

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071117\
 Data File : BF096676.D
 Acq On : 12 Jul 2017 7:00
 Operator : SJ/JU
 Sample : I4130-12
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-SSW

Quant Time: Jul 12 08:31:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	102213	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	446457	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	151471	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	218298	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	165986	20.00	ng	0.00
86) Perylene-d12	15.26	264	106366	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.30	112	628512	90.76	ng	-0.01
7) Phenol-d6	6.33	99	763864	89.72	ng	-0.02
23) Nitrobenzene-d5	7.25	82	446235	60.06	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	121362	102.57	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	730944	82.51	ng	-0.02
78) Terphenyl-d14	12.79	244	442070	56.91	ng	-0.01

Target Compounds

						Qvalue
9) Benzaldehyde	6.23	77	28797	5.405	ng	99
10) Phenol	6.34	94	19956	2.058	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	58711	11.576	ng	# 88
25) Isophorone	7.25	82	442378	30.709	ng	# 67
49) Dimethylphthalate	9.44	163	465284	41.149	ng	100
50) 2,6-Dinitrotoluene	9.44	165	5035	2.014	ng	# 1
51) Acenaphthene	9.75	154	25105	2.658	ng	97
57) Fluorene	10.26	166	26383	2.995	ng	99
66) 4-Bromophenyl-phenylether	10.50	248	7899	3.717	ng	# 1
70) Phenanthrene	11.22	178	494088	41.869	ng	99
71) Anthracene	11.27	178	108414	9.015	ng	98
72) Carbazole	11.43	167	57069	4.719	ng	97
74) Fluoranthene	12.42	202	665997	57.563	ng	97
77) Pyrene	12.64	202	684649	51.388	ng	98
79) Butylbenzylphthalate	13.26	149	22481	3.333	ng	# 43
80) Benzo(a)anthracene	13.83	228	287935	29.956	ng	99
82) Chrysene	13.87	228	304442	30.245	ng	98
85) Indeno(1,2,3-cd)pyrene	16.60	276	105598	13.290	ng	97
87) Benzo(b)fluoranthene	14.86	252	286440	42.978	ng	# 88
88) Benzo(k)fluoranthene	14.86	252	286440	48.046	ng	# 92
89) Benzo(a)pyrene	15.20	252	154662	25.992	ng	# 88
90) Dibenzo(a,h)anthracene	16.61	278	28253	6.035	ng	# 67
91) Benzo(g,h,i)perylene	17.01	276	99169	20.444	ng	94

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

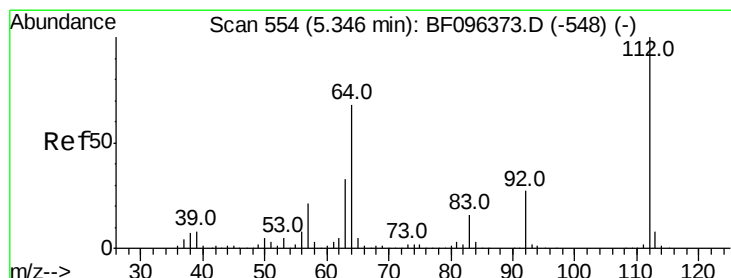
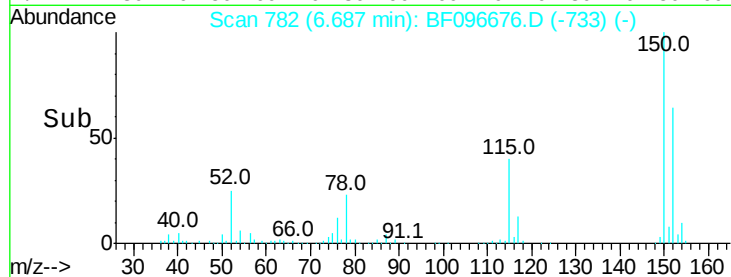
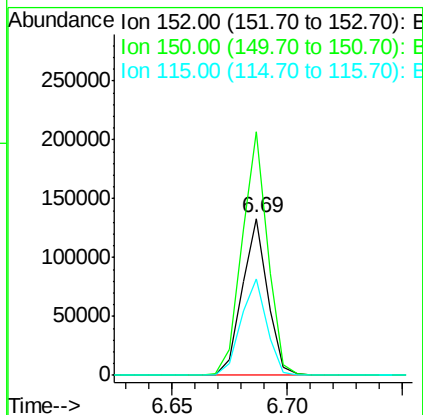
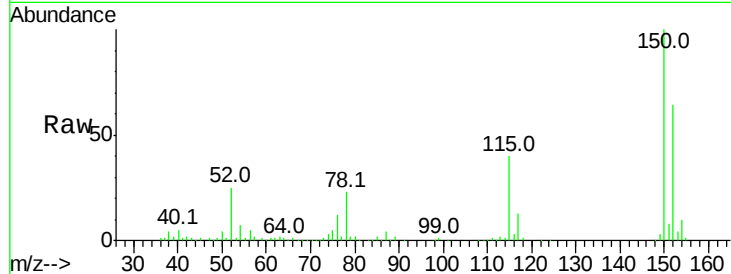


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.69 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF096676.D
 Acq: 12 Jul 2017 7:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-SSW

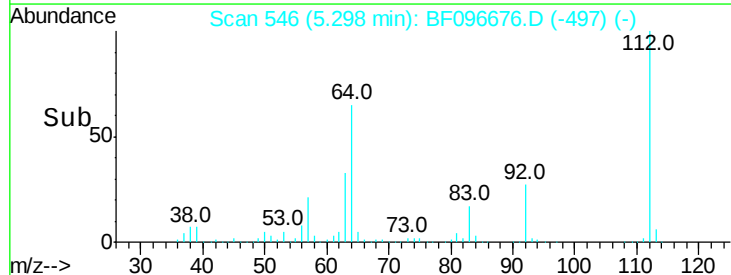
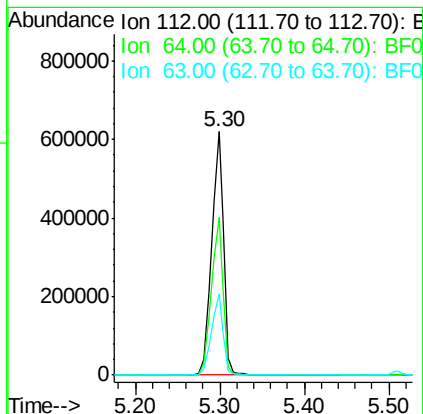
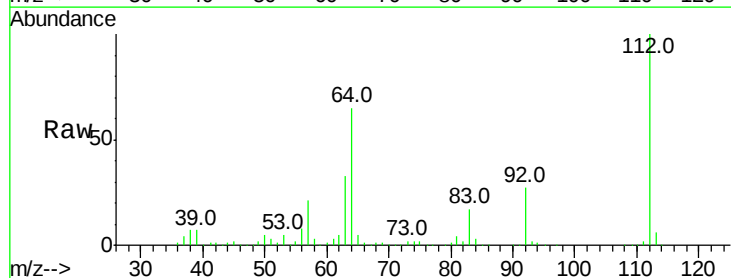
Tot Ion:152 Resp: 102213
 Ion Ratio Lower Upper
 152 100
 150 155.2 126.2 189.2
 115 61.6 52.2 78.2



#5

2-Fluorophenol
 Concen: 90.758 ng
 RT: 5.30 min Scan# 546
 Delta R.T. -0.01 min
 Lab File: BF096676.D
 Acq: 12 Jul 2017 7:00

Tgt Ion:112 Resp: 628512
 Ion Ratio Lower Upper
 112 100
 64 65.1 46.0 69.0
 63 33.2 23.4 35.0





#7

Phenol-d6

Concen: 89.723 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

Instrument :

BNA_F

ClientSampleId :

E2-HS2-SSW

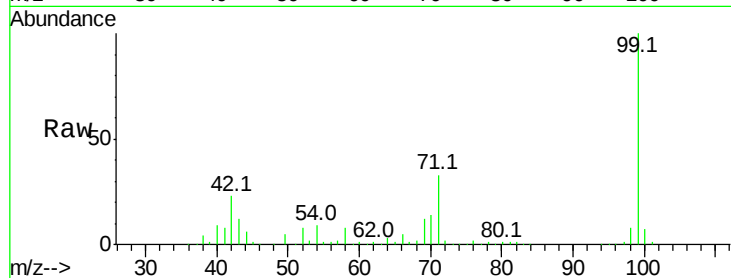
Tot Ion: 99 Resp: 763864

Ion Ratio Lower Upper

99 100

42 22.8 13.5 20.3#

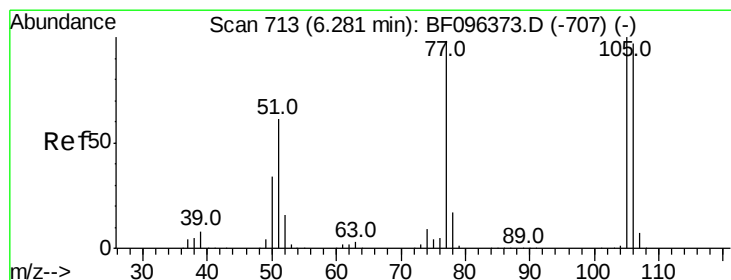
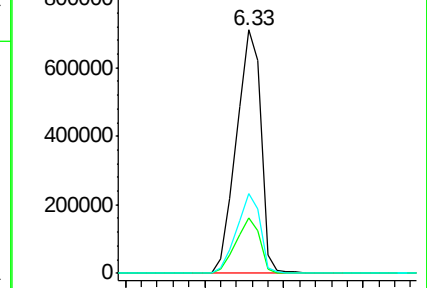
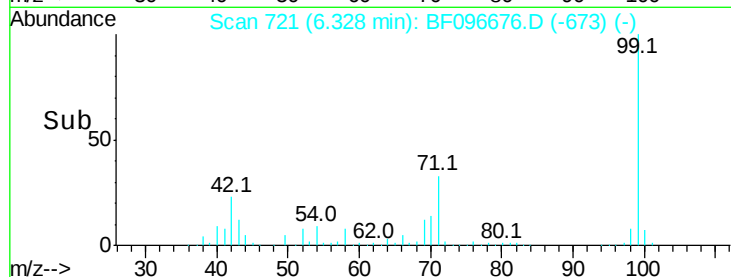
71 33.0 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 5.405 ng

RT: 6.23 min Scan# 704

Delta R.T. -0.02 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

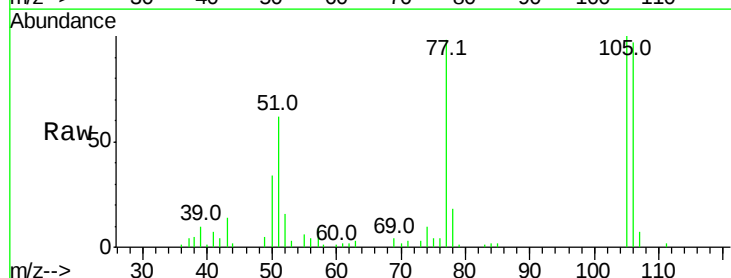
Tgt Ion: 77 Resp: 28797

Ion Ratio Lower Upper

77 100

105 102.5 83.8 123.8

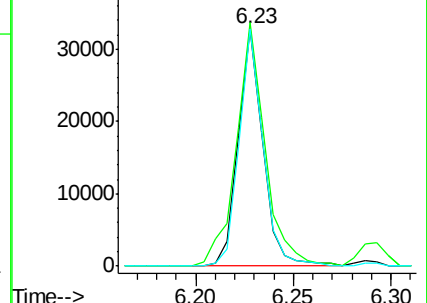
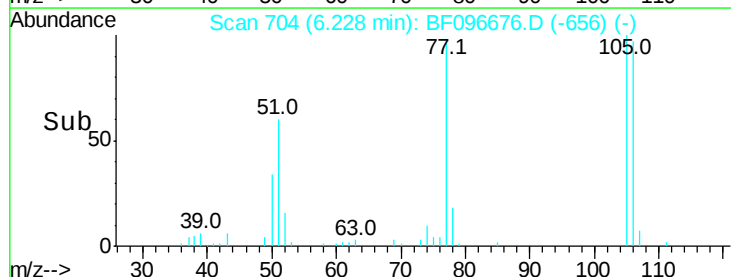
106 99.9 79.1 119.1

