

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
 Data File : BF097774.D
 Acq On : 17 Aug 2017 8:14
 Operator : SJ/JU
 Sample : I4773-03
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-NSW

Quant Time: Aug 17 08:38:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	143955	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	541763	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	219546	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	327100	20.00	ng	0.00
75) Chrysene-d12	13.93	240	268180	20.00	ng	0.00
86) Perylene-d12	15.37	264	226876	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	731876	77.33	ng	0.00
7) Phenol-d6	6.41	99	996731	77.51	ng	0.00
23) Nitrobenzene-d5	7.34	82	605904	60.76	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	140337	73.67	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	850699	56.93	ng	0.00
78) Terphenyl-d14	12.89	244	465516	36.20	ng	0.00

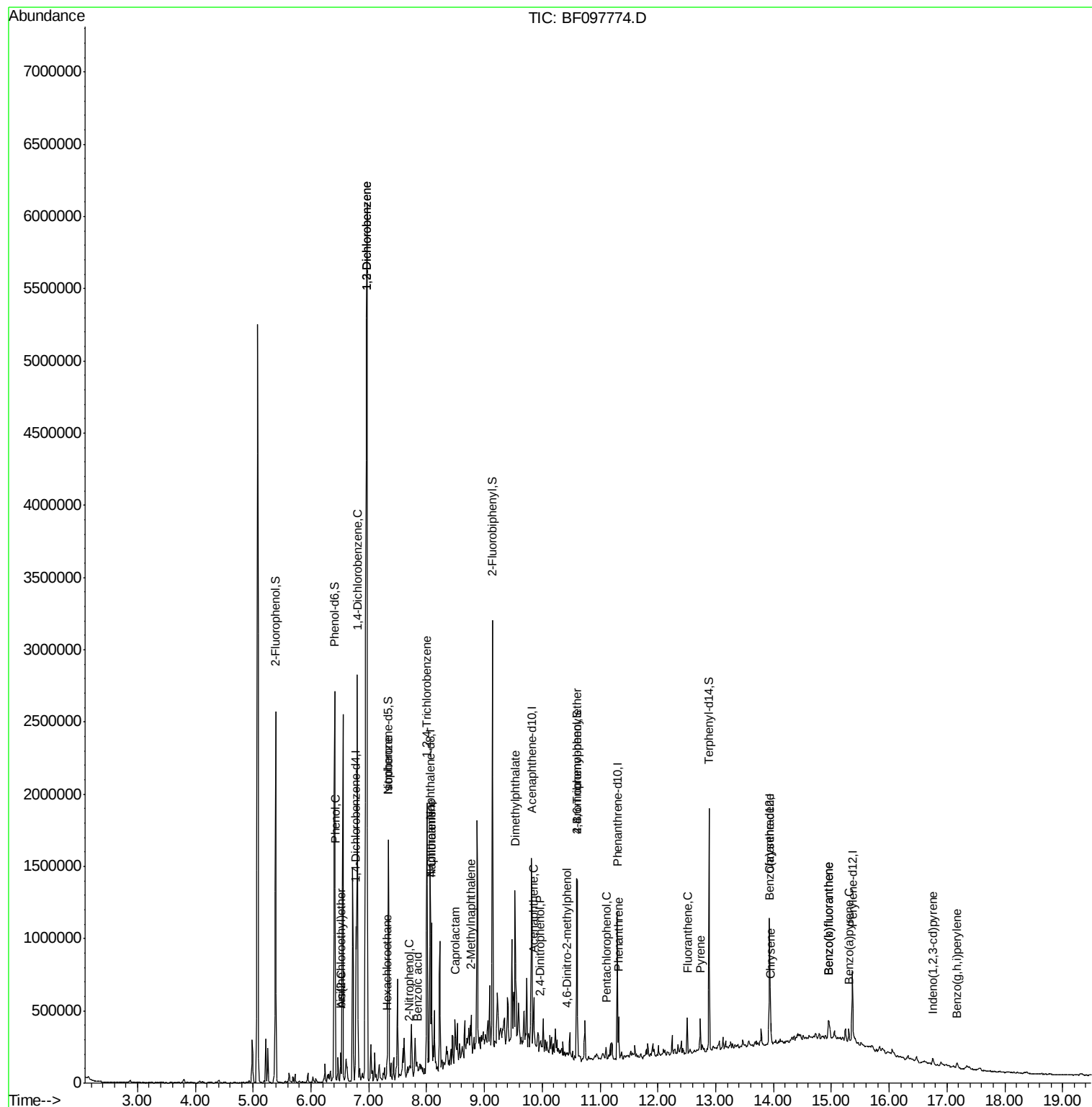
Target Compounds						Qvalue
6) Aniline	6.52	93	48927	2.71	ng	# 54
10) Phenol	6.42	94	34925	2.32	ng	89
11) bis(2-Chloroethyl)ether	6.52	93	48927	4.31	ng	96
12) 1,3-Dichlorobenzene	6.96	146	2008464	187.08	ng	96
13) 1,4-Dichlorobenzene	6.80	146	601820	55.12	ng	# 92
14) 1,2-Dichlorobenzene	6.96	146	2008838	199.53	ng	99
18) Hexachloroethane	7.32	117	22897	5.35	ng	# 36
25) Isophorone	7.34	82	602770	29.07	ng	# 67
26) 2-Nitrophenol	7.71	139	121	5.28	ng	# 1
30) 1,2,4-Trichlorobenzene	8.00	180	301841	37.93	ng	99
31) Naphthalene	8.09	128	375543	13.35	ng	99
32) Benzoic acid	7.85	122	9965	7.77	ng	# 35
33) 4-Chloroaniline	8.09	127	46298	3.90	ng	# 34
35) Caprolactam	8.49	113	6541	2.68	ng	# 32
37) 2-Methylnaphthalene	8.77	142	65093	3.77	ng	95
49) Dimethylphthalate	9.53	163	195027	12.15	ng	# 98
51) Acenaphthene	9.85	154	72052	4.92	ng	99
53) 2,4-Dinitrophenol	9.96	184	135	10.22	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.43	198	120	8.39	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	9468	2.79	ng	# 1
69) Pentachlorophenol	11.10	266	4468	2.21	ng	90
70) Phenanthrene	11.32	178	85521	4.91	ng	99
74) Fluoranthene	12.51	202	93475	5.14	ng	97
77) Pyrene	12.73	202	91336	4.16	ng	96
80) Benzo(a)anthracene	13.92	228	48261	3.00	ng	94
82) Chrysene	13.96	228	48944	3.06	ng	97
85) Indeno(1,2,3-cd)pyrene	16.76	276	25254	2.15	ng	# 87
87) Benzo(b)fluoranthene	14.95	252	92206	6.45	ng	# 97
88) Benzo(k)fluoranthene	14.95	252	92206	6.86	ng	99
89) Benzo(a)pyrene	15.30	252	44957	3.55	ng	# 97
91) Benzo(g,h,i)perylene	17.17	276	24218	2.25	ng	# 91

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

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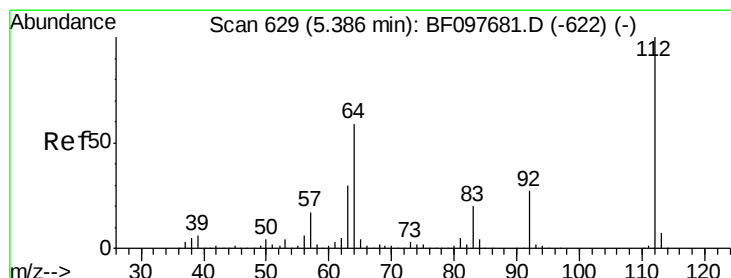
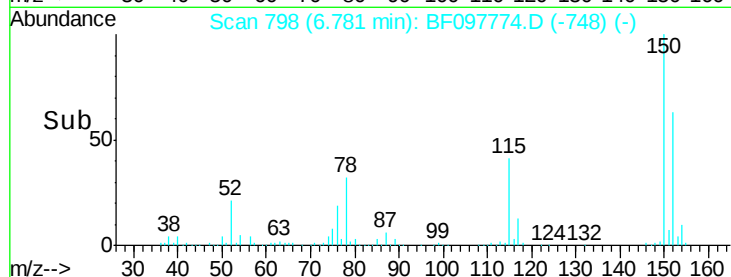
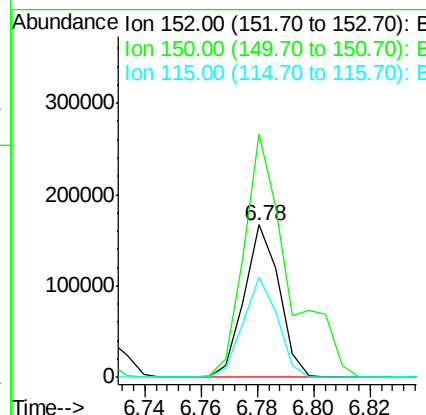
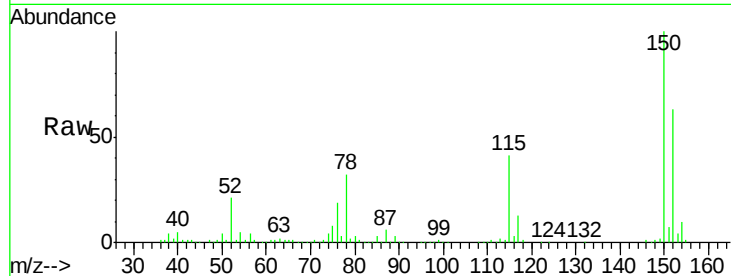




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF097774.D
 Acq: 17 Aug 2017 8:14

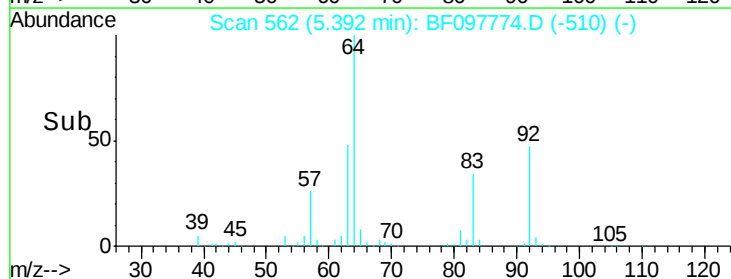
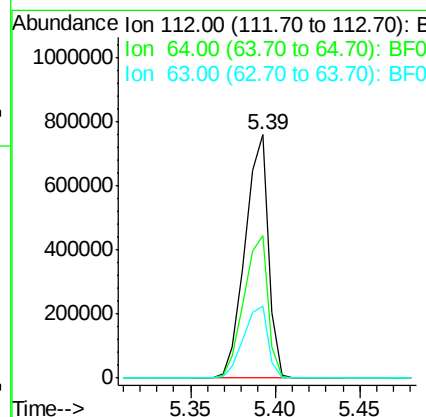
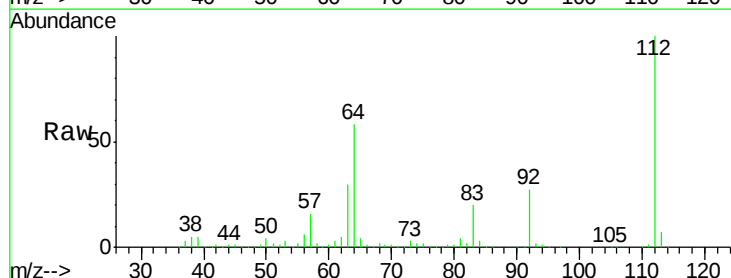
Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-NSW

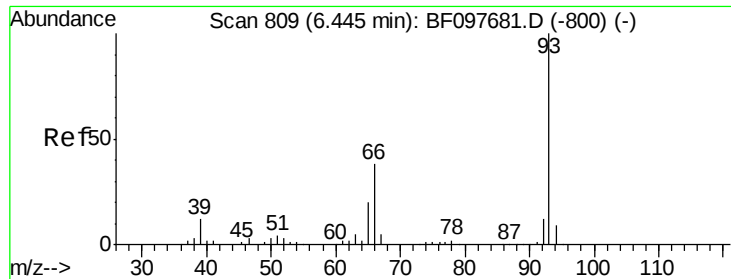
Tot Ion:152 Resp: 143955
 Ion Ratio Lower Upper
 152 100
 150 160.0 126.2 189.2
 115 65.7 52.2 78.2



#5
 2-Fluorophenol
 Concen: 77.33 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF097774.D
 Acq: 17 Aug 2017 8:14

Tgt Ion:112 Resp: 731876
 Ion Ratio Lower Upper
 112 100
 64 58.5 46.0 69.0
 63 29.5 23.4 35.0





#6

Aniline

Concen: 2.71 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.07 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

Instrument :

BNA_F

ClientSampled :

E2-J10-NSW

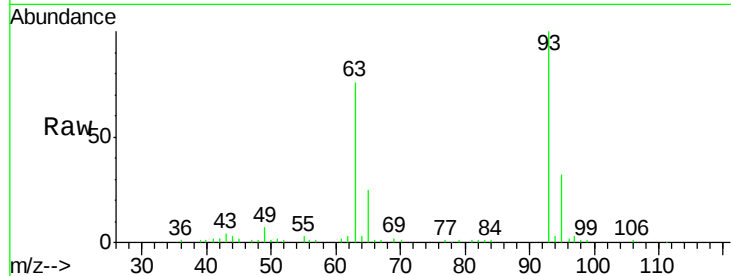
Tot Ion: 93 Resp: 48927

Ion Ratio Lower Upper

93 100

66 0.9 32.9 49.3#

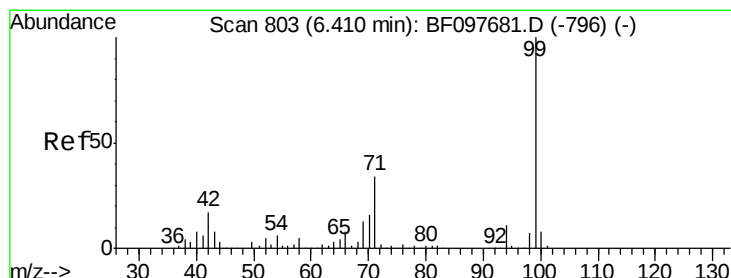
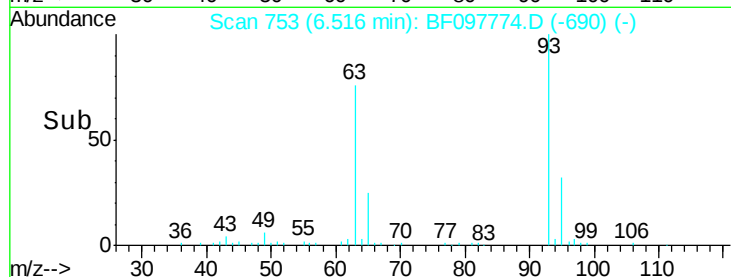
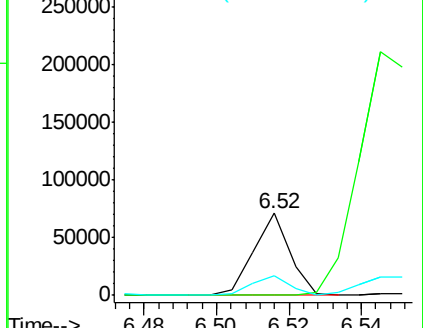
65 24.5 16.0 24.0#



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: 77.51 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

