

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097387.D
 Acq On : 5 Aug 2017 6:25
 Operator : SJ/JU
 Sample : I4522-03DL 5X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 06 00:54:11 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	110446	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	431462	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	150559	20.00	ng	-0.07
63) Phenanthrene-d10	10.93	188	213663	20.00	ng	-0.07
75) Chrysene-d12	13.56	240	202550	20.00	ng	-0.07
86) Perylene-d12	14.89	264	156976	20.00	ng	-0.08

System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	161065	21.98	ng	-0.06
7) Phenol-d6	6.12	99	228470	27.32	ng	-0.05
23) Nitrobenzene-d5	7.01	82	119729	16.28	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	24126	20.28	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	178941	20.17	ng	-0.07
78) Terphenyl-d14	12.51	244	118949	11.97	ng	-0.08

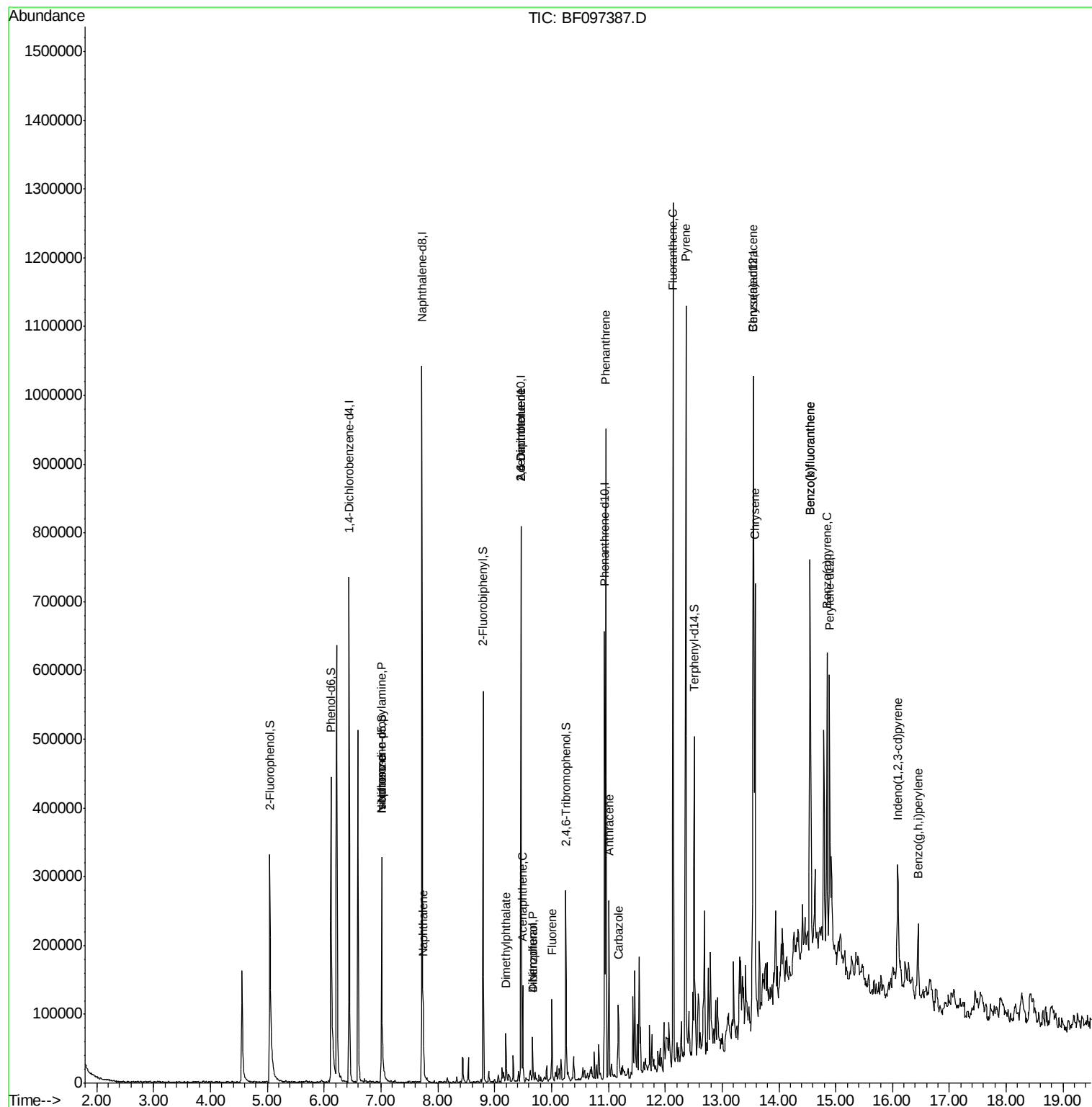
Target Compounds				Qvalue		
19) n-Nitroso-di-n-propylamine	7.01	70	15604	2.83	ng	# 84
25) Isophorone	7.01	82	119728	8.31	ng	# 67
31) Naphthalene	7.75	128	45663	2.25	ng	98
49) Dimethylphthalate	9.20	163	25198	2.20	ng	100
50) 2,6-Dinitrotoluene	9.46	165	19724	8.13	ng	# 34
51) Acenaphthene	9.49	154	27939	3.27	ng	98
54) Dibenzofuran	9.67	168	23917	2.10	ng	96
55) 4-Nitrophenol	9.67	139	8752	4.89	ng	# 25
56) 2,4-Dinitrotoluene	9.46	165	19724	7.08	ng	# 34
57) Fluorene	10.00	166	31531	3.68	ng	97
70) Phenanthrene	10.96	178	308813	26.97	ng	99
71) Anthracene	11.01	178	91692	7.82	ng	98
72) Carbazole	11.17	167	40389	3.50	ng	97
74) Fluoranthene	12.14	202	476242	42.46	ng	98
77) Pyrene	12.36	202	427445	25.78	ng	99
80) Benzo(a)anthracene	13.54	228	263472	20.10	ng	99
82) Chrysene	13.58	228	212872	16.63	ng	98
85) Indeno(1,2,3-cd)pyrene	16.09	276	81928	7.47	ng	99
87) Benzo(b)fluoranthene	14.54	252	337410	35.76	ng	# 96
88) Benzo(k)fluoranthene	14.54	252	337410	37.52	ng	99
89) Benzo(a)pyrene	14.84	252	161346	18.68	ng	98
91) Benzo(g,h,i)perylene	16.45	276	69990	9.42	ng	94

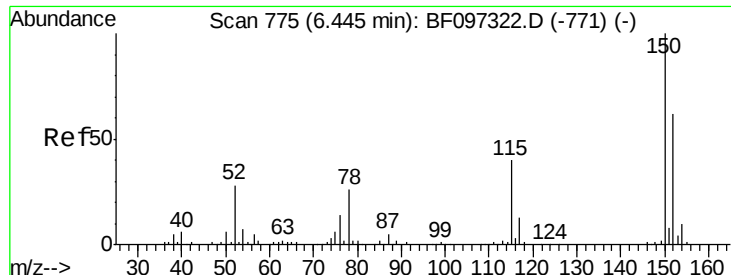
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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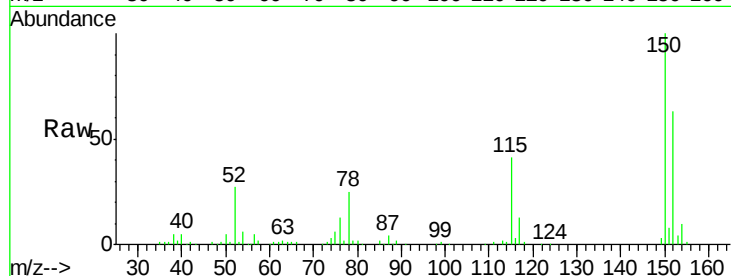


#1

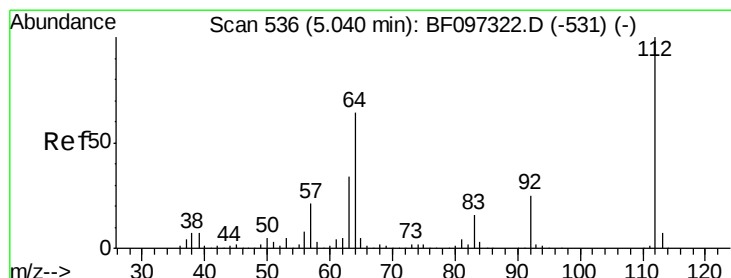
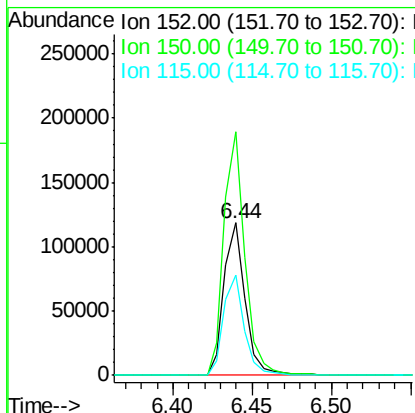
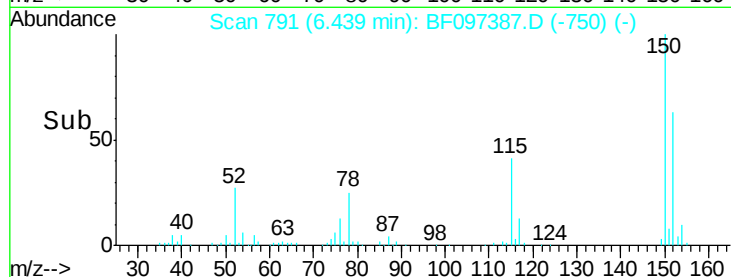
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.06 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 110446
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 65.5 52.2 78.2



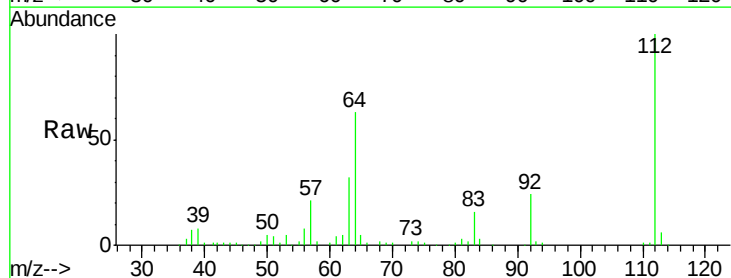
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



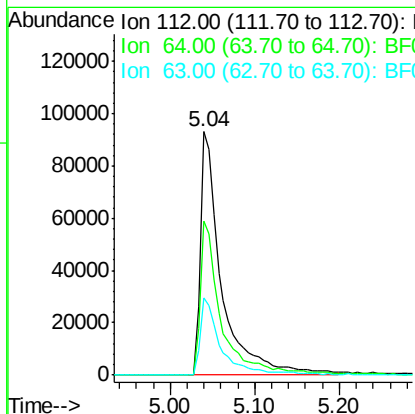
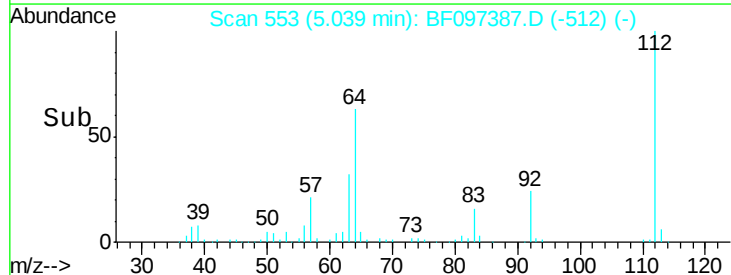
#5

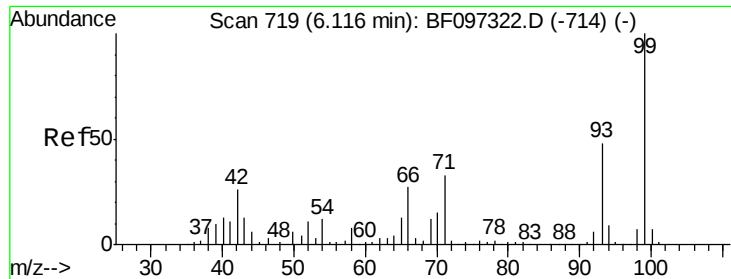
2-Fluorophenol
Concen: 21.98 ng
RT: 5.04 min Scan# 553
Delta R.T. -0.06 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:112 Resp: 161065
Ion Ratio Lower Upper
112 100
64 63.2 46.0 69.0
63 31.6 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: 27.32 ng

RT: 6.12 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF097387.D

Acq: 5 Aug 2017 6:25

Instrument :

BNA_F

ClientSampleId :