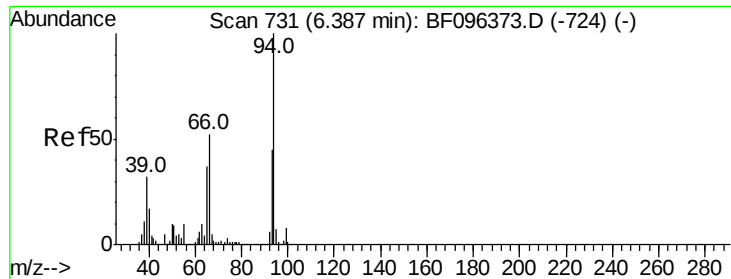


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.058 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.02 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

Instrument :

BNA_F

ClientSampleId :

E2-HS2-SSW

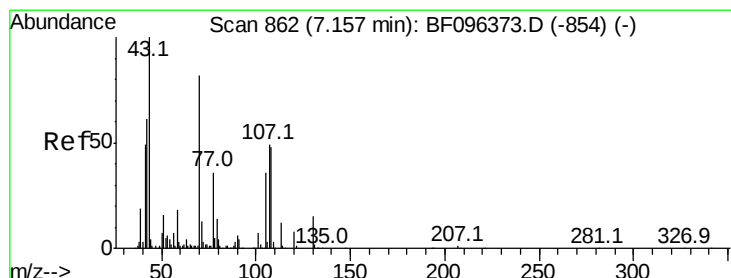
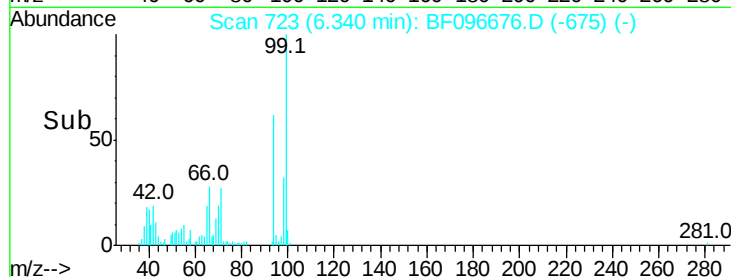
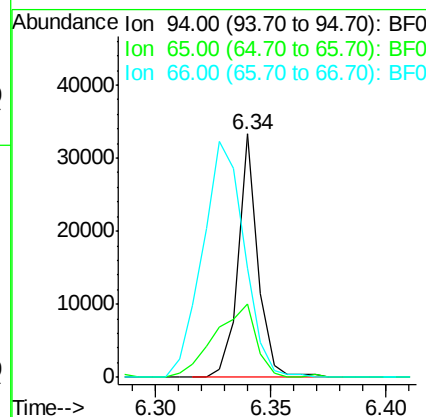
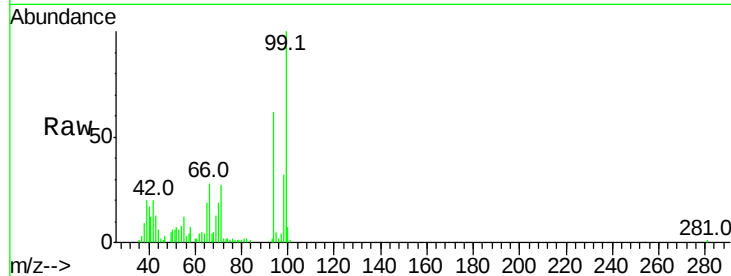
Tot Ion: 94 Resp: 19956

Ion Ratio Lower Upper

94 100

65 30.0 9.9 49.9

66 44.8 23.1 63.1



#19

n-Nitroso-di-n-propylamine

Concen: 11.576 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.12 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

Tgt Ion: 70 Resp: 58711

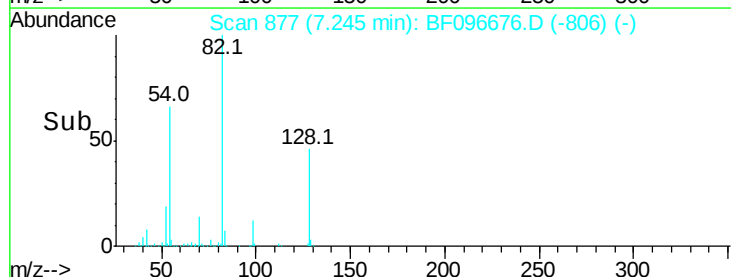
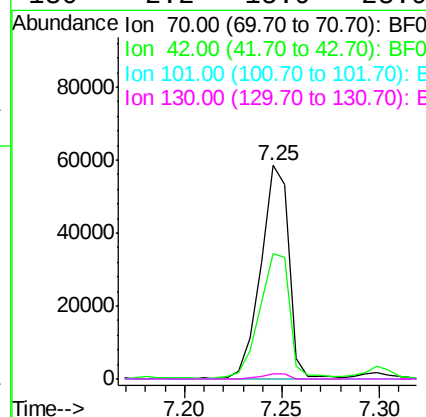
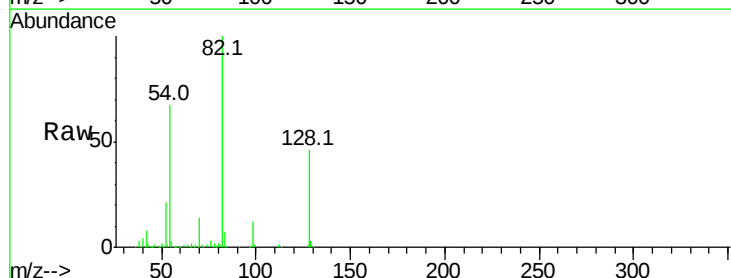
Ion Ratio Lower Upper

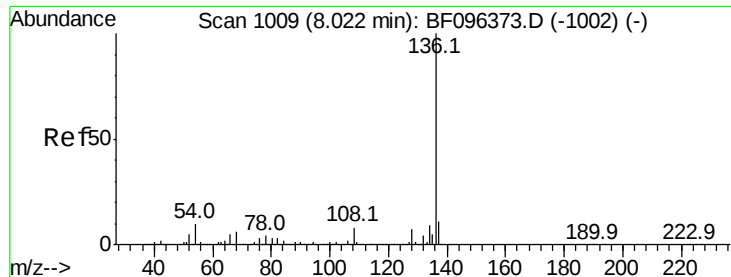
70 100

42 58.6 47.2 70.8

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

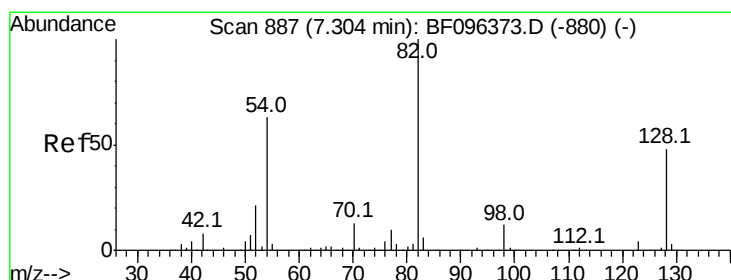
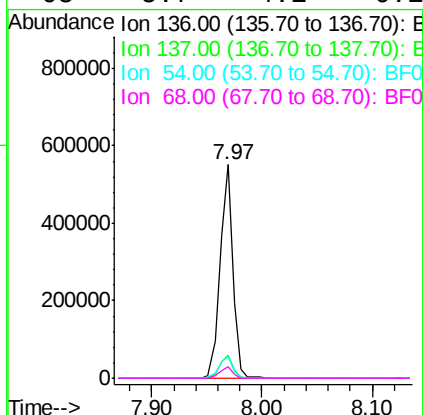
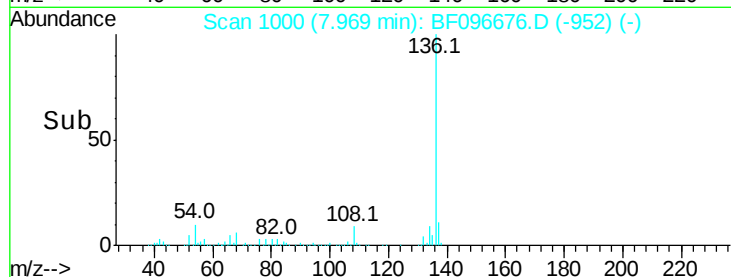
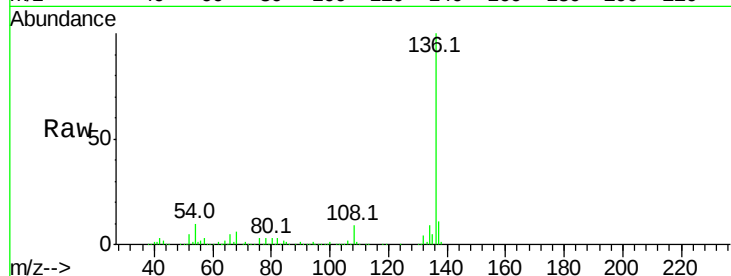




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096676.D
Acq: 12 Jul 2017 7:00

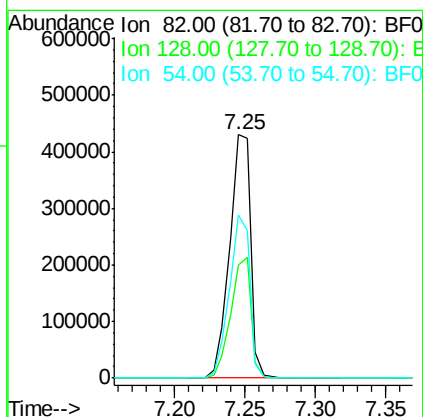
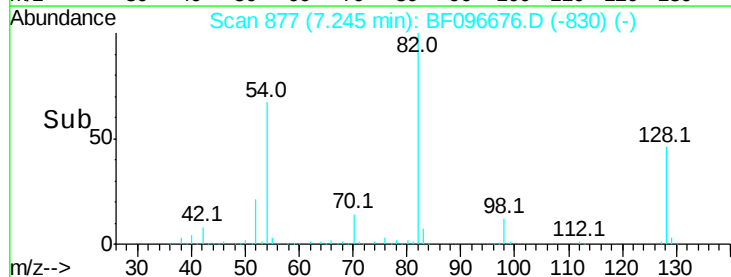
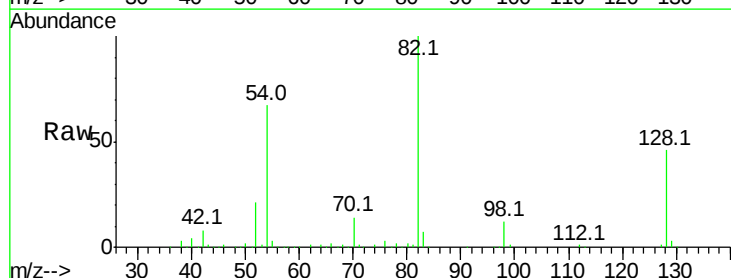
Instrument :
BNA_F
ClientSampleId :
E2-HS2-SSW

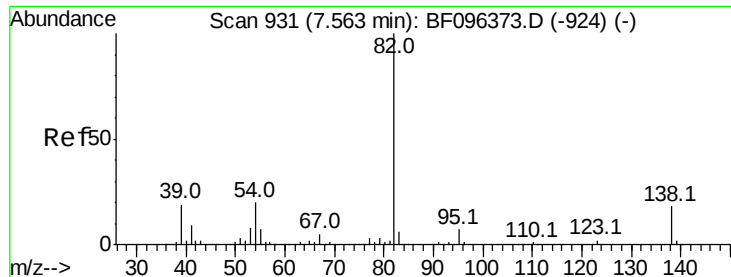
Tot Ion:136	Resp: 446457
Ion Ratio	Lower Upper
136 100	
137 10.6	8.5 12.7
54 10.3	4.9 7.3#
68 5.7	4.1 6.1