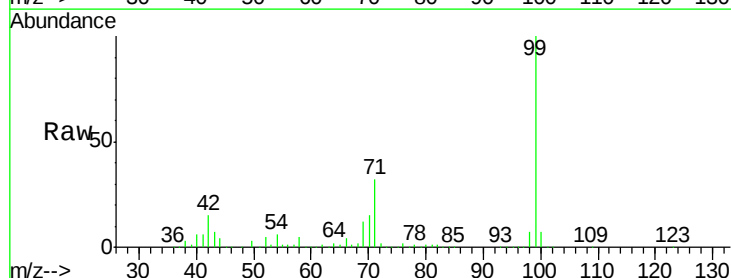
Tgt Ion: 99 Resp: 996731

Ion Ratio Lower Upper

99 100

42 15.2 13.5 20.3

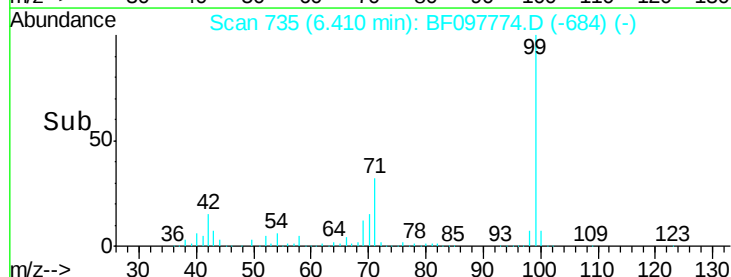
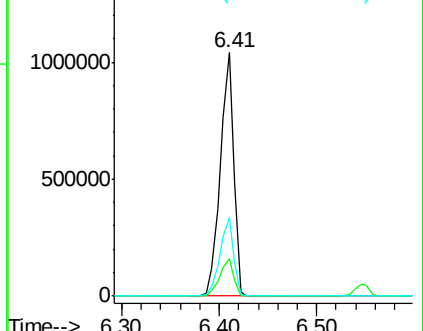
71 32.0 24.5 36.7

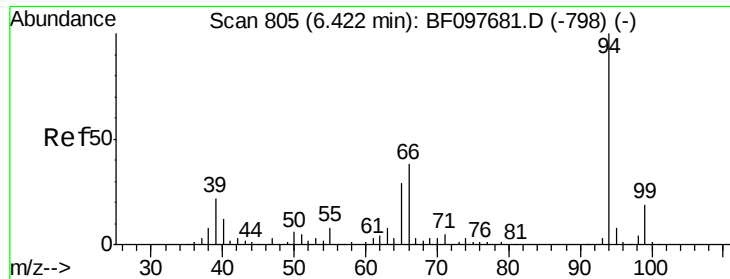


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#10

Phenol

Concen: 2.32 ng

RT: 6.42 min Scan# 737

Delta R.T. 0.00 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

Instrument :

BNA_F

ClientSampleId :

E2-J10-NSW

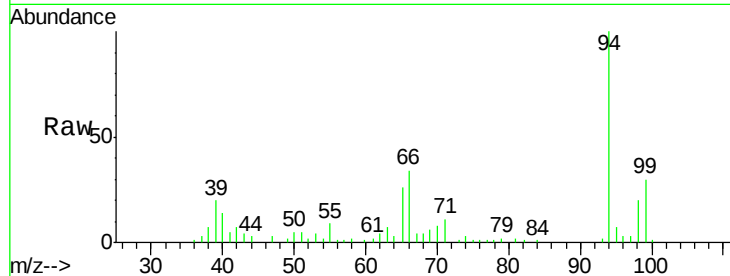
Tot Ion: 94 Resp: 34925

Ion Ratio Lower Upper

94 100

65 26.0 9.9 49.9

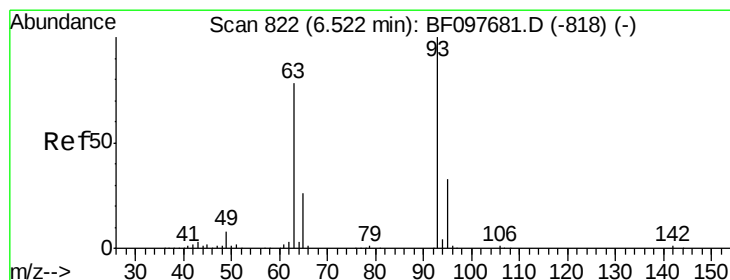
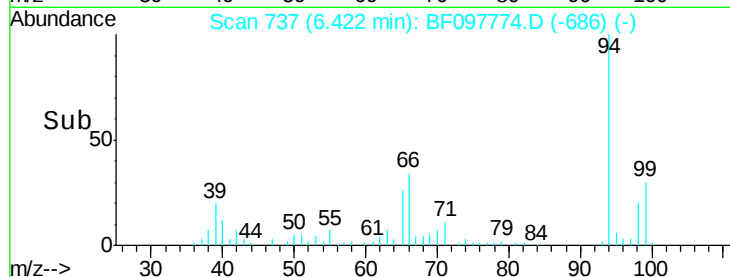
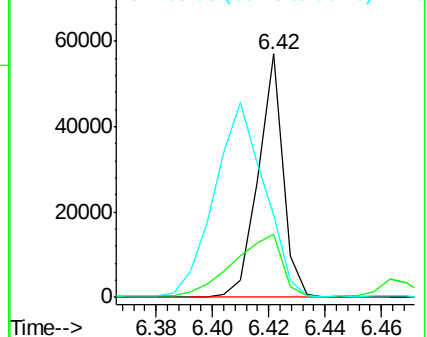
66 33.9 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



#11

bis(2-Chloroethyl)ether

Concen: 4.31 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

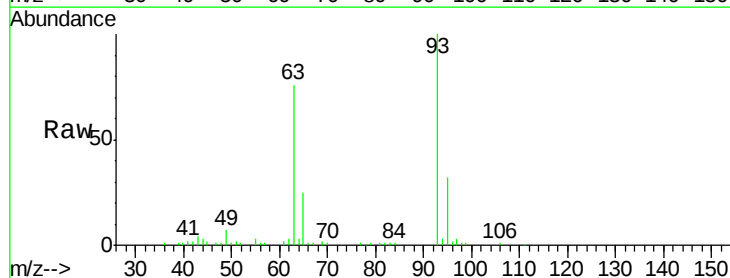
Tgt Ion: 93 Resp: 48927

Ion Ratio Lower Upper

93 100

63 75.5 59.2 99.2

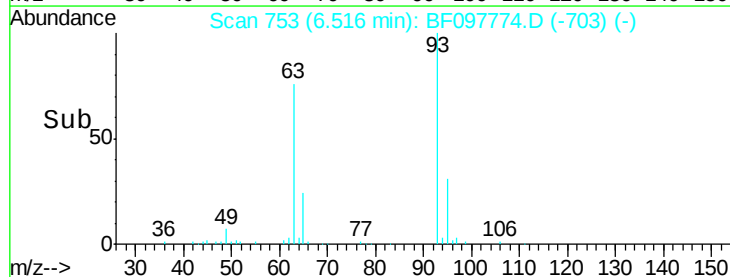
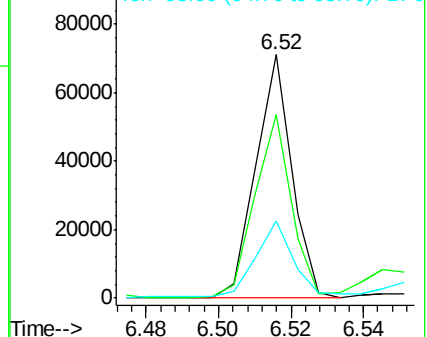
95 31.6 12.8 52.8

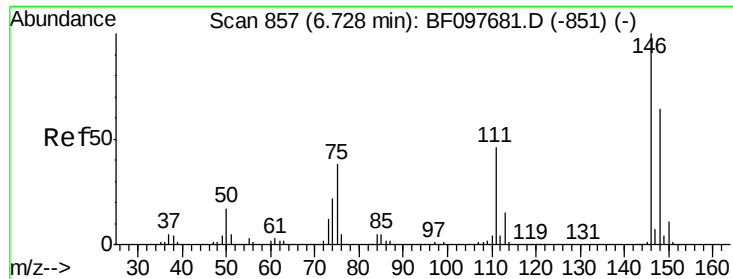


Abundance Ion 93.00 (92.70 to 93.70): BF0

Ion 63.00 (62.70 to 63.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

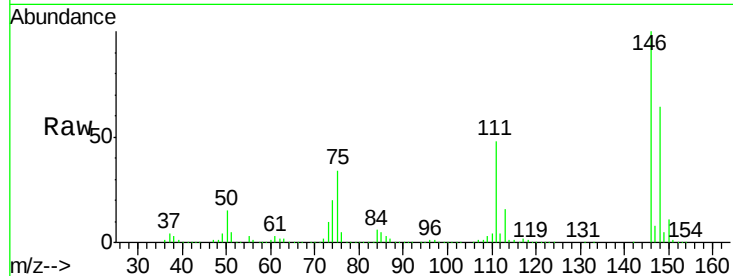




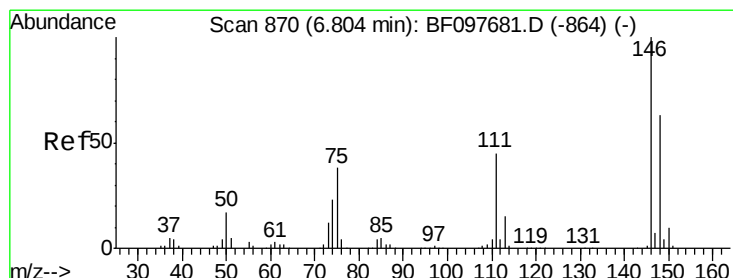
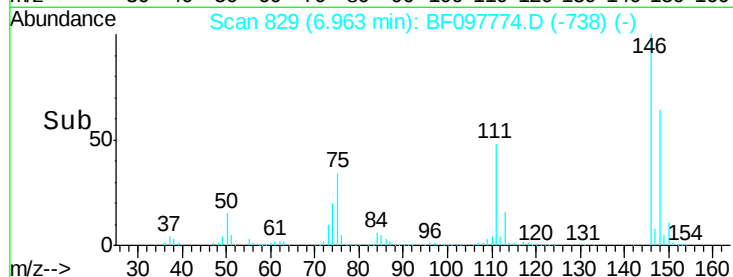
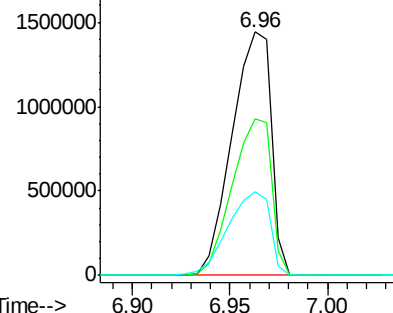
#12
 1,3-Dichlorobenzene
 Concen: 187.08 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.24 min
 Lab File: BF097774.D
 Acq: 17 Aug 2017 8:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-NSW

Tot Ion:146 Resp: 2008464
 Ion Ratio Lower Upper
 146 100
 148 64.3 51.8 77.6
 75 34.5 23.1 34.7

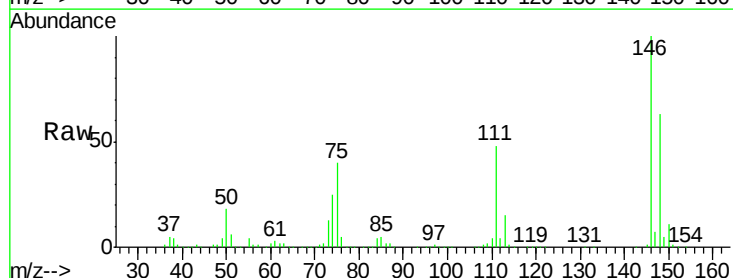


Abundance Ion 146.00 (145.70 to 146.70): E
 2000000 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF0

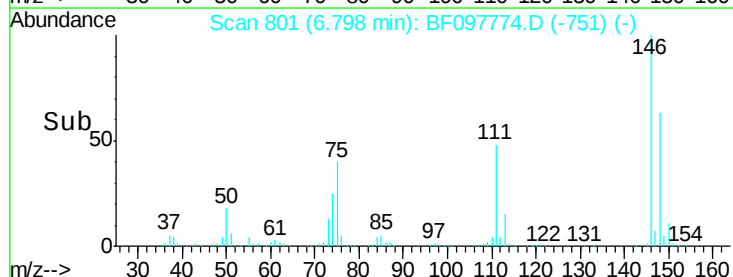
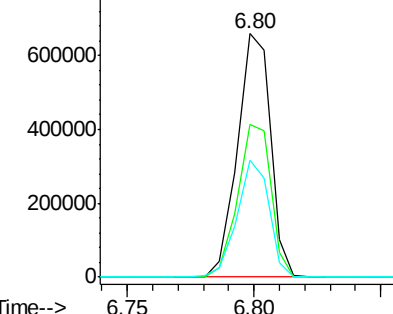


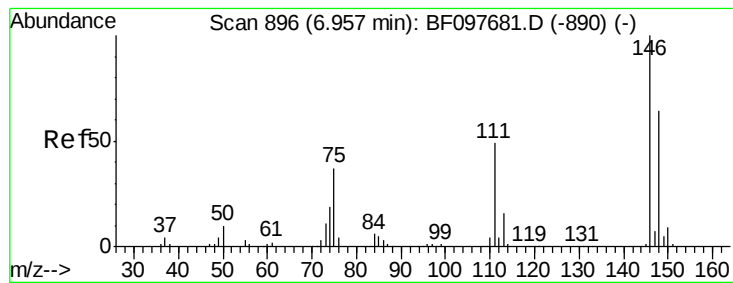
#13
 1,4-Dichlorobenzene
 Concen: 55.12 ng
 RT: 6.80 min Scan# 801
 Delta R.T. -0.01 min
 Lab File: BF097774.D
 Acq: 17 Aug 2017 8:14

Tgt Ion:146 Resp: 601820
 Ion Ratio Lower Upper
 146 100
 148 62.6 52.2 78.2
 111 47.8 30.3 45.5#



Abundance Ion 146.00 (145.70 to 146.70): E
 800000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

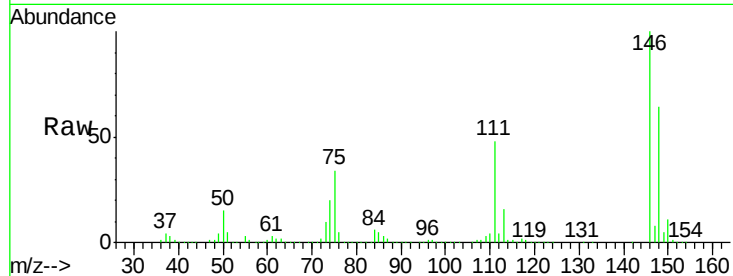




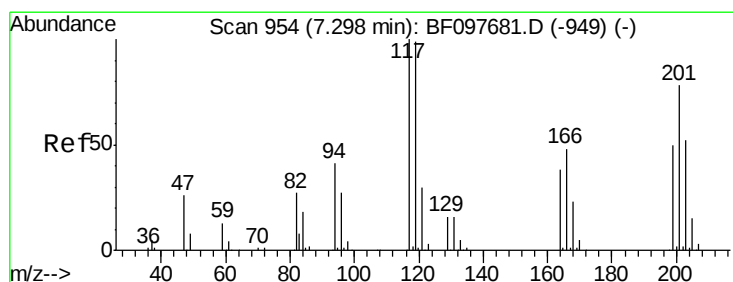
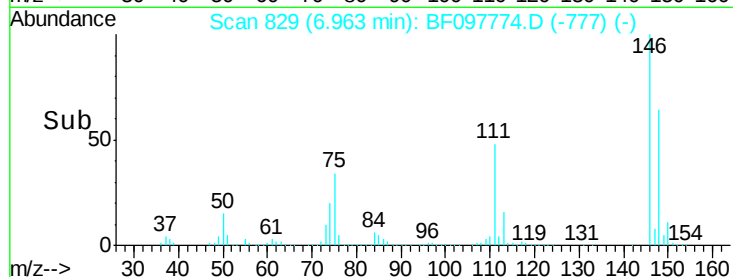
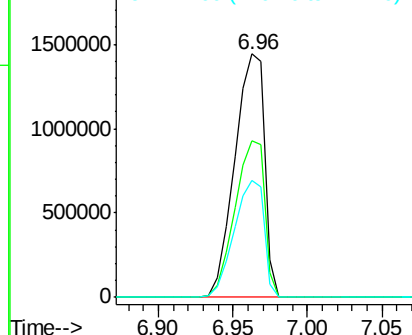
#14
 1,2-Dichlorobenzene
 Concen: 199.53 ng
 RT: 6.96 min Scan# 829
 Delta R.T. 0.01 min
 Lab File: BF097774.D
 Acq: 17 Aug 2017 8:14

