

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF081717\
 Data File : BF097834.D
 Acq On : 18 Aug 2017 14:28
 Operator : SJ/JU
 Sample : I4820-04
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-I10-ESW-DUP

Quant Time: Aug 18 15:22:42 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	123549	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	446156	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	161363	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	280558	20.00	ng	0.00
75) Chrysene-d12	13.93	240	246780	20.00	ng	0.00
86) Perylene-d12	15.37	264	165291	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1069417	131.66	ng	0.00
7) Phenol-d6	6.42	99	1421724	128.82	ng	0.00
23) Nitrobenzene-d5	7.34	82	848463	103.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	179427	128.15	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	1011757	92.12	ng	0.00
78) Terphenyl-d14	12.89	244	715353	60.45	ng	0.00

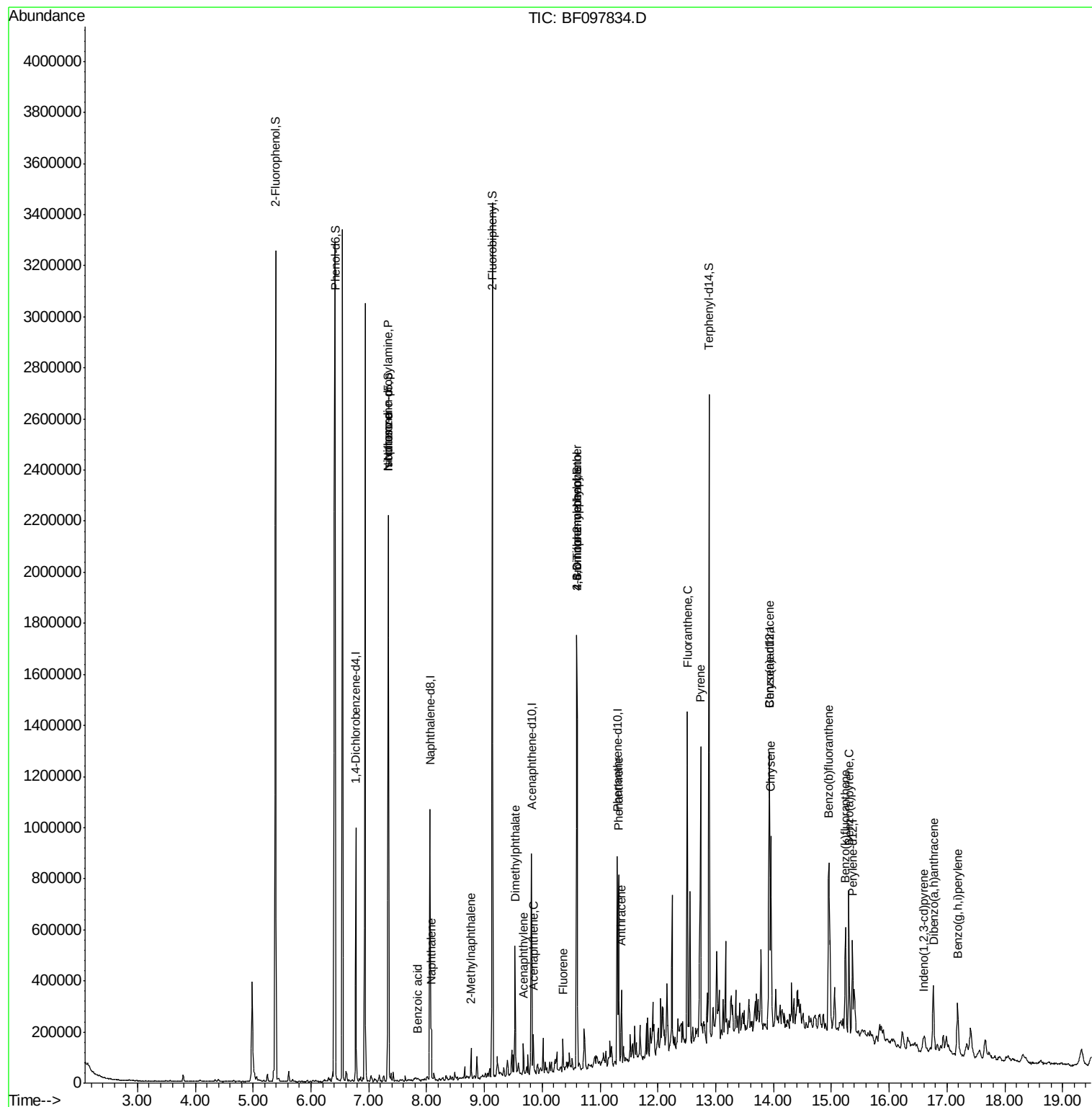
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.34	70	116790	15.459	ng	# 73
25) Isophorone	7.34	82	848453	49.683	ng	# 67
31) Naphthalene	8.08	128	66152	2.856	ng	98
32) Benzoic acid	7.85	122	1865	6.716	ng	# 49
37) 2-Methylnaphthalene	8.77	142	29445	2.074	ng	96
48) Acenaphthylene	9.67	152	39308	2.302	ng	98
49) Dimethylphthalate	9.53	163	171693	14.556	ng	98
51) Acenaphthene	9.85	154	26498	2.461	ng	91
57) Fluorene	10.36	166	25621	2.296	ng	98
64) 4,6-Dinitro-2-methylphenol	10.60	198	484	8.623	ng	# 1
66) 4-Bromophenyl-phenylether	10.60	248	12043	4.134	ng	# 1
70) Phenanthrene	11.32	178	250811	16.776	ng	98
71) Anthracene	11.37	178	93965	6.197	ng	97
74) Fluoranthene	12.51	202	494701	31.703	ng	99
77) Pyrene	12.74	202	506332	25.086	ng	98
80) Benzo(a)anthracene	13.92	228	286032	19.339	ng	93
82) Chrysene	13.96	228	264710	17.991	ng	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	30118	2.783	ng	92
87) Benzo(b)fluoranthene	14.96	252	475630	45.651	ng	99
88) Benzo(k)fluoranthene	15.24	252	180364	18.426	ng	99
89) Benzo(a)pyrene	15.30	252	255857	27.740	ng	97
90) Dibenzo(a,h)anthracene	16.77	278	38103	5.074	ng	96
91) Benzo(g,h,i)perylene	17.19	276	163347	20.848	ng	# 91

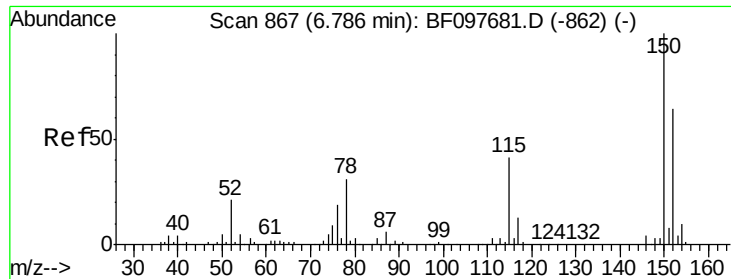
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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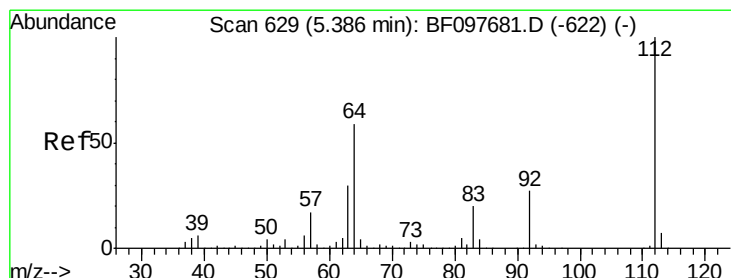
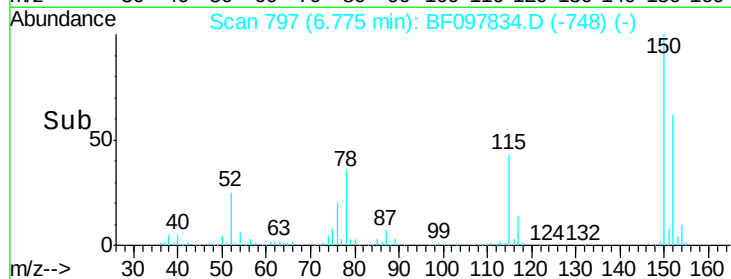
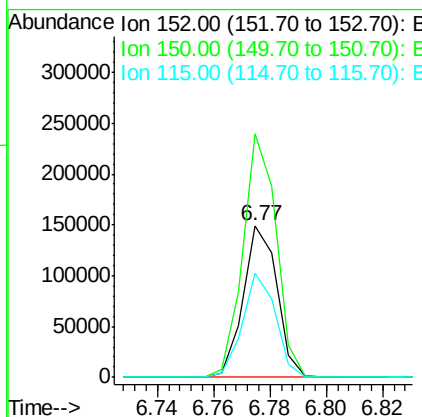
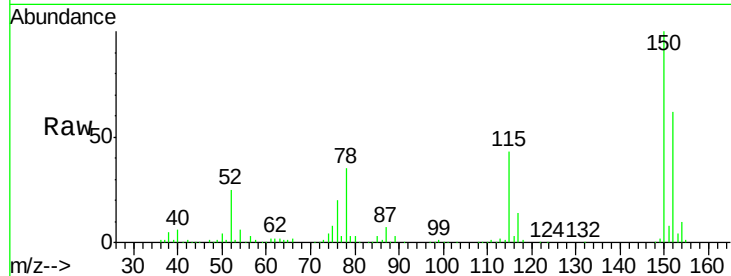




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF097834.D
 Acq: 18 Aug 2017 14:28

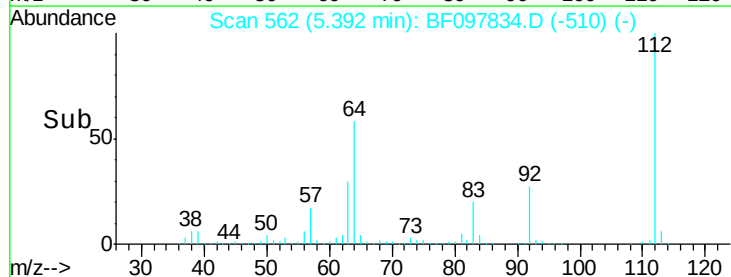
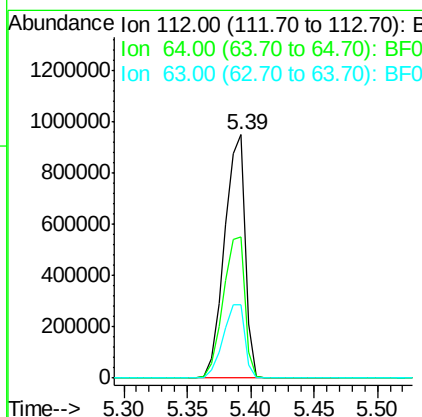
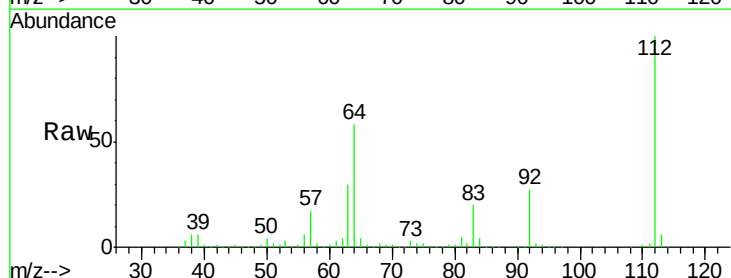
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESW-DUP

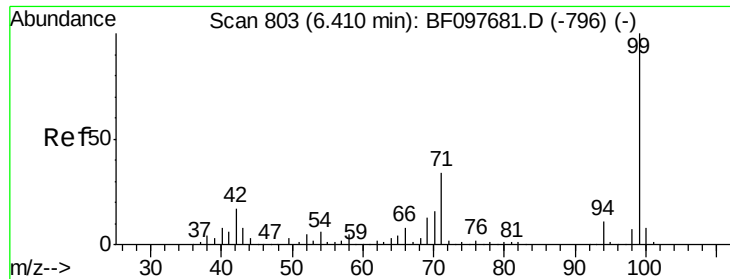
Tgt Ion:152 Resp: 123549
 Ion Ratio Lower Upper
 152 100
 150 160.3 126.2 189.2
 115 68.9 52.2 78.2



#5
 2-Fluorophenol
 Concen: 131.661 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.01 min
 Lab File: BF097834.D
 Acq: 18 Aug 2017 14:28

Tgt Ion:112 Resp: 1069417
 Ion Ratio Lower Upper
 112 100
 64 58.0 46.0 69.0
 63 30.3 23.4 35.0





#7

Phenol-d6

Concen: 128.825 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF097834.D

Acq: 18 Aug 2017 14:28

Instrument :

BNA_F

ClientSampleId :