#23
Nitrobenzene-d5
Concen: 60.061 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096676.D
Acq: 12 Jul 2017 7:00

Tgt	Ion: 82	Resp:	446235
Ion	Ratio	Lower	Upper
82	100		
128	46.3	34.0	51.0
54	67.0	42.2	63.2#





#25

Isophorone

Concen: 30.709 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.28 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

Instrument :

BNA_F

ClientSampleId :

E2-HS2-SSW

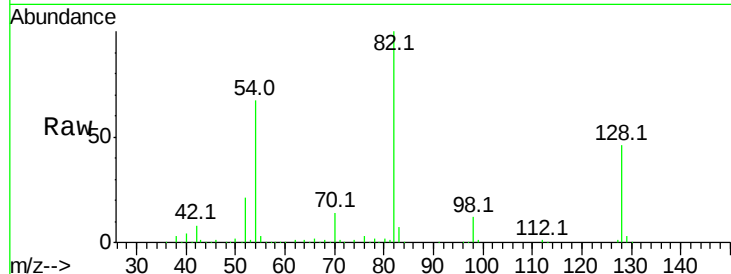
Tot Ion: 82 Resp: 442378

Ion Ratio Lower Upper

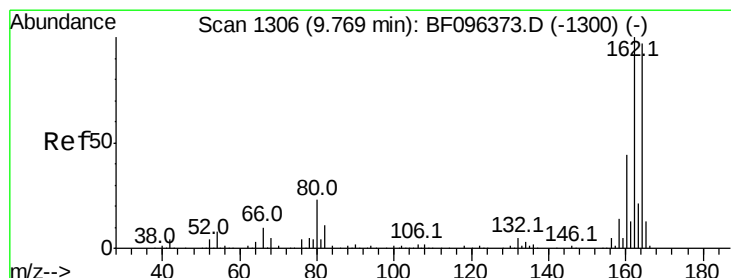
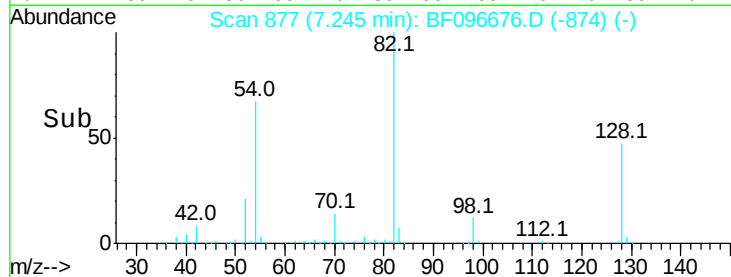
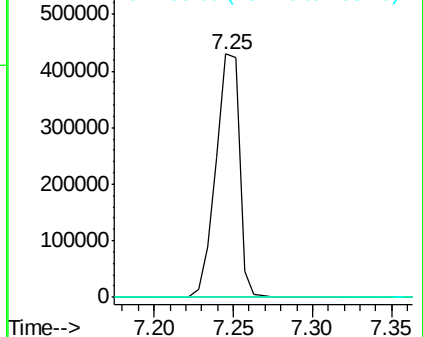
82 100

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



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.72 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

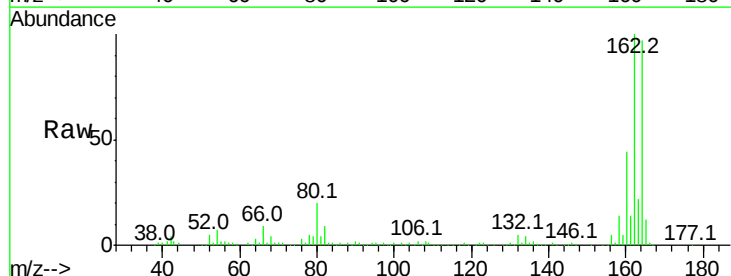
Tgt Ion:164 Resp: 151471

Ion Ratio Lower Upper

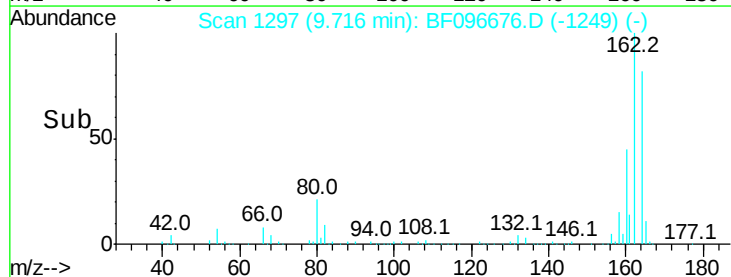
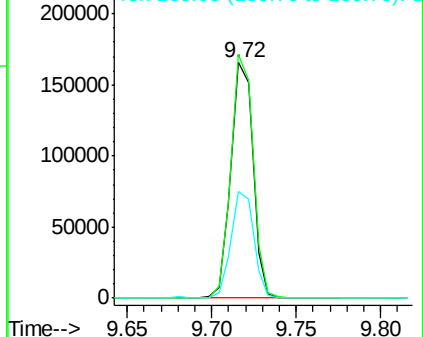
164 100

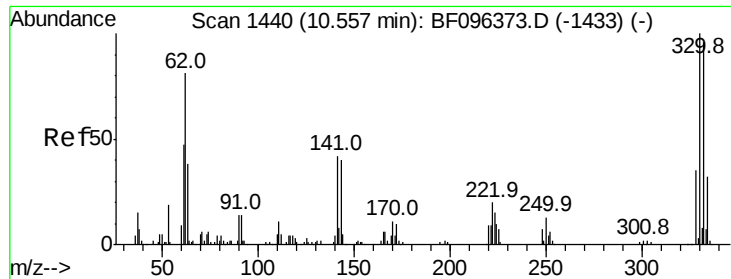
162 103.2 82.6 123.8

160 45.4 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

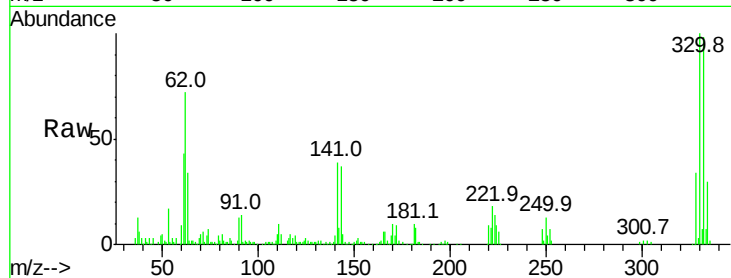




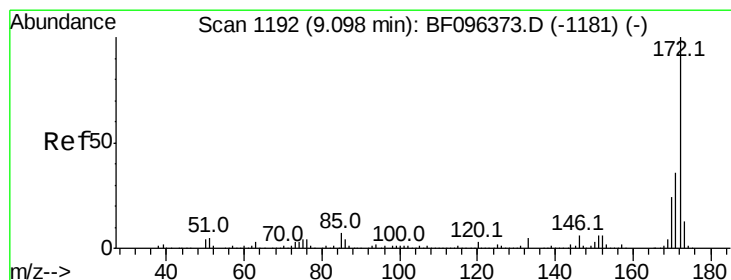
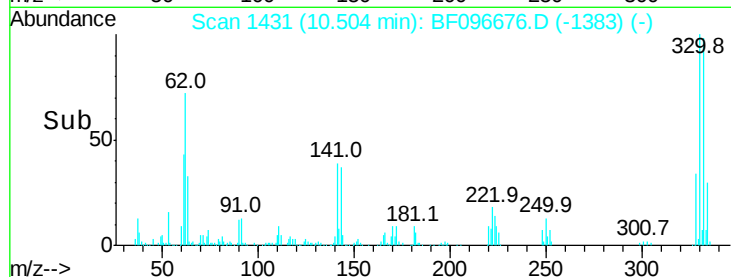
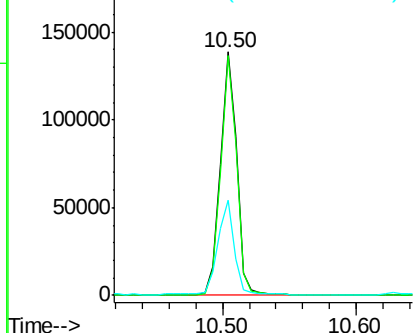
#41
 2,4,6-Tribromophenol
 Concen: 102.573 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096676.D
 Acq: 12 Jul 2017 7:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-SSW

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	76.6	115.0
141	39.2	31.4	47.2

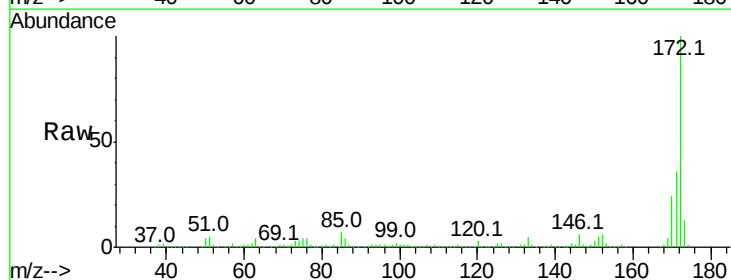


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

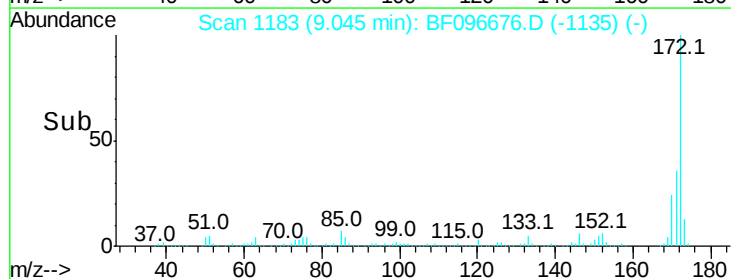
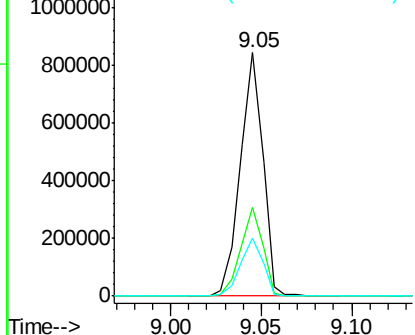


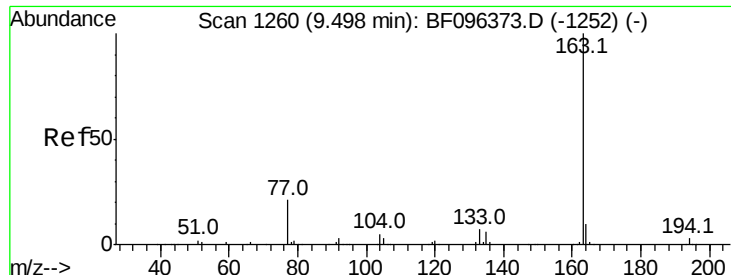
#44
 2-Fluorobiphenyl
 Concen: 82.507 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096676.D
 Acq: 12 Jul 2017 7:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.0	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





#49

Dimethylphthalate

Concen: 41.149 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.03 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

Instrument :

BNA_F

ClientSampleId :

