

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080117\
 Data File : BF097238.D
 Acq On : 1 Aug 2017 18:19
 Operator : SJ/JU
 Sample : I4471-21
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-NSW-DUP

Quant Time: Aug 02 03:52:12 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	103660	20.00	ng	-0.04
21) Naphthalene-d8	7.75	136	335952	20.00	ng	-0.04
38) Acenaphthene-d10	9.51	164	100309	20.00	ng	-0.02
63) Phenanthrene-d10	10.99	188	156380	20.00	ng	-0.02
75) Chrysene-d12	13.60	240	195030	20.00	ng	-0.03
86) Perylene-d12	14.94	264	148408	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.07	112	777341	113.05	ng	-0.02
7) Phenol-d6	6.15	99	918502	117.00	ng	-0.02
23) Nitrobenzene-d5	7.03	82	515223	89.97	ng	-0.04
41) 2,4,6-Tribromophenol	10.30	330	79982	100.92	ng	-0.02
44) 2-Fluorobiphenyl	8.84	172	543003	91.87	ng	-0.03
78) Terphenyl-d14	12.56	244	377765	39.49	ng	-0.03

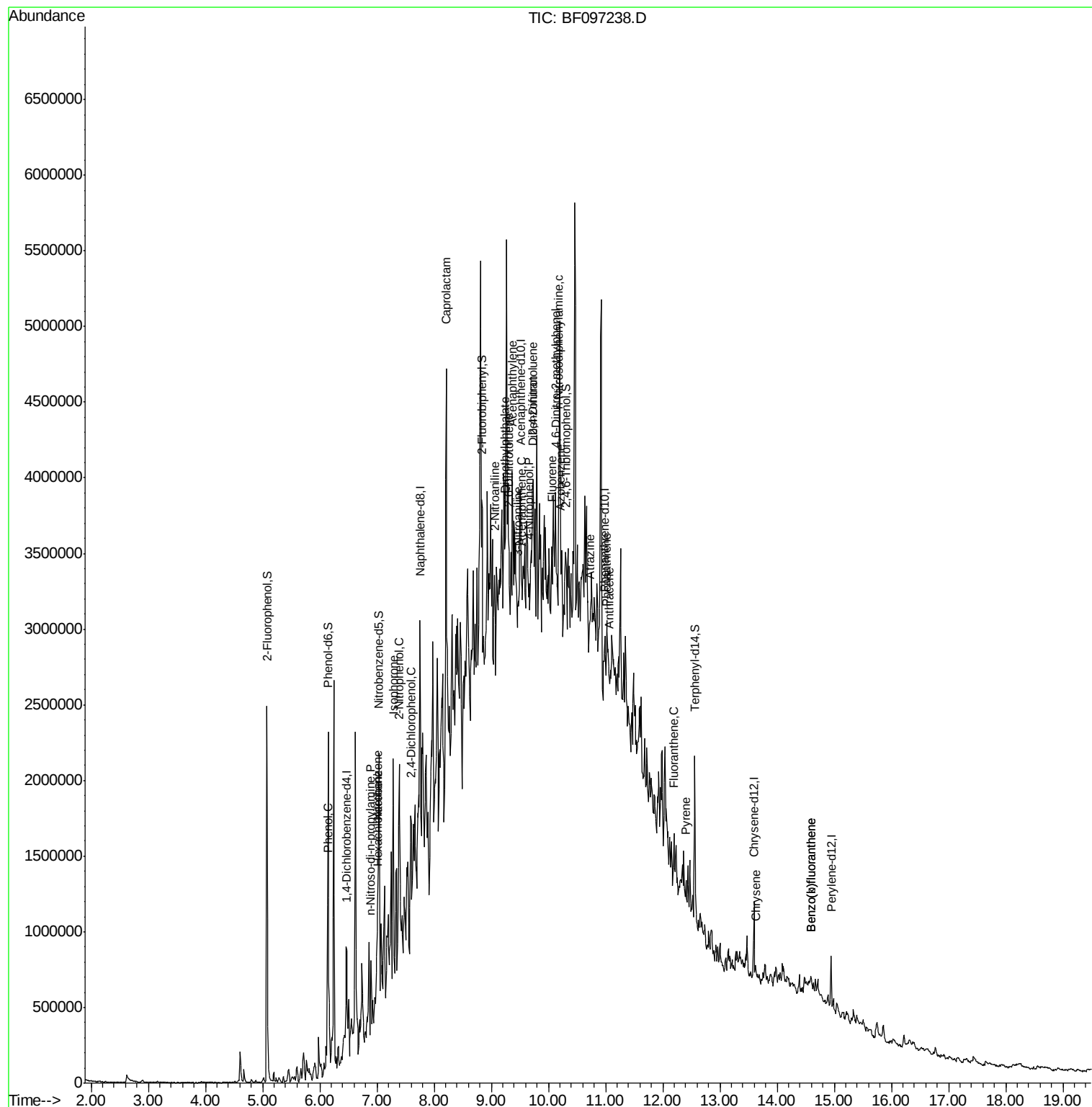
Target Compounds						Qvalue
10) Phenol	6.16	94	47064	5.05	ng	90
18) Hexachloroethane	7.00	117	37545	13.07	ng	# 36
19) n-Nitroso-di-n-propylamine	6.90	70	17895	3.46	ng	# 81
24) Nitrobenzene	7.02	77	20947	3.51	ng	# 34
25) Isophorone	7.28	82	52128	4.65	ng	# 1
26) 2-Nitrophenol	7.40	139	11043	3.42	ng	# 1
29) 2,4-Dichlorophenol	7.60	162	10360	2.26	ng	# 1
35) Caprolactam	8.21	113	63104	42.92	ng	# 1
47) 2-Nitroaniline	9.06	65	12290	5.37	ng	# 1
48) Acenaphthylene	9.37	152	27142	2.80	ng	# 1
49) Dimethylphthalate	9.24	163	225324	29.58	ng	# 97
50) 2,6-Dinitrotoluene	9.32	165	5057	3.13	ng	# 80
51) Acenaphthene	9.54	154	32610	5.72	ng	# 88
52) 3-Nitroaniline	9.46	138	5375	2.68	ng	# 65
54) Dibenzofuran	9.72	168	50611	6.67	ng	# 17
55) 4-Nitrophenol	9.66	139	7310	6.13	ng	# 1
56) 2,4-Dinitrotoluene	9.72	165	20374	10.97	ng	# 44
57) Fluorene	10.06	166	80134	14.04	ng	# 77
62) Azobenzene	10.22	77	21591	3.33	ng	# 1
64) 4,6-Dinitro-2-methylphenol	10.12	198	1999	2.06	ng	# 1
65) n-Nitrosodiphenylamine	10.17	169	183097	33.65	ng	# 46
68) Atrazine	10.72	200	3538	2.27	ng	# 1
70) Phenanthrene	11.01	178	72206	8.62	ng	# 69
71) Anthracene	11.06	178	36106	4.21	ng	# 36
74) Fluoranthene	12.19	202	39840	4.85	ng	84
77) Pyrene	12.41	202	64860	4.06	ng	96
82) Chrysene	13.62	228	27612	2.24	ng	# 67
87) Benzo(b)fluoranthene	14.59	252	24273	2.72	ng	# 59
88) Benzo(k)fluoranthene	14.59	252	24273	2.86	ng	# 61

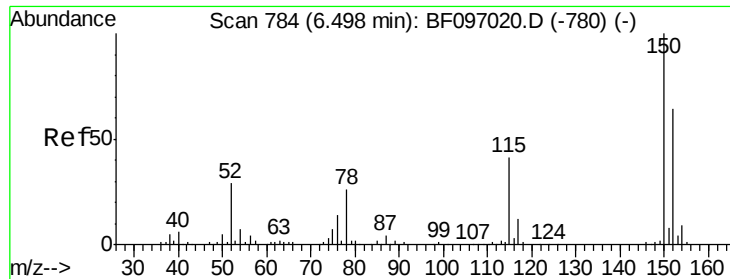
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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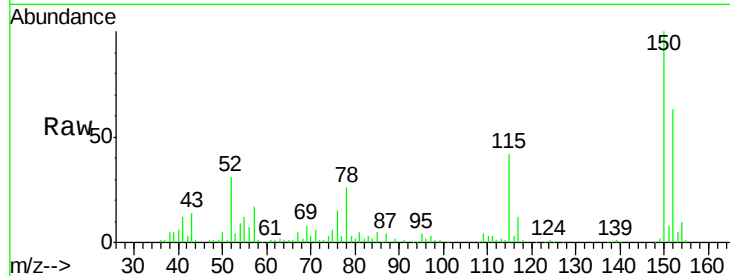


#1

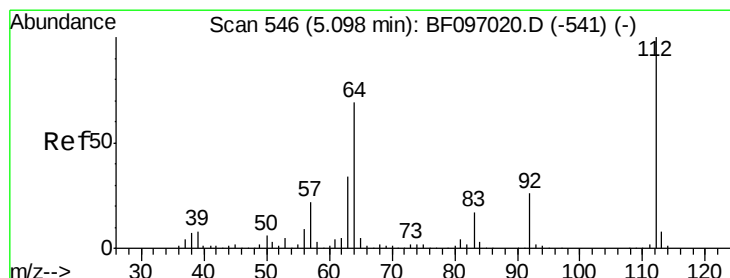
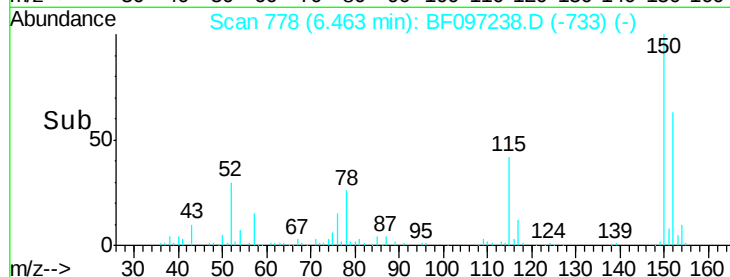
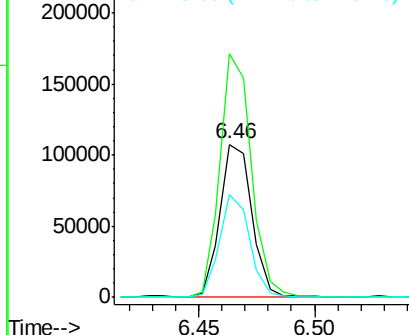
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.46 min Scan# 778
Delta R.T. -0.04 min
Lab File: BF097238.D
Acq: 1 Aug 2017 18:19

Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW-DUP

Tot Ion:152 Resp: 103660
Ion Ratio Lower Upper
152 100
150 159.3 126.2 189.2
115 67.3 52.2 78.2



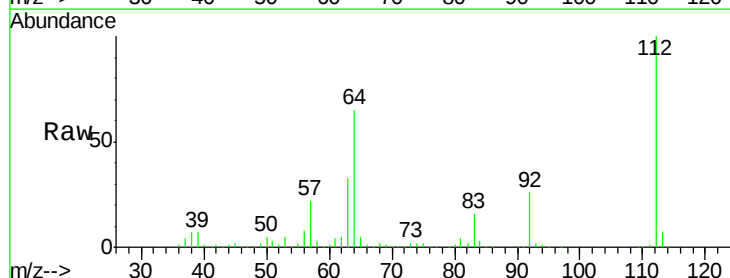
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



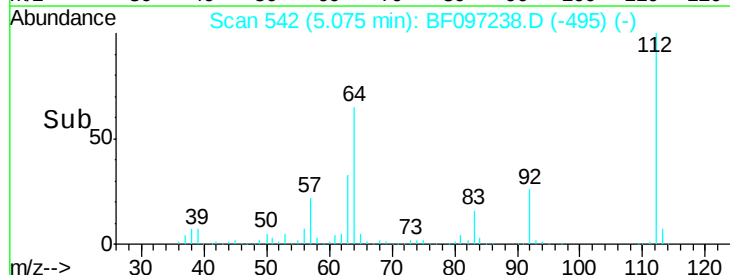
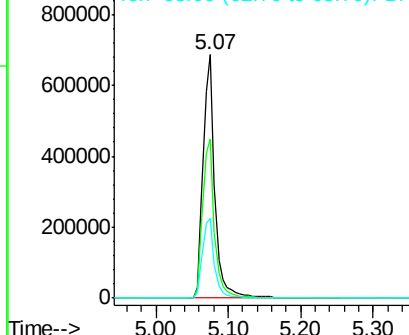
#5

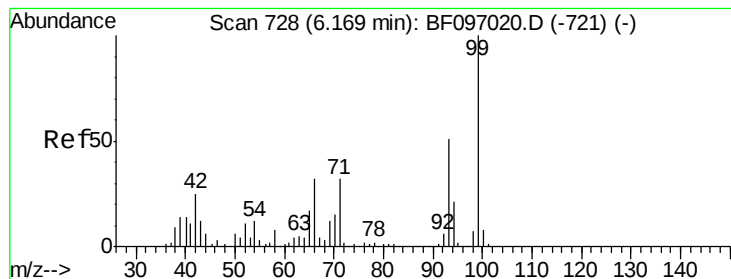
2-Fluorophenol
Concen: 113.05 ng
RT: 5.07 min Scan# 542
Delta R.T. -0.02 min
Lab File: BF097238.D
Acq: 1 Aug 2017 18:19

Tgt Ion:112 Resp: 777341
Ion Ratio Lower Upper
112 100
64 65.4 46.0 69.0
63 32.8 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





#7

Phenol-d6

Concen: 117.00 ng

RT: 6.15 min Scan# 724

Delta R.T. -0.02 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

Instrument :

BNA_F

ClientSampleId :

E2-L6-NSW-DUP

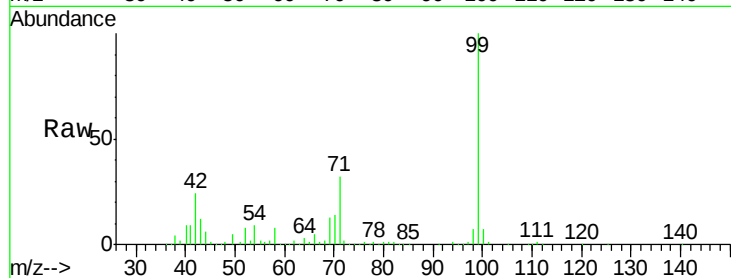
Tot Ion: 99 Resp: 918502

Ion Ratio Lower Upper

99 100

42 23.5 13.5 20.3#

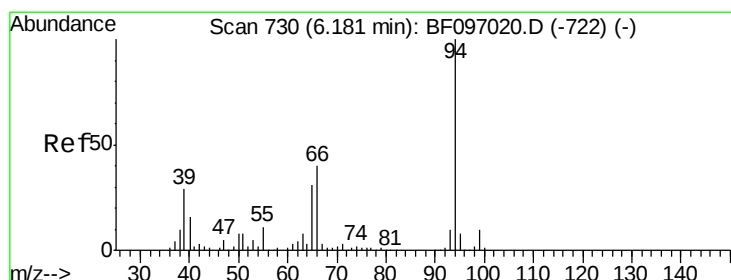
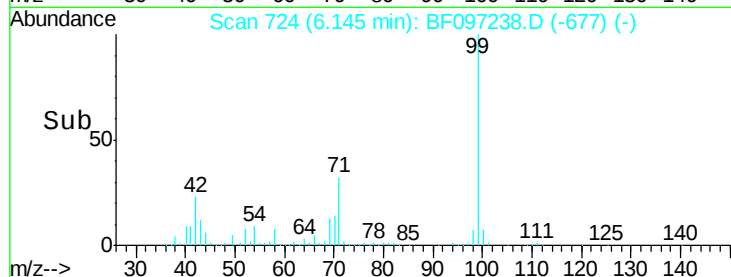
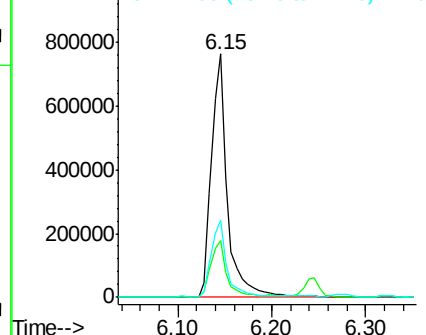
71 31.7 24.5 36.7