E2-I10-ESW-DUP

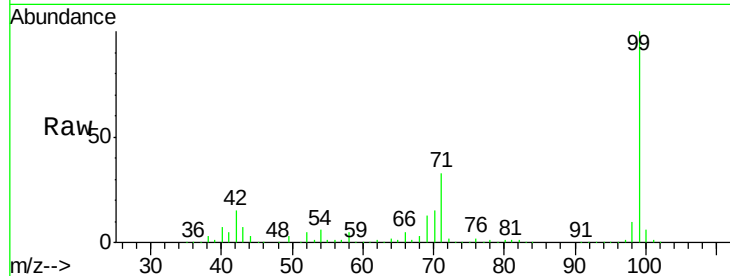
Tgt Ion: 99 Resp: 1421724

Ion Ratio Lower Upper

99 100

42 15.4 13.5 20.3

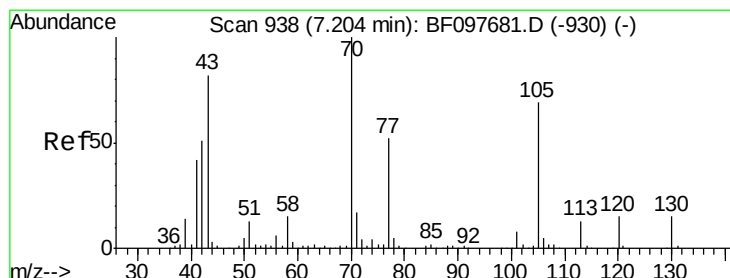
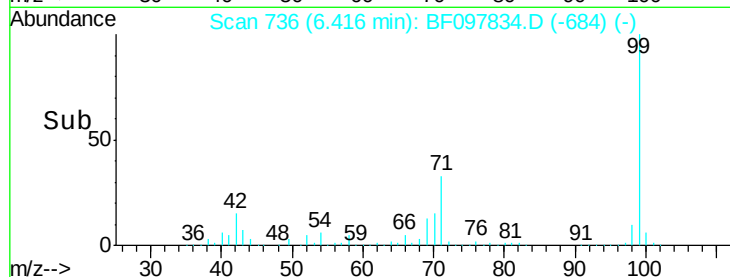
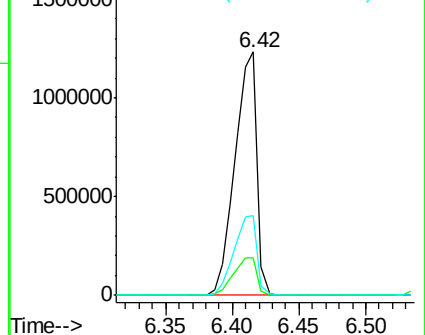
71 32.9 24.5 36.7



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: 15.459 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.14 min

Lab File: BF097834.D

Acq: 18 Aug 2017 14:28

Tgt Ion: 70 Resp: 116790

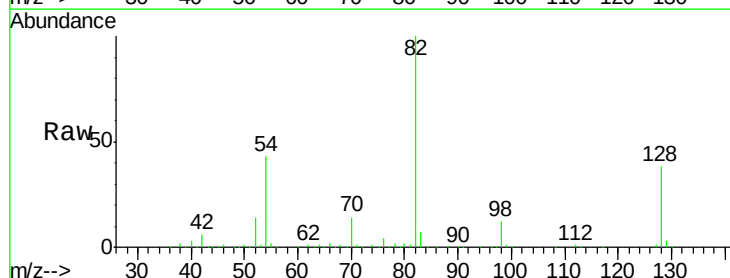
Ion Ratio Lower Upper

70 100

42 41.3 47.2 70.8#

101 0.0 7.2 10.8#

130 1.9 15.9 23.9#

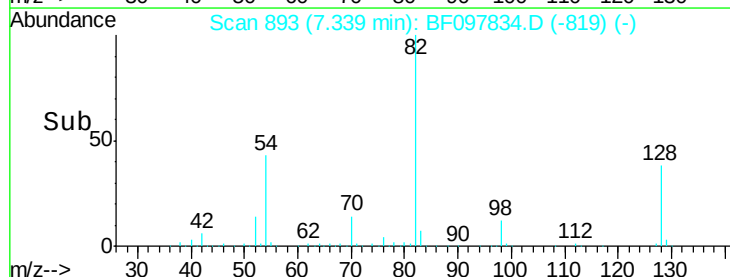
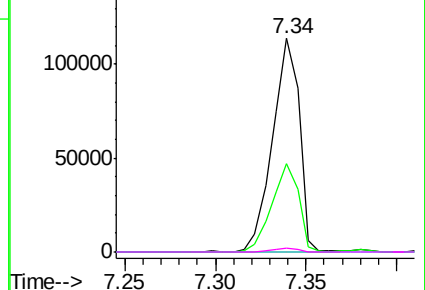


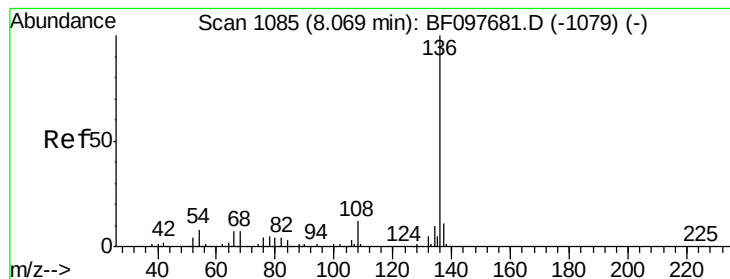
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF097834.D

Acq: 18 Aug 2017 14:28

Instrument :

BNA_F

ClientSampleId :

E2-110-ESW-DUP

Tgt Ion: 136 Resp: 446156

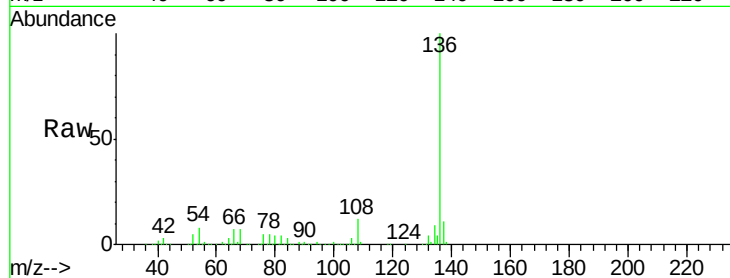
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 8.2 4.9 7.3#

68 7.4 4.1 6.1#

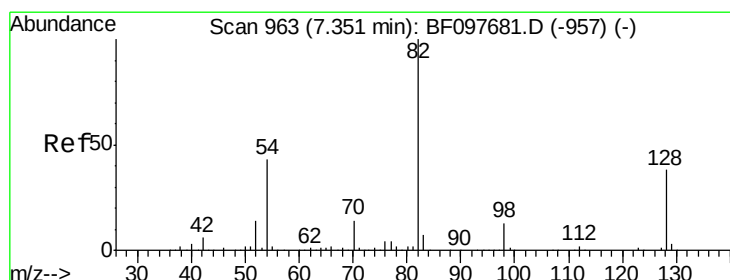
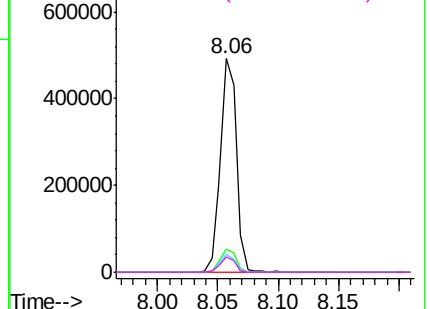
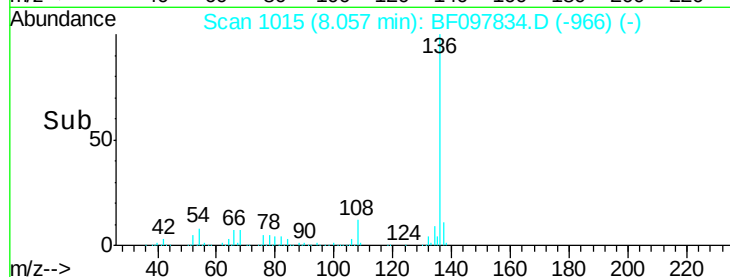


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.310 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.01 min

Lab File: BF097834.D

Acq: 18 Aug 2017 14:28

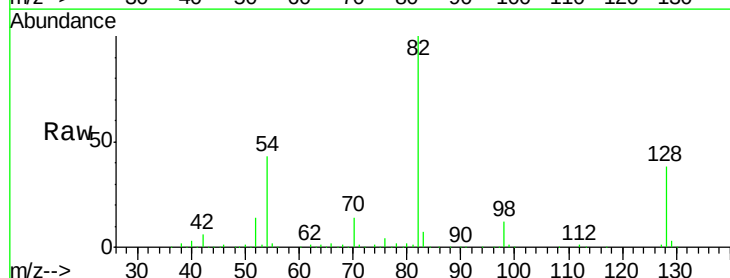
Tgt Ion: 82 Resp: 848463

Ion Ratio Lower Upper

82 100

128 38.0 34.0 51.0

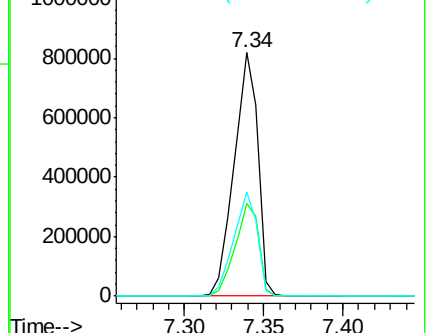
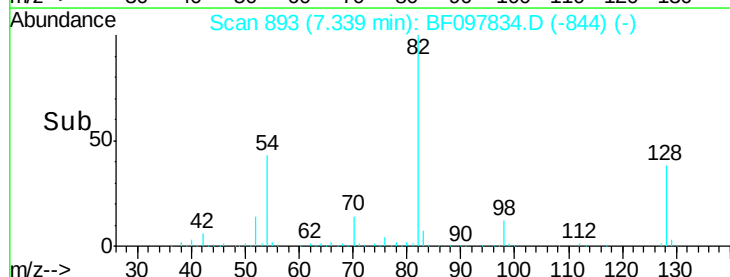
54 42.9 42.2 63.2

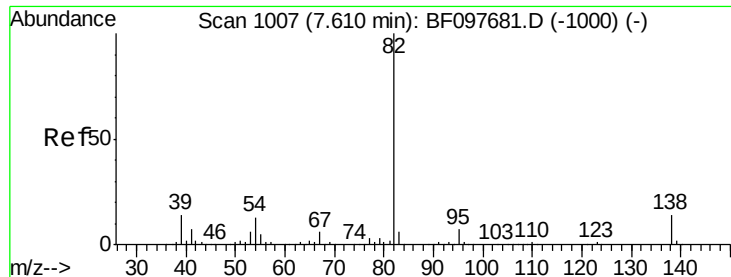


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 49.683 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.27 min

Lab File: BF097834.D

Acq: 18 Aug 2017 14:28

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ClientSampleId :

E2-I10-ESW-DUP

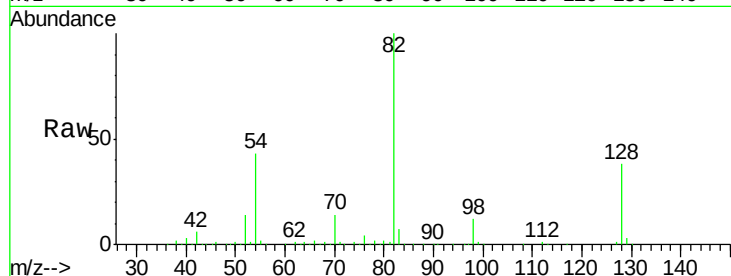
Tgt Ion: 82 Resp: 848453

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

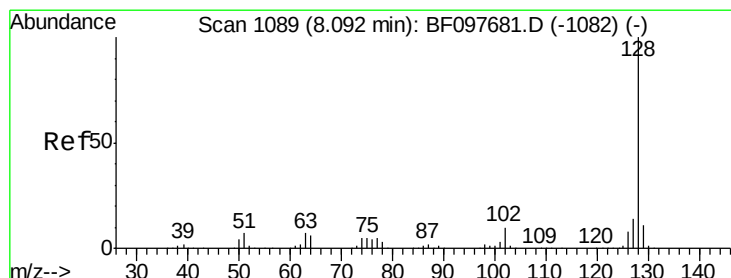
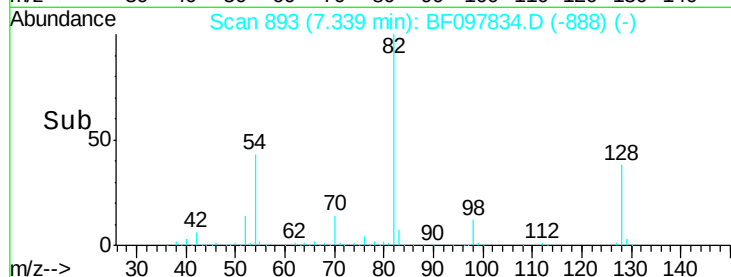
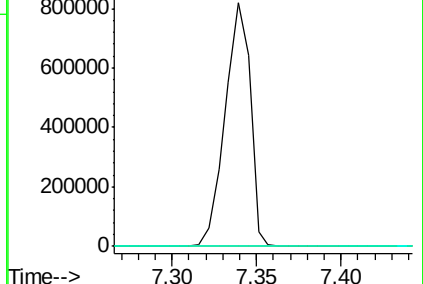
138 0.0 13.1 19.7#



