

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097370.D
 Acq On : 4 Aug 2017 21:59
 Operator : SJ/JU
 Sample : I4555-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 2013

Quant Time: Aug 04 23:03:05 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	115790	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	474342	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	180122	20.00	ng	-0.07
63) Phenanthrene-d10	10.93	188	289235	20.00	ng	-0.07
75) Chrysene-d12	13.56	240	201842	20.00	ng	-0.07
86) Perylene-d12	14.90	264	166335	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	663466	86.38	ng	-0.06
7) Phenol-d6	6.12	99	760217	86.70	ng	-0.05
23) Nitrobenzene-d5	7.01	82	495922	61.33	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	109001	76.59	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	683746	64.42	ng	-0.07
78) Terphenyl-d14	12.51	244	383114	38.70	ng	-0.08

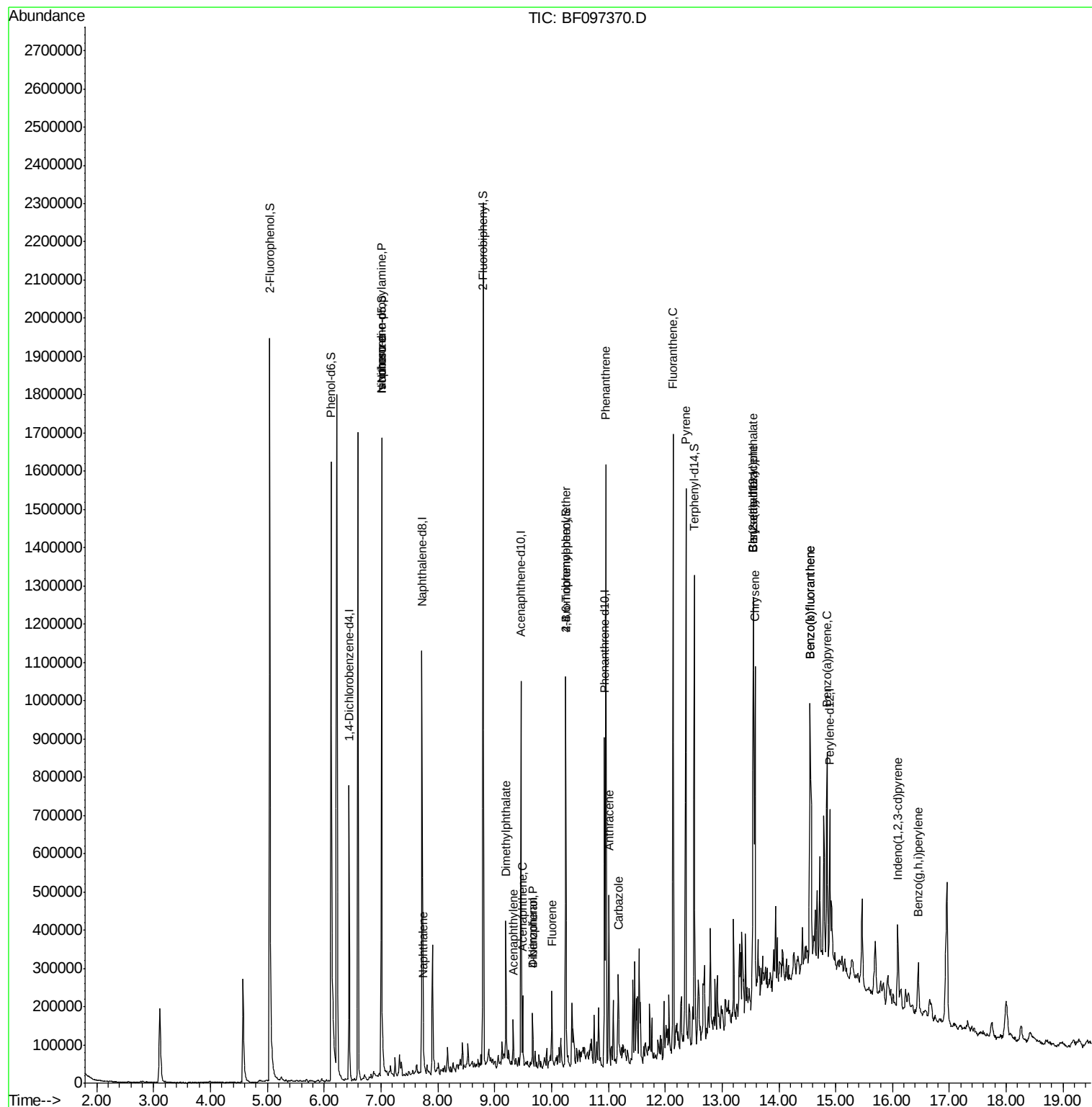
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.01	70	67513	11.70	ng	# 89
25) Isophorone	7.01	82	486812	30.74	ng	# 67
31) Naphthalene	7.75	128	56483	2.53	ng	98
48) Acenaphthylene	9.32	152	46079	2.65	ng	98
49) Dimethylphthalate	9.20	163	138603	10.13	ng	98
51) Acenaphthene	9.49	154	35031	3.42	ng	97
54) Dibenzofuran	9.67	168	48584	3.56	ng	97
55) 4-Nitrophenol	9.67	139	18370	8.58	ng	# 31
57) Fluorene	10.00	166	51826	5.06	ng	99
66) 4-Bromophenyl-phenylether	10.25	248	7189	2.49	ng	# 1
70) Phenanthrene	10.96	178	544508	35.14	ng	99
71) Anthracene	11.01	178	162955	10.27	ng	98
72) Carbazole	11.17	167	86383	5.53	ng	98
74) Fluoranthene	12.14	202	628110	41.37	ng	99
77) Pyrene	12.36	202	576765	34.90	ng	99
80) Benzo(a)anthracene	13.54	228	354522	27.15	ng	99
82) Chrysene	13.58	228	309931	24.30	ng	98
83) Bis(2-ethylhexyl)phthalate	13.56	149	27669	2.52	ng	99
85) Indeno(1,2,3-cd)pyrene	16.10	276	103421	9.46	ng	96
87) Benzo(b)fluoranthene	14.54	252	452272	45.23	ng	# 97
88) Benzo(k)fluoranthene	14.54	252	452272	47.47	ng	98
89) Benzo(a)pyrene	14.84	252	207777	22.71	ng	97
91) Benzo(g,h,i)perylene	16.45	276	89589	11.38	ng	97

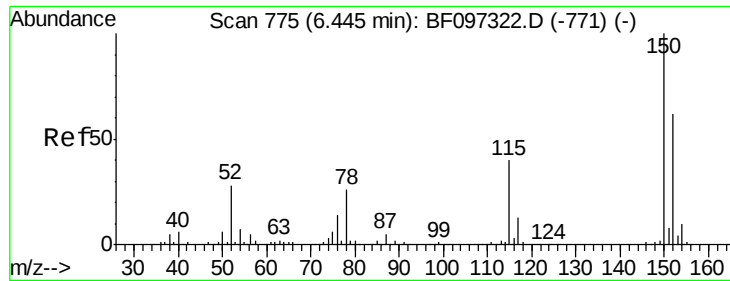
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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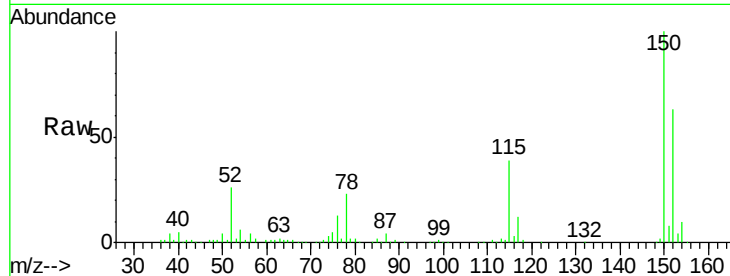


#1

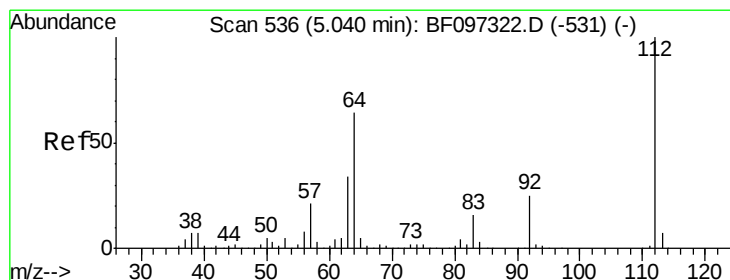
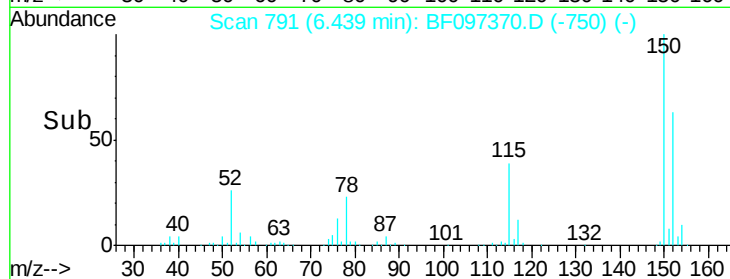
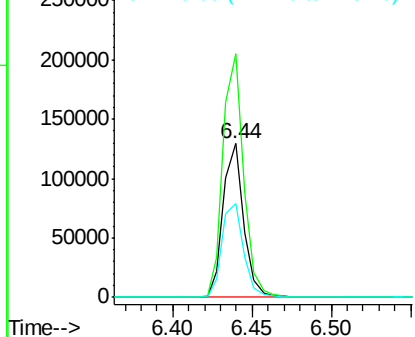
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.06 min
Lab File: BF097370.D
Acq: 4 Aug 2017 21:59

Instrument :
BNA_F
ClientSampleId :
2013

Tot Ion:152 Resp: 115790
Ion Ratio Lower Upper
152 100
150 158.5 126.2 189.2
115 61.3 52.2 78.2



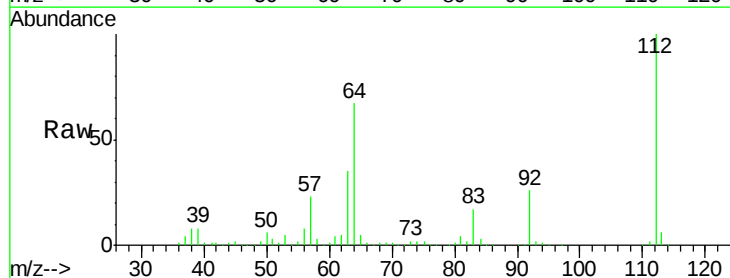
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



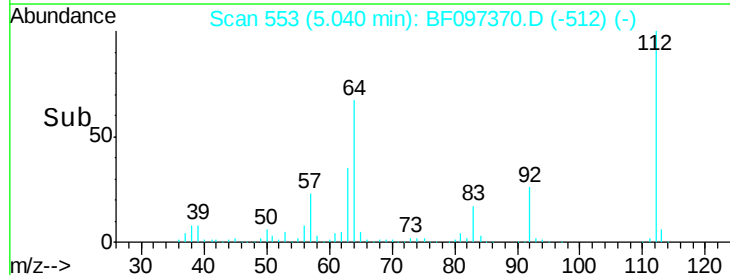
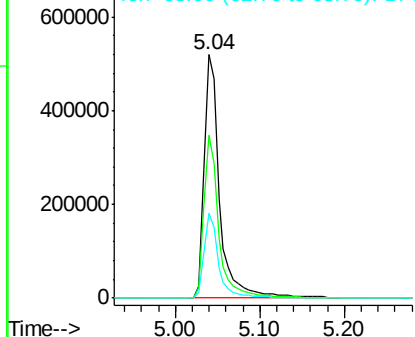
#5

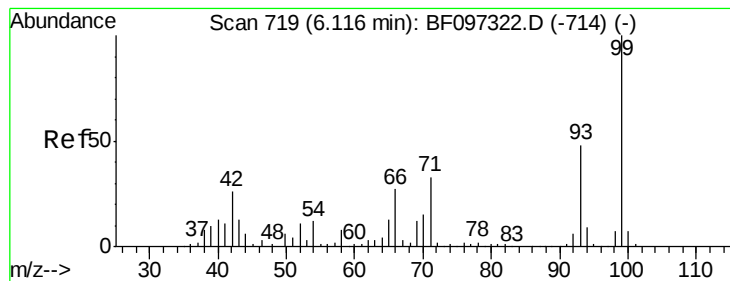
2-Fluorophenol
Concen: 86.38 ng
RT: 5.04 min Scan# 553
Delta R.T. -0.06 min
Lab File: BF097370.D
Acq: 4 Aug 2017 21:59

Tgt Ion:112 Resp: 663466
Ion Ratio Lower Upper
112 100
64 67.1 46.0 69.0
63 35.1 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: 86.70 ng

RT: 6.12 min Scan# 737

Delta R.T. -0.05 min

Lab File: BF097370.D

Acq: 4 Aug 2017 21:59

Instrument :