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



#10

Phenol

Concen: 5.05 ng

RT: 6.16 min Scan# 726

Delta R.T. -0.02 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

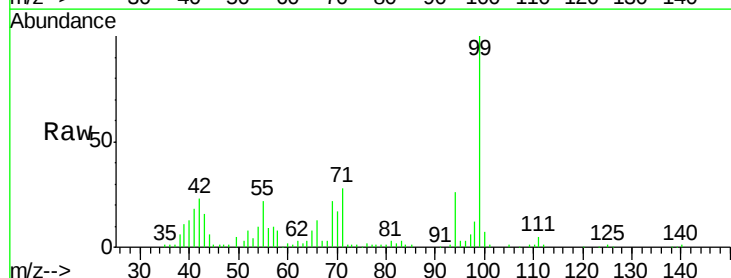
Tgt Ion: 94 Resp: 47064

Ion Ratio Lower Upper

94 100

65 32.9 9.9 49.9

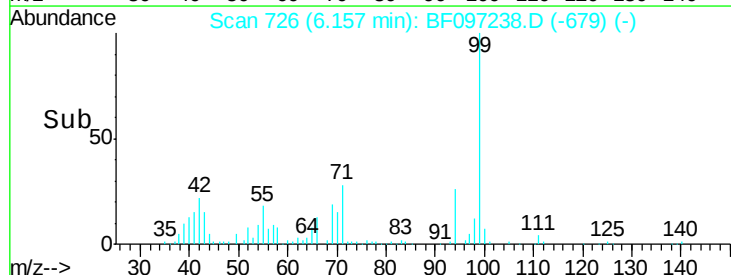
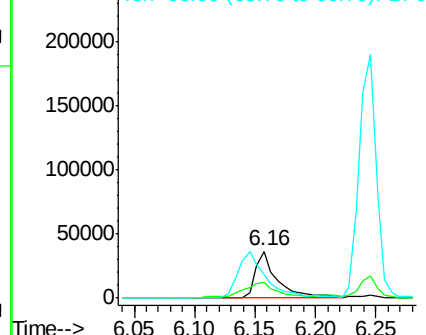
66 51.8 23.1 63.1

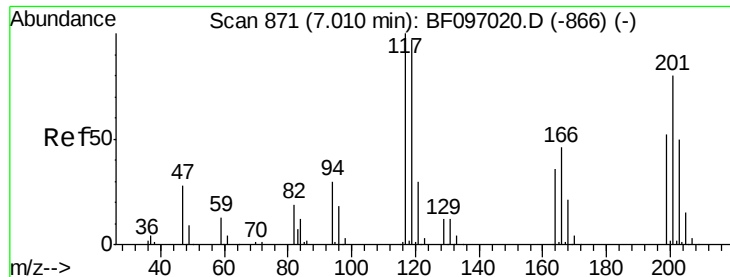


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

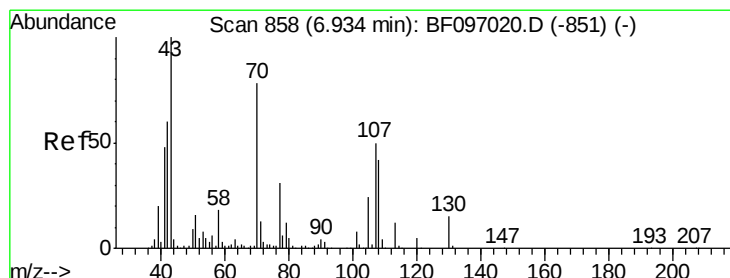
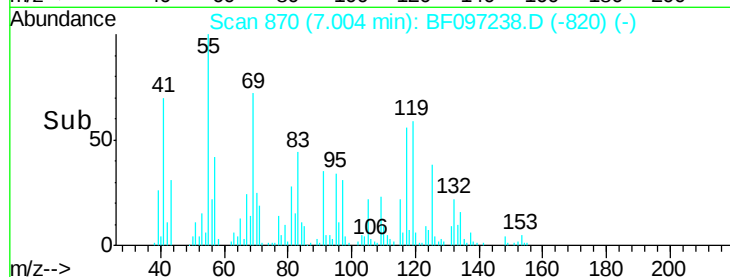
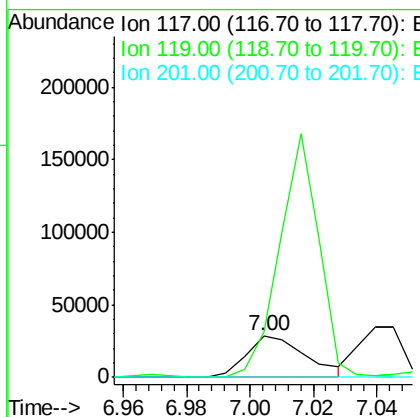
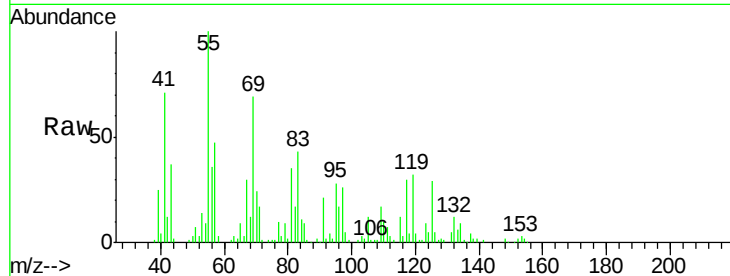




#18
Hexachloroethane
Concen: 13.07 ng
RT: 7.00 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF097238.D
Acq: 1 Aug 2017 18:19

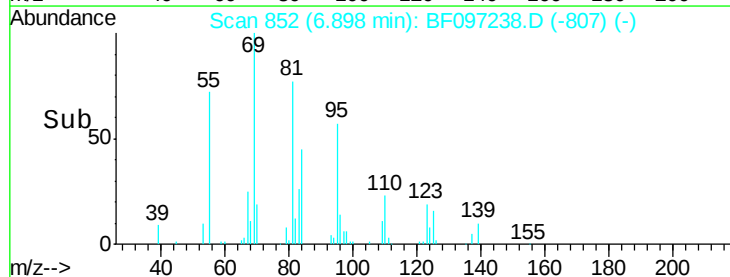
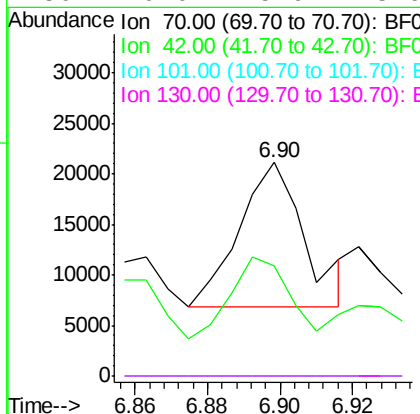
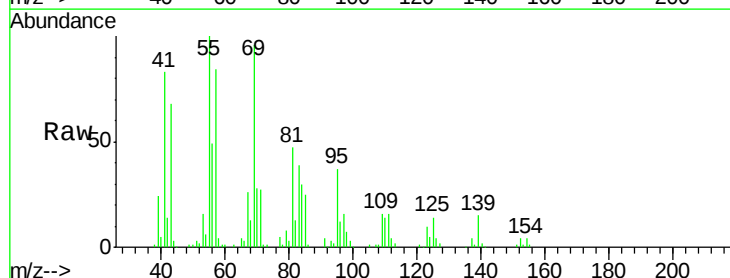
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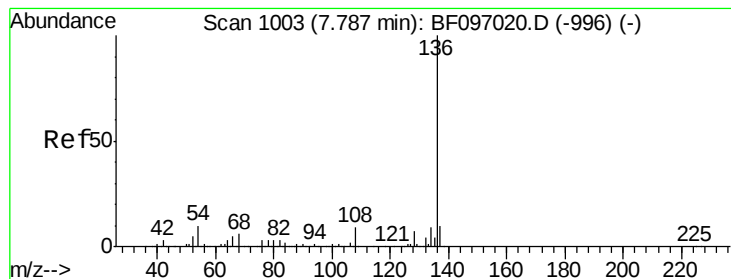
Tot Ion:117 Resp: 37545
Ion Ratio Lower Upper
117 100
119 106.8 77.4 116.0
201 0.0 94.6 141.8#



#19
n-Nitroso-di-n-propylamine
Concen: 3.46 ng
RT: 6.90 min Scan# 852
Delta R.T. -0.04 min
Lab File: BF097238.D
Acq: 1 Aug 2017 18:19

Tgt Ion: 70 Resp: 17895
Ion Ratio Lower Upper
70 100
42 51.4 47.2 70.8
101 0.0 7.2 10.8#
130 0.0 15.9 23.9#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.75 min Scan# 997

Delta R.T. -0.04 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

Instrument :

BNA_F

ClientSampleId :

E2-L6-NSW-DUP

Tot Ion:136 Resp: 335952

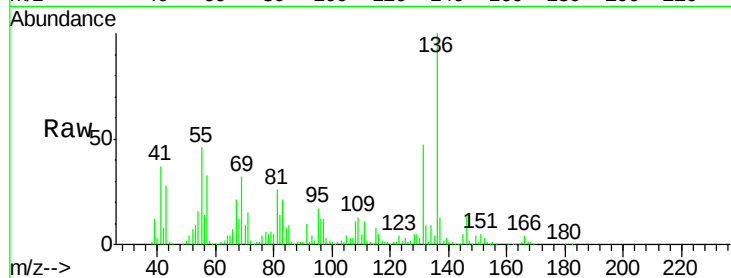
Ion Ratio Lower Upper

136 100

137 12.8 8.5 12.7#

54 16.2 4.9 7.3#

68 11.8 4.1 6.1#

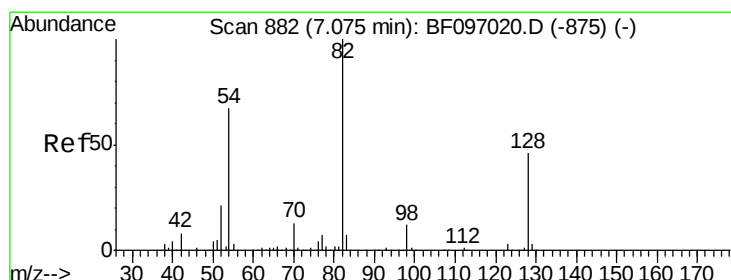
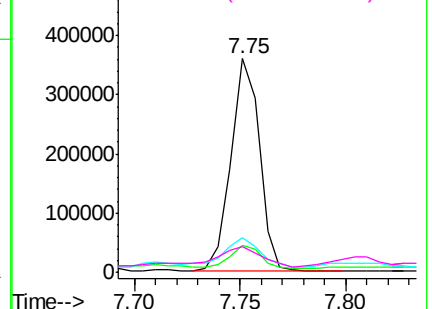
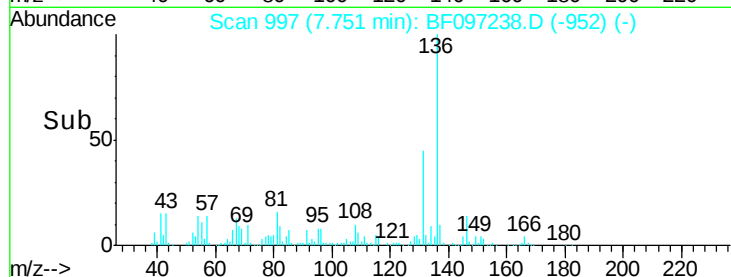


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.97 ng

RT: 7.03 min Scan# 875

Delta R.T. -0.04 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

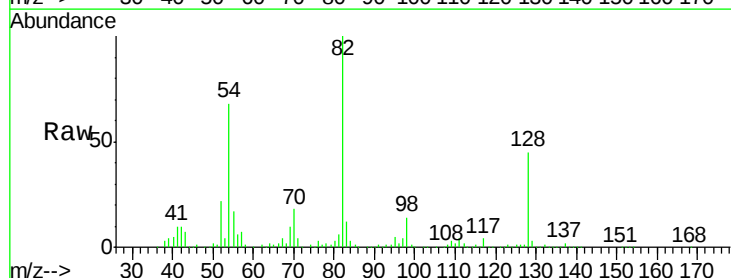
Tgt Ion: 82 Resp: 515223

Ion Ratio Lower Upper

82 100

128 45.4 34.0 51.0

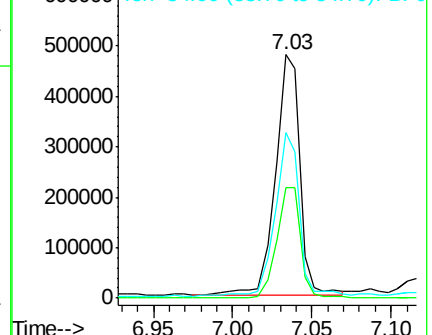
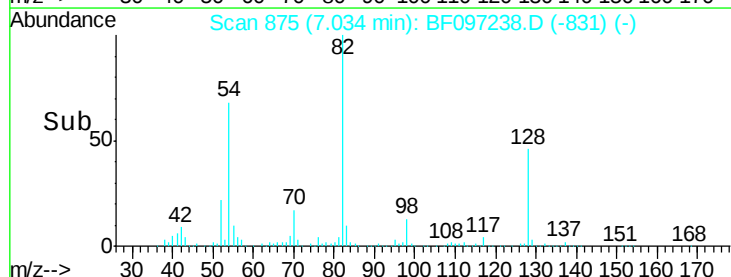
54 68.2 42.2 63.2#