Instrument :
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 ClientSampleId :
 E2-J10-NSW

Tot Ion:146 Resp: 2008838
 Ion Ratio Lower Upper
 146 100
 148 64.3 50.4 75.6
 111 48.3 38.2 57.4

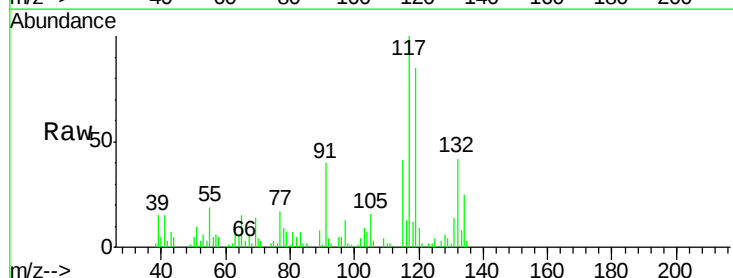


Abundance Ion 146.00 (145.70 to 146.70): E
 2000000 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

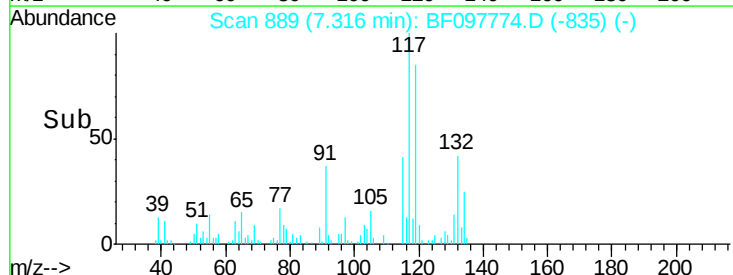
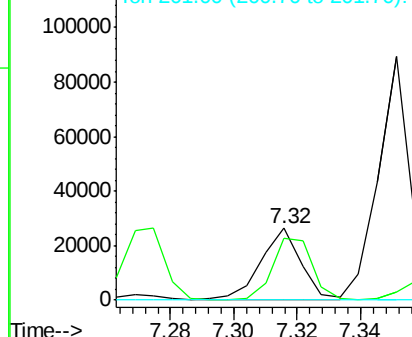


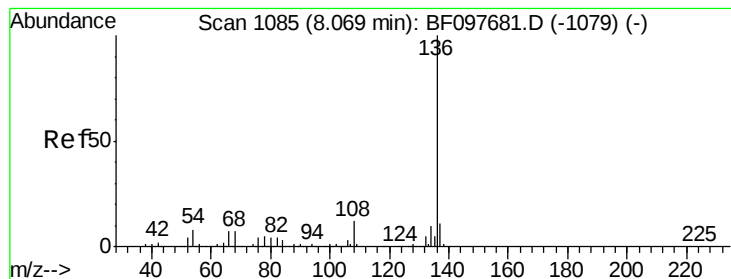
#18
 Hexachloroethane
 Concen: 5.35 ng
 RT: 7.32 min Scan# 889
 Delta R.T. 0.02 min
 Lab File: BF097774.D
 Acq: 17 Aug 2017 8:14

Tgt Ion:117 Resp: 22897
 Ion Ratio Lower Upper
 117 100
 119 85.3 77.4 116.0
 201 0.0 94.6 141.8#



Abundance Ion 117.00 (116.70 to 117.70): E
 120000 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 1016

Delta R.T. -0.01 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

Instrument :

BNA_F

ClientSampleId :

E2-J10-NSW

Tot Ion:136 Resp: 541763

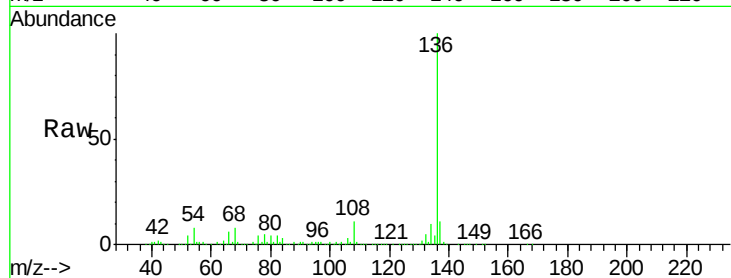
Ion Ratio Lower Upper

136 100

137 11.2 8.5 12.7

54 8.0 4.9 7.3#

68 7.8 4.1 6.1#

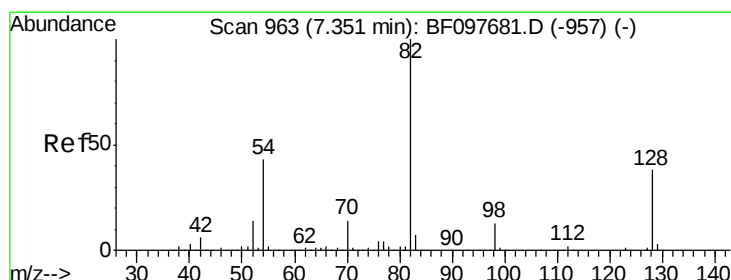
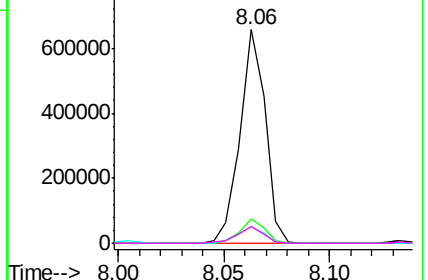
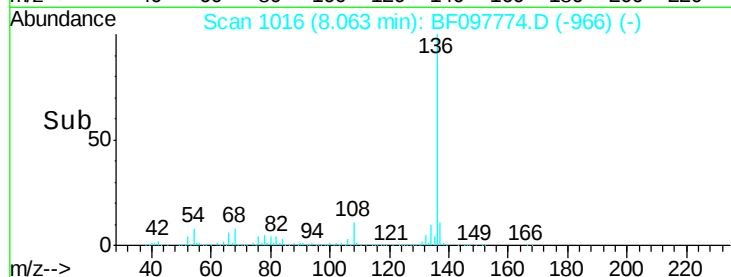


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 60.76 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

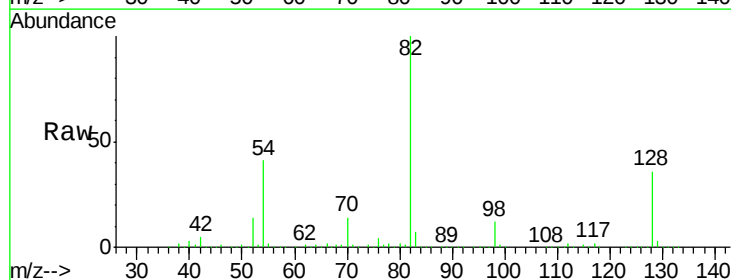
Tgt Ion: 82 Resp: 605904

Ion Ratio Lower Upper

82 100

128 36.4 34.0 51.0

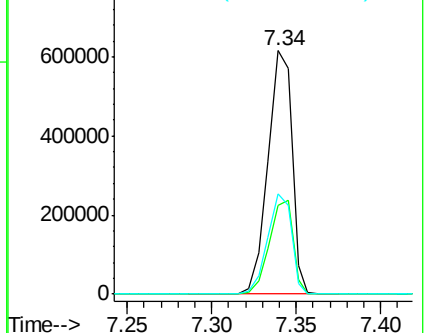
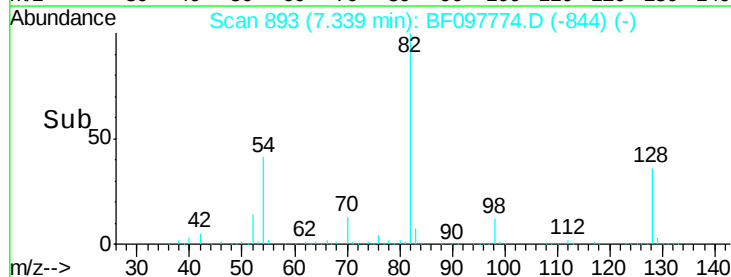
54 41.1 42.2 63.2#

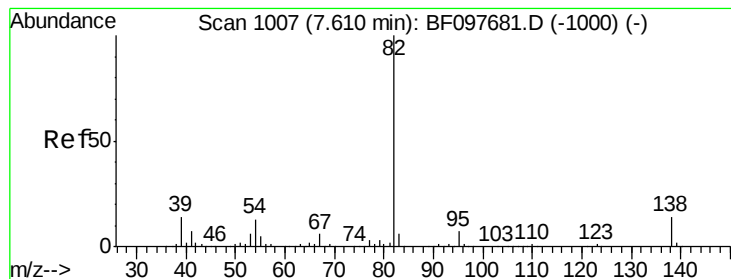


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 29.07 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.27 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

Instrument :

BNA_F

ClientSampleId :

E2-J10-NSW

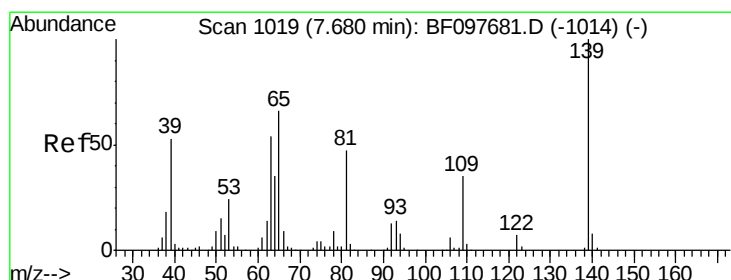
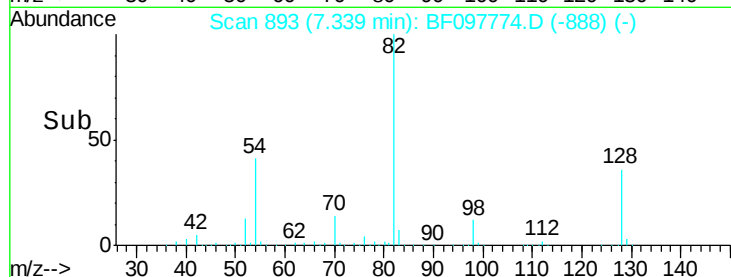
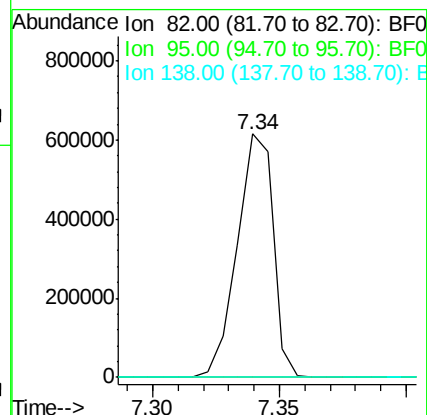
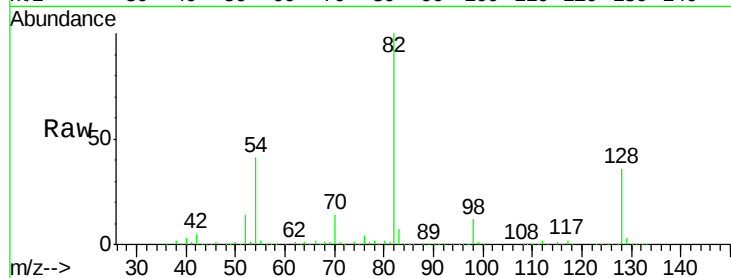
Tot Ion: 82 Resp: 602770

Ion Ratio Lower Upper

82 100

95 0.2 5.3 7.9#

138 0.0 13.1 19.7#



#26

2-Nitrophenol

Concen: 5.28 ng

RT: 7.71 min Scan# 956

Delta R.T. 0.03 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

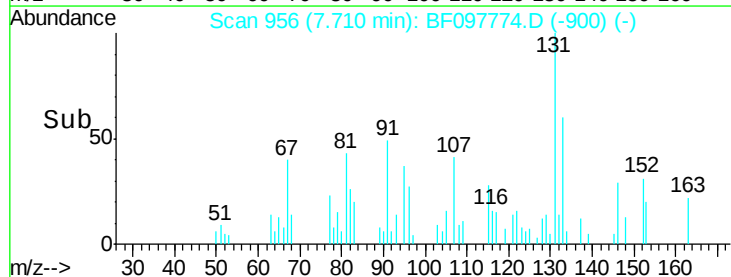
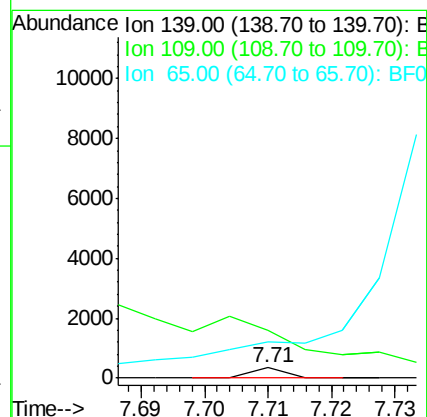
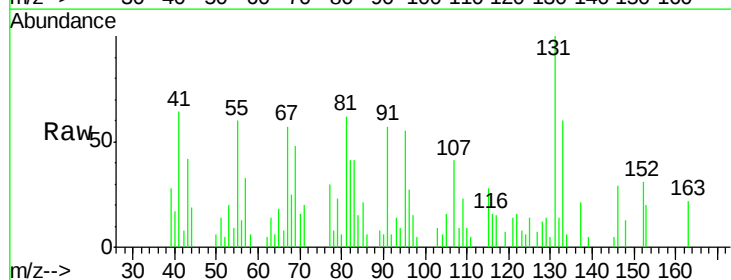
Tgt Ion: 139 Resp: 121

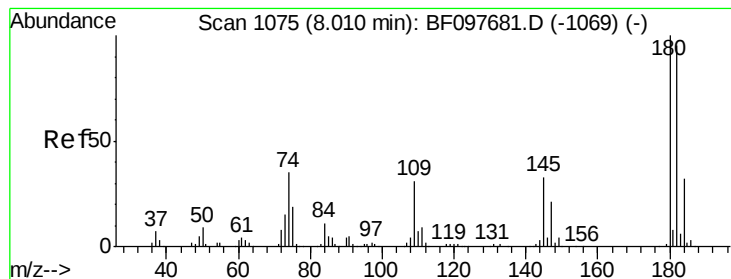
Ion Ratio Lower Upper

139 100

109 463.7 21.0 31.6#

65 356.1 33.0 49.6#





#30

1,2,4-Trichlorobenzene

Concen: 37.93 ng

RT: 8.00 min Scan# 1006

Delta R.T. -0.01 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

Instrument :

BNA_F

ClientSampleId :