BNA_F

ClientSampled :
2013

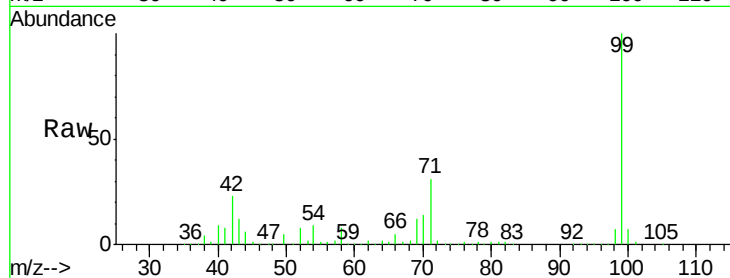
Tot Ion: 99 Resp: 760217

Ion Ratio Lower Upper

99 100

42 23.1 13.5 20.3#

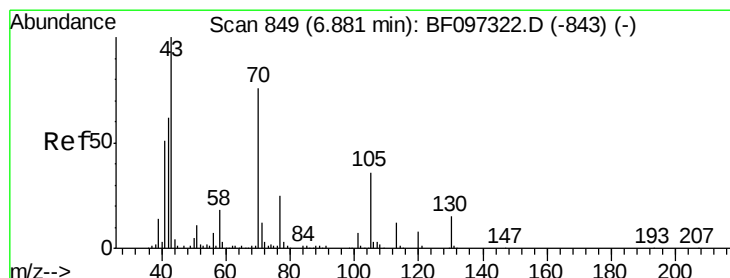
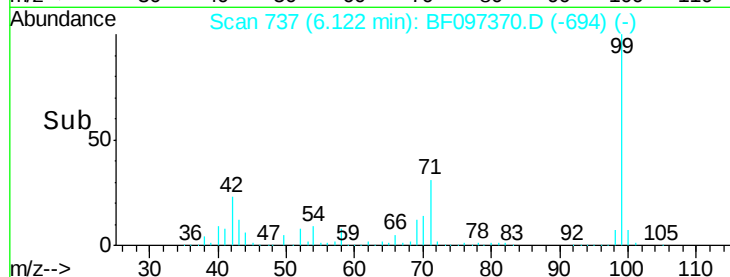
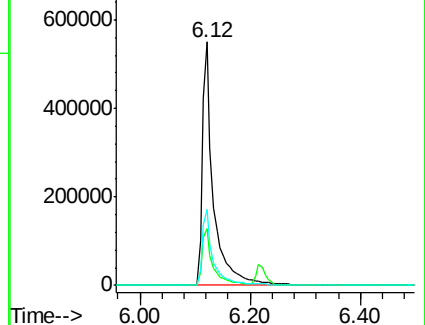
71 31.4 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.70 ng

RT: 7.01 min Scan# 888

Delta R.T. 0.08 min

Lab File: BF097370.D

Acq: 4 Aug 2017 21:59

Tgt Ion: 70 Resp: 67513

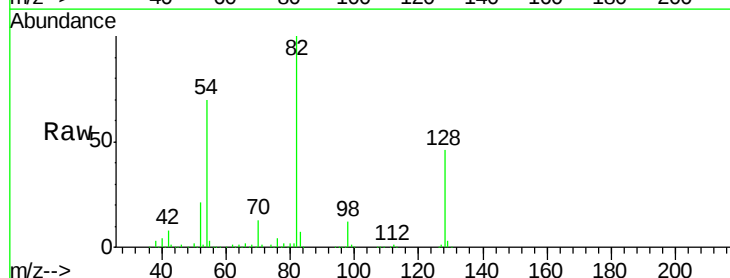
Ion Ratio Lower Upper

70 100

42 58.9 47.2 70.8

101 0.0 7.2 10.8#

130 2.1 15.9 23.9#

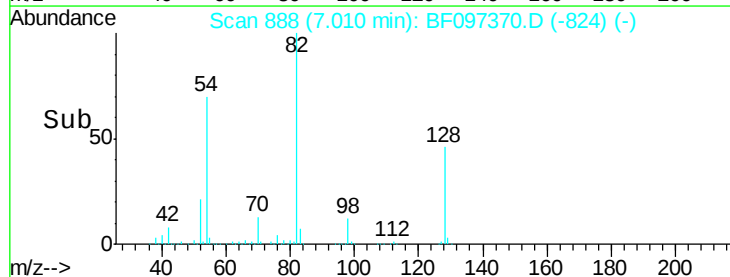
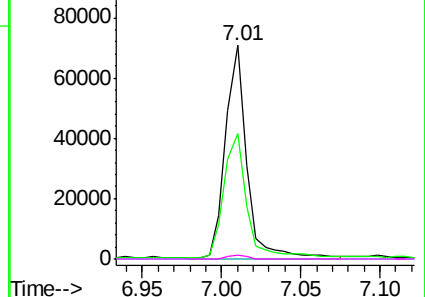


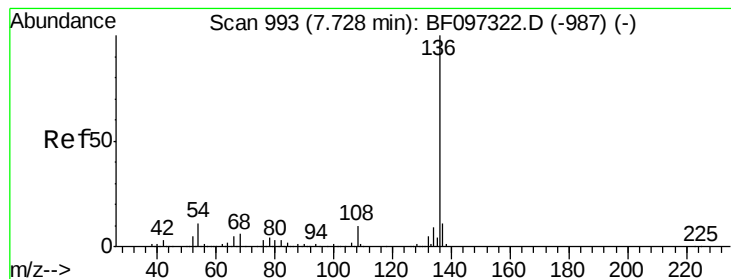
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.72 min Scan# 1009

Delta R.T. -0.06 min

Lab File: BF097370.D

Acq: 4 Aug 2017 21:59

Instrument :

BNA_F

ClientSampleId :
2013

Tot Ion:136 Resp: 474342

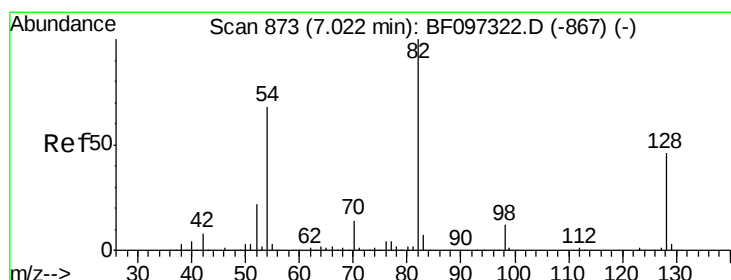
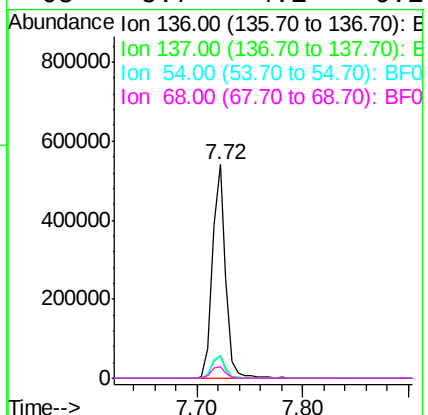
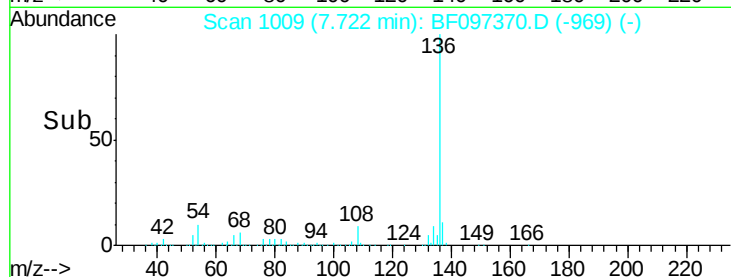
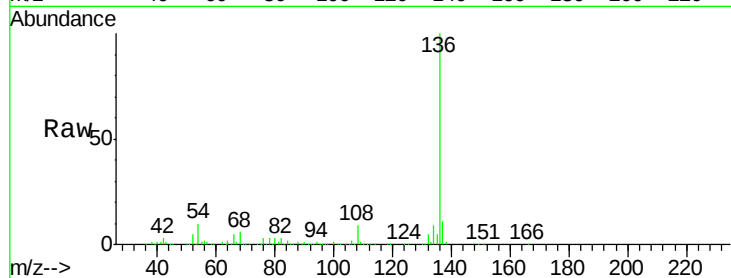
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 10.3 4.9 7.3#

68 5.7 4.1 6.1



#23

Nitrobenzene-d5

Concen: 61.33 ng

RT: 7.01 min Scan# 888

Delta R.T. -0.06 min

Lab File: BF097370.D

Acq: 4 Aug 2017 21:59

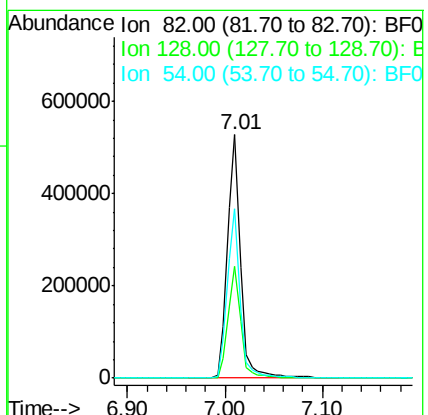
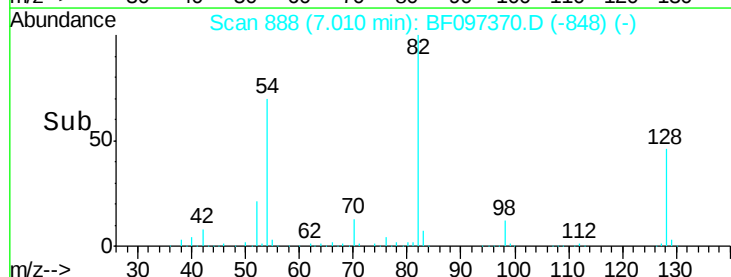
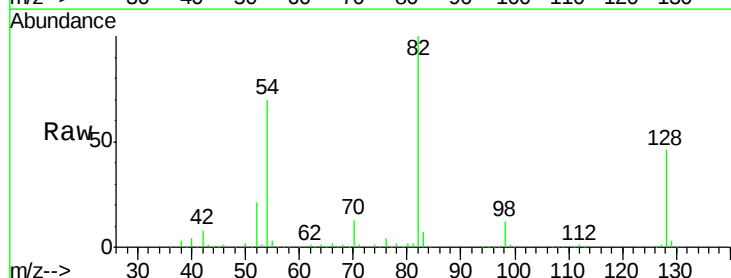
Tgt Ion: 82 Resp: 495922

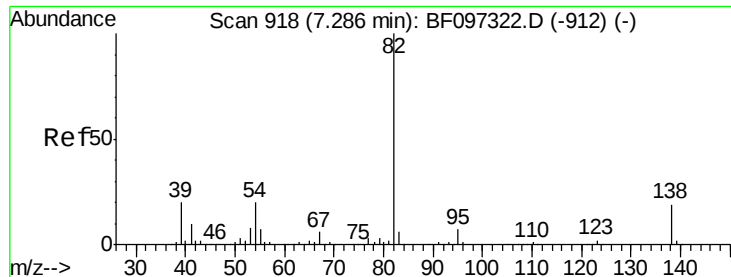
Ion Ratio Lower Upper

82 100

128 45.7 34.0 51.0

54 69.7 42.2 63.2#





#25

Isophorone

Concen: 30.74 ng

RT: 7.01 min Scan# 888

Delta R.T. -0.33 min

Lab File: BF097370.D

Acq: 4 Aug 2017 21:59

Instrument :

BNA_F

ClientSampleId :

2013

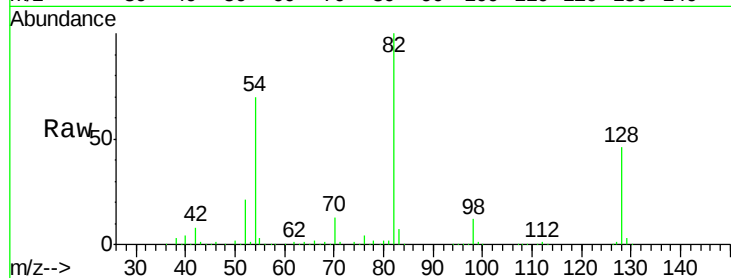
Tot Ion: 82 Resp: 486812

Ion Ratio Lower Upper

82 100

95 0.1 5.3 7.9#

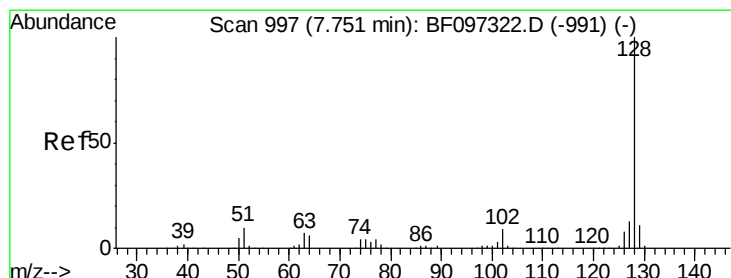
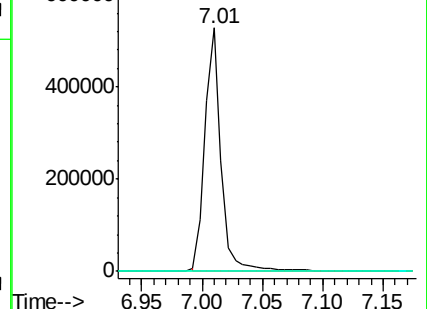
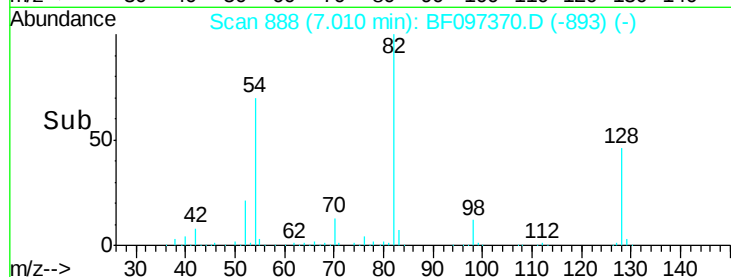
138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#31