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): E



#31

Naphthalene

Concen: 2.856 ng

RT: 8.08 min Scan# 1019

Delta R.T. -0.01 min

Lab File: BF097834.D

Acq: 18 Aug 2017 14:28

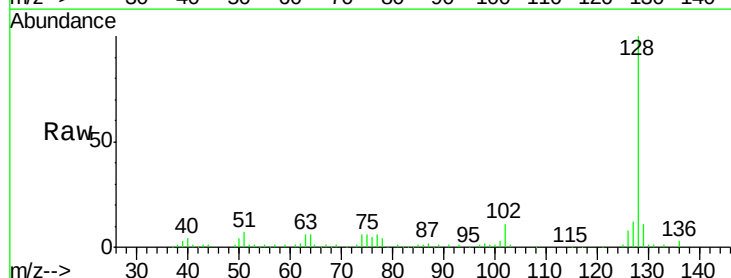
Tgt Ion: 128 Resp: 66152

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.6

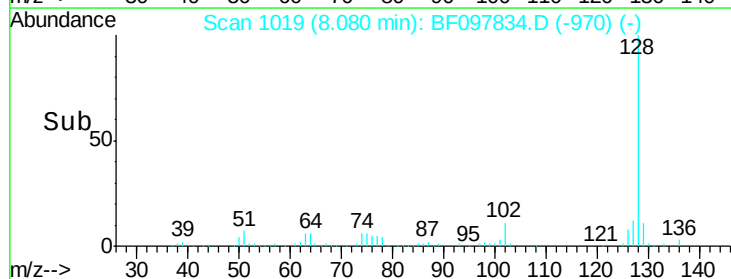
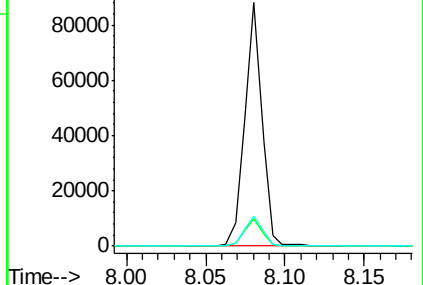
127 12.0 10.8 16.2

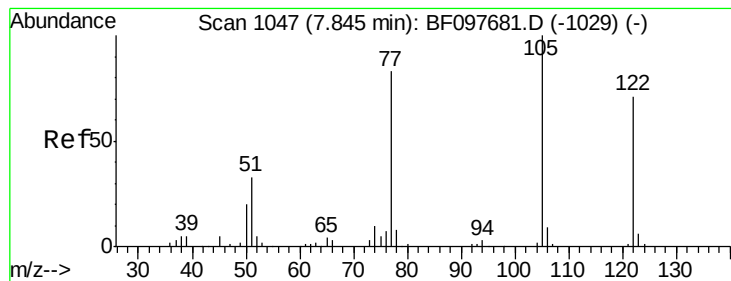


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 6.716 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.00 min

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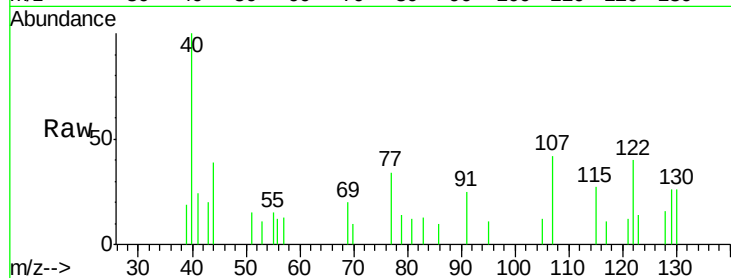
Tgt Ion:122 Resp: 1865

Ion Ratio Lower Upper

122 100

105 29.8 103.3 143.3#

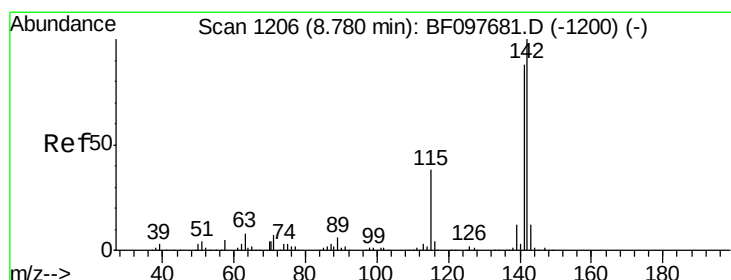
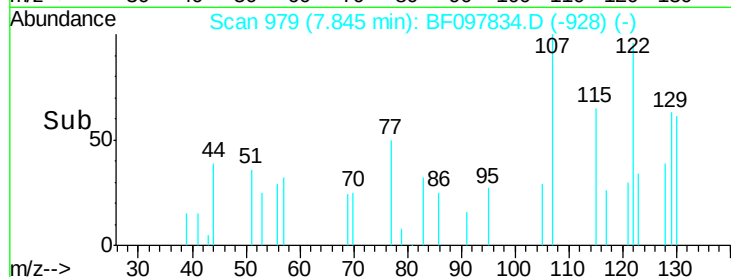
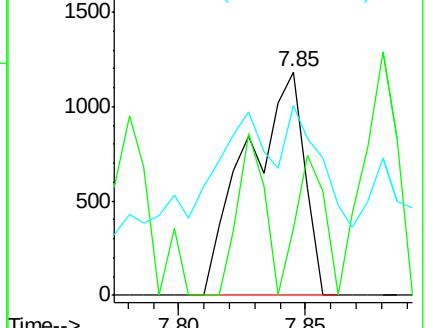
77 85.0 73.7 113.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#37

2-Methylnaphthalene

Concen: 2.074 ng

RT: 8.77 min Scan# 1137

Delta R.T. -0.01 min

Lab File: BF097834.D

Acq: 18 Aug 2017 14:28

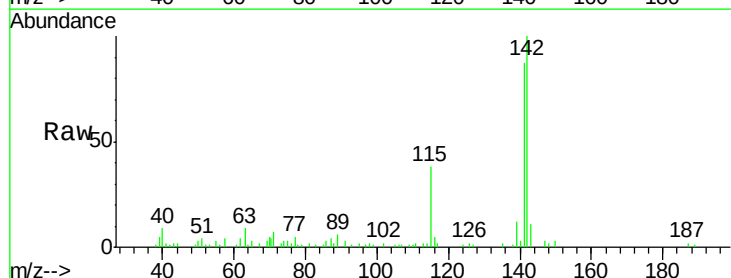
Tgt Ion:142 Resp: 29445

Ion Ratio Lower Upper

142 100

141 86.5 71.3 106.9

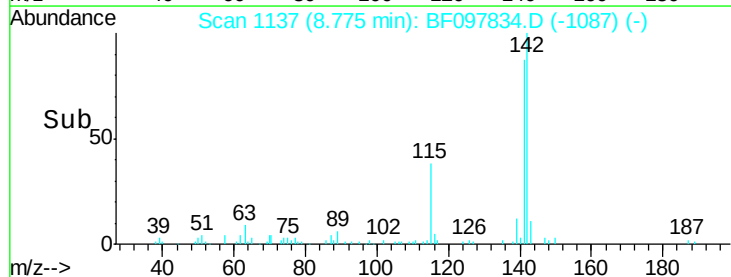
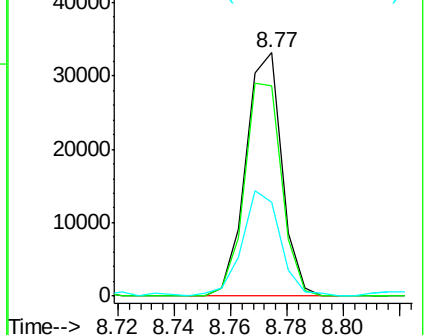
115 38.4 27.1 40.7

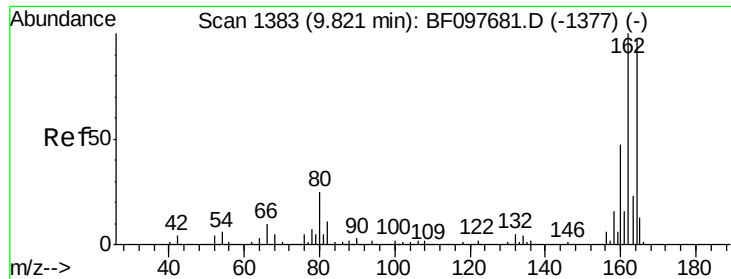


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.01 min

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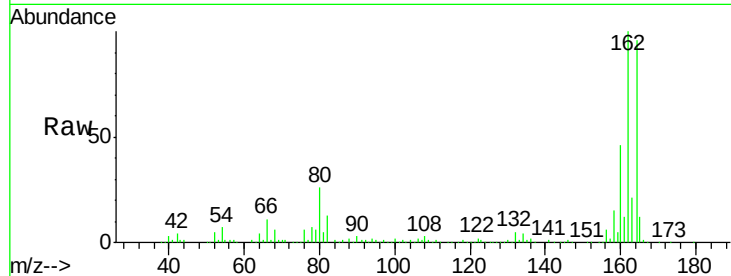
Tgt Ion:164 Resp: 161363

Ion Ratio Lower Upper

164 100

162 104.6 82.6 123.8

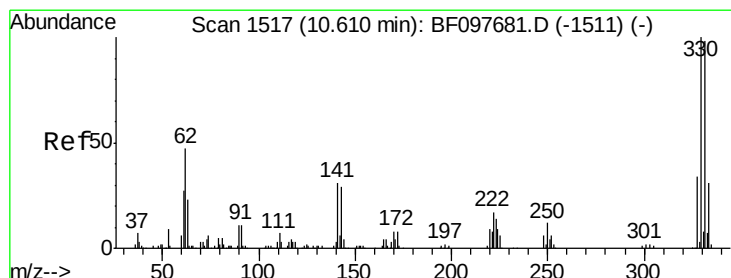
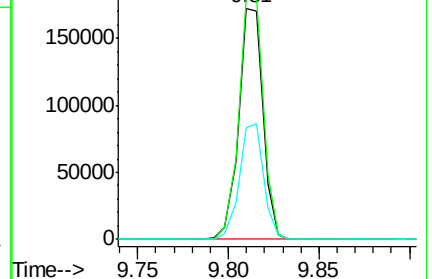
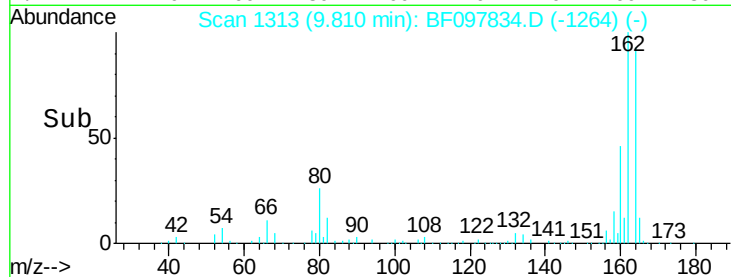
160 48.4 36.2 54.2



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: 128.154 ng

RT: 10.60 min Scan# 1448

Delta R.T. -0.01 min

Lab File: BF097834.D

Acq: 18 Aug 2017 14:28

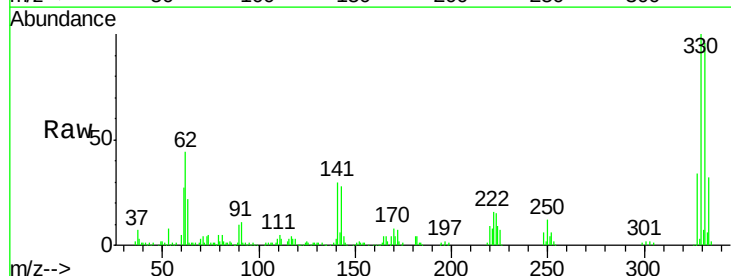
Tgt Ion:330 Resp: 179427

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

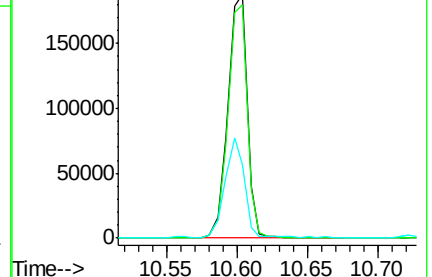
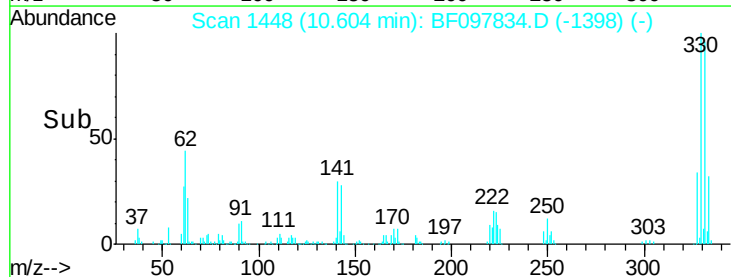
141 40.3 31.4 47.2