E2-J10-NSW

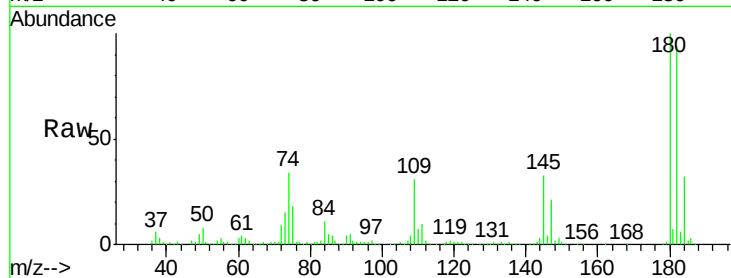
Tot Ion:180 Resp: 301841

Ion Ratio Lower Upper

180 100

182 93.8 75.8 113.6

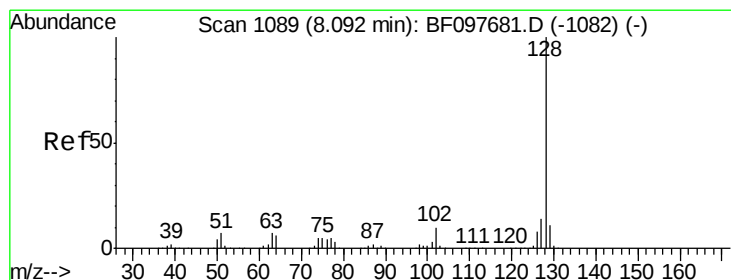
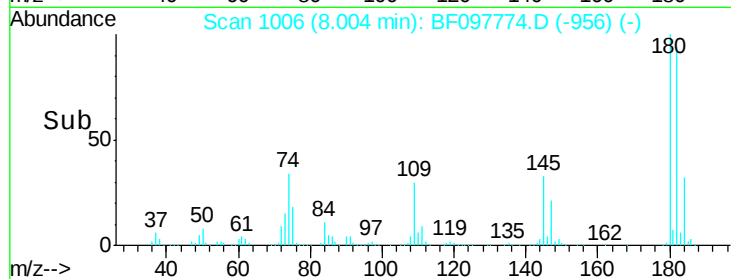
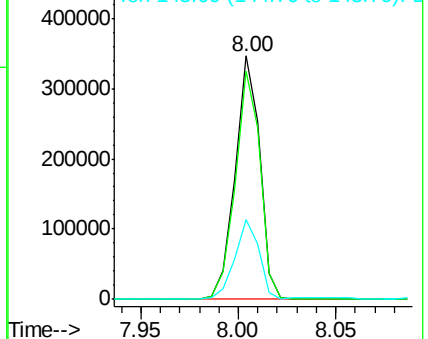
145 32.8 25.3 37.9



Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E



#31

Naphthalene

Concen: 13.35 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.01 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

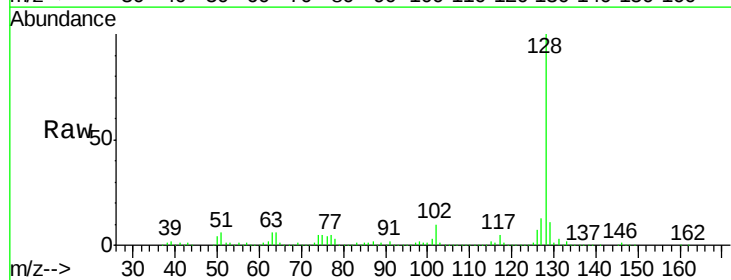
Tgt Ion:128 Resp: 375543

Ion Ratio Lower Upper

128 100

129 11.2 9.0 13.6

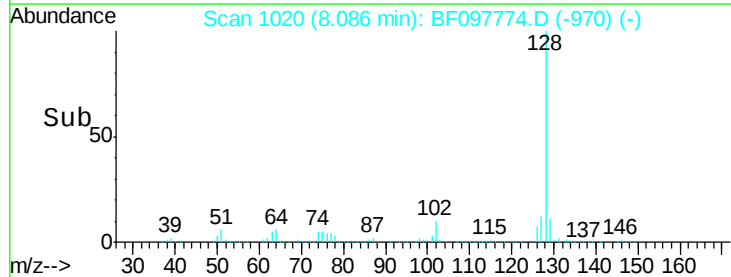
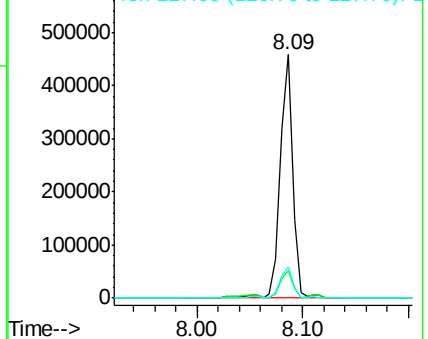
127 12.7 10.8 16.2

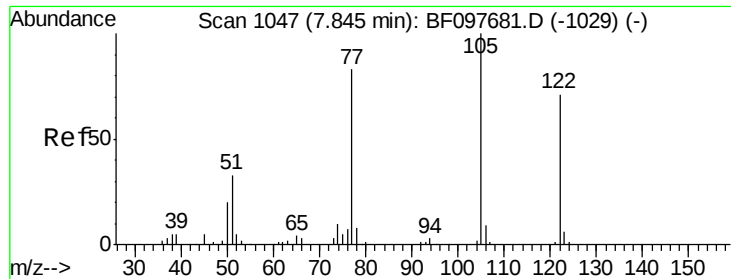


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

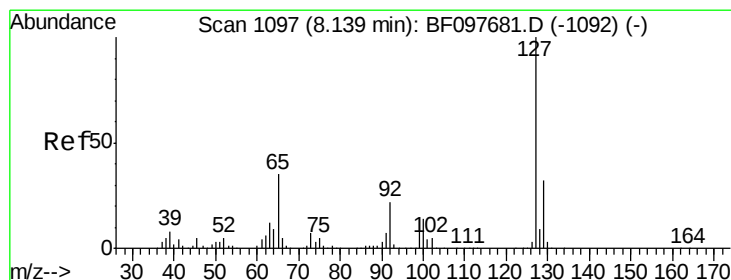
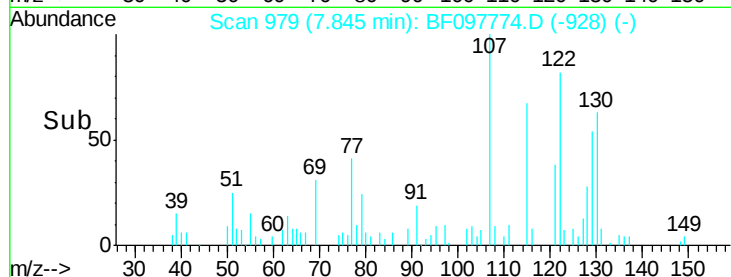
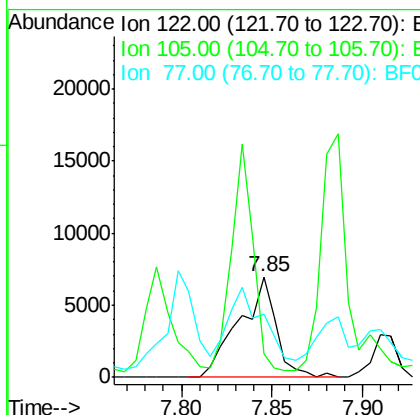
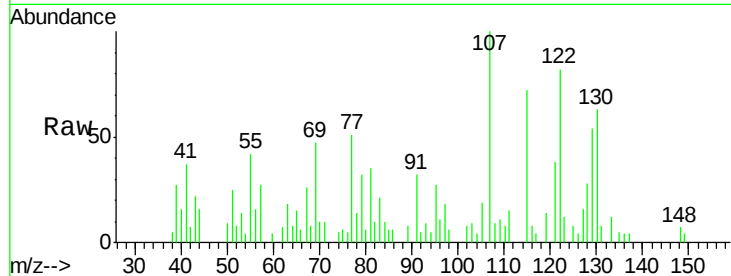




#32
Benzoic acid
Concen: 7.77 ng
RT: 7.85 min Scan# 979
Delta R.T. 0.00 min
Lab File: BF097774.D
Acq: 17 Aug 2017 8:14

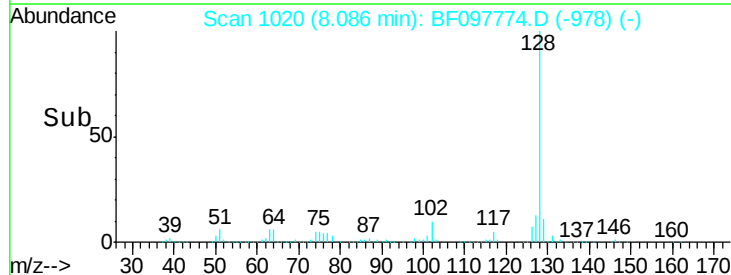
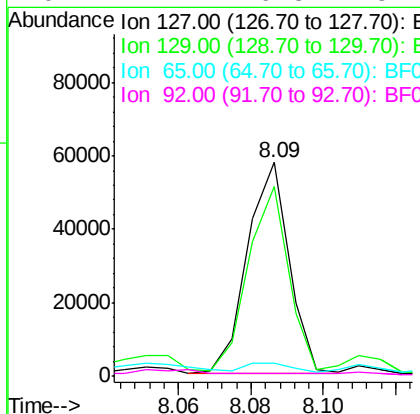
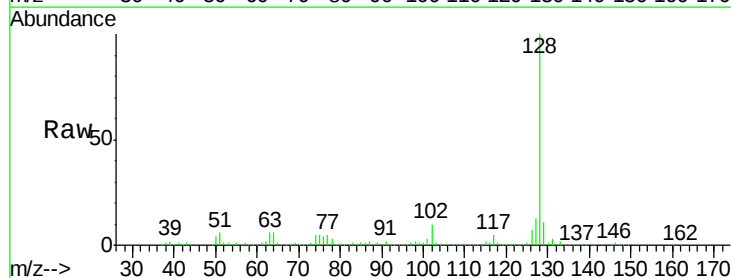
Instrument :
BNA_F
ClientSampleId :
E2-J10-NSW

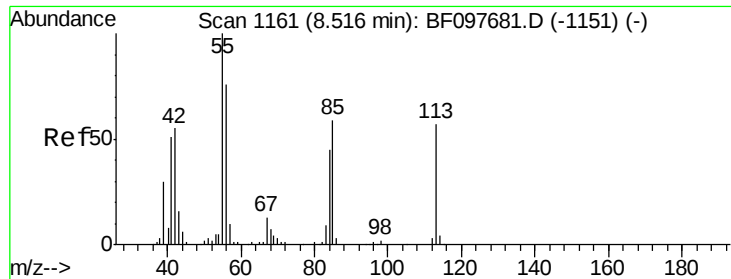
Tot Ion:122 Resp: 9965
Ion Ratio Lower Upper
122 100
105 23.0 103.3 143.3#
77 62.1 73.7 113.7#



#33
4-Chloroaniline
Concen: 3.90 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.05 min
Lab File: BF097774.D
Acq: 17 Aug 2017 8:14

Tgt Ion:127 Resp: 46298
Ion Ratio Lower Upper
127 100
129 88.6 26.2 39.2#
65 6.0 27.8 41.8#
92 1.4 16.8 25.2#

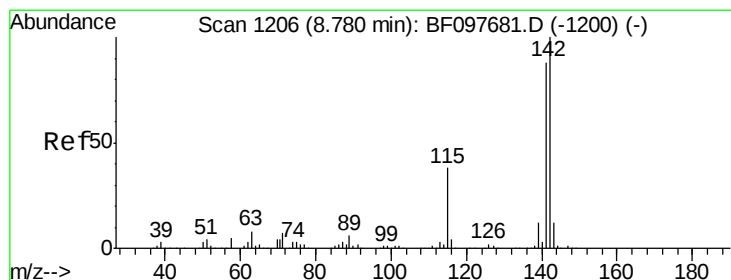
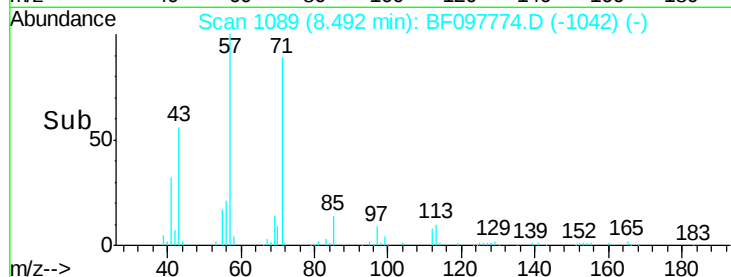
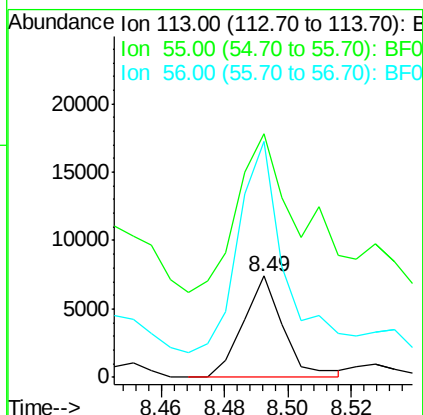
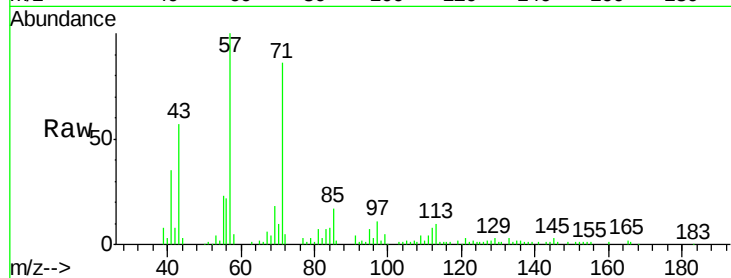




#35
 Caprolactam
 Concen: 2.68 ng
 RT: 8.49 min Scan# 1089
 Delta R.T. -0.02 min
 Lab File: BF097774.D
 Acq: 17 Aug 2017 8:14

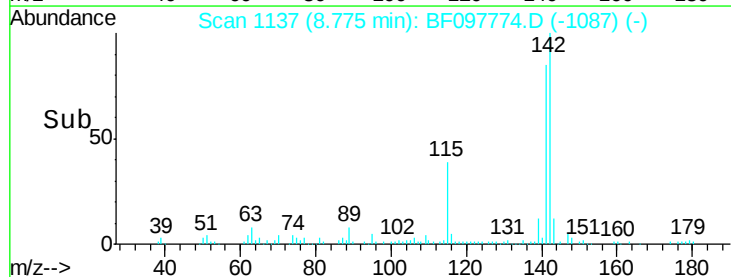
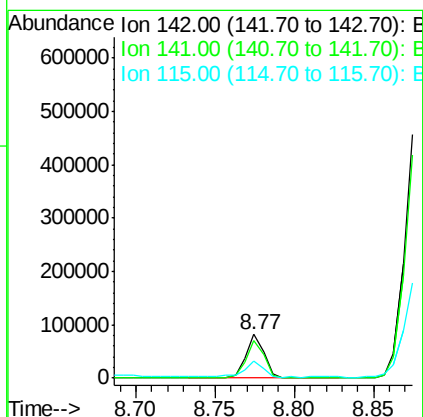
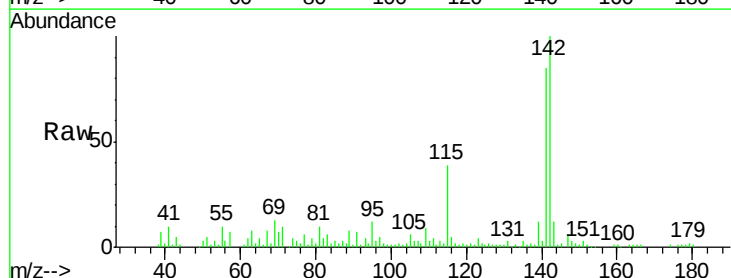
Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-NSW

