

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071317\
 Data File : BF096760.D
 Acq On : 14 Jul 2017 6:27
 Operator : SJ/JU
 Sample : I4172-07
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-04-WSW

Quant Time: Jul 14 07:44:28 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 13 14:49:34 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	103972	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	423817	20.00	ng	0.00
38) Acenaphthene-d10	9.67	164	159772	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	220384	20.00	ng	0.00
75) Chrysene-d12	13.79	240	173652	20.00	ng	0.01
86) Perylene-d12	15.18	264	121375	20.00	ng	0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	691227	99.96	ng	0.01
7) Phenol-d6	6.29	99	696558	83.94	ng	0.00
23) Nitrobenzene-d5	7.20	82	388646	56.80	ng	0.00
41) 2,4,6-Tribromophenol	10.46	330	111511	81.77	ng	0.00
44) 2-Fluorobiphenyl	9.00	172	682273	67.47	ng	0.00
78) Terphenyl-d14	12.74	244	422683	42.21	ng	0.00

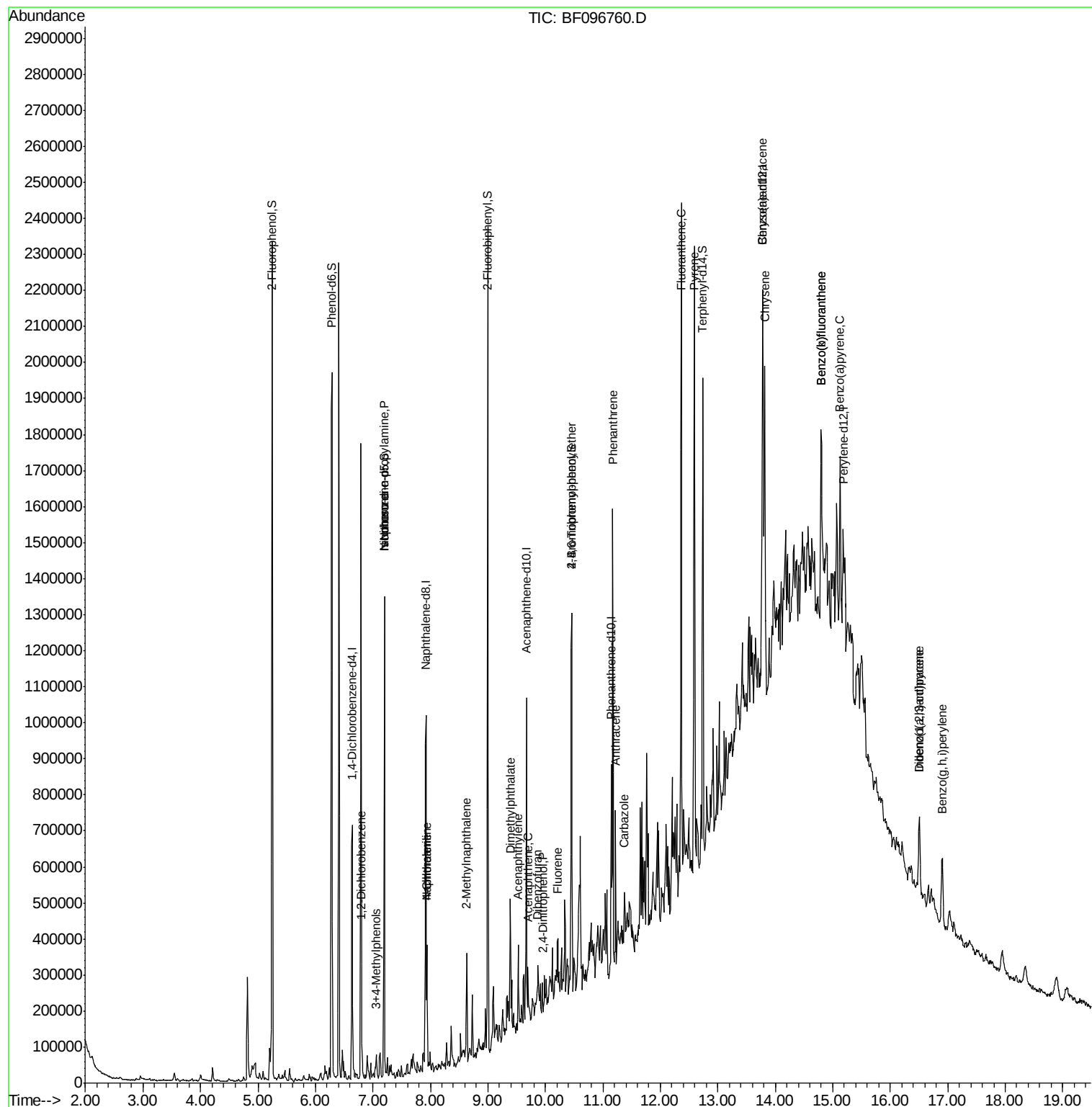
Target Compounds				Qvalue		
14) 1,2-Dichlorobenzene	6.81	146	15305	2.10	ng	96
19) n-Nitroso-di-n-propylamine	7.20	70	54036	10.81	ng	# 88
20) 3+4-Methylphenols	7.06	107	15967	2.27	ng	# 62
25) Isophorone	7.20	82	377047	29.62	ng	# 67
31) Naphthalene	7.94	128	133591	6.65	ng	98
33) 4-Chloroaniline	7.94	127	17391	2.19	ng	# 35
37) 2-Methylnaphthalene	8.63	142	72412	5.66	ng	97
48) Acenaphthylene	9.53	152	88306	5.49	ng	99
49) Dimethylphthalate	9.39	163	129211	10.74	ng	100
51) Acenaphthene	9.70	154	26819	2.82	ng	99
53) 2,4-Dinitrophenol	9.96	184	426	7.04	ng	# 40
54) Dibenzofuran	9.87	168	29009	2.18	ng	# 91
57) Fluorene	10.22	166	36039	3.66	ng	98
60) 4-Chlorophenyl-phenylether	10.23	204	139	Below	Cal	# 1
66) 4-Bromophenyl-phenylether	10.46	248	7284	3.24	ng	# 1
70) Phenanthrene	11.17	178	459125	38.31	ng	99
71) Anthracene	11.22	178	150035	12.38	ng	98
72) Carbazole	11.37	167	50928	4.34	ng	96
74) Fluoranthene	12.37	202	895696	78.09	ng	98
77) Pvrene	12.59	202	832926	52.85	ng	100
80) Benzo(a)anthracene	13.78	228	379198	35.05	ng	97
82) Chrysene	13.82	228	377001	35.39	ng	97
85) Indeno(1,2,3-cd)pyrene	16.50	276	134586	16.23	ng	93
87) Benzo(b)fluoranthene	14.80	252	430566	58.82	ng	# 94
88) Benzo(k)fluoranthene	14.80	252	430566	62.11	ng	98
89) Benzo(a)pyrene	15.13	252	241848	36.02	ng	# 92
90) Dibenzo(a,h)anthracene	16.51	278	32745	5.30	ng	# 80
91) Benzo(g,h,i)perylene	16.90	276	128632	19.44	ng	98

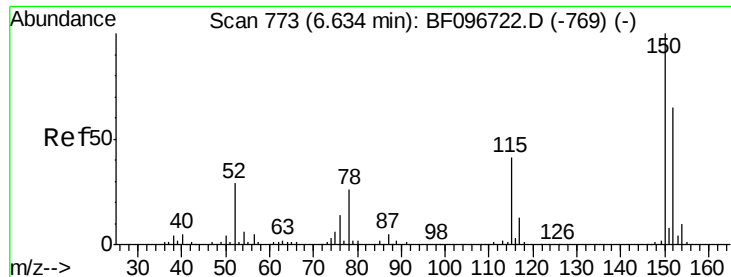
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071317\
Data File : BF096760.D
Acq On : 14 Jul 2017 6:27
Operator : SJ/JU
Sample : I4172-07
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-04-WSW

Quant Time: Jul 14 07:44:28 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration