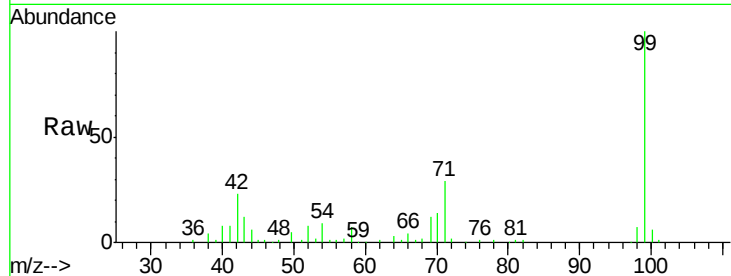
Tot Ion: 99 Resp: 228470

Ion Ratio Lower Upper

99 100

42 22.6 13.5 20.3#

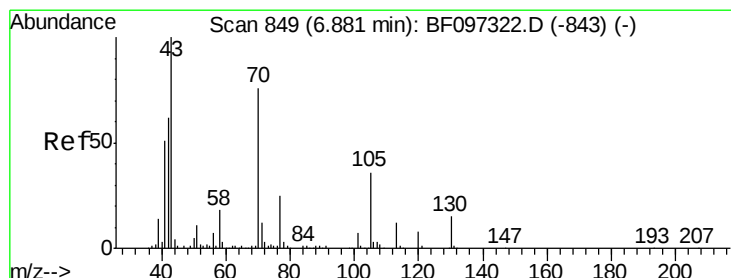
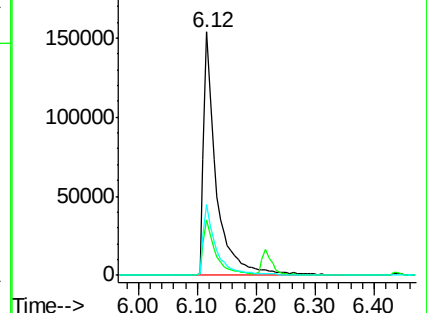
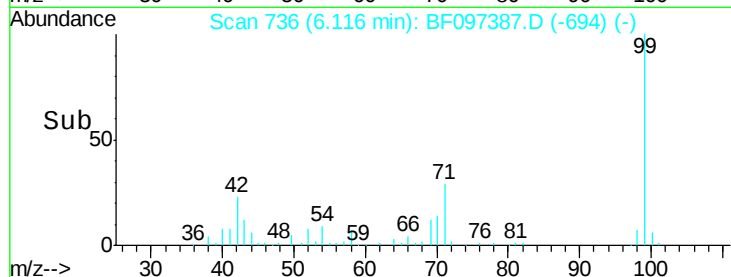
71 29.3 24.5 36.7



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: 2.83 ng

RT: 7.01 min Scan# 888

Delta R.T. 0.08 min

Lab File: BF097387.D

Acq: 5 Aug 2017 6:25

Tgt Ion: 70 Resp: 15604

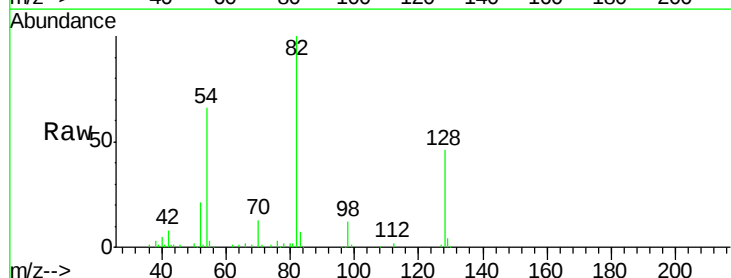
Ion Ratio Lower Upper

70 100

42 64.5 47.2 70.8

101 0.0 7.2 10.8#

130 2.7 15.9 23.9#

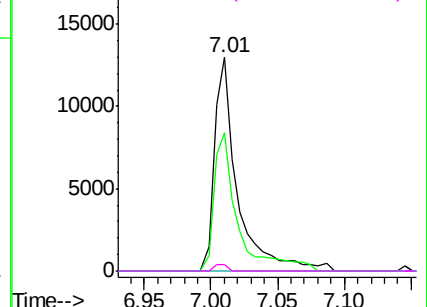
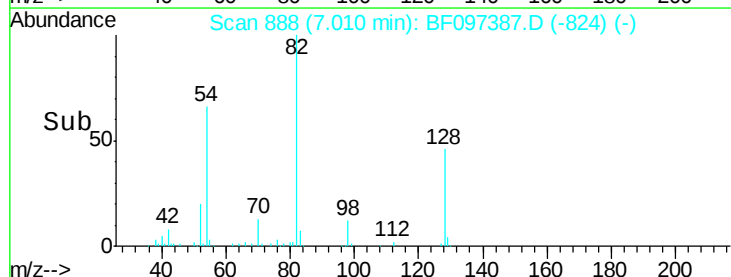


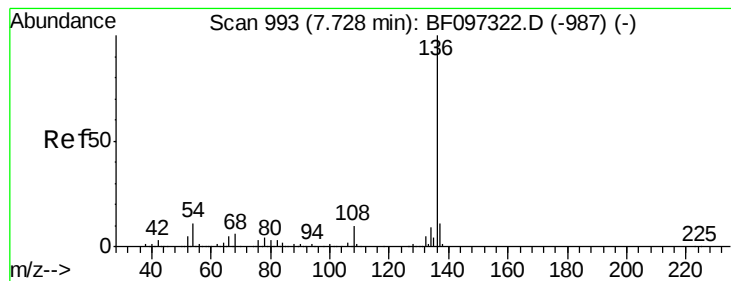
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF097387.D

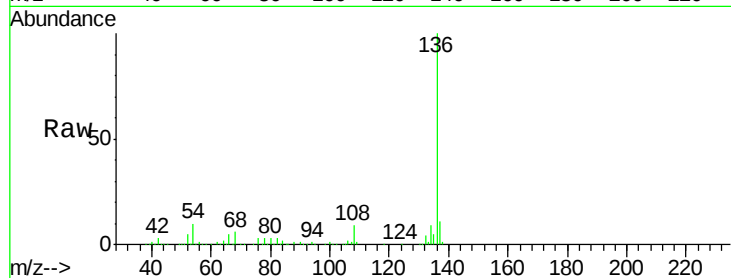
Acq: 5 Aug 2017 6:25

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	431462
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.5 12.7
54	10.4	4.9 7.3#
68	6.0	4.1 6.1

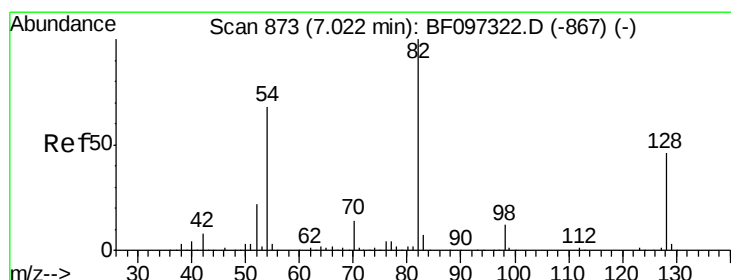
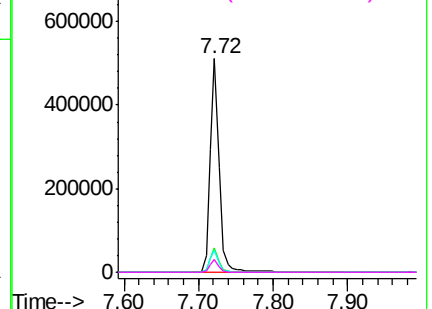
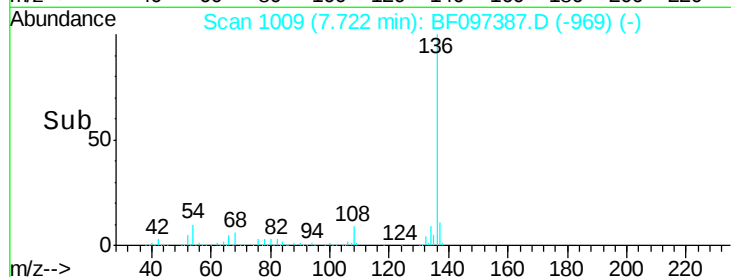


Abundance Ion 136.00 (135.70 to 136.70): E

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: 16.28 ng

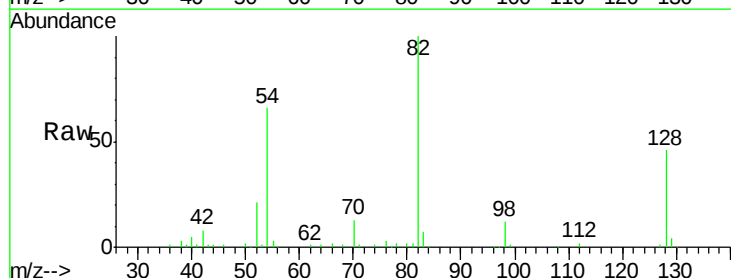
RT: 7.01 min Scan# 888

Delta R.T. -0.06 min

Lab File: BF097387.D

Acq: 5 Aug 2017 6:25

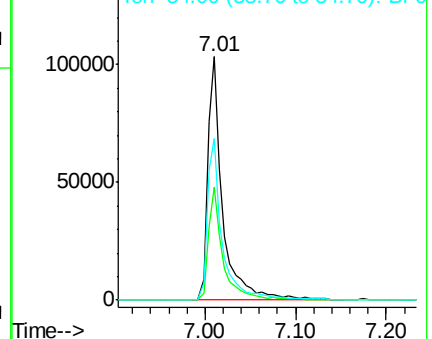
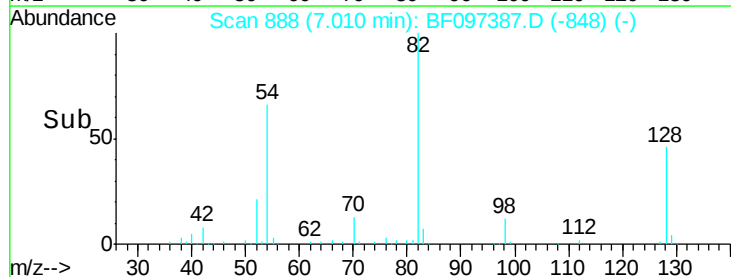
Tgt Ion: 82	Resp:	119729
Ion Ratio	Lower	Upper
82	100	
128	46.4	34.0 51.0
54	66.3	42.2 63.2#

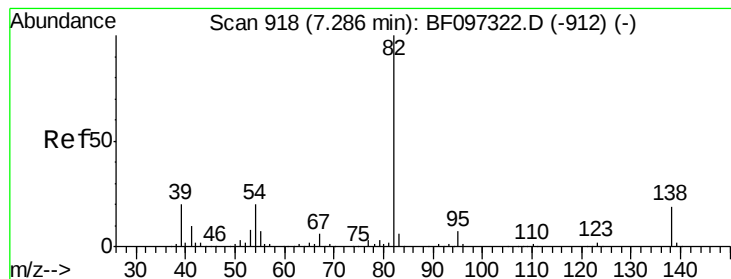


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 8.31 ng

RT: 7.01 min Scan# 888

Delta R.T. -0.33 min

Lab File: BF097387.D

Acq: 5 Aug 2017 6:25

Instrument :

BNA_F

ClientSampleId :

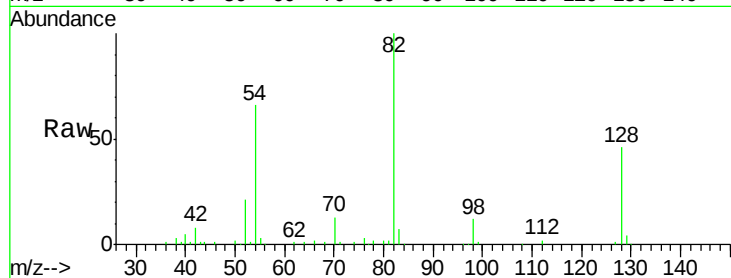
Tot Ion: 82 Resp: 119728

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

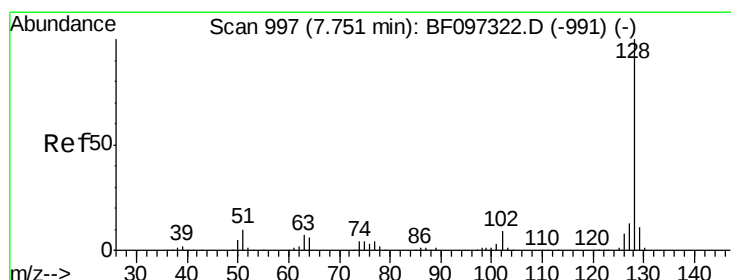
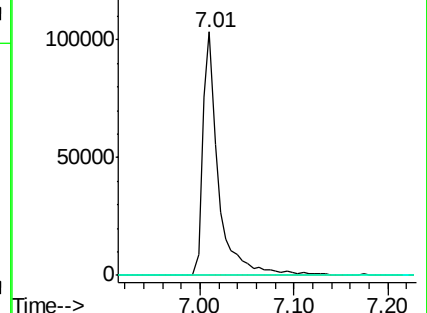
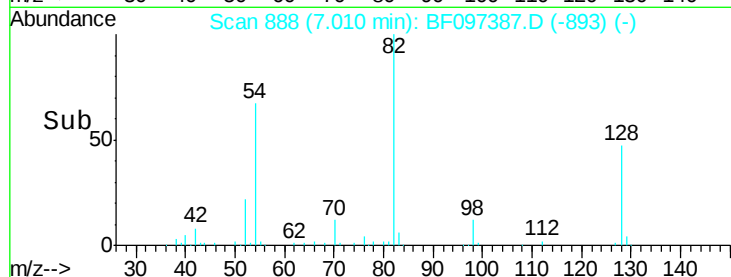
138 0.0 13.1 19.7#



