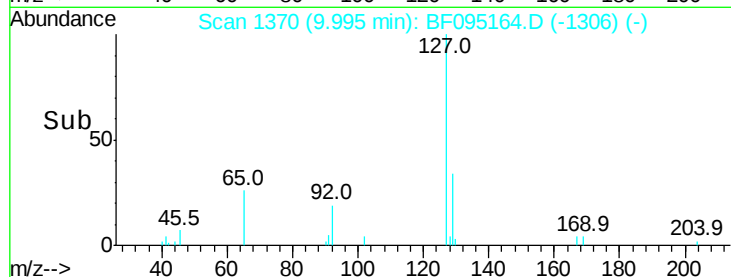
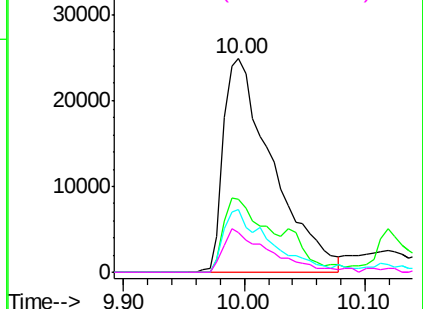


Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF0

Ion 92.00 (91.70 to 92.70): BF0



#34

Hexachlorobutadiene

Concen: 46.02 ng

RT: 10.04 min Scan# 1378

Delta R.T. 0.03 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

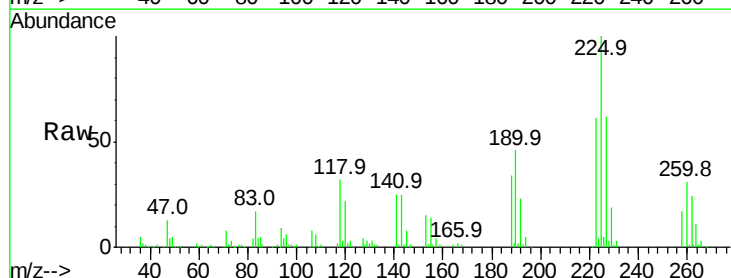
Tgt Ion:225 Resp: 147261

Ion Ratio Lower Upper

225 100

223 61.4 48.8 73.2

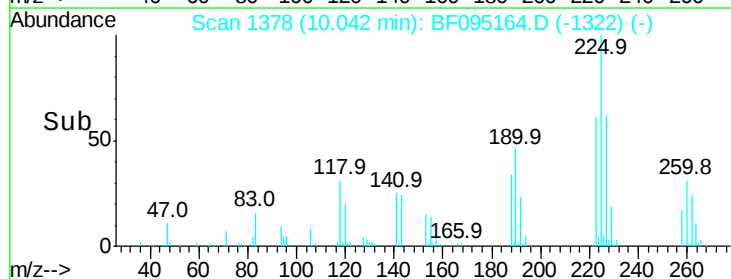
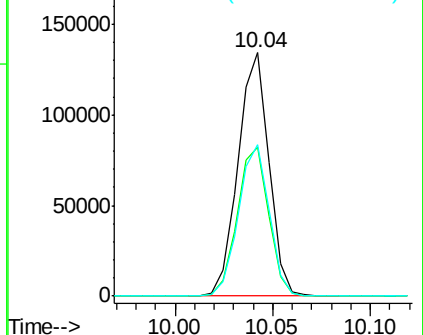
227 62.3 51.1 76.7



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





#35

Caprolactam

Concen: 27.82 ng

RT: 10.61 min Scan# 1475

Delta R.T. 0.08 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampled :

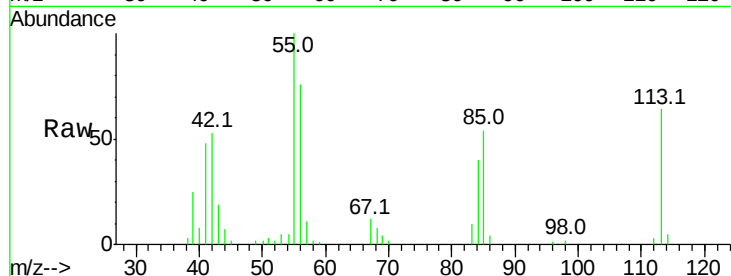
Tot Ion:113 Resp: 47282

Ion Ratio Lower Upper

113 100

55 157.0 150.2 190.2

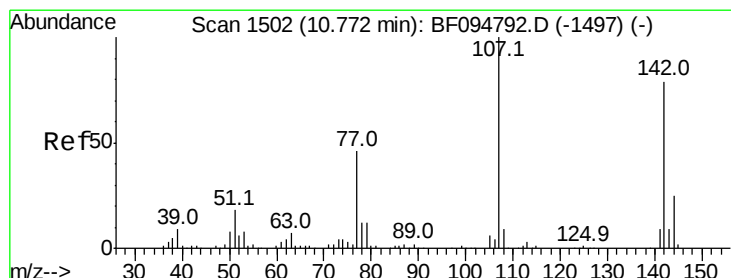
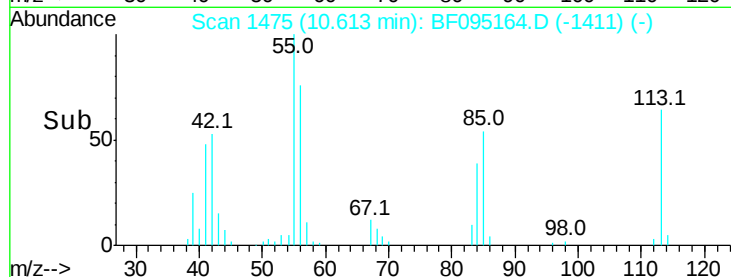
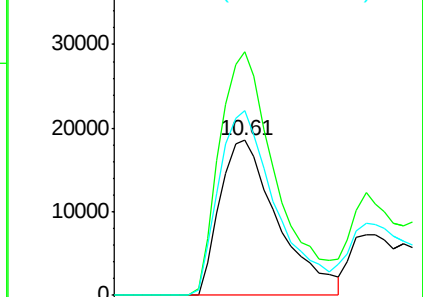
56 119.3 107.8 147.8



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: 54.46 ng

RT: 10.82 min Scan# 1511

Delta R.T. 0.05 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

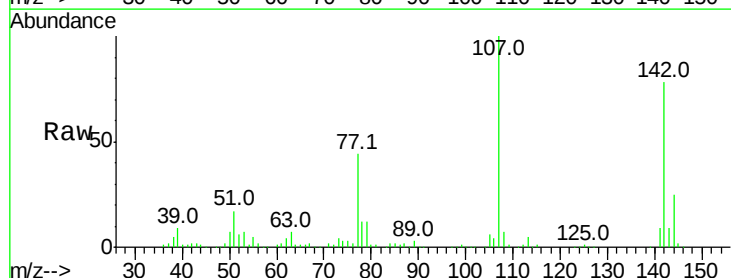
Tgt Ion:107 Resp: 329580

Ion Ratio Lower Upper

107 100

144 25.4 24.2 36.4

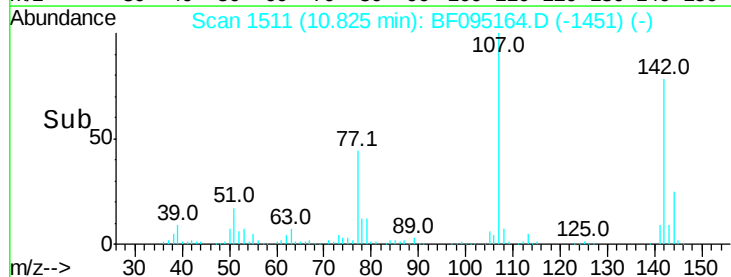
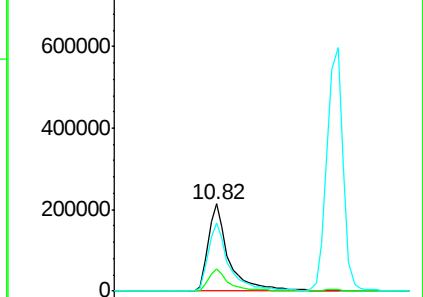
142 77.9 73.4 110.0

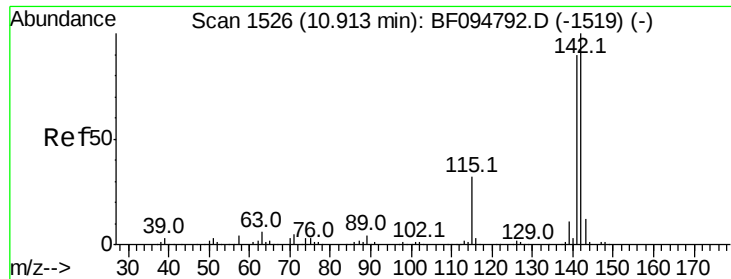


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

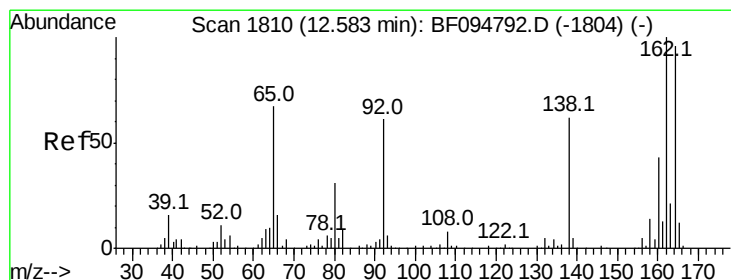
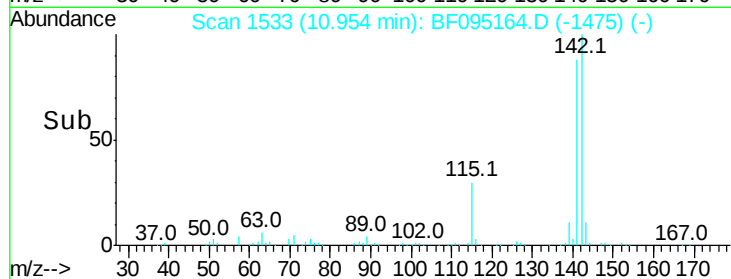
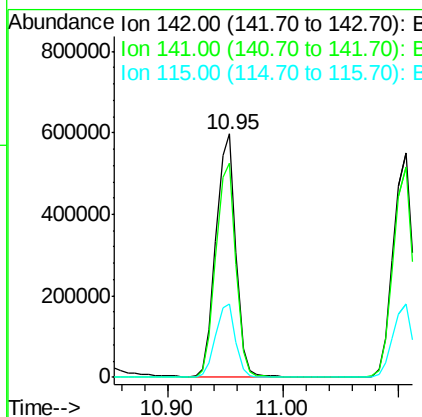
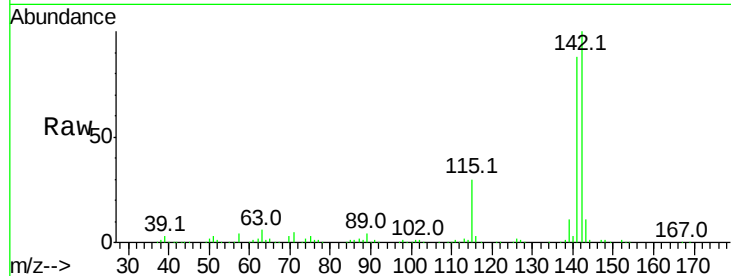




#37
 2-Methylnaphthalene
 Concen: 52.58 ng
 RT: 10.95 min Scan# 1533
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

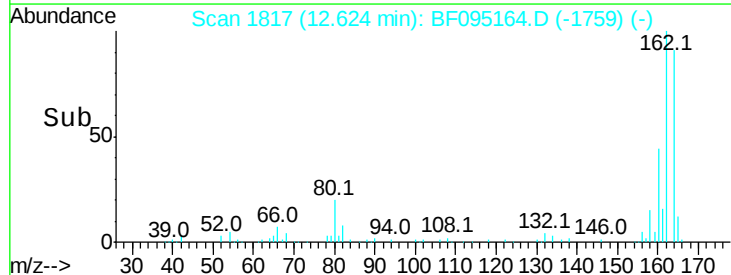
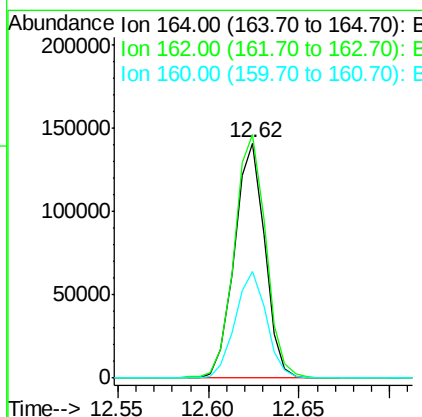
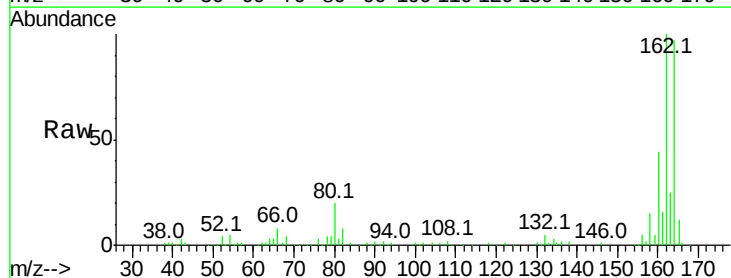
Instrument :
 BNA_F
 ClientSampleId :

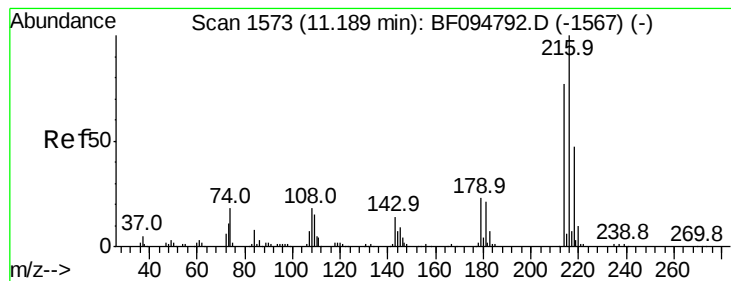
Tot Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.3	106.9
115	30.4	27.1	40.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.62 min Scan# 1817
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	45.1	36.2	54.2





#39

1,2,4,5-Tetrachlorobenzene

Concen: 53.04 ng

RT: 11.23 min Scan# 1580

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:216 Resp: 268176

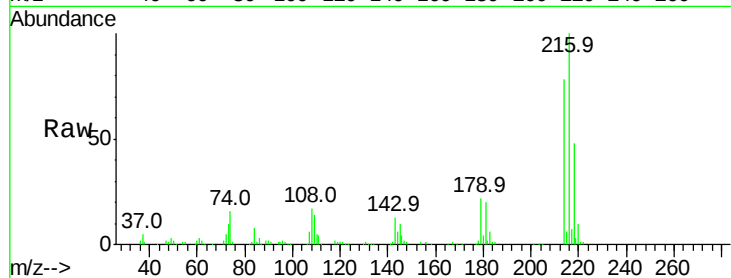
Ion Ratio Lower Upper

216 100

214 80.2 63.4 95.2

179 22.8 17.9 26.9

108 19.9 16.5 24.7

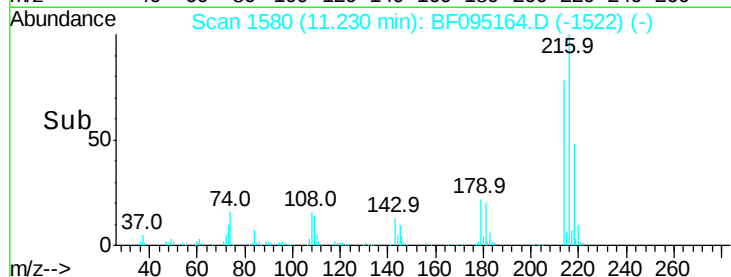


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



Time-->



#40

Hexachlorocyclopentadiene

Concen: 86.61 ng

RT: 11.21 min Scan# 1576

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

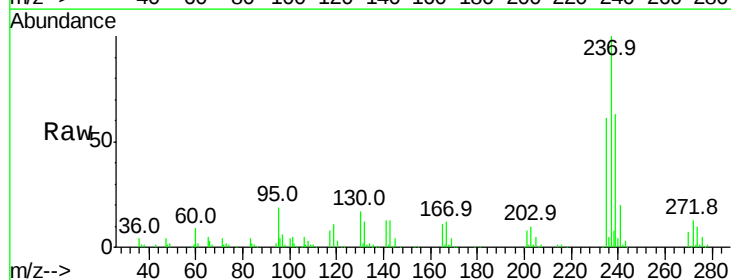
Tgt Ion:237 Resp: 185238

Ion Ratio Lower Upper

237 100

235 61.1 42.6 82.6

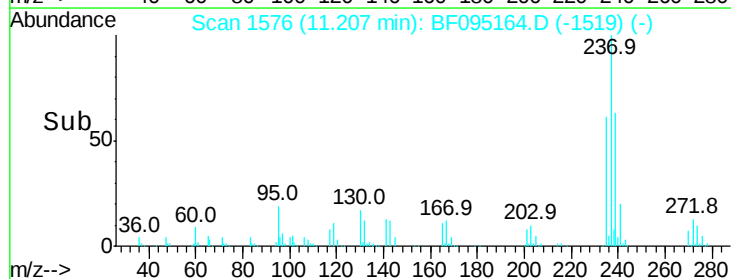
272 12.7 0.0 31.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



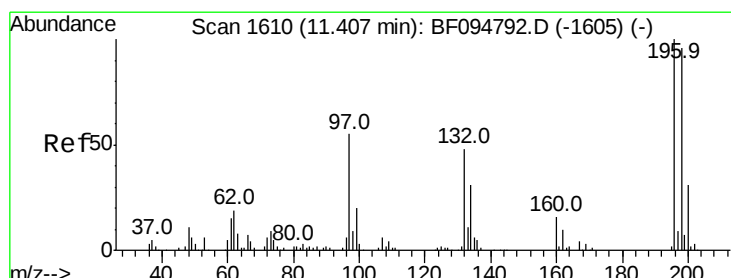
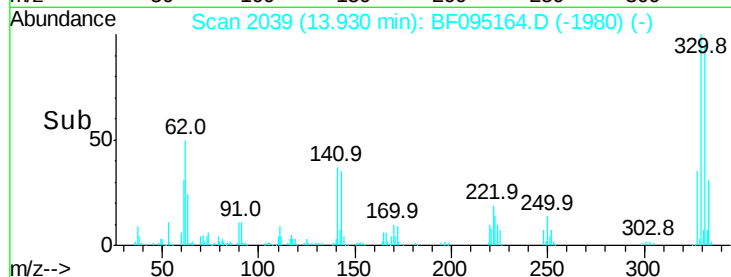
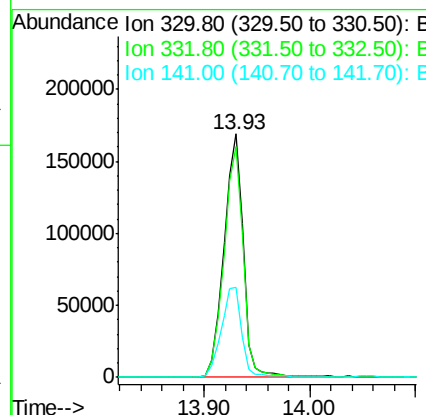
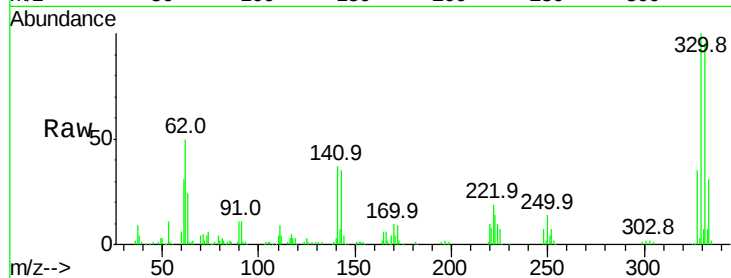
Time-->