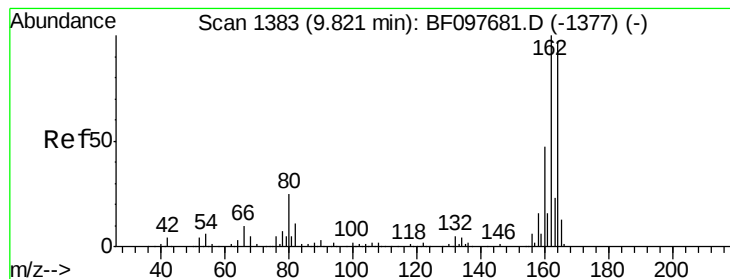
Tot Ion:113 Resp: 6541
 Ion Ratio Lower Upper
 113 100
 55 240.1 150.2 190.2#
 56 232.5 107.8 147.8#



#37
 2-Methylnaphthalene
 Concen: 3.77 ng
 RT: 8.77 min Scan# 1137
 Delta R.T. -0.01 min
 Lab File: BF097774.D
 Acq: 17 Aug 2017 8:14

Tgt Ion:142 Resp: 65093
 Ion Ratio Lower Upper
 142 100
 141 85.5 71.3 106.9
 115 39.3 27.1 40.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.01 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

Instrument :

BNA_F

ClientSampleId :

E2-J10-NSW

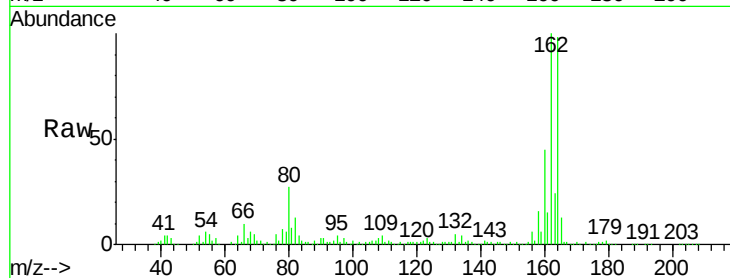
Tot Ion:164 Resp: 219546

Ion Ratio Lower Upper

164 100

162 101.6 82.6 123.8

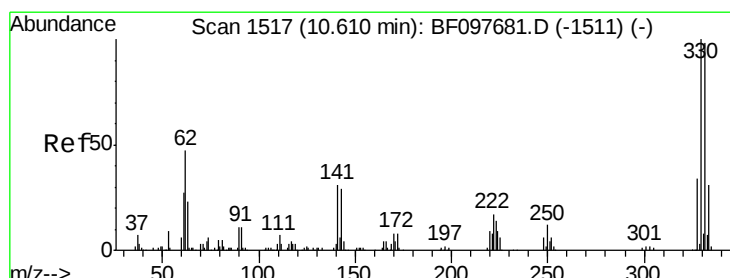
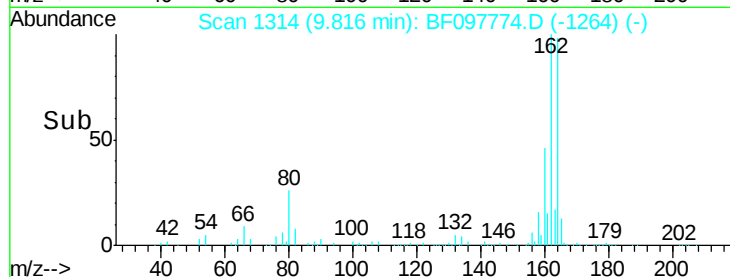
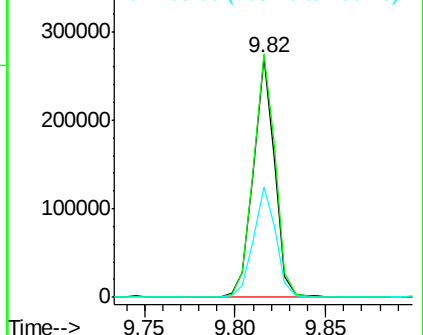
160 46.2 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 73.67 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

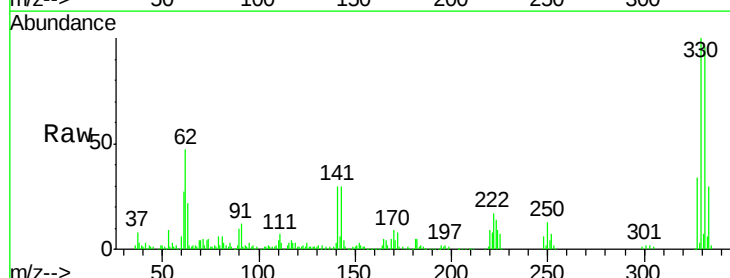
Tgt Ion:330 Resp: 140337

Ion Ratio Lower Upper

330 100

332 96.3 76.6 115.0

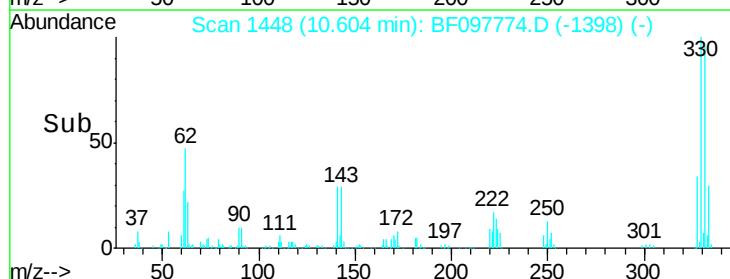
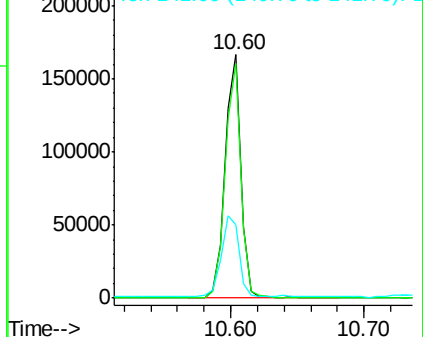
141 36.4 31.4 47.2

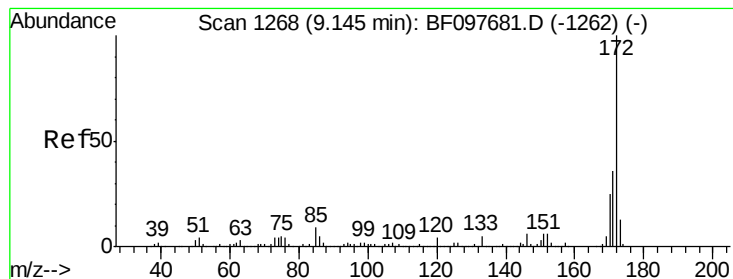


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

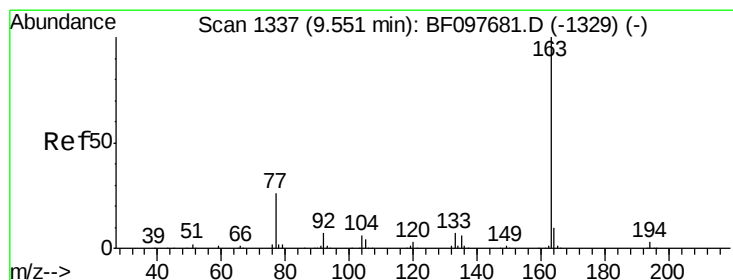
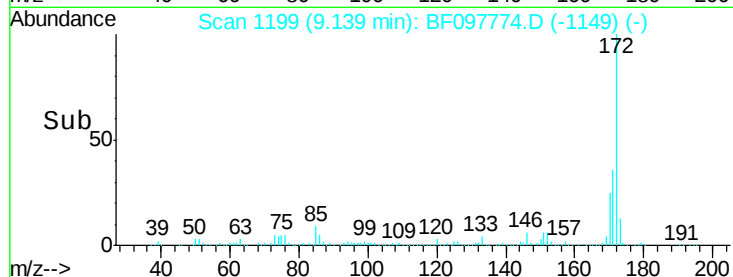
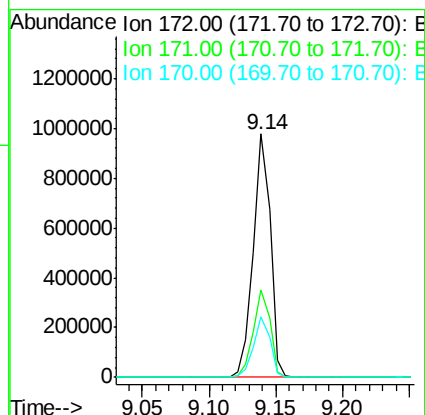
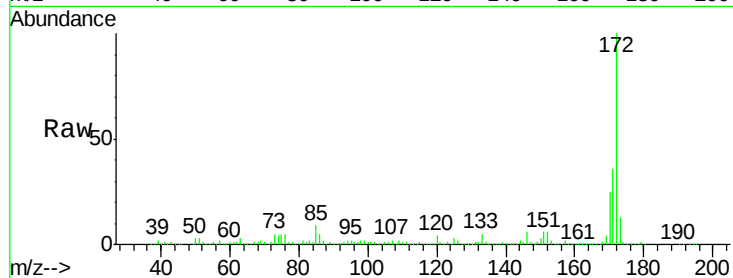




#44
2-Fluorobiphenyl
Concen: 56.93 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF097774.D
Acq: 17 Aug 2017 8:14

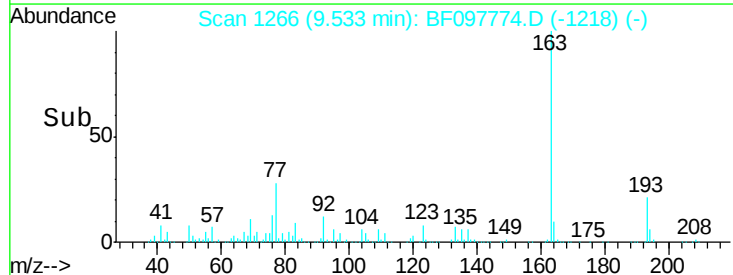
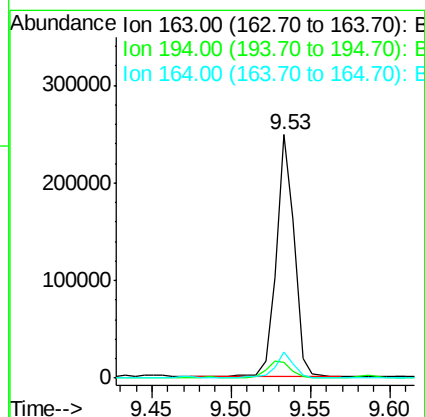
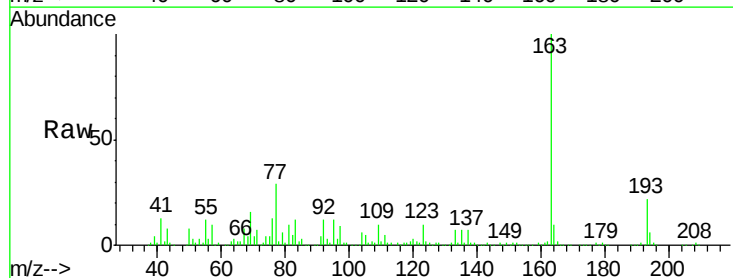
Instrument :
BNA_F
ClientSampleId :
E2-J10-NSW

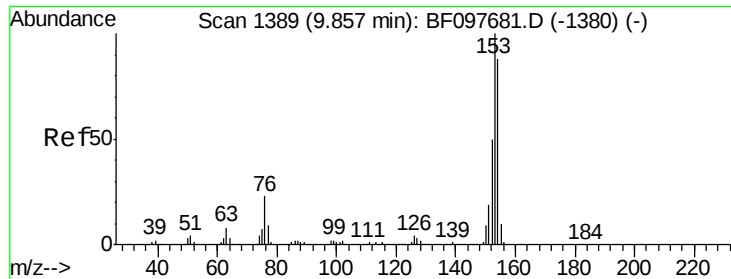
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.6	19.8	29.8



#49
Dimethylphthalate
Concen: 12.15 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF097774.D
Acq: 17 Aug 2017 8:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	6.3	2.6	4.0#
164	10.4	8.4	12.6





#51

Acenaphthene

Concen: 4.92 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

Instrument :

BNA_F

ClientSampleId :

E2-J10-NSW

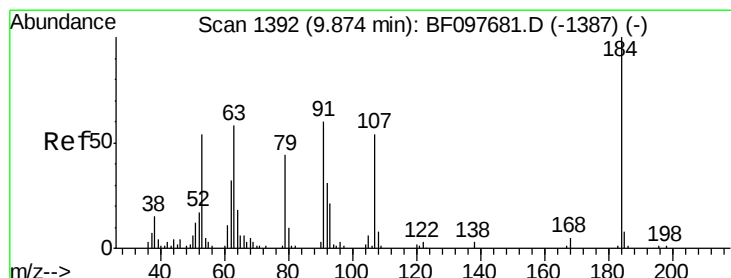
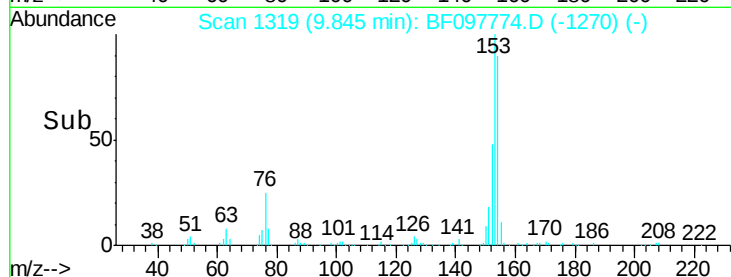
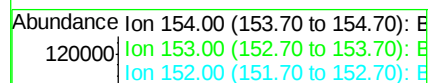
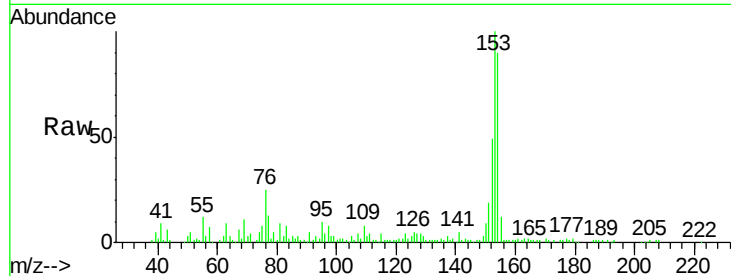
Tot Ion:154 Resp: 72052

Ion Ratio Lower Upper

154 100

153 111.3 90.5 135.7

152 54.1 43.6 65.4



#53

2,4-Dinitrophenol

Concen: 10.22 ng

RT: 9.96 min Scan# 1339

Delta R.T. 0.09 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

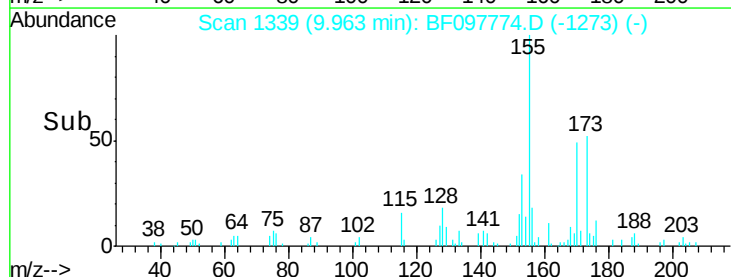
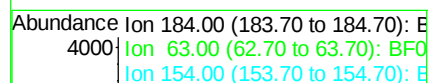
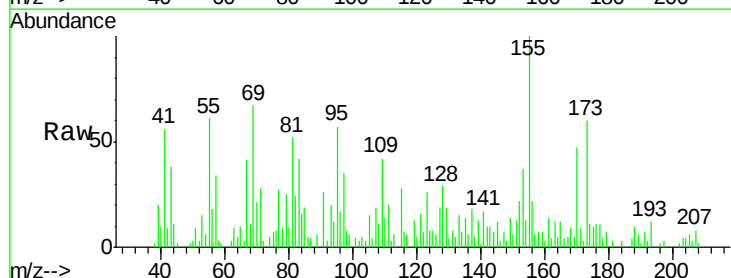
Tgt Ion:184 Resp: 135