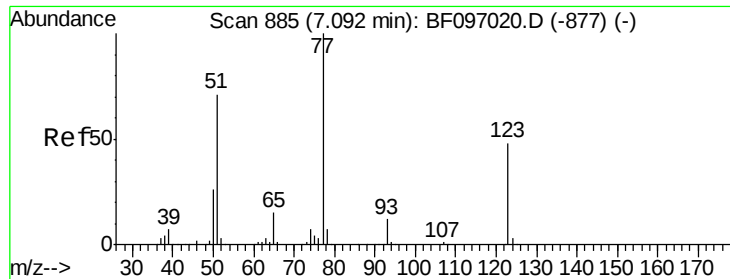


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

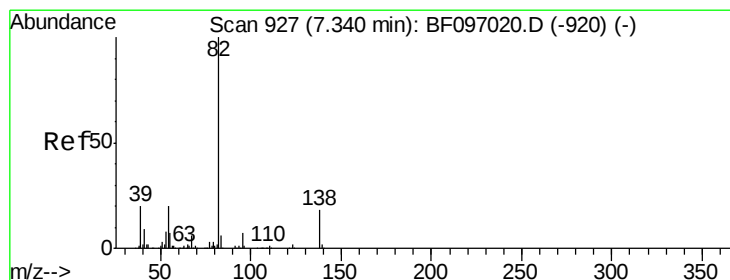
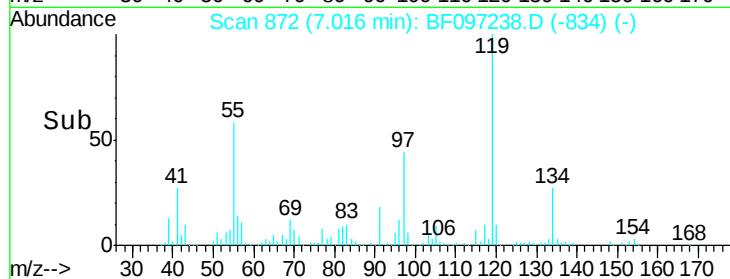
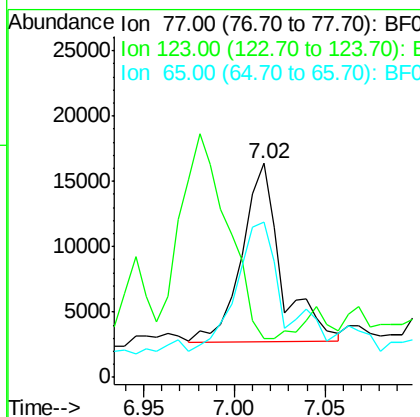
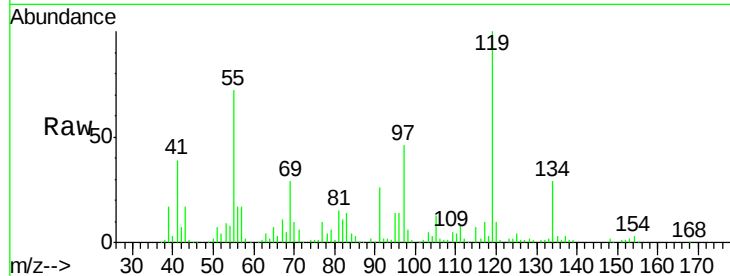




#24
 Nitrobenzene
 Concen: 3.51 ng
 RT: 7.02 min Scan# 872
 Delta R.T. -0.08 min
 Lab File: BF097238.D
 Acq: 1 Aug 2017 18:19

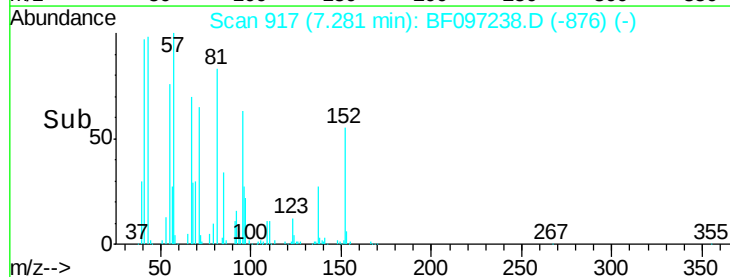
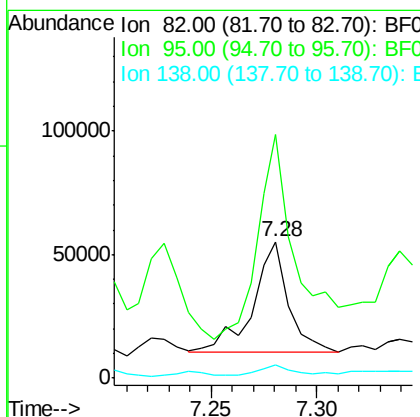
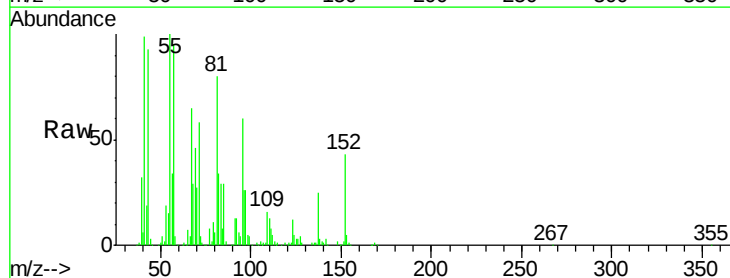
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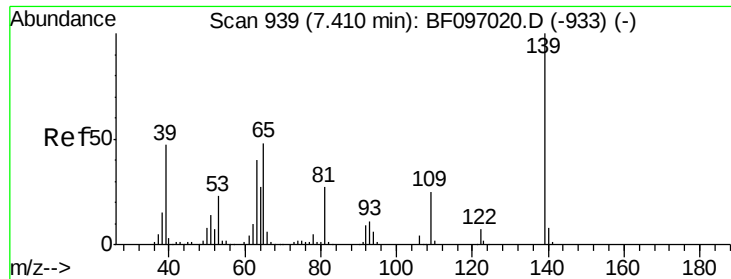
Tot Ion	Ratio	Lower	Upper
77	100		
123	18.1	35.8	53.8#
65	72.7	10.6	15.8#



#25
 Isophorone
 Concen: 4.65 ng
 RT: 7.28 min Scan# 917
 Delta R.T. -0.06 min
 Lab File: BF097238.D
 Acq: 1 Aug 2017 18:19

Tgt Ion	Ratio	Lower	Upper
82	100		
95	178.7	5.3	7.9#
138	9.7	13.1	19.7#

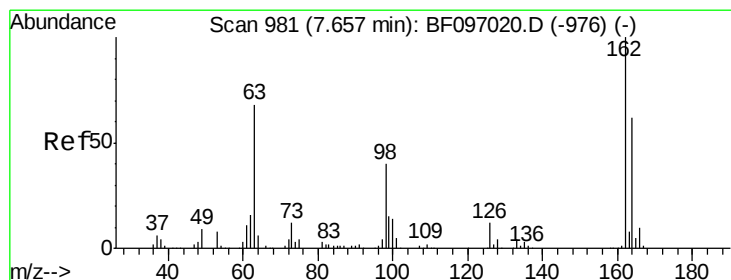
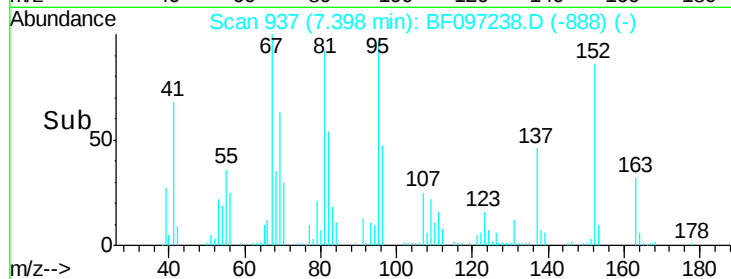
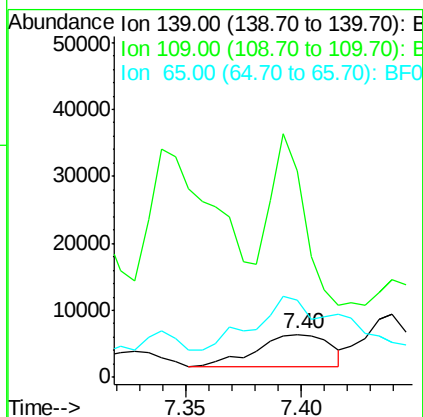
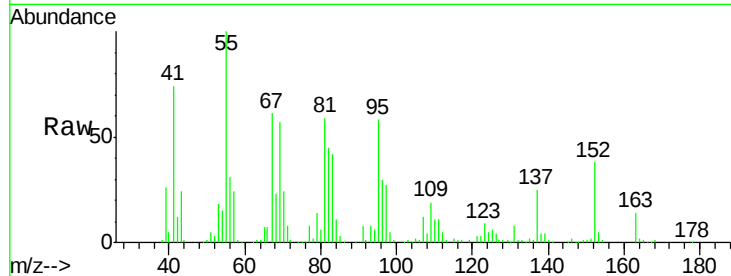




#26
 2-Nitrophenol
 Concen: 3.42 ng
 RT: 7.40 min Scan# 937
 Delta R.T. -0.01 min
 Lab File: BF097238.D
 Acq: 1 Aug 2017 18:19

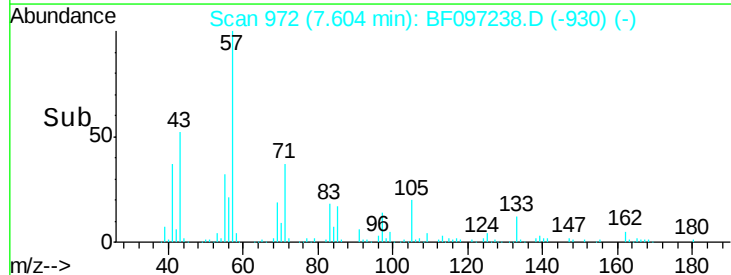
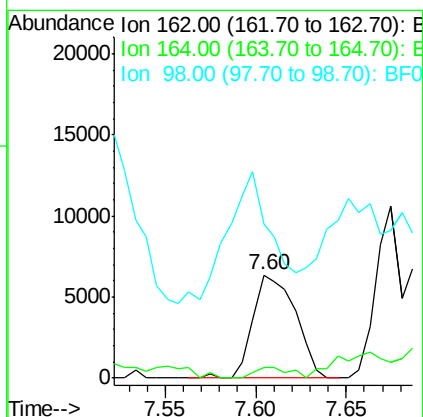
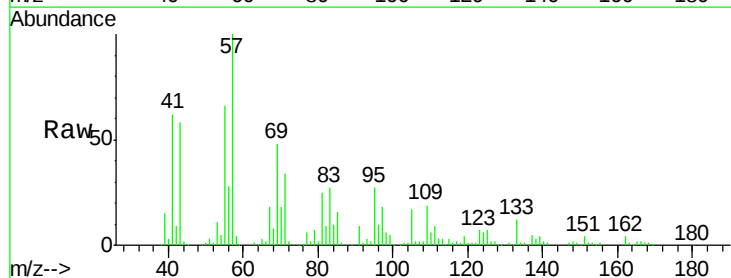
Instrument :
 BNA_F
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 E2-L6-NSW-DUP

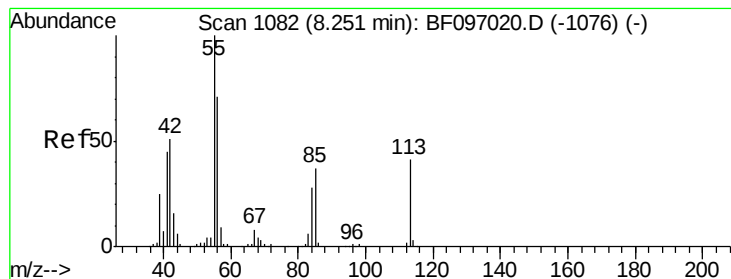
Tot Ion:139 Resp: 11043
 Ion Ratio Lower Upper
 139 100
 109 479.9 21.0 31.6#
 65 179.4 33.0 49.6#



#29
 2,4-Dichlorophenol
 Concen: 2.26 ng
 RT: 7.60 min Scan# 972
 Delta R.T. -0.05 min
 Lab File: BF097238.D
 Acq: 1 Aug 2017 18:19

Tgt Ion:162 Resp: 10360
 Ion Ratio Lower Upper
 162 100
 164 9.7 44.6 84.6#
 98 149.8 14.8 54.8#





#35

Caprolactam

Concen: 42.92 ng

RT: 8.21 min Scan# 1075

Delta R.T. -0.04 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

Instrument :

BNA_F

ClientSampleId :

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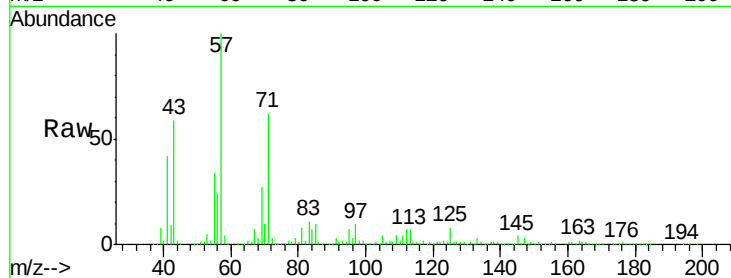
Tot Ion:113 Resp: 63104

Ion Ratio Lower Upper

113 100

55 468.7 150.2 190.2#

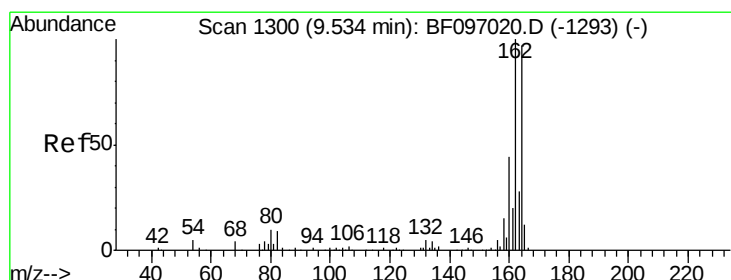
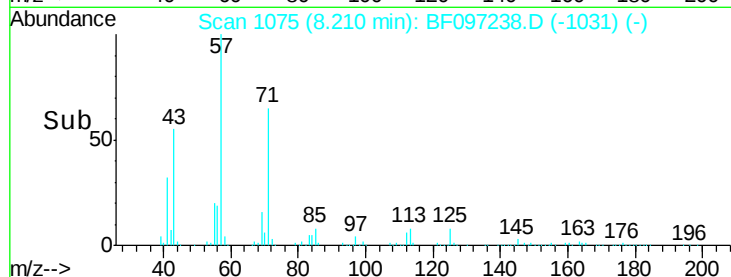
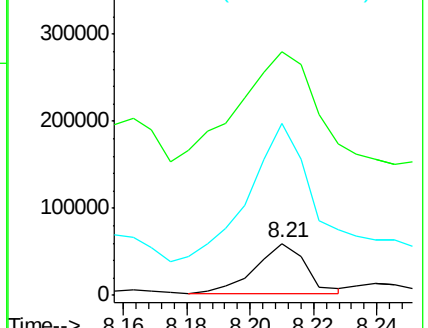
56 331.7 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.51 min Scan# 1296

Delta R.T. -0.02 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

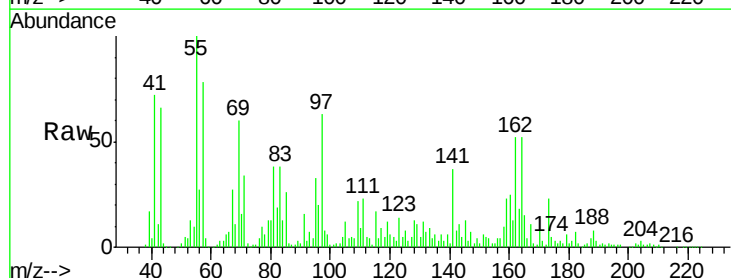
Tgt Ion:164 Resp: 100309

Ion Ratio Lower Upper

164 100

162 100.5 82.6 123.8

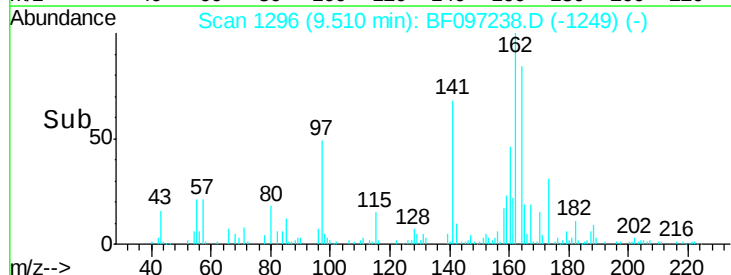
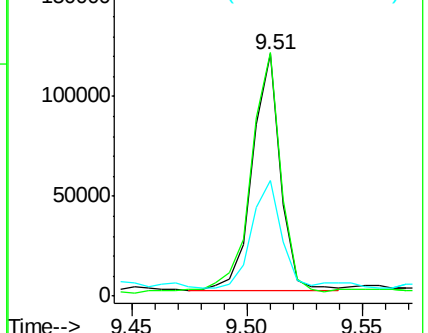
160 47.6 36.2 54.2