#41
 2,4,6-Tribromophenol
 Concen: 162.02 ng
 RT: 13.93 min Scan# 2039
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

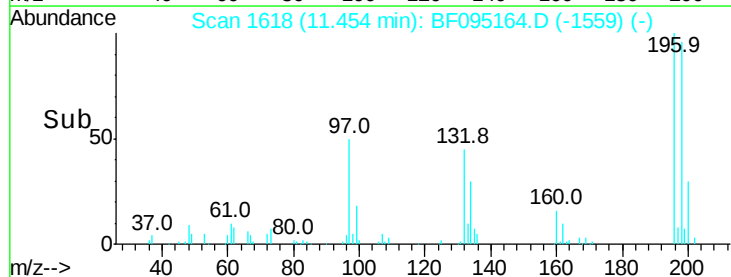
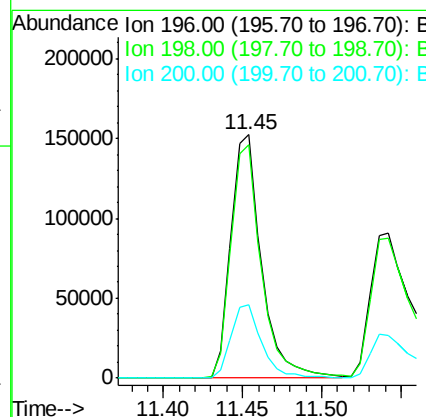
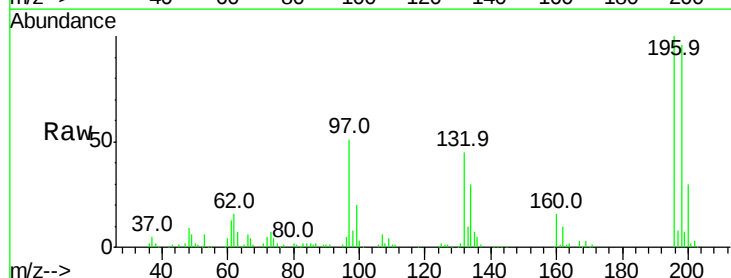
Instrument :
 BNA_F
 ClientSampled :

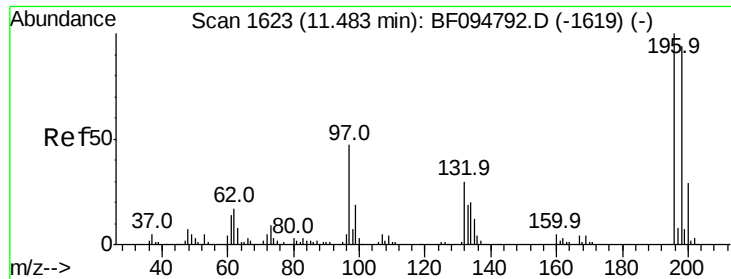
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.2	76.6	115.0
141	39.5	31.4	47.2



#42
 2,4,6-Trichlorophenol
 Concen: 60.55 ng
 RT: 11.45 min Scan# 1618
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	74.2	111.4
200	30.1	24.0	36.0

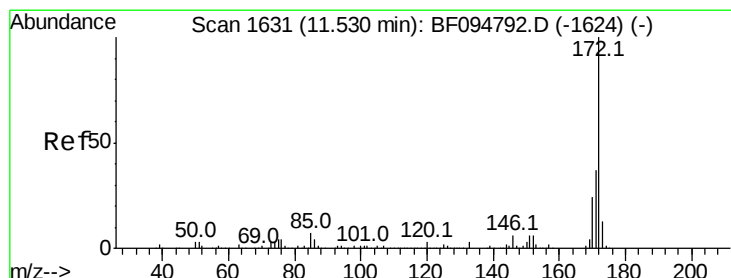
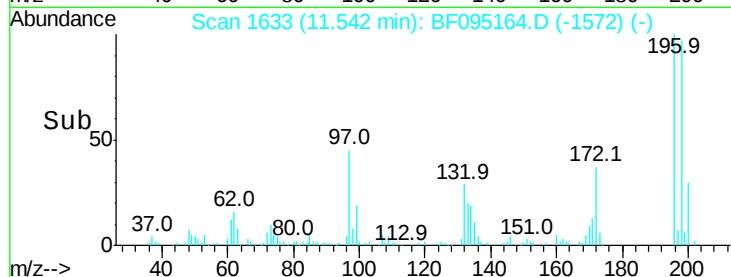
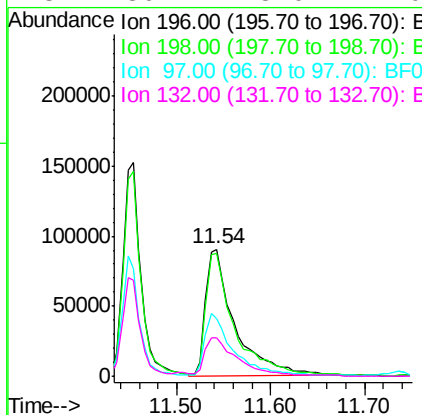
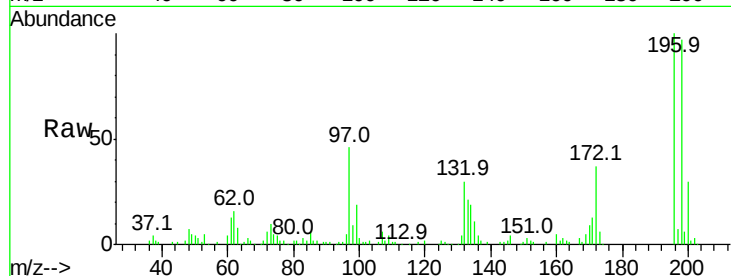




#43
 2,4,5-Trichlorophenol
 Concen: 53.19 ng
 RT: 11.54 min Scan# 1633
 Delta R.T. 0.06 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

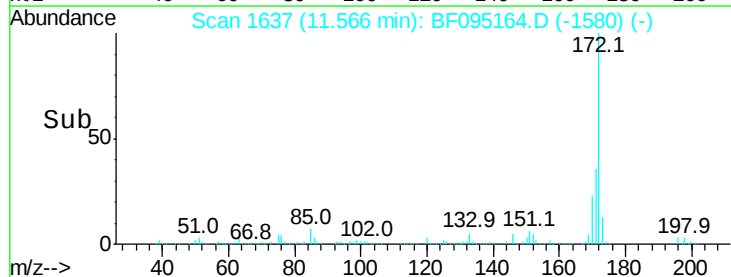
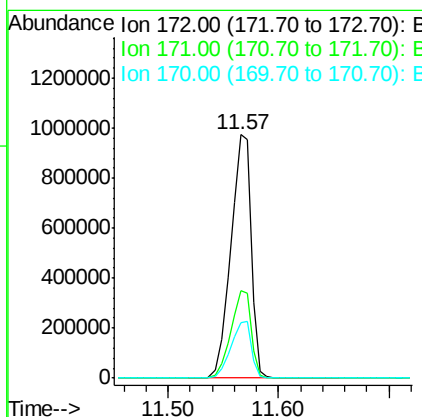
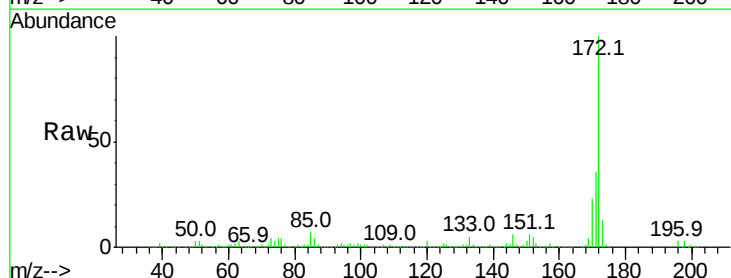
Instrument :
 BNA_F
 ClientSampleId :

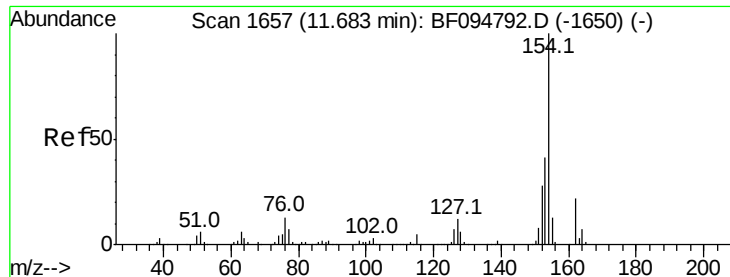
Tot Ion:	196	Resp:	192974
Ion	Ratio	Lower	Upper
196	100		
198	97.0	75.7	113.5
97	45.8	47.7	71.5#
132	30.4	28.0	42.0



#44
 2-Fluorobiphenyl
 Concen: 110.74 ng
 RT: 11.57 min Scan# 1637
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion:	172	Resp:	1264873
Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	23.0	19.8	29.8

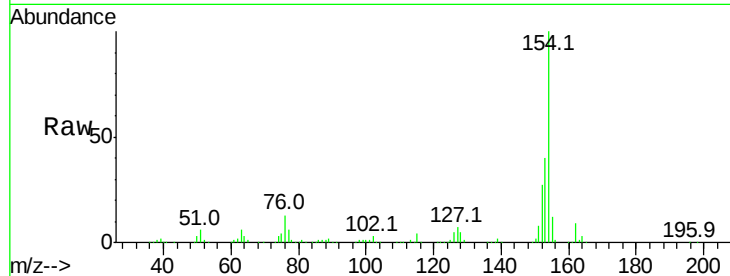




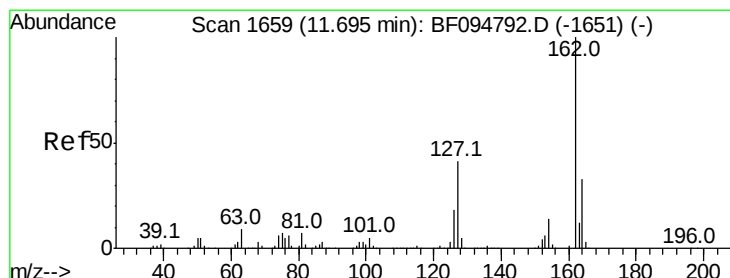
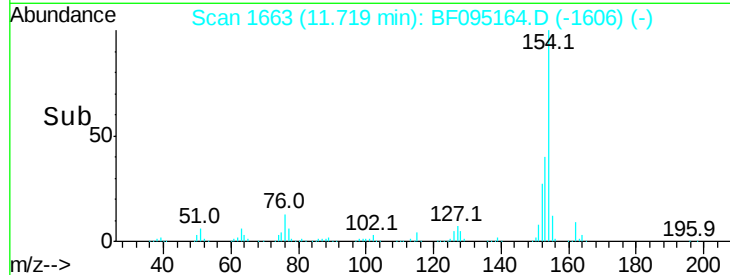
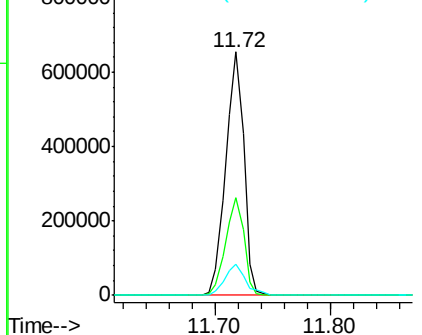
#45
 1,1'-Biphenyl
 Concen: 51.70 ng
 RT: 11.72 min Scan# 1663
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.3	21.2	61.2
76	13.0	0.0	29.9

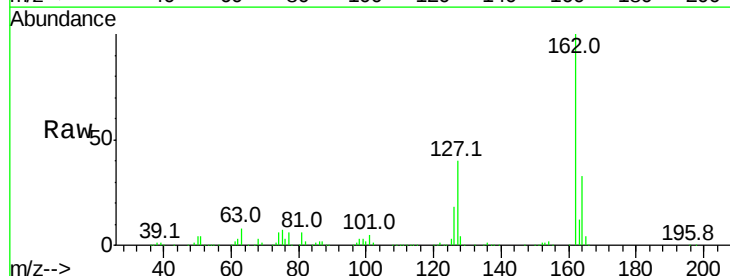


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

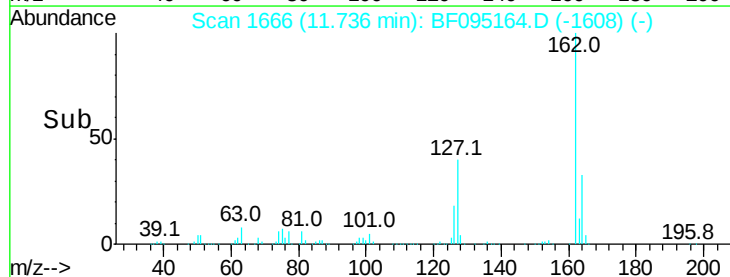
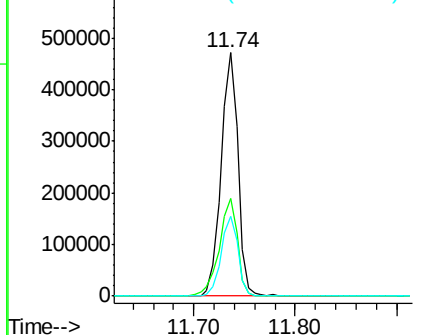


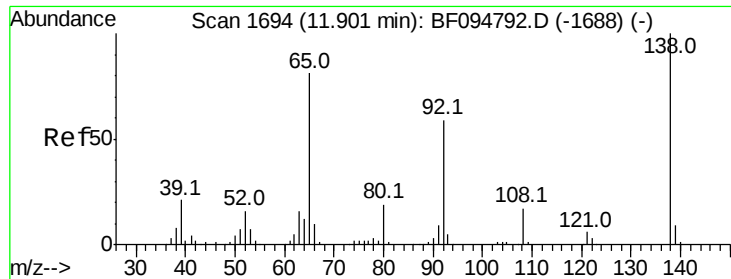
#46
 2-Chloronaphthalene
 Concen: 48.87 ng
 RT: 11.74 min Scan# 1666
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
162	100		
127	40.3	28.3	42.5
164	32.6	27.0	40.4



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





#47

2-Nitroaniline

Concen: 48.17 ng

RT: 11.95 min Scan# 1703

Delta R.T. 0.05 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

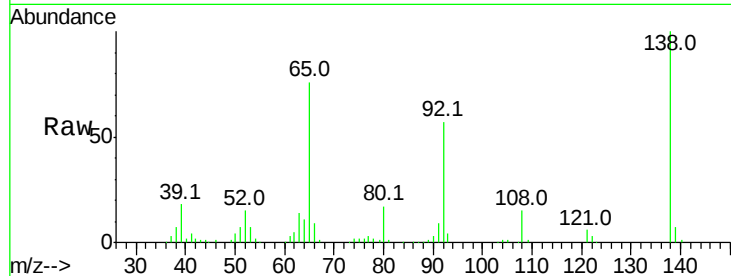
Tot Ion: 65 Resp: 147348

Ion Ratio Lower Upper

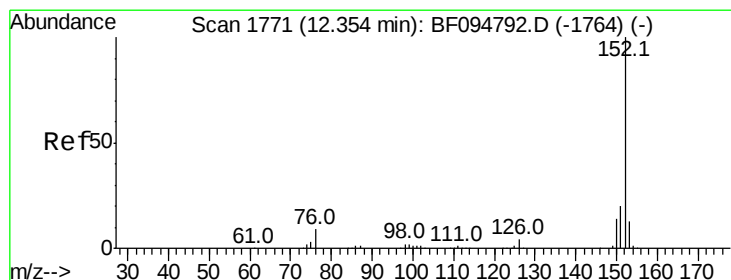
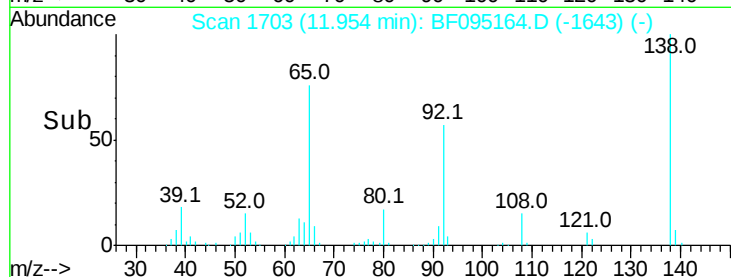
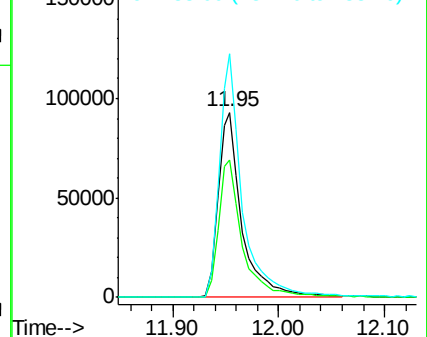
65 100

92 74.4 53.9 80.9

138 131.7 78.8 118.2#



Abundance Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0
Ion 138.00 (137.70 to 138.70): E