Naphthalene

Concen: 2.53 ng

RT: 7.75 min Scan# 1013

Delta R.T. -0.06 min

Lab File: BF097370.D

Acq: 4 Aug 2017 21:59

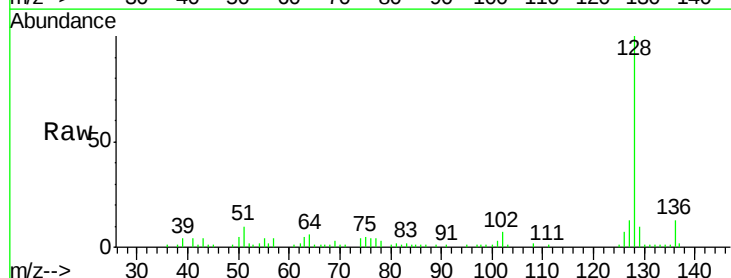
Tgt Ion: 128 Resp: 56483

Ion Ratio Lower Upper

128 100

129 10.0 9.0 13.6

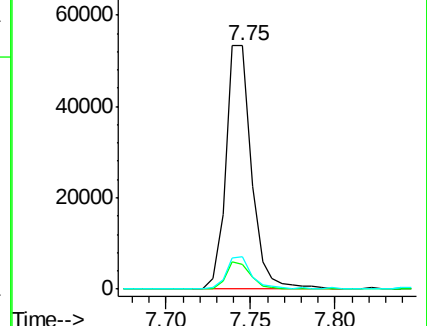
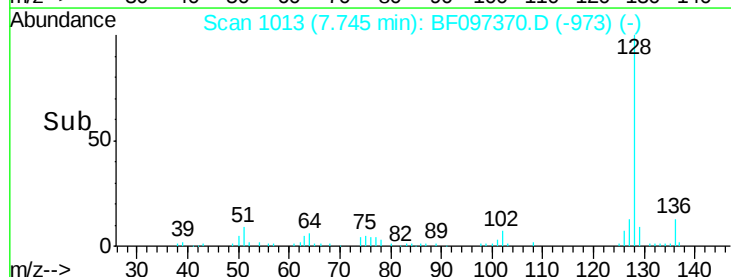
127 13.1 10.8 16.2

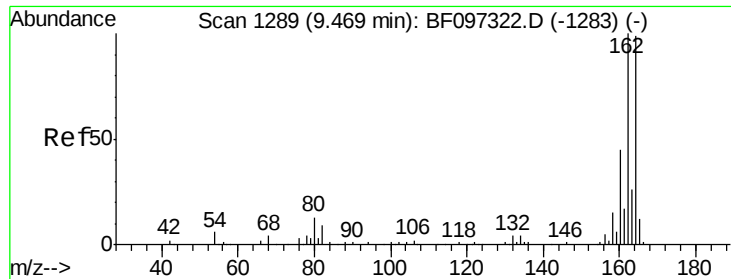


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

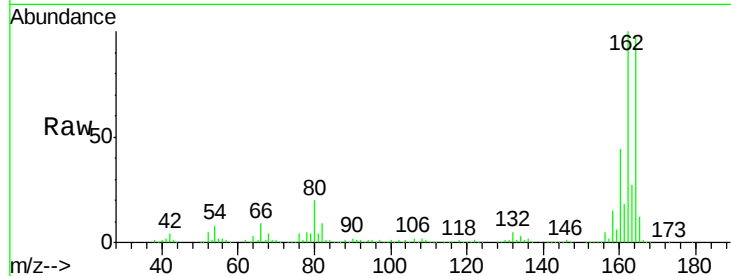




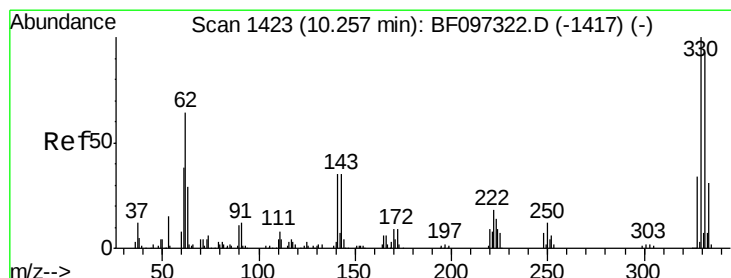
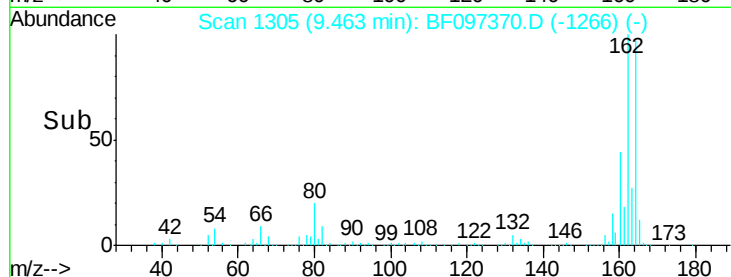
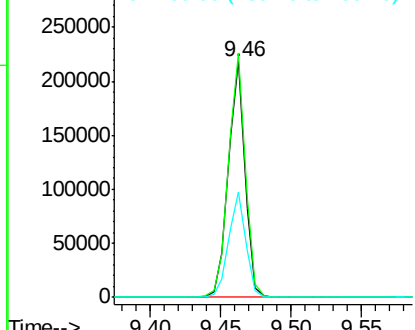
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.46 min Scan# 1305
Delta R.T. -0.07 min
Lab File: BF097370.D
Acq: 4 Aug 2017 21:59

Instrument :
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ClientSampleId :
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Tot Ion:164 Resp: 180122
Ion Ratio Lower Upper
164 100
162 103.3 82.6 123.8
160 45.0 36.2 54.2

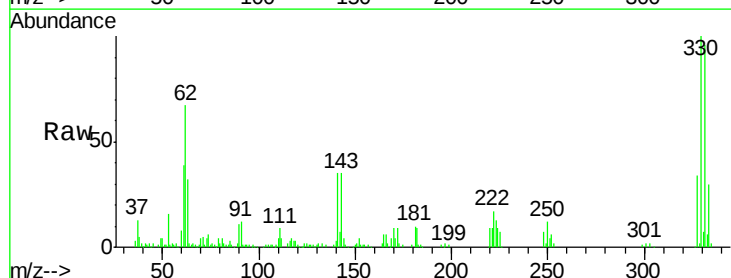


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

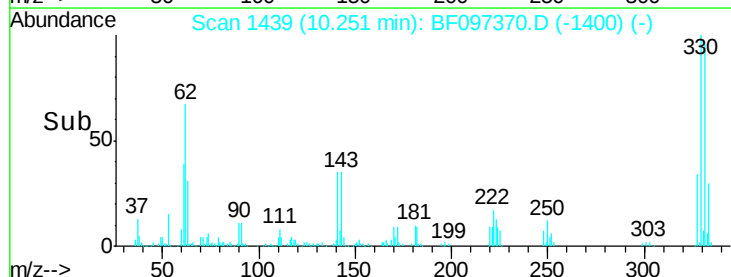
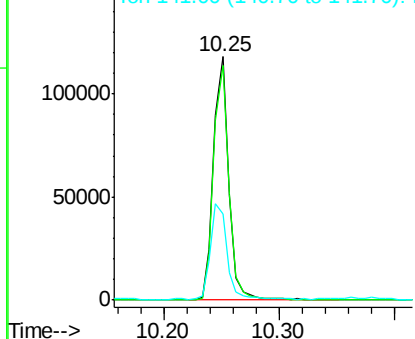


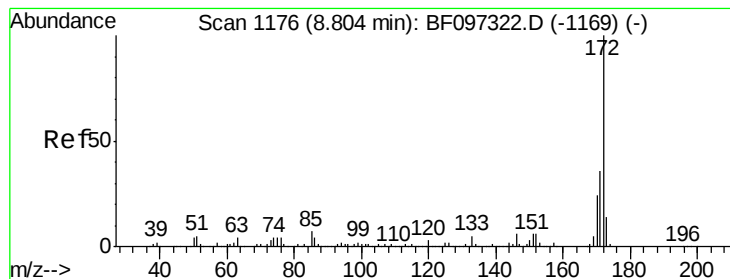
#41
2,4,6-Tribromophenol
Concen: 76.59 ng
RT: 10.25 min Scan# 1439
Delta R.T. -0.07 min
Lab File: BF097370.D
Acq: 4 Aug 2017 21:59

Tgt Ion:330 Resp: 109001
Ion Ratio Lower Upper
330 100
332 97.0 76.6 115.0
141 43.8 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

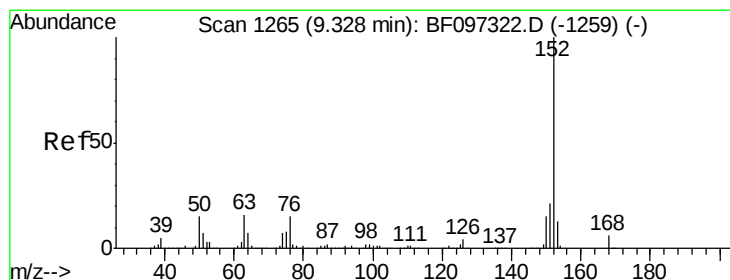
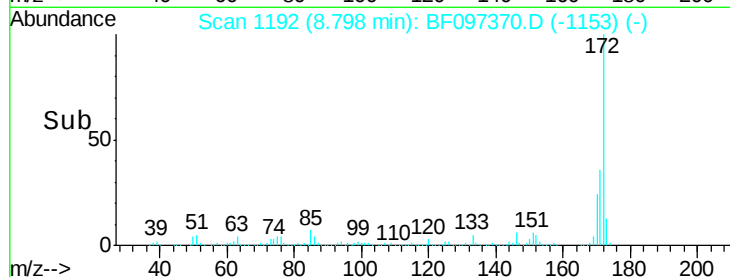
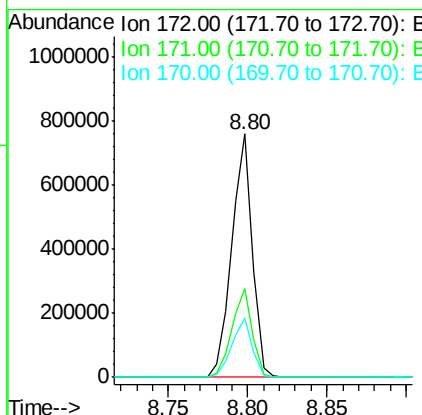
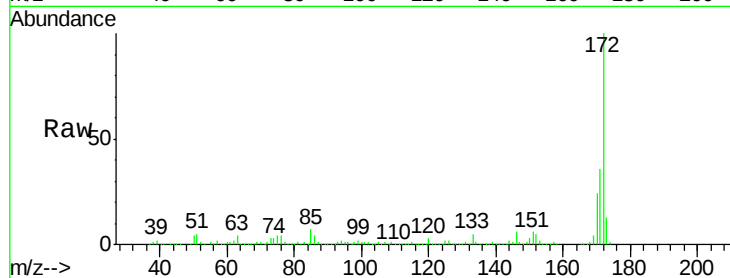




#44
2-Fluorobiphenyl
Concen: 64.42 ng
RT: 8.80 min Scan# 1192
Delta R.T. -0.07 min
Lab File: BF097370.D
Acq: 4 Aug 2017 21:59

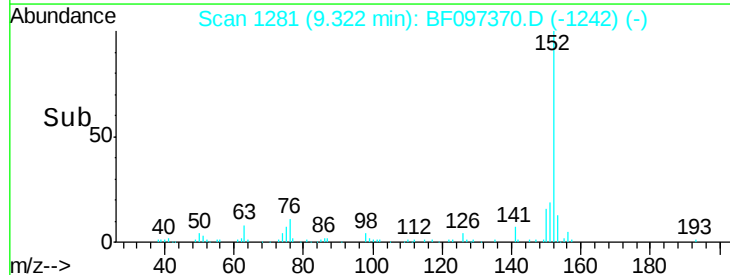
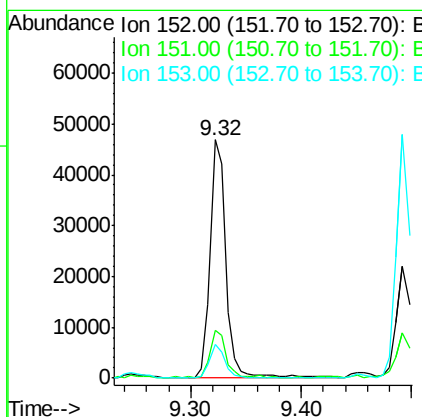
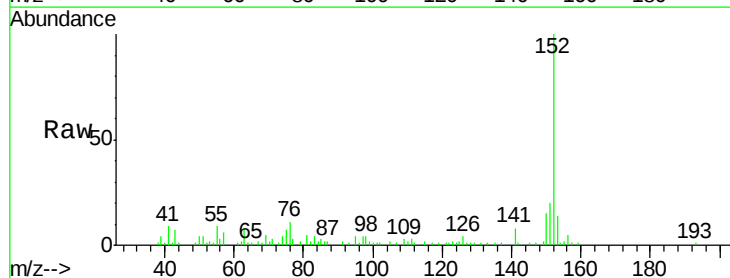
Instrument :
BNA_F
ClientSampled :
2013