E2-HS2-SSW

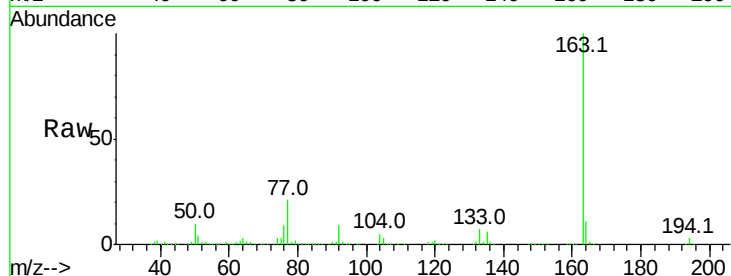
Tot Ion:163 Resp: 465284

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

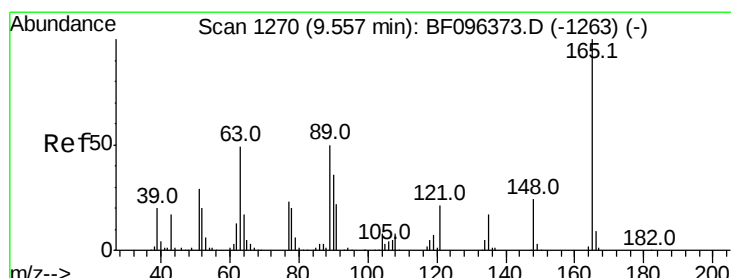
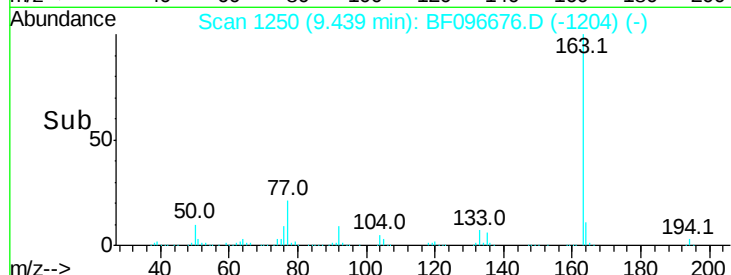
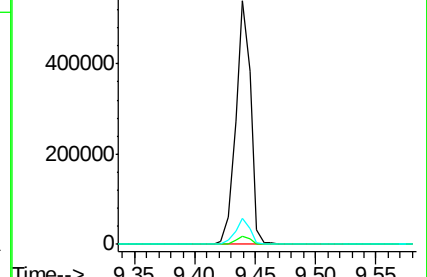
164 10.6 8.4 12.6



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



#50

2,6-Dinitrotoluene

Concen: 2.014 ng

RT: 9.44 min Scan# 1250

Delta R.T. -0.08 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

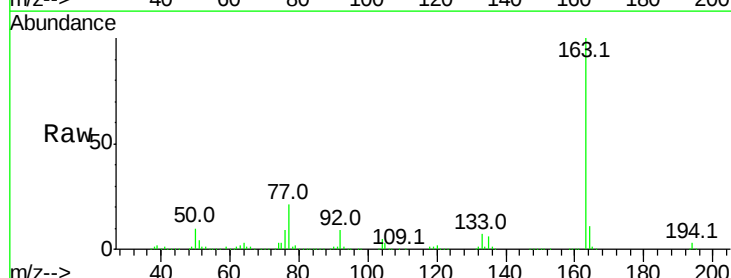
Tgt Ion:165 Resp: 5035

Ion Ratio Lower Upper

165 100

63 184.2 34.3 51.5#

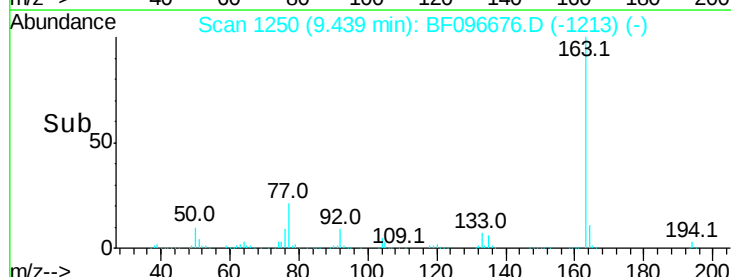
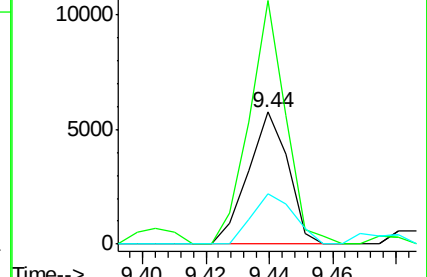
89 38.6 37.1 55.7

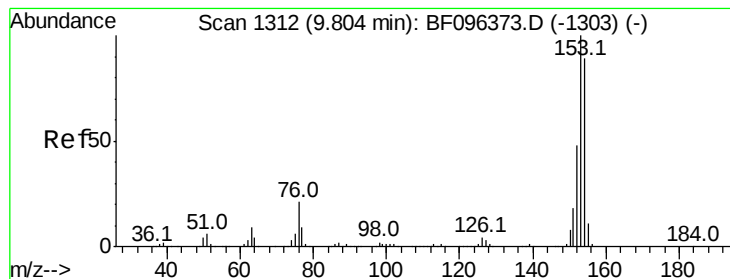


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0





#51

Acenaphthene

Concen: 2.658 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

Instrument :

BNA_F

ClientSampleId :

E2-HS2-SSW

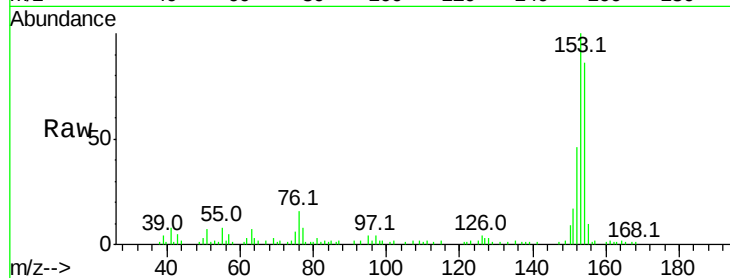
Tot Ion:154 Resp: 25105

Ion Ratio Lower Upper

154 100

153 116.9 90.5 135.7

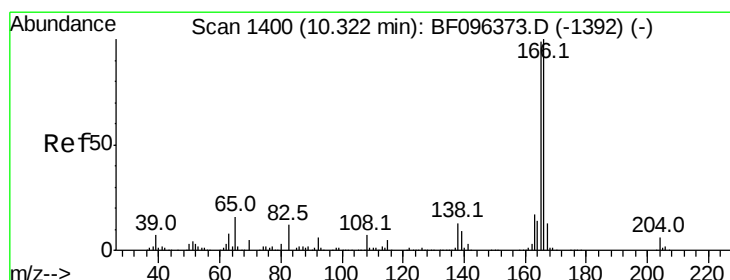
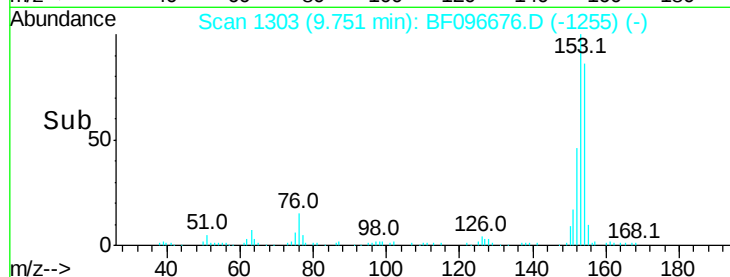
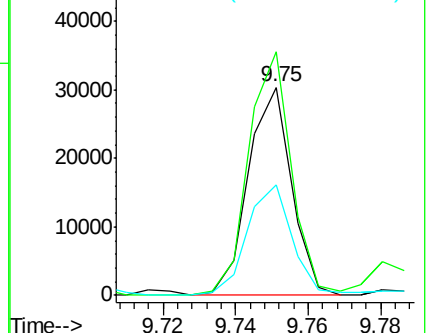
152 53.3 43.6 65.4



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: 2.995 ng

RT: 10.26 min Scan# 1390

Delta R.T. -0.02 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

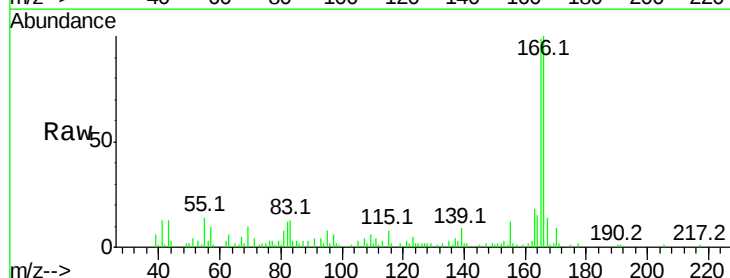
Tgt Ion:166 Resp: 26383

Ion Ratio Lower Upper

166 100

165 99.2 78.8 118.2

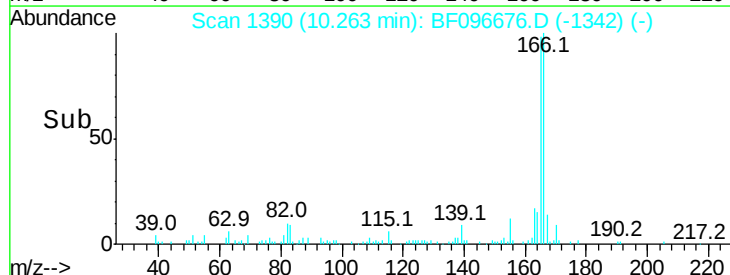
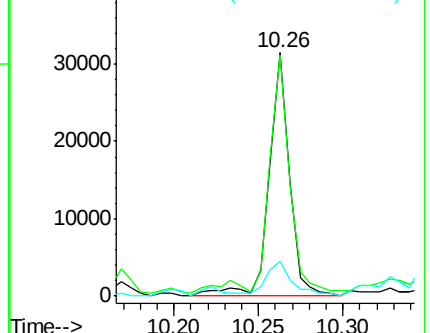
167 14.3 10.6 16.0

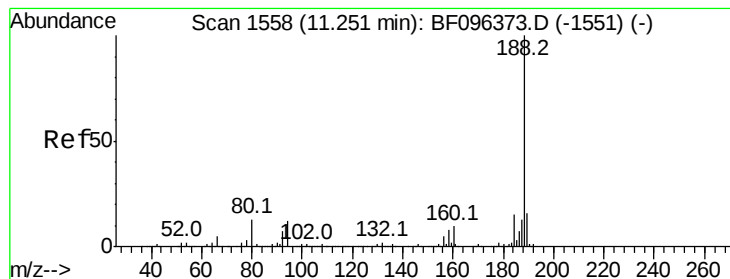


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1549

Delta R.T. -0.01 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

Instrument :

BNA_F

ClientSampleId :

E2-HS2-SSW

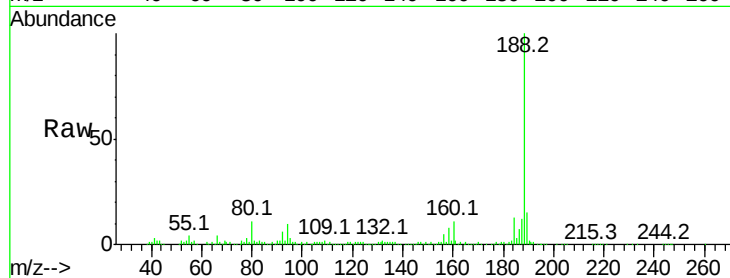
Tot Ion:188 Resp: 218298

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

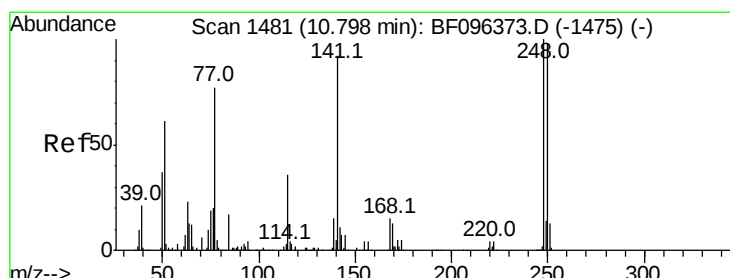
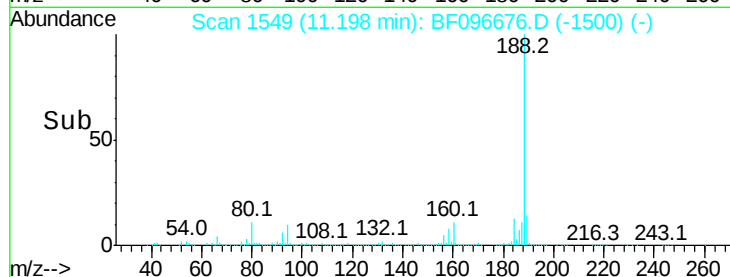
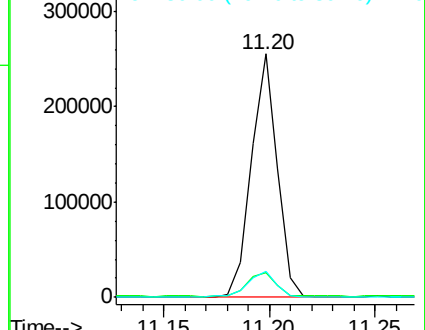
80 10.7 10.2 15.2