#48

Acenaphthylene

Concen: 50.15 ng

RT: 12.40 min Scan# 1778

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

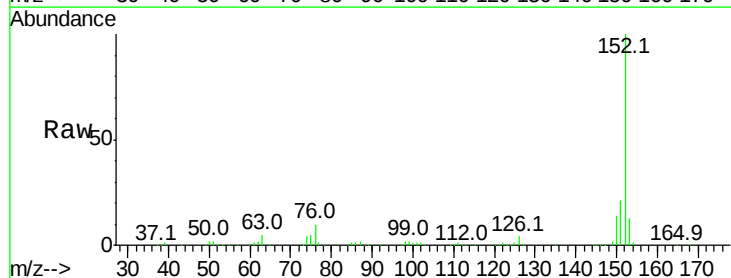
Tgt Ion: 152 Resp: 877992

Ion Ratio Lower Upper

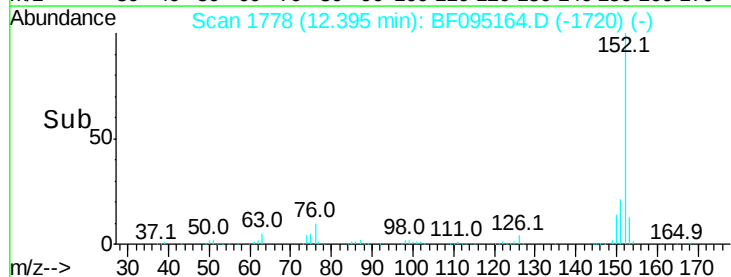
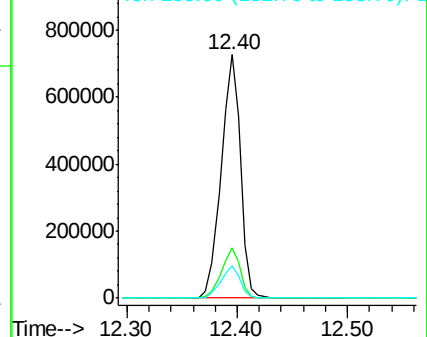
152 100

151 20.7 16.8 25.2

153 13.4 10.8 16.2



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#49

Dimethylphthalate

Concen: 57.04 ng

RT: 12.27 min Scan# 1757

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampled :

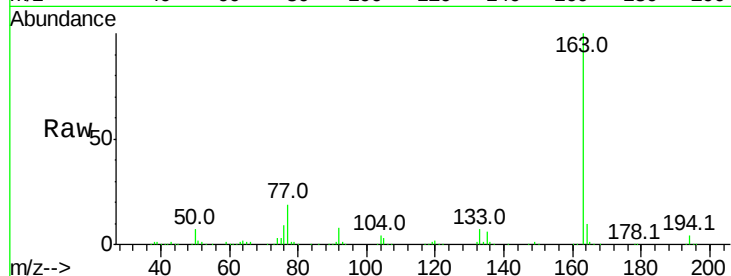
Tot Ion:163 Resp: 769849

Ion Ratio Lower Upper

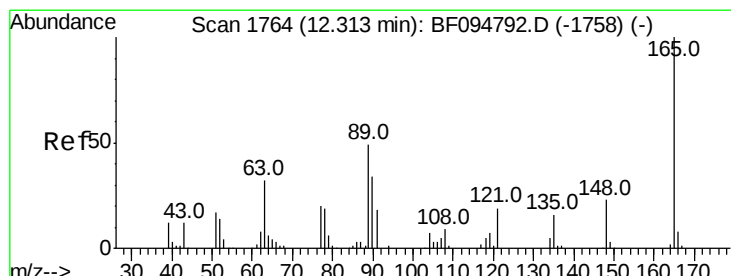
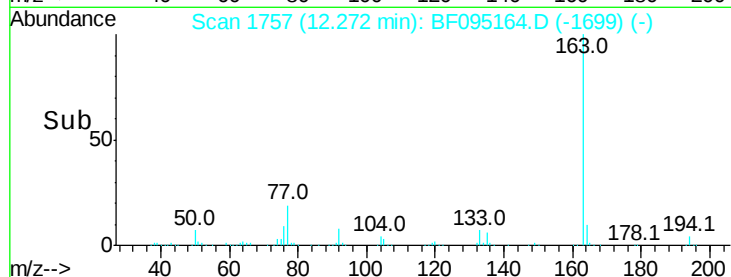
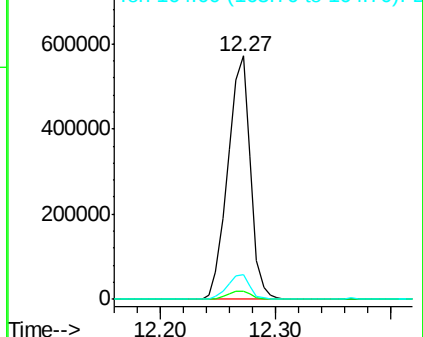
163 100

194 3.6 2.6 4.0

164 10.2 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: 53.49 ng

RT: 12.37 min Scan# 1773

Delta R.T. 0.05 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

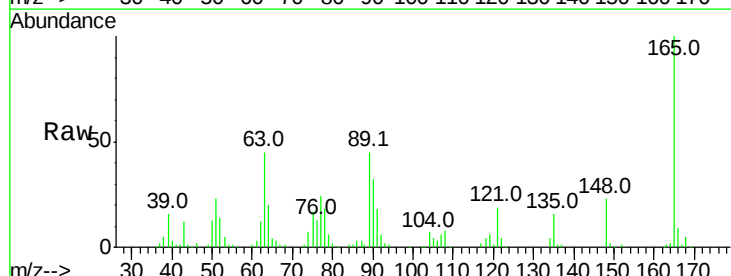
Tgt Ion:165 Resp: 147278

Ion Ratio Lower Upper

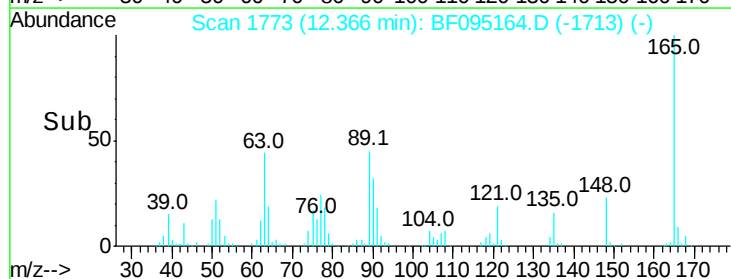
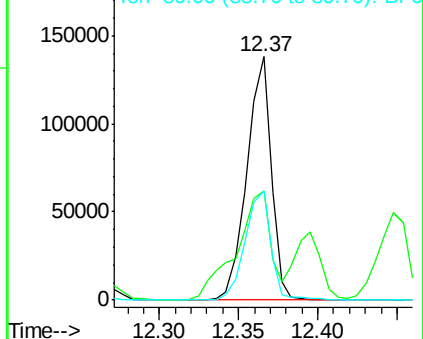
165 100

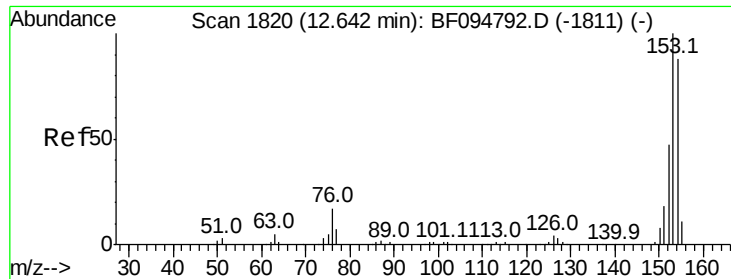
63 44.9 34.3 51.5

89 44.8 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: 50.22 ng

RT: 12.68 min Scan# 1826

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

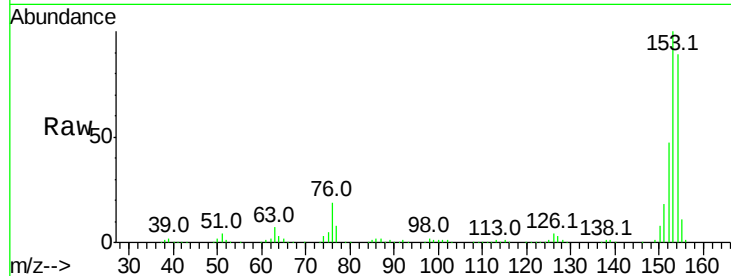
Tot Ion:154 Resp: 525059

Ion Ratio Lower Upper

154 100

153 112.8 90.5 135.7

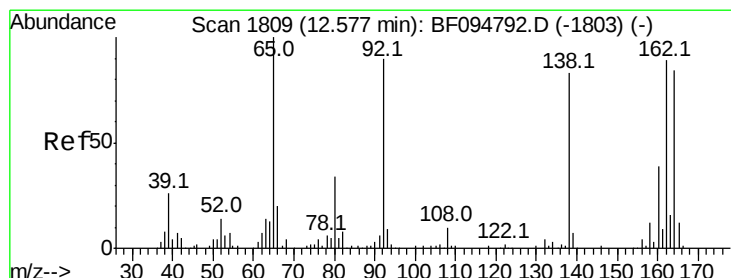
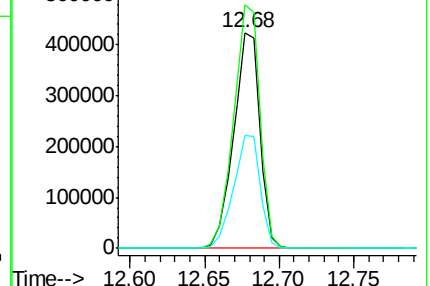
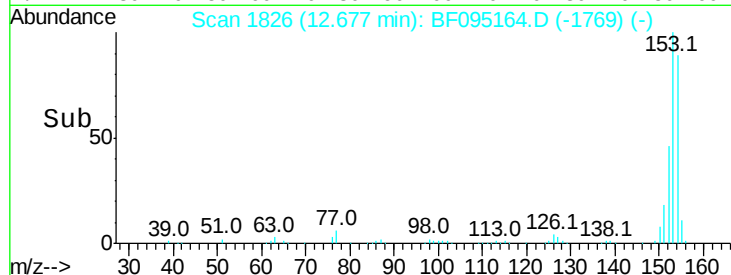
152 52.5 43.6 65.4



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: 24.22 ng

RT: 12.64 min Scan# 1819

Delta R.T. 0.06 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

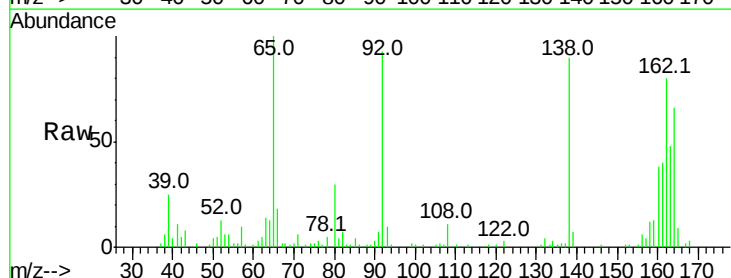
Tgt Ion:138 Resp: 71573

Ion Ratio Lower Upper

138 100

108 12.8 9.1 13.7

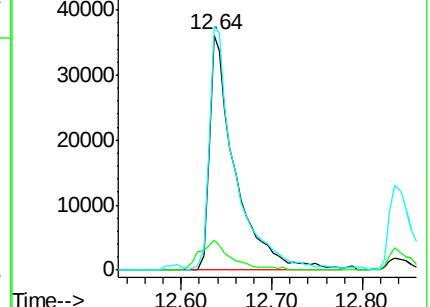
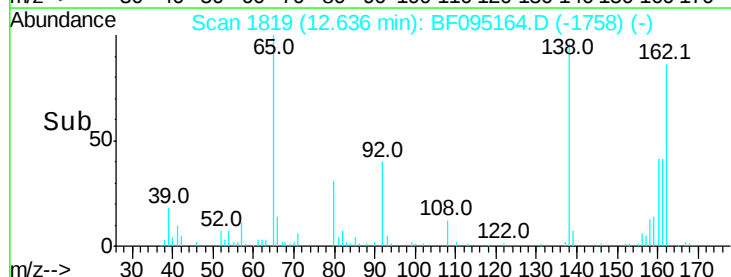
92 103.5 93.8 140.6

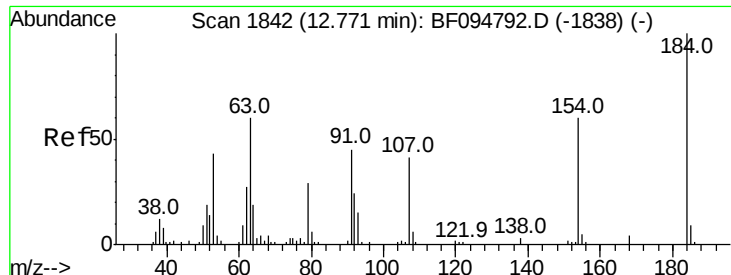


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

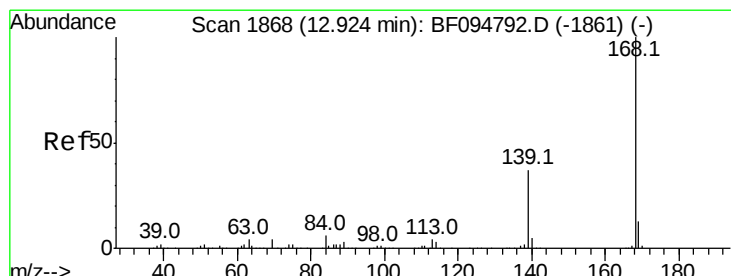
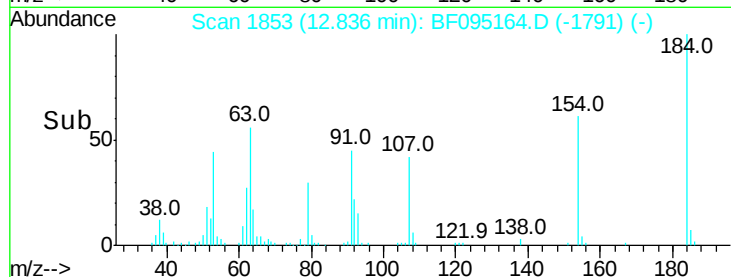
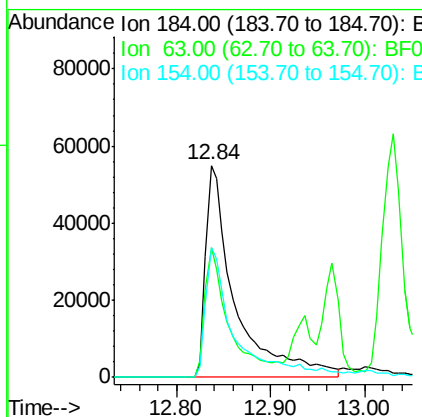
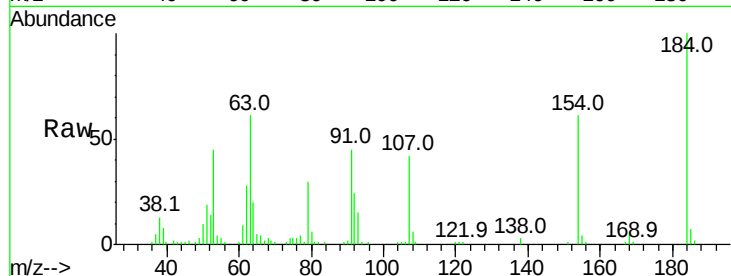




#53
 2,4-Dinitrophenol
 Concen: 79.46 ng
 RT: 12.84 min Scan# 1853
 Delta R.T. 0.06 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

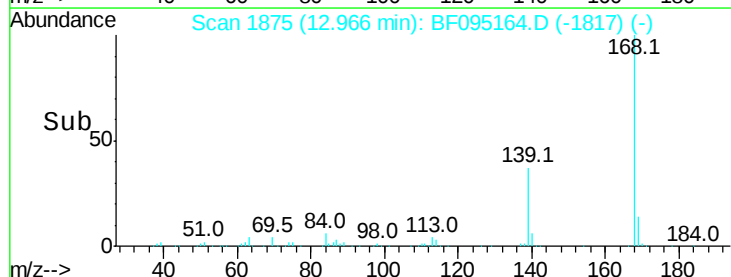
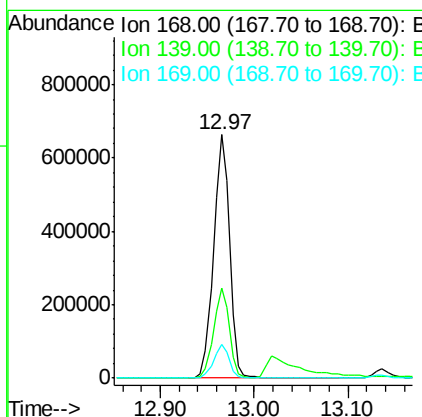
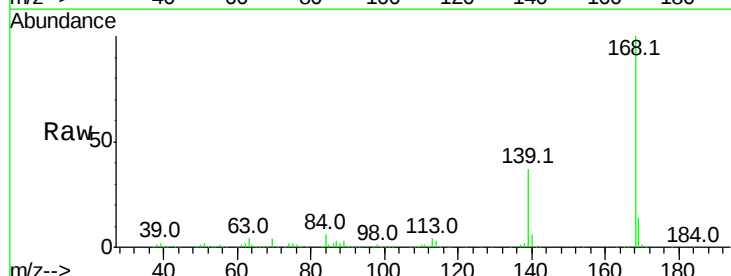
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:184 Resp: 120430
 Ion Ratio Lower Upper
 184 100
 63 61.1 62.7 94.1#
 154 61.2 81.1 121.7#



#54
 Dibenzofuran
 Concen: 55.16 ng
 RT: 12.97 min Scan# 1875
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion:168 Resp: 798059
 Ion Ratio Lower Upper
 168 100
 139 36.9 30.6 45.8
 169 13.8 10.8 16.2

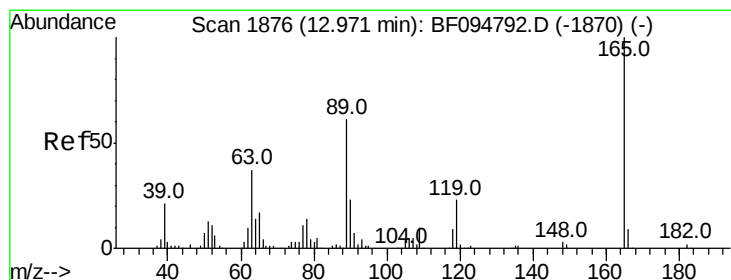
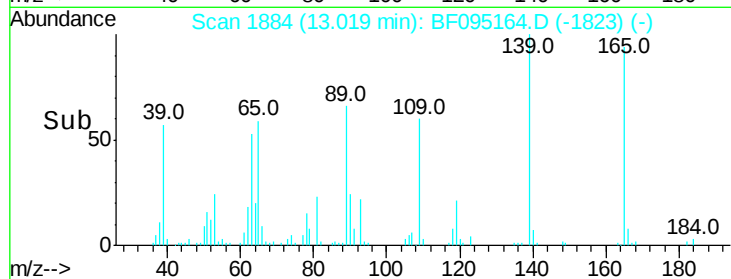
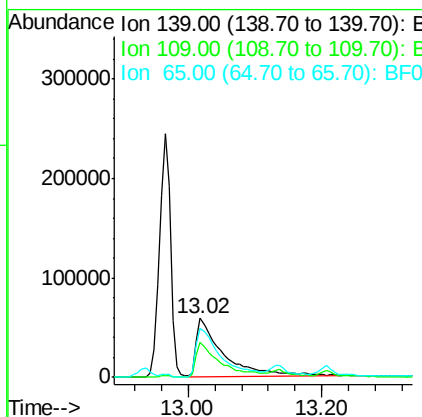
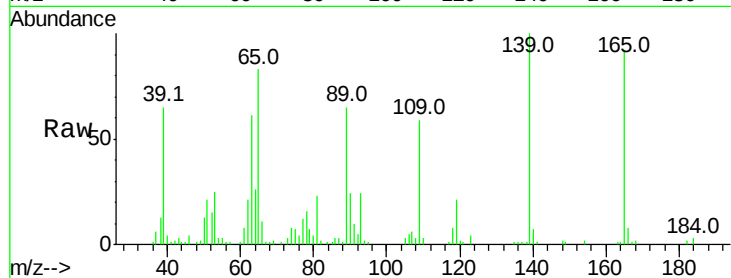