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: 2.25 ng

RT: 7.75 min Scan# 1013

Delta R.T. -0.06 min

Lab File: BF097387.D

Acq: 5 Aug 2017 6:25

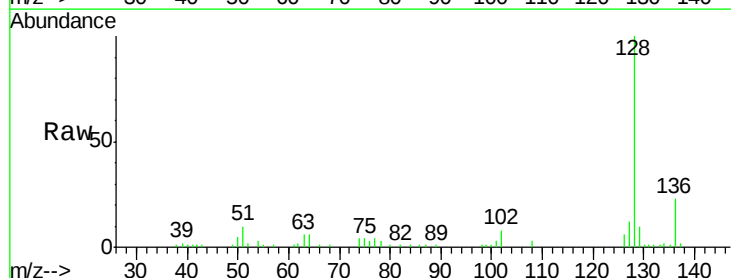
Tgt Ion: 128 Resp: 45663

Ion Ratio Lower Upper

128 100

129 10.5 9.0 13.6

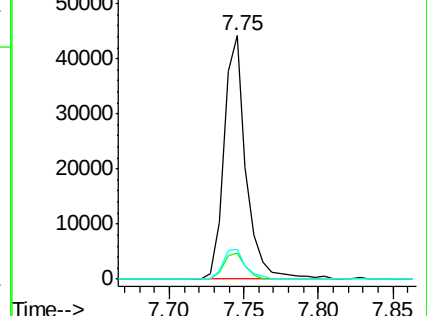
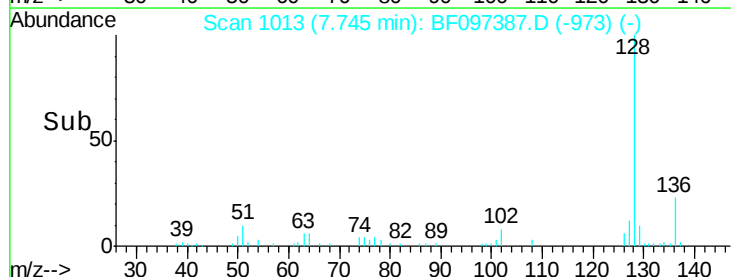
127 12.5 10.8 16.2

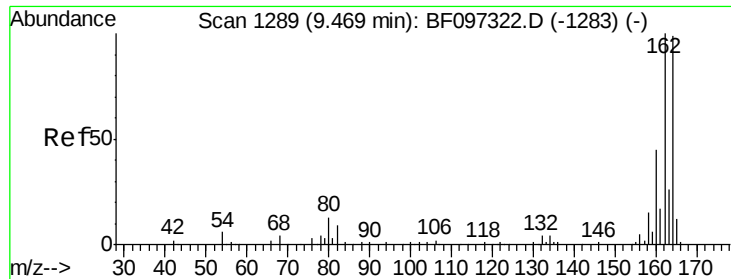


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

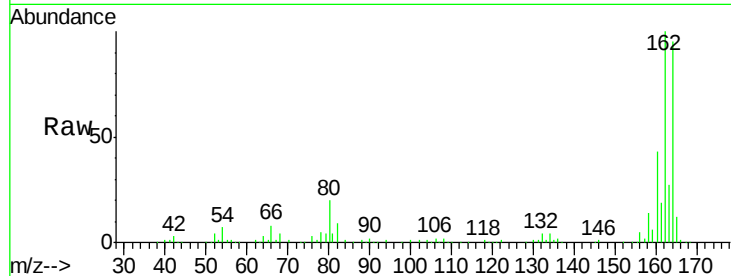




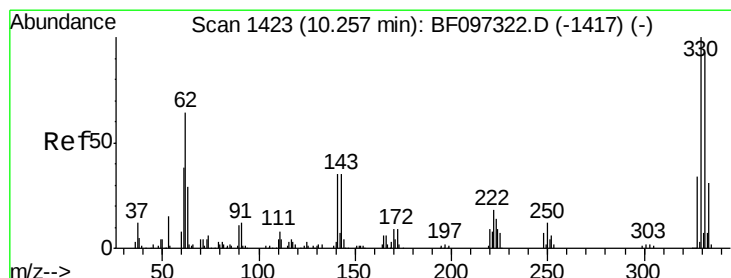
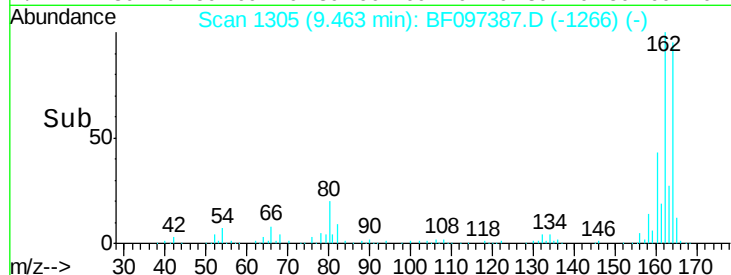
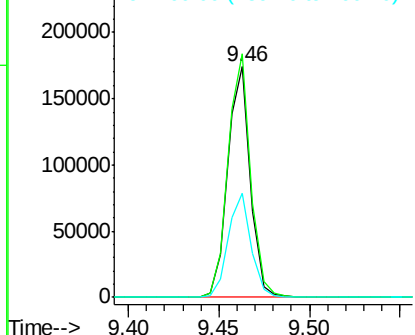
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.46 min Scan# 1305
Delta R.T. -0.07 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
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ClientSampleId :

Tot Ion:164 Resp: 150559
Ion Ratio Lower Upper
164 100
162 105.5 82.6 123.8
160 45.1 36.2 54.2

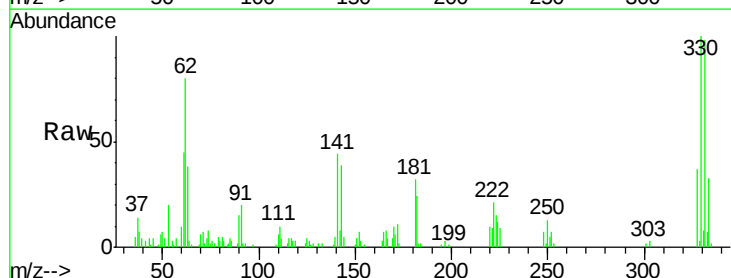


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

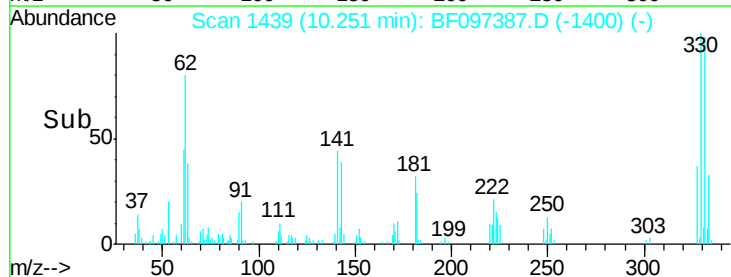
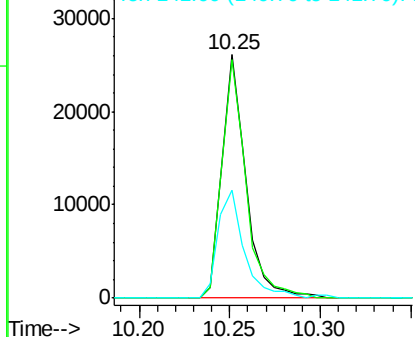


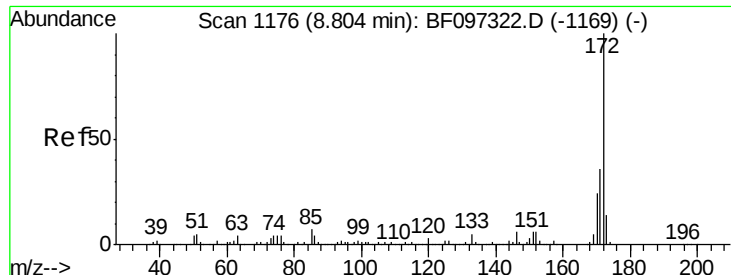
#41
2,4,6-Tribromophenol
Concen: 20.28 ng
RT: 10.25 min Scan# 1439
Delta R.T. -0.07 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:330 Resp: 24126
Ion Ratio Lower Upper
330 100
332 98.7 76.6 115.0
141 48.0 31.4 47.2#



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

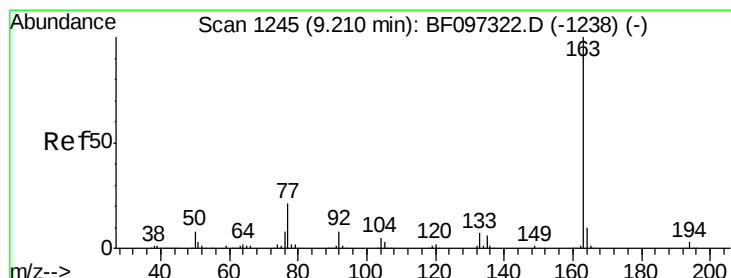
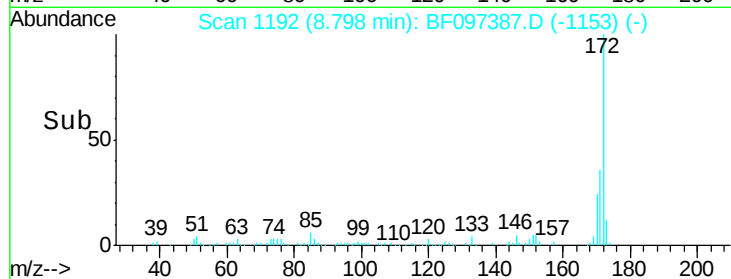
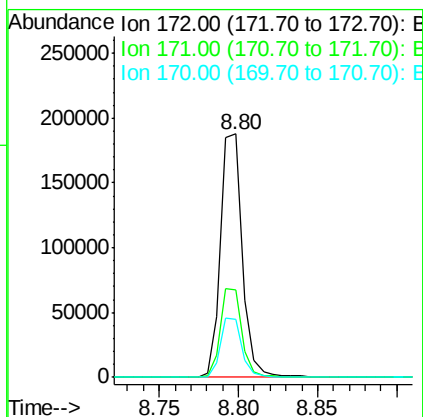
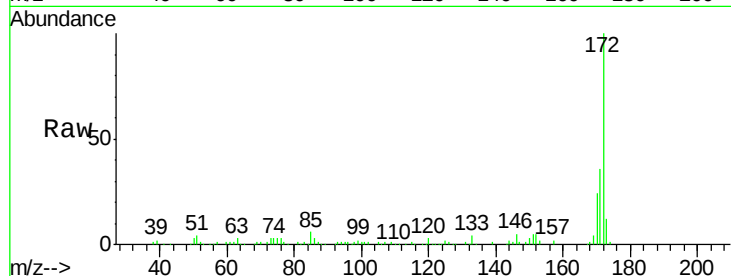




#44
2-Fluorobiphenyl
Concen: 20.17 ng
RT: 8.80 min Scan# 1192
Delta R.T. -0.07 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