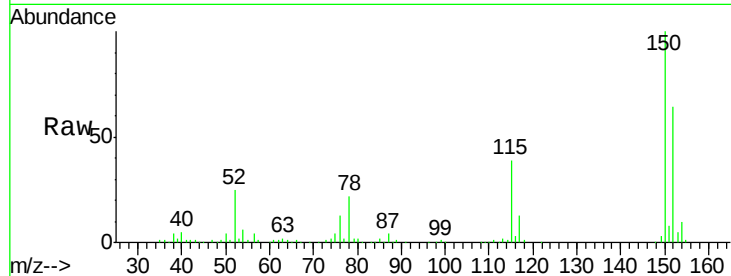


#1

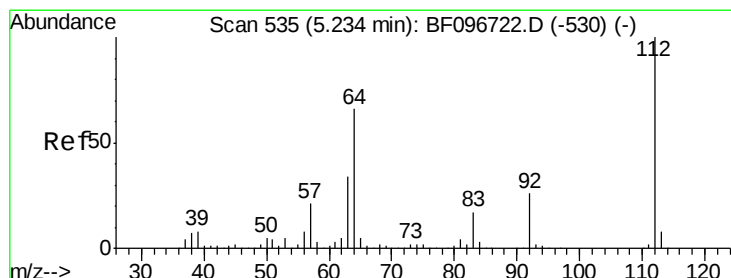
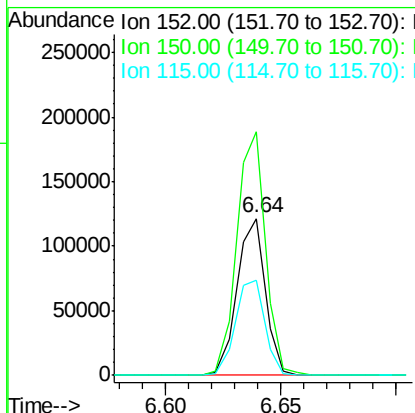
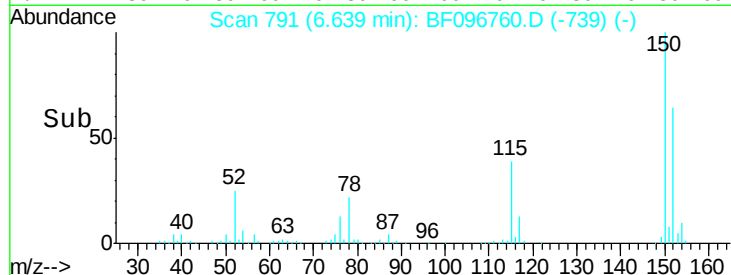
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 791
 Delta R.T. 0.01 min
 Lab File: BF096760.D
 Acq: 14 Jul 2017 6:27

Instrument :
 BNA_F
 ClientSampleId :
 E2-04-WSW

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.2
115	61.0	52.2	78.2



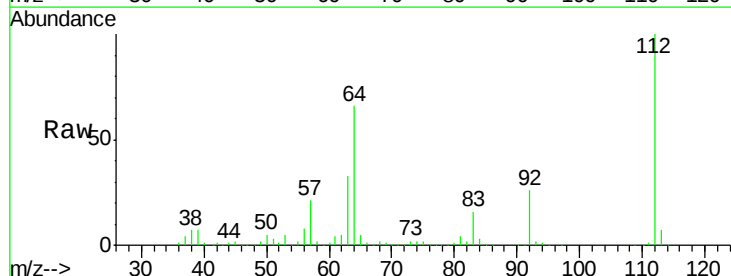
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



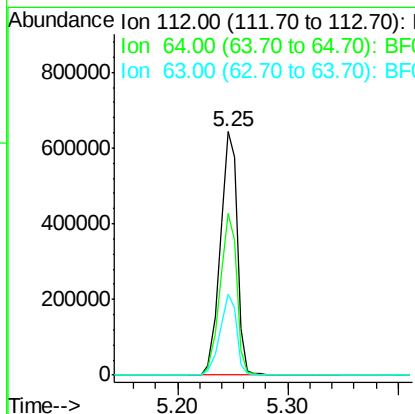
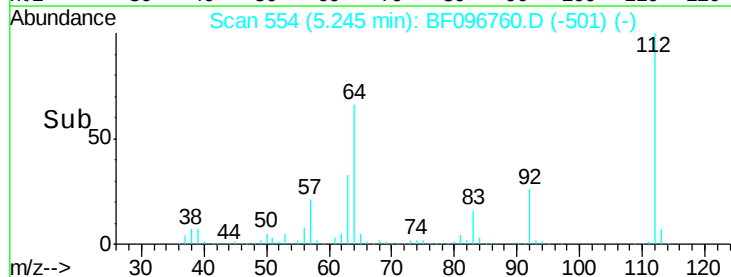
#5

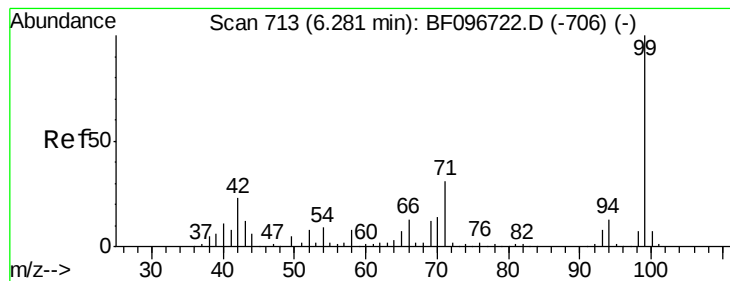
2-Fluorophenol
 Concen: 99.96 ng
 RT: 5.25 min Scan# 554
 Delta R.T. 0.01 min
 Lab File: BF096760.D
 Acq: 14 Jul 2017 6:27

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	46.0	69.0
63	33.2	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: 83.94 ng

RT: 6.29 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF096760.D

Acq: 14 Jul 2017 6:27

Instrument :

BNA_F

ClientSampleId :

E2-04-WSW

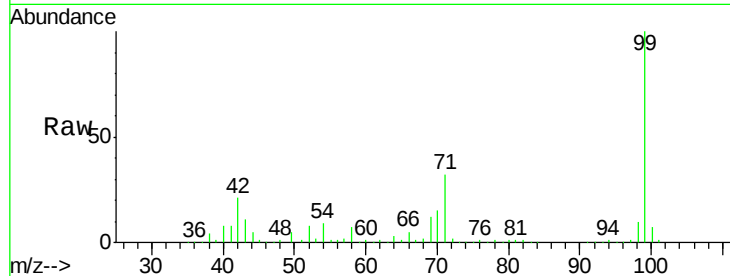
Tot Ion: 99 Resp: 696558

Ion Ratio Lower Upper

99 100

42 21.3 13.5 20.3#

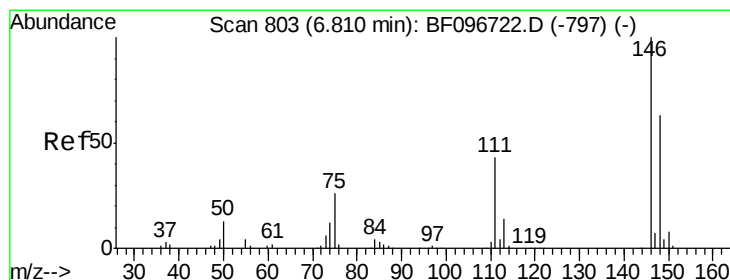
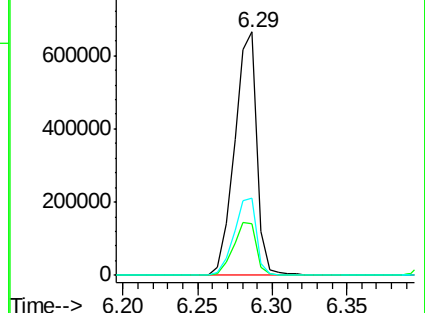
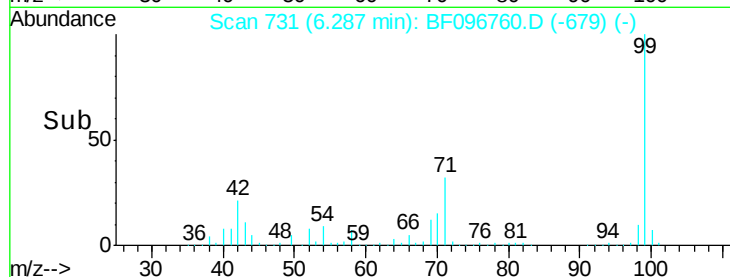
71 31.9 24.5 36.7



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



#14

1,2-Dichlorobenzene

Concen: 2.10 ng

RT: 6.81 min Scan# 820

Delta R.T. -0.00 min

Lab File: BF096760.D

Acq: 14 Jul 2017 6:27

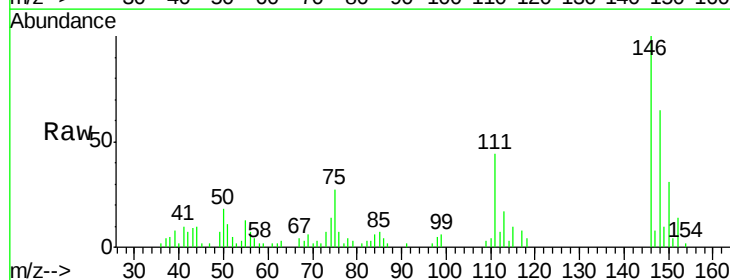
Tgt Ion: 146 Resp: 15305

Ion Ratio Lower Upper

146 100

148 64.7 50.4 75.6

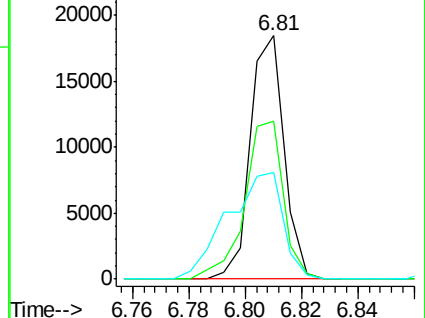
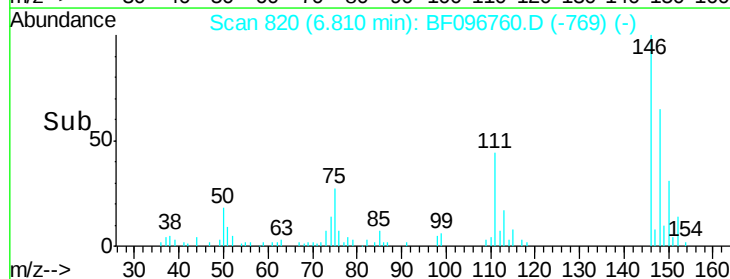
111 43.9 38.2 57.4