#55
4-Nitrophenol
Concen: 92.83 ng
RT: 13.02 min Scan# 1884
Delta R.T. 0.06 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

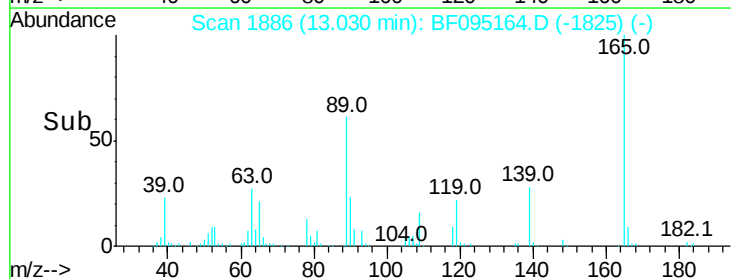
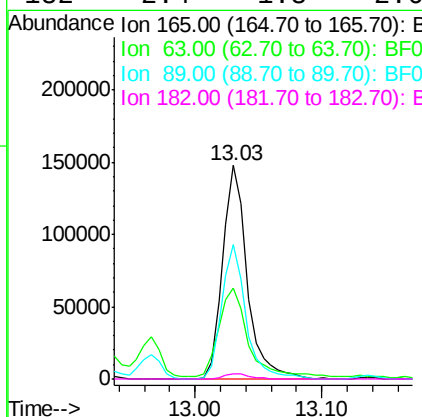
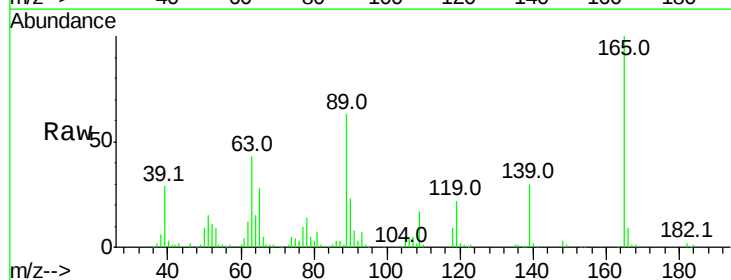
Instrument :
BNA_F
ClientSampled :

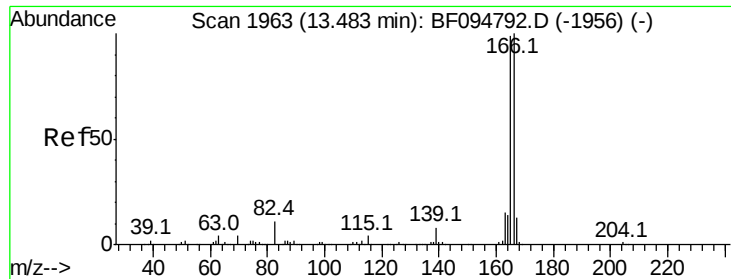
Tot Ion:139 Resp: 164779
Ion Ratio Lower Upper
139 100
109 58.9 34.1 74.1
65 83.3 31.4 71.4#



#56
2,4-Dinitrotoluene
Concen: 56.26 ng
RT: 13.03 min Scan# 1886
Delta R.T. 0.06 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion:165 Resp: 199050
Ion Ratio Lower Upper
165 100
63 42.7 25.4 38.0#
89 63.2 46.4 69.6
182 2.4 1.8 2.6

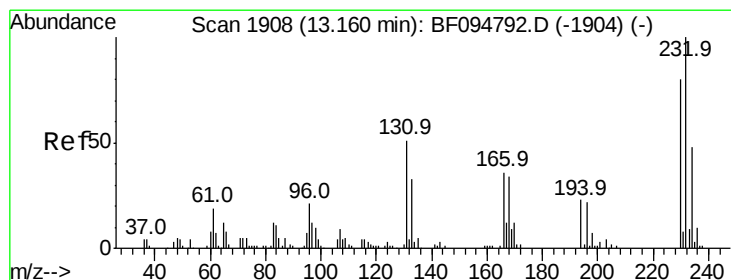
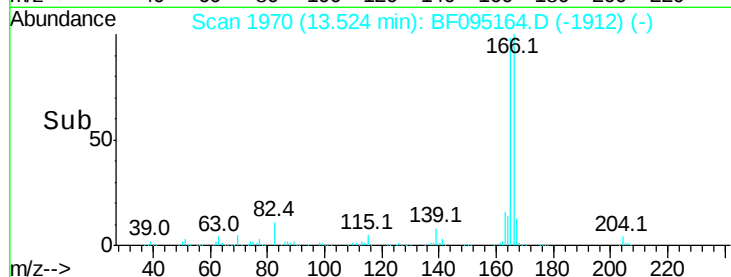
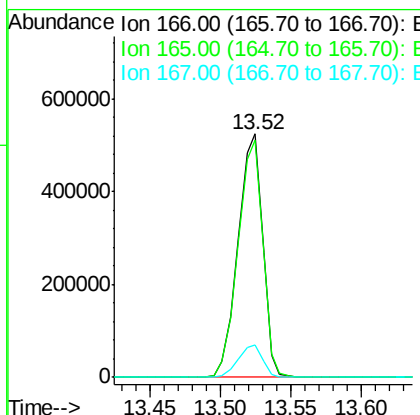
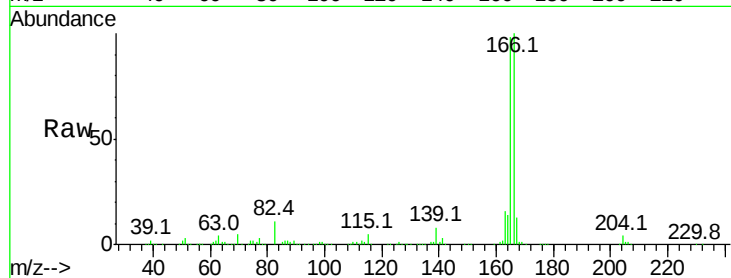




#57
 Fluorene
 Concen: 50.89 ng
 RT: 13.52 min Scan# 1970
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

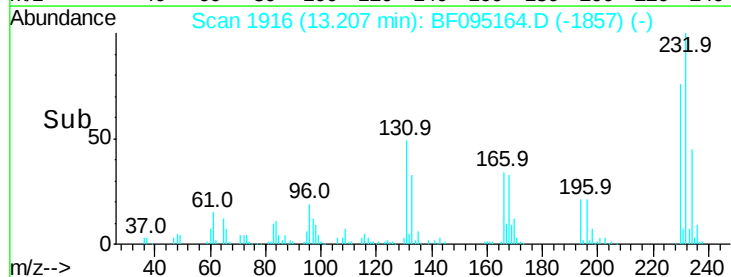
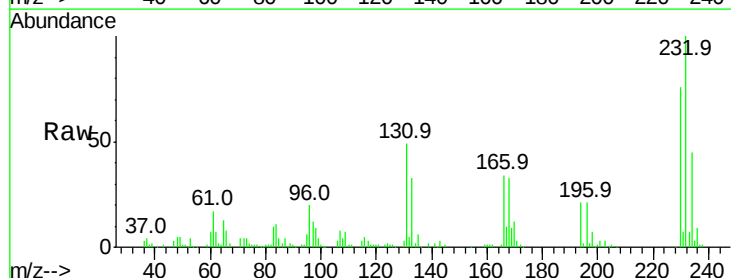
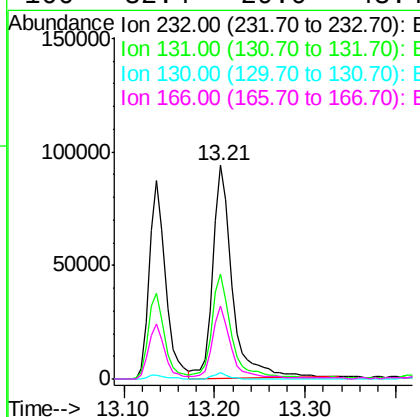
Instrument :
 BNA_F
 ClientSampleId :

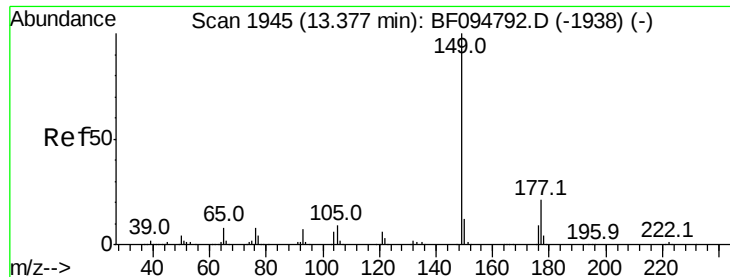
Tot Ion:166 Resp: 640244
 Ion Ratio Lower Upper
 166 100
 165 97.6 78.8 118.2
 167 13.3 10.6 16.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 61.36 ng
 RT: 13.21 min Scan# 1916
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion:232 Resp: 140109
 Ion Ratio Lower Upper
 232 100
 131 49.0 44.8 67.2
 130 2.3 2.3 3.5#
 166 32.4 29.0 43.4





#59

Diethylphthalate

Concen: 49.53 ng

RT: 13.42 min Scan# 1952

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

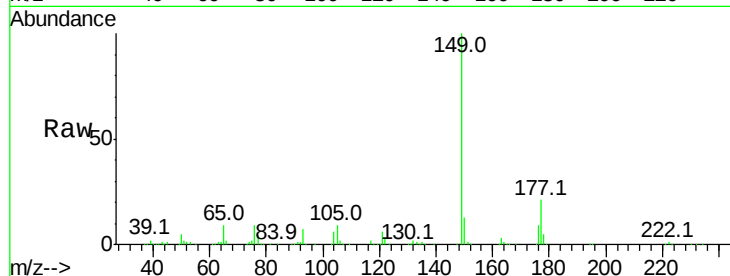
Tot Ion:149 Resp: 640755

Ion Ratio Lower Upper

149 100

177 21.5 16.7 25.1

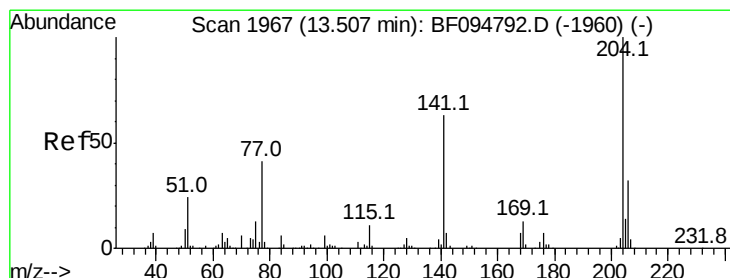
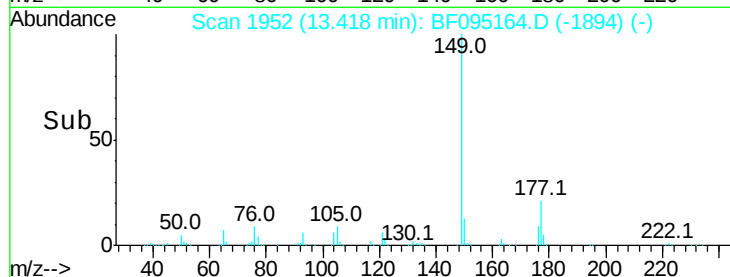
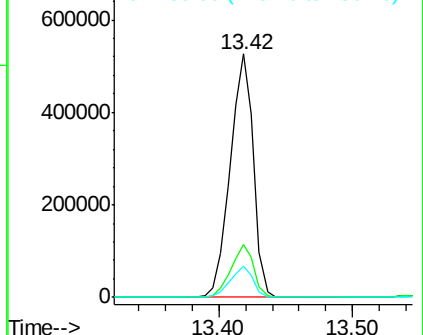
150 12.6 10.2 15.2



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: 50.44 ng

RT: 13.54 min Scan# 1973

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

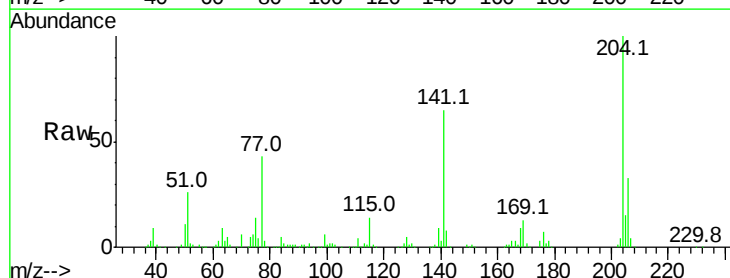
Tgt Ion:204 Resp: 278889

Ion Ratio Lower Upper

204 100

206 33.0 26.2 39.2

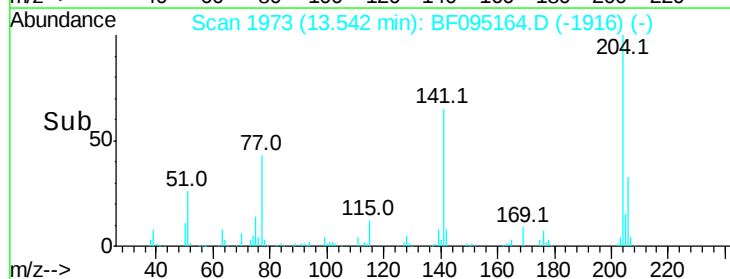
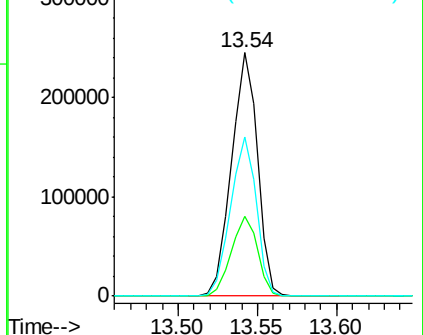
141 65.3 60.8 91.2

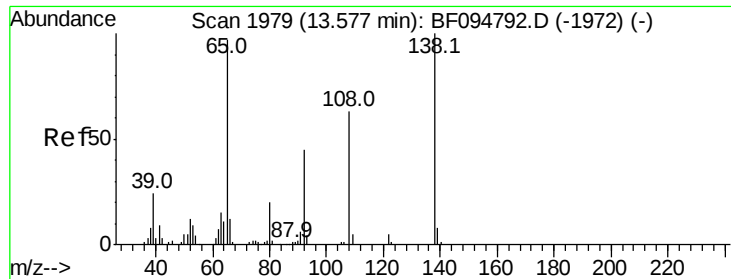


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

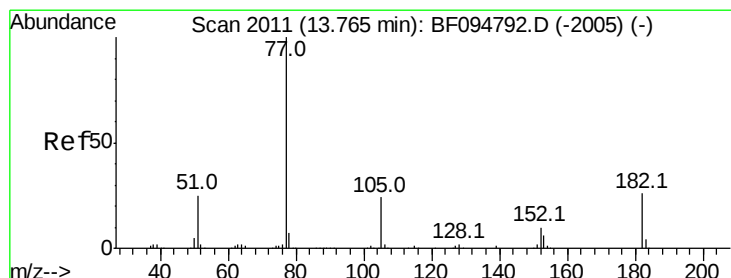
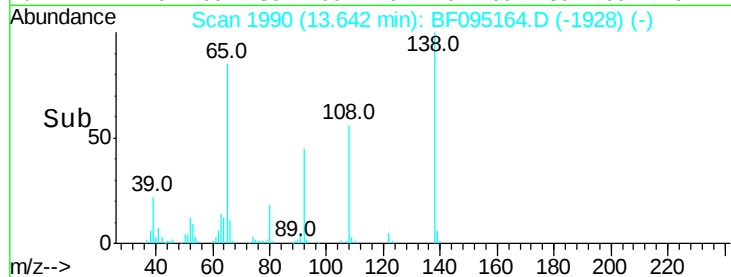
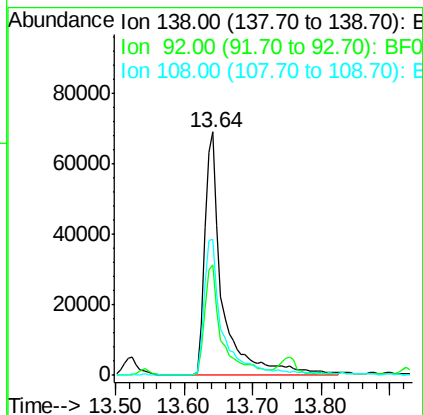
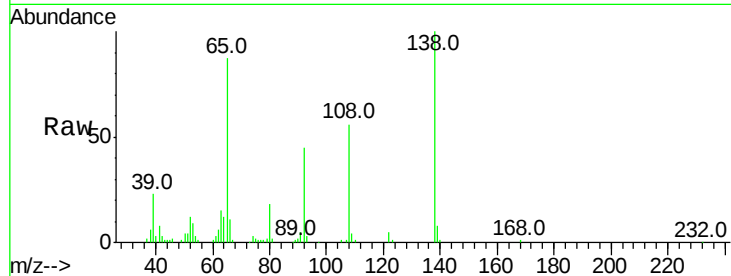




#61
4-Nitroaniline
Concen: 46.84 ng
RT: 13.64 min Scan# 1990
Delta R.T. 0.06 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