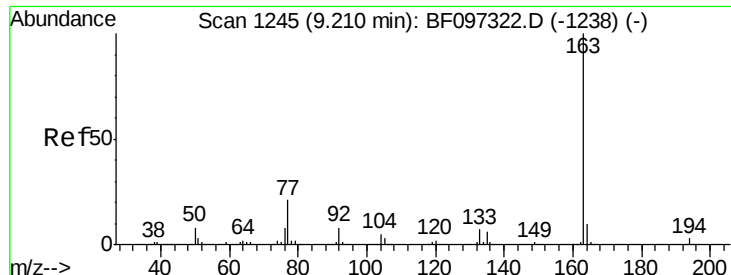
Tot Ion:172 Resp: 683746
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.4 19.8 29.8



#48
Acenaphthylene
Concen: 2.65 ng
RT: 9.32 min Scan# 1281
Delta R.T. -0.07 min
Lab File: BF097370.D
Acq: 4 Aug 2017 21:59

Tgt Ion:152 Resp: 46079
Ion Ratio Lower Upper
152 100
151 19.8 16.8 25.2
153 13.9 10.8 16.2

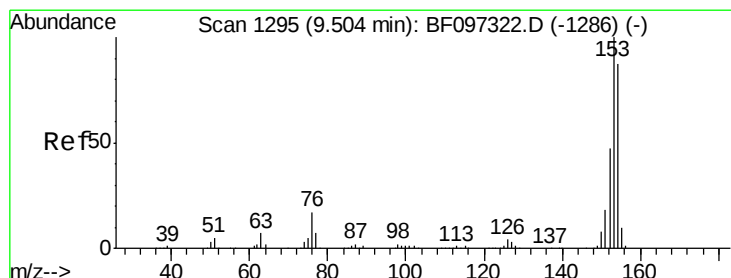
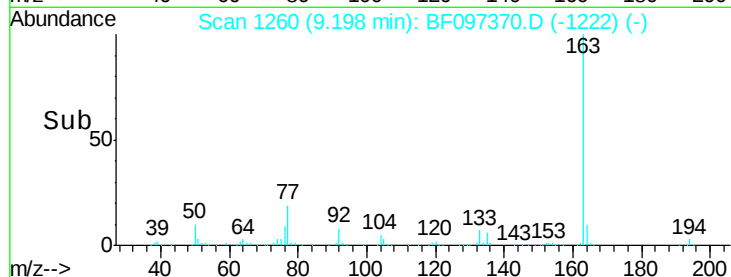
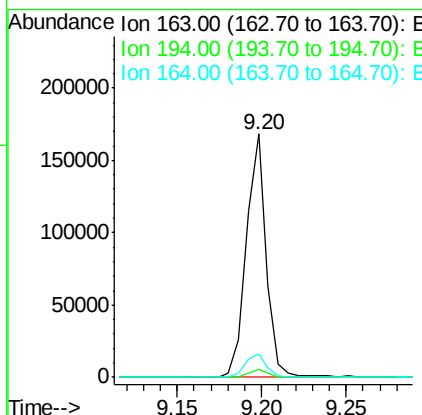
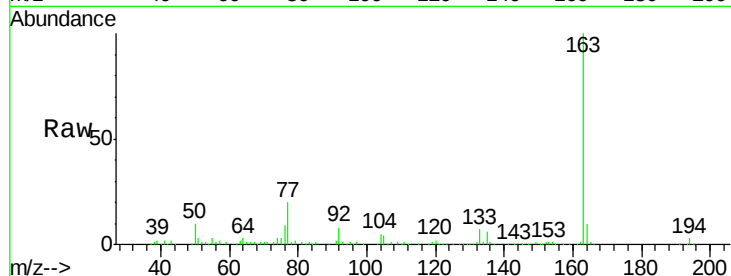




#49
Dimethylphthalate
Concen: 10.13 ng
RT: 9.20 min Scan# 1260
Delta R.T. -0.08 min
Lab File: BF097370.D
Acq: 4 Aug 2017 21:59

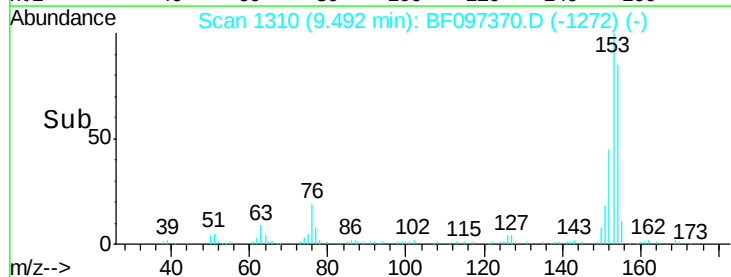
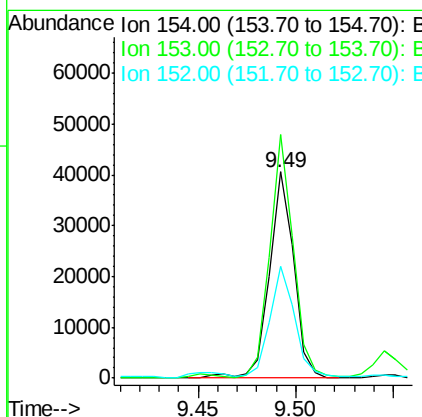
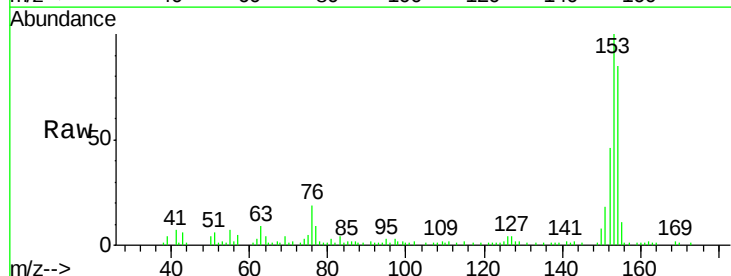
Instrument :
BNA_F
ClientSampleId :
2013

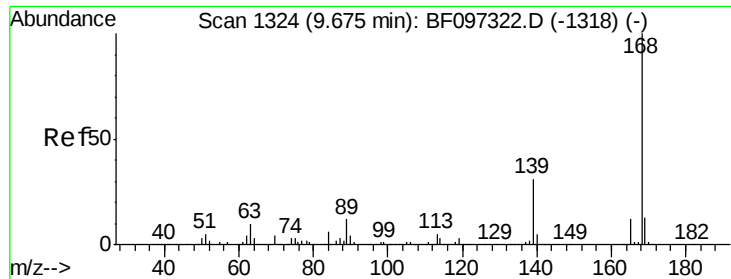
Tot Ion:163 Resp: 138603
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.6 8.4 12.6



#51
Acenaphthene
Concen: 3.42 ng
RT: 9.49 min Scan# 1310
Delta R.T. -0.08 min
Lab File: BF097370.D
Acq: 4 Aug 2017 21:59

Tgt Ion:154 Resp: 35031
Ion Ratio Lower Upper
154 100
153 118.2 90.5 135.7
152 54.4 43.6 65.4





#54

Dibenzofuran

Concen: 3.56 ng

RT: 9.67 min Scan# 1340

Delta R.T. -0.07 min

Lab File: BF097370.D

Acq: 4 Aug 2017 21:59

Instrument :

BNA_F

ClientSampleId :
2013

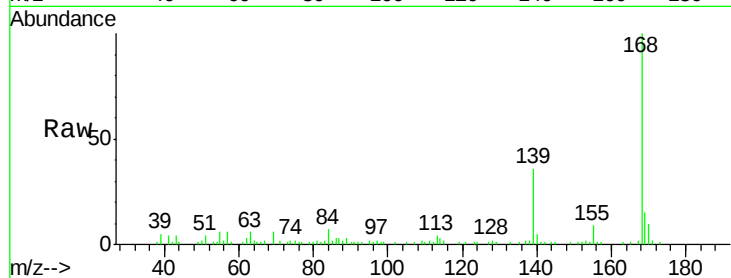
Tot Ion:168 Resp: 48584

Ion Ratio Lower Upper

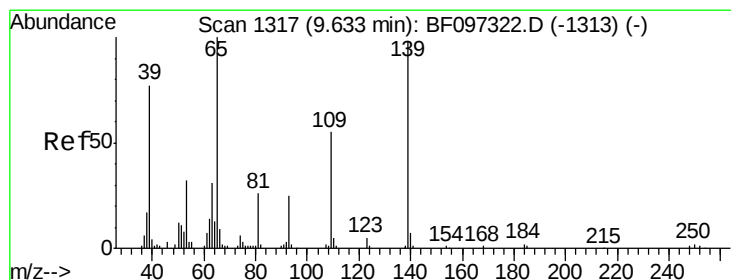
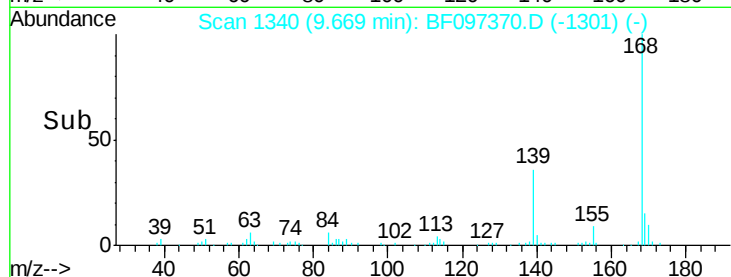
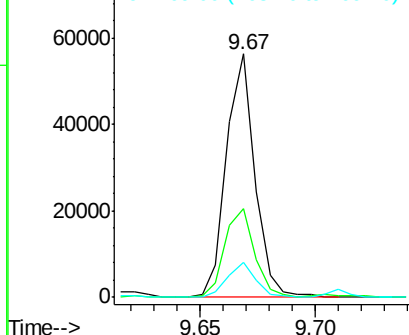
168 100

139 36.2 30.6 45.8

169 14.6 10.8 16.2



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



#55

4-Nitrophenol

Concen: 8.58 ng

RT: 9.67 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF097370.D

Acq: 4 Aug 2017 21:59

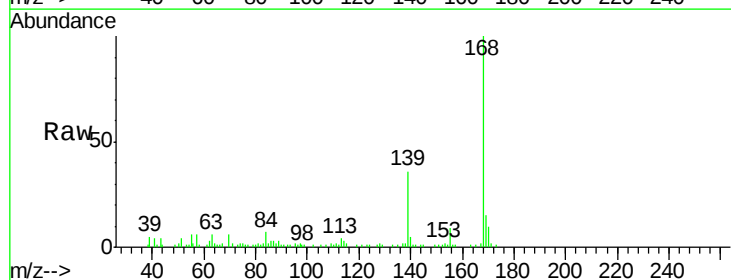
Tgt Ion:139 Resp: 18370

Ion Ratio Lower Upper

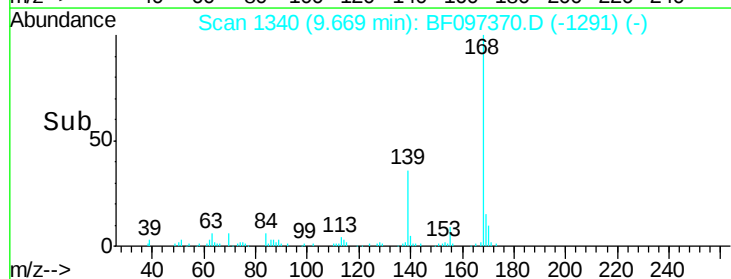
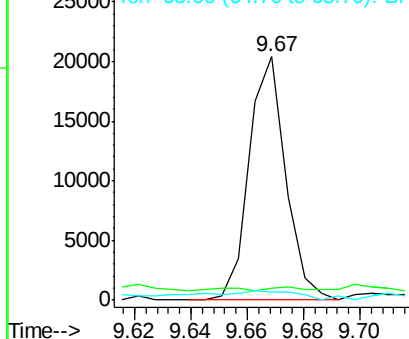
139 100