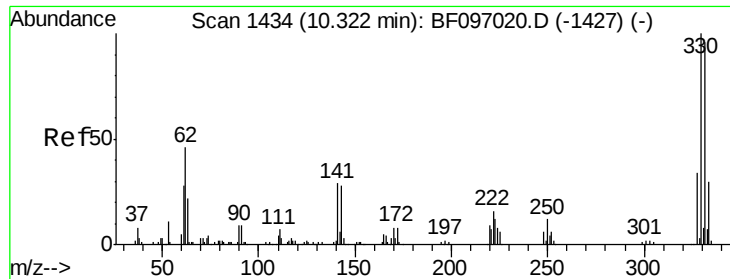


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

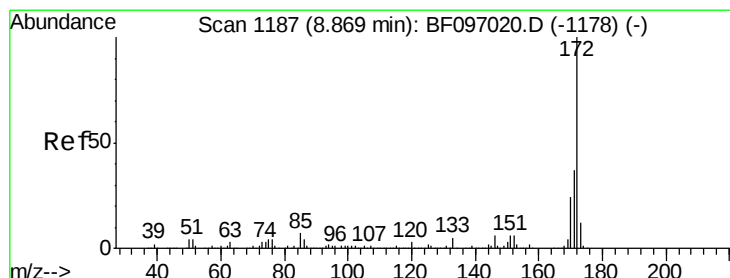
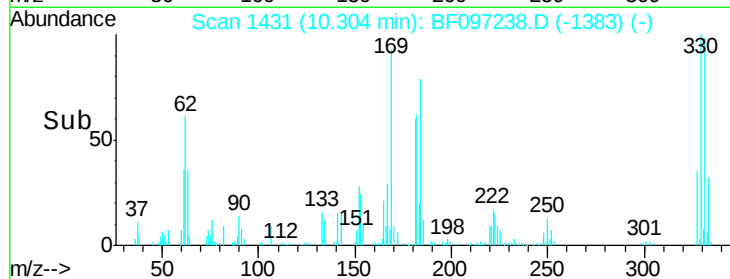
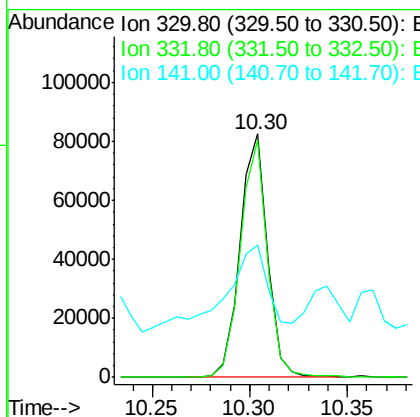
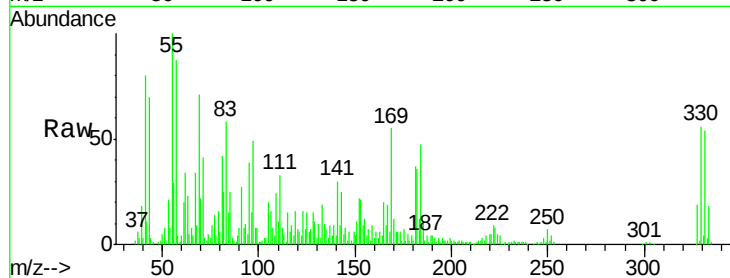




#41
 2,4,6-Tribromophenol
 Concen: 100.92 ng
 RT: 10.30 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF097238.D
 Acq: 1 Aug 2017 18:19

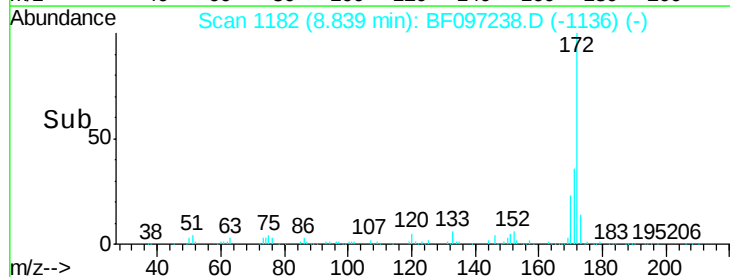
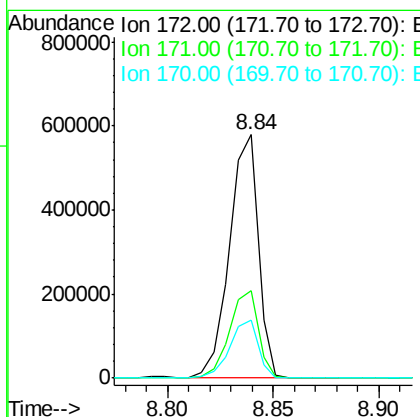
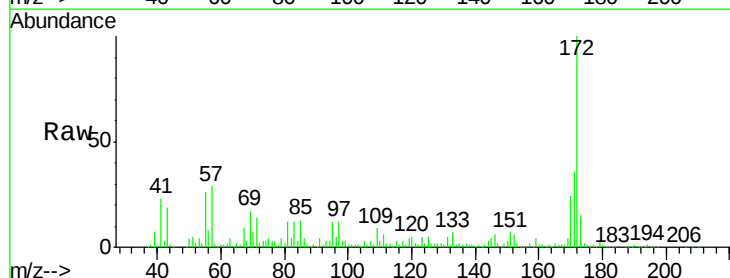
Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-NSW-DUP

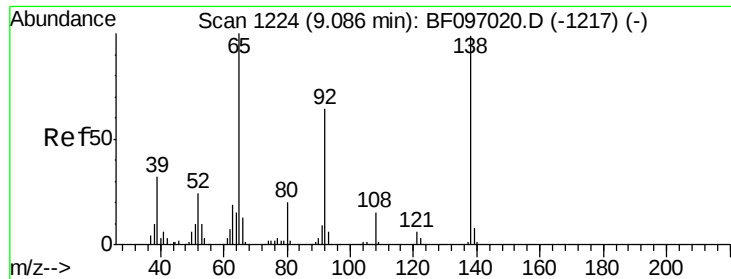
Tot Ion:330 Resp: 79982
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.6 115.0
 141 57.6 31.4 47.2#



#44
 2-Fluorobiphenyl
 Concen: 91.87 ng
 RT: 8.84 min Scan# 1182
 Delta R.T. -0.03 min
 Lab File: BF097238.D
 Acq: 1 Aug 2017 18:19

Tgt Ion:172 Resp: 543003
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.6 19.8 29.8

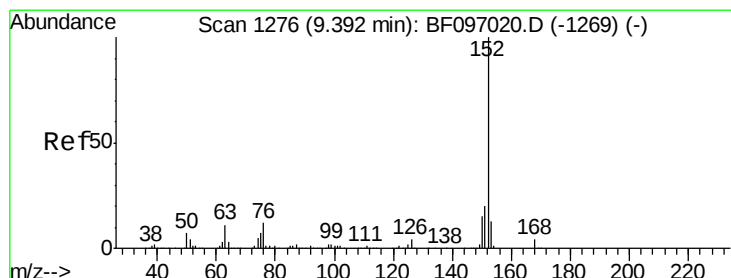
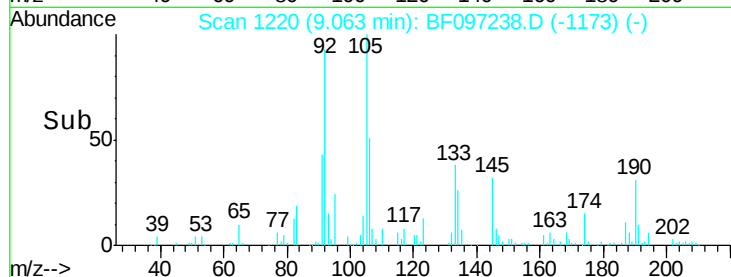
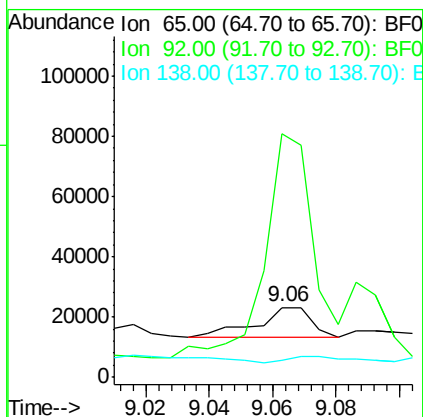
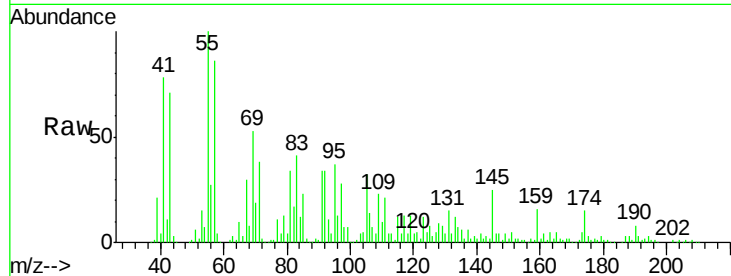




#47
2-Nitroaniline
Concen: 5.37 ng
RT: 9.06 min Scan# 1220
Delta R.T. -0.02 min
Lab File: BF097238.D
Acq: 1 Aug 2017 18:19

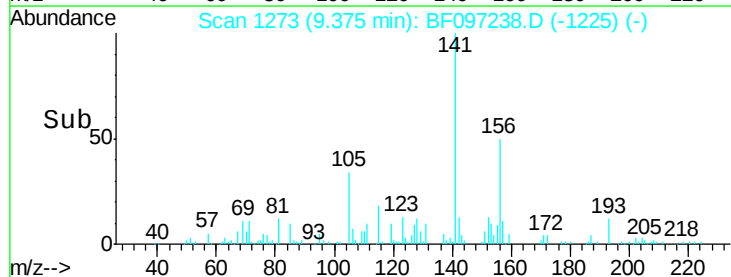
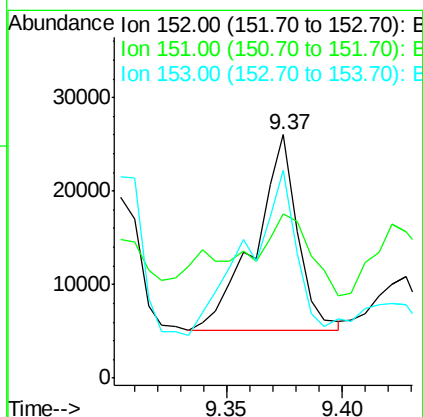
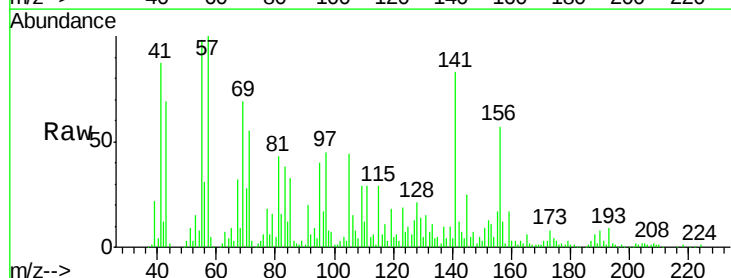
Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW-DUP

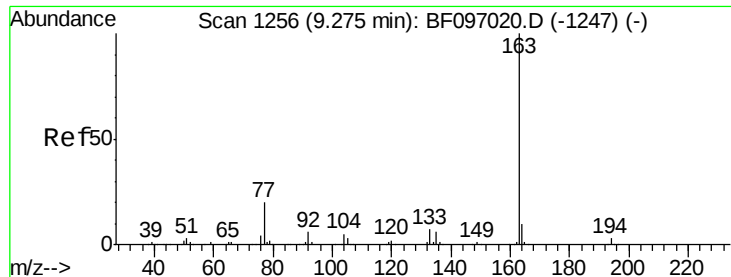
Tot Ion: 65 Resp: 12290
Ion Ratio Lower Upper
65 100
92 348.1 53.9 80.9#
138 24.9 78.8 118.2#



#48
Acenaphthylene
Concen: 2.80 ng
RT: 9.37 min Scan# 1273
Delta R.T. -0.02 min
Lab File: BF097238.D
Acq: 1 Aug 2017 18:19

Tgt Ion: 152 Resp: 27142
Ion Ratio Lower Upper
152 100
151 67.4 16.8 25.2#
153 85.5 10.8 16.2#

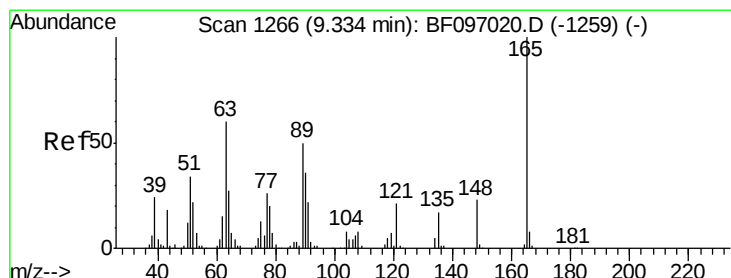
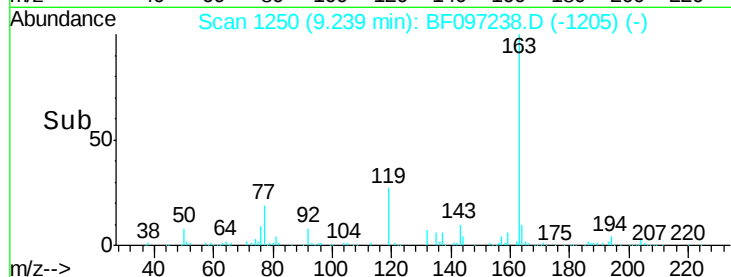
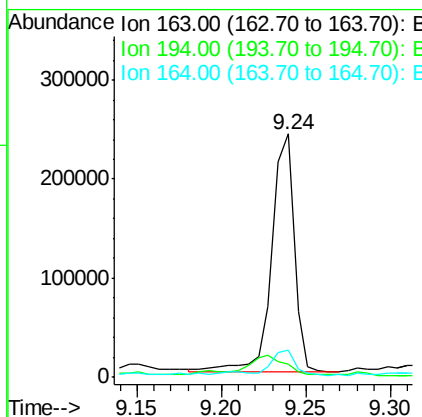
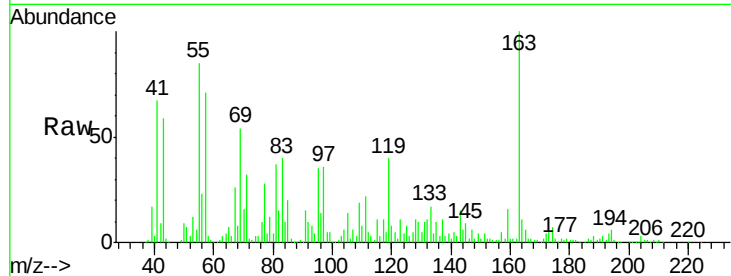