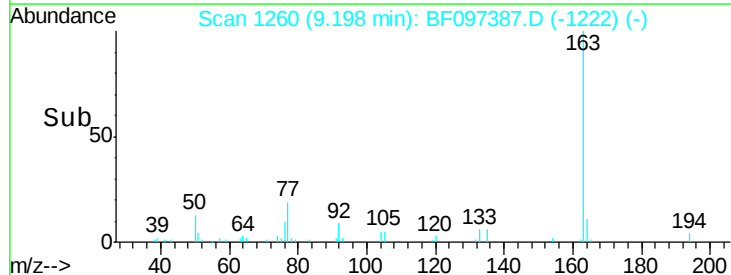
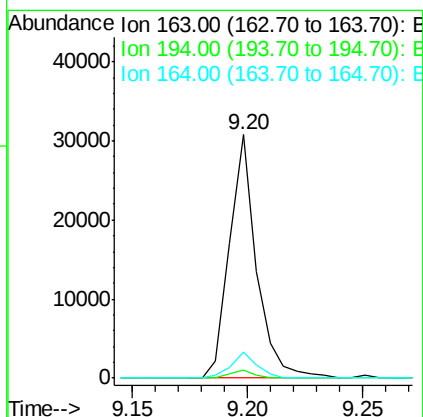
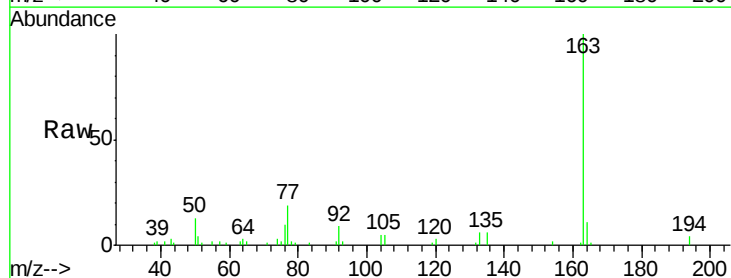
Instrument :
BNA_F
ClientSampleId :

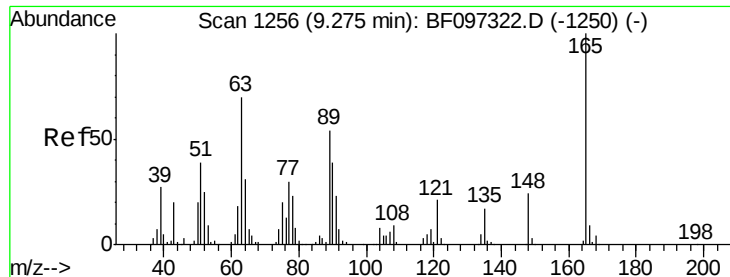
Tot Ion:172 Resp: 178941
Ion Ratio Lower Upper
172 100
171 36.2 29.6 44.4
170 24.1 19.8 29.8



#49
Dimethylphthalate
Concen: 2.20 ng
RT: 9.20 min Scan# 1260
Delta R.T. -0.08 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:163 Resp: 25198
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.6 8.4 12.6

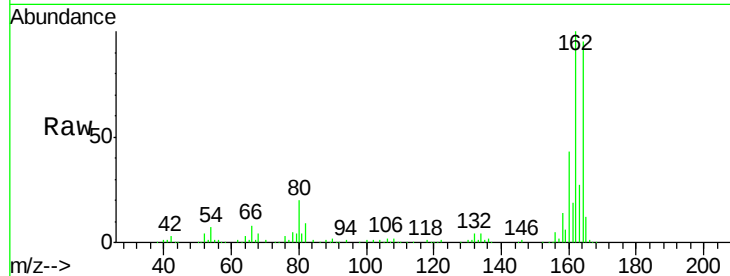




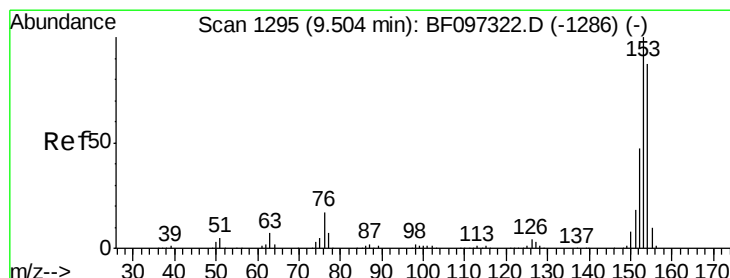
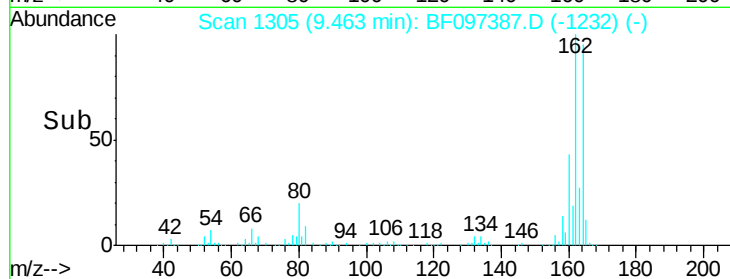
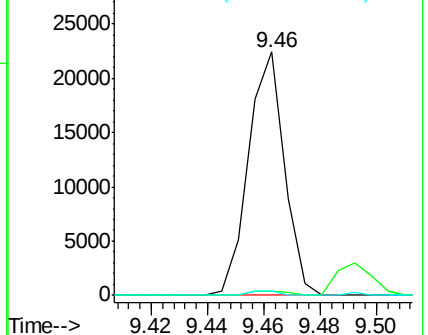
#50
 2,6-Dinitrotoluene
 Concen: 8.13 ng
 RT: 9.46 min Scan# 1305
 Delta R.T. 0.13 min
 Lab File: BF097387.D
 Acq: 5 Aug 2017 6:25

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 19724
 Ion Ratio Lower Upper
 165 100
 63 1.9 34.3 51.5#
 89 2.0 37.1 55.7#

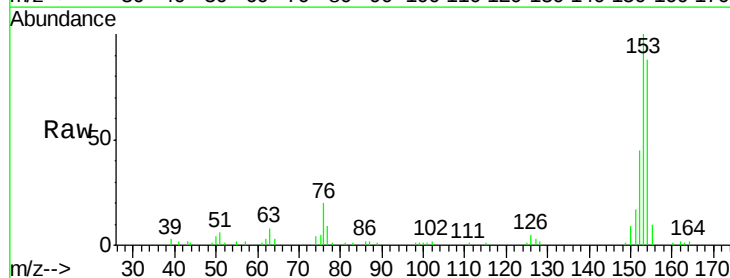


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

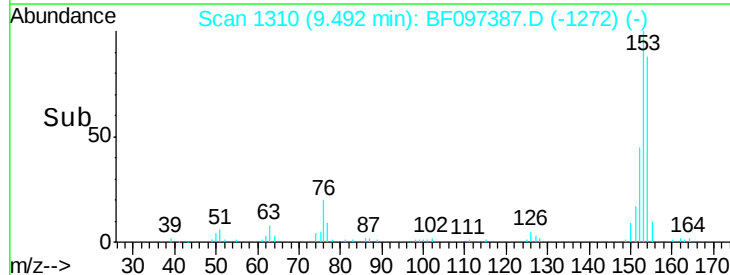
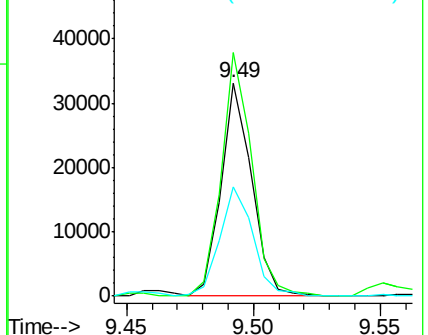


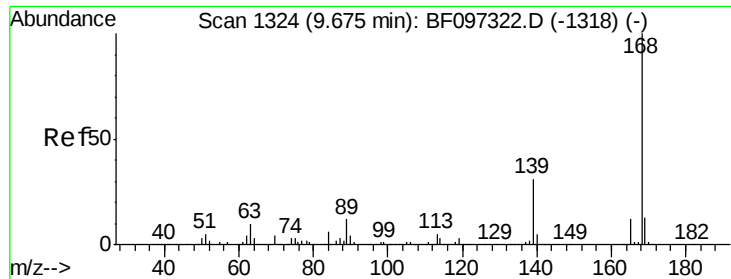
#51
 Acenaphthene
 Concen: 3.27 ng
 RT: 9.49 min Scan# 1310
 Delta R.T. -0.08 min
 Lab File: BF097387.D
 Acq: 5 Aug 2017 6:25

Tgt Ion:154 Resp: 27939
 Ion Ratio Lower Upper
 154 100
 153 114.2 90.5 135.7
 152 51.1 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

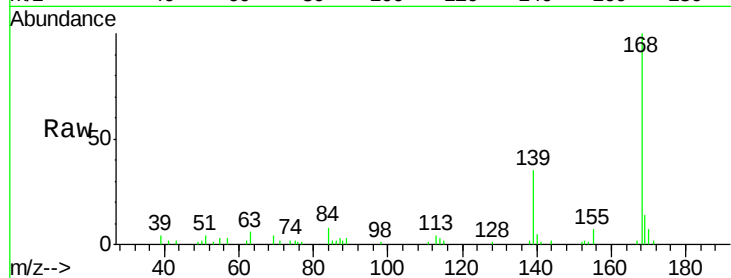




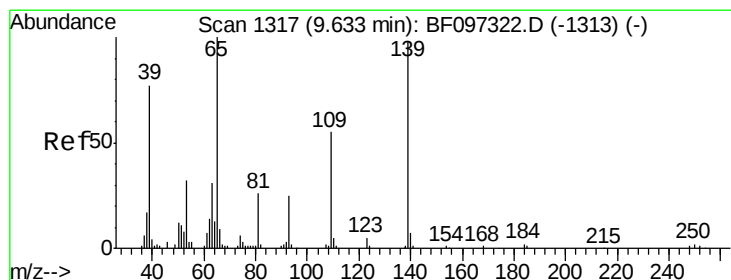
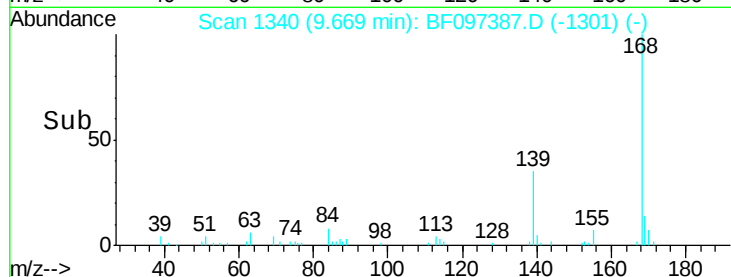
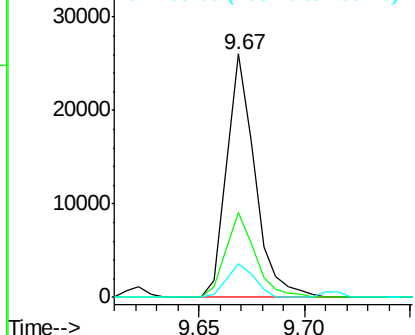
#54
Dibenzofuran
Concen: 2.10 ng
RT: 9.67 min Scan# 1340
Delta R.T. -0.07 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
168	100		
139	34.7	30.6	45.8
169	13.8	10.8	16.2

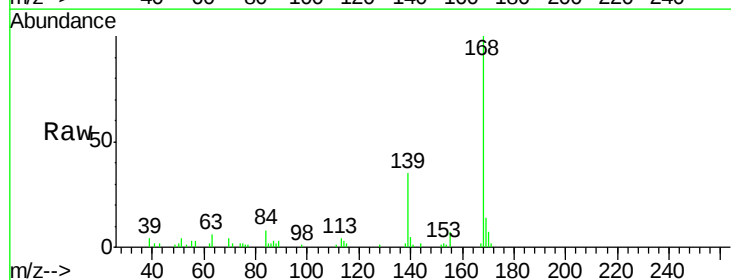


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

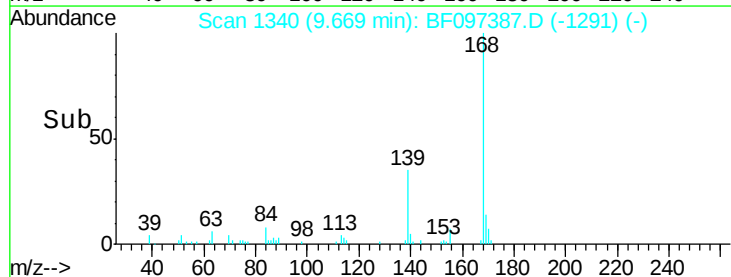
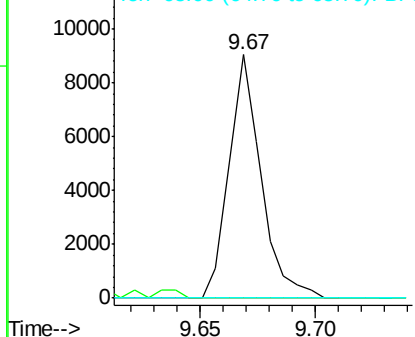