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



#66

4-Bromophenyl-phenylether

Concen: 3.717 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.26 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

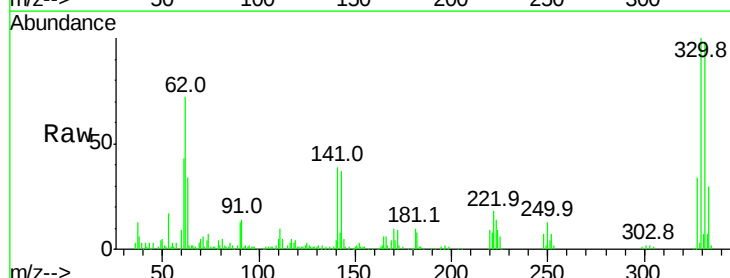
Tgt Ion:248 Resp: 7899

Ion Ratio Lower Upper

248 100

250 195.4 76.8 115.2#

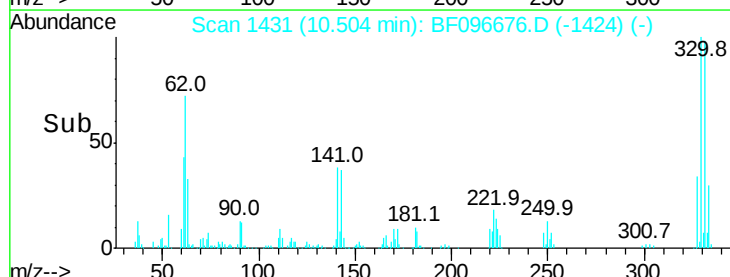
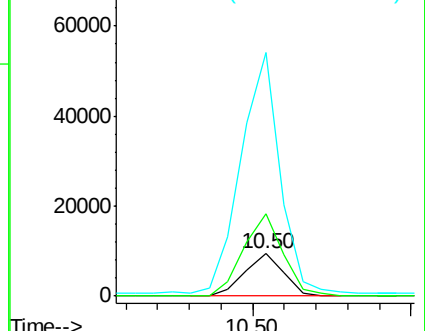
141 575.5 68.6 103.0#

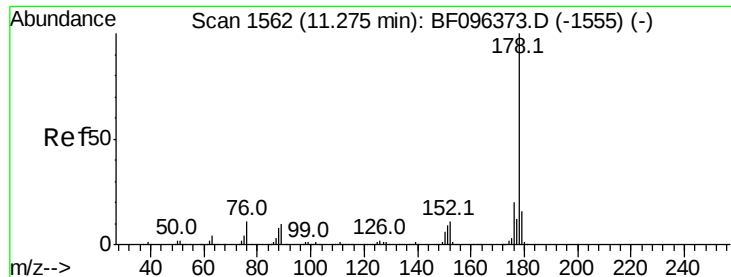


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 41.869 ng

RT: 11.22 min Scan# 1553

Delta R.T. -0.02 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

Instrument :

BNA_F

ClientSampleId :

E2-HS2-SSW

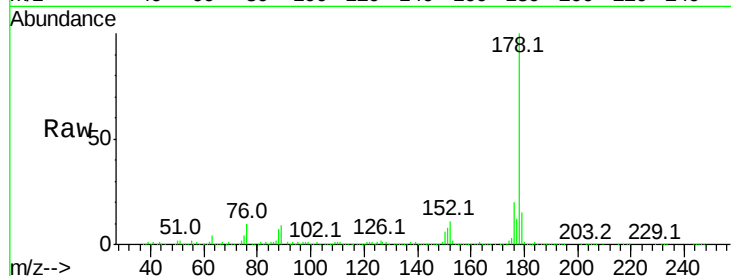
Tot Ion:178 Resp: 494088

Ion Ratio Lower Upper

178 100

176 19.8 16.2 24.4

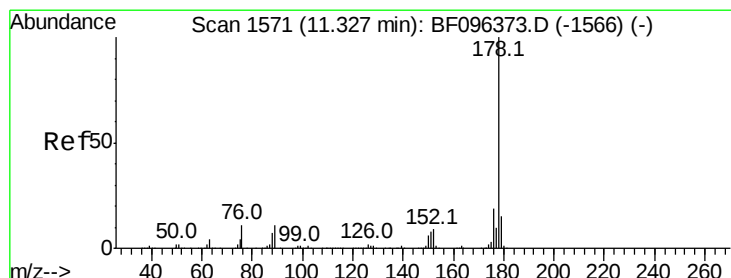
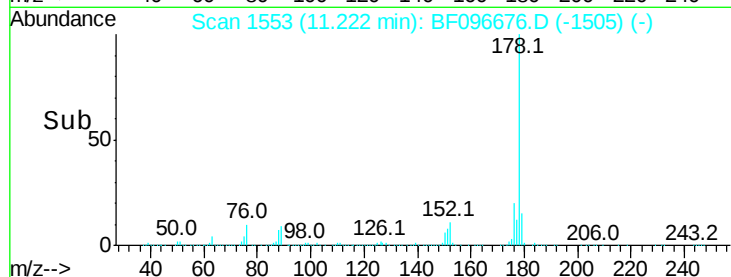
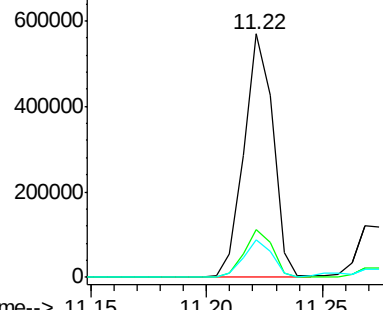
179 15.3 12.6 19.0



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: 9.015 ng

RT: 11.27 min Scan# 1561

Delta R.T. -0.02 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

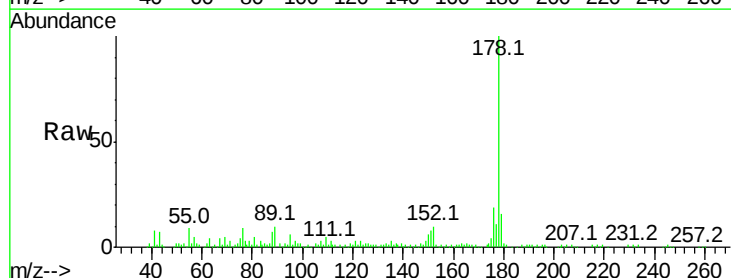
Tgt Ion:178 Resp: 108414

Ion Ratio Lower Upper

178 100

176 18.7 15.8 23.8

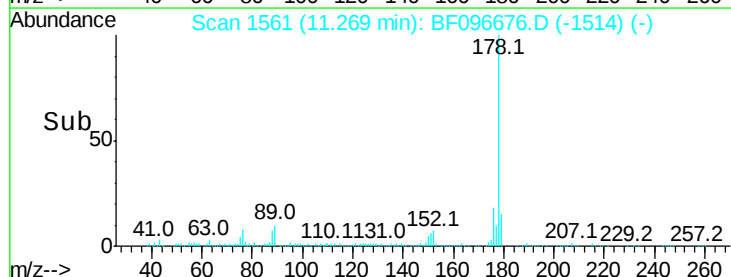
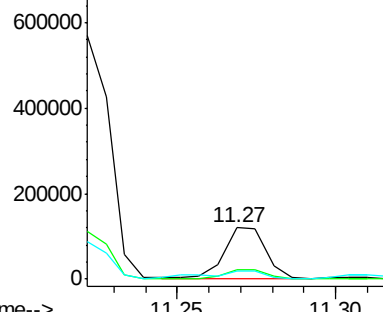
179 15.6 12.7 19.1

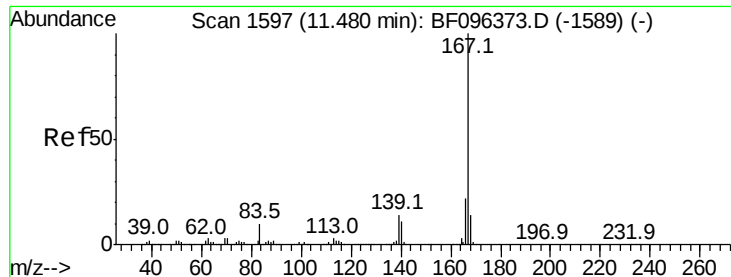


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

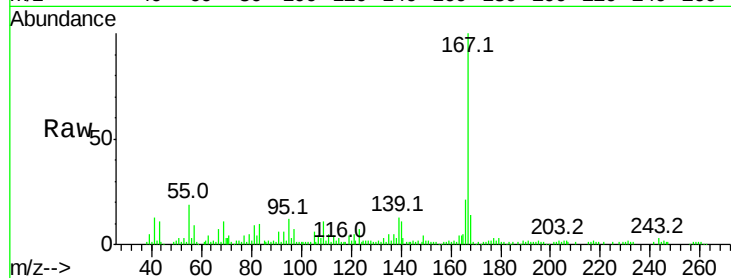




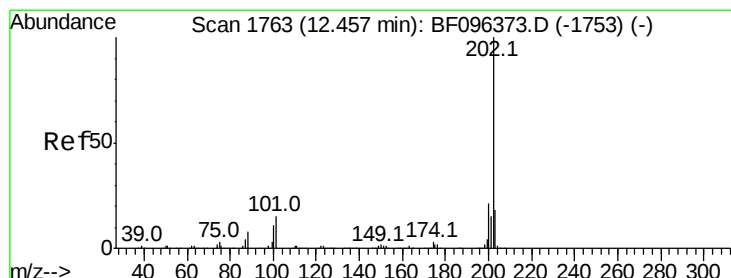
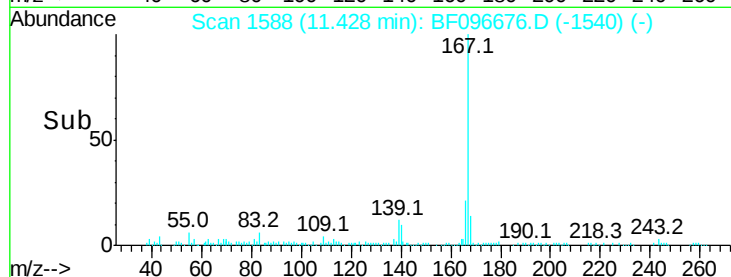
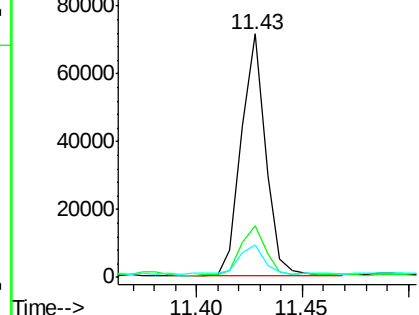
#72
 Carbazole
 Concen: 4.719 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.02 min
 Lab File: BF096676.D
 Acq: 12 Jul 2017 7:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-SSW

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.4	18.1	27.1
139	13.1	11.7	17.5