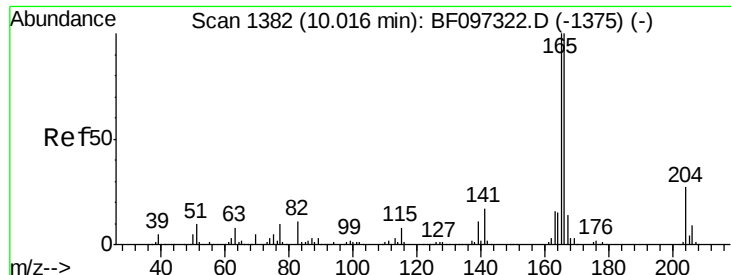
109 5.1 34.1 74.1#

65 3.3 31.4 71.4#



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

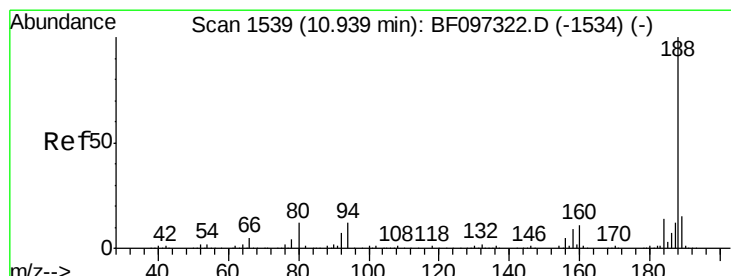
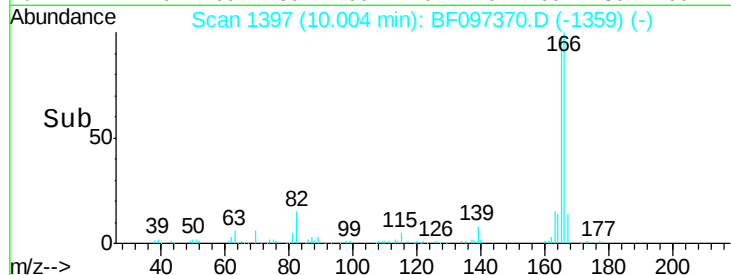
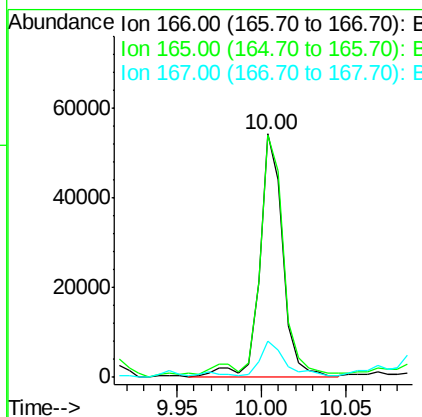
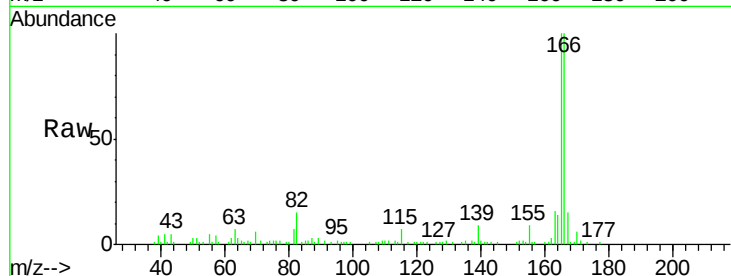




#57
Fluorene
 Concen: 5.06 ng
 RT: 10.00 min Scan# 1397
 Delta R.T. -0.08 min
 Lab File: BF097370.D
 Acq: 4 Aug 2017 21:59

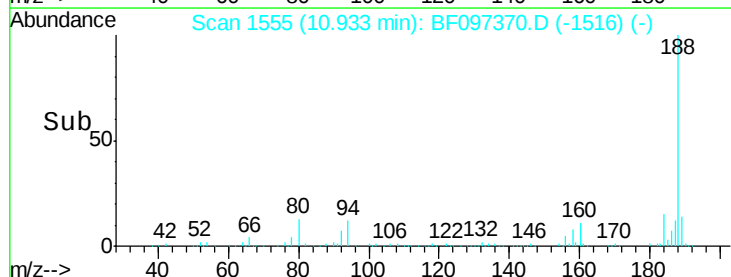
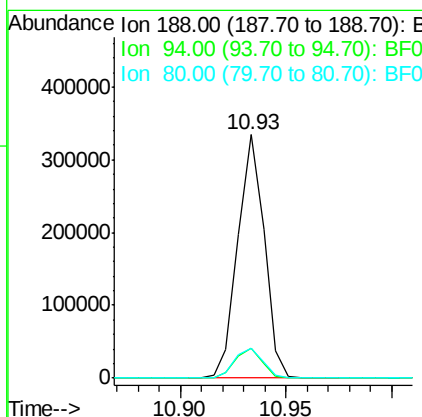
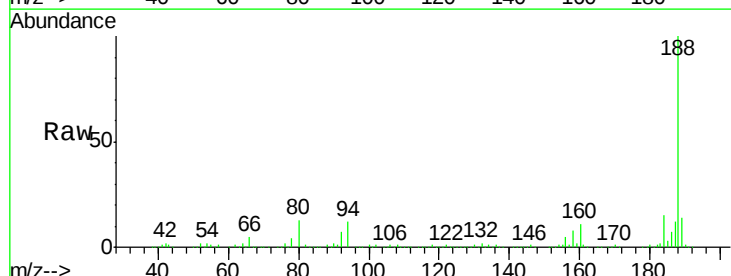
Instrument :
 BNA_F
 ClientSampleId :
 2013

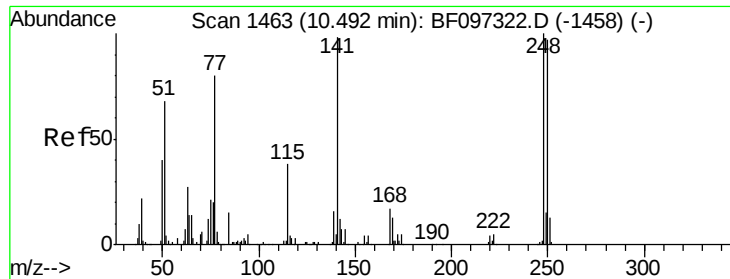
Tot Ion:166 Resp: 51826
 Ion Ratio Lower Upper
 166 100
 165 99.6 78.8 118.2
 167 15.1 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 10.93 min Scan# 1555
 Delta R.T. -0.07 min
 Lab File: BF097370.D
 Acq: 4 Aug 2017 21:59

Tgt Ion:188 Resp: 289235
 Ion Ratio Lower Upper
 188 100
 94 12.3 9.4 14.2
 80 12.5 10.2 15.2

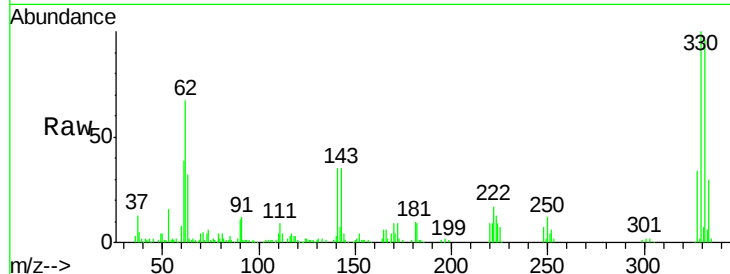




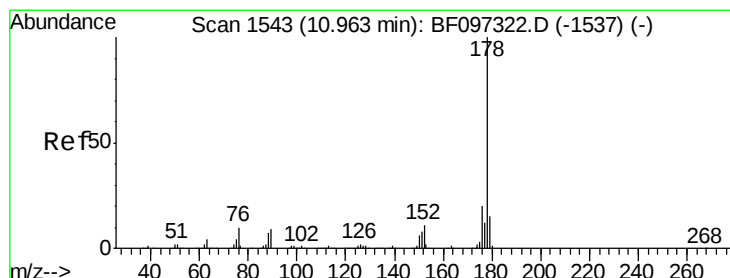
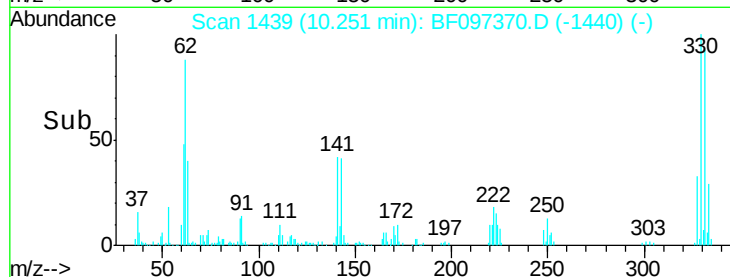
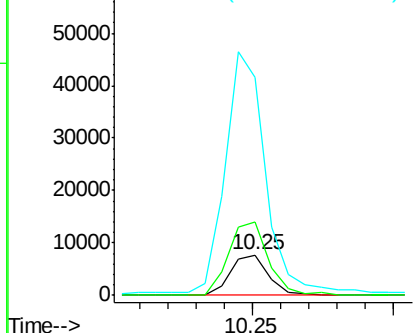
#66
 4-Bromophenyl-phenylether
 Concen: 2.49 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.31 min
 Lab File: BF097370.D
 Acq: 4 Aug 2017 21:59

Instrument :
 BNA_F
 ClientSampled :
 2013

Tot Ion:248 Resp: 7189
 Ion Ratio Lower Upper
 248 100
 250 181.6 76.8 115.2#
 141 540.2 68.6 103.0#

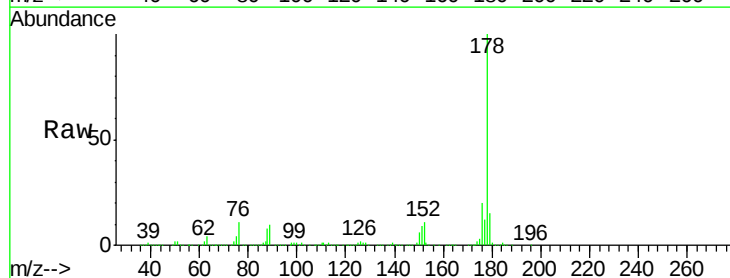


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

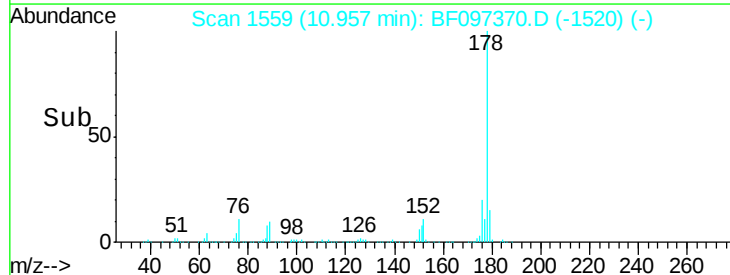
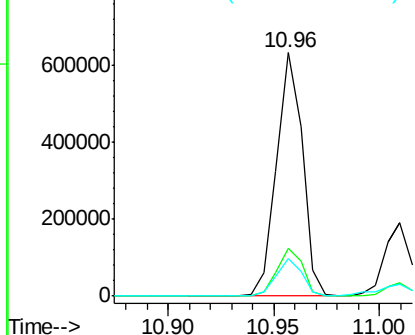


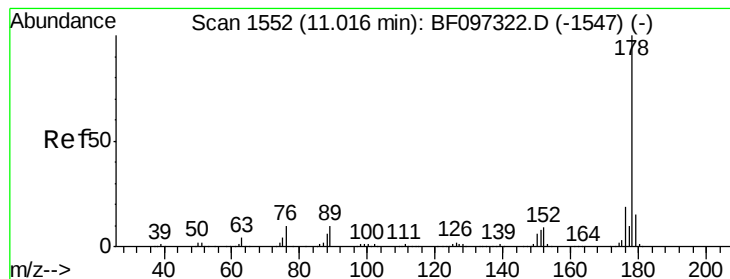
#70
 Phenanthrene
 Concen: 35.14 ng
 RT: 10.96 min Scan# 1559
 Delta R.T. -0.07 min
 Lab File: BF097370.D
 Acq: 4 Aug 2017 21:59

Tgt Ion:178 Resp: 544508
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.4 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: 10.27 ng

RT: 11.01 min Scan# 1568

Delta R.T. -0.07 min

Lab File: BF097370.D

Acq: 4 Aug 2017 21:59

Instrument :

BNA_F

ClientSampleId :
2013

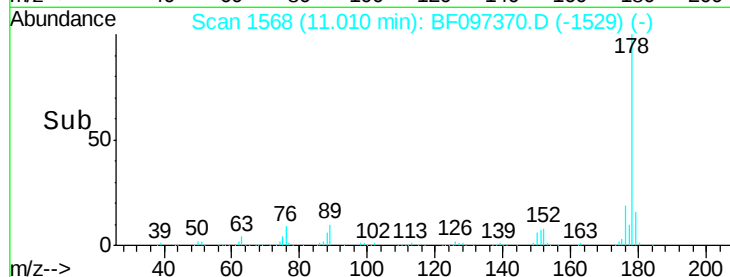
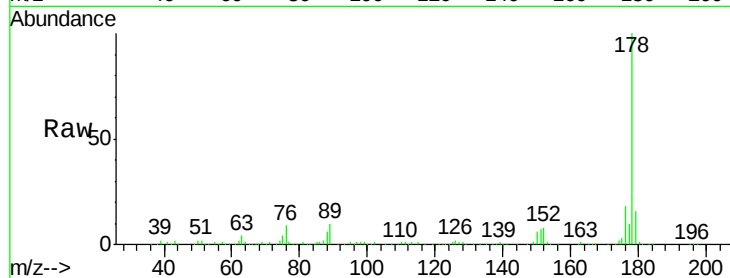
Tot Ion:178 Resp: 162955