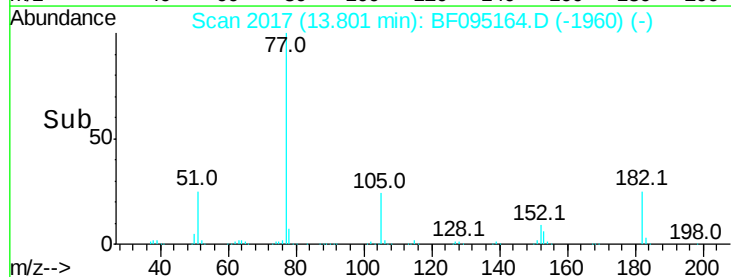
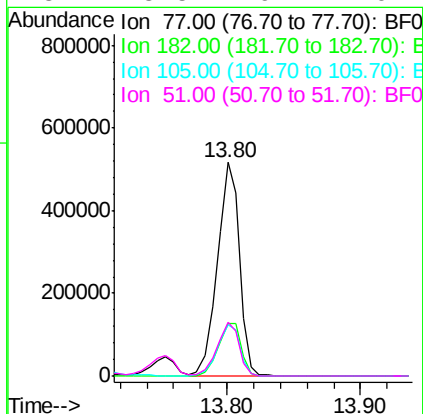
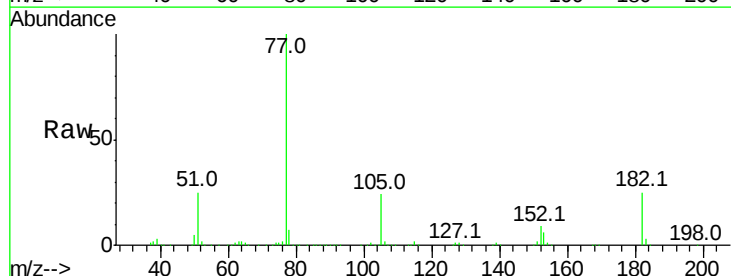
Instrument :
BNA_F
ClientSampled :

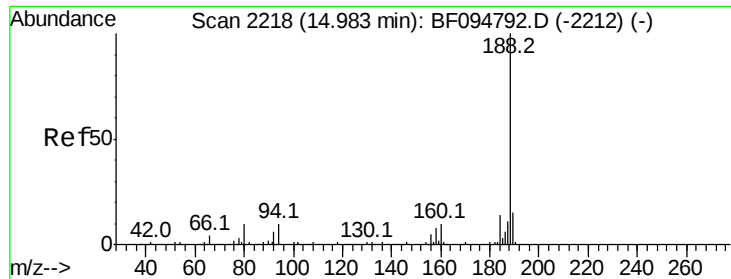
Tot Ion:138 Resp: 127087
Ion Ratio Lower Upper
138 100
92 45.3 21.8 61.8
108 56.0 42.3 82.3



#62
Azobenzene
Concen: 58.00 ng
RT: 13.80 min Scan# 2017
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion: 77 Resp: 602843
Ion Ratio Lower Upper
77 100
182 24.7 0.1 40.1
105 24.2 3.6 43.6
51 25.5 9.4 49.4

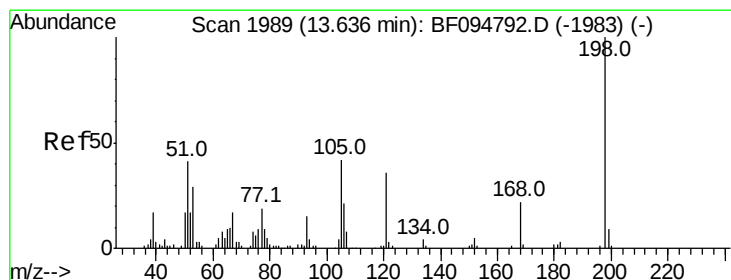
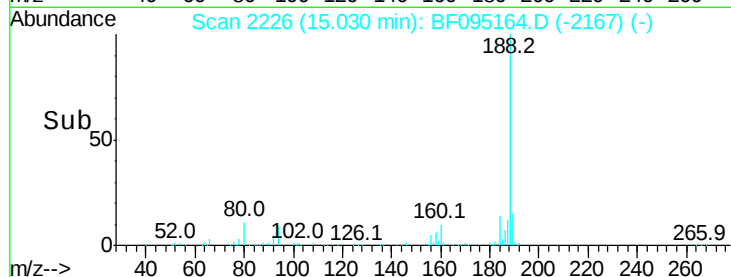
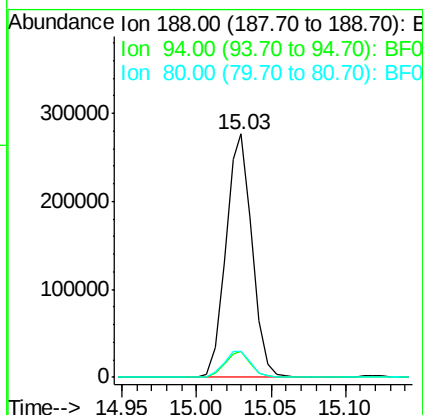
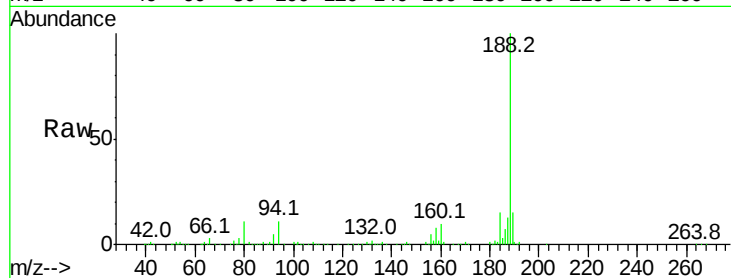




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 15.03 min Scan# 2226
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

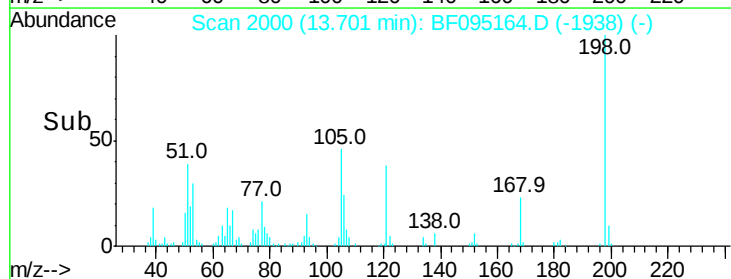
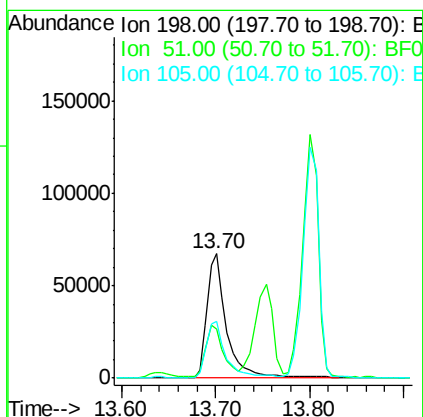
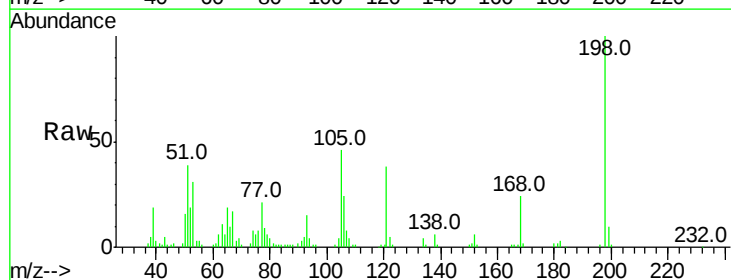
Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 339196
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.2
80 10.7 10.2 15.2



#64
4,6-Dinitro-2-methylphenol
Concen: 43.68 ng
RT: 13.70 min Scan# 2000
Delta R.T. 0.06 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion:198 Resp: 99317
Ion Ratio Lower Upper
198 100
51 39.3 53.2 93.2#
105 45.8 45.8 85.8#





#65

n-Nitrosodiphenylamine

Concen: 45.35 ng

RT: 13.75 min Scan# 2009

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampled :

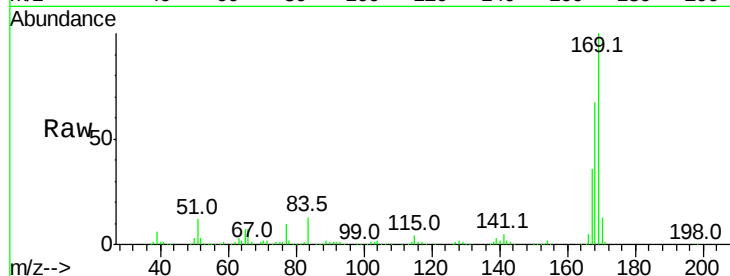
Tot Ion:169 Resp: 558245

Ion Ratio Lower Upper

169 100

168 66.8 53.2 79.8

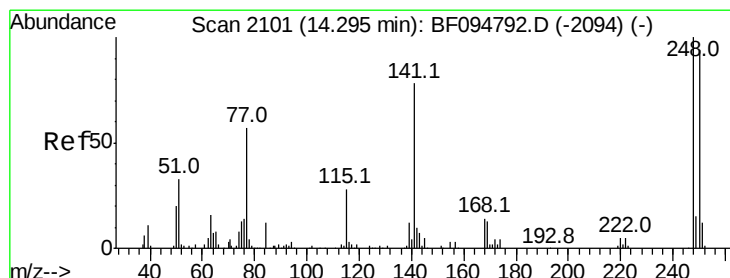
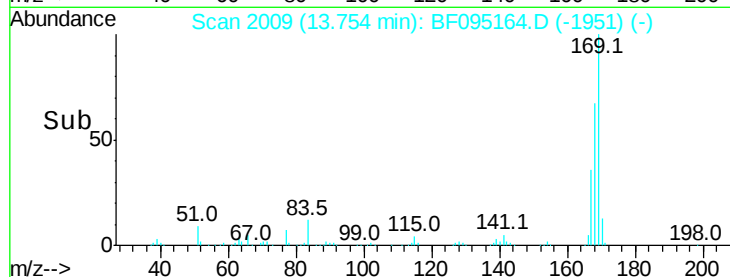
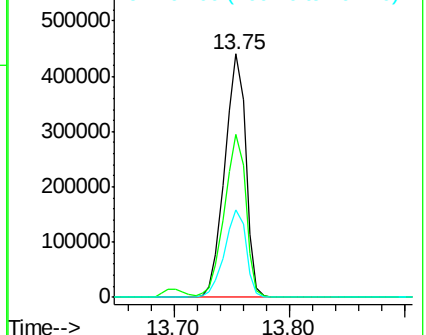
167 36.0 29.5 44.3



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: 46.74 ng

RT: 14.33 min Scan# 2107

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

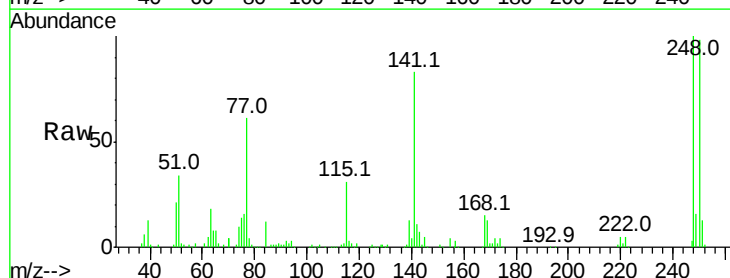
Tgt Ion:248 Resp: 167514

Ion Ratio Lower Upper

248 100

250 98.3 76.8 115.2

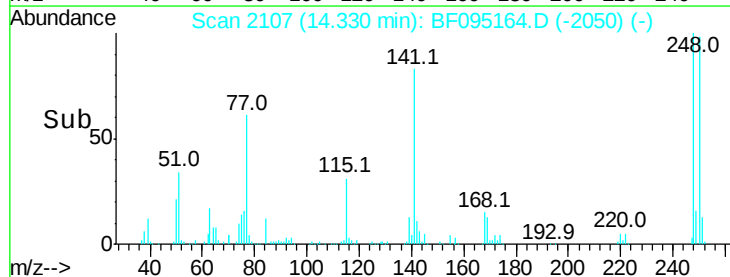
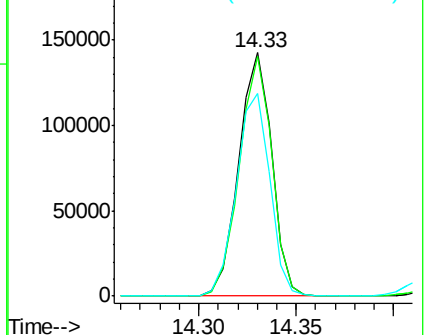
141 83.4 68.6 103.0



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

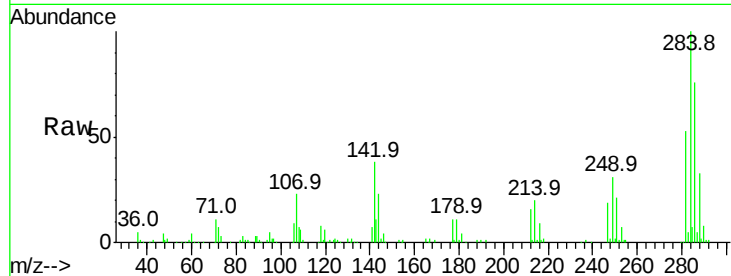




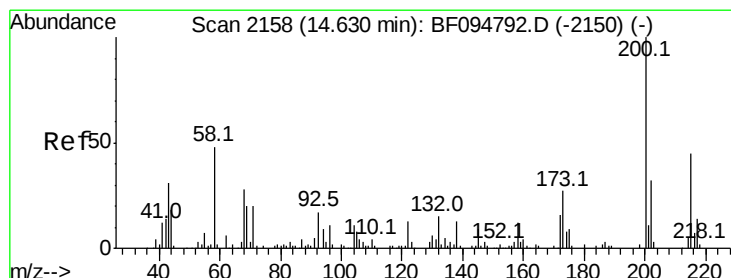
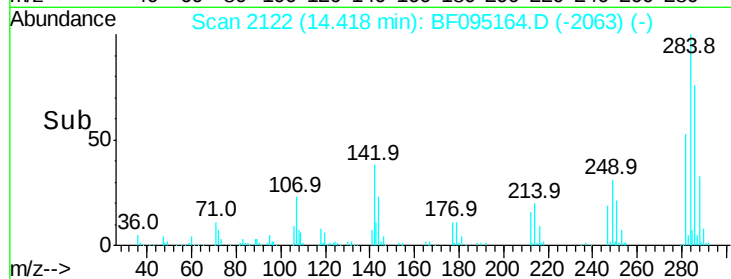
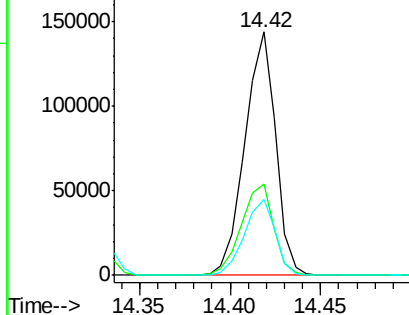
#67
 Hexachlorobenzene
 Concen: 46.30 ng
 RT: 14.42 min Scan# 2122
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
284	100		
142	37.7	22.8	34.2#
249	31.2	24.0	36.0

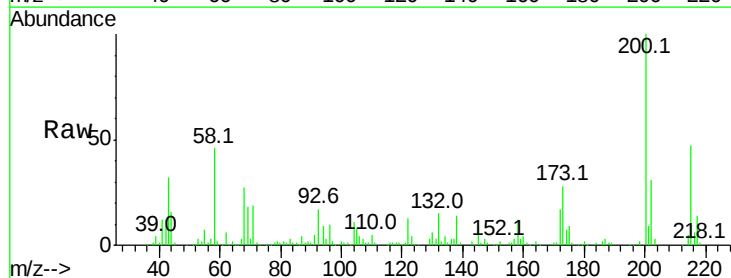


Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

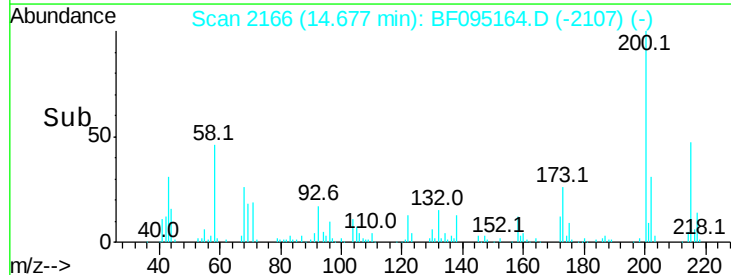
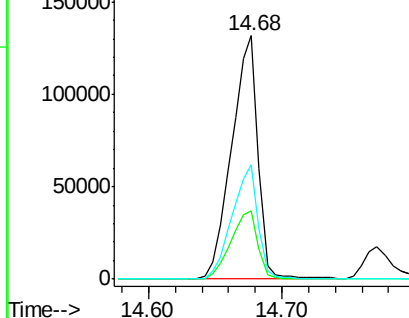


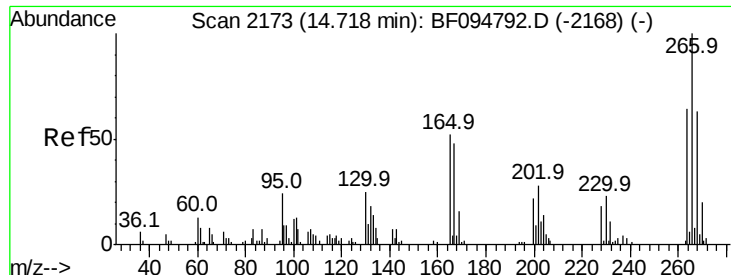
#68
 Atrazine
 Concen: 52.13 ng
 RT: 14.68 min Scan# 2166
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion	Ratio	Lower	Upper
200	100		
173	28.1	6.3	46.3
215	47.1	27.2	67.2



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

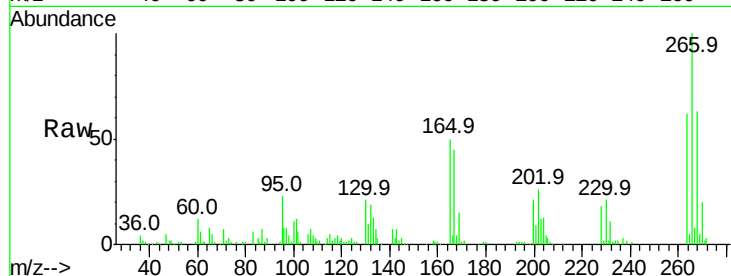




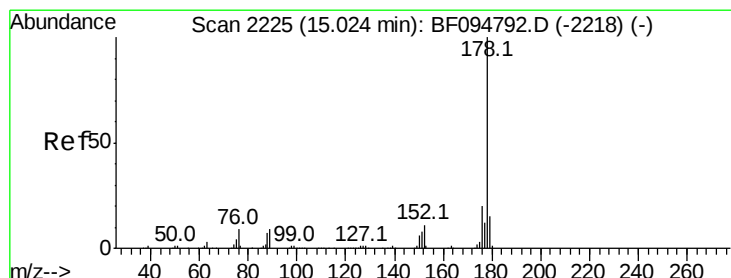
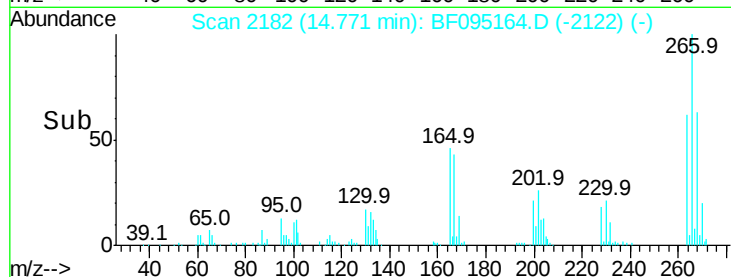
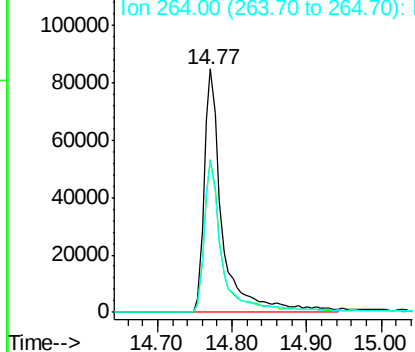
#69
 Pentachlorophenol
 Concen: 87.14 ng
 RT: 14.77 min Scan# 2182
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:266 Resp: 145640
 Ion Ratio Lower Upper
 266 100
 268 62.6 51.1 76.7
 264 62.3 51.7 77.5