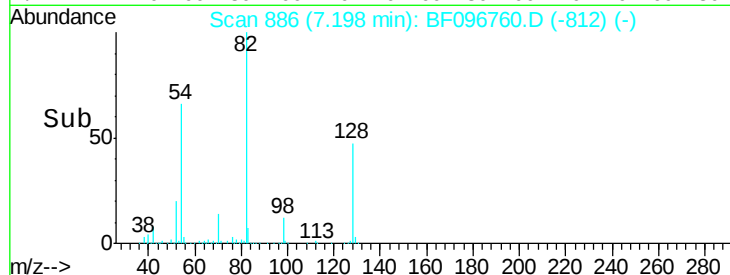
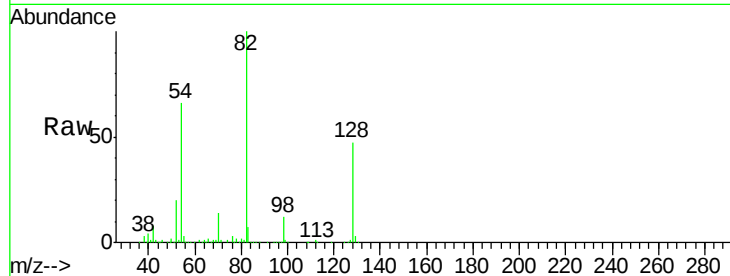
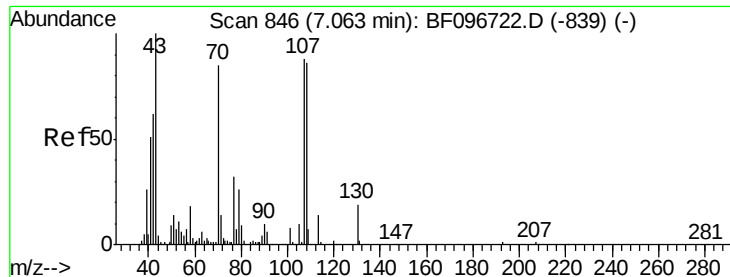


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

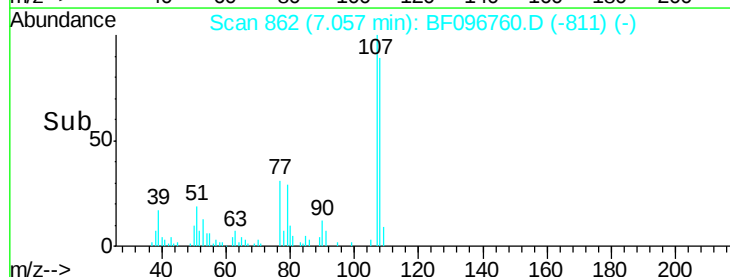
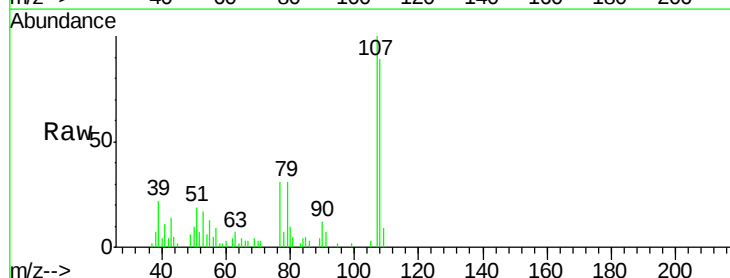
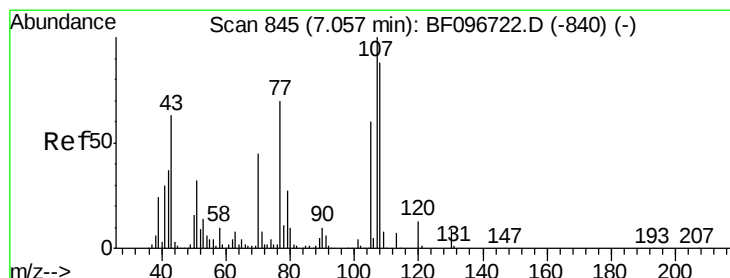
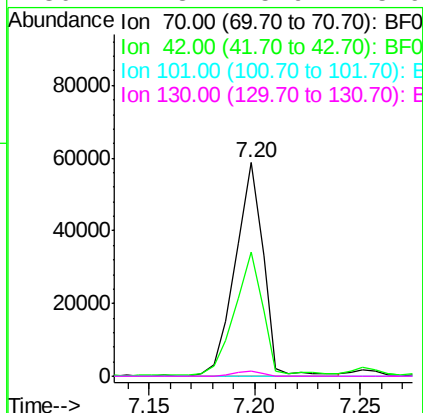




#19
n-Nitroso-di-n-propylamine
Concen: 10.81 ng
RT: 7.20 min Scan# 886
Delta R.T. 0.14 min
Lab File: BF096760.D
Acq: 14 Jul 2017 6:27

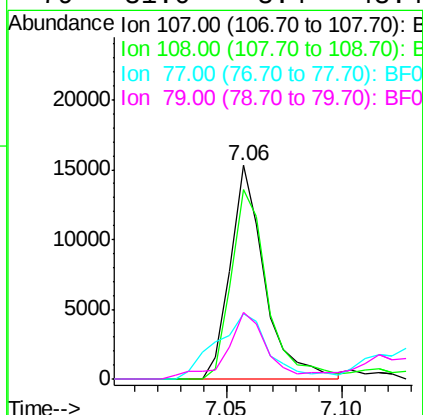
Instrument :
BNA_F
ClientSampleId :
E2-04-WSW

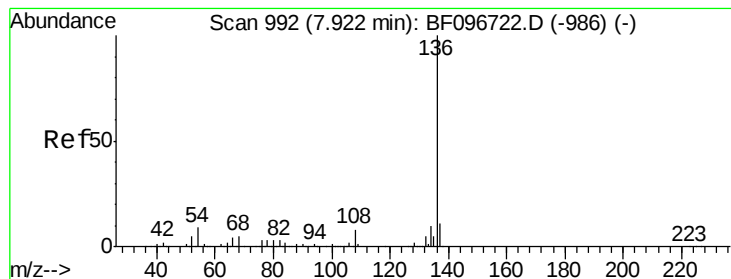
Tot Ion:	70	Resp:	54036
Ion	Ratio	Lower	Upper
70	100		
42	58.4	47.2	70.8
101	0.0	7.2	10.8#
130	2.3	15.9	23.9#



#20
3+4-Methylphenols
Concen: 2.27 ng
RT: 7.06 min Scan# 862
Delta R.T. -0.00 min
Lab File: BF096760.D
Acq: 14 Jul 2017 6:27

Tgt Ion:	107	Resp:	15967
Ion	Ratio	Lower	Upper
107	100		
108	88.8	71.0	111.0
77	30.6	90.5	130.5#
79	31.0	8.4	48.4





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 1009

Delta R.T. -0.00 min

Lab File: BF096760.D

Acq: 14 Jul 2017 6:27

Instrument :

BNA_F

ClientSampleId :