Ion Ratio Lower Upper

178 100

176 18.5 15.8 23.8

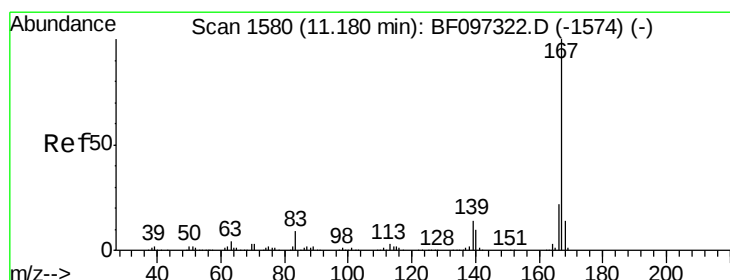
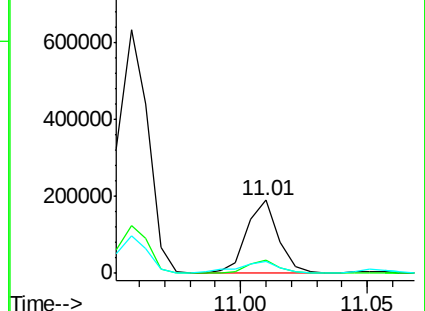
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Carbazole

Concen: 5.53 ng

RT: 11.17 min Scan# 1596

Delta R.T. -0.06 min

Lab File: BF097370.D

Acq: 4 Aug 2017 21:59

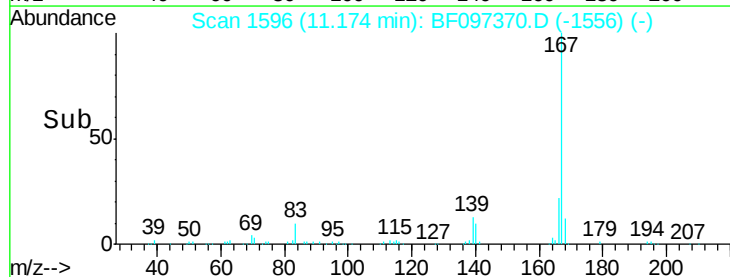
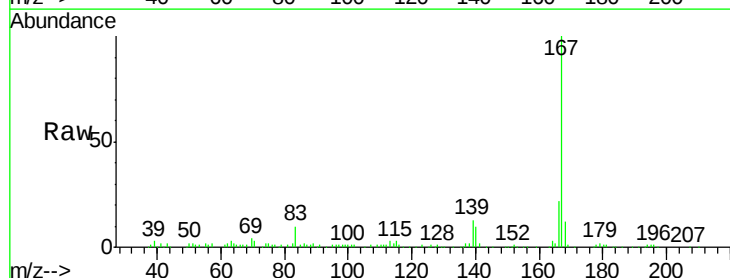
Tgt Ion:167 Resp: 86383

Ion Ratio Lower Upper

167 100

166 22.2 18.1 27.1

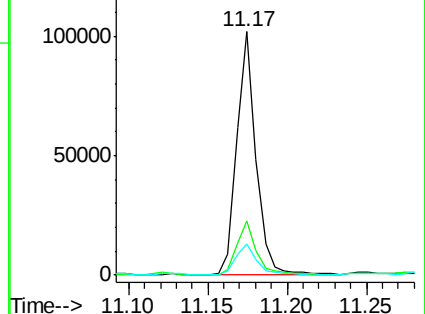
139 13.0 11.7 17.5

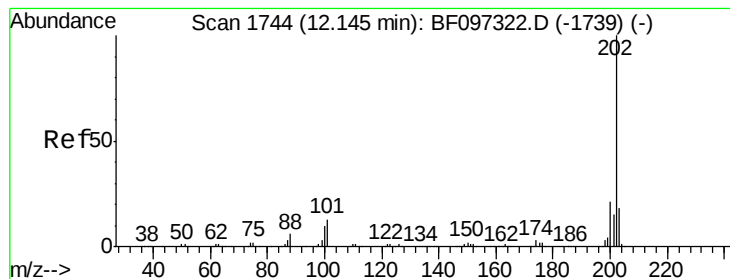


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 41.37 ng

RT: 12.14 min Scan# 1760

Delta R.T. -0.07 min

Lab File: BF097370.D

Acq: 4 Aug 2017 21:59

Instrument :

BNA_F

ClientSampleId :
2013

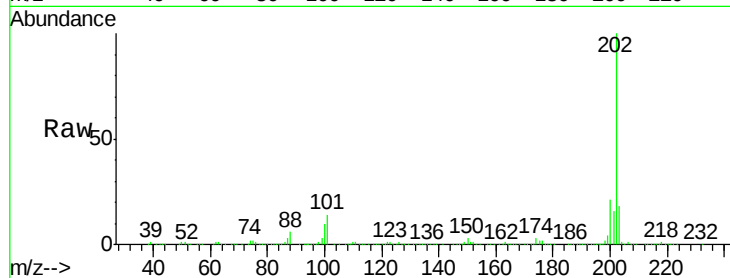
Tot Ion:202 Resp: 628110

Ion Ratio Lower Upper

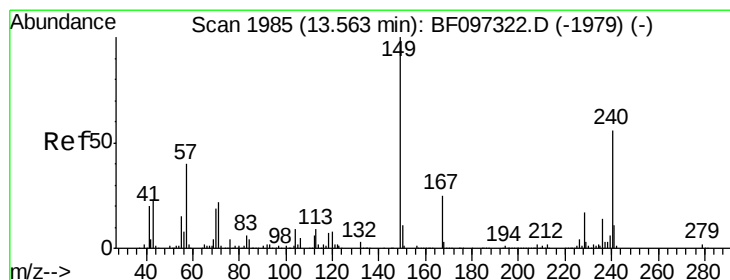
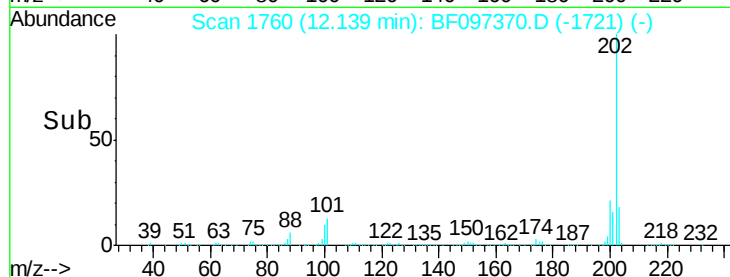
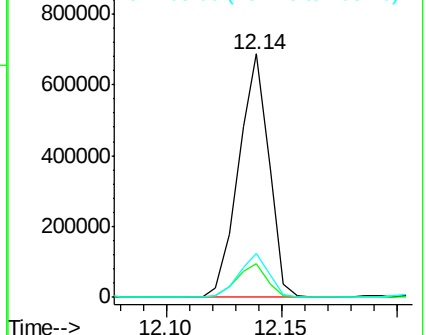
202 100

101 13.7 0.0 33.2

203 17.9 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: 13.56 min Scan# 2001

Delta R.T. -0.07 min

Lab File: BF097370.D

Acq: 4 Aug 2017 21:59

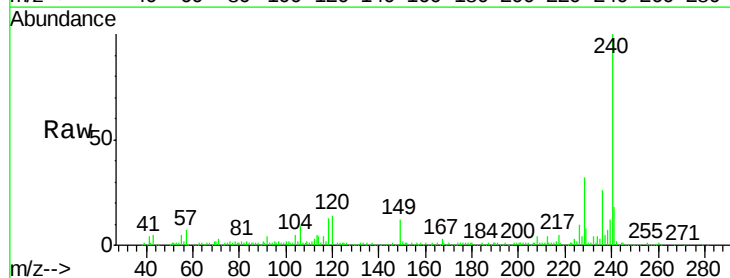
Tgt Ion:240 Resp: 201842

Ion Ratio Lower Upper

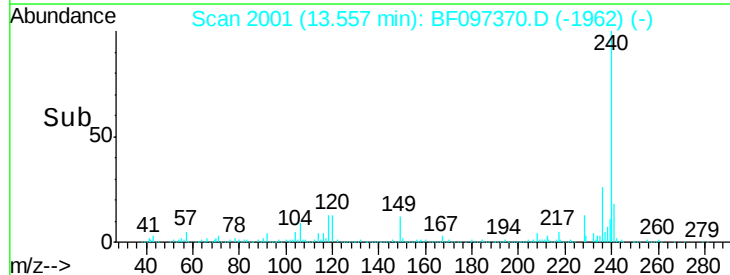
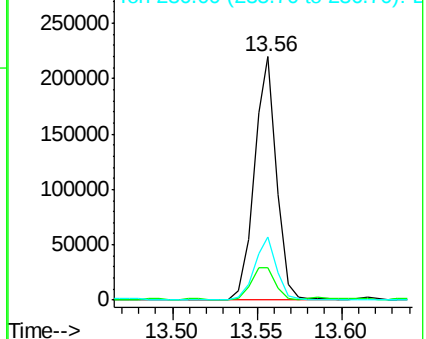
240 100

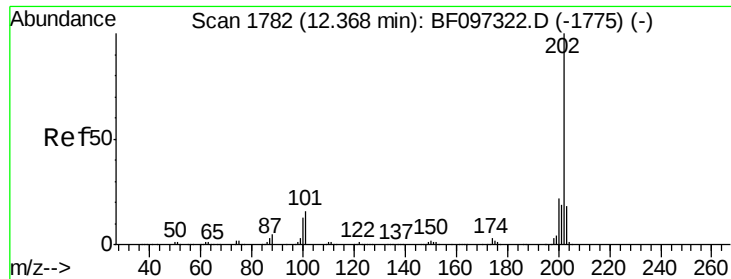
120 13.5 5.8 8.8#

236 26.0 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

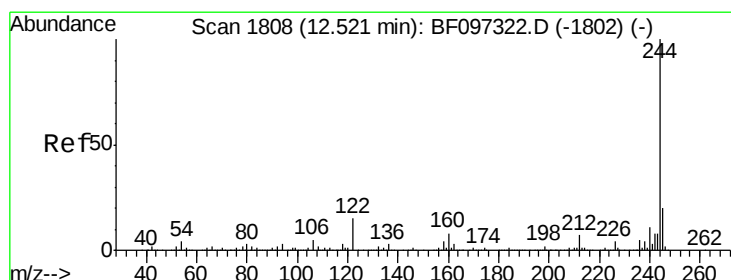
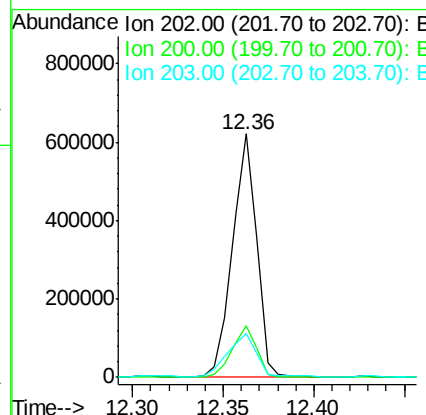
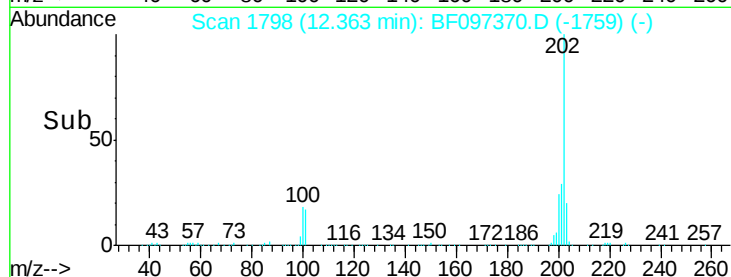
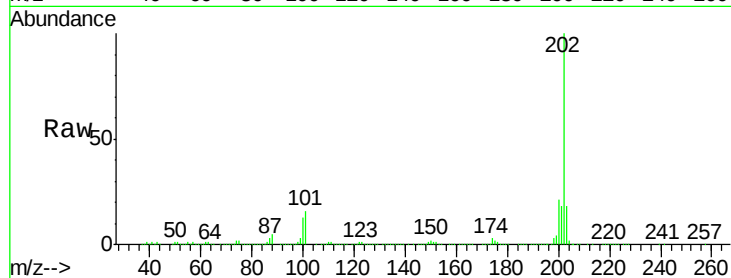




#77
Pvrene
Concen: 34.90 ng
RT: 12.36 min Scan# 1798
Delta R.T. -0.07 min
Lab File: BF097370.D
Acq: 4 Aug 2017 21:59