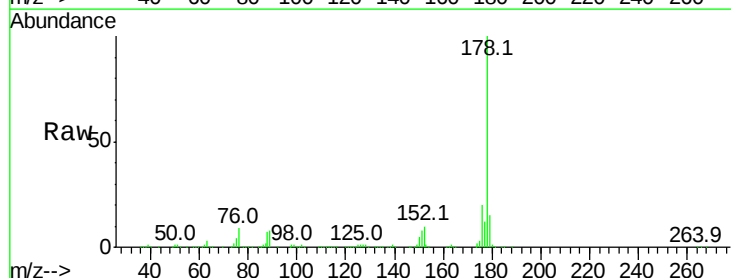


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

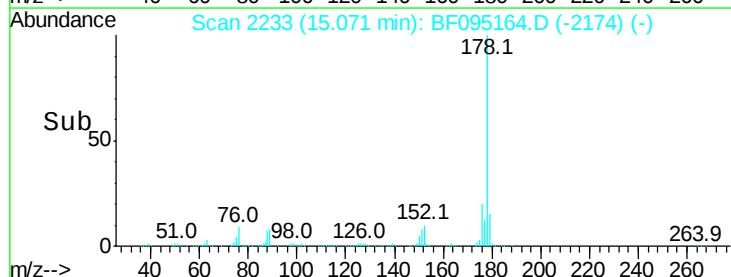
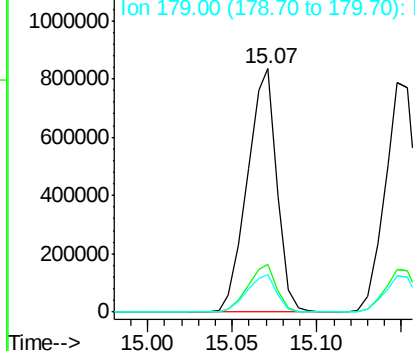


#70
 Phenanthrene
 Concen: 52.29 ng
 RT: 15.07 min Scan# 2233
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion:178 Resp: 1018998
 Ion Ratio Lower Upper
 178 100
 176 19.8 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

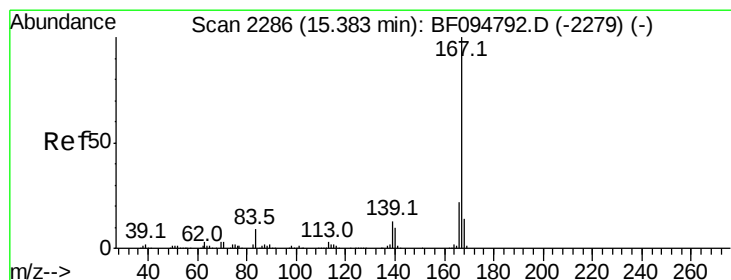
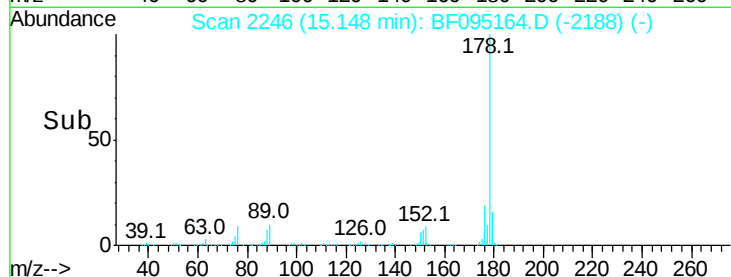
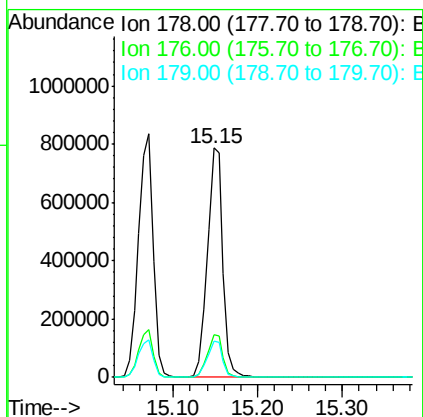
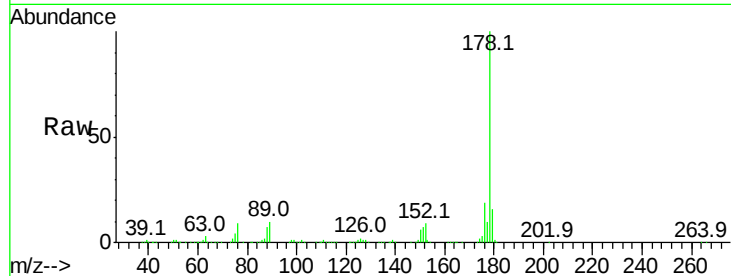




#71
 Anthracene
 Concen: 50.81 ng
 RT: 15.15 min Scan# 2246
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

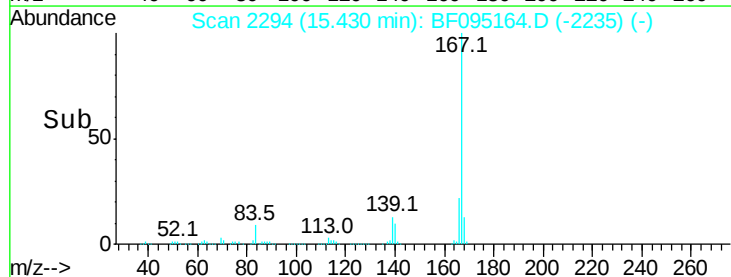
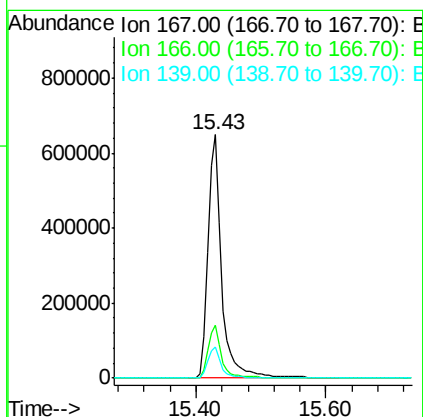
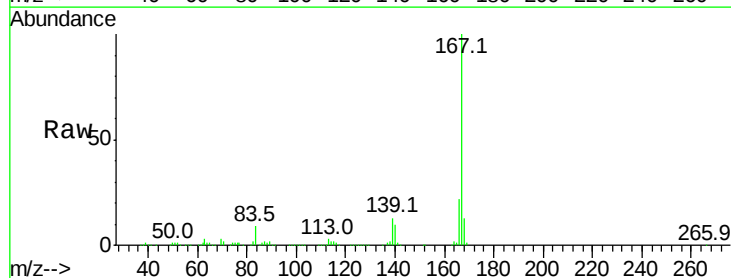
Instrument :
 BNA_F
 ClientSampleId :

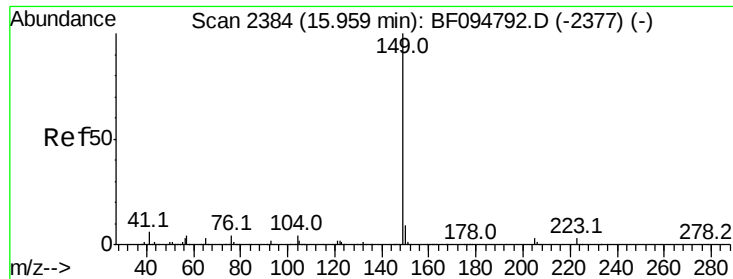
Tot Ion:178 Resp: 1011504
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.8 23.8
 179 15.6 12.7 19.1



#72
 Carbazole
 Concen: 52.12 ng
 RT: 15.43 min Scan# 2294
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion:167 Resp: 944146
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.1 27.1
 139 13.0 11.7 17.5

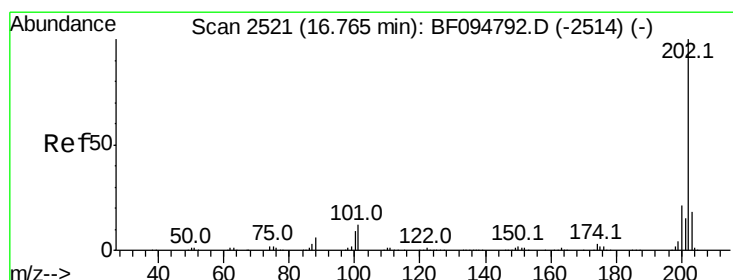
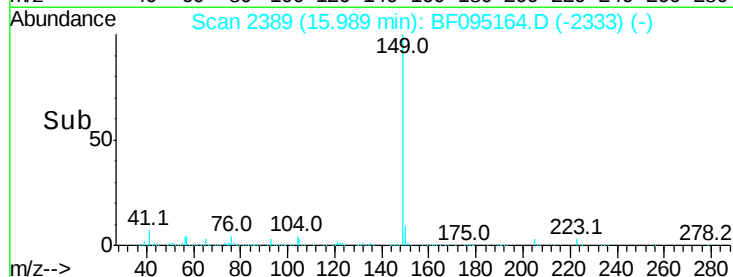
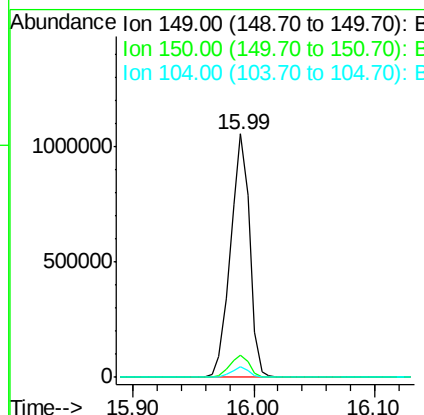
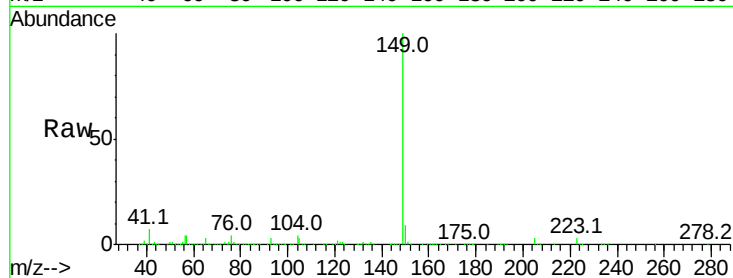




#73
Di-n-butylphthalate
Concen: 51.17 ng
RT: 15.99 min Scan# 2389
Delta R.T. 0.03 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

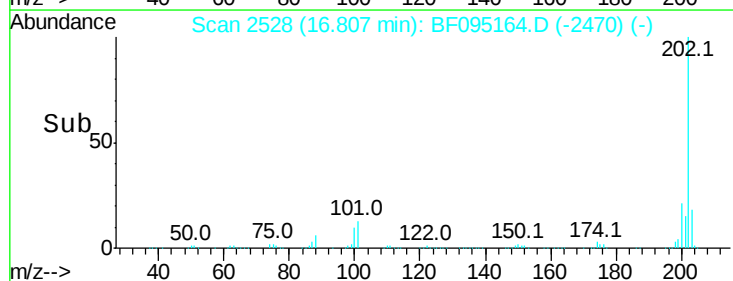
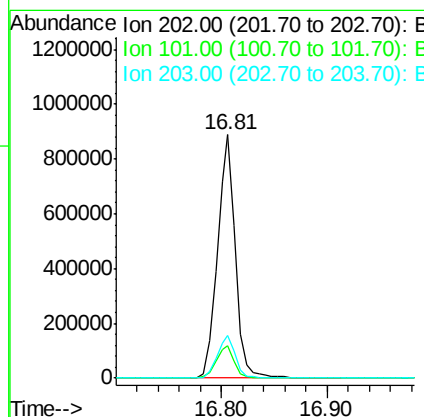
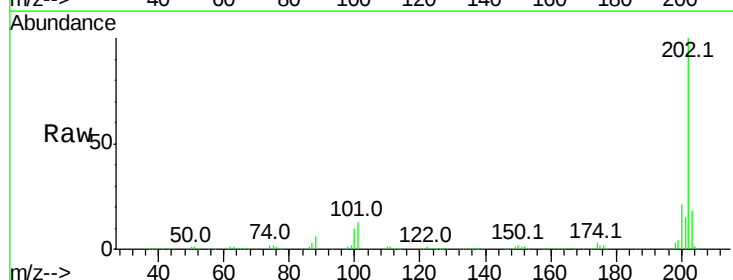
Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 1155911
Ion Ratio Lower Upper
149 100
150 9.3 7.7 11.5
104 4.3 4.0 6.0



#74
Fluoranthene
Concen: 52.95 ng
RT: 16.81 min Scan# 2528
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion:202 Resp: 1058643
Ion Ratio Lower Upper
202 100
101 13.3 0.0 33.2
203 17.7 0.0 38.1

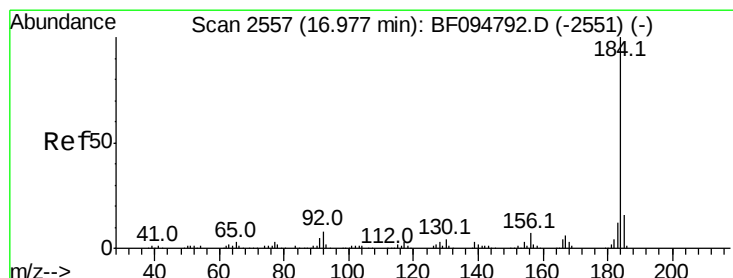
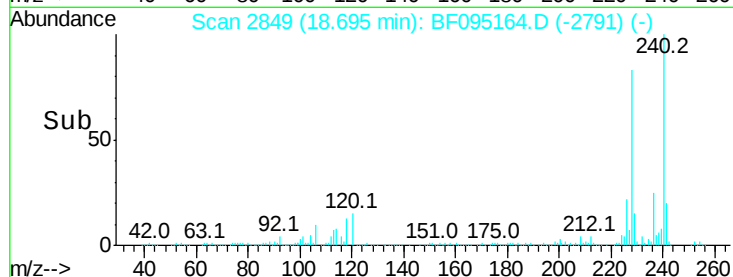
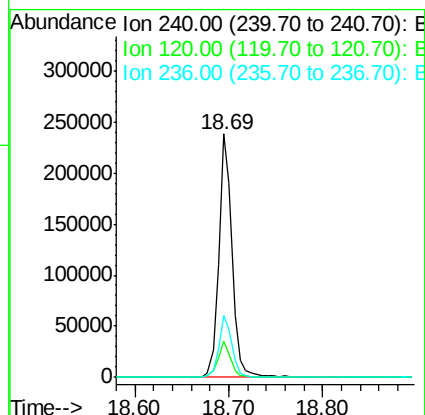
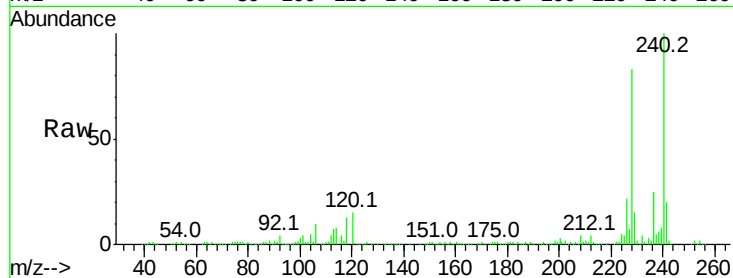




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.69 min Scan# 2849
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

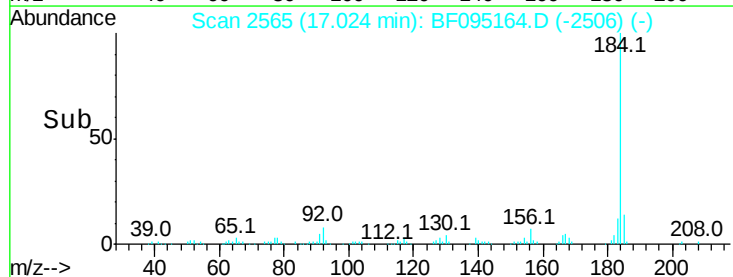
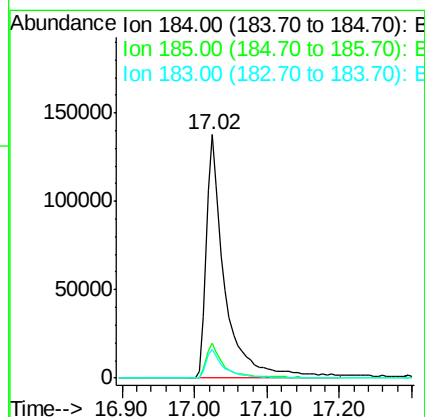
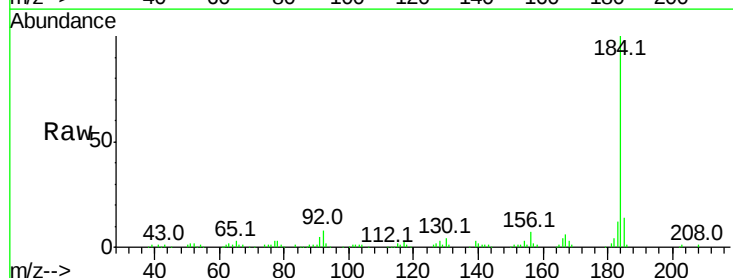
Instrument :
BNA_F
ClientSampleId :

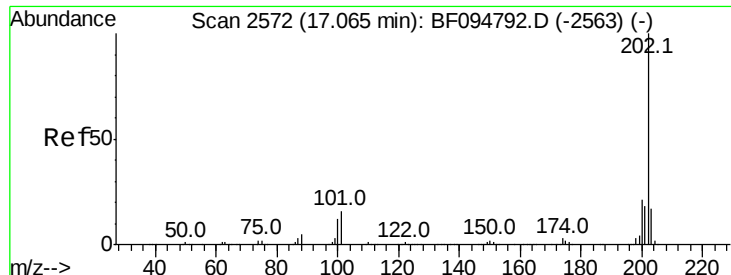
Tot Ion:240 Resp: 237191
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 25.4 20.5 30.7