E2-04-WSW

Tot Ion:136 Resp: 423817

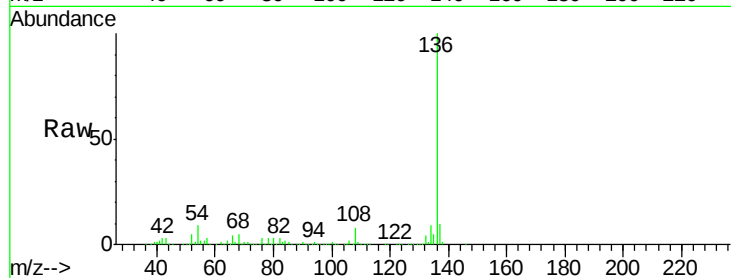
Ion Ratio Lower Upper

136 100

137 10.3 8.5 12.7

54 9.2 4.9 7.3#

68 4.9 4.1 6.1

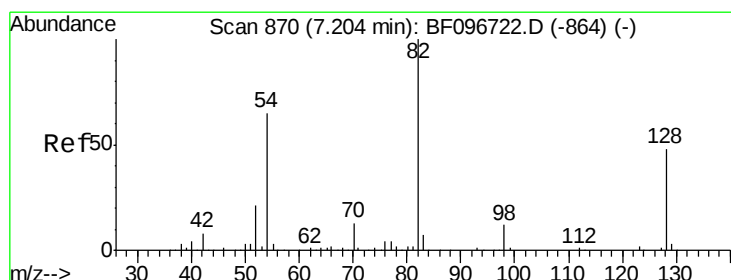
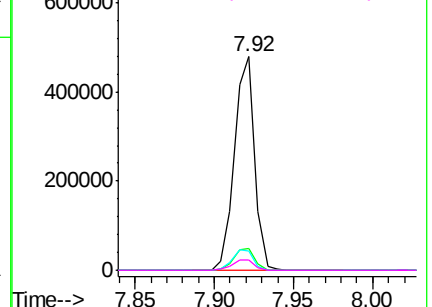
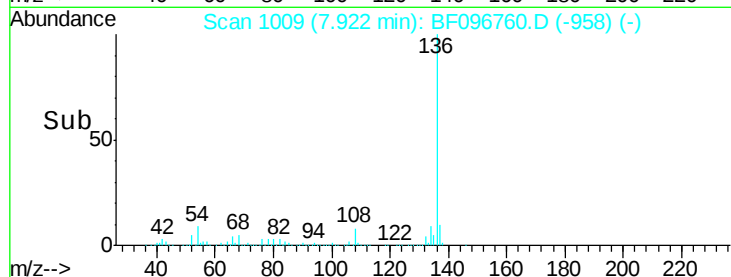


Abundance Ion 136.00 (135.70 to 136.70): E

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: 56.80 ng

RT: 7.20 min Scan# 886

Delta R.T. -0.01 min

Lab File: BF096760.D

Acq: 14 Jul 2017 6:27

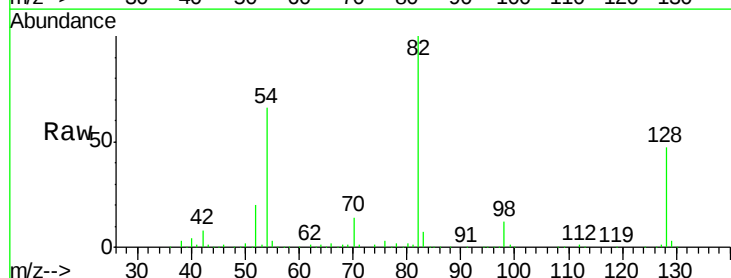
Tgt Ion: 82 Resp: 388646

Ion Ratio Lower Upper

82 100

128 47.0 34.0 51.0

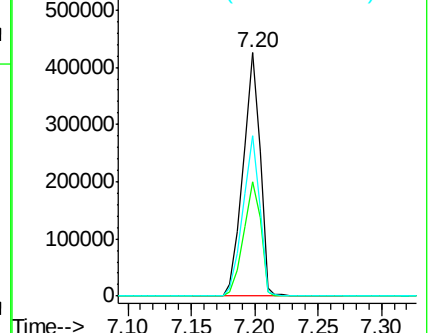
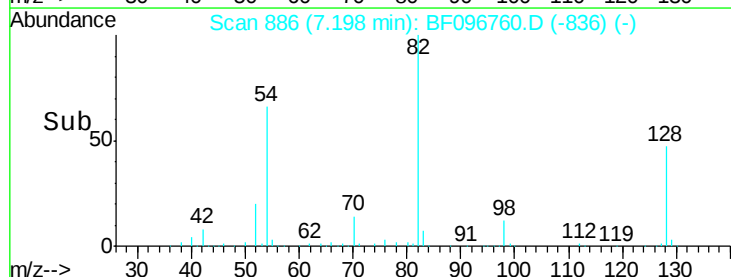
54 65.8 42.2 63.2#

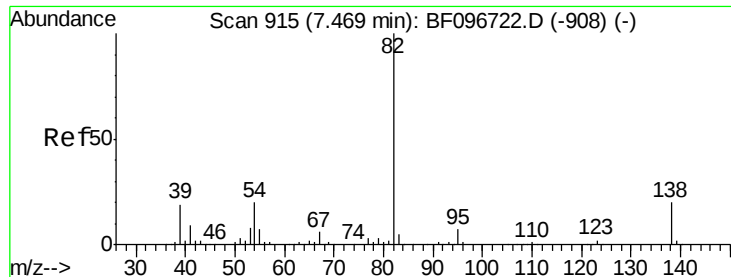


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 29.62 ng

RT: 7.20 min Scan# 886

Delta R.T. -0.27 min

Lab File: BF096760.D

Acq: 14 Jul 2017 6:27

Instrument :

BNA_F

ClientSampleId :

E2-04-WSW

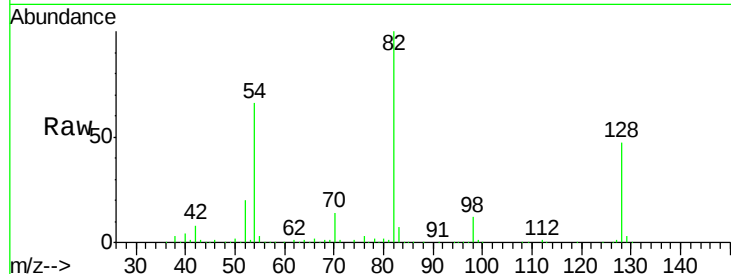
Tot Ion: 82 Resp: 377047

Ion Ratio Lower Upper

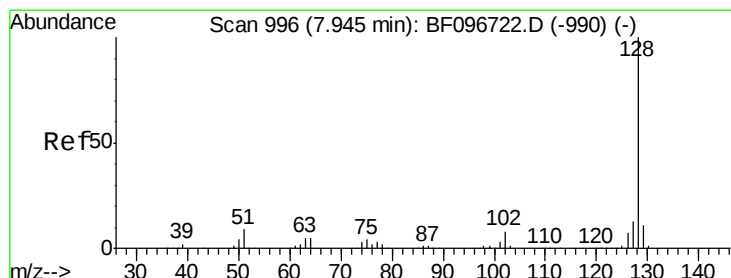
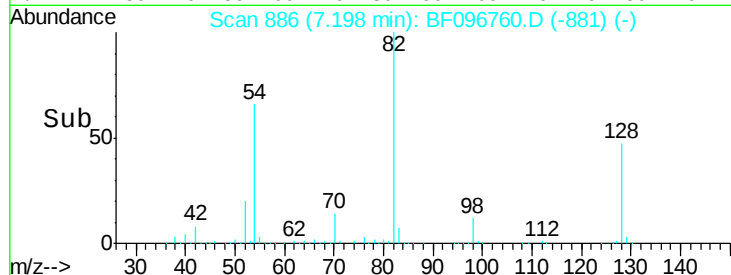
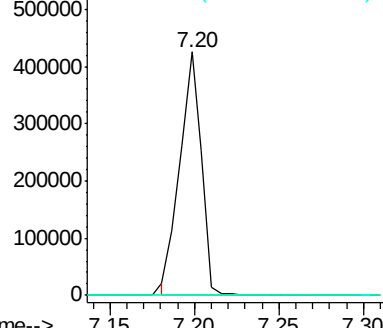
82 100

95 0.1 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#31

Naphthalene

Concen: 6.65 ng

RT: 7.94 min Scan# 1012

Delta R.T. -0.01 min

Lab File: BF096760.D

Acq: 14 Jul 2017 6:27

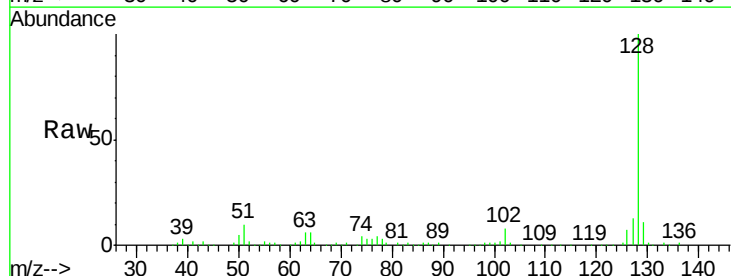
Tgt Ion: 128 Resp: 133591

Ion Ratio Lower Upper

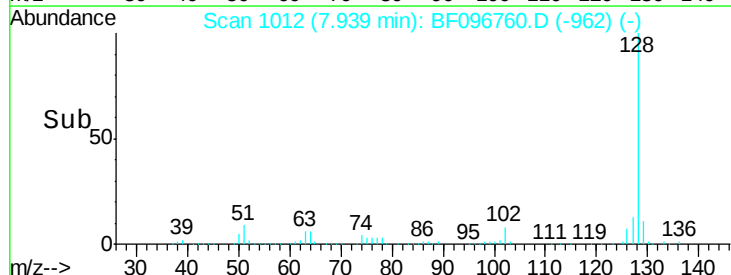
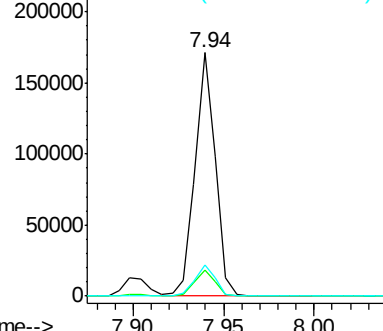
128 100