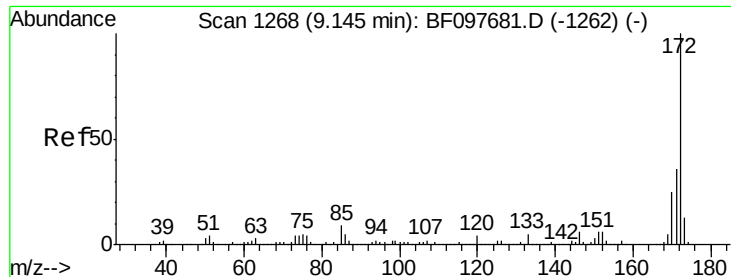


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

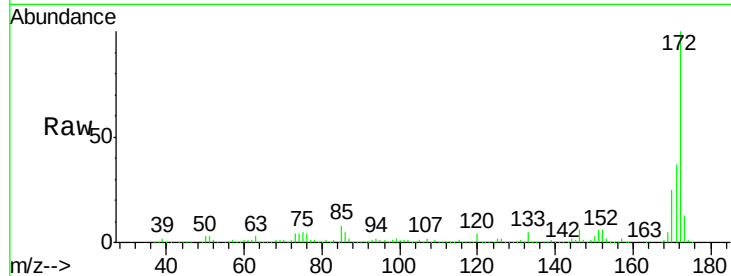




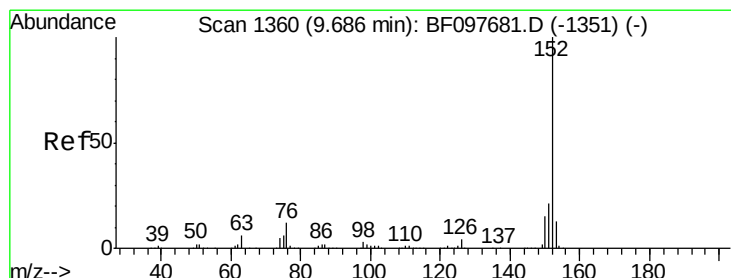
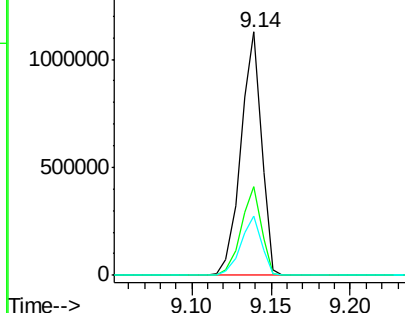
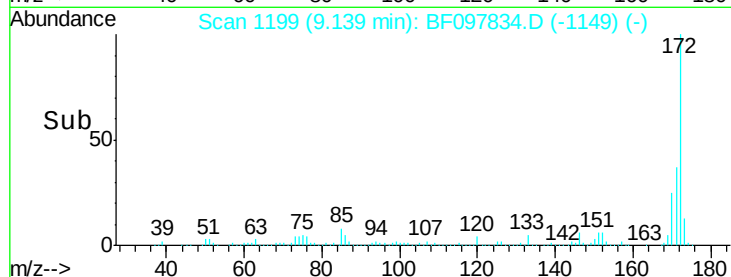
#44
 2-Fluorobiphenyl
 Concen: 92.120 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF097834.D
 Acq: 18 Aug 2017 14:28

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESW-DUP

Tgt Ion:172 Resp: 1011757
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.6 19.8 29.8

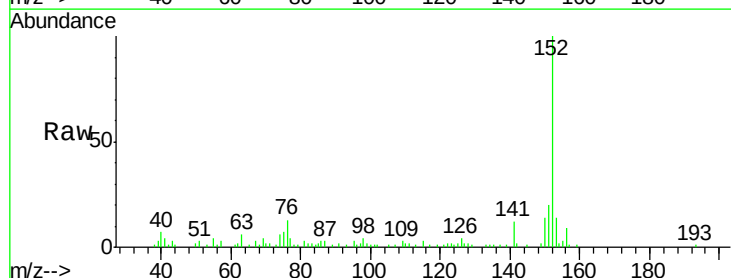


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

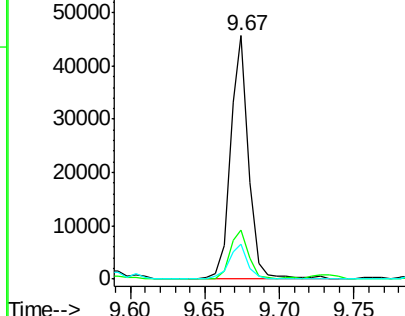
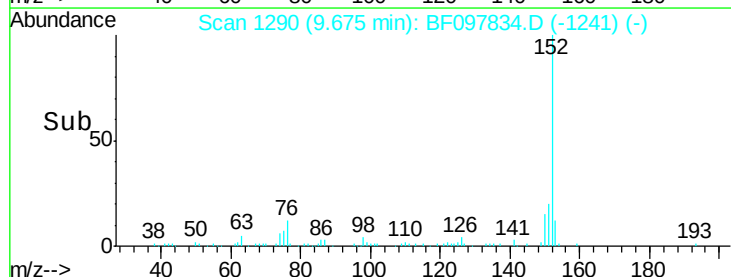


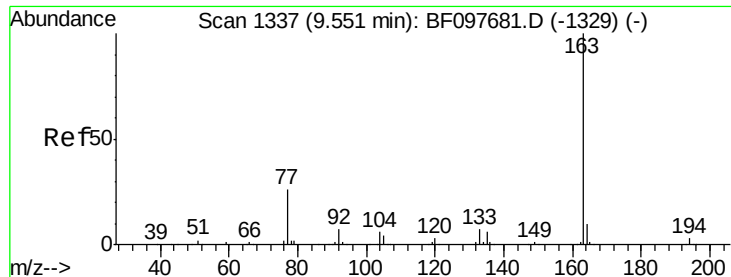
#48
 Acenaphthylene
 Concen: 2.302 ng
 RT: 9.67 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF097834.D
 Acq: 18 Aug 2017 14:28

Tgt Ion:152 Resp: 39308
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.8 25.2
 153 14.1 10.8 16.2



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

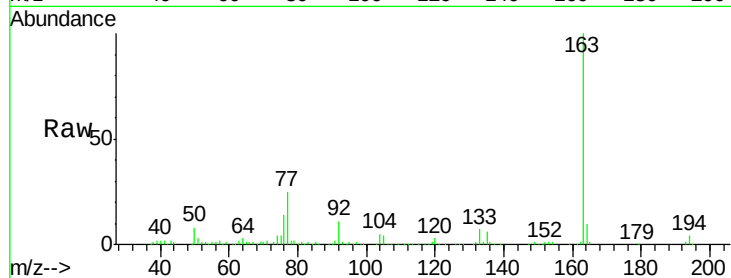




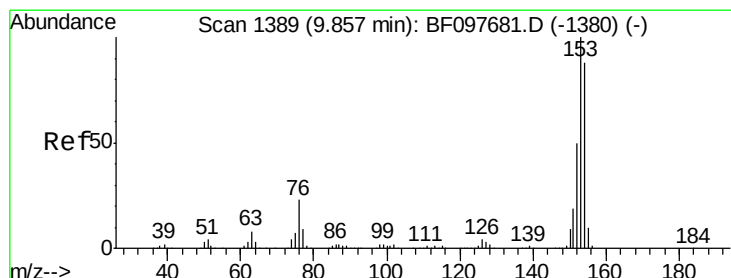
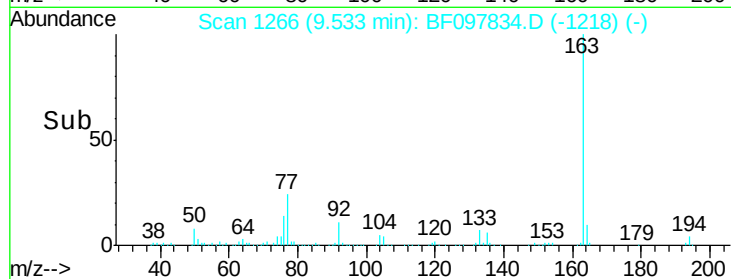
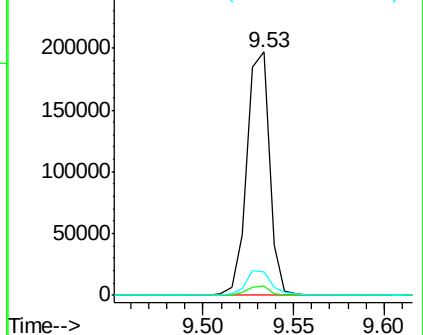
#49
Dimethylphthalate
Concen: 14.556 ng
RT: 9.53 min Scan# 1266
Delta R.T. -0.02 min
Lab File: BF097834.D
Acq: 18 Aug 2017 14:28

Instrument :
BNA_F
ClientSampleId :
E2-110-ESW-DUP

Tgt Ion:163 Resp: 171693
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.7 8.4 12.6

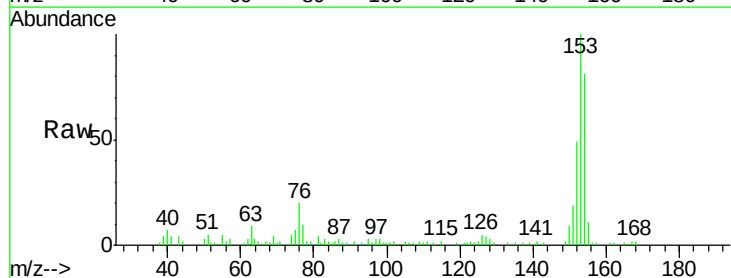


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

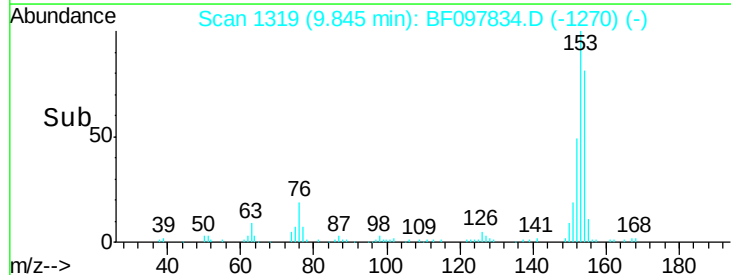
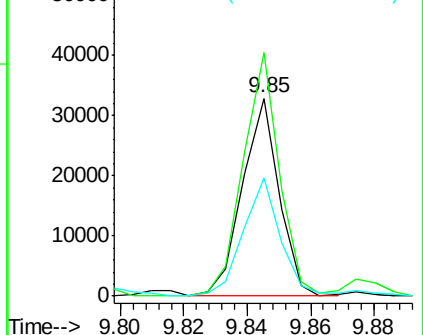


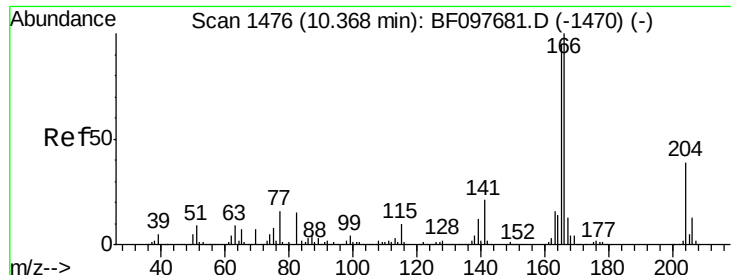
#51
Acenaphthene
Concen: 2.461 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF097834.D
Acq: 18 Aug 2017 14:28

Tgt Ion:154 Resp: 26498
Ion Ratio Lower Upper
154 100
153 122.9 90.5 135.7
152 59.8 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