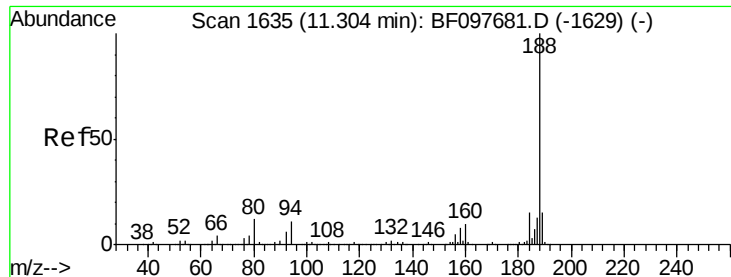
Ion Ratio Lower Upper

184 100

63 331.6 62.7 94.1#

154 503.9 81.1 121.7#

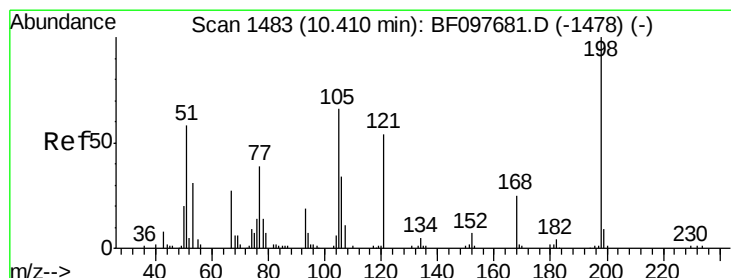
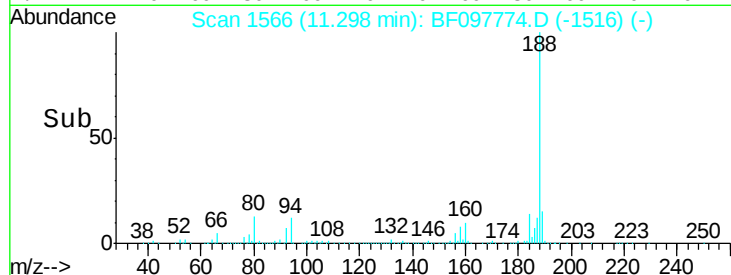
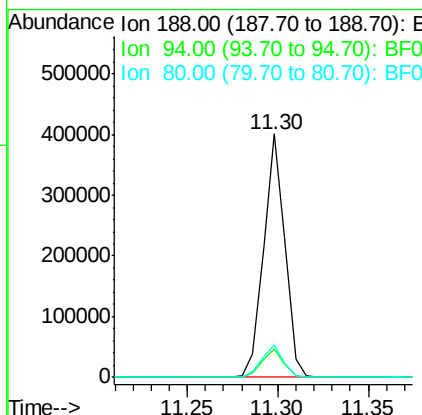
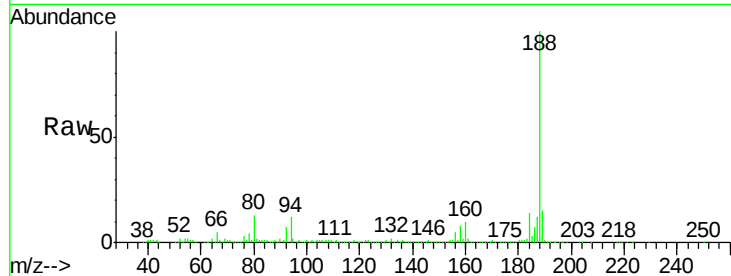




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF097774.D
 Acq: 17 Aug 2017 8:14

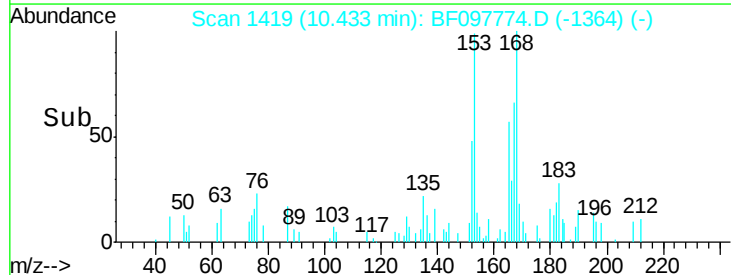
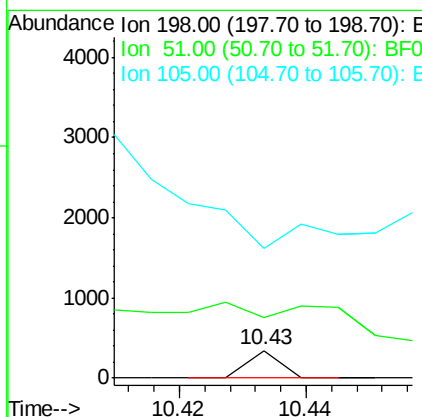
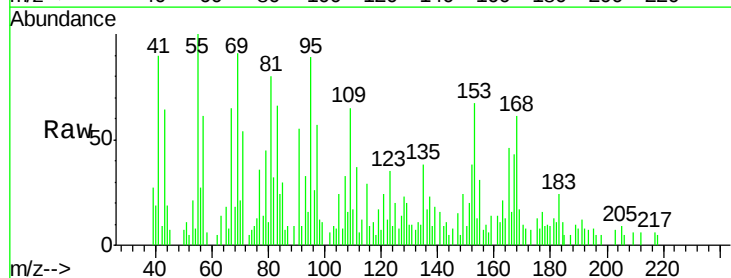
Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-NSW

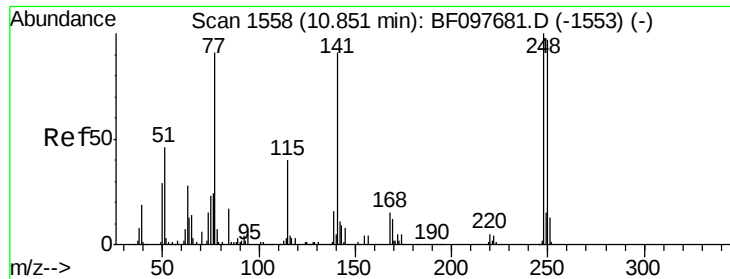
Tot Ion:188 Resp: 327100
 Ion Ratio Lower Upper
 188 100
 94 11.9 9.4 14.2
 80 13.1 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.39 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.02 min
 Lab File: BF097774.D
 Acq: 17 Aug 2017 8:14

Tgt Ion:198 Resp: 120
 Ion Ratio Lower Upper
 198 100
 51 223.2 53.2 93.2#
 105 474.5 45.8 85.8#

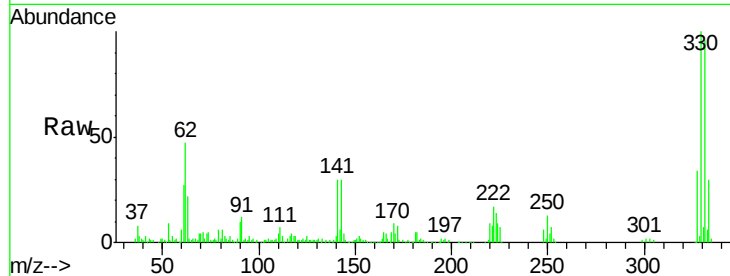




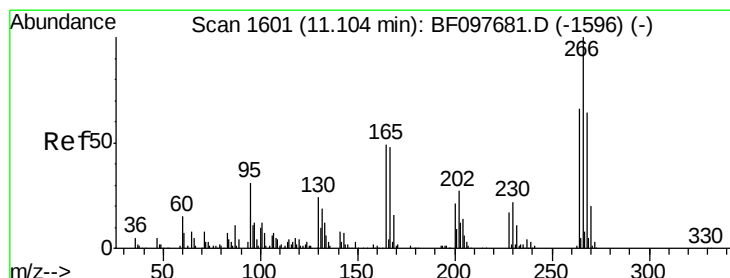
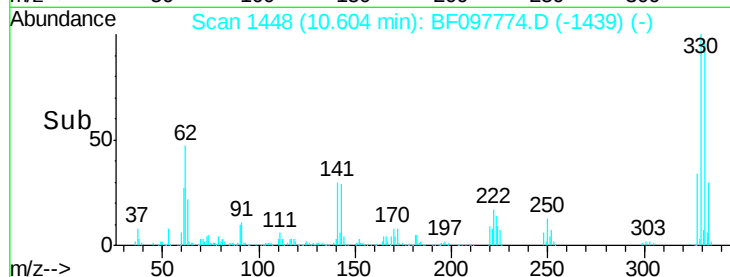
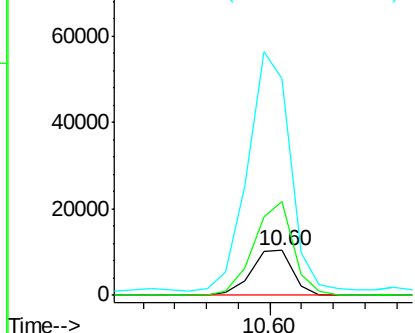
#66
 4-Bromophenyl-phenylether
 Concen: 2.79 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.25 min
 Lab File: BF097774.D
 Acq: 17 Aug 2017 8:14

Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-NSW

Tot Ion:248 Resp: 9468
 Ion Ratio Lower Upper
 248 100
 250 209.0 76.8 115.2#
 141 485.1 68.6 103.0#

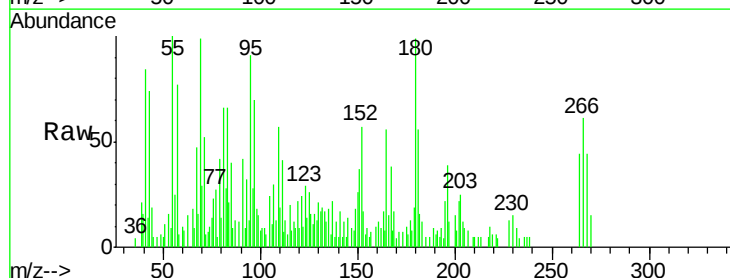


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

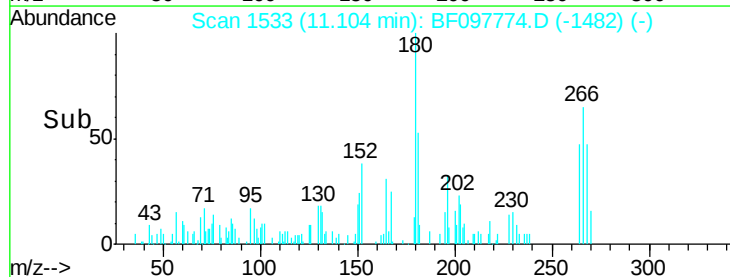
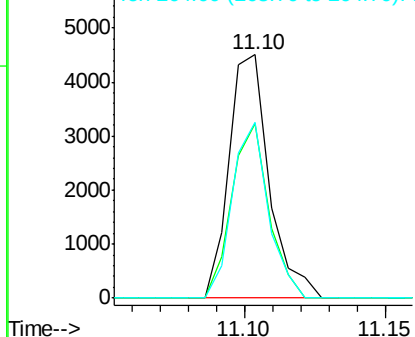


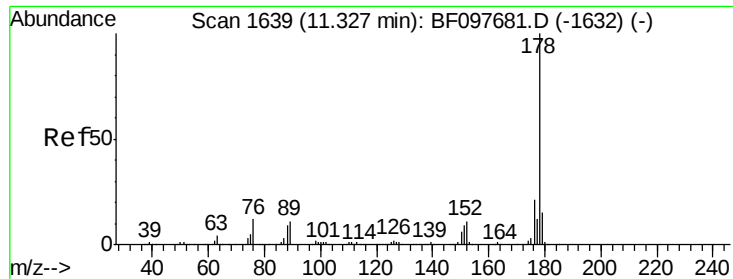
#69
 Pentachlorophenol
 Concen: 2.21 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BF097774.D
 Acq: 17 Aug 2017 8:14

Tgt Ion:266 Resp: 4468
 Ion Ratio Lower Upper
 266 100
 268 71.8 51.1 76.7
 264 72.3 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: 4.91 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.01 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

Instrument :

BNA_F

ClientSampleId :

E2-J10-NSW

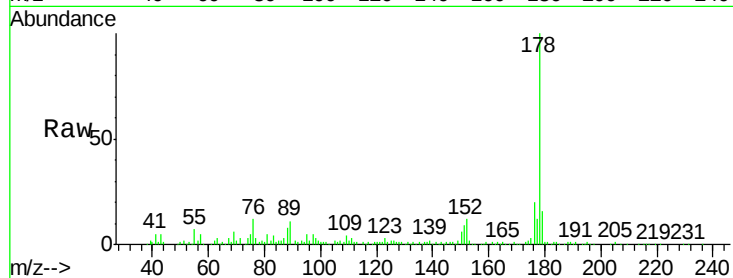
Tot Ion:178 Resp: 85521

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

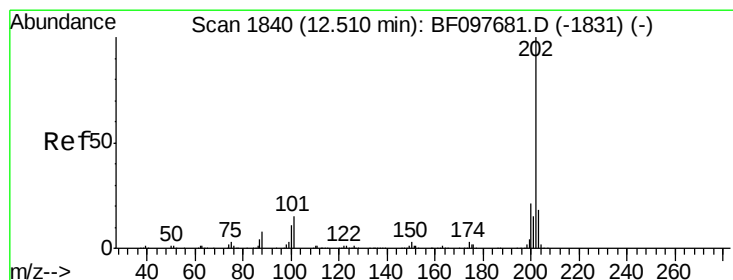
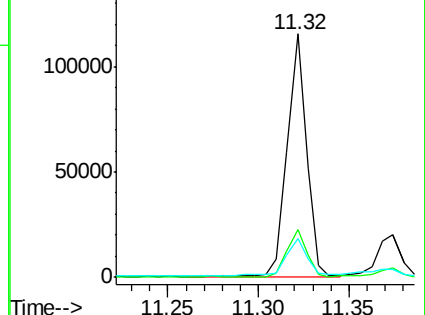
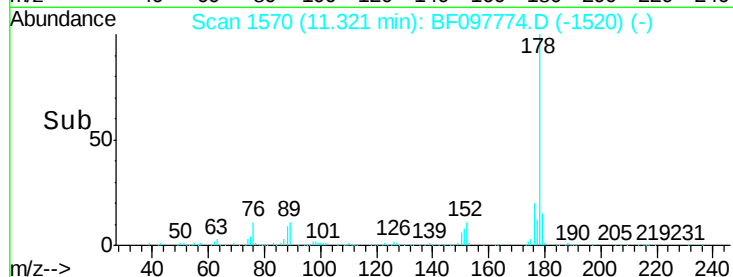
179 16.1 12.6 19.0