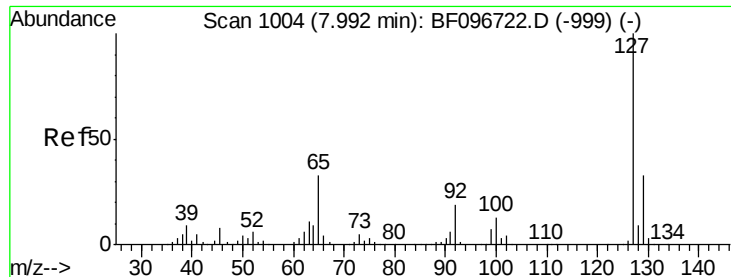
129 10.7 9.0 13.6

127 12.8 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

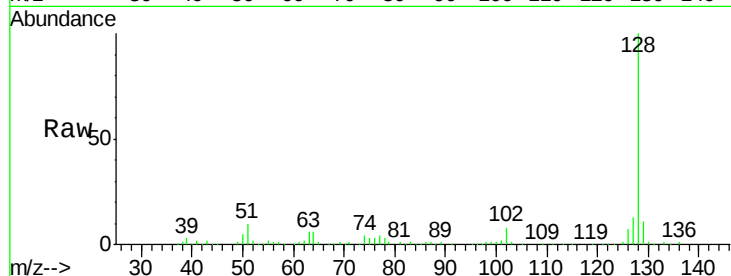




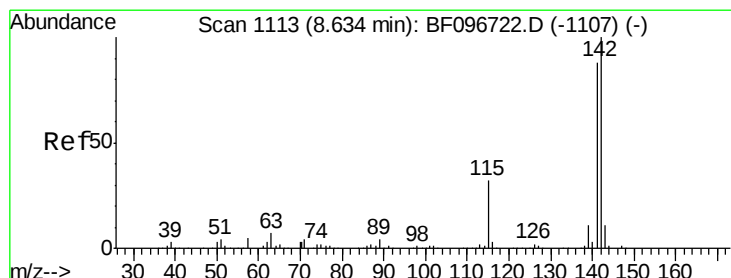
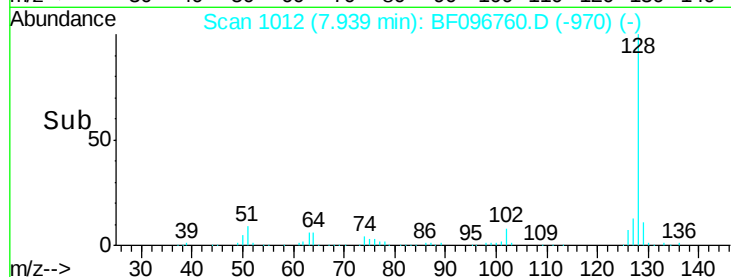
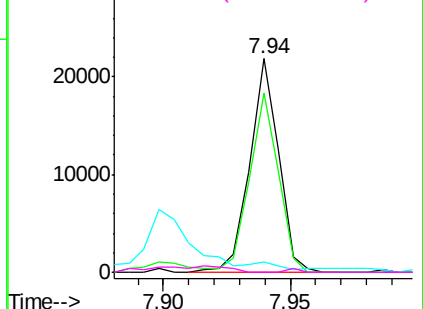
#33
4-Chloroaniline
Concen: 2.19 ng
RT: 7.94 min Scan# 1012
Delta R.T. -0.05 min
Lab File: BF096760.D
Acq: 14 Jul 2017 6:27

Instrument :
BNA_F
ClientSampleId :
E2-04-WSW

Tot Ion:127	Resp:	17391
Ion Ratio	Lower	Upper
127 100		
129 83.8	26.2	39.2#
65 4.7	27.8	41.8#
92 0.0	16.8	25.2#

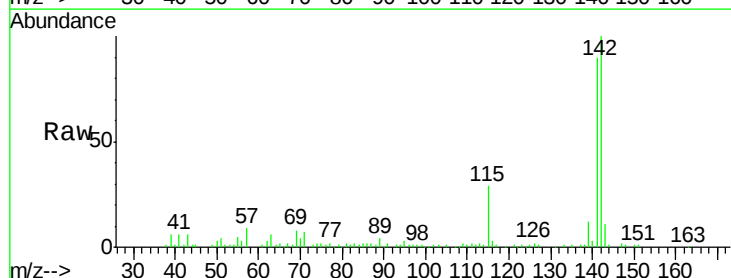


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF0
Ion 92.00 (91.70 to 92.70): BF0

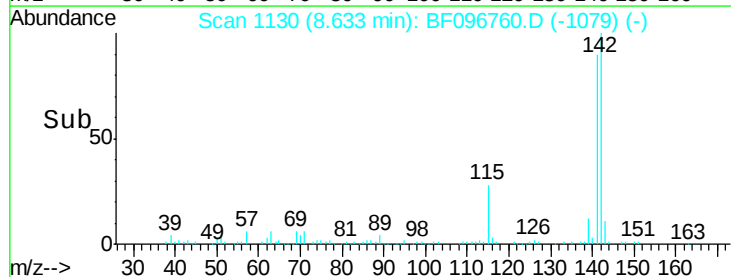
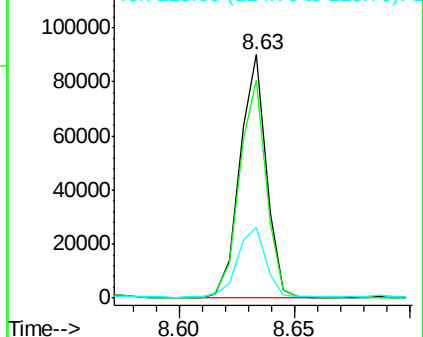


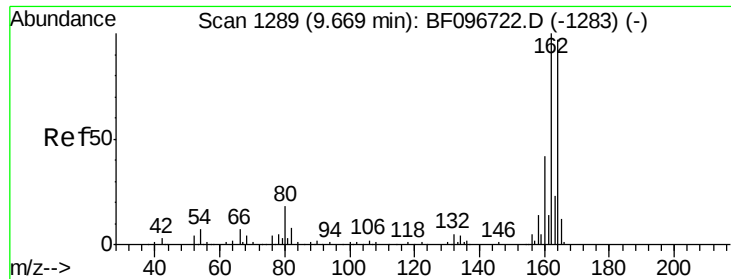
#37
2-Methylnaphthalene
Concen: 5.66 ng
RT: 8.63 min Scan# 1130
Delta R.T. -0.00 min
Lab File: BF096760.D
Acq: 14 Jul 2017 6:27

Tgt Ion:142	Resp:	72412
Ion Ratio	Lower	Upper
142 100		
141 89.6	71.3	106.9
115 29.0	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

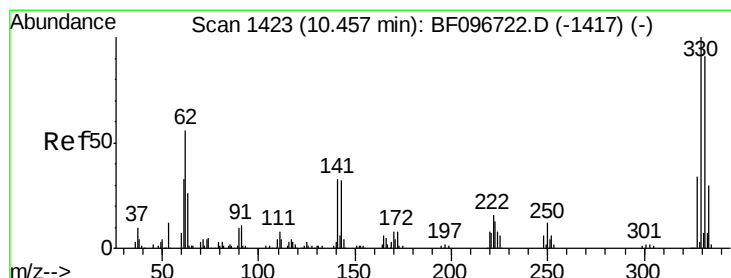
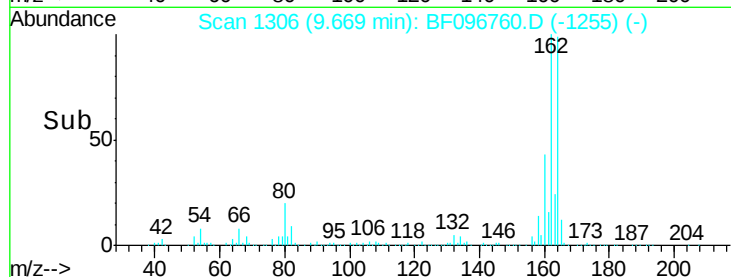
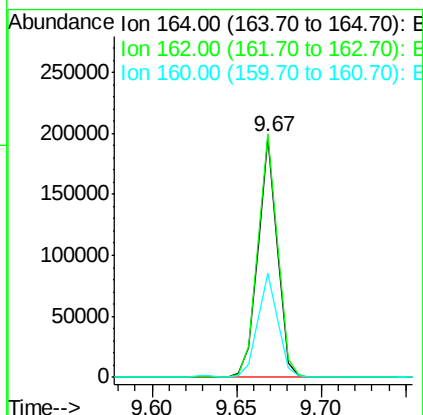
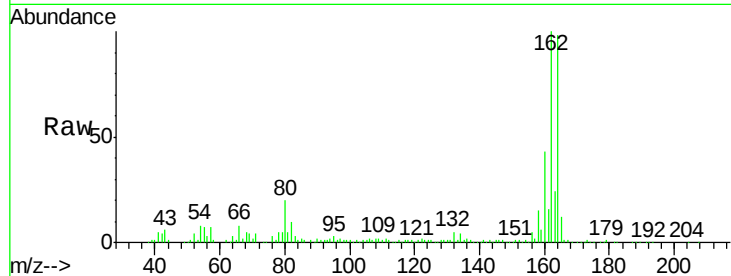