#49
Dimethylphthalate
Concen: 29.58 ng
RT: 9.24 min Scan# 1250
Delta R.T. -0.04 min
Lab File: BF097238.D
Acq: 1 Aug 2017 18:19

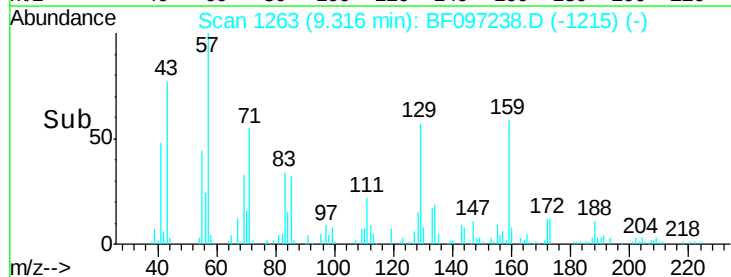
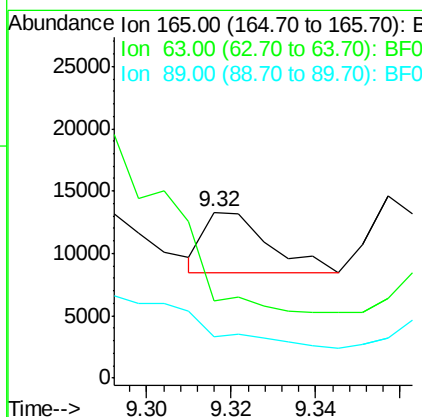
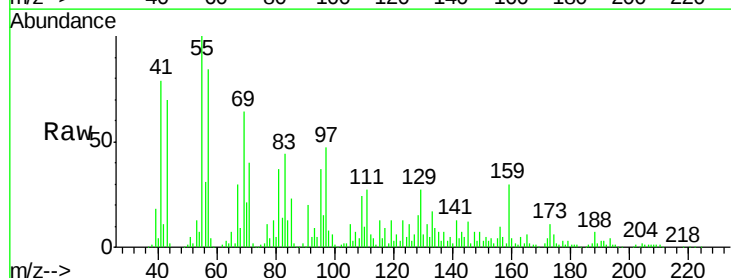
Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW-DUP

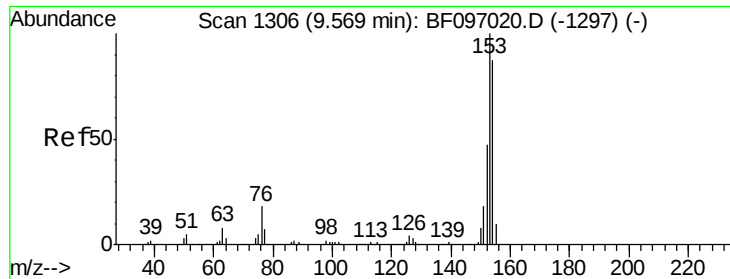
Tot Ion:163 Resp: 225324
Ion Ratio Lower Upper
163 100
194 5.5 2.6 4.0#
164 11.2 8.4 12.6



#50
2,6-Dinitrotoluene
Concen: 3.13 ng
RT: 9.32 min Scan# 1263
Delta R.T. -0.02 min
Lab File: BF097238.D
Acq: 1 Aug 2017 18:19

Tgt Ion:165 Resp: 5057
Ion Ratio Lower Upper
165 100
63 46.7 34.3 51.5
89 25.1 37.1 55.7#





#51

Acenaphthene

Concen: 5.72 ng

RT: 9.54 min Scan# 1301

Delta R.T. -0.03 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

Instrument :

BNA_F

ClientSampleId :

E2-L6-NSW-DUP

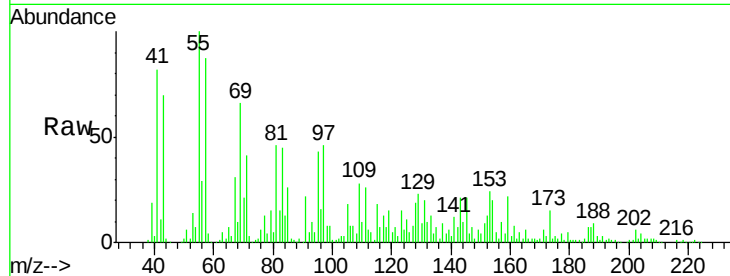
Tot Ion:154 Resp: 32610

Ion Ratio Lower Upper

154 100

153 123.6 90.5 135.7

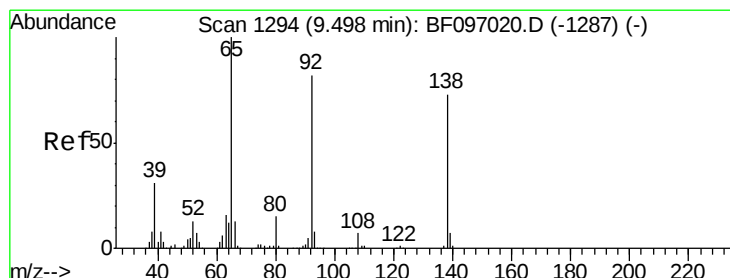
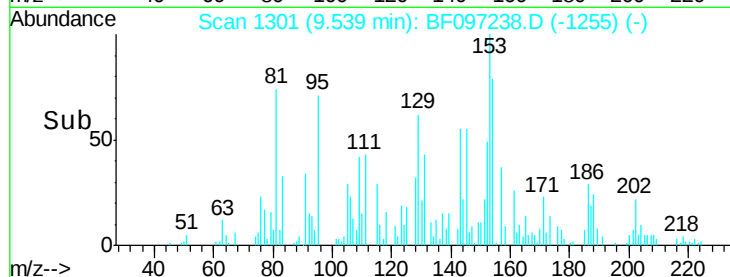
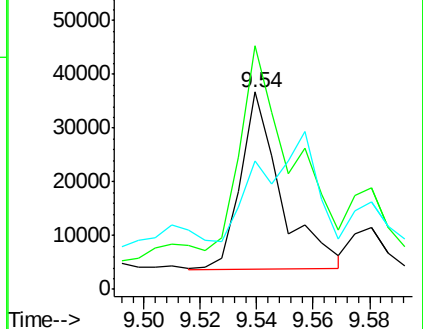
152 65.5 43.6 65.4#



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: 2.68 ng

RT: 9.46 min Scan# 1288

Delta R.T. -0.04 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

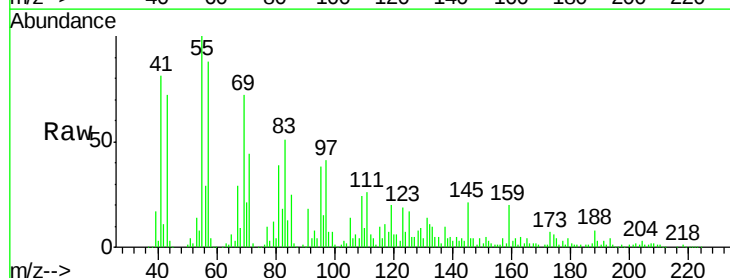
Tgt Ion:138 Resp: 5375

Ion Ratio Lower Upper

138 100

108 88.5 9.1 13.7#

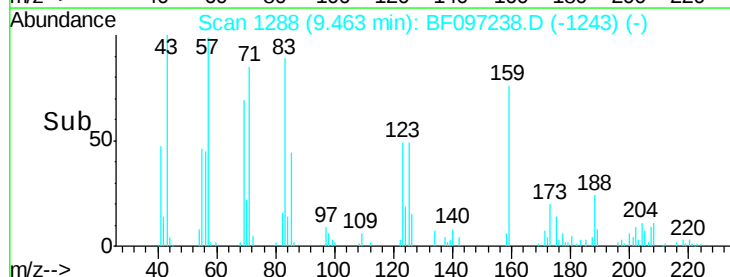
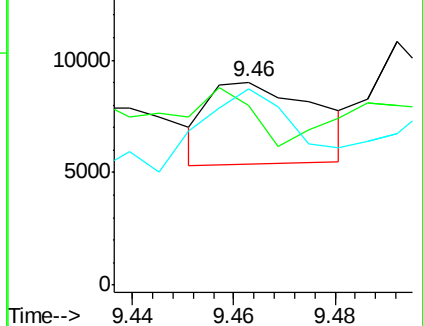
92 96.8 93.8 140.6

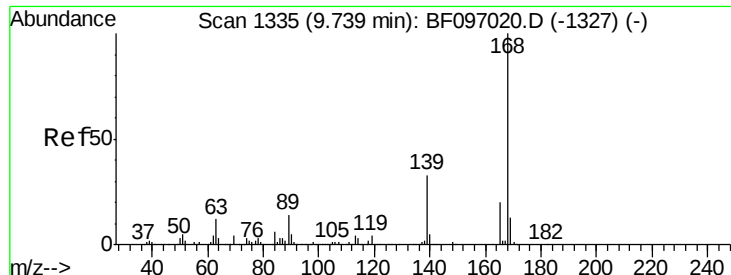


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF0

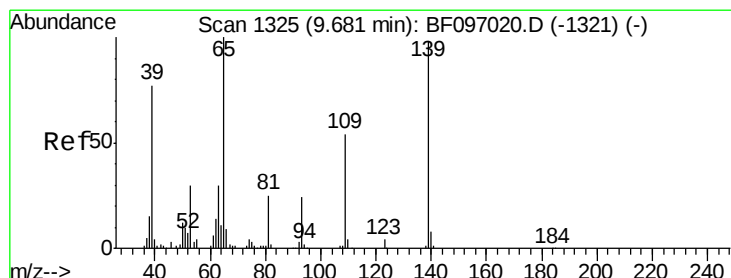
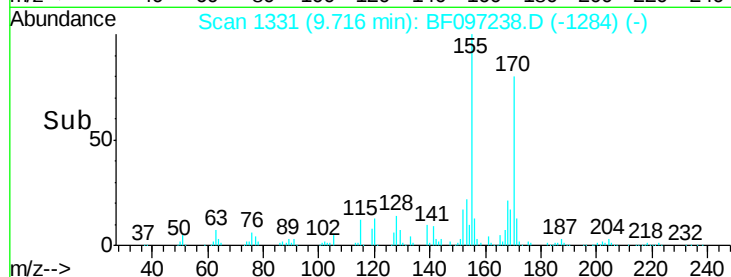
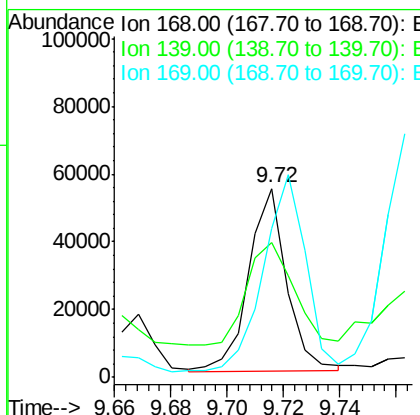
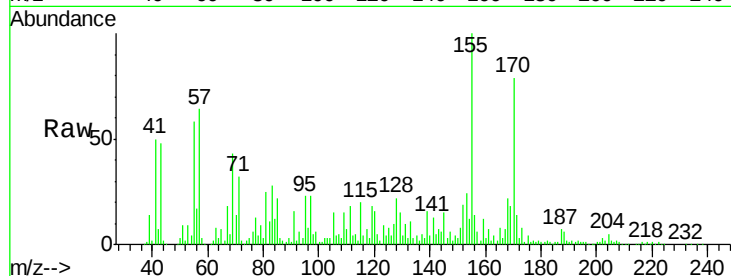




#54
Dibenzenofuran
Concen: 6.67 ng
RT: 9.72 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BF097238.D
Acq: 1 Aug 2017 18:19

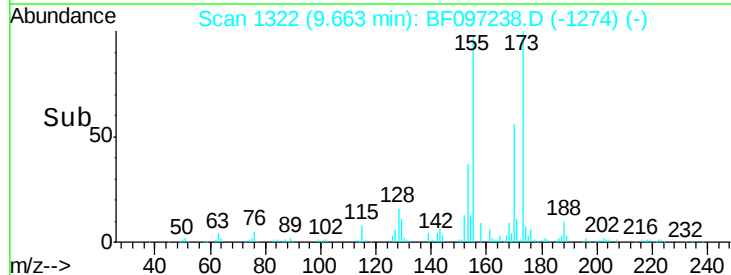
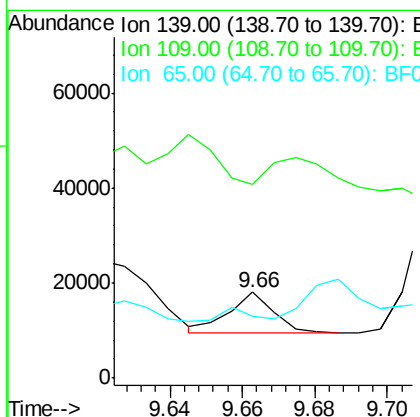
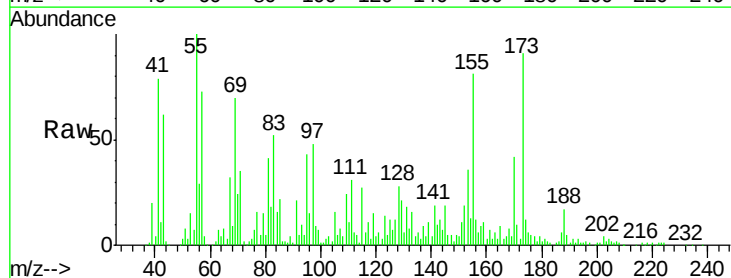
Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW-DUP

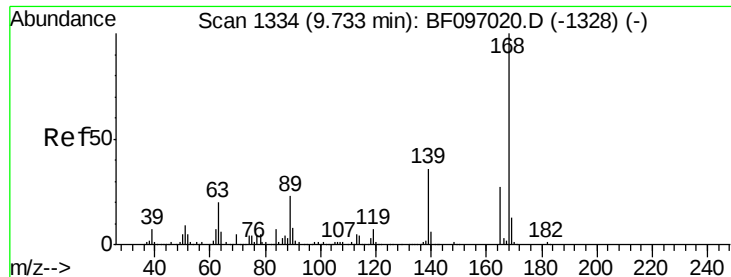
Tot Ion:168 Resp: 50611
Ion Ratio Lower Upper
168 100
139 71.1 30.6 45.8#
169 79.1 10.8 16.2#



#55
4-Nitrophenol
Concen: 6.13 ng
RT: 9.66 min Scan# 1322
Delta R.T. -0.02 min
Lab File: BF097238.D
Acq: 1 Aug 2017 18:19

Tgt Ion:139 Resp: 7310
Ion Ratio Lower Upper
139 100
109 224.7 34.1 74.1#
65 71.3 31.4 71.4