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



#74

Fluoranthene

Concen: 5.14 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

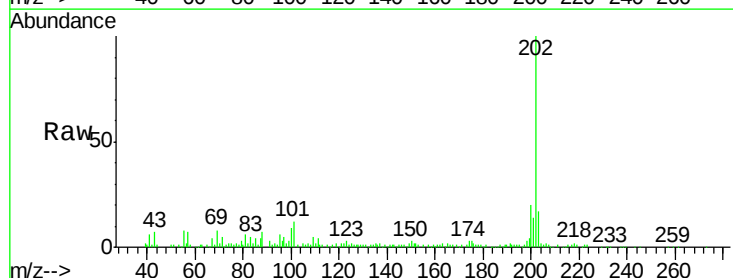
Tgt Ion:202 Resp: 93475

Ion Ratio Lower Upper

202 100

101 11.6 0.0 33.2

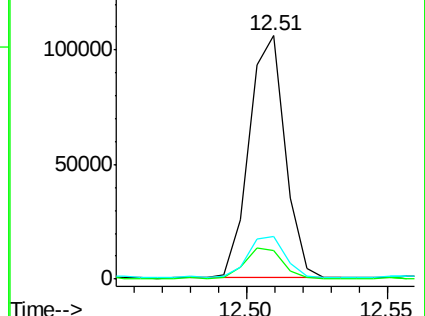
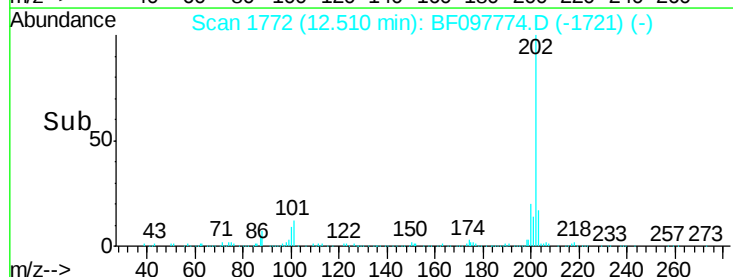
203 17.3 0.0 38.1

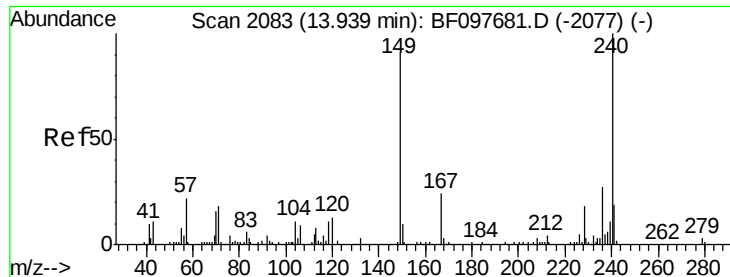


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

Instrument :

BNA_F

ClientSampleId :

E2-J10-NSW

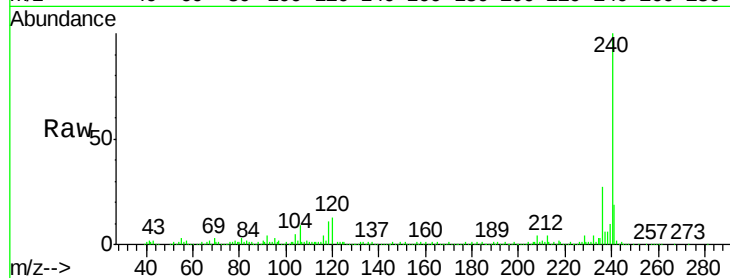
Tot Ion:240 Resp: 268180

Ion Ratio Lower Upper

240 100

120 13.3 5.8 8.8#

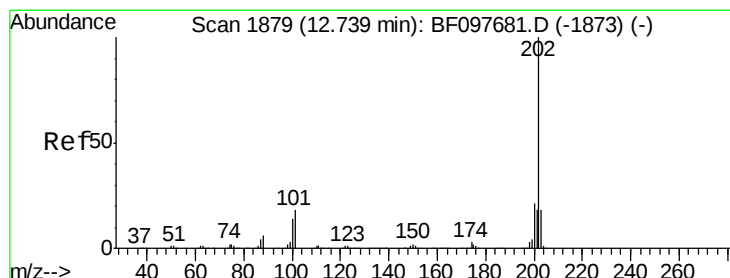
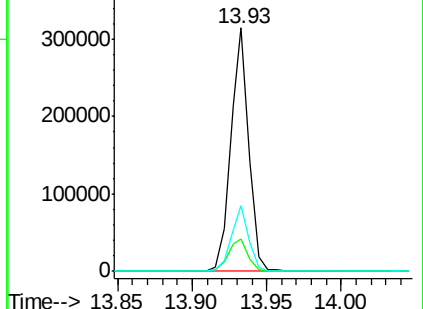
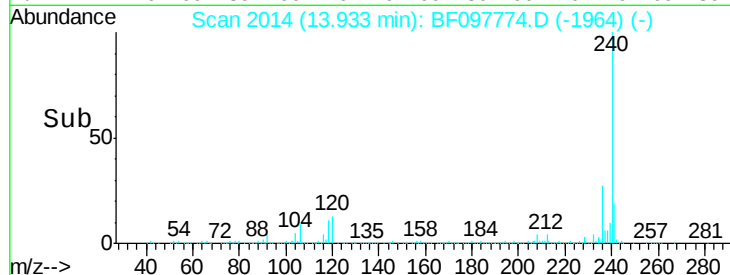
236 27.0 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 4.16 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

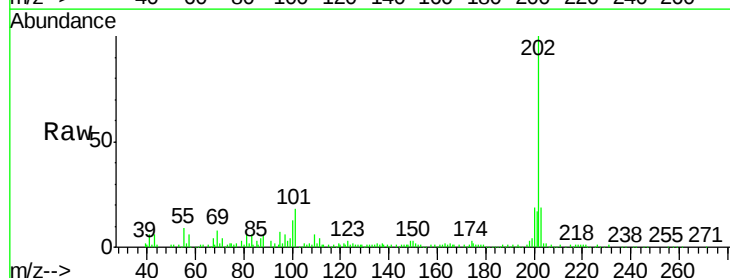
Tgt Ion:202 Resp: 91336

Ion Ratio Lower Upper

202 100

200 19.2 17.6 26.4

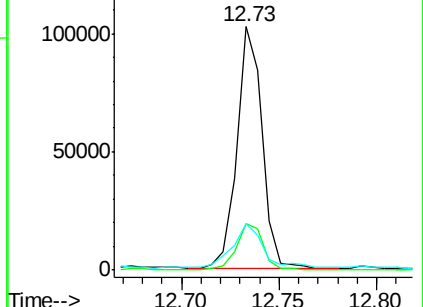
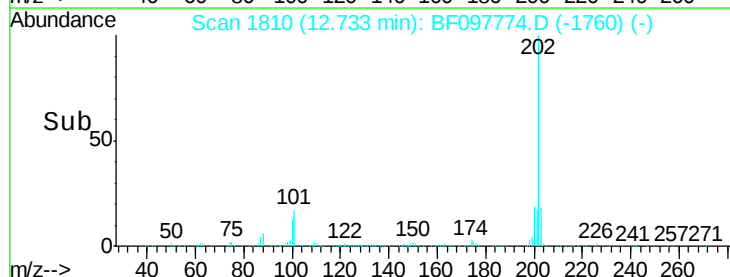
203 19.0 14.4 21.6

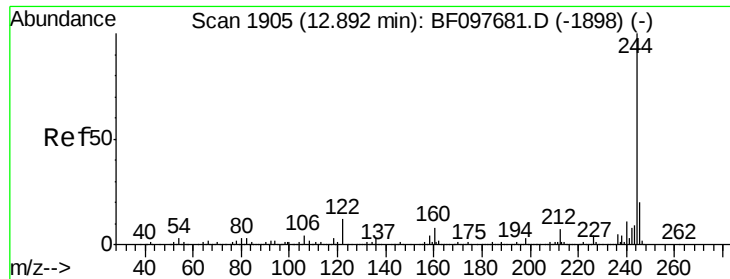


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

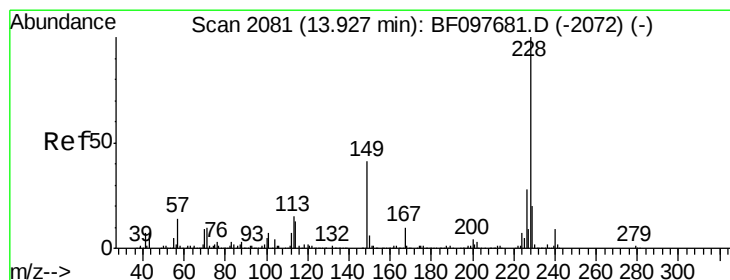
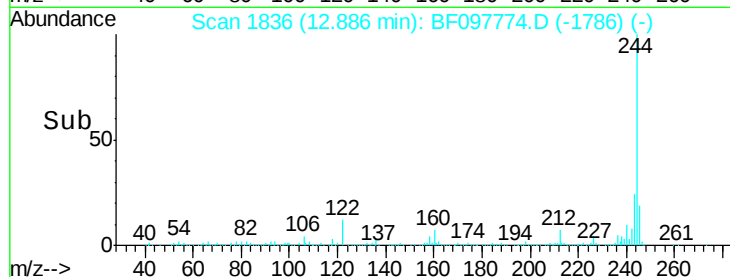
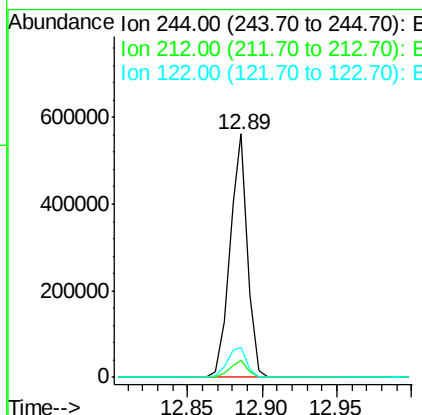
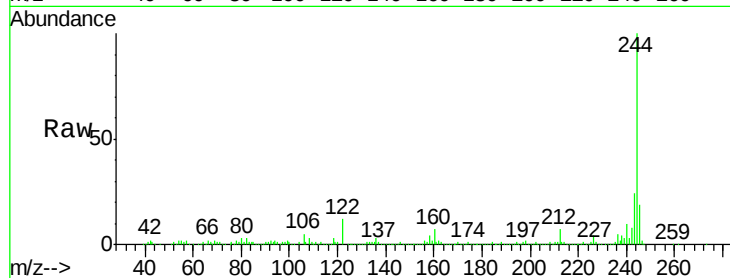




#78
 Terphenyl-d14
 Concen: 36.20 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF097774.D
 Acq: 17 Aug 2017 8:14

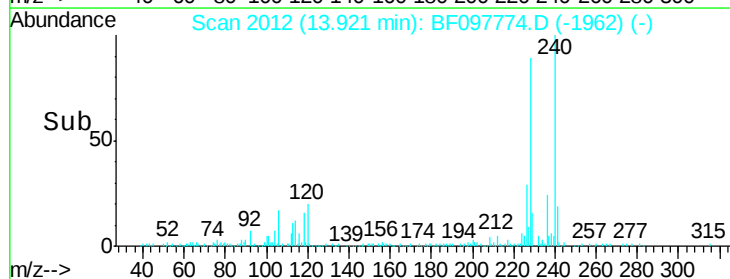
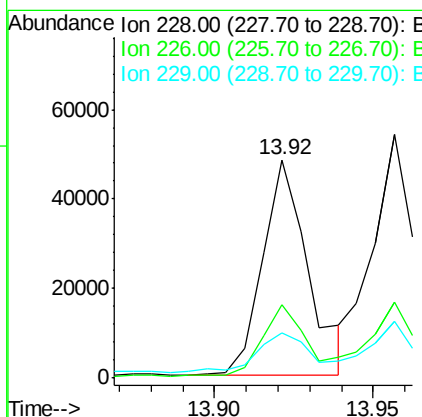
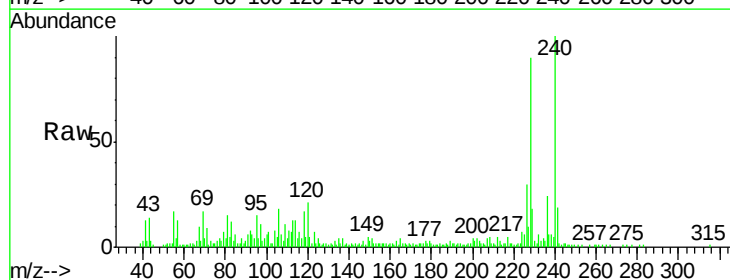
Instrument :
 BNA_F
 ClientSampleId :
 E2-J10-NSW

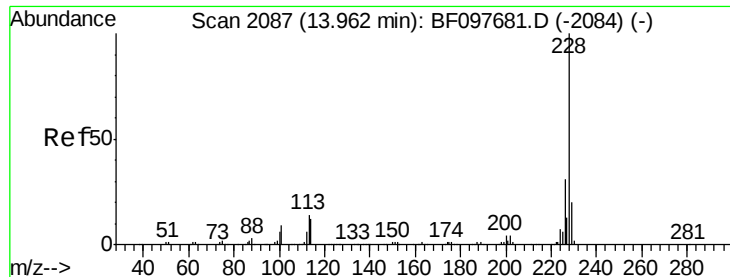
Tot Ion:244 Resp: 465516
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 12.1 10.3 15.5



#80
 Benzo(a)anthracene
 Concen: 3.00 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.01 min
 Lab File: BF097774.D
 Acq: 17 Aug 2017 8:14

Tgt Ion:228 Resp: 48261
 Ion Ratio Lower Upper
 228 100
 226 33.5 22.6 33.8
 229 20.6 16.3 24.5





#82

Chrysene

Concen: 3.06 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

Instrument :

BNA_F

ClientSampleId :

E2-J10-NSW

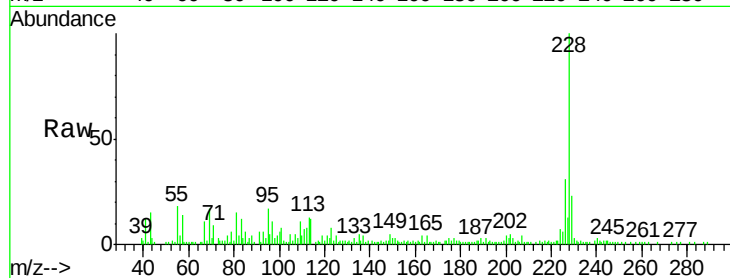
Tot Ion:228 Resp: 48944

Ion Ratio Lower Upper

228 100

226 31.3 24.9 37.3

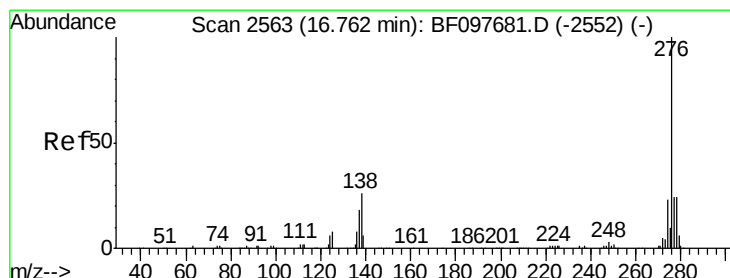
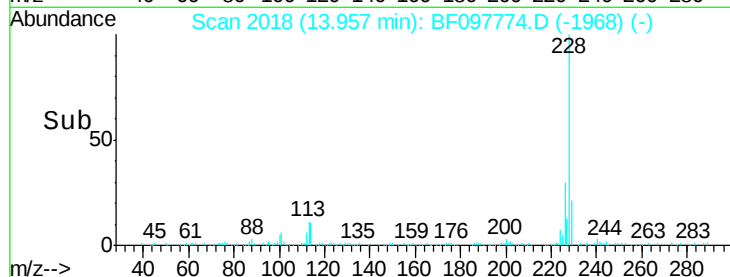
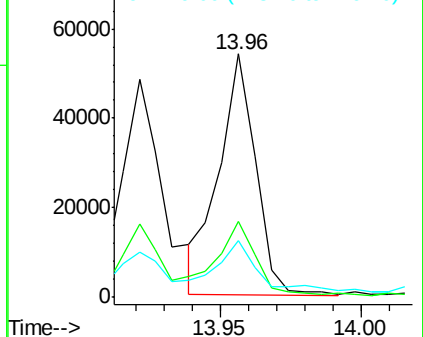
229 23.4 15.8 23.6