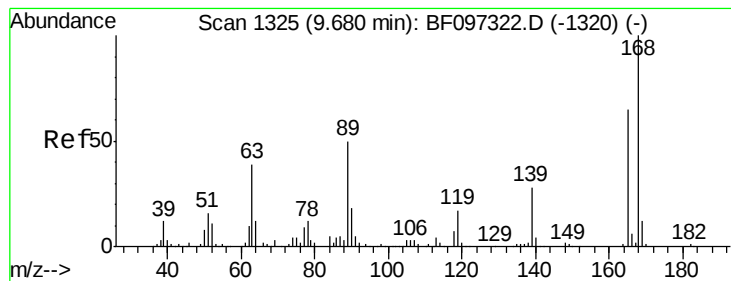
#55
4-Nitrophenol
Concen: 4.89 ng
RT: 9.67 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion	Ratio	Lower	Upper
139	100		
109	0.0	34.1	74.1#
65	0.0	31.4	71.4#



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





#56

2,4-Dinitrotoluene

Concen: 7.08 ng

RT: 9.46 min Scan# 1305

Delta R.T. -0.27 min

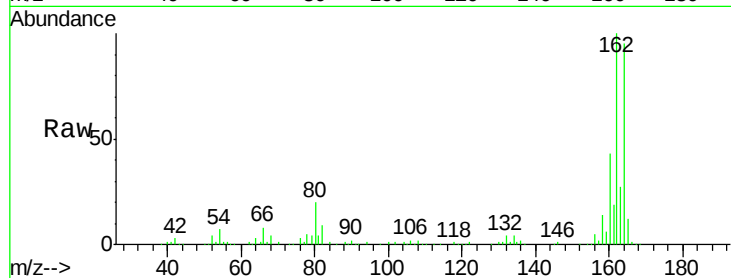
Lab File: BF097387.D

Acq: 5 Aug 2017 6:25

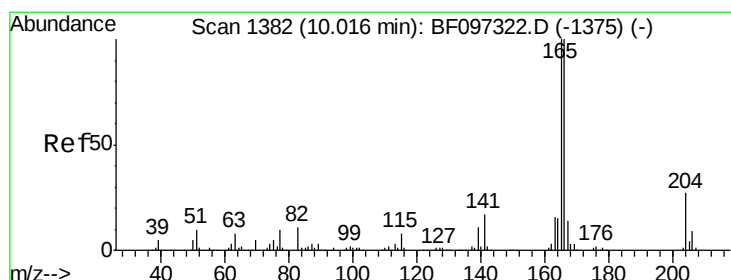
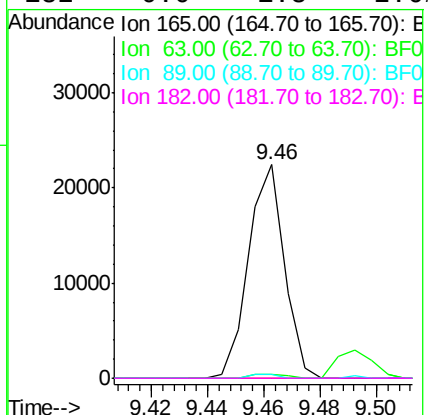
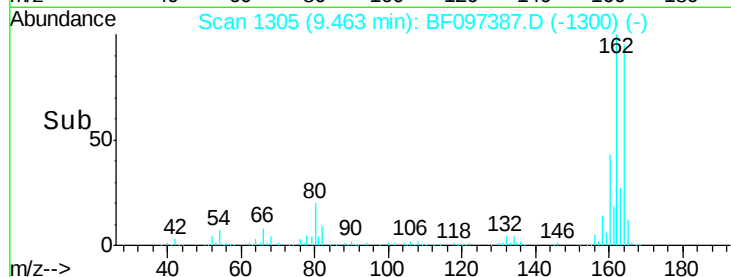
Instrument :

BNA_F

ClientSampleId :



Tot Ion:165	Resp:	19724
Ion	Ratio	Lower Upper
165	100	
63	1.9	25.4 38.0#
89	2.0	46.4 69.6#
182	0.0	1.8 2.6#



#57

Fluorene

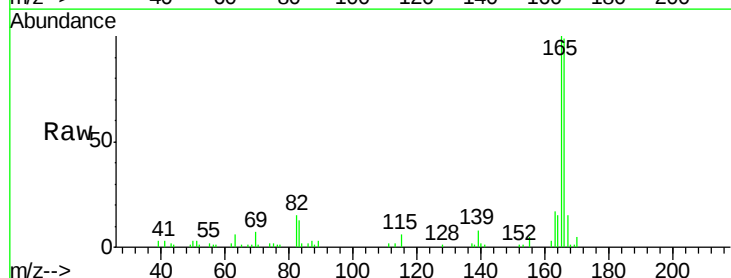
Concen: 3.68 ng

RT: 10.00 min Scan# 1397

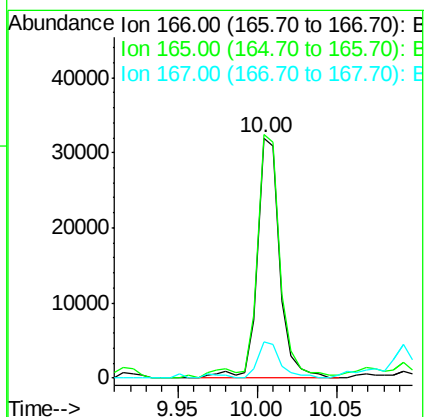
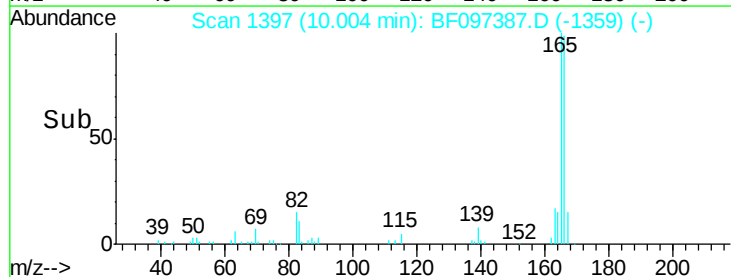
Delta R.T. -0.08 min

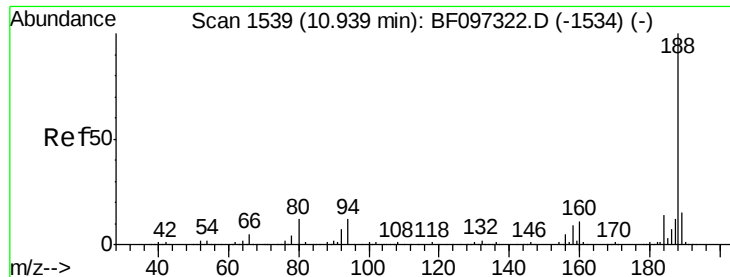
Lab File: BF097387.D

Acq: 5 Aug 2017 6:25



Tgt Ion:166	Resp:	31531
Ion	Ratio	Lower Upper
166	100	
165	101.5	78.8 118.2
167	15.1	10.6 16.0

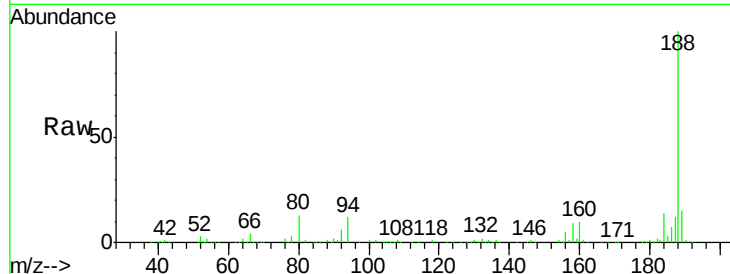




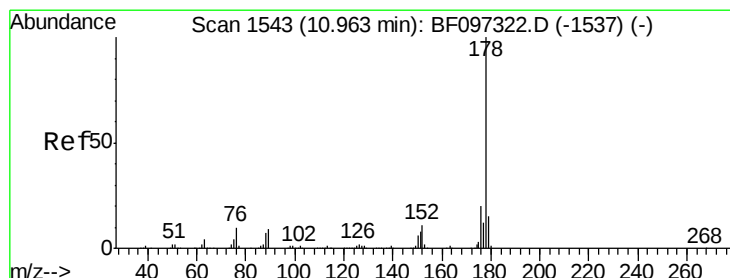
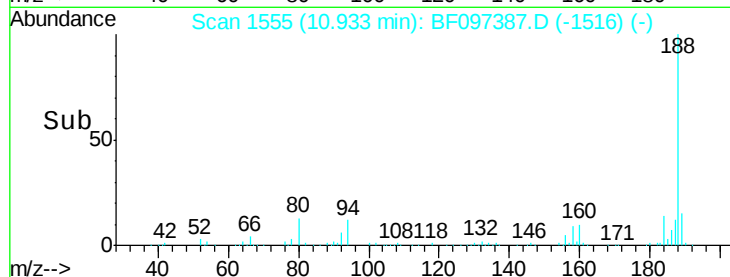
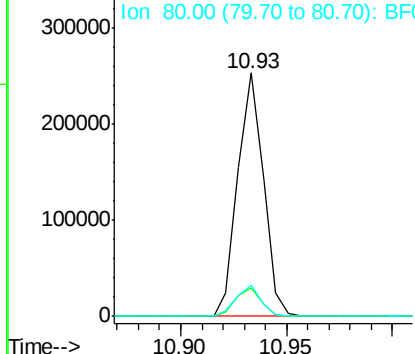
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.07 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 213663
Ion Ratio Lower Upper
188 100
94 11.8 9.4 14.2
80 12.6 10.2 15.2

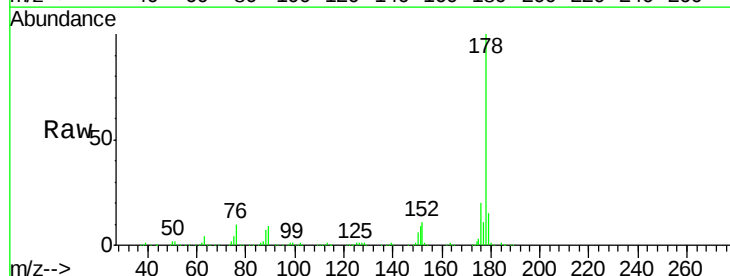


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

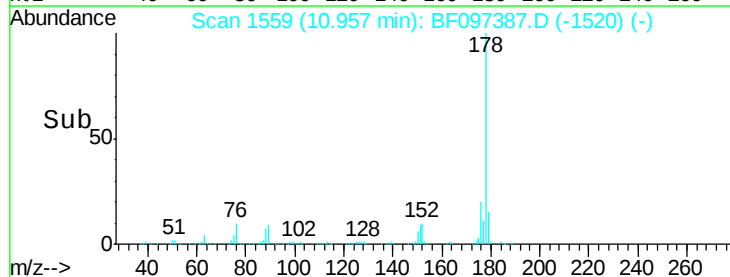
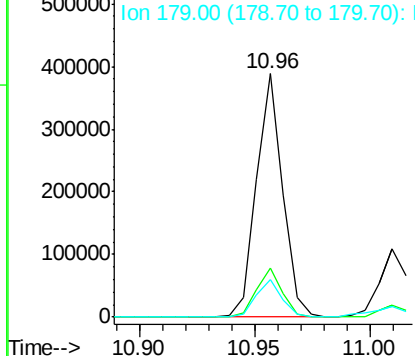


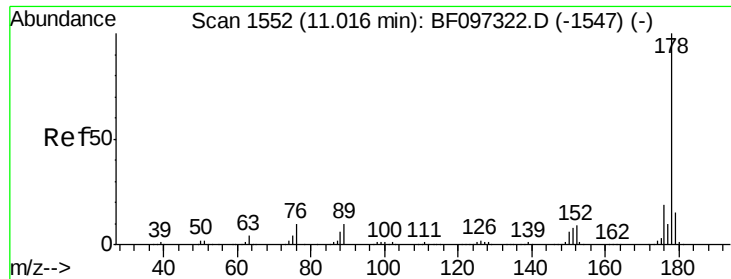
#70
Phenanthrene
Concen: 26.97 ng
RT: 10.96 min Scan# 1559
Delta R.T. -0.07 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:178 Resp: 308813
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.4
179 15.2 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