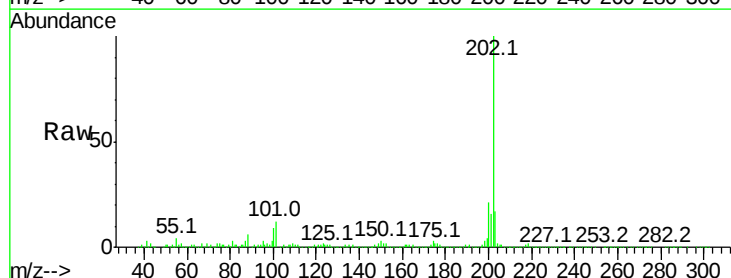


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

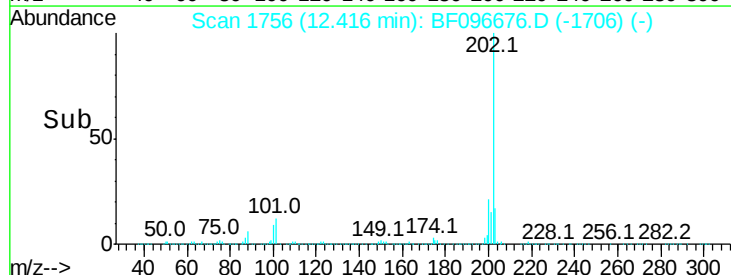
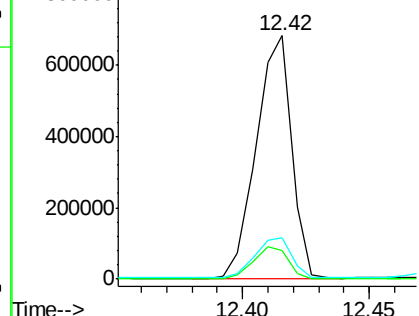


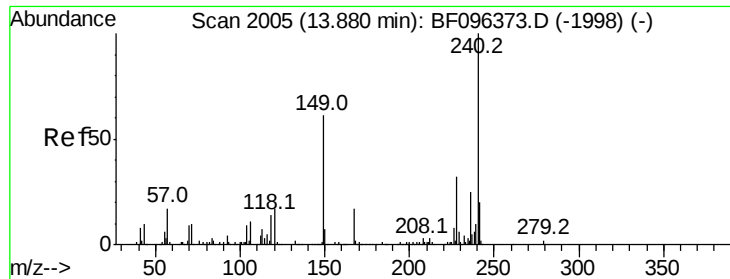
#74
 Fluoranthene
 Concen: 57.563 ng
 RT: 12.42 min Scan# 1756
 Delta R.T. -0.01 min
 Lab File: BF096676.D
 Acq: 12 Jul 2017 7:00

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	33.2
203	17.1	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: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

Instrument :

BNA_F

ClientSampleId :

E2-HS2-SSW

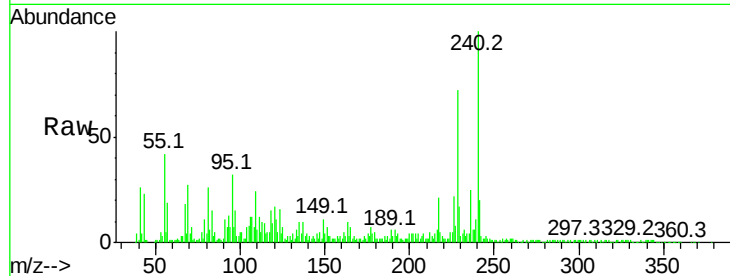
Tot Ion:240 Resp: 165986

Ion Ratio Lower Upper

240 100

120 17.5 5.8 8.8#

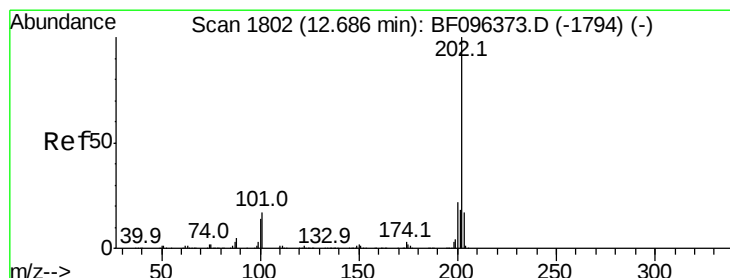
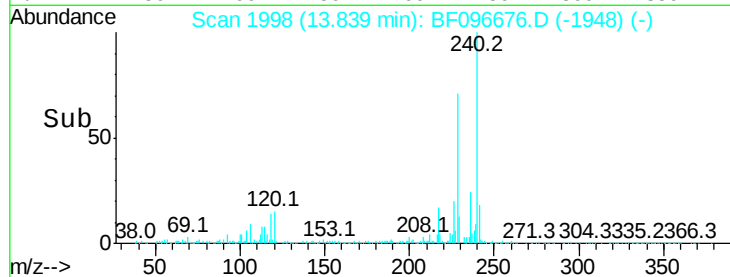
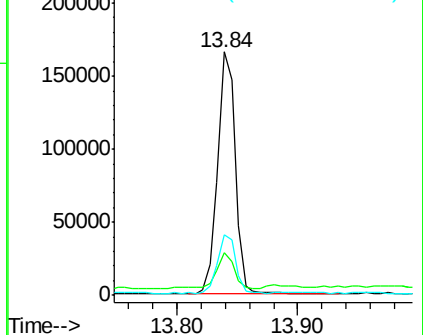
236 25.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 51.388 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

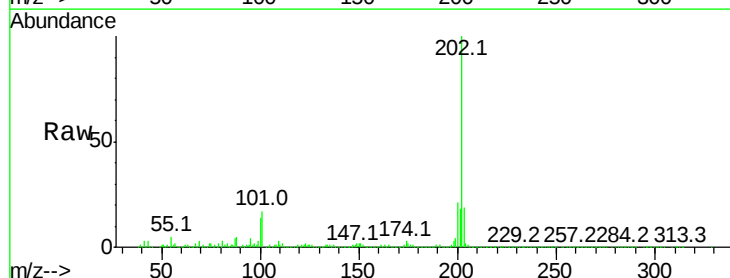
Tgt Ion:202 Resp: 684649

Ion Ratio Lower Upper

202 100

200 21.0 17.6 26.4

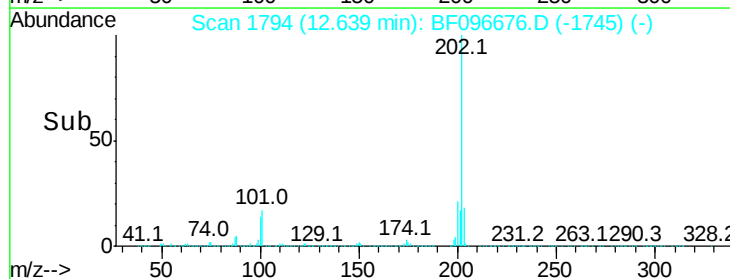
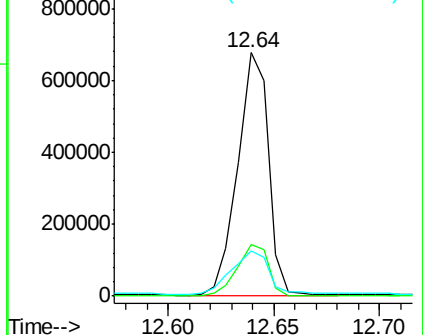
203 18.8 14.4 21.6

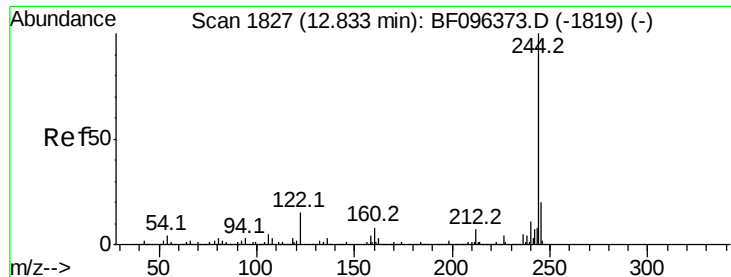


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 56.910 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

Instrument :

BNA_F

ClientSampleId :

E2-HS2-SSW

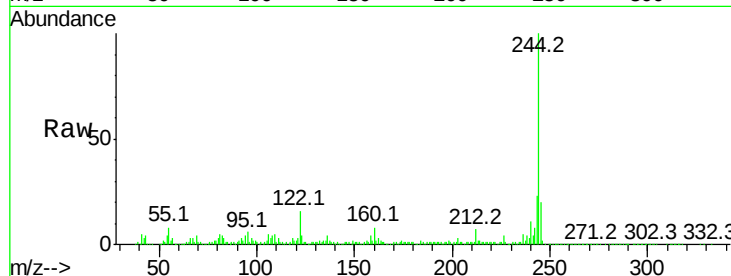
Tot Ion:244 Resp: 442070

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

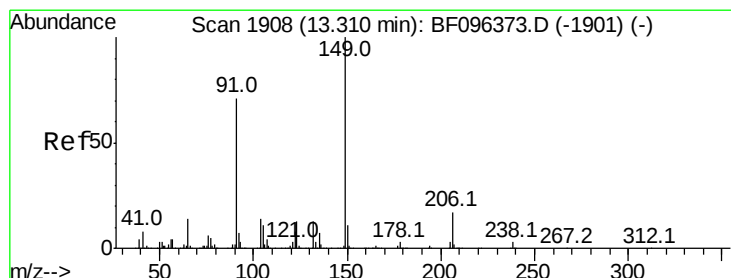
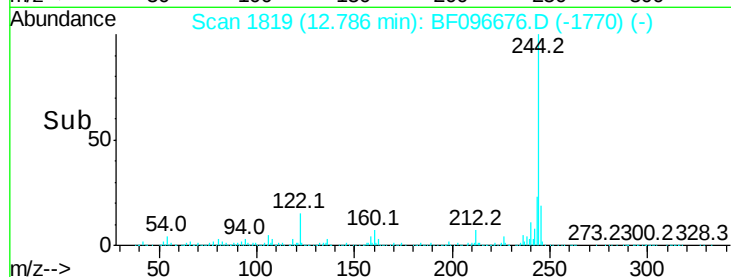
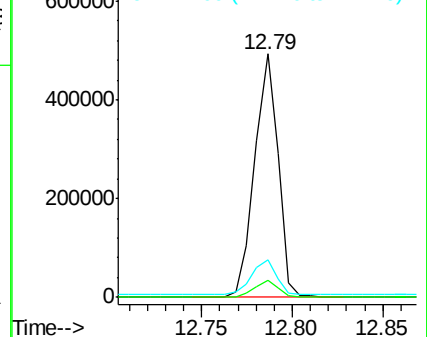
122 15.6 10.3 15.5#



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



#79

Butylbenzylphthalate

Concen: 3.333 ng

RT: 13.26 min Scan# 1900

Delta R.T. -0.01 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

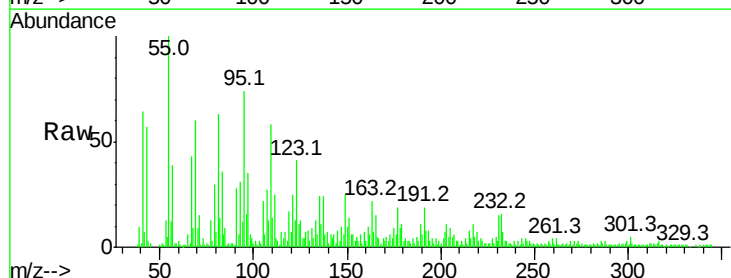
Tgt Ion:149 Resp: 22481

Ion Ratio Lower Upper

149 100

91 111.5 45.0 67.4#

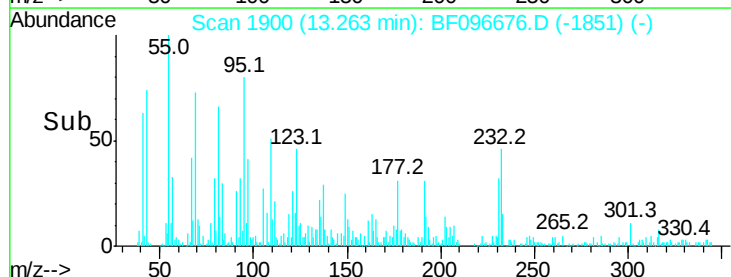
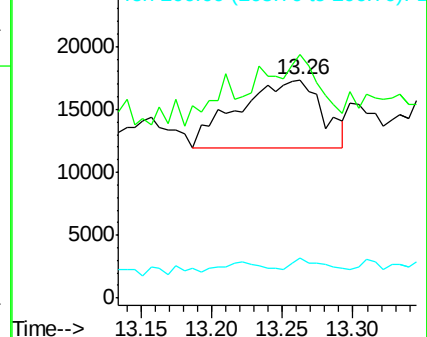
206 18.2 17.0 25.6