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.67 min Scan# 1306
 Delta R.T. -0.00 min
 Lab File: BF096760.D
 Acq: 14 Jul 2017 6:27

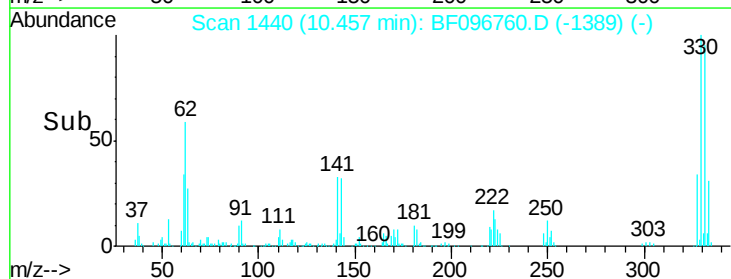
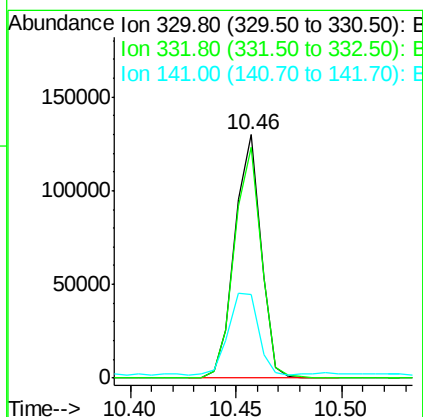
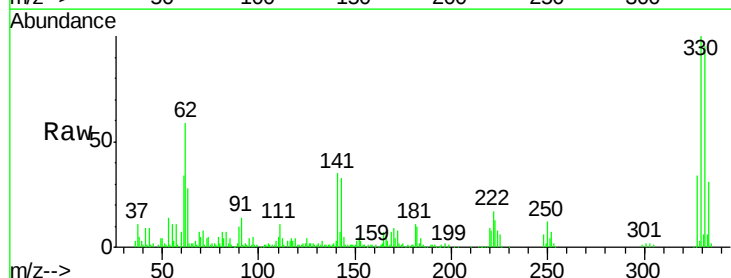
Instrument :
 BNA_F
 ClientSampleId :
 E2-04-WSW

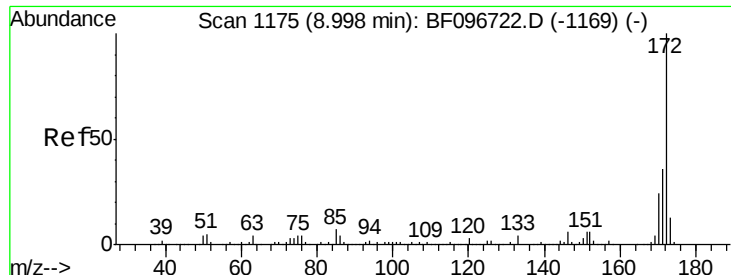
Tot Ion:164 Resp: 159772
 Ion Ratio Lower Upper
 164 100
 162 101.5 82.6 123.8
 160 43.4 36.2 54.2



#41
 2,4,6-Tribromophenol
 Concen: 81.77 ng
 RT: 10.46 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF096760.D
 Acq: 14 Jul 2017 6:27

Tgt Ion:330 Resp: 111511
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 39.1 31.4 47.2

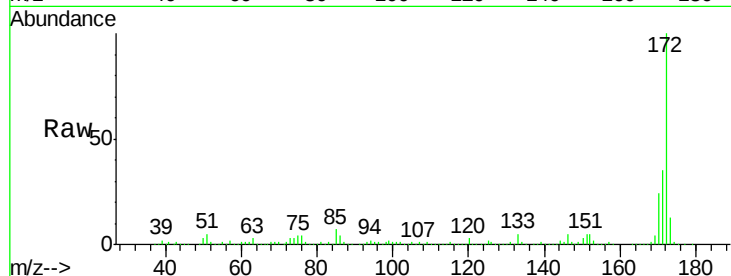




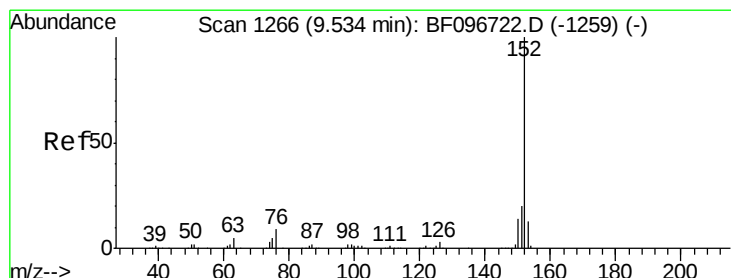
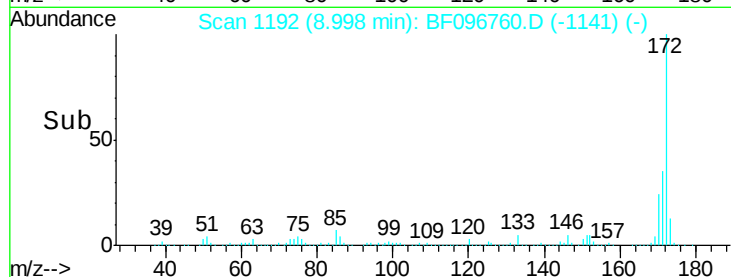
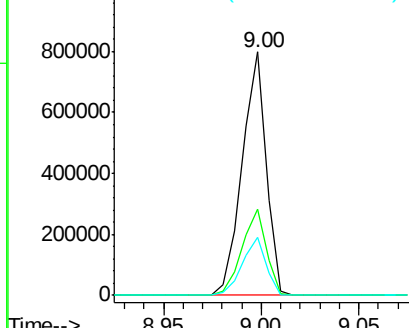
#44
 2-Fluorobiphenyl
 Concen: 67.47 ng
 RT: 9.00 min Scan# 1192
 Delta R.T. -0.00 min
 Lab File: BF096760.D
 Acq: 14 Jul 2017 6:27

Instrument :
 BNA_F
 ClientSampleId :
 E2-04-WSW

Tot Ion:172 Resp: 682273
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.7 19.8 29.8

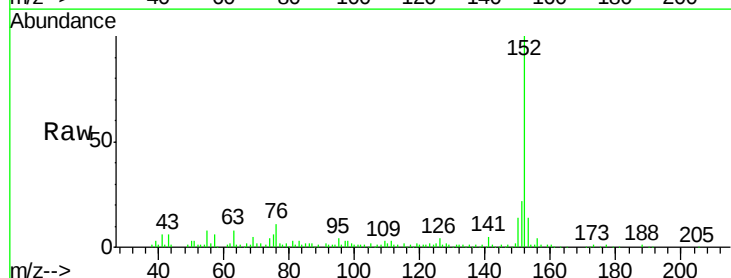


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

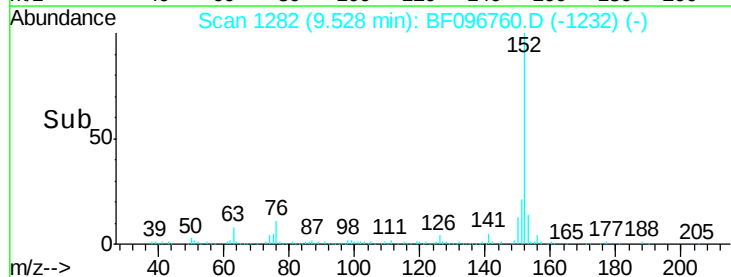
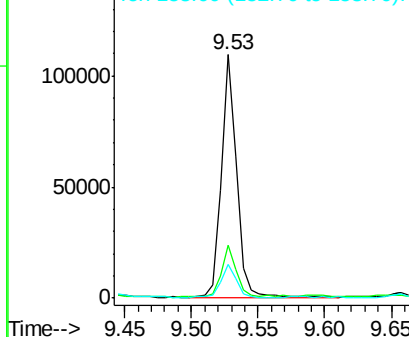


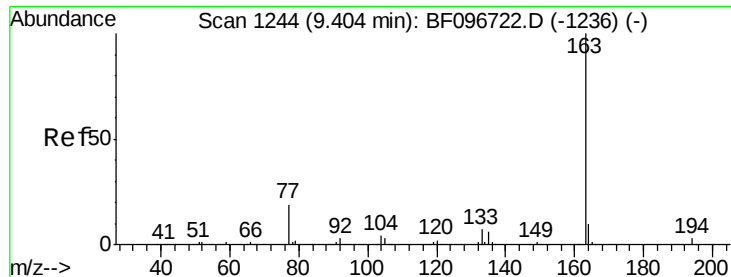
#48
 Acenaphthylene
 Concen: 5.49 ng
 RT: 9.53 min Scan# 1282
 Delta R.T. -0.01 min
 Lab File: BF096760.D
 Acq: 14 Jul 2017 6:27