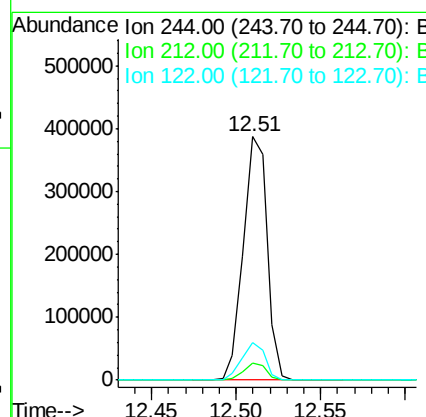
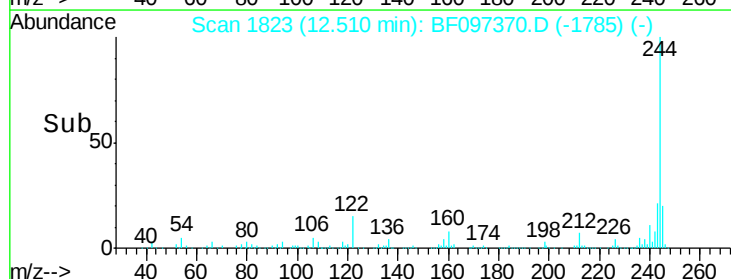
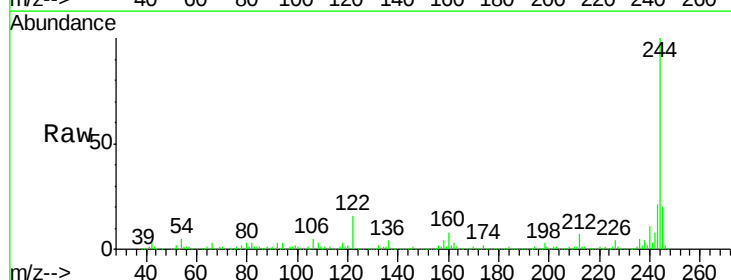
Instrument :
BNA_F
ClientSampleId :
2013

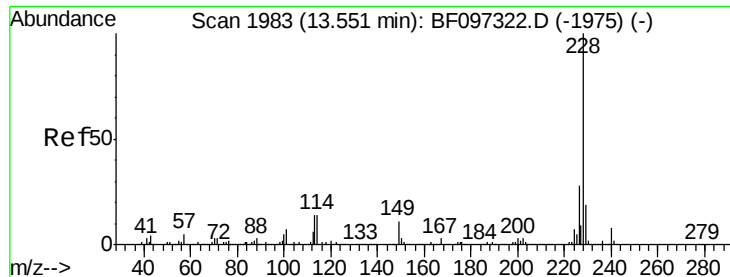
Tot Ion:202 Resp: 576765
Ion Ratio Lower Upper
202 100
200 21.4 17.6 26.4
203 18.2 14.4 21.6



#78
Terphenyl-d14
Concen: 38.70 ng
RT: 12.51 min Scan# 1823
Delta R.T. -0.08 min
Lab File: BF097370.D
Acq: 4 Aug 2017 21:59

Tgt Ion:244 Resp: 383114
Ion Ratio Lower Upper
244 100
212 6.9 6.0 9.0
122 15.6 10.3 15.5#





#80

Benzo(a)anthracene

Concen: 27.15 ng

RT: 13.54 min Scan# 1999

Delta R.T. -0.07 min

Lab File: BF097370.D

Acq: 4 Aug 2017 21:59

Instrument :

BNA_F

ClientSampleId :
2013

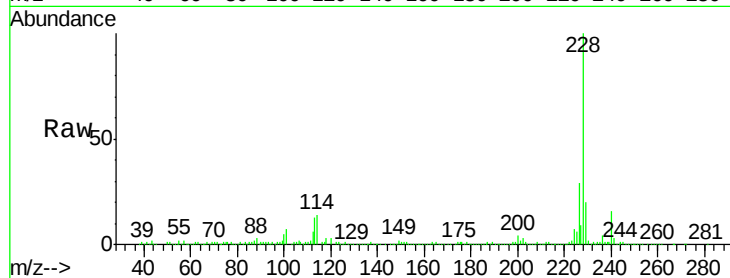
Tot Ion:228 Resp: 354522

Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.6	33.8
229	20.3	16.3	24.5

228 100

226 29.1 22.6 33.8

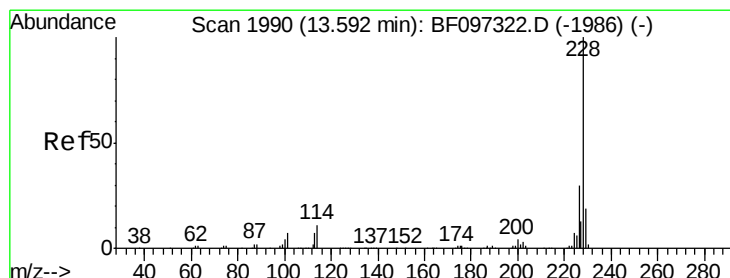
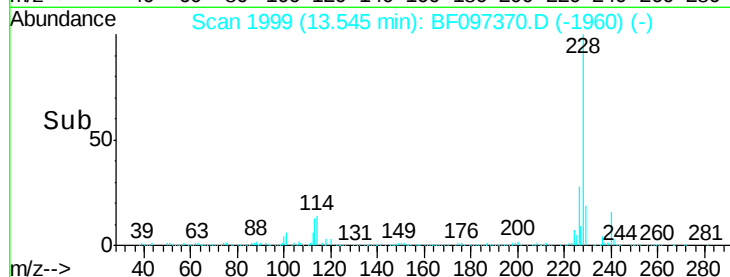
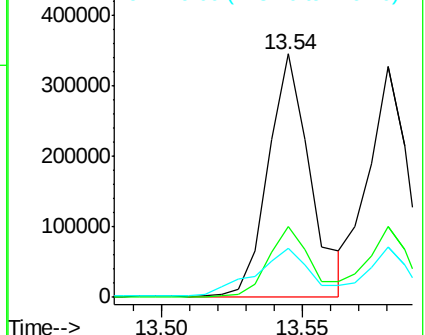
229 20.3 16.3 24.5



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



#82

Chrysene

Concen: 24.30 ng

RT: 13.58 min Scan# 2005

Delta R.T. -0.08 min

Lab File: BF097370.D

Acq: 4 Aug 2017 21:59

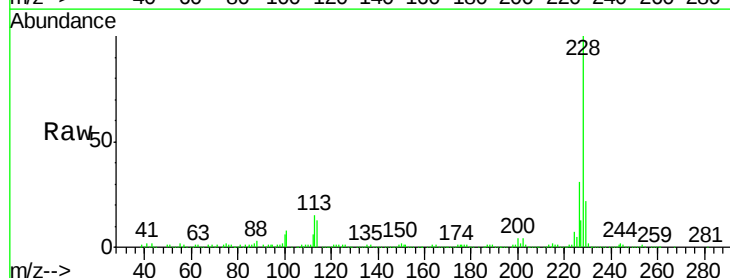
Tgt Ion:228 Resp: 309931

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.9	37.3
229	21.7	15.8	23.6

228 100

226 30.7 24.9 37.3

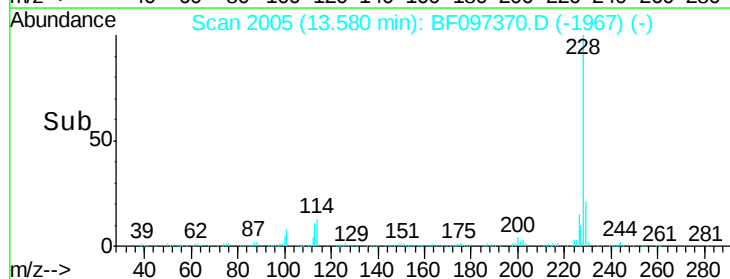
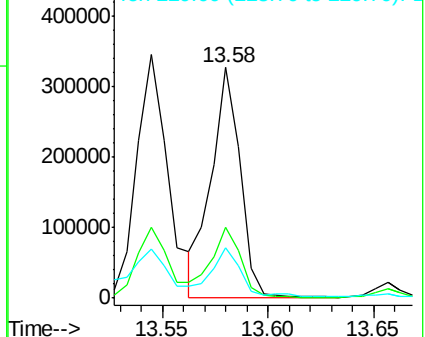
229 21.7 15.8 23.6

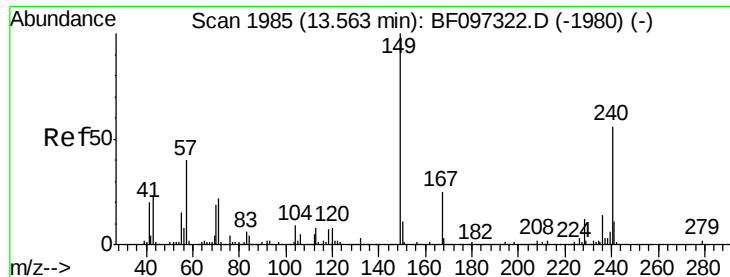


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

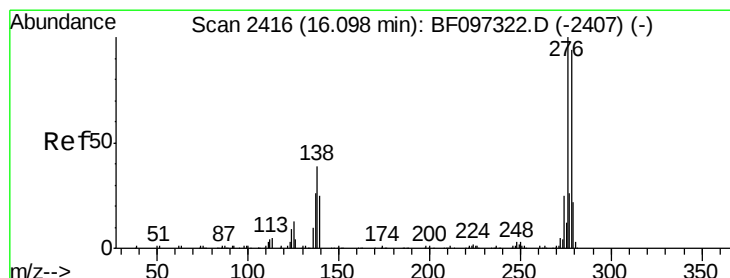
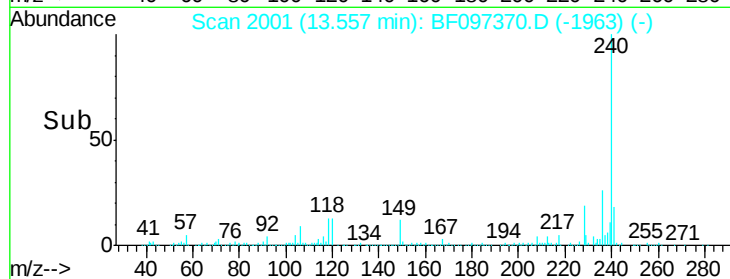
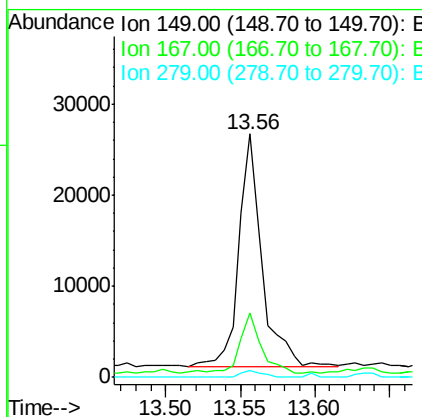
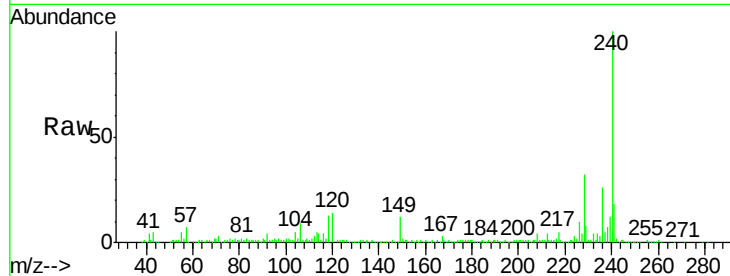




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.52 ng
 RT: 13.56 min Scan# 2001
 Delta R.T. -0.08 min
 Lab File: BF097370.D
 Acq: 4 Aug 2017 21:59

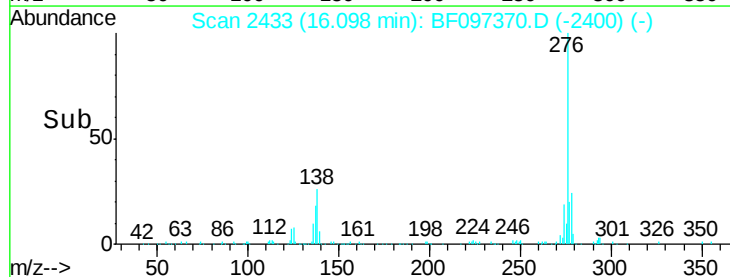
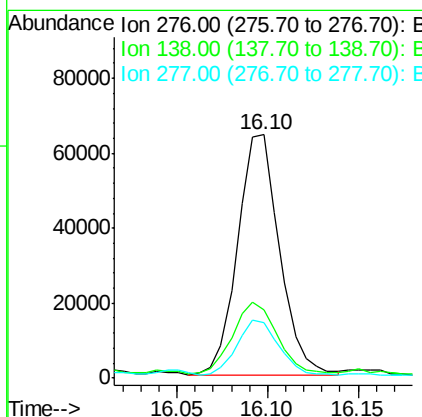
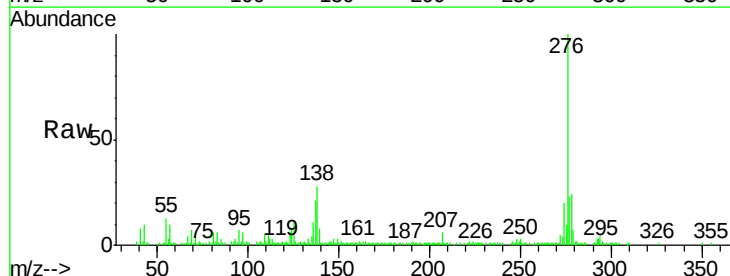
Instrument :
 BNA_F
 ClientSampleId :
 2013

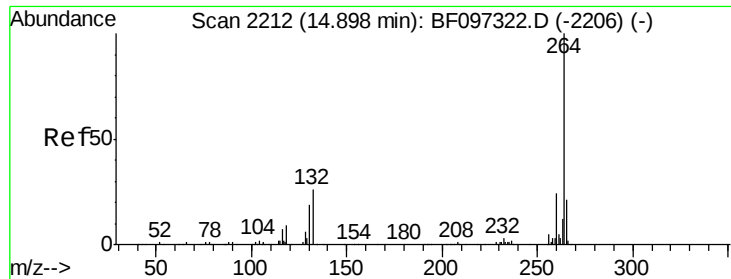
Tot Ion:	149	Resp:	27669
Ion	Ratio	Lower	Upper
149	100		
167	26.5	21.0	31.4
279	2.7	1.9	2.9