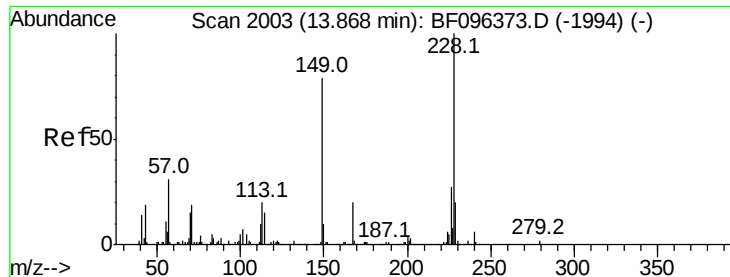


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF0

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 29.956 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

Instrument :

BNA_F

ClientSampleId :

E2-HS2-SSW

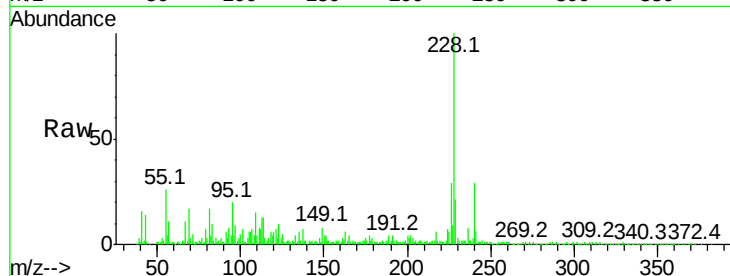
Tot Ion:228 Resp: 287935

Ion Ratio Lower Upper

228 100

226 28.5 22.6 33.8

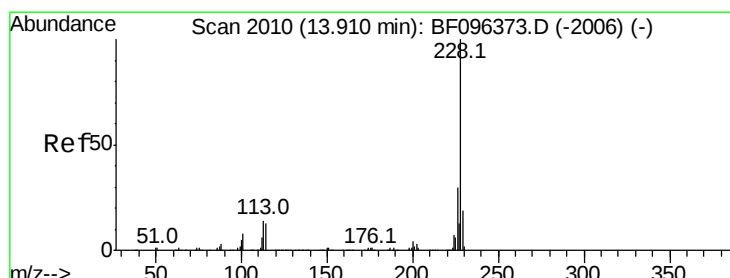
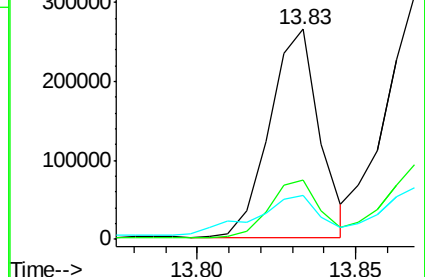
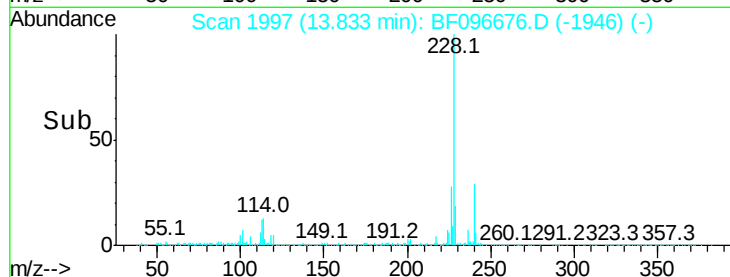
229 20.7 16.3 24.5



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: 30.245 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

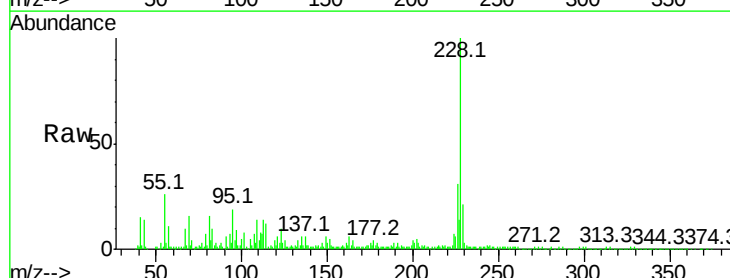
Tgt Ion:228 Resp: 304442

Ion Ratio Lower Upper

228 100

226 30.9 24.9 37.3

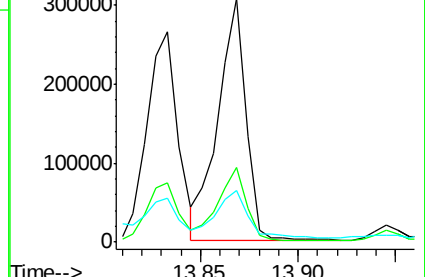
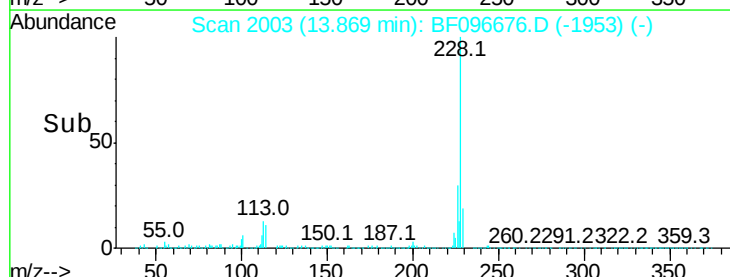
229 21.3 15.8 23.6

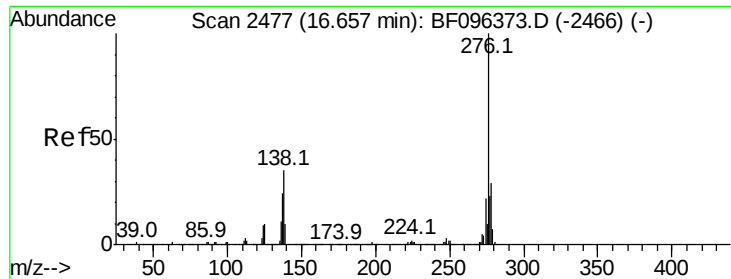


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

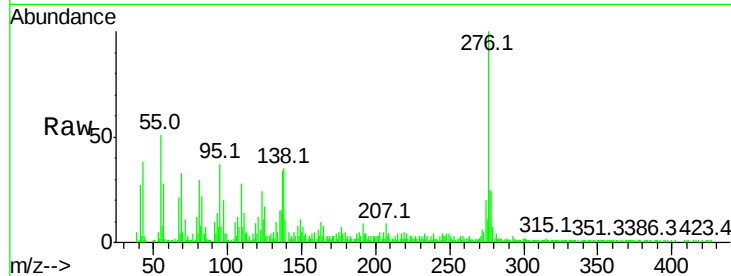




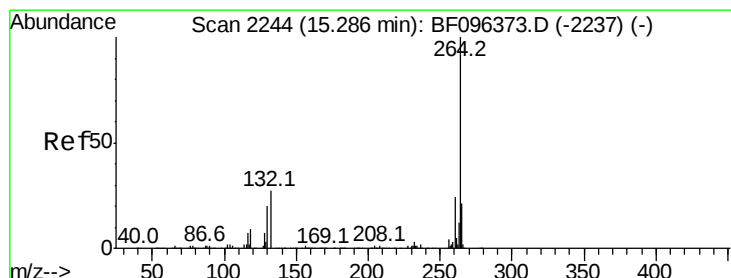
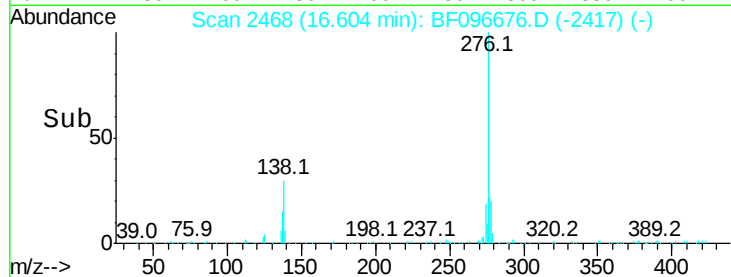
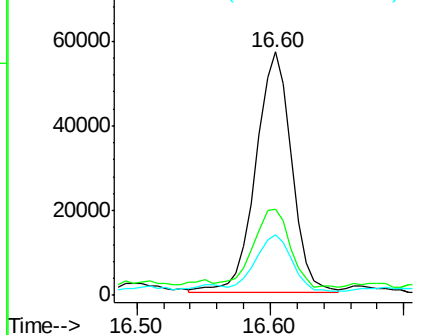
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 13.290 ng
 RT: 16.60 min Scan# 2468
 Delta R.T. 0.00 min
 Lab File: BF096676.D
 Acq: 12 Jul 2017 7:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-SSW

Tot Ion:276	Resp:	105598
Ion Ratio	Lower	Upper
276	100	
138	32.8	27.8 41.6
277	23.6	20.2 30.4

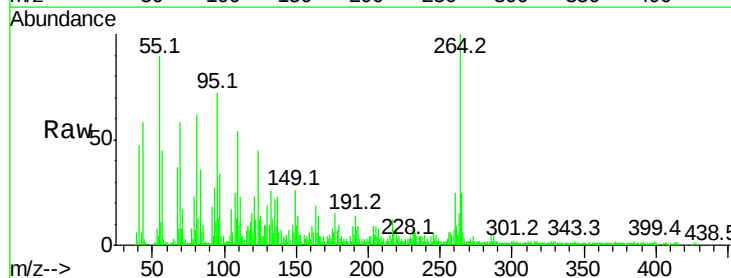


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

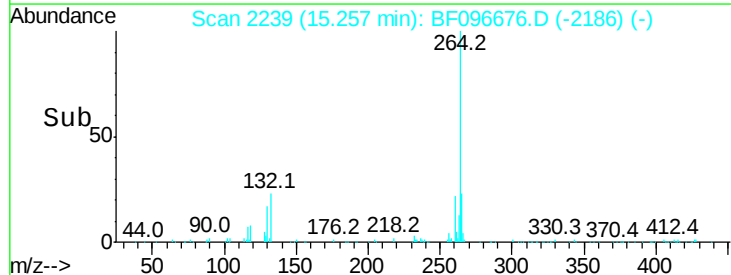
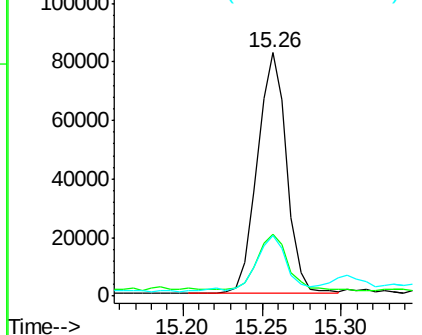


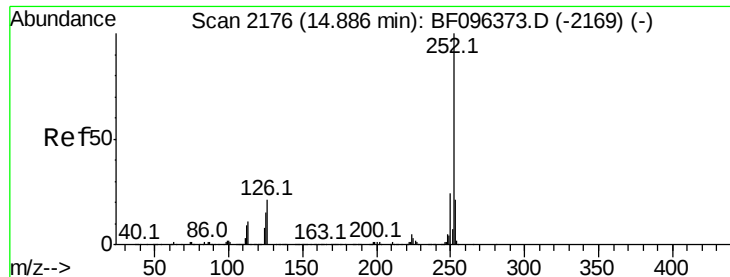
#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. 0.01 min
 Lab File: BF096676.D
 Acq: 12 Jul 2017 7:00

Tgt Ion:264	Resp:	106366
Ion Ratio	Lower	Upper
264	100	
260	25.3	19.5 29.3
265	24.9	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: 42.978 ng