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



#85

Indeno(1,2,3-cd)pyrene

Concen: 2.15 ng

RT: 16.76 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

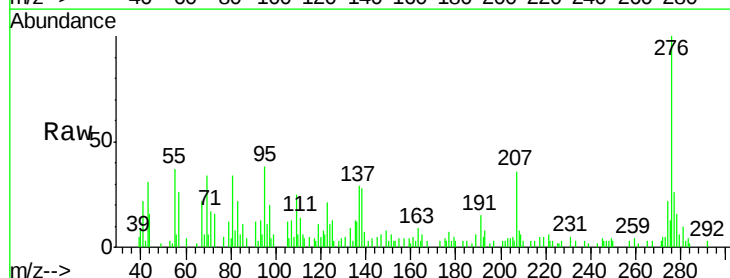
Tgt Ion:276 Resp: 25254

Ion Ratio Lower Upper

276 100

138 24.1 27.8 41.6#

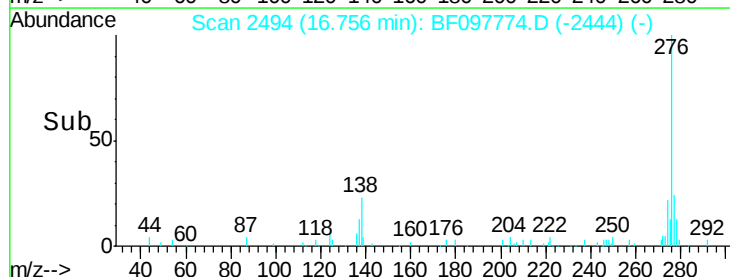
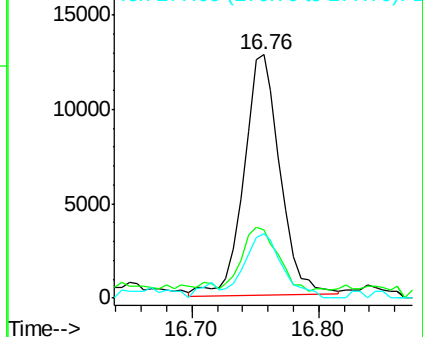
277 28.4 20.2 30.4

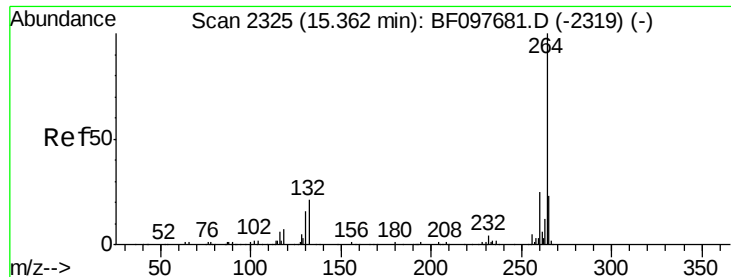


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

Instrument :

BNA_F

ClientSampleId :

E2-J10-NSW

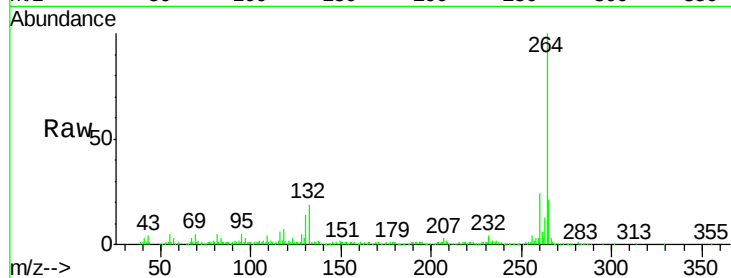
Tot Ion:264 Resp: 226876

Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

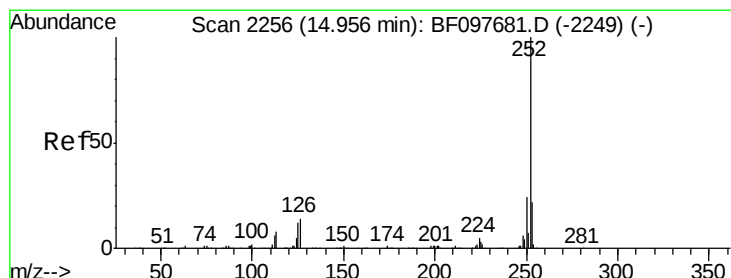
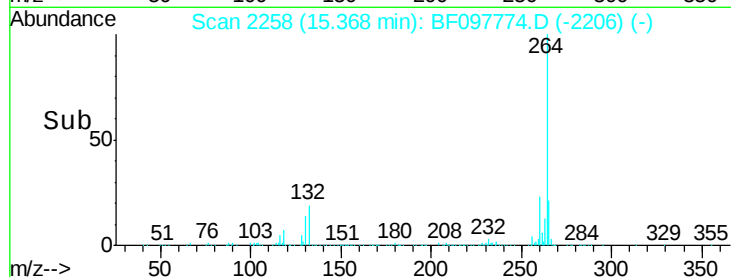
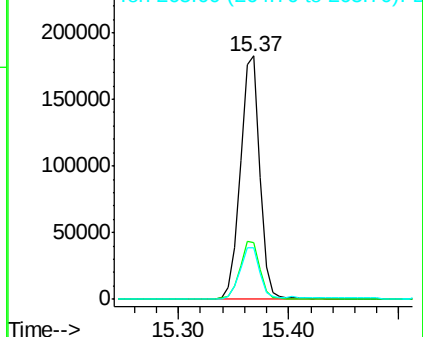
265 21.2 17.2 25.8



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: 6.45 ng

RT: 14.95 min Scan# 2187

Delta R.T. -0.01 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

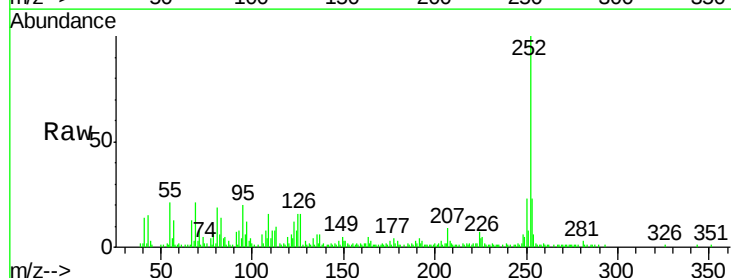
Tgt Ion:252 Resp: 92206

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

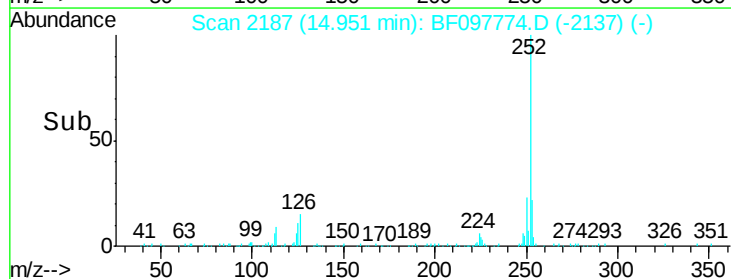
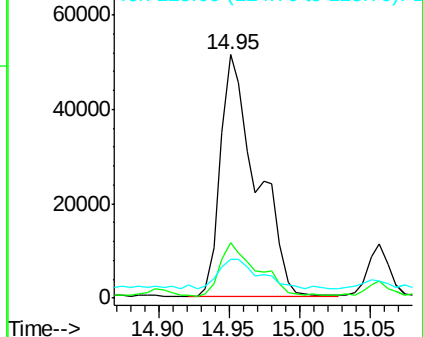
125 15.9 9.8 14.8#

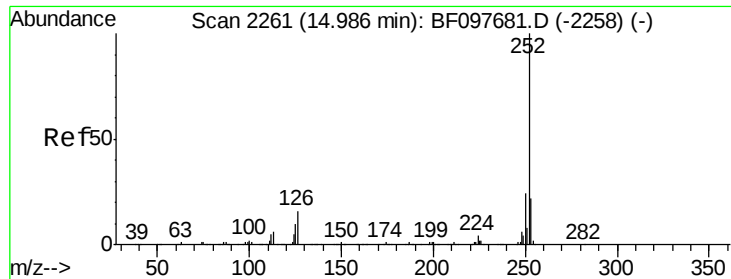


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

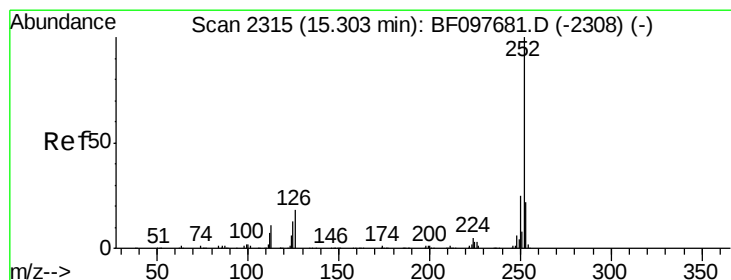
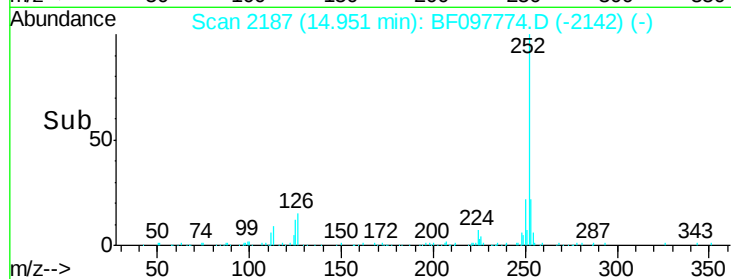
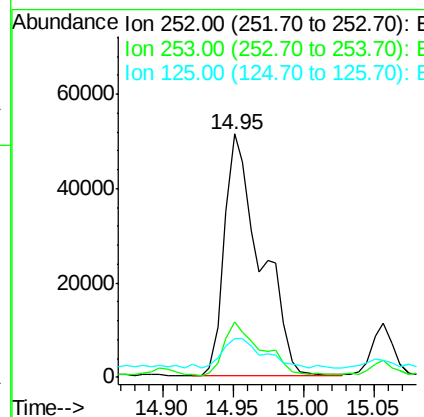
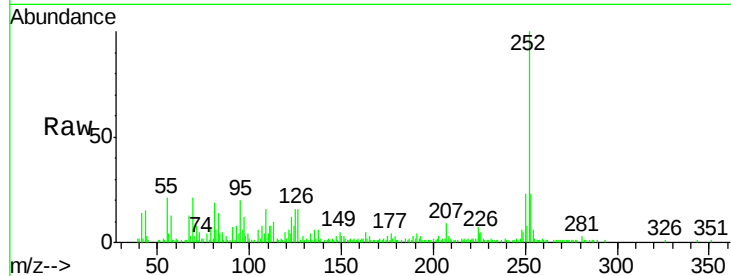




#88
Benzo(k)fluoranthene
Concen: 6.86 ng
RT: 14.95 min Scan# 2187
Delta R.T. -0.04 min
Lab File: BF097774.D
Acq: 17 Aug 2017 8:14

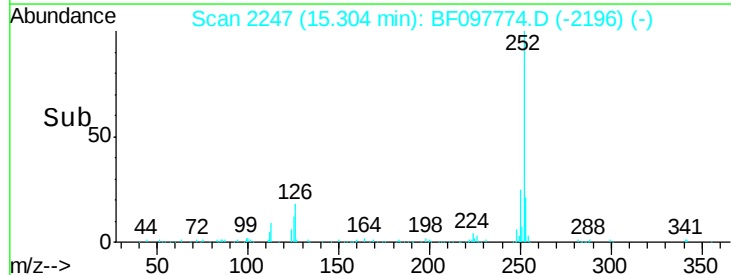
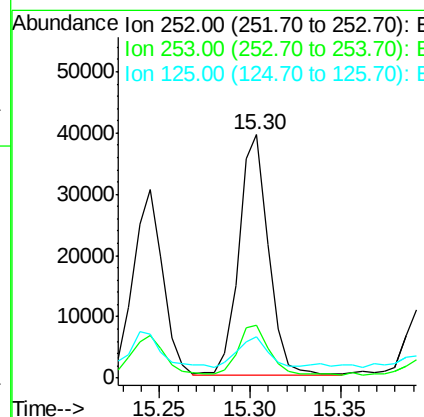
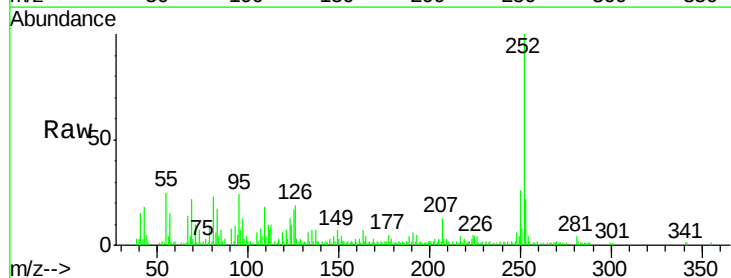
Instrument :
BNA_F
ClientSampleId :
E2-J10-NSW

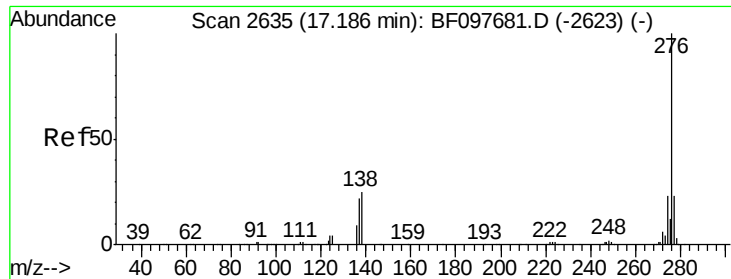
Tot Ion:252 Resp: 92206
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 15.9 13.1 19.7



#89
Benzo(a)pyrene
Concen: 3.55 ng
RT: 15.30 min Scan# 2247
Delta R.T. 0.00 min
Lab File: BF097774.D
Acq: 17 Aug 2017 8:14

Tgt Ion:252 Resp: 44957
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 16.8 11.0 16.4#





#91

Benzo(a,h,i)perylene

Concen: 2.25 ng

RT: 17.17 min Scan# 2565

Delta R.T. -0.01 min

Lab File: BF097774.D

Acq: 17 Aug 2017 8:14

Instrument :

BNA_F

ClientSampleId :

E2-J10-NSW

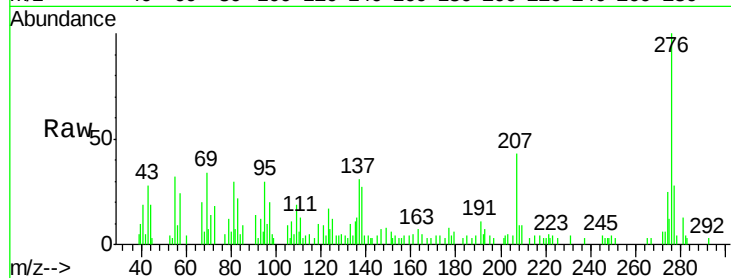
Tot Ion:276 Resp: 24218

Ion Ratio Lower Upper

276 100

277 28.1 18.6 28.0#

138 27.1 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