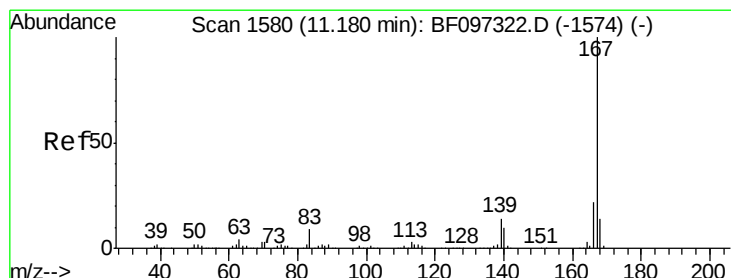
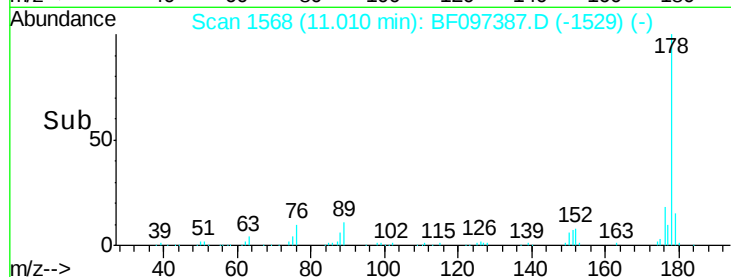
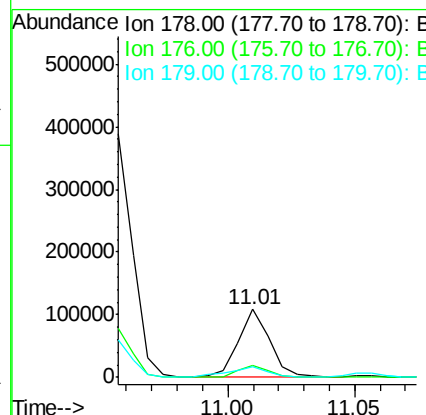
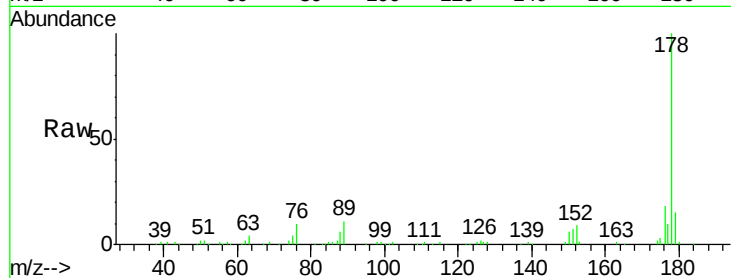




#71
 Anthracene
 Concen: 7.82 ng
 RT: 11.01 min Scan# 1568
 Delta R.T. -0.07 min
 Lab File: BF097387.D
 Acq: 5 Aug 2017 6:25

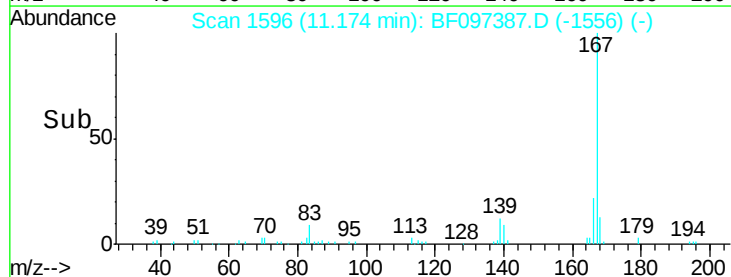
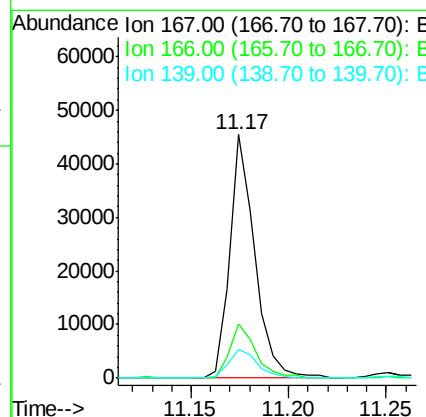
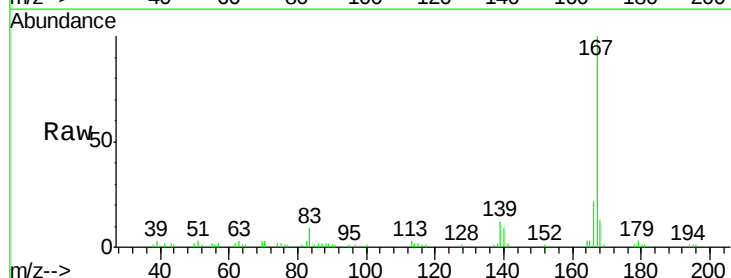
Instrument :
 BNA_F
 ClientSampled :

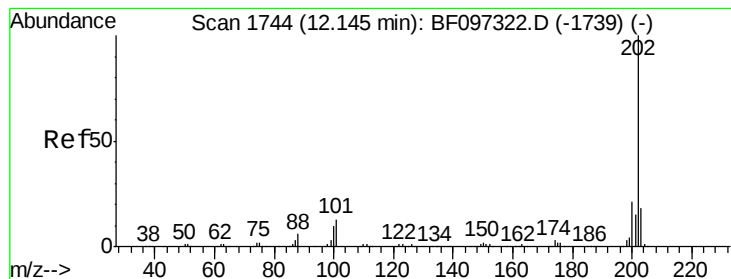
Tot Ion:178 Resp: 91692
 Ion Ratio Lower Upper
 178 100
 176 18.3 15.8 23.8
 179 15.3 12.7 19.1



#72
 Carbazole
 Concen: 3.50 ng
 RT: 11.17 min Scan# 1596
 Delta R.T. -0.06 min
 Lab File: BF097387.D
 Acq: 5 Aug 2017 6:25

Tgt Ion:167 Resp: 40389
 Ion Ratio Lower Upper
 167 100
 166 22.4 18.1 27.1
 139 12.0 11.7 17.5





#74

Fluoranthene

Concen: 42.46 ng

RT: 12.14 min Scan# 1760

Delta R.T. -0.07 min

Lab File: BF097387.D

Acq: 5 Aug 2017 6:25

Instrument :

BNA_F

ClientSampleId :

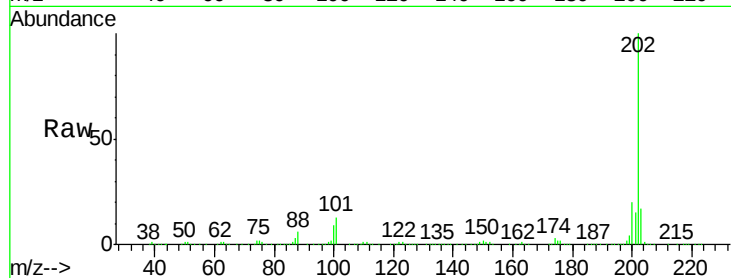
Tot Ion:202 Resp: 476242

Ion Ratio Lower Upper

202 100

101 13.1 0.0 33.2

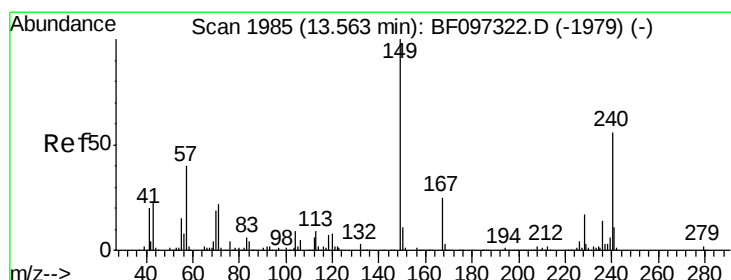
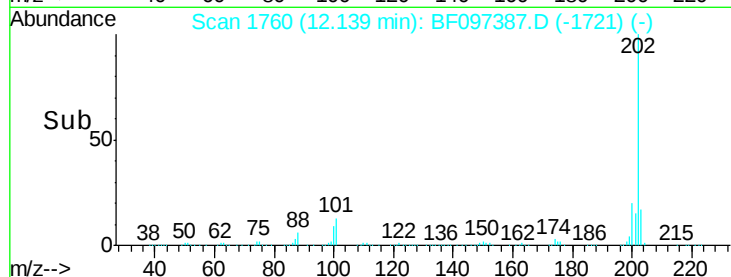
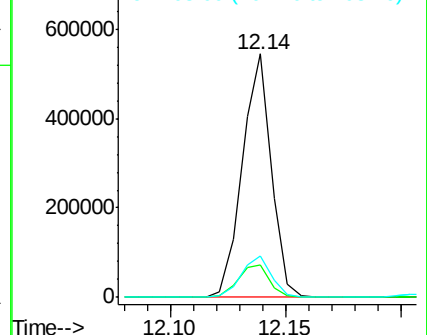
203 16.9 0.0 38.1



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: BF097387.D

Acq: 5 Aug 2017 6:25

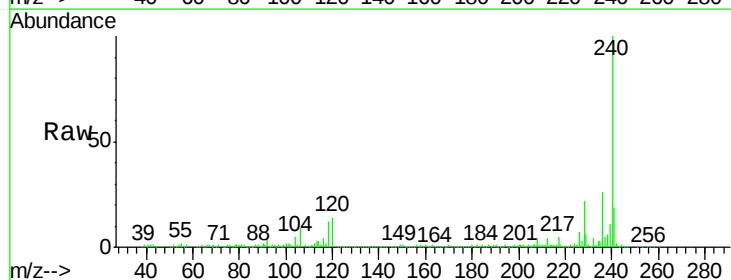
Tgt Ion:240 Resp: 202550

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

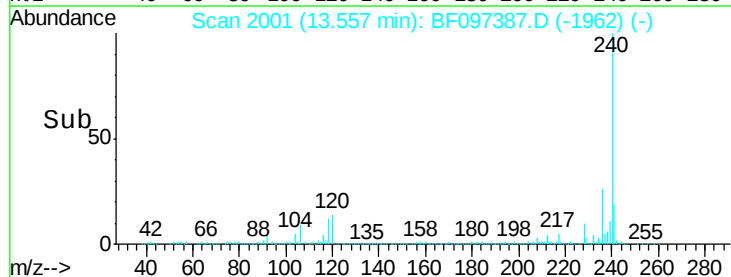
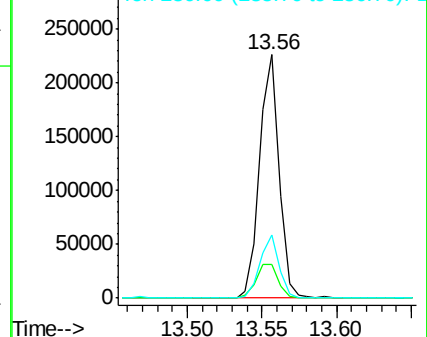
236 25.9 20.5 30.7

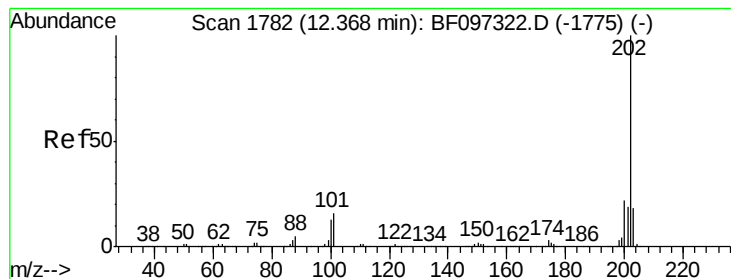


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 25.78 ng

RT: 12.36 min Scan# 1798

Delta R.T. -0.07 min

Lab File: BF097387.D

Acq: 5 Aug 2017 6:25

Instrument :

BNA_F

ClientSampleId :