RT: 14.86 min Scan# 2171

Delta R.T. 0.01 min

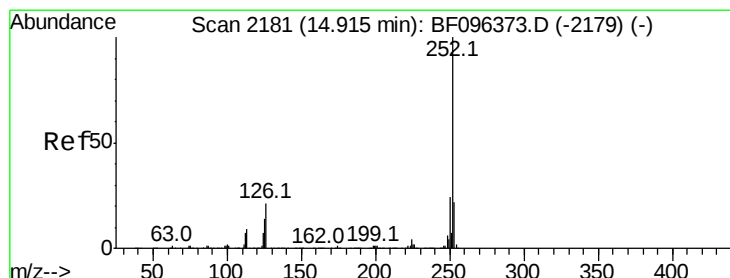
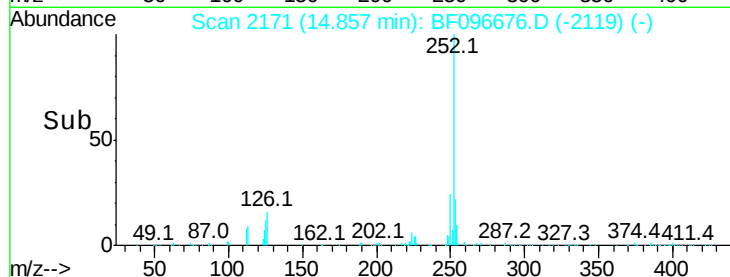
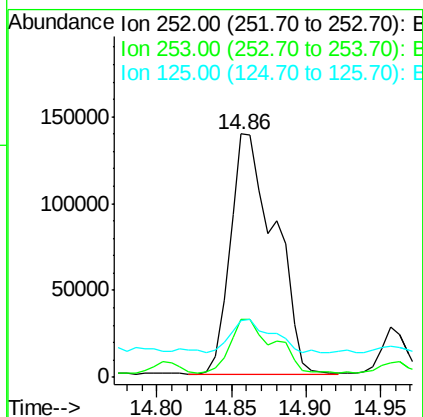
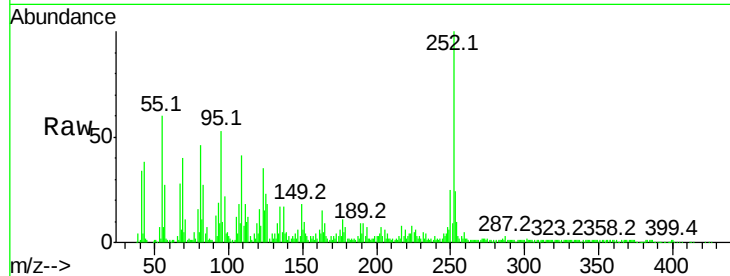
Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

Instrument :
BNA_F
ClientSampleId :
E2-HS2-SSW

Tot Ion:252 Resp: 286440

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.1	27.1
125	23.4	9.8	14.8#



#88

Benzo(k)fluoranthene

Concen: 48.046 ng

RT: 14.86 min Scan# 2171

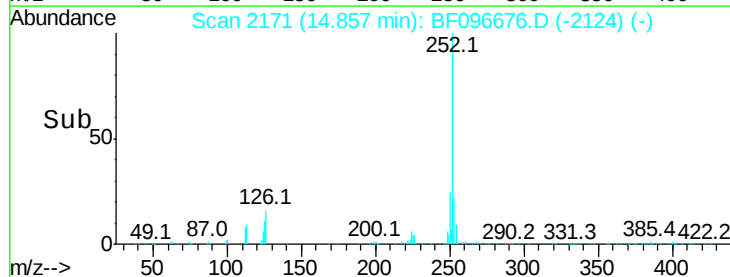
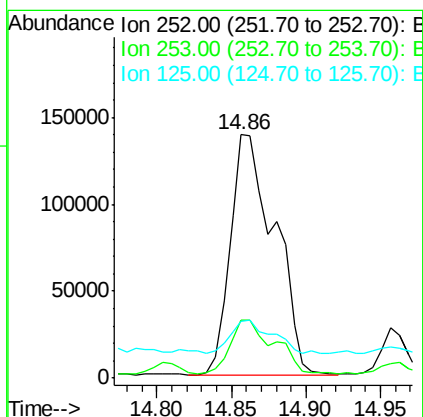
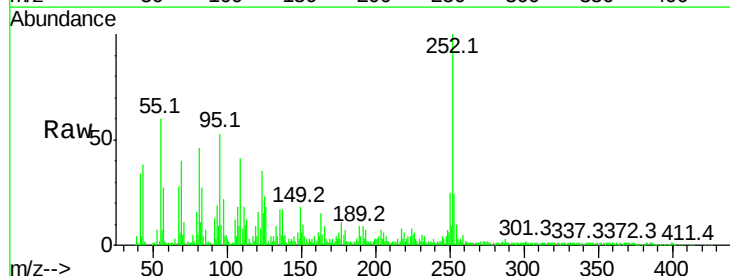
Delta R.T. -0.02 min

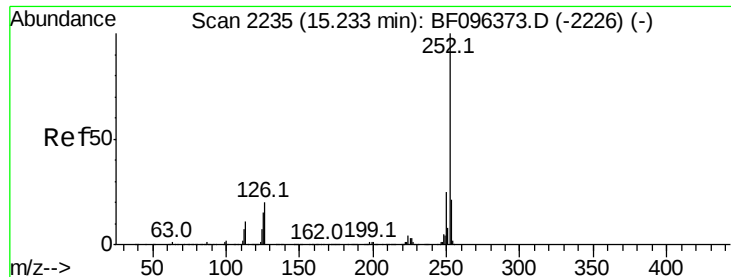
Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

Tgt Ion:252 Resp: 286440

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.4	27.6
125	23.4	13.1	19.7#





#89

Benzo(a)pyrene

Concen: 25.992 ng

RT: 15.20 min Scan# 2229

Delta R.T. 0.01 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

Instrument :

BNA_F

ClientSampleId :

E2-HS2-SSW

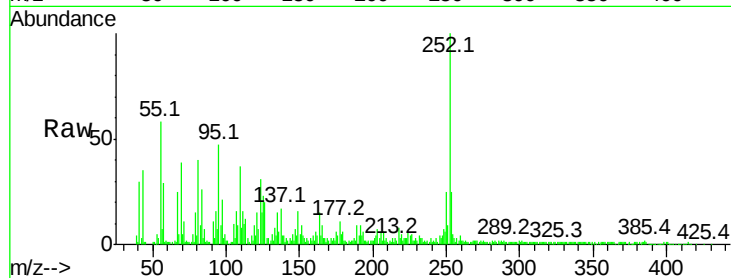
Tot Ion:252 Resp: 154662

Ion Ratio Lower Upper

252 100

253 24.6 17.5 26.3

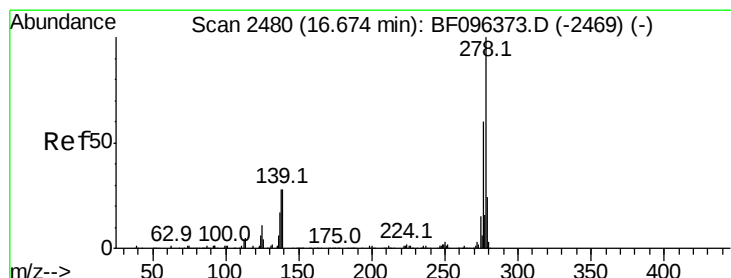
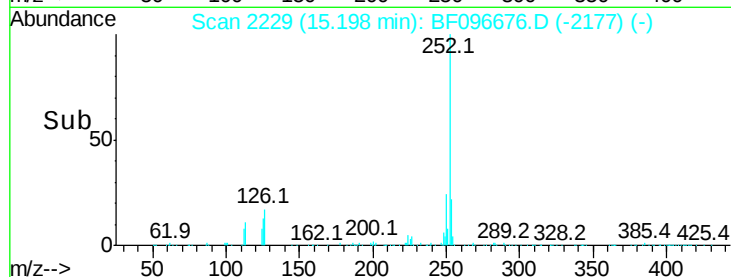
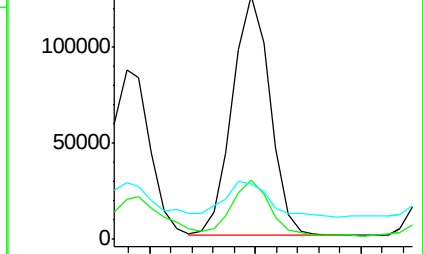
125 22.7 11.0 16.4#



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



#90

Dibenzo(a,h)anthracene

Concen: 6.035 ng

RT: 16.61 min Scan# 2469

Delta R.T. -0.01 min

Lab File: BF096676.D

Acq: 12 Jul 2017 7:00

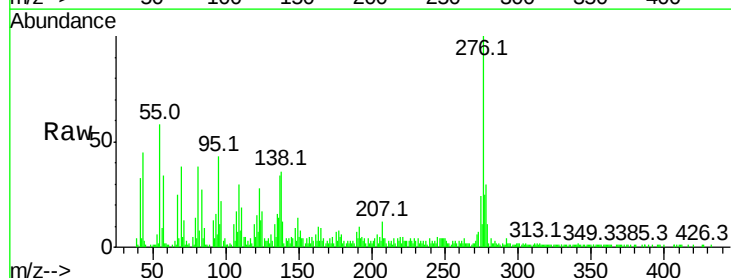
Tgt Ion:278 Resp: 28253

Ion Ratio Lower Upper

278 100

139 40.7 16.6 24.8#

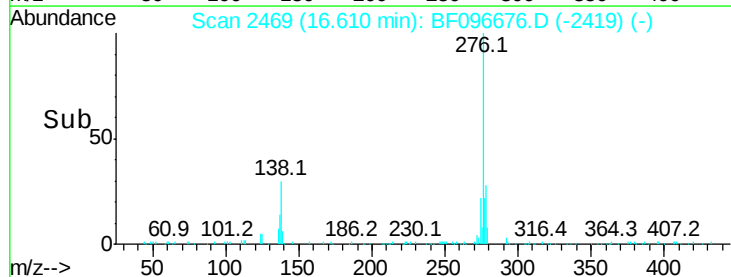
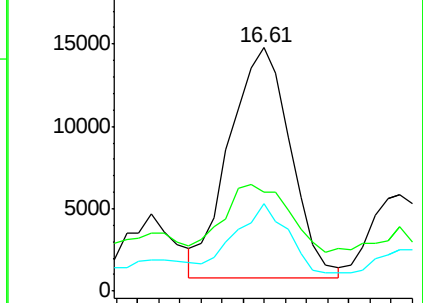
279 35.9 19.3 28.9#

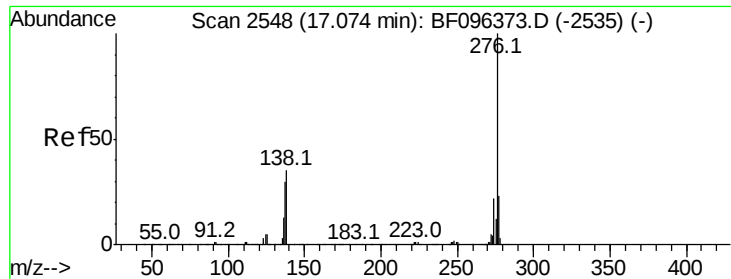


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

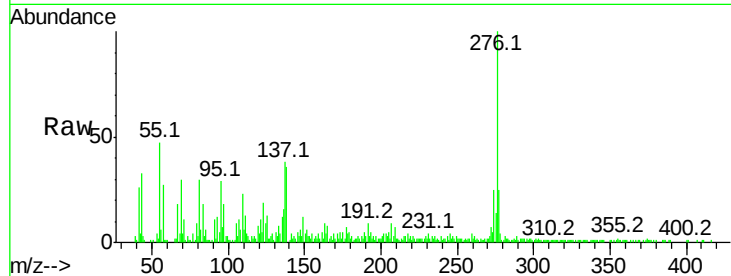




#91
 Benzo(a,h,i)perylene
 Concen: 20.444 ng
 RT: 17.01 min Scan# 2537
 Delta R.T. 0.01 min
 Lab File: BF096676.D
 Acq: 12 Jul 2017 7:00

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS2-SSW

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.6	18.6	28.0
138	36.3	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