Tgt Ion:152 Resp: 88306
 Ion Ratio Lower Upper
 152 100
 151 21.9 16.8 25.2
 153 13.6 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

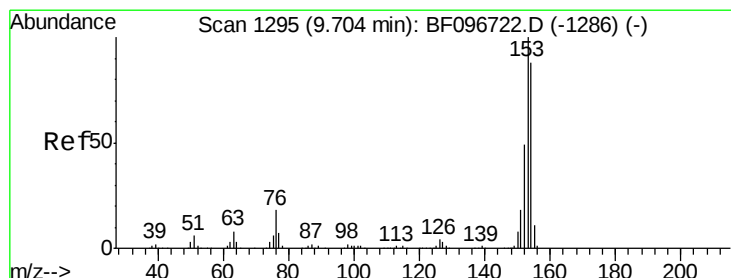
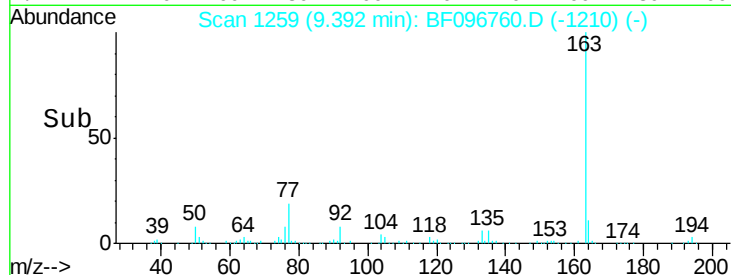
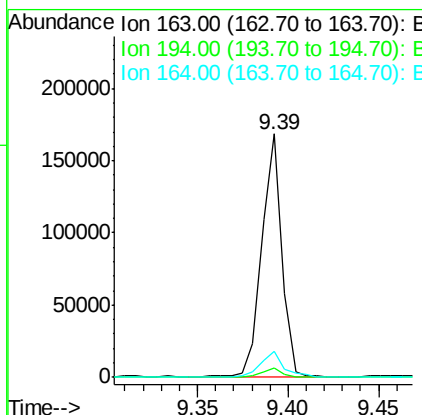
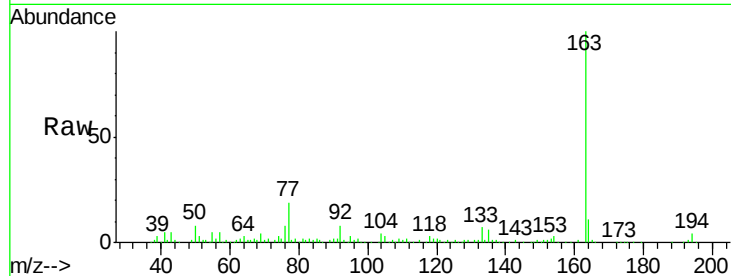




#49
 Dimethylphthalate
 Concen: 10.74 ng
 RT: 9.39 min Scan# 1259
 Delta R.T. -0.01 min
 Lab File: BF096760.D
 Acq: 14 Jul 2017 6:27

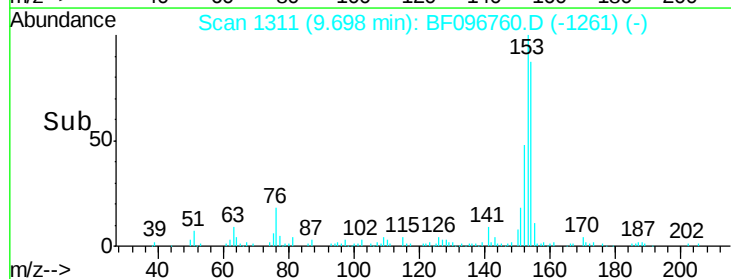
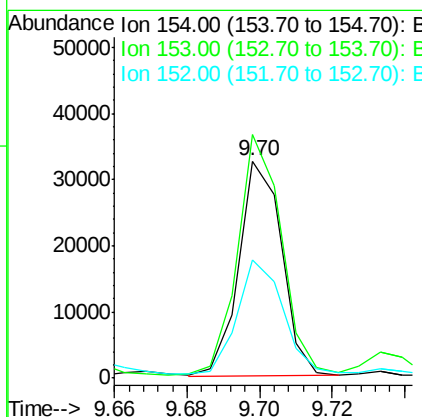
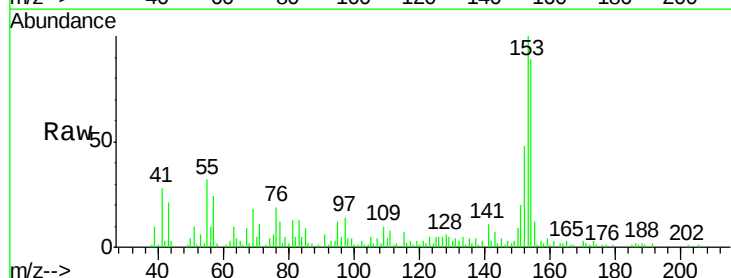
Instrument :
 BNA_F
 ClientSampleId :
 E2-04-WSW

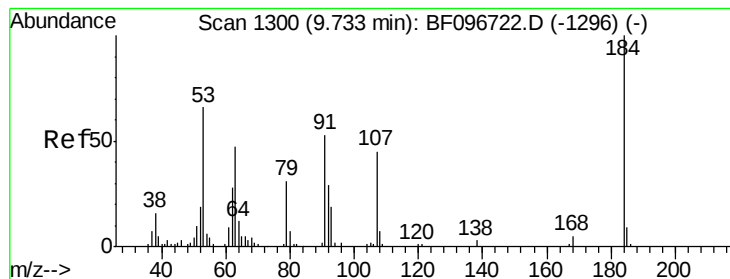
Tot Ion:163	Resp:	129211
Ion Ratio	Lower	Upper
163	100	
194	3.6	2.6 4.0
164	10.6	8.4 12.6



#51
 Acenaphthene
 Concen: 2.82 ng
 RT: 9.70 min Scan# 1311
 Delta R.T. -0.01 min
 Lab File: BF096760.D
 Acq: 14 Jul 2017 6:27

Tgt Ion:154	Resp:	26819
Ion Ratio	Lower	Upper
154	100	
153	112.1	90.5 135.7
152	54.3	43.6 65.4





#53

2,4-Dinitrophenol

Concen: 7.04 ng

RT: 9.96 min Scan# 1355

Delta R.T. 0.22 min

Lab File: BF096760.D

Acq: 14 Jul 2017 6:27

Instrument :

BNA_F

ClientSampleId :

E2-04-WSW

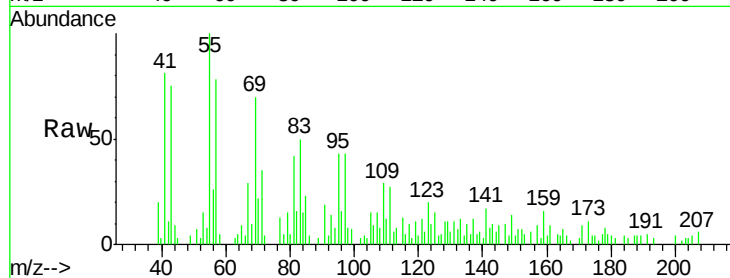
Tot Ion:184 Resp: 426

Ion Ratio Lower Upper

184 100

63 71.7 62.7 94.1

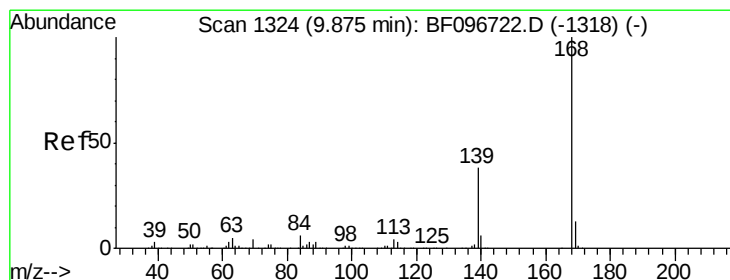
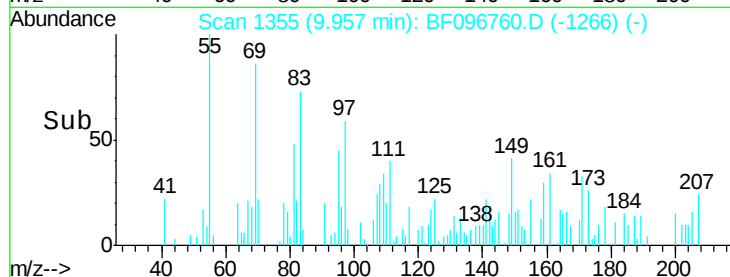
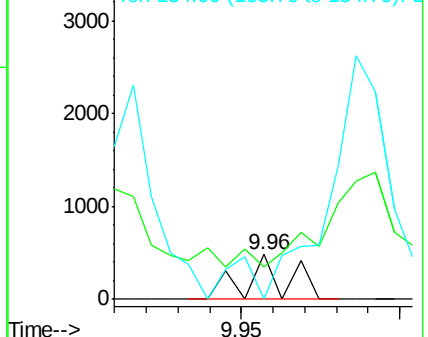
154 0.0 81.1 121.7#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 2.18 ng