#76
Benzidine
Concen: 39.73 ng
RT: 17.02 min Scan# 2565
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion:184 Resp: 246408
Ion Ratio Lower Upper
184 100
185 14.2 15.5 23.3#
183 11.7 9.8 14.6

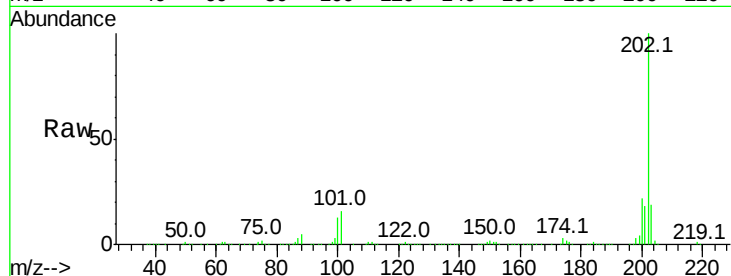




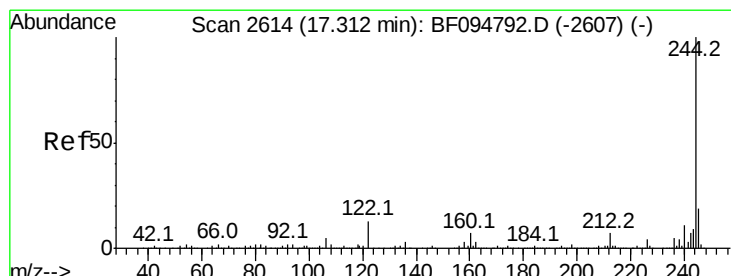
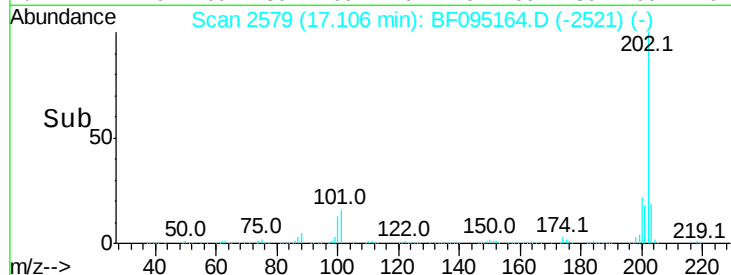
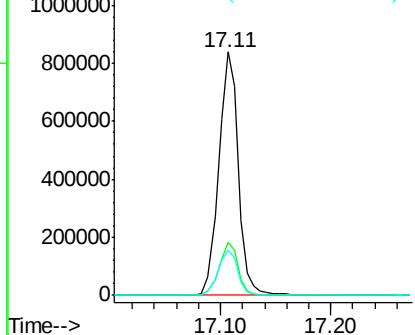
#77
Pvrene
Concen: 58.08 ng
RT: 17.11 min Scan# 2579
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Instrument :
BNA_F
ClientSampled :

Tot Ion:202 Resp: 1030343
Ion Ratio Lower Upper
202 100
200 21.7 17.6 26.4
203 18.6 14.4 21.6

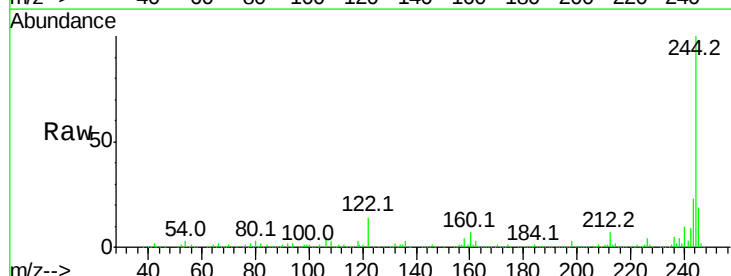


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

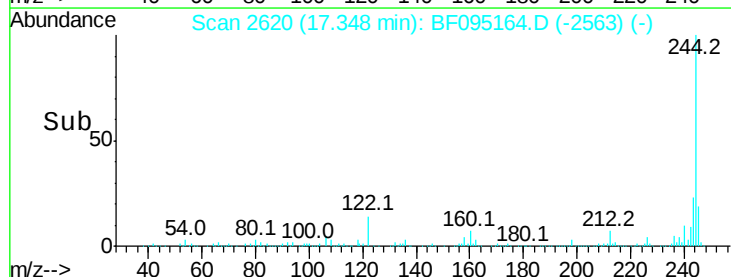
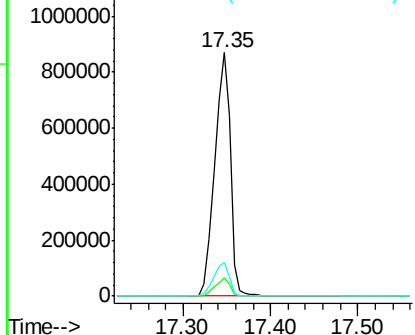


#78
Terphenyl-d14
Concen: 101.37 ng
RT: 17.35 min Scan# 2620
Delta R.T. 0.04 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion:244 Resp: 1091691
Ion Ratio Lower Upper
244 100
212 7.3 6.0 9.0
122 14.0 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 55.28 ng

RT: 18.01 min Scan# 2732

Delta R.T. 0.04 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampled :

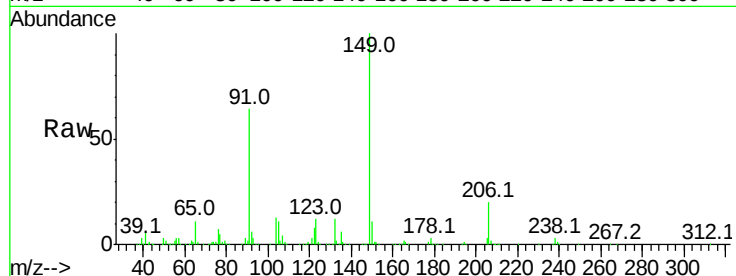
Tot Ion:149 Resp: 456105

Ion Ratio Lower Upper

149 100

91 64.2 45.0 67.4

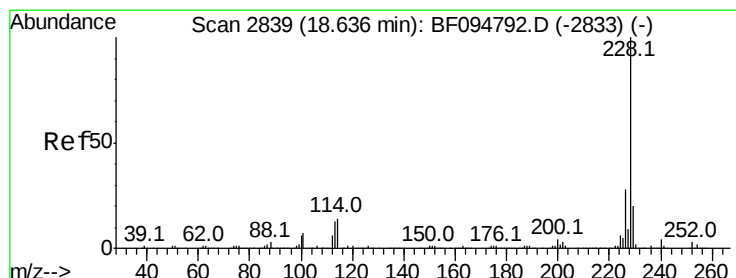
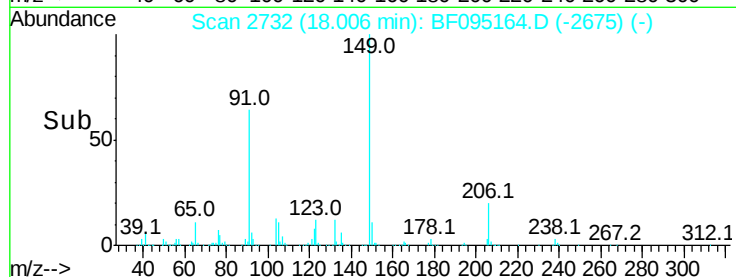
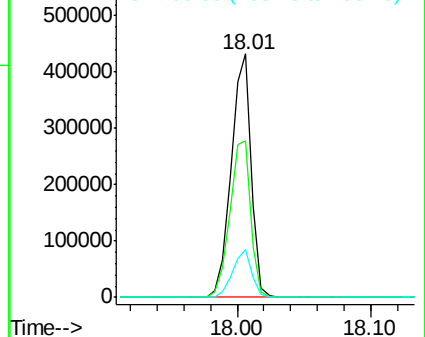
206 19.7 17.0 25.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 51.69 ng

RT: 18.68 min Scan# 2847

Delta R.T. 0.05 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

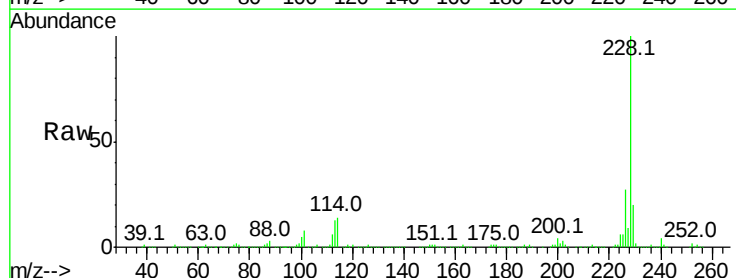
Tgt Ion:228 Resp: 713524

Ion Ratio Lower Upper

228 100

226 27.0 22.6 33.8

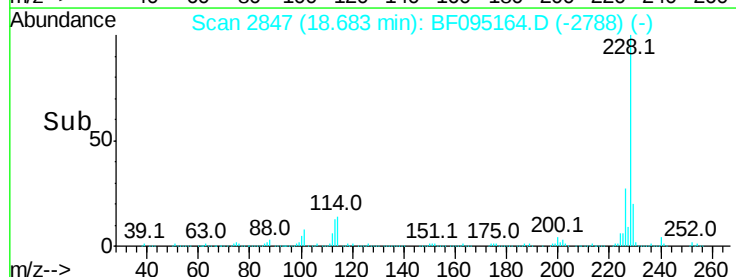
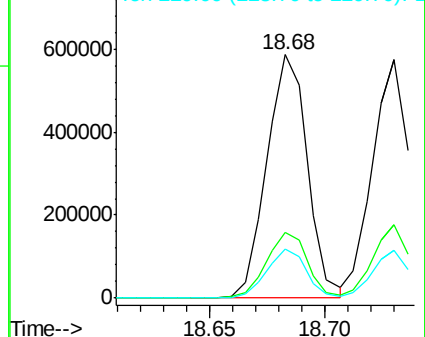
229 20.3 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

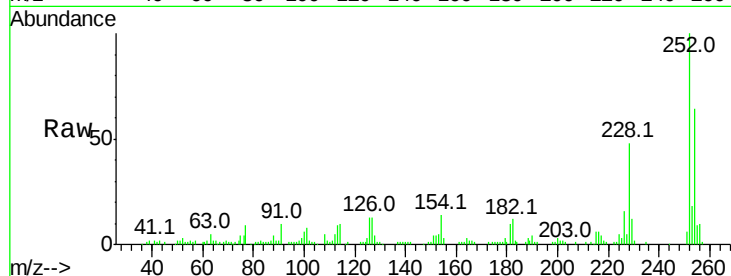




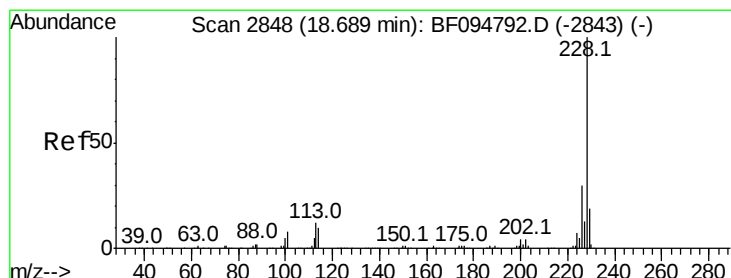
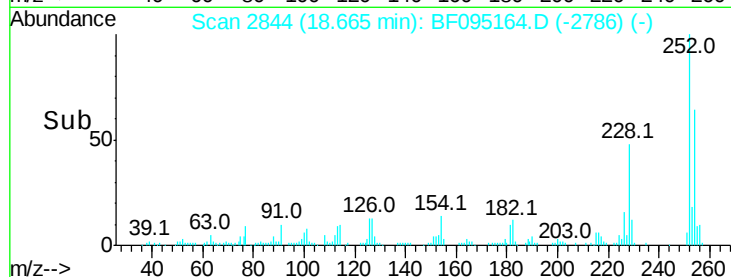
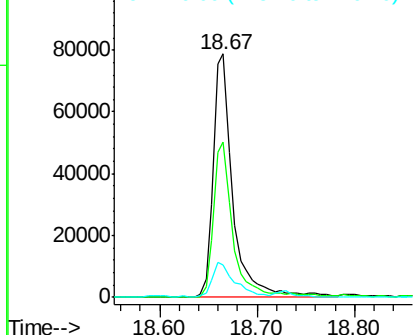
#81
 3,3'-Dichlorobenzidine
 Concen: 23.24 ng
 RT: 18.67 min Scan# 2844
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 110814
 Ion Ratio Lower Upper
 252 100
 254 63.9 51.5 77.3
 126 13.4 15.8 23.8#

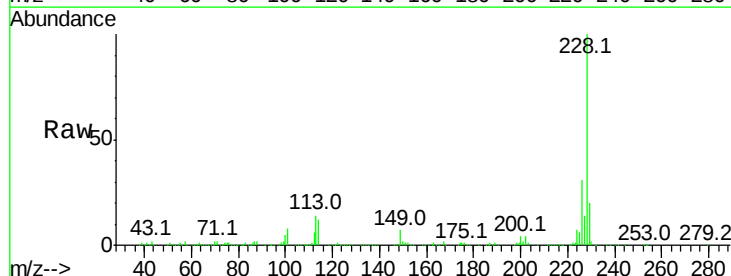


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

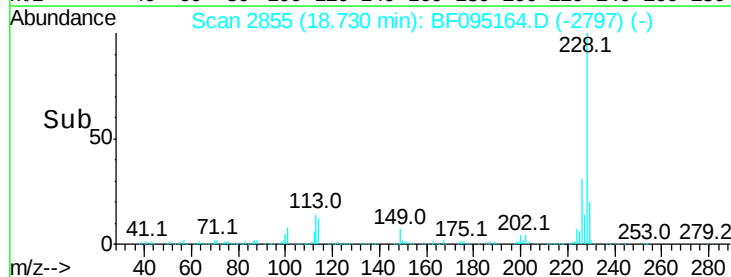
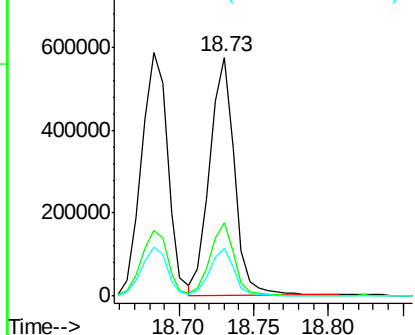


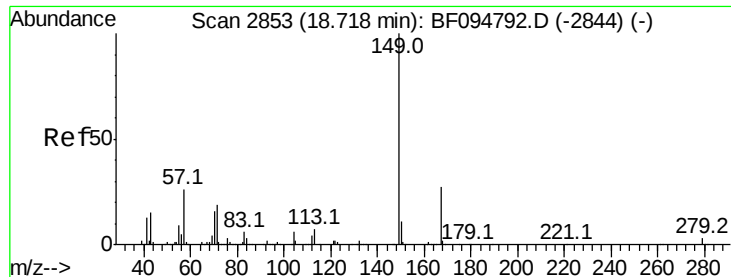
#82
 Chrysene
 Concen: 49.67 ng
 RT: 18.73 min Scan# 2855
 Delta R.T. 0.04 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion:228 Resp: 662943
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.9 37.3
 229 20.1 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: 55.68 ng

RT: 18.75 min Scan# 2858

Delta R.T. 0.03 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

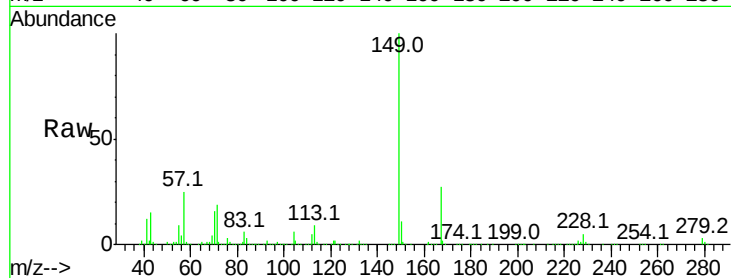
Tot Ion:149 Resp: 654626

Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

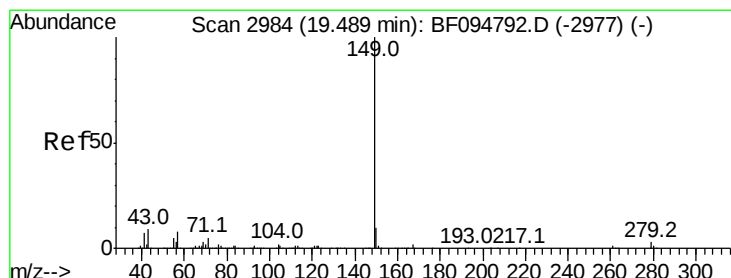
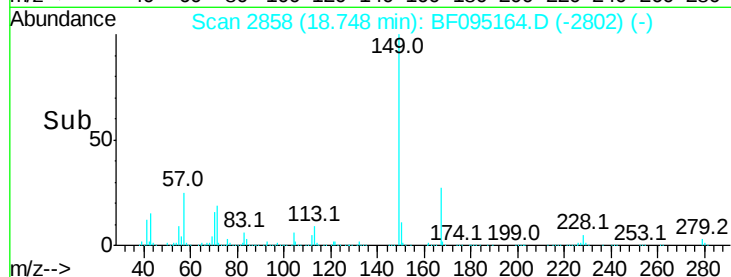
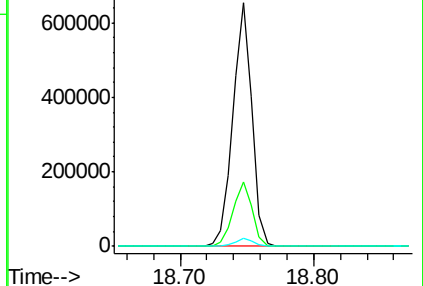
279 3.2 1.9 2.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 52.23 ng