#85
 Indeno(1,2,3-cd)pyrene
 Concen: 9.46 ng
 RT: 16.10 min Scan# 2433
 Delta R.T. -0.11 min
 Lab File: BF097370.D
 Acq: 4 Aug 2017 21:59

Tgt Ion:	276	Resp:	103421
Ion	Ratio	Lower	Upper
276	100		
138	32.9	27.8	41.6
277	23.2	20.2	30.4

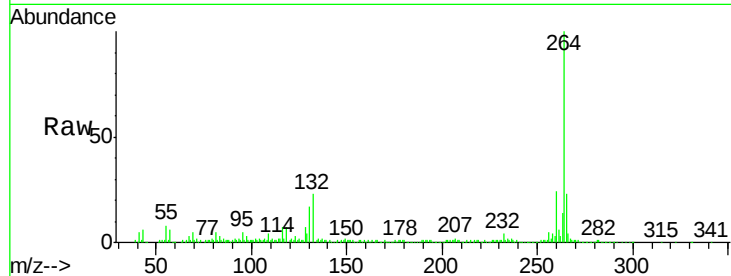




#86
Pervlene-d12
Concen: 20.00 ng
RT: 14.90 min Scan# 2229
Delta R.T. -0.08 min
Lab File: BF097370.D
Acq: 4 Aug 2017 21:59

Instrument :
BNA_F
ClientSampleId :
2013

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	23.4	17.2	25.8

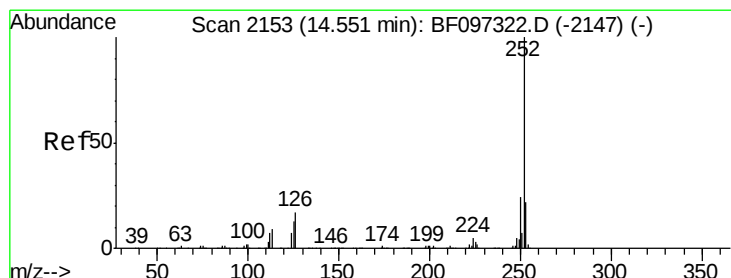
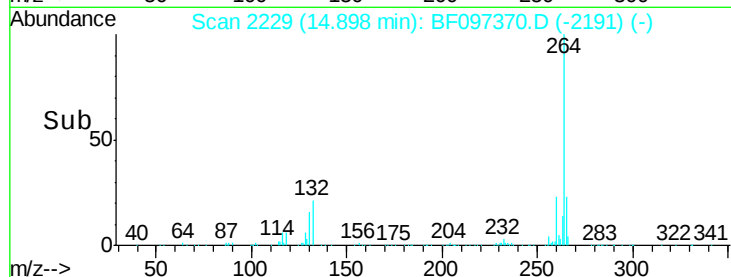
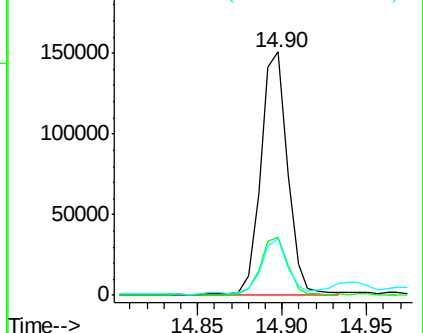


Abundance

Ion 264.00 (263.70 to 264.70): E

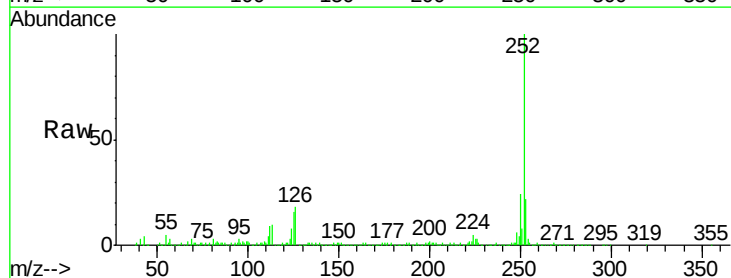
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#87
Benzo(b)fluoranthene
Concen: 45.23 ng
RT: 14.54 min Scan# 2169
Delta R.T. -0.07 min
Lab File: BF097370.D
Acq: 4 Aug 2017 21:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	15.6	9.8	14.8

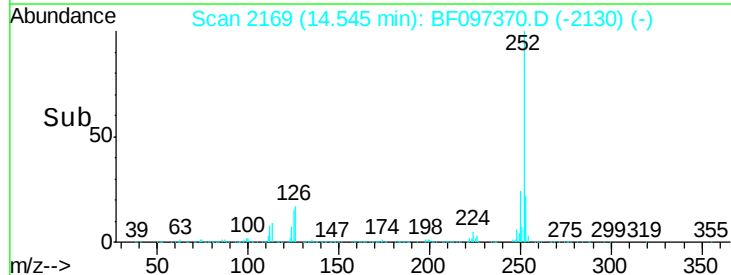
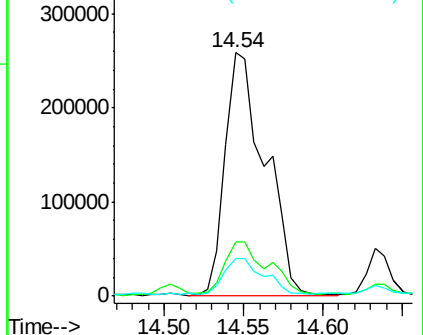


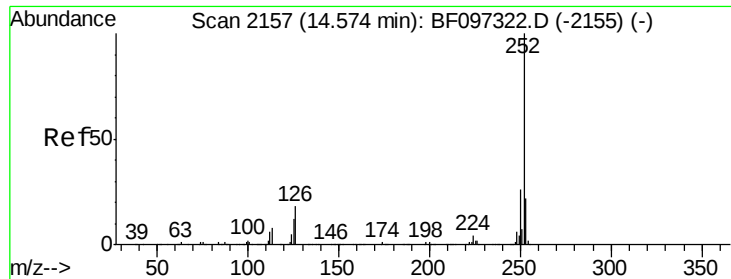
Abundance

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

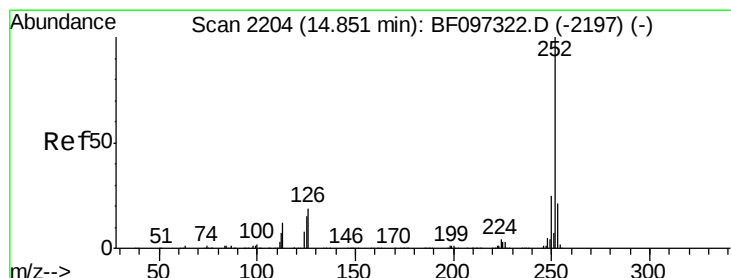
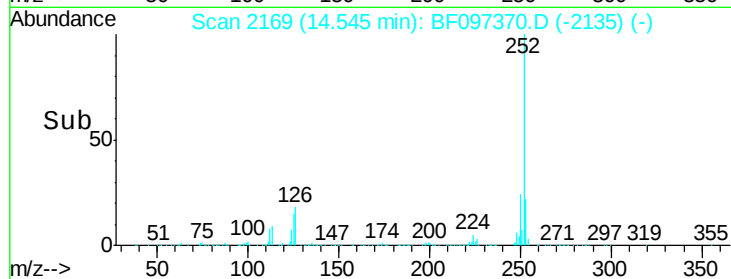
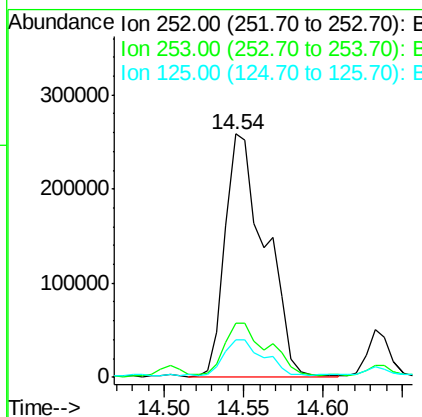
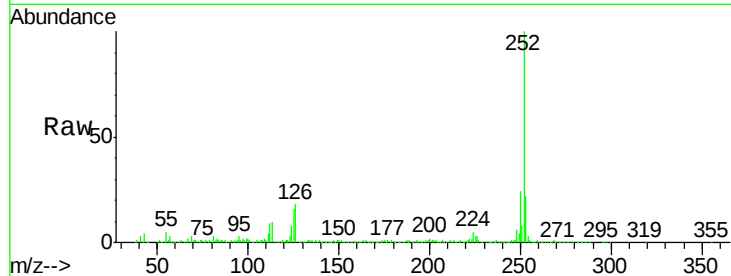




#88
Benzo(k)fluoranthene
Concen: 47.47 ng
RT: 14.54 min Scan# 2169
Delta R.T. -0.10 min
Lab File: BF097370.D
Acq: 4 Aug 2017 21:59

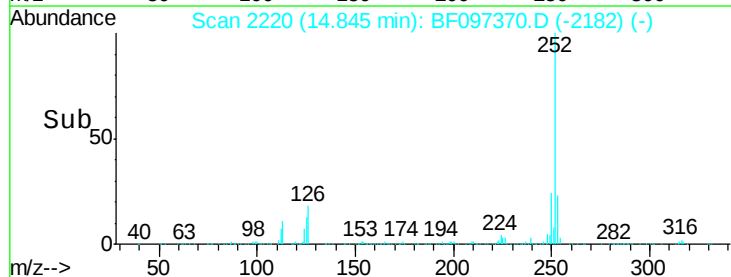
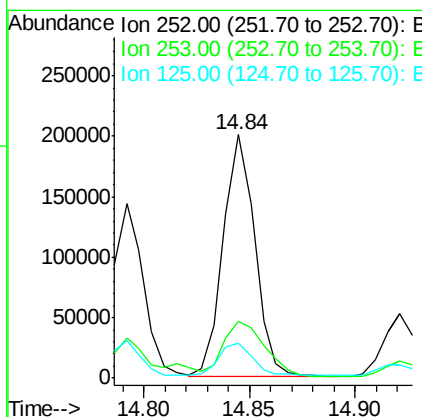
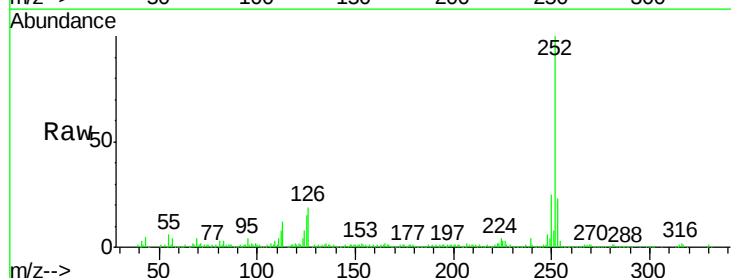
Instrument :
BNA_F
ClientSampleId :
2013

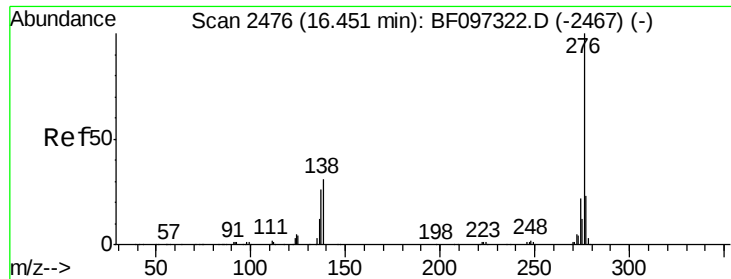
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.4	27.6
125	15.6	13.1	19.7



#89
Benzo(a)pyrene
Concen: 22.71 ng
RT: 14.84 min Scan# 2220
Delta R.T. -0.08 min
Lab File: BF097370.D
Acq: 4 Aug 2017 21:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	14.5	11.0	16.4





#91

Benzo(a,h,i)perylene

Concen: 11.38 ng

RT: 16.45 min Scan# 2493

Delta R.T. -0.12 min

Lab File: BF097370.D

Acq: 4 Aug 2017 21:59

Instrument :

BNA_F

ClientSampleId :

2013

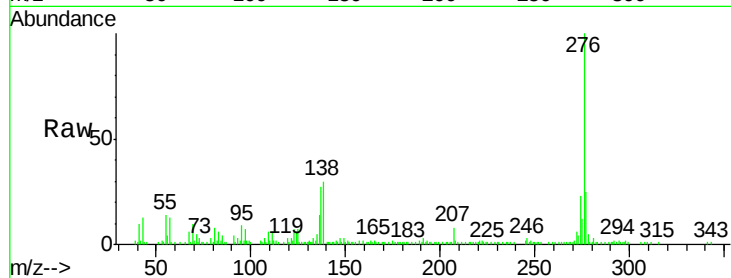
Tot Ion: 276 Resp: 89589

Ion Ratio Lower Upper

276 100

277 24.7 18.6 28.0

138 29.8 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