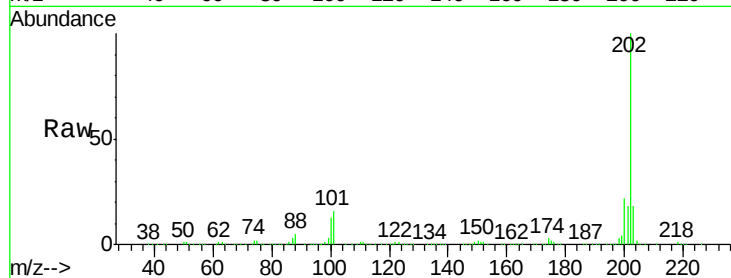
Tot Ion:202 Resp: 427445

Ion Ratio Lower Upper

202 100

200 21.7 17.6 26.4

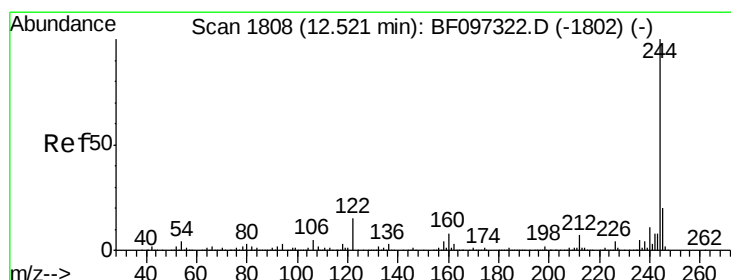
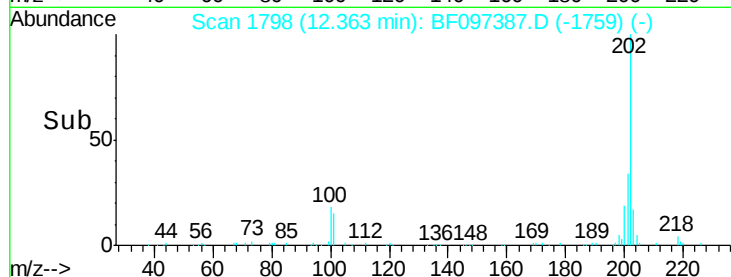
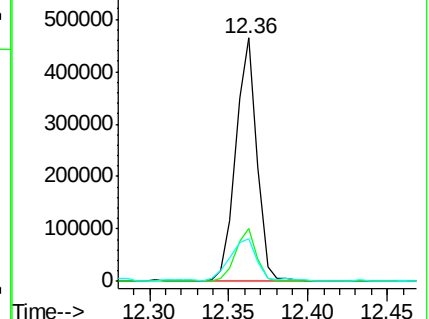
203 17.8 14.4 21.6



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: 11.97 ng

RT: 12.51 min Scan# 1823

Delta R.T. -0.08 min

Lab File: BF097387.D

Acq: 5 Aug 2017 6:25

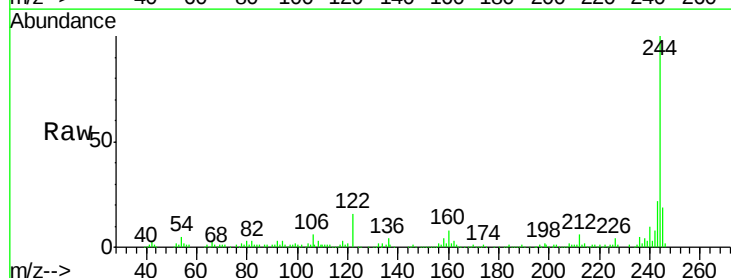
Tgt Ion:244 Resp: 118949

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

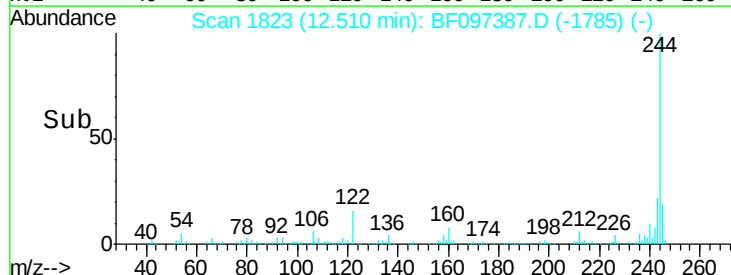
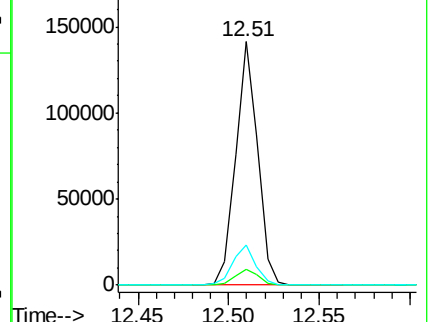
122 16.4 10.3 15.5#

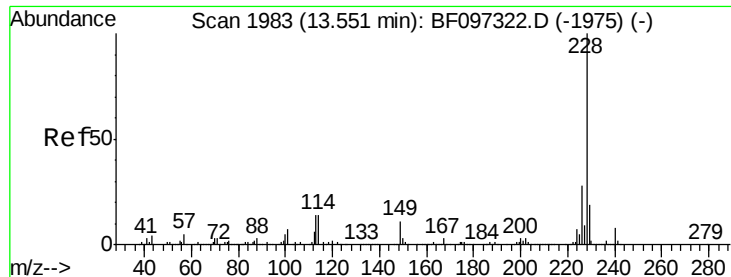


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 20.10 ng

RT: 13.54 min Scan# 1999

Delta R.T. -0.07 min

Lab File: BF097387.D

Acq: 5 Aug 2017 6:25

Instrument :

BNA_F

ClientSampleId :

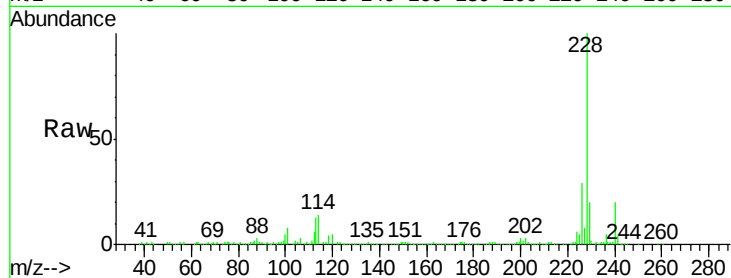
Tot Ion:228 Resp: 263472

Ion Ratio Lower Upper

228 100

226 29.0 22.6 33.8

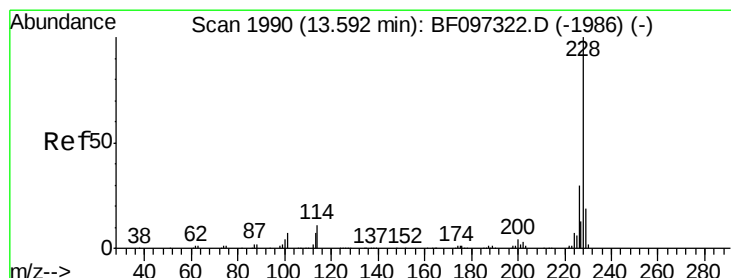
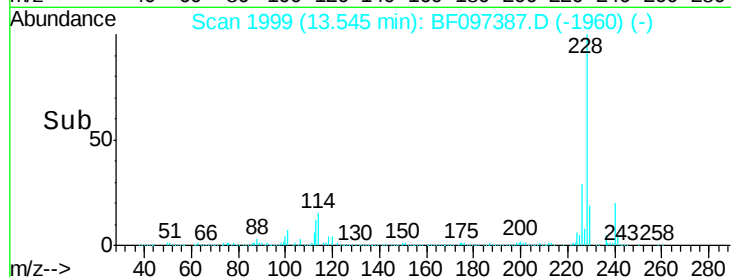
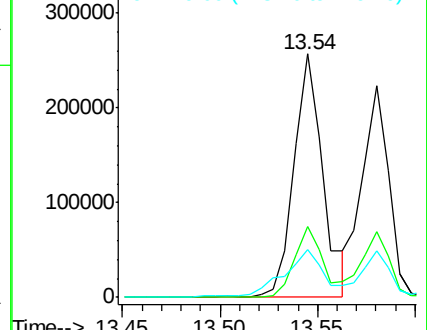
229 19.9 16.3 24.5



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: 16.63 ng

RT: 13.58 min Scan# 2005

Delta R.T. -0.08 min

Lab File: BF097387.D

Acq: 5 Aug 2017 6:25

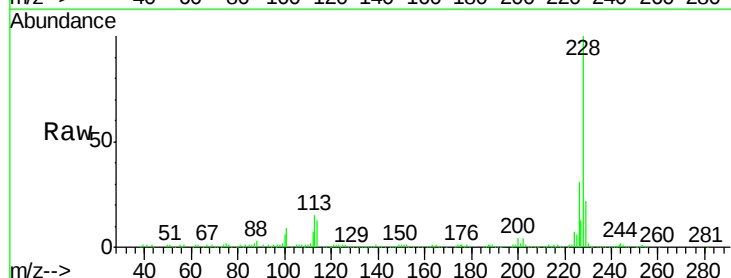
Tgt Ion:228 Resp: 212872

Ion Ratio Lower Upper

228 100

226 31.2 24.9 37.3

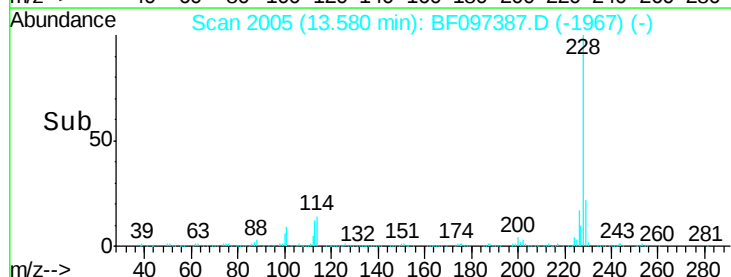
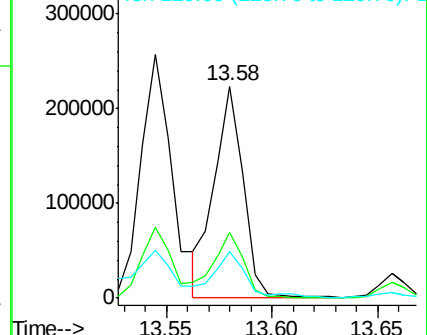
229 21.9 15.8 23.6

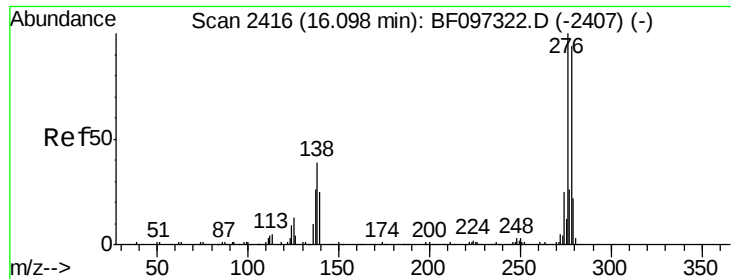


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

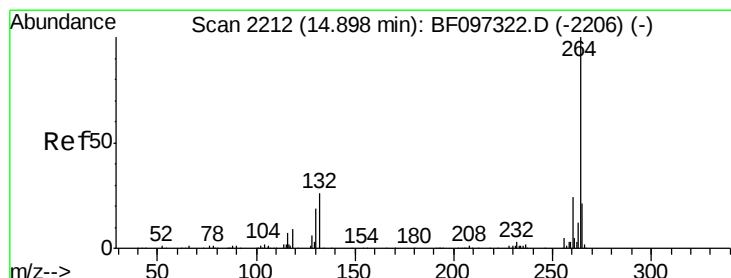
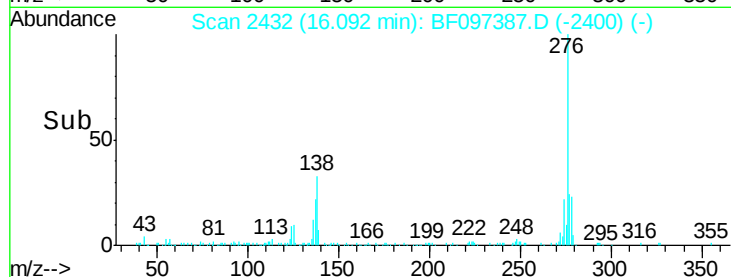
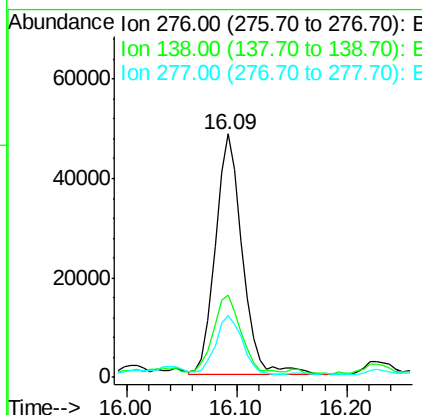
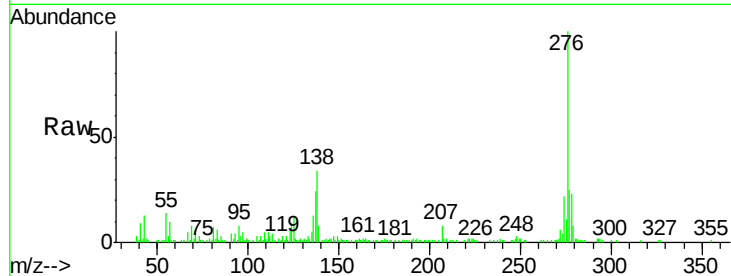




#85
Indeno(1,2,3-cd)pyrene
Concen: 7.47 ng
RT: 16.09 min Scan# 2432
Delta R.T. -0.11 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