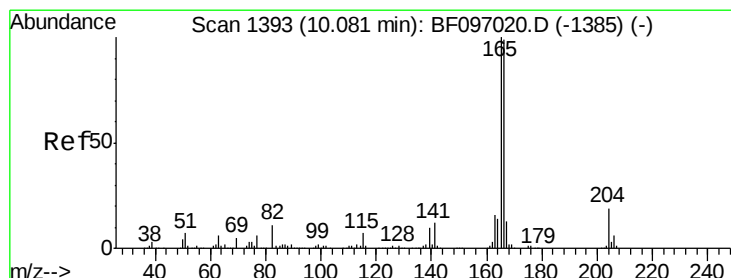
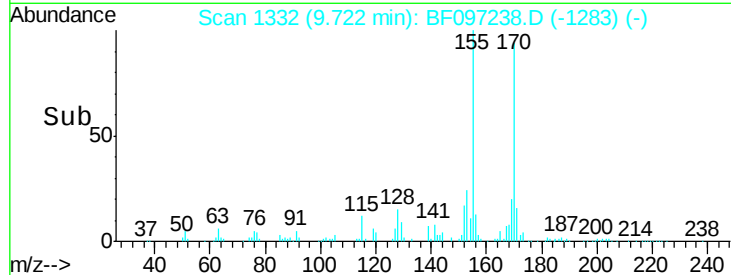
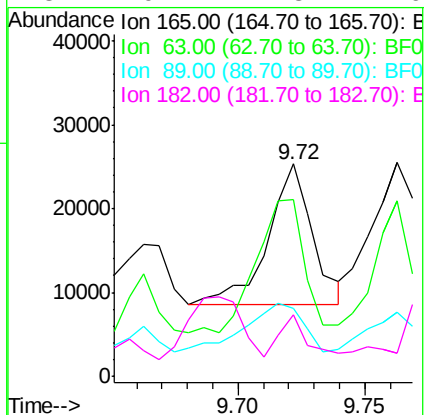
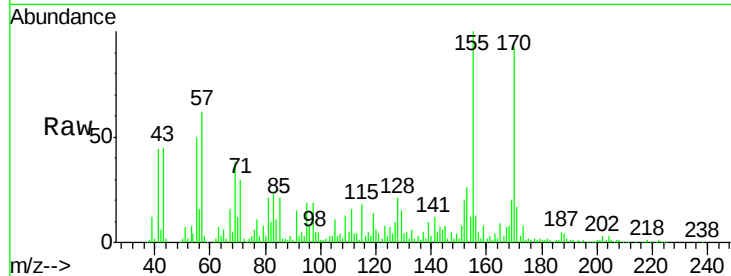




#56
 2,4-Dinitrotoluene
 Concen: 10.97 ng
 RT: 9.72 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF097238.D
 Acq: 1 Aug 2017 18:19

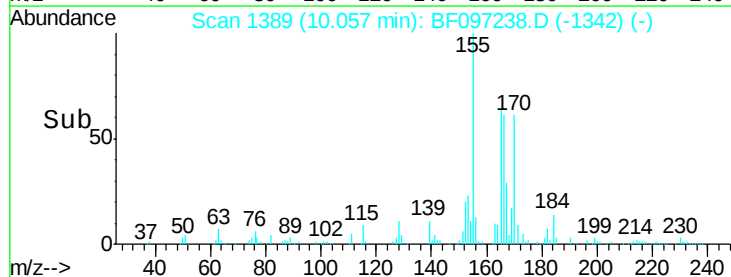
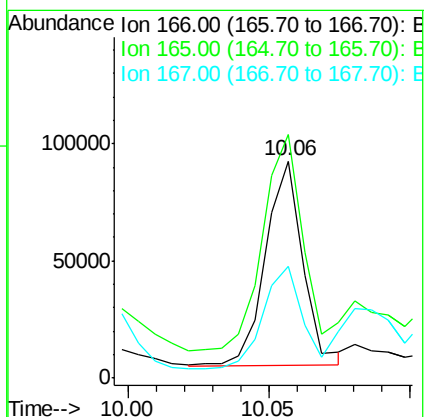
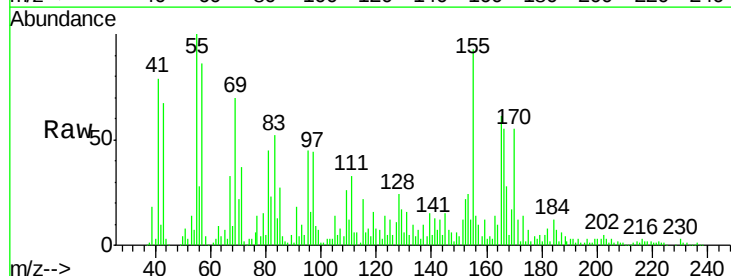
Instrument :
 BNA_F
 ClientSampleId :
 E2-L6-NSW-DUP

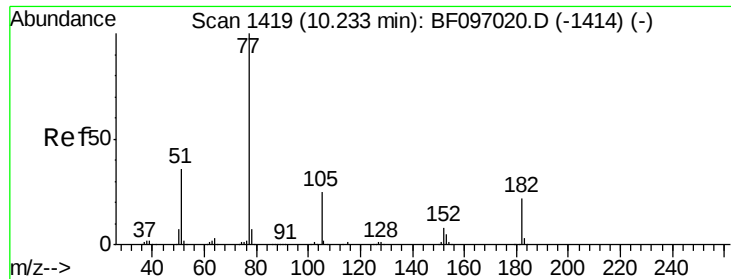
Tot Ion:165 Resp: 20374
 Ion Ratio Lower Upper
 165 100
 63 82.9 25.4 38.0#
 89 31.7 46.4 69.6#
 182 29.1 1.8 2.6#



#57
 Fluorene
 Concen: 14.04 ng
 RT: 10.06 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: BF097238.D
 Acq: 1 Aug 2017 18:19

Tgt Ion:166 Resp: 80134
 Ion Ratio Lower Upper
 166 100
 165 112.1 78.8 118.2
 167 51.6 10.6 16.0#





#62

Azobenzene

Concen: 3.33 ng

RT: 10.22 min Scan# 1416

Delta R.T. -0.02 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

Instrument :

BNA_F

ClientSampleId :

E2-L6-NSW-DUP

Tot Ion: 77 Resp: 21591

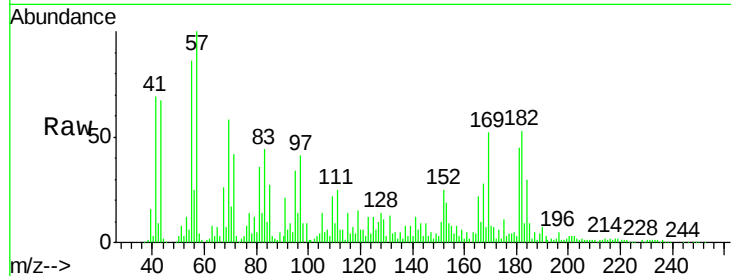
Ion Ratio Lower Upper

77 100

182 387.8 0.1 40.1#

105 104.9 3.6 43.6#

51 57.2 9.4 49.4#

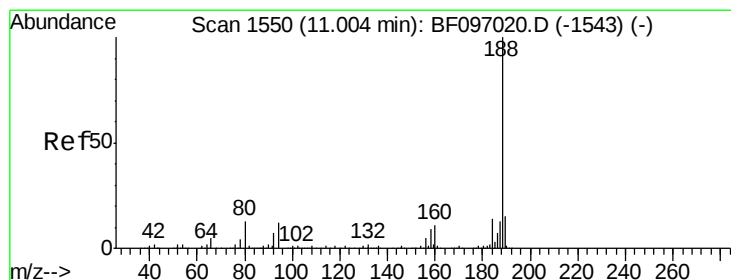
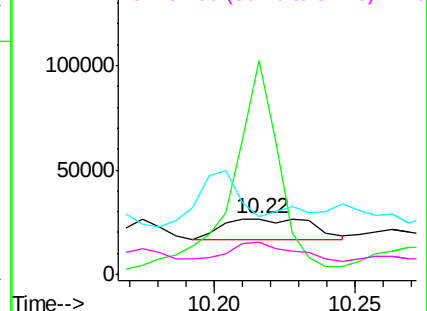
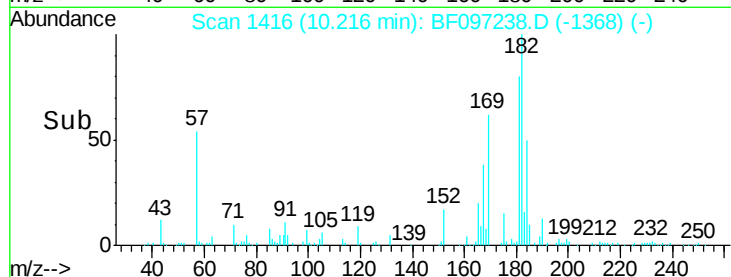


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 10.99 min Scan# 1547

Delta R.T. -0.02 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

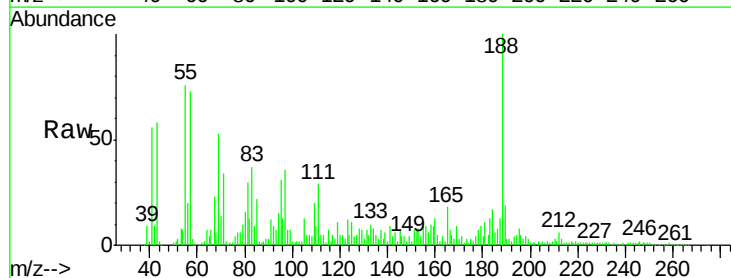
Tgt Ion: 188 Resp: 156380

Ion Ratio Lower Upper

188 100

94 14.8 9.4 14.2#

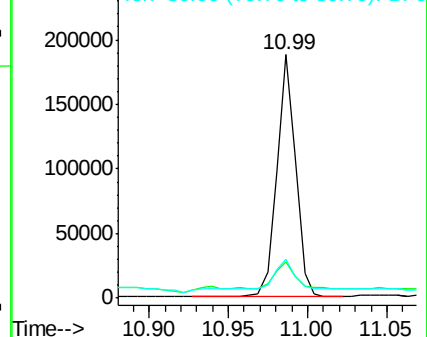
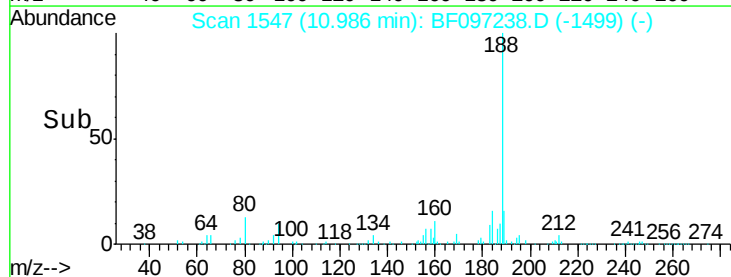
80 16.1 10.2 15.2#

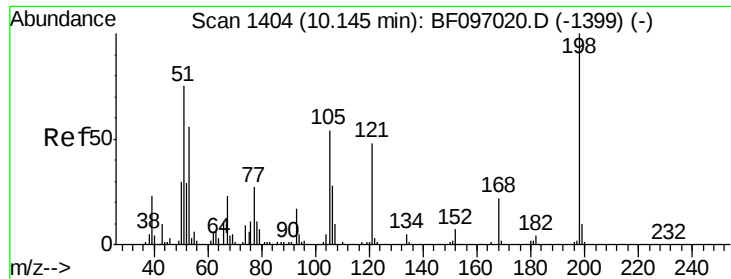


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

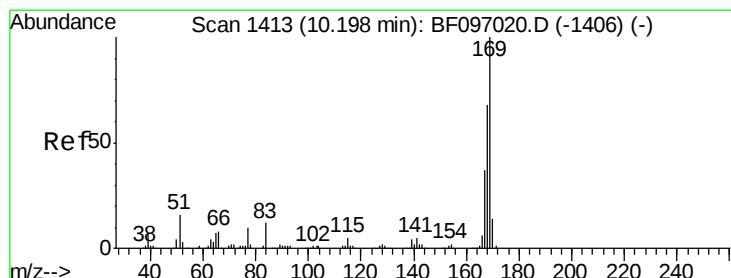
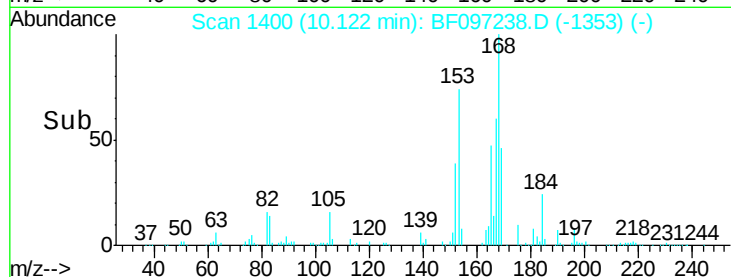
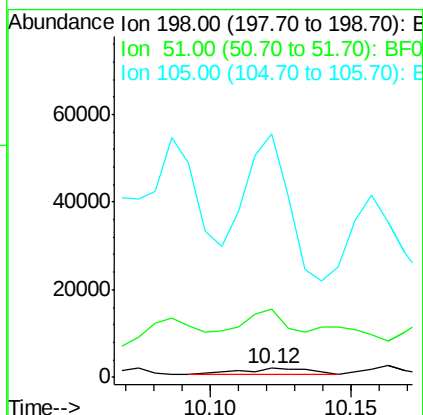
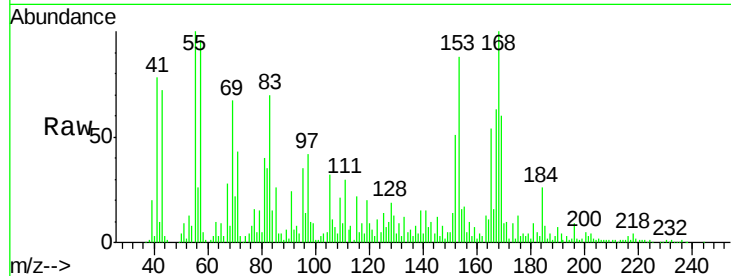




#64
4,6-Dinitro-2-methylphenol
Concen: 2.06 ng
RT: 10.12 min Scan# 1400
Delta R.T. -0.02 min
Lab File: BF097238.D
Acq: 1 Aug 2017 18:19

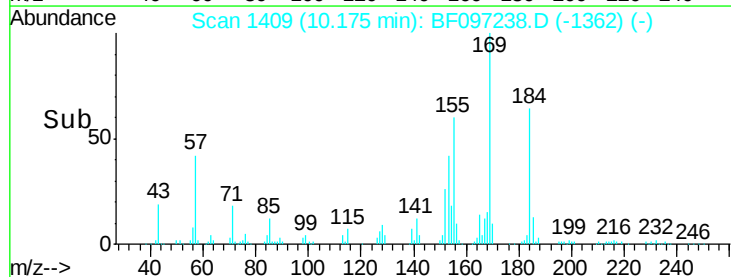
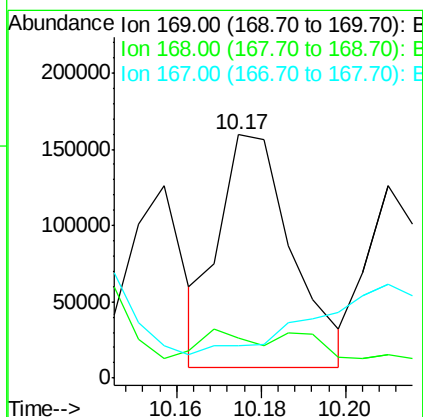
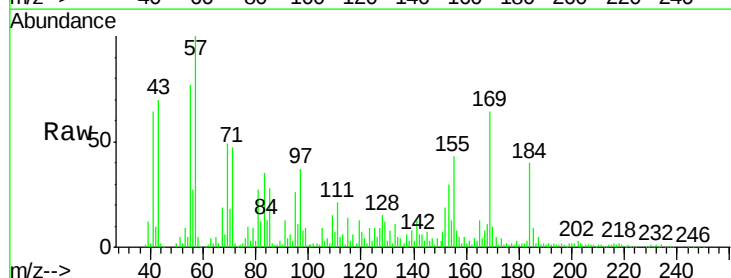
Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW-DUP