RT: 19.52 min Scan# 2989

Delta R.T. 0.03 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

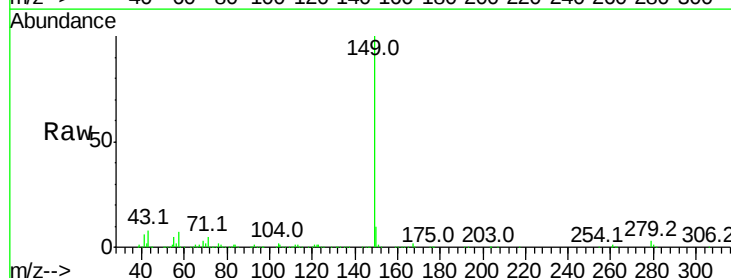
Tgt Ion:149 Resp: 1006657

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

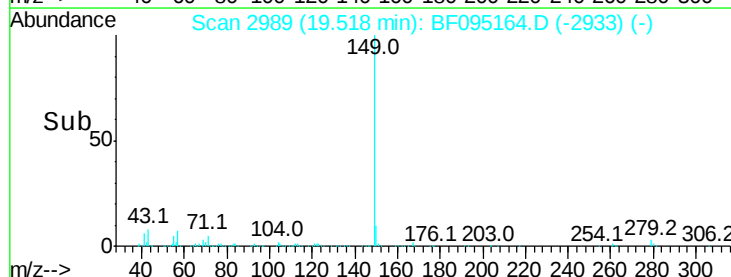
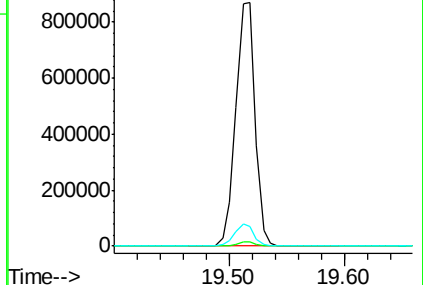
43 8.8 8.5 12.7

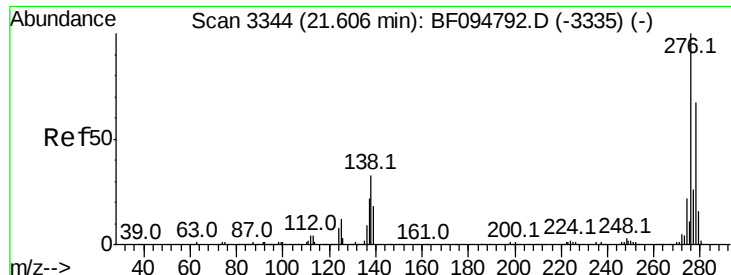


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0

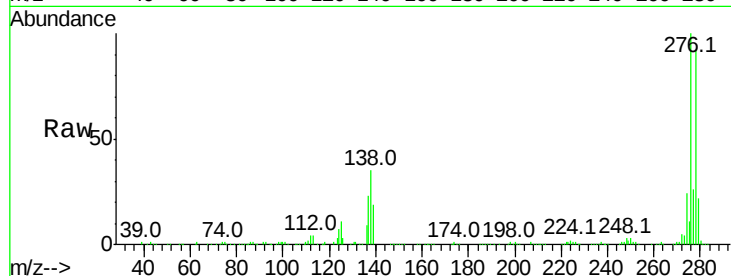




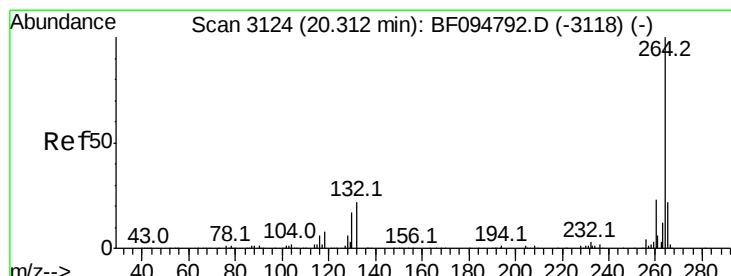
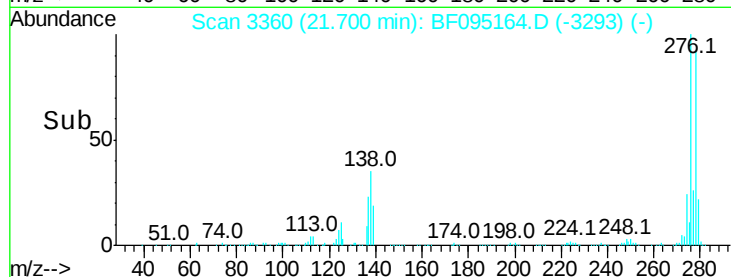
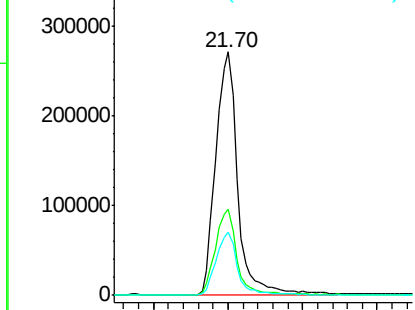
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 51.84 ng
 RT: 21.70 min Scan# 3360
 Delta R.T. 0.09 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 561894
 Ion Ratio Lower Upper
 276 100
 138 34.2 27.8 41.6
 277 25.1 20.2 30.4

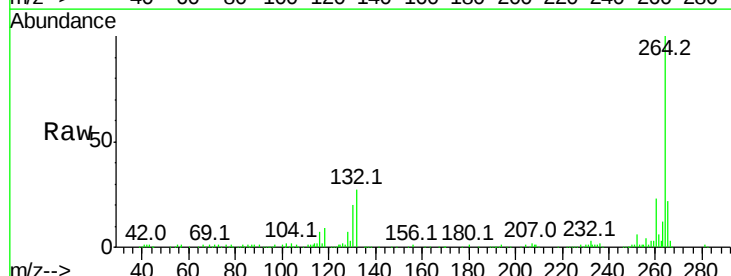


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

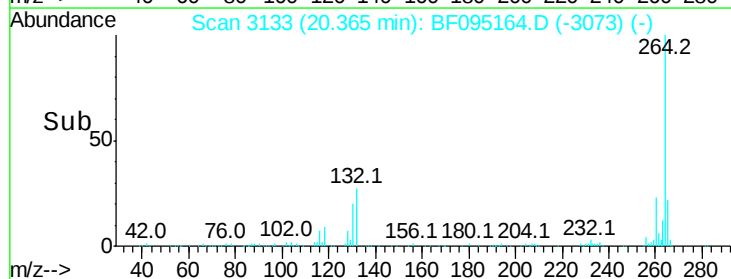
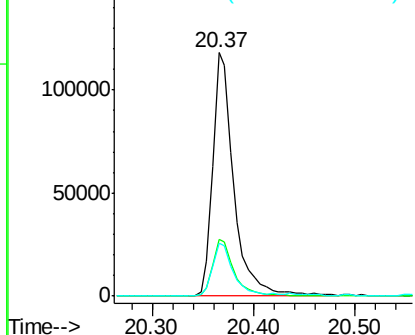


#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.37 min Scan# 3133
 Delta R.T. 0.05 min
 Lab File: BF095164.D
 Acq: 16 May 2017 19:25

Tgt Ion:264 Resp: 170949
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.9 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

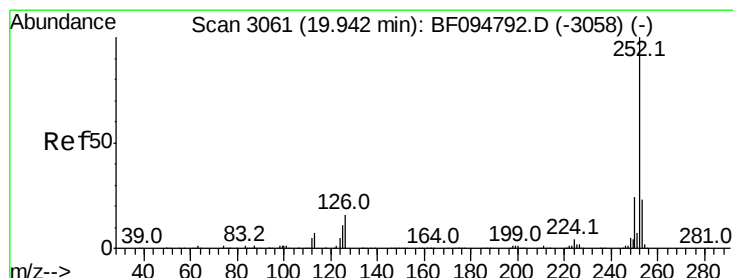
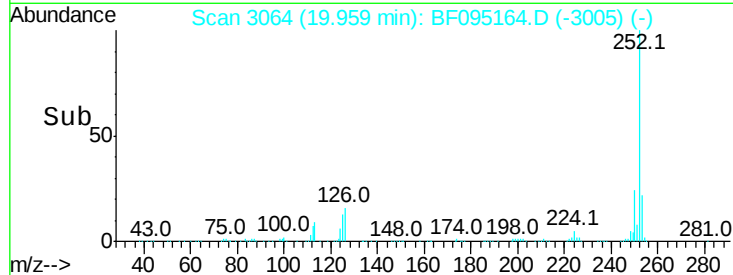
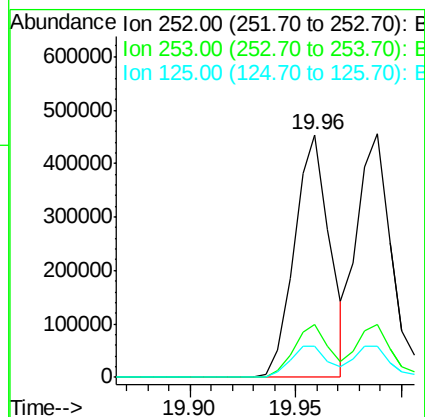
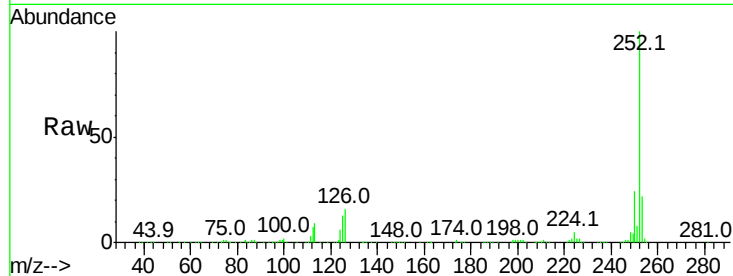




#87
Benzo(b)fluoranthene
Concen: 50.02 ng
RT: 19.96 min Scan# 3064
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

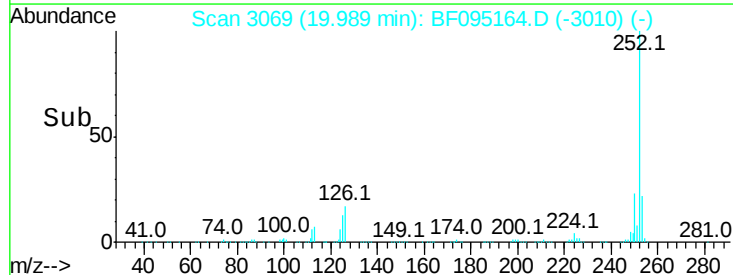
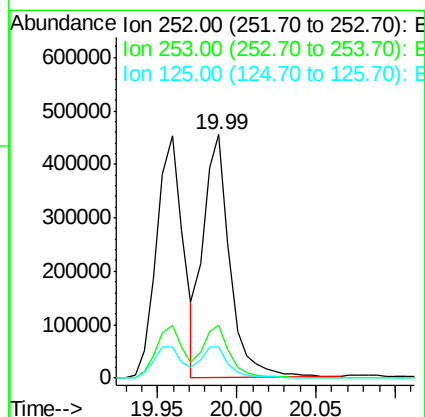
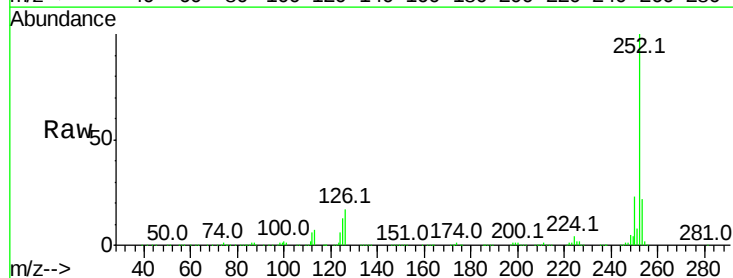
Instrument :
BNA_F
ClientSampleId :

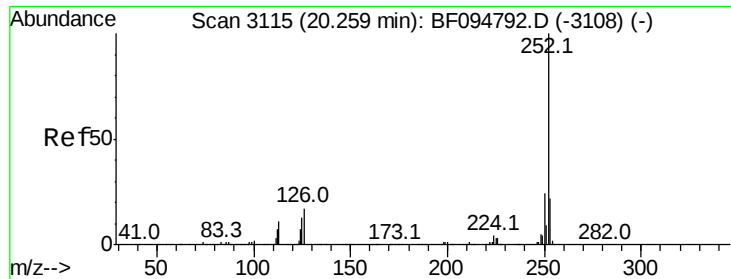
Tot Ion:252 Resp: 528358
Ion Ratio Lower Upper
252 100
253 21.8 18.1 27.1
125 12.8 9.8 14.8



#88
Benzo(k)fluoranthene
Concen: 51.66 ng
RT: 19.99 min Scan# 3069
Delta R.T. 0.05 min
Lab File: BF095164.D
Acq: 16 May 2017 19:25

Tgt Ion:252 Resp: 526422
Ion Ratio Lower Upper
252 100
253 21.6 18.4 27.6
125 12.5 13.1 19.7#





#89

Benzo(a)pyrene

Concen: 50.11 ng

RT: 20.31 min Scan# 3124

Delta R.T. 0.05 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

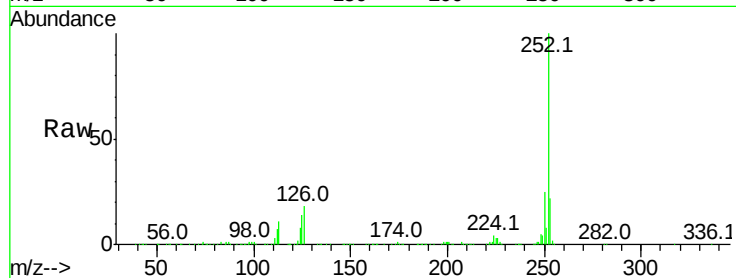
Tot Ion:252 Resp: 488431

Ion Ratio Lower Upper

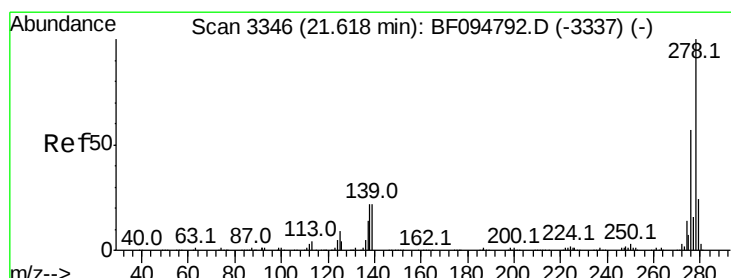
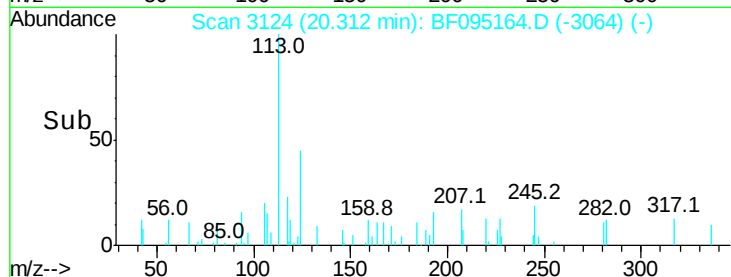
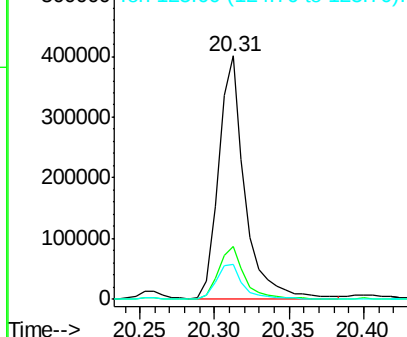
252 100

253 21.8 17.5 26.3

125 14.2 11.0 16.4



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



#90

Dibenzo(a,h)anthracene

Concen: 55.11 ng

RT: 21.70 min Scan# 3360

Delta R.T. 0.08 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

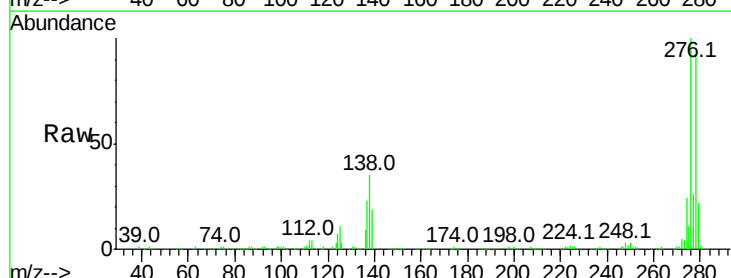
Tgt Ion:278 Resp: 443666

Ion Ratio Lower Upper

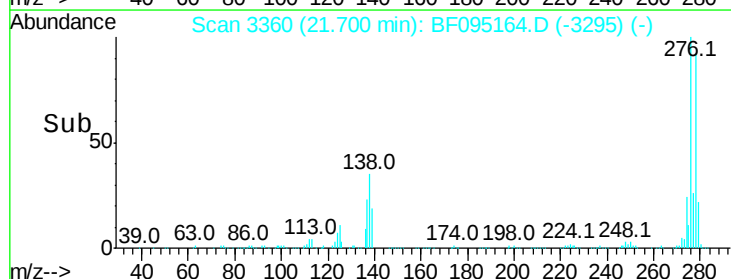
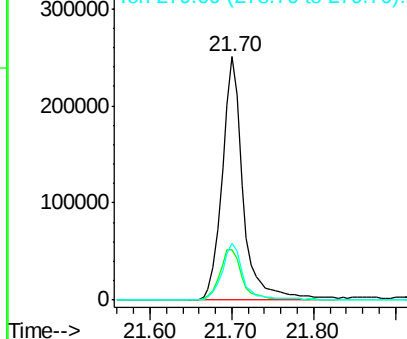
278 100

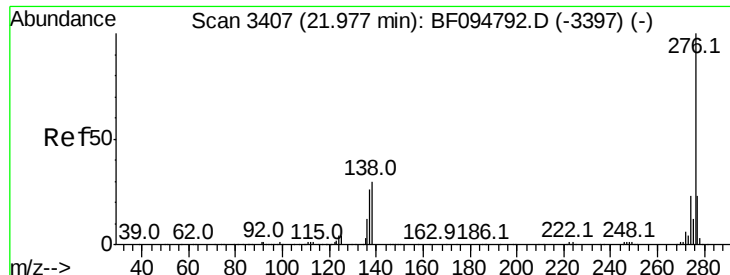
139 20.8 16.6 24.8

279 23.5 19.3 28.9



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 62.42 ng

RT: 22.08 min Scan# 3425

Delta R.T. 0.11 min

Lab File: BF095164.D

Acq: 16 May 2017 19:25

Instrument :

BNA_F

ClientSampleId :

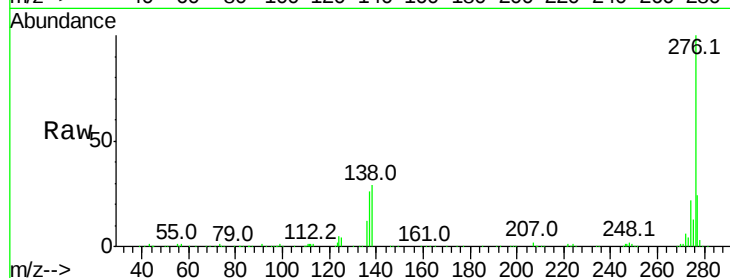
Tot Ion: 276 Resp: 493127

Ion Ratio Lower Upper

276 100

277 23.5 18.6 28.0

138 29.1 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