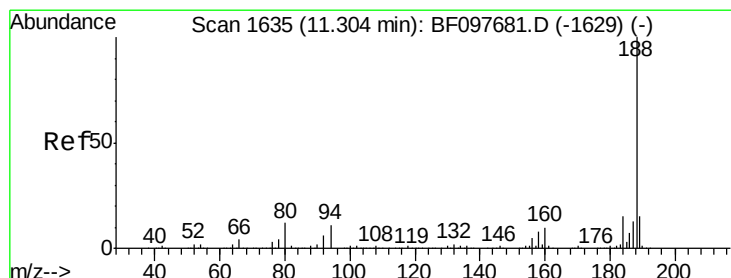
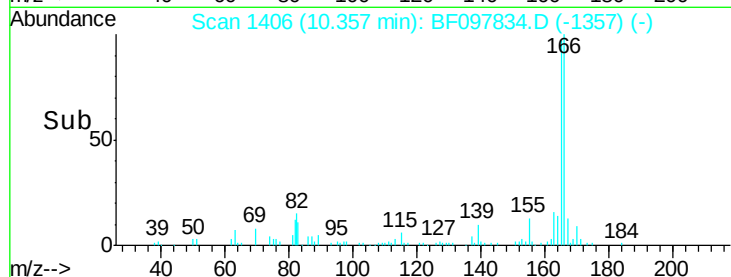
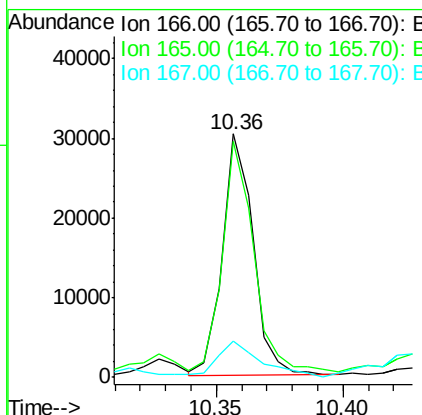
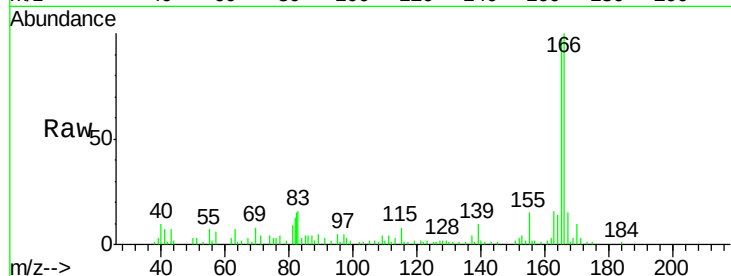




#57
Fluorene
 Concen: 2.296 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. -0.01 min
 Lab File: BF097834.D
 Acq: 18 Aug 2017 14:28

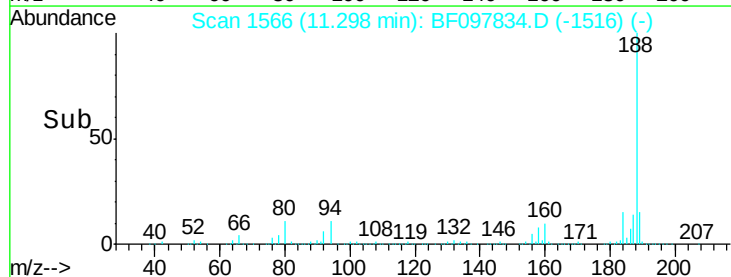
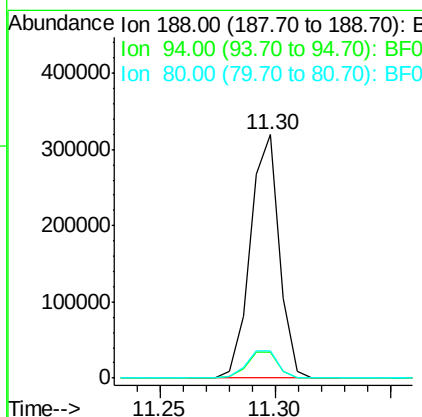
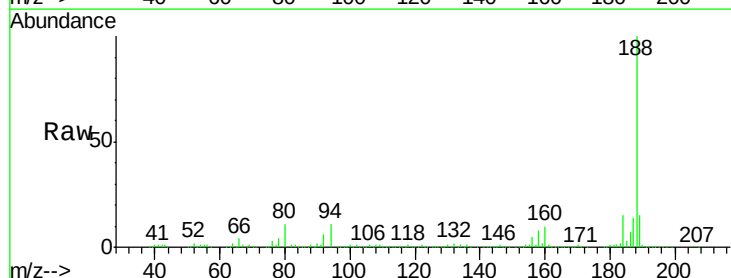
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESW-DUP

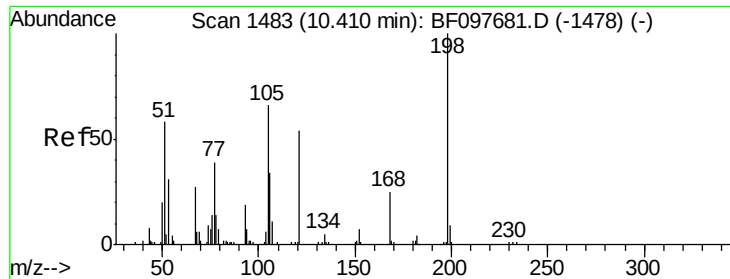
Tgt Ion:166 Resp: 25621
 Ion Ratio Lower Upper
 166 100
 165 97.0 78.8 118.2
 167 14.9 10.6 16.0



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.01 min
 Lab File: BF097834.D
 Acq: 18 Aug 2017 14:28

Tgt Ion:188 Resp: 280558
 Ion Ratio Lower Upper
 188 100
 94 10.7 9.4 14.2
 80 11.3 10.2 15.2

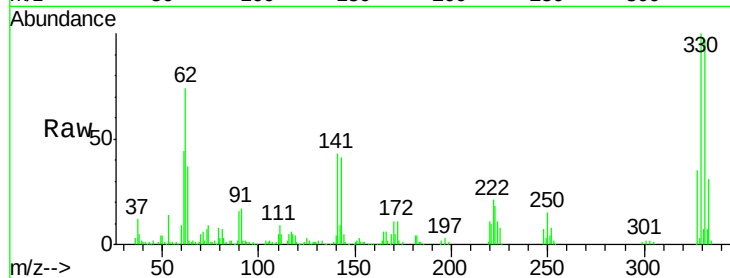




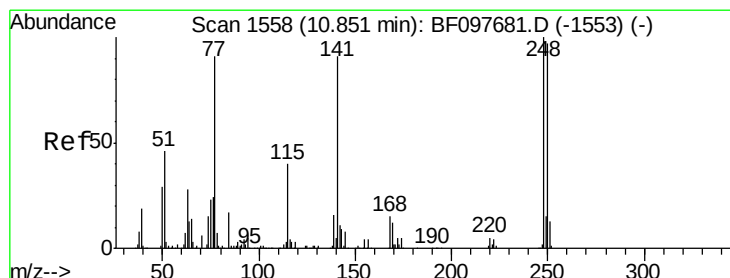
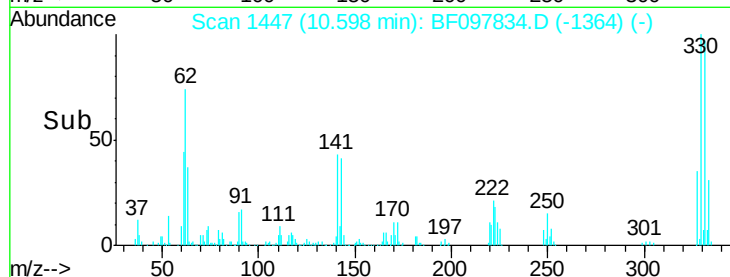
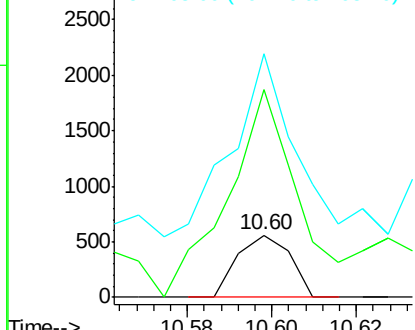
#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.623 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. 0.19 min
 Lab File: BF097834.D
 Acq: 18 Aug 2017 14:28

Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESW-DUP

Tgt Ion:198 Resp: 484
 Ion Ratio Lower Upper
 198 100
 51 334.2 53.2 93.2#
 105 392.8 45.8 85.8#

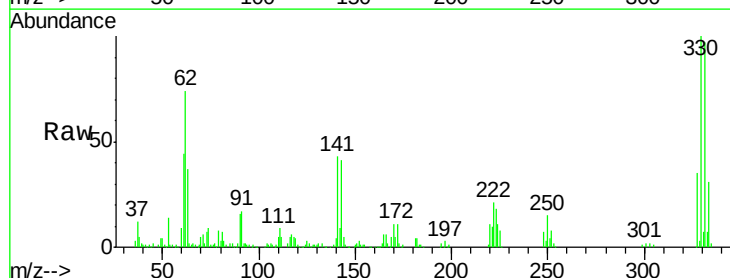


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

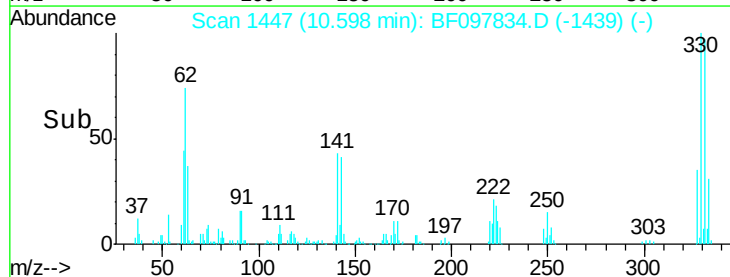
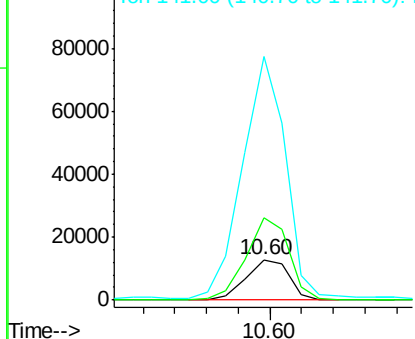


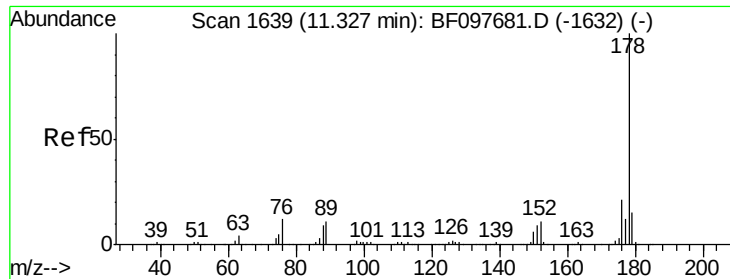
#66
 4-Bromophenyl-phenylether
 Concen: 4.134 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.25 min
 Lab File: BF097834.D
 Acq: 18 Aug 2017 14:28

Tgt Ion:248 Resp: 12043
 Ion Ratio Lower Upper
 248 100
 250 203.0 76.8 115.2#
 141 603.2 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

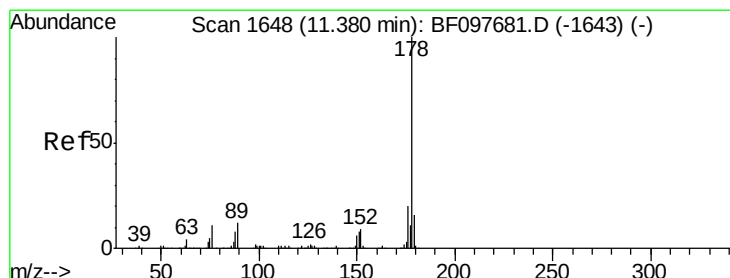
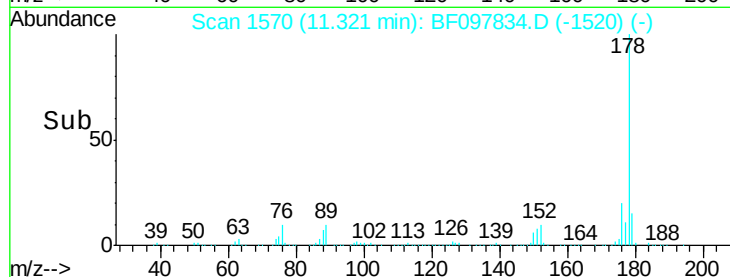
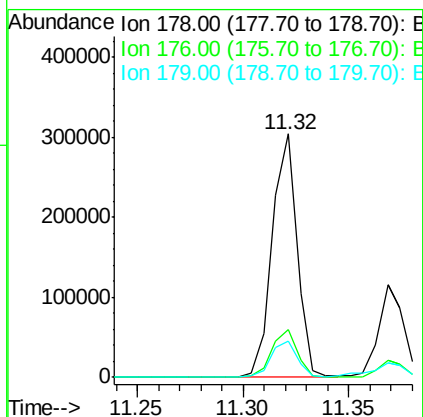
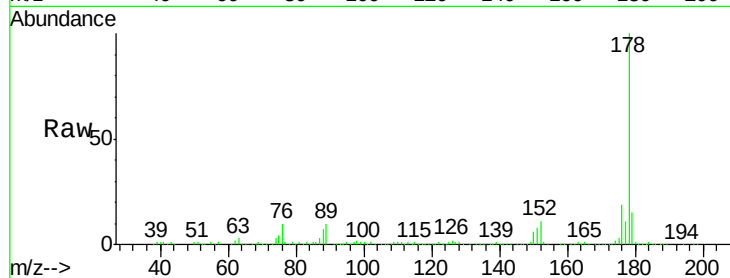




#70
Phenanthrene
Concen: 16.776 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF097834.D
Acq: 18 Aug 2017 14:28