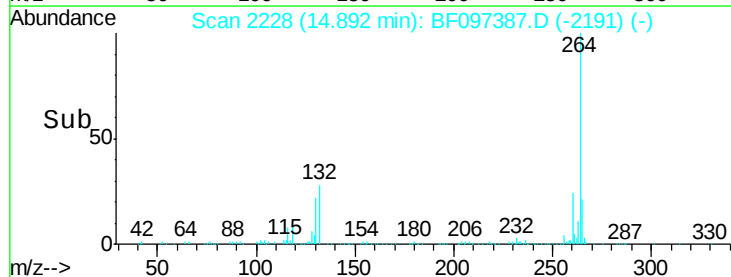
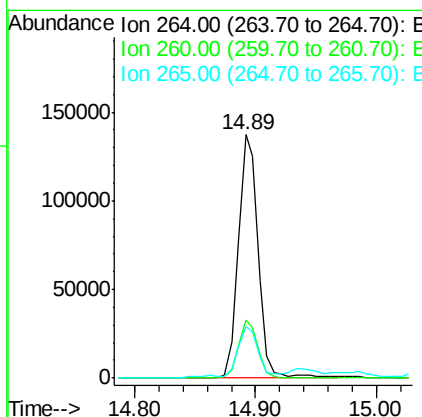
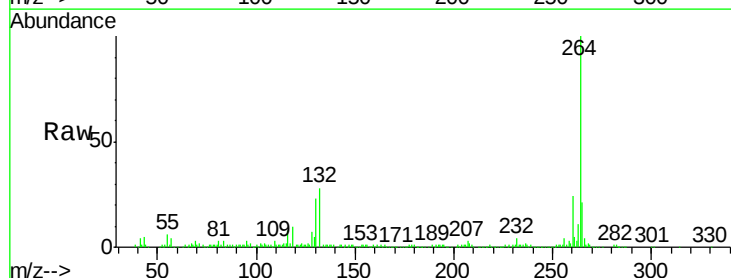
Instrument :
BNA_F
ClientSampleId :

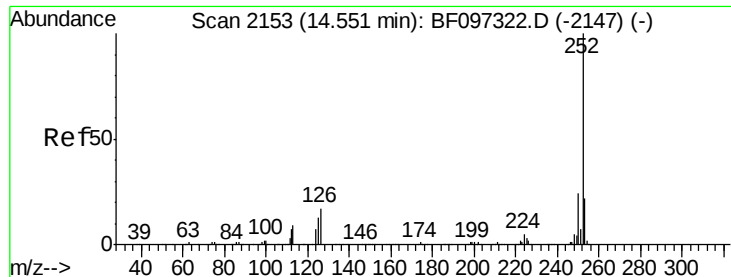
Tot Ion:276 Resp: 81928
Ion Ratio Lower Upper
276 100
138 34.5 27.8 41.6
277 26.2 20.2 30.4



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 2228
Delta R.T. -0.08 min
Lab File: BF097387.D
Acq: 5 Aug 2017 6:25

Tgt Ion:264 Resp: 156976
Ion Ratio Lower Upper
264 100
260 24.1 19.5 29.3
265 20.9 17.2 25.8





#87

Benzo(b)fluoranthene

Concen: 35.76 ng

RT: 14.54 min Scan# 2169

Delta R.T. -0.07 min

Lab File: BF097387.D

Acq: 5 Aug 2017 6:25

Instrument :

BNA_F

ClientSampleId :

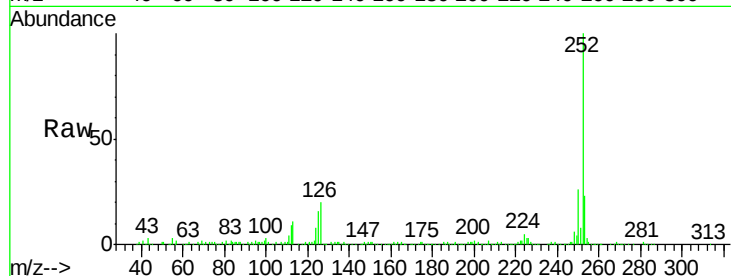
Tot Ion:252 Resp: 337410

Ion Ratio Lower Upper

252 100

253 22.8 18.1 27.1

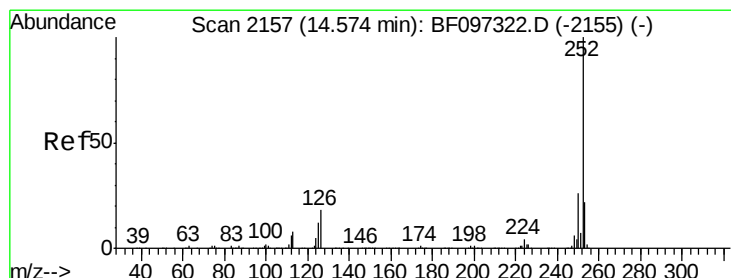
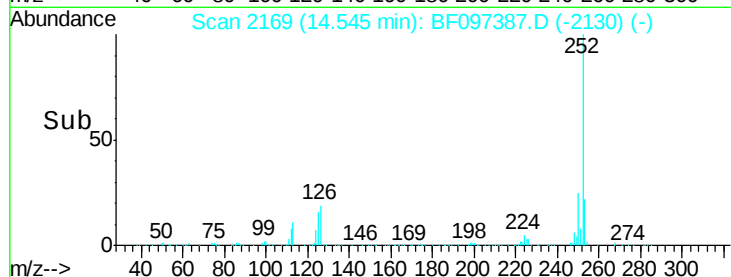
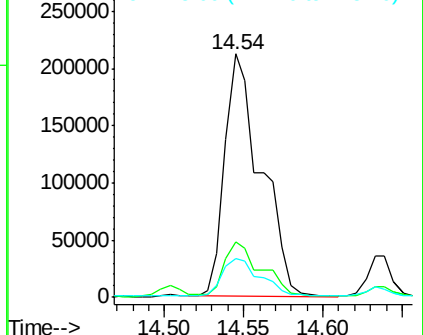
125 16.0 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 37.52 ng

RT: 14.54 min Scan# 2169

Delta R.T. -0.10 min

Lab File: BF097387.D

Acq: 5 Aug 2017 6:25

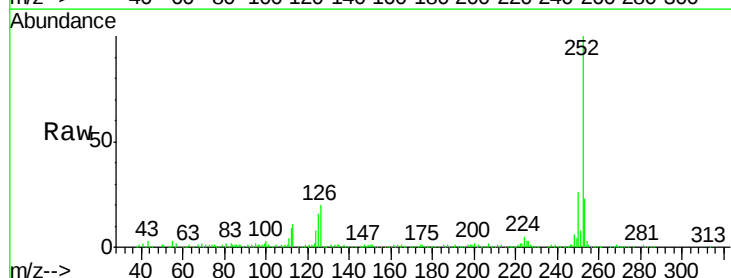
Tgt Ion:252 Resp: 337410

Ion Ratio Lower Upper

252 100

253 22.8 18.4 27.6

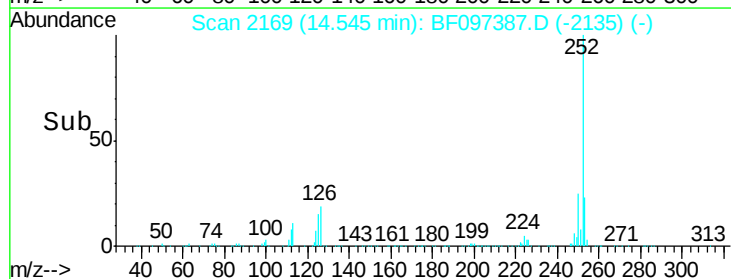
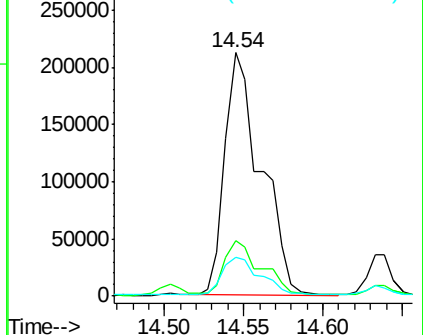
125 16.0 13.1 19.7

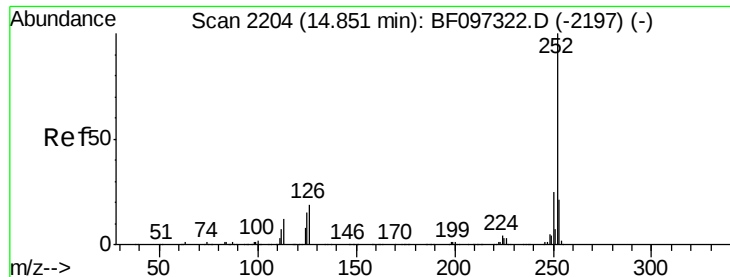


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 18.68 ng

RT: 14.84 min Scan# 2220

Delta R.T. -0.08 min

Lab File: BF097387.D

Acq: 5 Aug 2017 6:25

Instrument :

BNA_F

ClientSampleId :

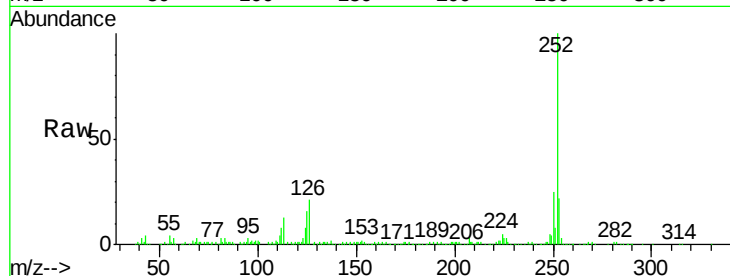
Tot Ion:252 Resp: 161346

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

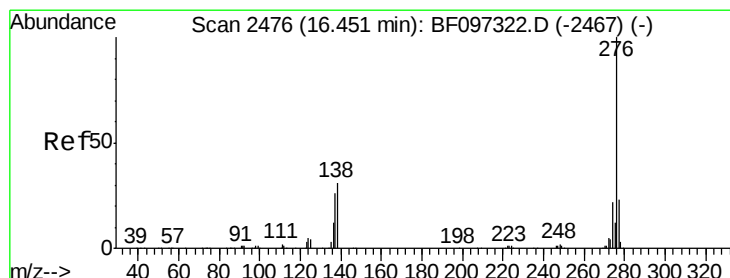
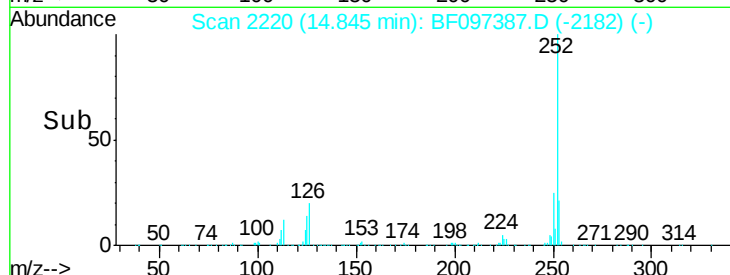
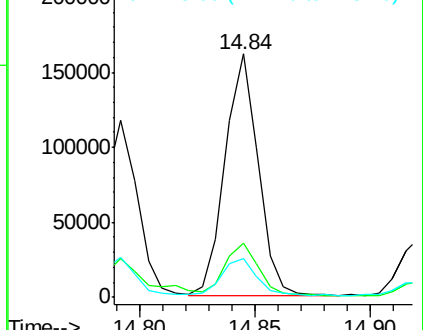
125 15.8 11.0 16.4



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Benzo(g,h,i)perylene

Concen: 9.42 ng

RT: 16.45 min Scan# 2493

Delta R.T. -0.12 min

Lab File: BF097387.D

Acq: 5 Aug 2017 6:25

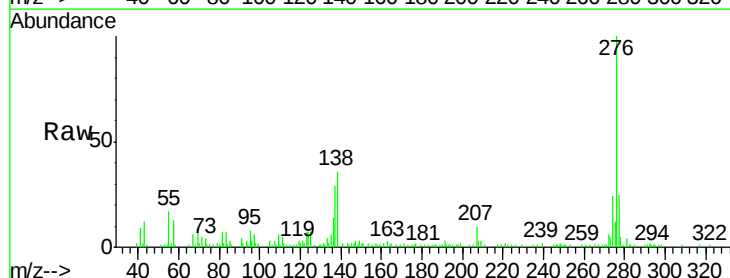
Tgt Ion:276 Resp: 69990

Ion Ratio Lower Upper

276 100

277 25.3 18.6 28.0

138 36.1 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