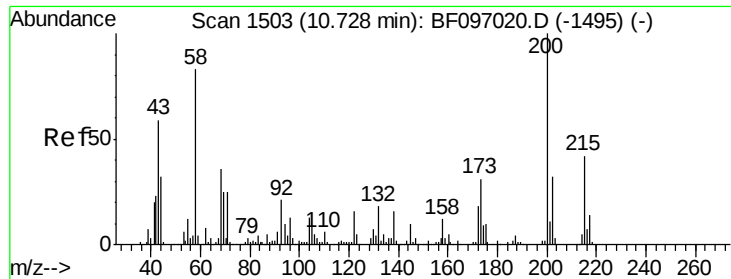
Tot Ion:198 Resp: 1999
Ion Ratio Lower Upper
198 100
51 773.4 53.2 93.2#
105 2733.3 45.8 85.8#



#65
n-Nitrosodiphenylamine
Concen: 33.65 ng
RT: 10.17 min Scan# 1409
Delta R.T. -0.02 min
Lab File: BF097238.D
Acq: 1 Aug 2017 18:19

Tgt Ion:169 Resp: 183097
Ion Ratio Lower Upper
169 100
168 16.6 53.2 79.8#
167 13.3 29.5 44.3#





#68

Atrazine

Concen: 2.27 ng

RT: 10.72 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

Instrument :

BNA_F

ClientSampleId :

E2-L6-NSW-DUP

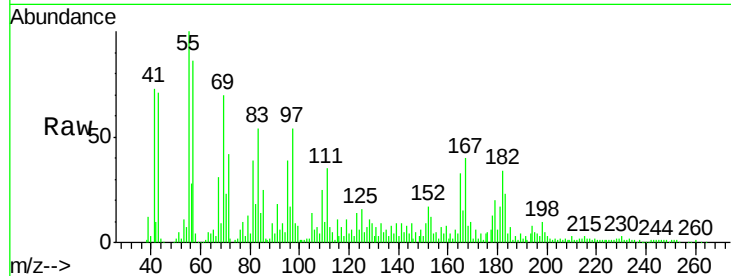
Tot Ion:200 Resp: 3538

Ion Ratio Lower Upper

200 100

173 160.8 6.3 46.3#

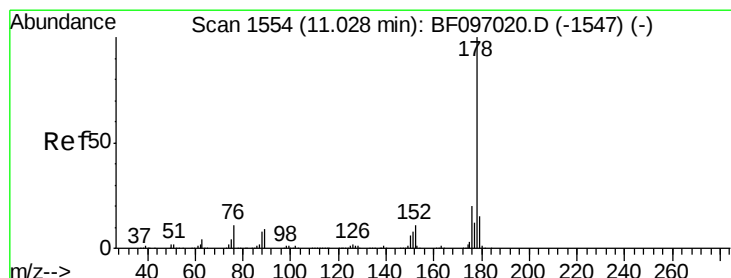
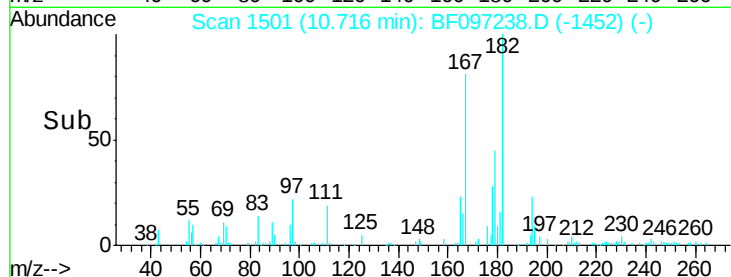
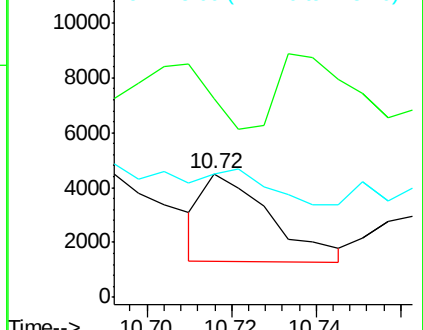
215 99.2 27.2 67.2#



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



#70

Phenanthrene

Concen: 8.62 ng

RT: 11.01 min Scan# 1551

Delta R.T. -0.02 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

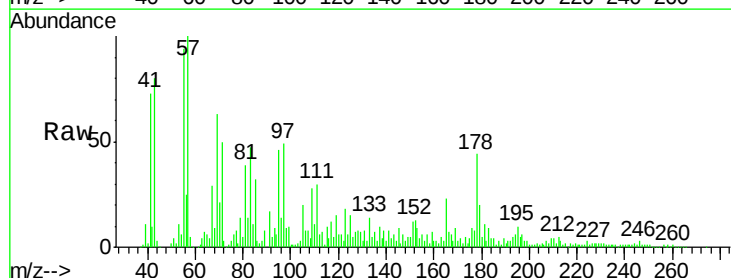
Tgt Ion:178 Resp: 72206

Ion Ratio Lower Upper

178 100

176 21.2 16.2 24.4

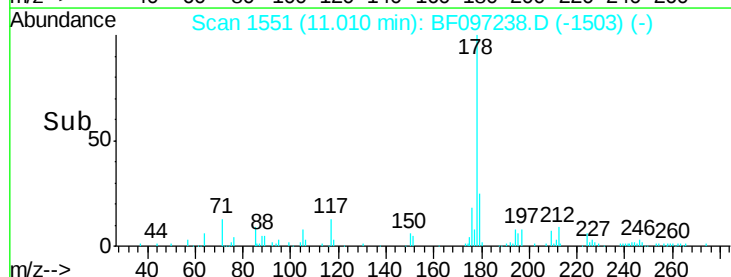
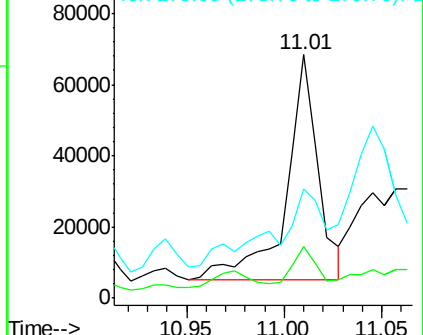
179 45.0 12.6 19.0#

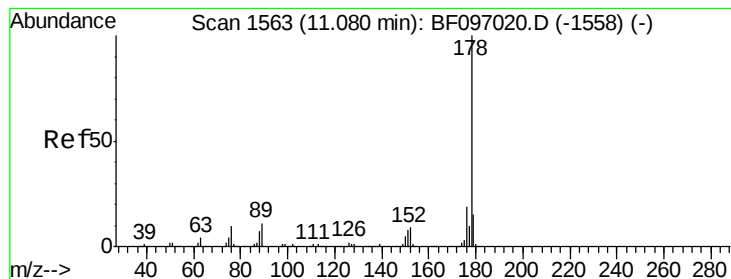


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#71

Anthracene

Concen: 4.21 ng

RT: 11.06 min Scan# 1560

Delta R.T. -0.02 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

Instrument :

BNA_F

ClientSampleId :

E2-L6-NSW-DUP

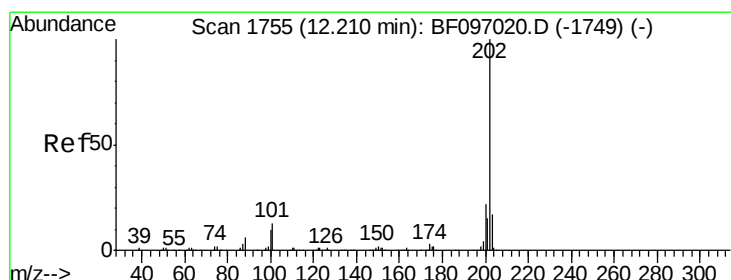
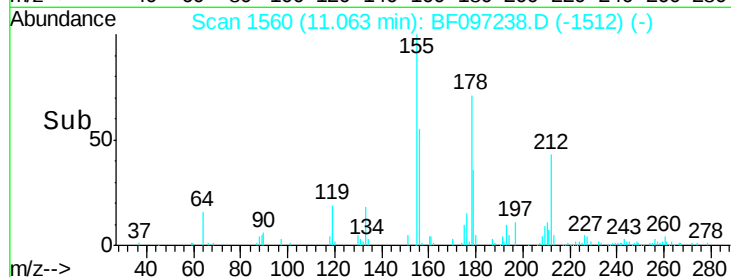
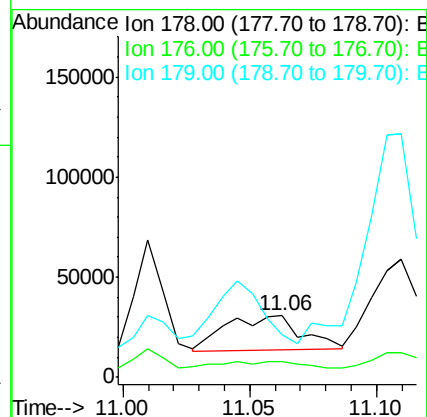
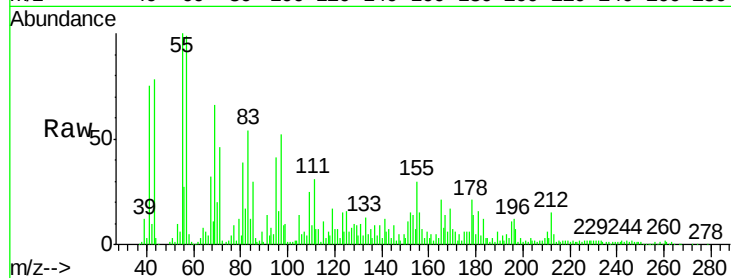
Tot Ion:178 Resp: 36106

Ion Ratio Lower Upper

178 100

176 26.5 15.8 23.8#

179 68.8 12.7 19.1#



#74

Fluoranthene

Concen: 4.85 ng

RT: 12.19 min Scan# 1751

Delta R.T. -0.02 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

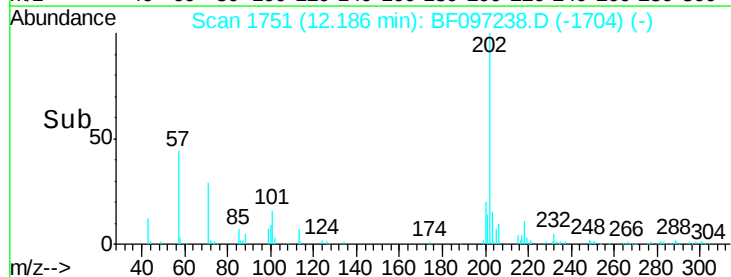
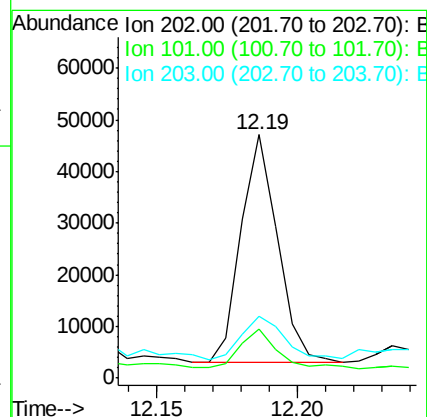
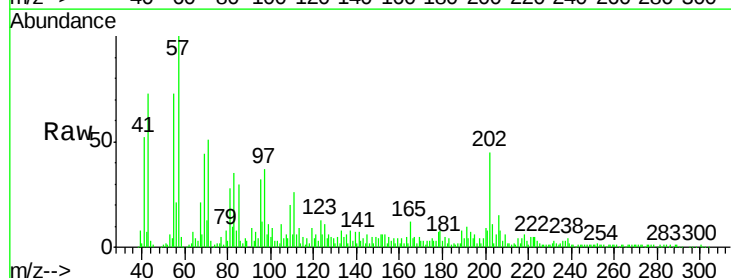
Tgt Ion:202 Resp: 39840

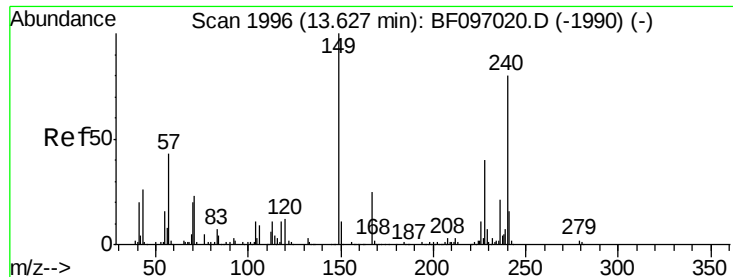
Ion Ratio Lower Upper

202 100

101 20.0 0.0 33.2

203 25.2 0.0 38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1991

Delta R.T. -0.03 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

Instrument :

BNA_F

ClientSampleId :

E2-L6-NSW-DUP

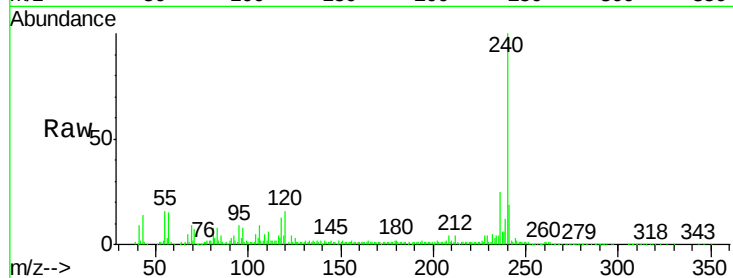
Tot Ion:240 Resp: 195030

Ion Ratio Lower Upper

240 100

120 16.0 5.8 8.8#

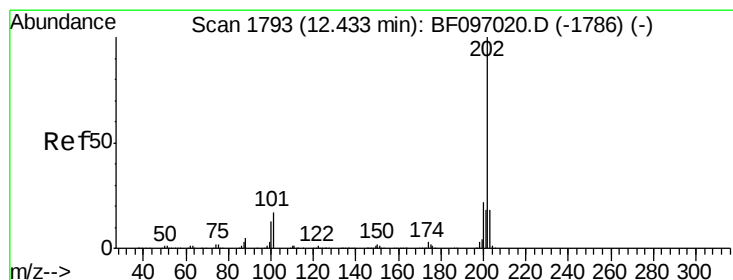
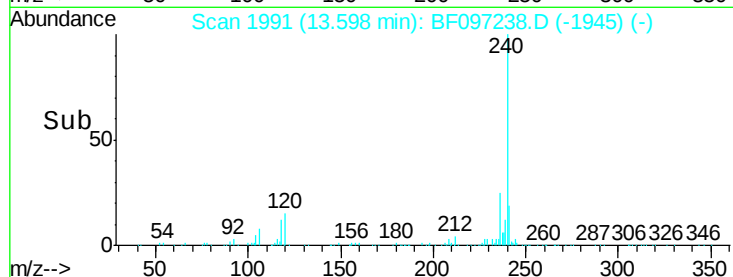
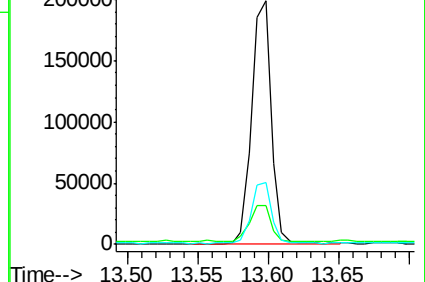
236 25.3 20.5 30.7