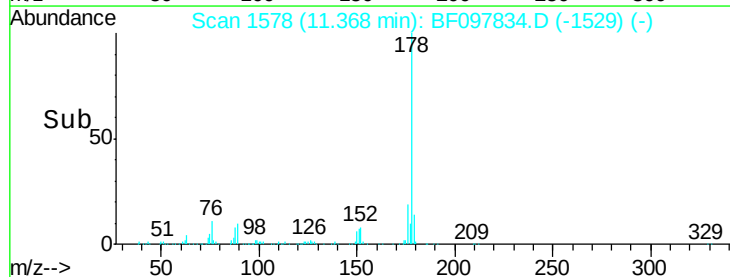
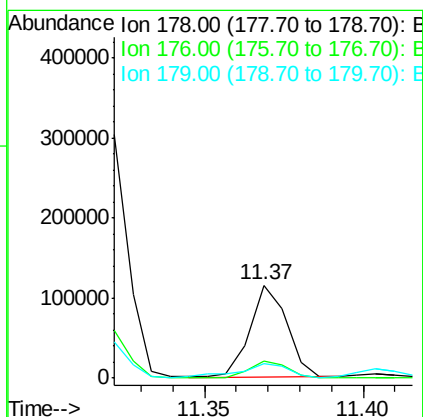
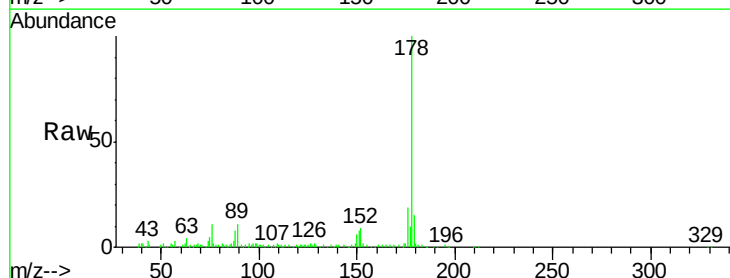
Instrument :
BNA_F
ClientSampleId :
E2-110-ESW-DUP

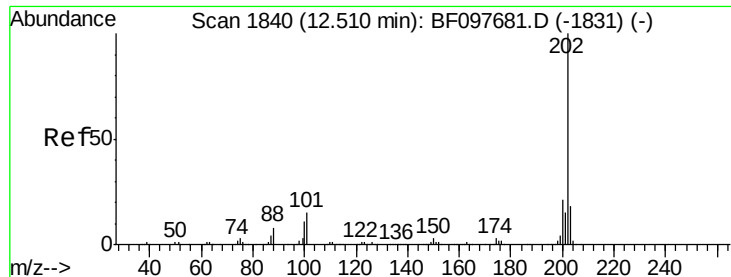
Tgt Ion:178 Resp: 250811
Ion Ratio Lower Upper
178 100
176 19.5 16.2 24.4
179 15.1 12.6 19.0



#71
Anthracene
Concen: 6.197 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF097834.D
Acq: 18 Aug 2017 14:28

Tgt Ion:178 Resp: 93965
Ion Ratio Lower Upper
178 100
176 18.5 15.8 23.8
179 14.9 12.7 19.1





#74

Fluoranthene

Concen: 31.703 ng

RT: 12.51 min Scan# 1772

Delta R.T. 0.00 min

Lab File: BF097834.D

Acq: 18 Aug 2017 14:28

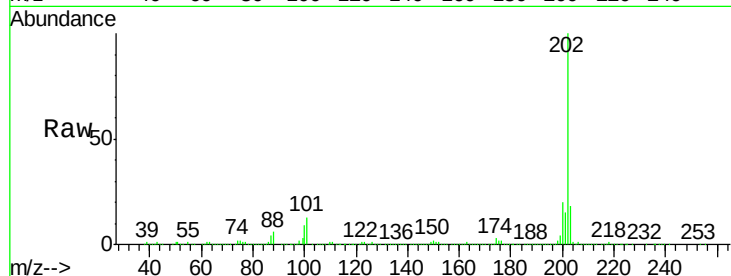
Instrument :

BNA_F

ClientSampleId :

E2-110-ESW-DUP

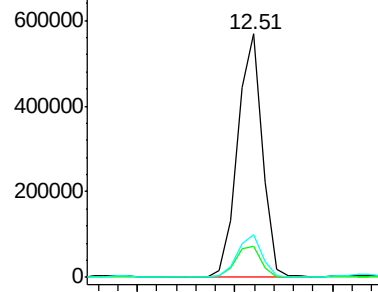
Tgt Ion:	202	Resp:	494701
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	33.2
203	17.8	0.0	38.1



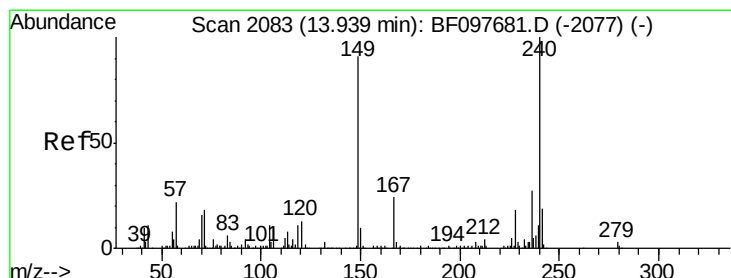
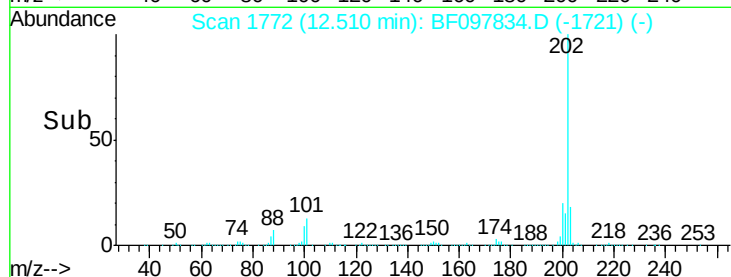
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

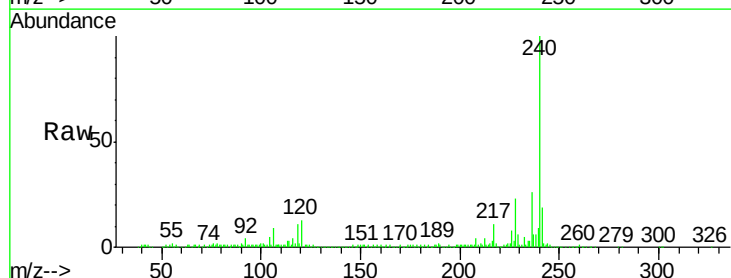
RT: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097834.D

Acq: 18 Aug 2017 14:28

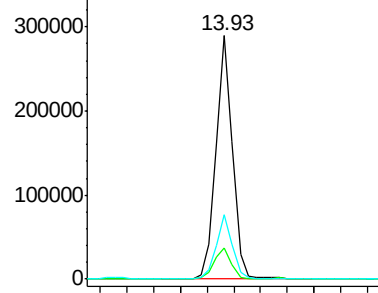
Tgt Ion:	240	Resp:	246780
Ion	Ratio	Lower	Upper
240	100		
120	13.0	5.8	8.8#
236	26.3	20.5	30.7



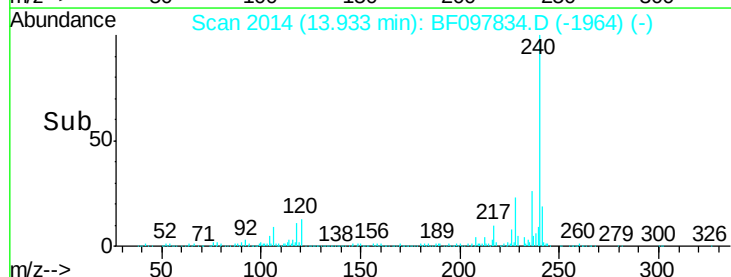
Abundance Ion 240.00 (239.70 to 240.70): E

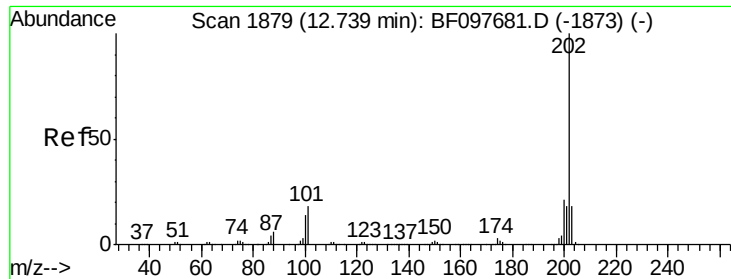
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->

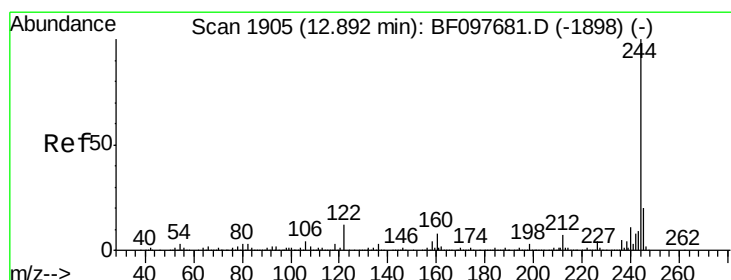
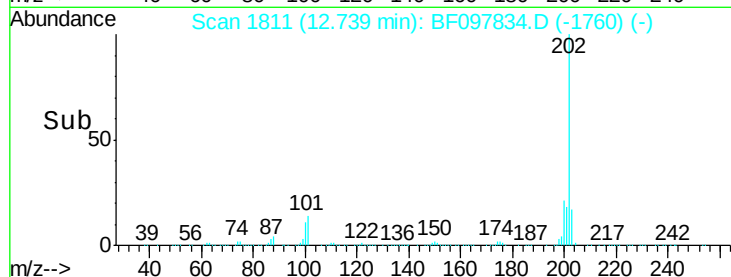
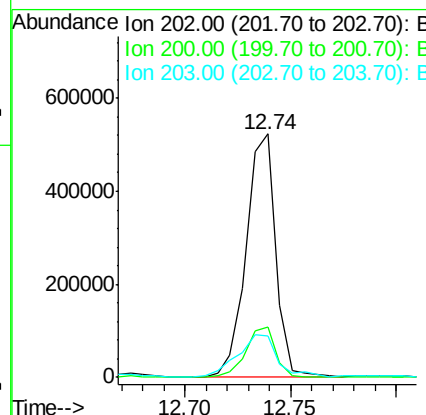
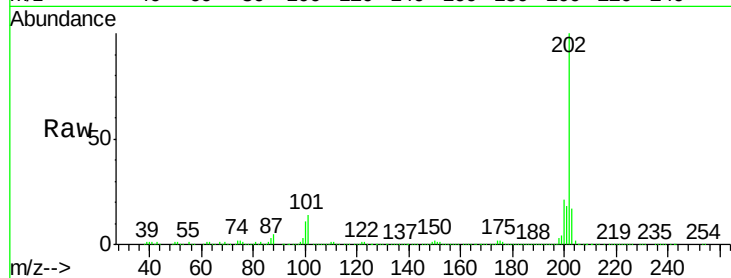




#77
 Pyrene
 Concen: 25.086 ng
 RT: 12.74 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: BF097834.D
 Acq: 18 Aug 2017 14:28

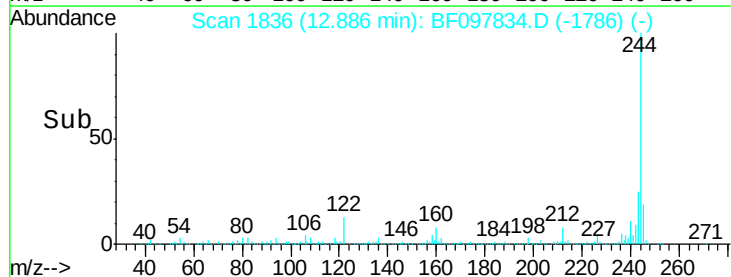
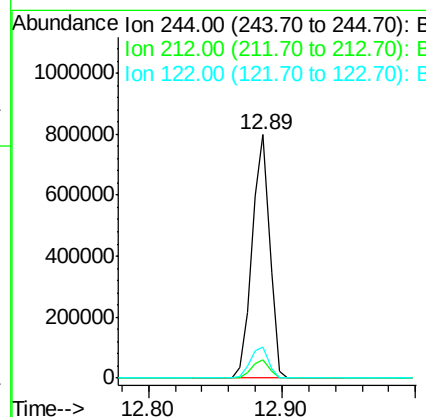
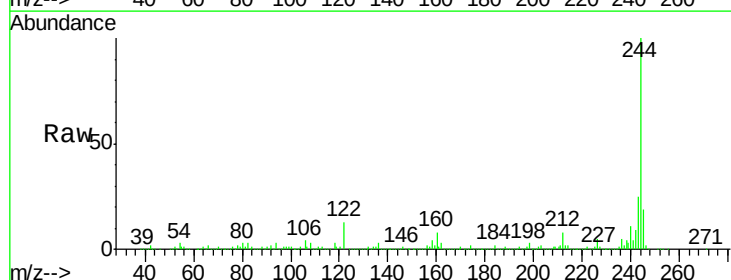
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESW-DUP

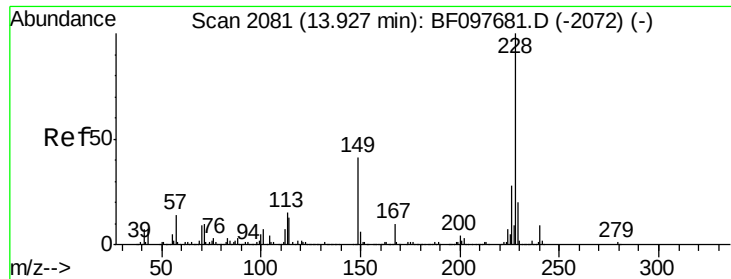
Tgt Ion: 202 Resp: 506332
 Ion Ratio Lower Upper
 202 100
 200 20.8 17.6 26.4
 203 17.1 14.4 21.6



#78
 Terphenyl-d14
 Concen: 60.449 ng
 RT: 12.89 min Scan# 1836
 Delta R.T. -0.01 min
 Lab File: BF097834.D
 Acq: 18 Aug 2017 14:28

Tgt Ion: 244 Resp: 715353
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 12.8 10.3 15.5





#80

Benzo(a)anthracene

Concen: 19.339 ng

RT: 13.92 min Scan# 2012

Delta R.T. -0.01 min

Lab File: BF097834.D

Acq: 18 Aug 2017 14:28

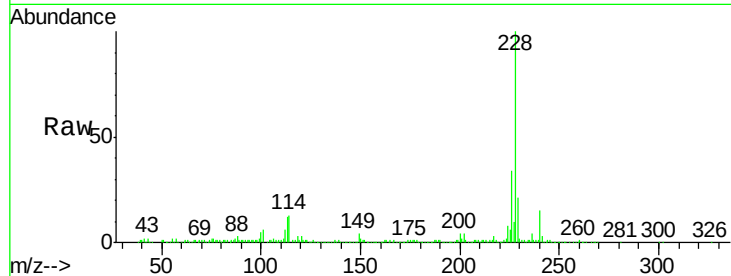
Instrument :

BNA_F

ClientSampleId :

E2-I10-ESW-DUP

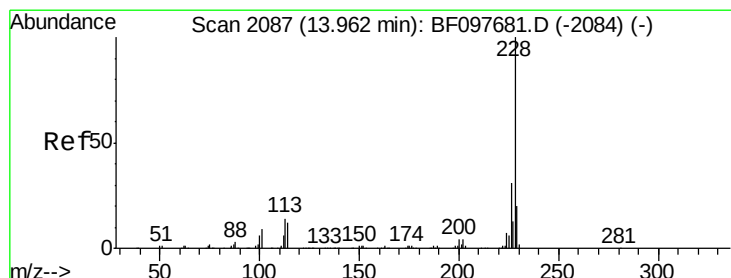
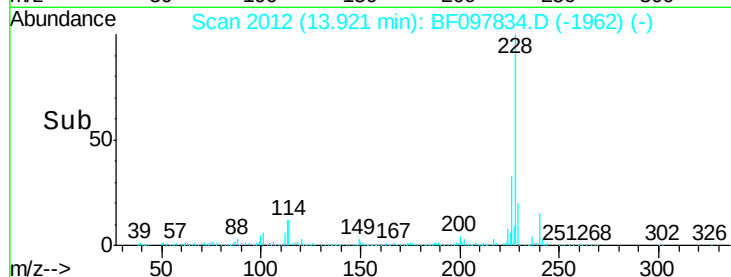
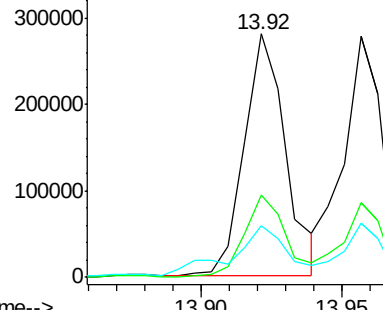
Tgt Ion:	228	Resp:	286032
Ion	Ratio	Lower	Upper
228	100		
226	33.7	22.6	33.8
229	21.1	16.3	24.5



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: 17.991 ng

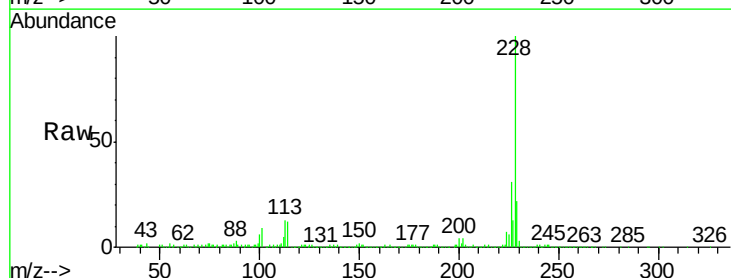
RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF097834.D

Acq: 18 Aug 2017 14:28

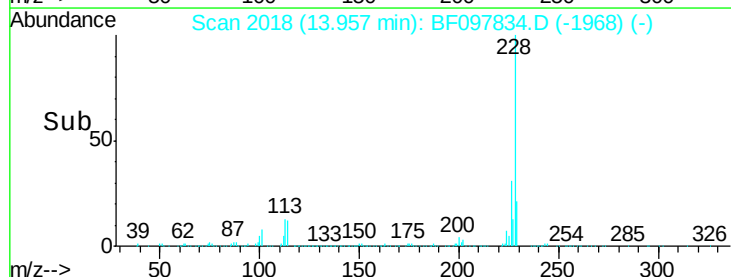
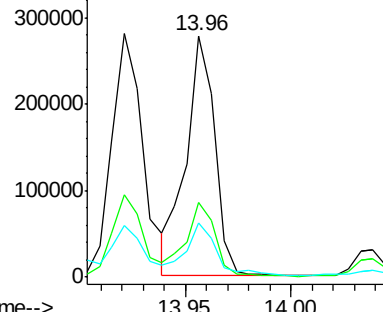
Tgt Ion:	228	Resp:	264710
Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.9	37.3
229	22.5	15.8	23.6

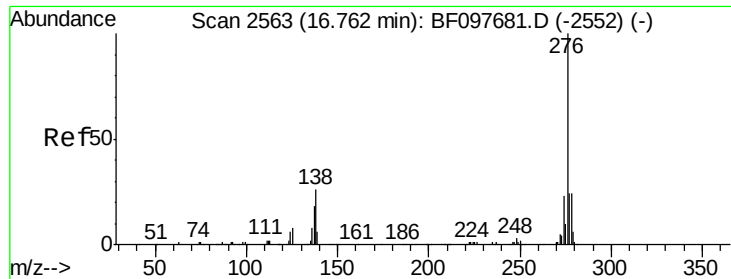


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

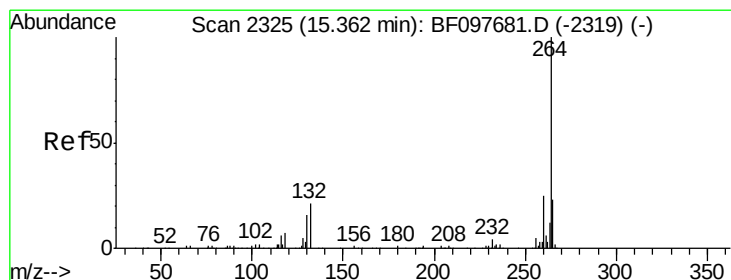
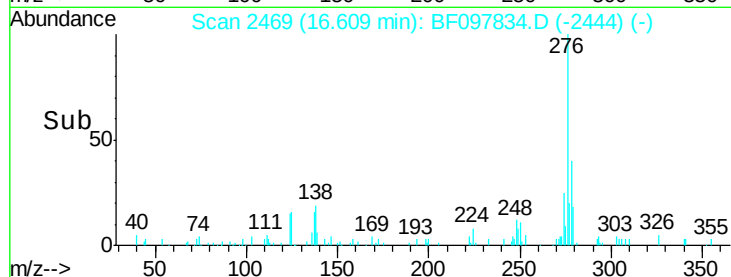
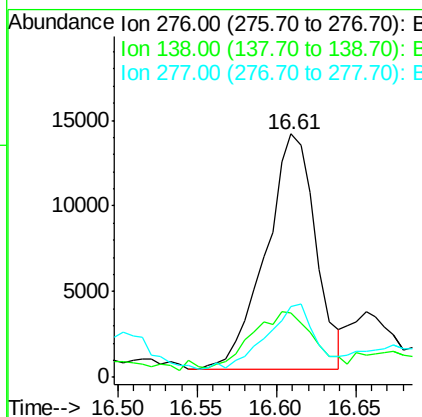
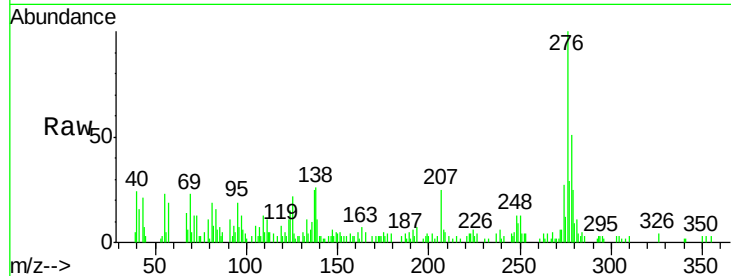




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 2.783 ng
 RT: 16.61 min Scan# 2469
 Delta R.T. -0.15 min
 Lab File: BF097834.D
 Acq: 18 Aug 2017 14:28

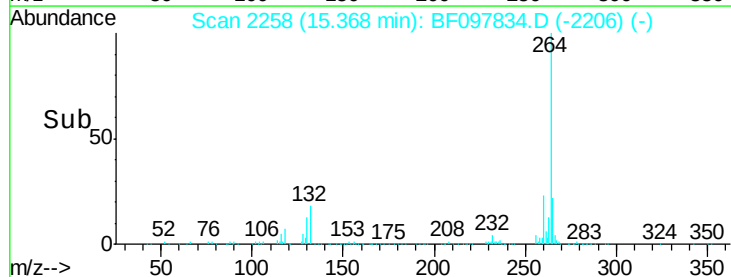
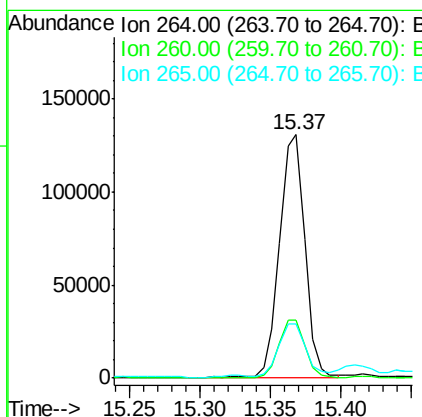
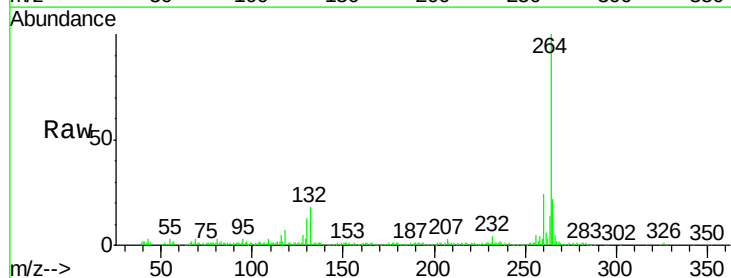
Instrument :
 BNA_F
 ClientSampleId :
 E2-110-ESW-DUP

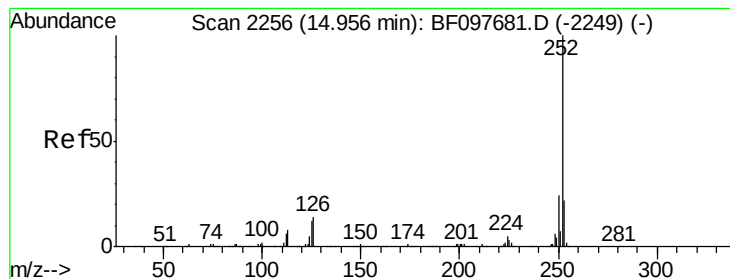
Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.4	27.8	41.6
277	27.3	20.2	30.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.37 min Scan# 2258
 Delta R.T. 0.01 min
 Lab File: BF097834.D
 Acq: 18 Aug 2017 14:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.5	29.3
265	22.2	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 45.651 ng

RT: 14.96 min Scan# 2188

Delta R.T. 0.00 min

Lab File: BF097834.D

Acq: 18 Aug 2017 14:28

Instrument :

BNA_F

ClientSampleId :