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: 4.06 ng

RT: 12.41 min Scan# 1789

Delta R.T. -0.02 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

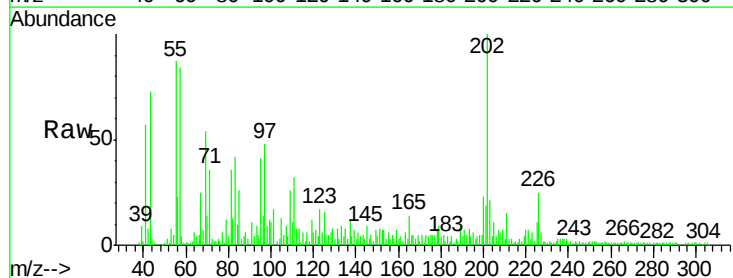
Tgt Ion:202 Resp: 64860

Ion Ratio Lower Upper

202 100

200 22.6 17.6 26.4

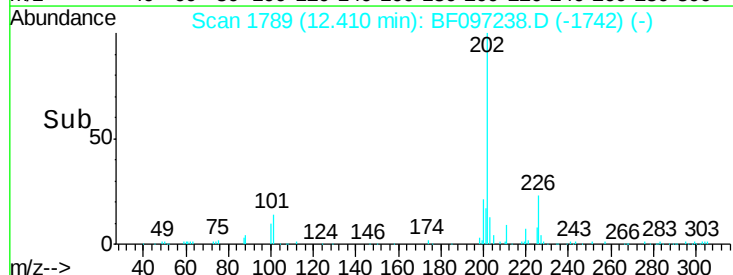
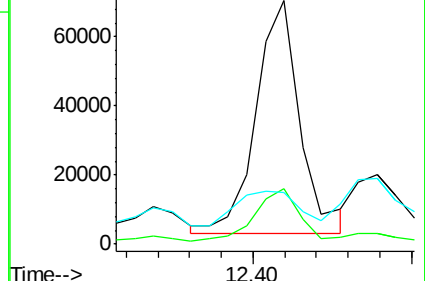
203 21.3 14.4 21.6

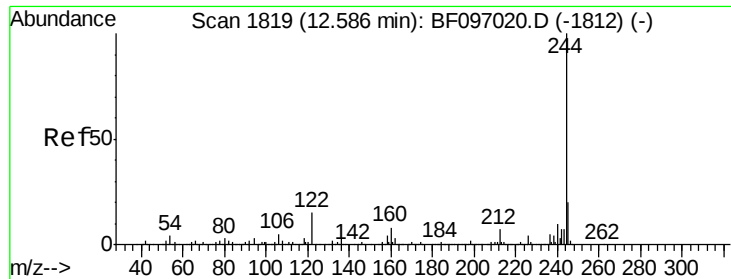


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 39.49 ng

RT: 12.56 min Scan# 1814

Delta R.T. -0.03 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

Instrument :

BNA_F

ClientSampleId :

E2-L6-NSW-DUP

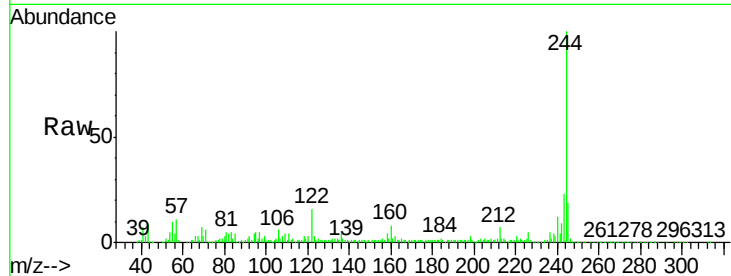
Tot Ion:244 Resp: 377765

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

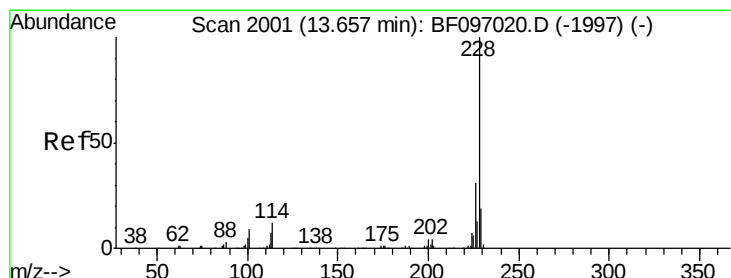
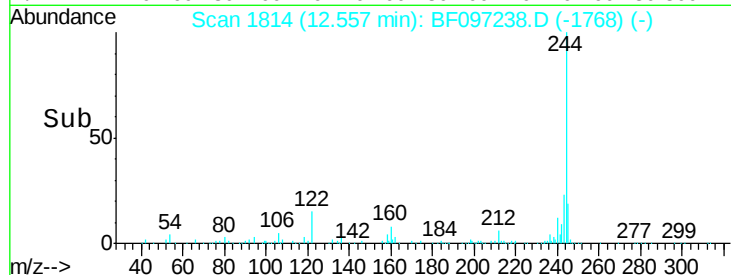
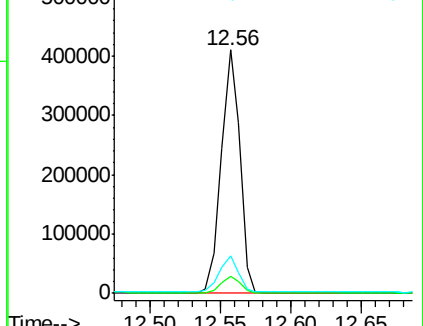
122 15.7 10.3 15.5#



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



#82

Chrysene

Concen: 2.24 ng

RT: 13.62 min Scan# 1995

Delta R.T. -0.04 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

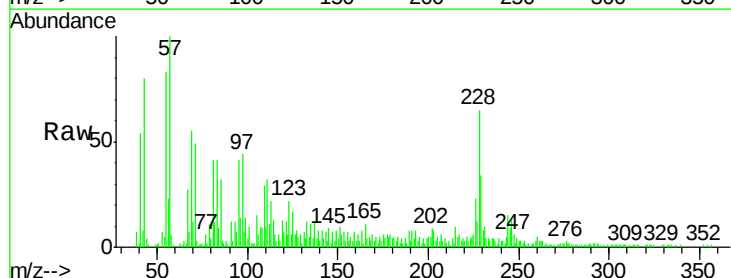
Tgt Ion:228 Resp: 27612

Ion Ratio Lower Upper

228 100

226 35.8 24.9 37.3

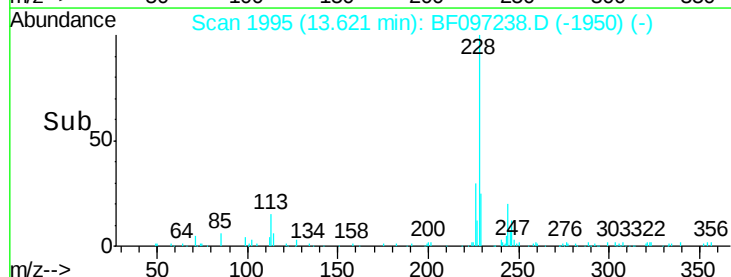
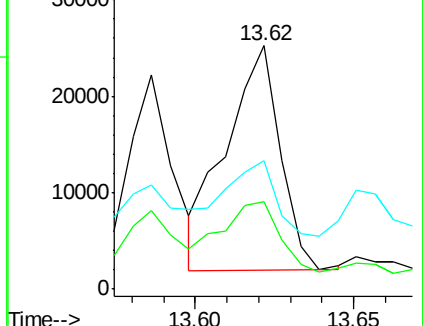
229 52.8 15.8 23.6#

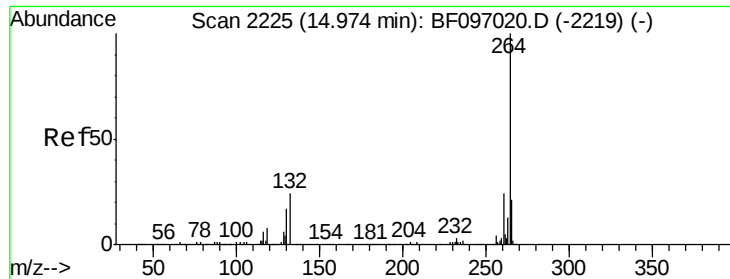


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

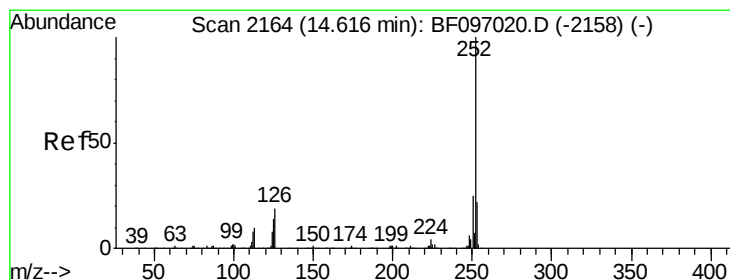
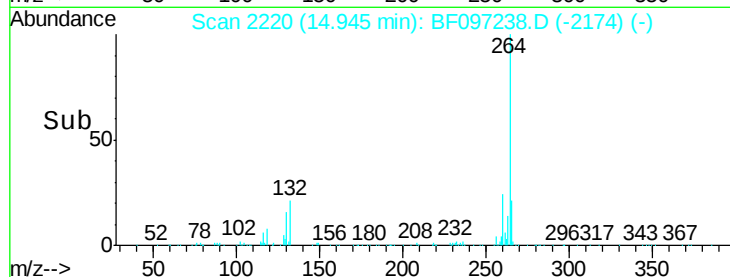
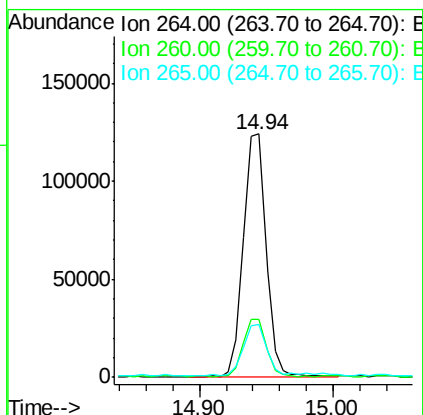
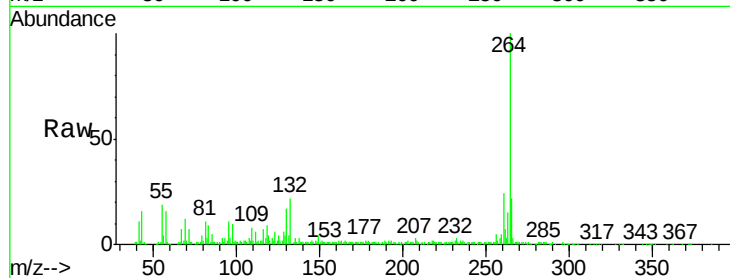




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.94 min Scan# 2220
Delta R.T. -0.03 min
Lab File: BF097238.D
Acq: 1 Aug 2017 18:19

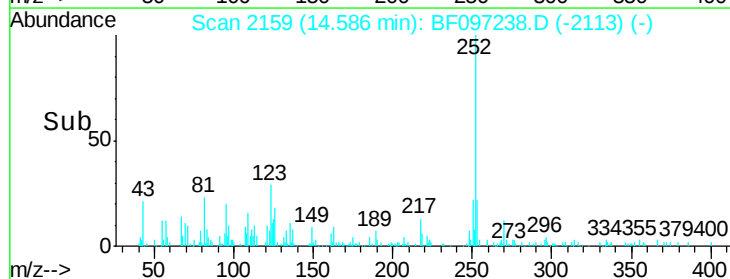
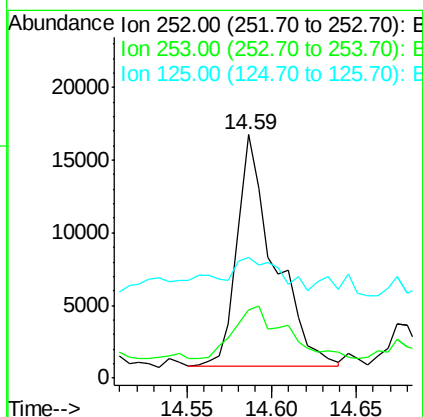
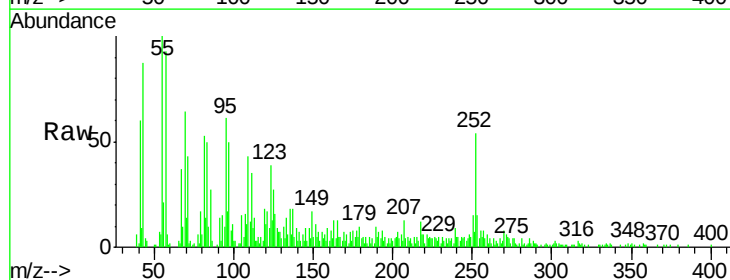
Instrument :
BNA_F
ClientSampleId :
E2-L6-NSW-DUP

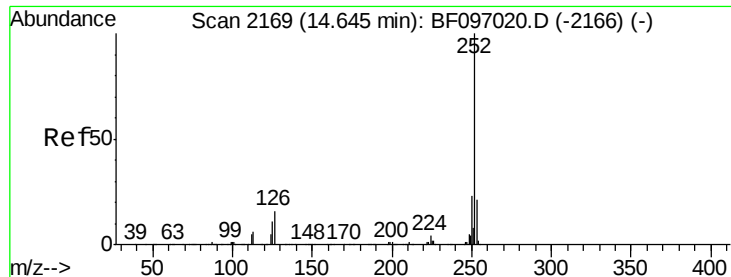
Tot Ion:264 Resp: 148408
Ion Ratio Lower Upper
264 100
260 23.9 19.5 29.3
265 21.6 17.2 25.8



#87
Benzo(b)fluoranthene
Concen: 2.72 ng
RT: 14.59 min Scan# 2159
Delta R.T. -0.03 min
Lab File: BF097238.D
Acq: 1 Aug 2017 18:19

Tgt Ion:252 Resp: 24273
Ion Ratio Lower Upper
252 100
253 28.2 18.1 27.1#
125 49.8 9.8 14.8#





#88

Benzo(k)fluoranthene

Concen: 2.86 ng

RT: 14.59 min Scan# 2159

Delta R.T. -0.06 min

Lab File: BF097238.D

Acq: 1 Aug 2017 18:19

Instrument :

BNA_F

ClientSampleId :

E2-L6-NSW-DUP

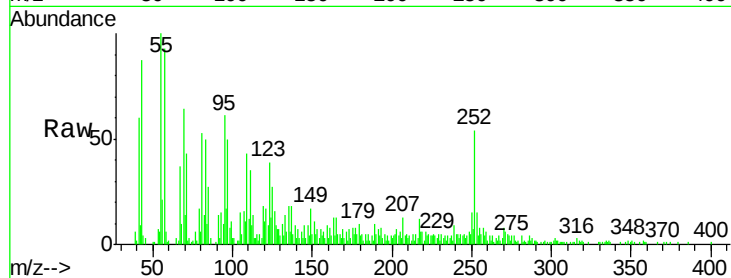
Tot Ion: 252 Resp: 24273

Ion Ratio Lower Upper

252 100

253 28.2 18.4 27.6#

125 49.8 13.1 19.7#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