E2-I10-ESW-DUP

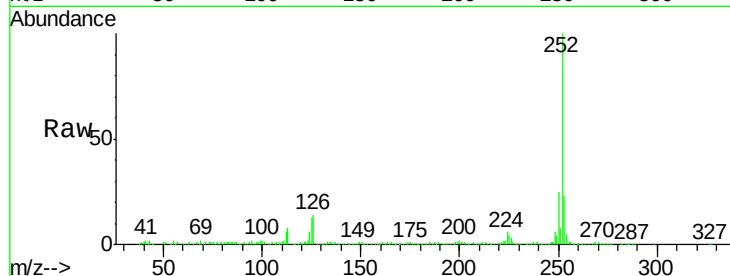
Tgt Ion:252 Resp: 475630

Ion Ratio Lower Upper

252 100

253 23.5 18.1 27.1

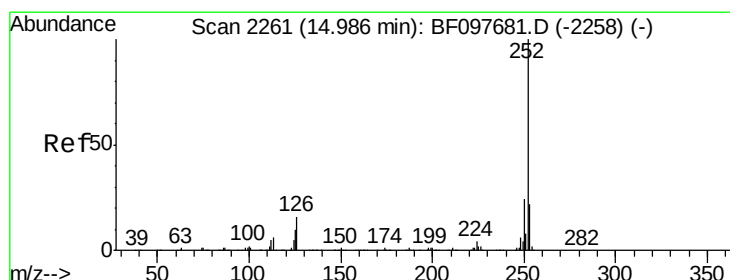
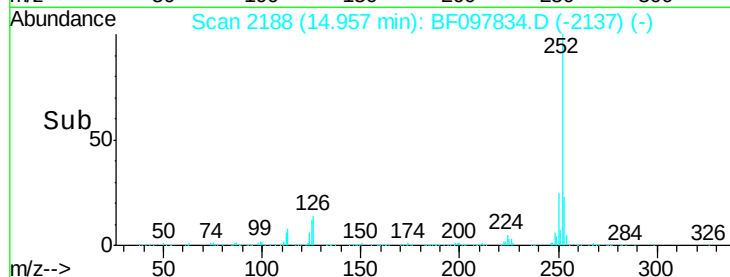
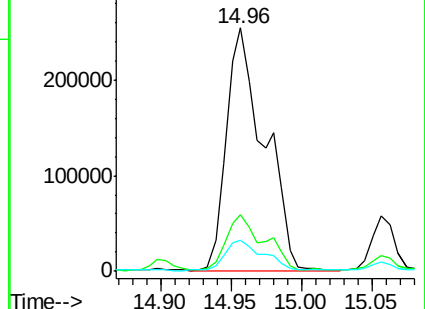
125 12.5 9.8 14.8



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: 18.426 ng

RT: 15.24 min Scan# 2237

Delta R.T. 0.26 min

Lab File: BF097834.D

Acq: 18 Aug 2017 14:28

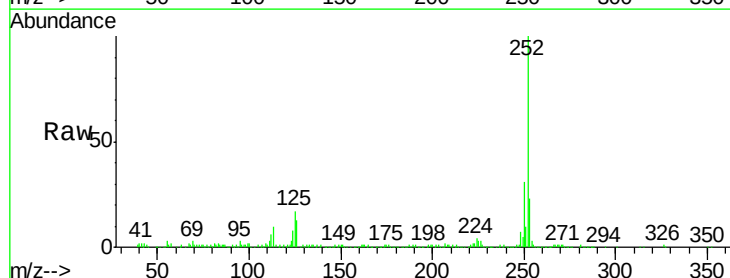
Tgt Ion:252 Resp: 180364

Ion Ratio Lower Upper

252 100

253 22.6 18.4 27.6

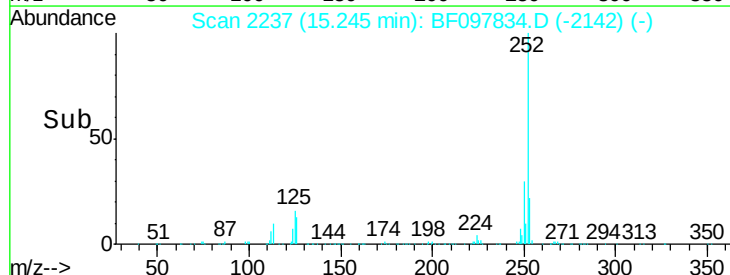
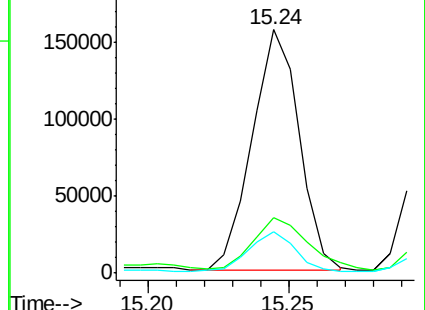
125 17.1 13.1 19.7

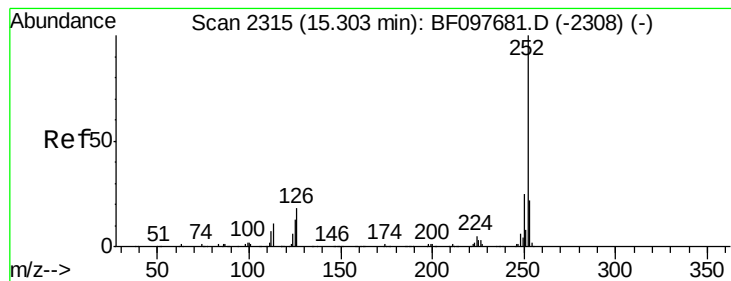


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 27.740 ng

RT: 15.30 min Scan# 2247

Delta R.T. 0.00 min

Lab File: BF097834.D

Acq: 18 Aug 2017 14:28

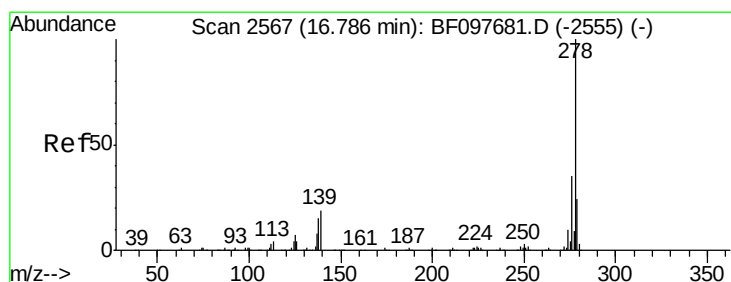
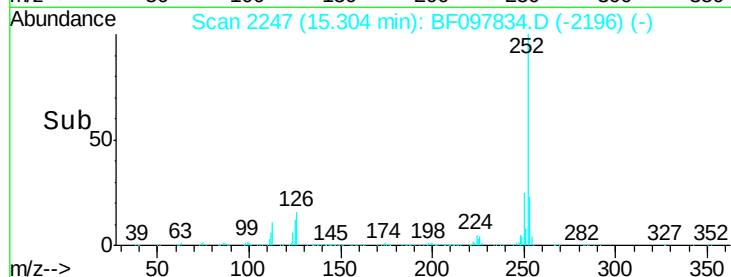
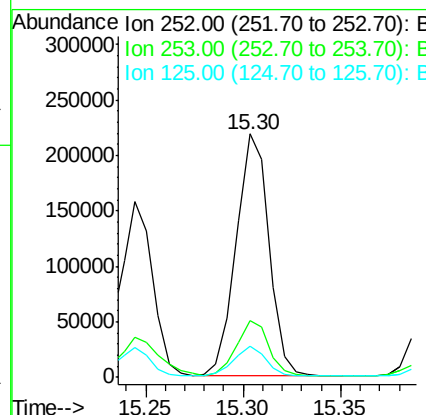
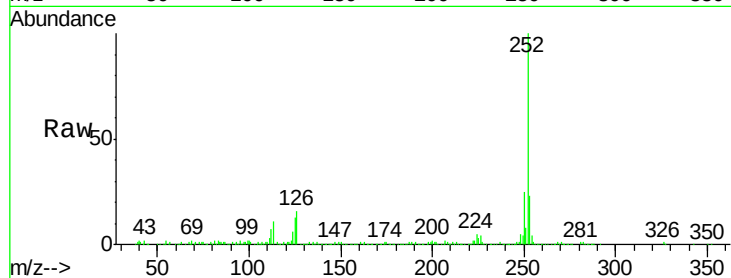
Instrument :

BNA_F

ClientSampleId :

E2-110-ESW-DUP

Tgt Ion:	252	Resp:	255857
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	12.6	11.0	16.4



#90

Dibenzo(a,h)anthracene

Concen: 5.074 ng

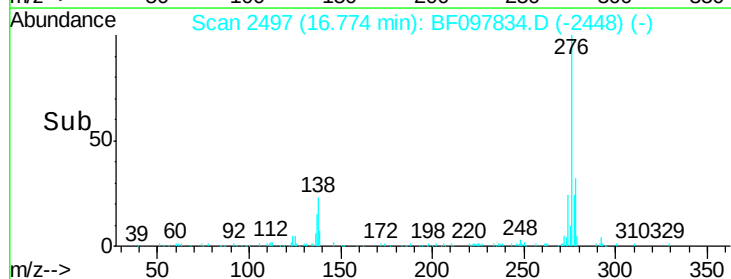
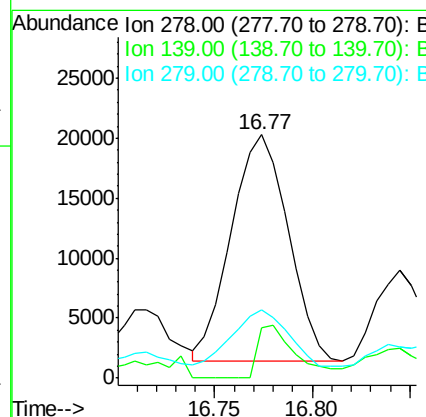
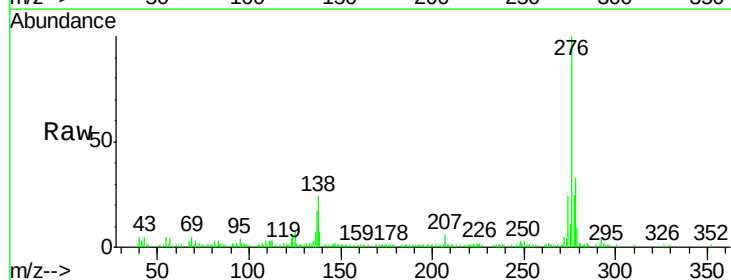
RT: 16.77 min Scan# 2497

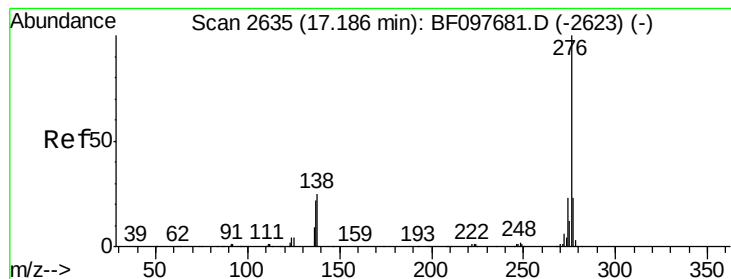
Delta R.T. -0.01 min

Lab File: BF097834.D

Acq: 18 Aug 2017 14:28

Tgt Ion:	278	Resp:	38103
Ion	Ratio	Lower	Upper
278	100		
139	20.8	16.6	24.8
279	28.0	19.3	28.9





#91

Benzo(g,h,i)perylene

Concen: 20.848 ng

RT: 17.19 min Scan# 2567

Delta R.T. 0.00 min

Lab File: BF097834.D

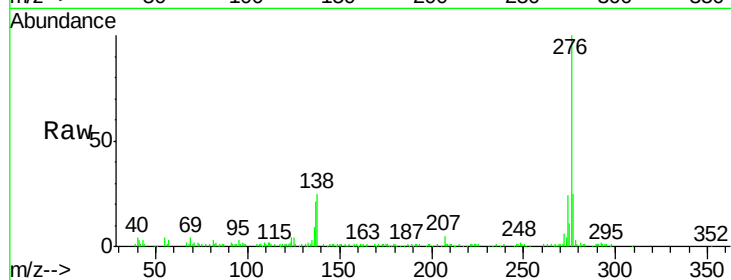
Acq: 18 Aug 2017 14:28

Instrument :

BNA_F

ClientSampleId :

E2-I10-ESW-DUP



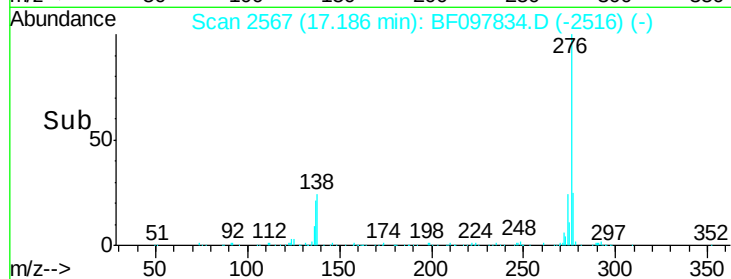
Tgt Ion: 276 Resp: 163347

Ion Ratio Lower Upper

276 100

277 25.4 18.6 28.0

138 24.8 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