RT: 9.87 min Scan# 1340

Delta R.T. -0.01 min

Lab File: BF096760.D

Acq: 14 Jul 2017 6:27

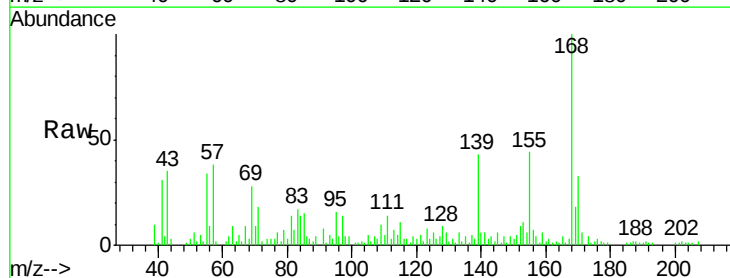
Tgt Ion:168 Resp: 29009

Ion Ratio Lower Upper

168 100

139 43.4 30.6 45.8

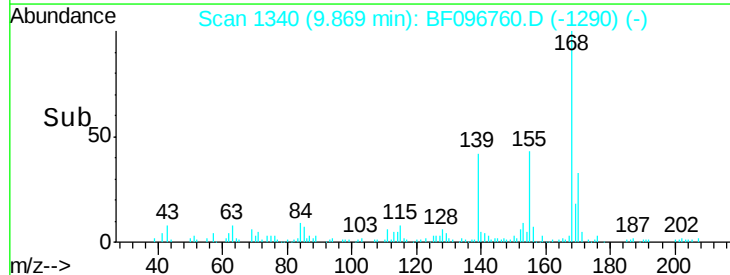
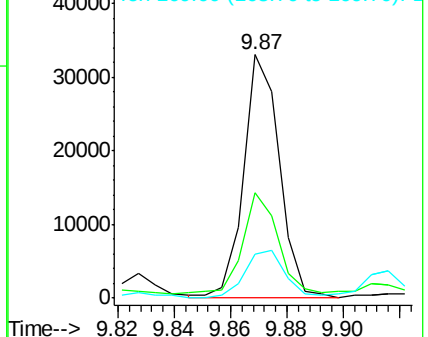
169 18.3 10.8 16.2#

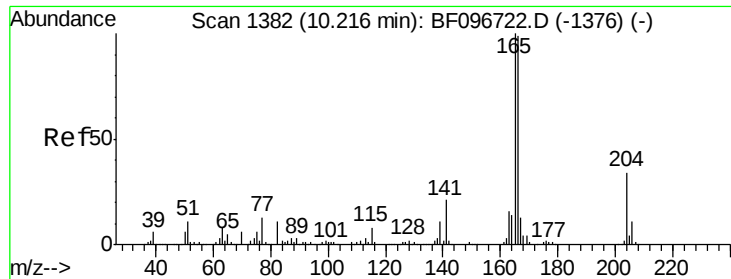


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#57

Fluorene

Concen: 3.66 ng

RT: 10.22 min Scan# 1399

Delta R.T. 0.00 min

Lab File: BF096760.D

Acq: 14 Jul 2017 6:27

Instrument :

BNA_F

ClientSampleId :

E2-04-WSW

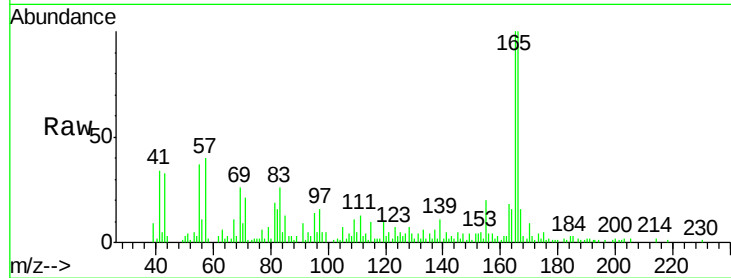
Tot Ion:166 Resp: 36039

Ion Ratio Lower Upper

166 100

165 100.3 78.8 118.2

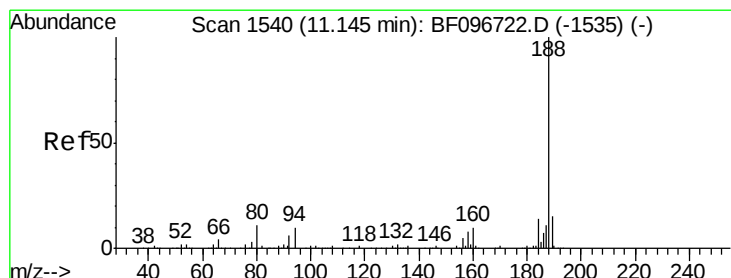
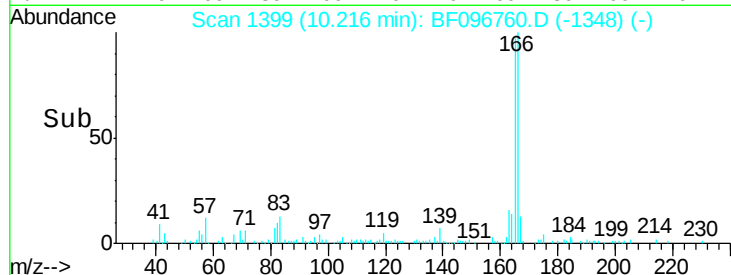
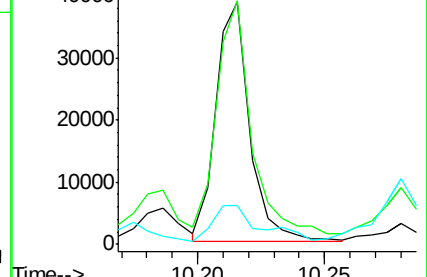
167 15.9 10.6 16.0



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: 20.00 ng

RT: 11.15 min Scan# 1558

Delta R.T. 0.01 min

Lab File: BF096760.D

Acq: 14 Jul 2017 6:27

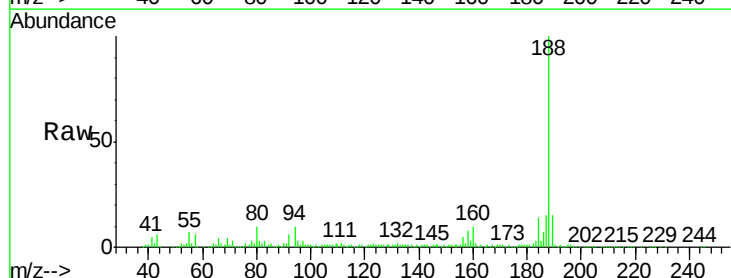
Tgt Ion:188 Resp: 220384

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

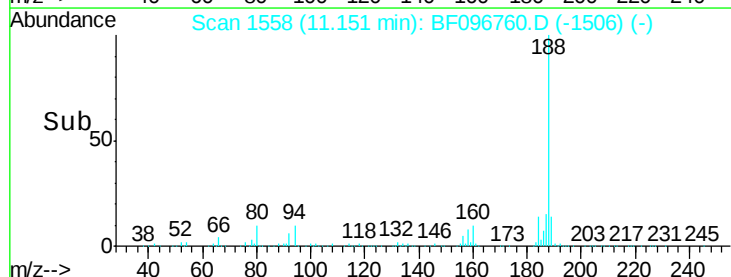
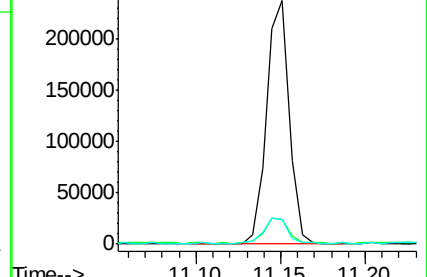
80 10.2 10.2 15.2

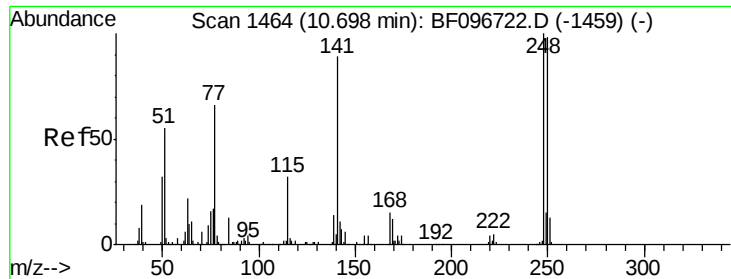


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

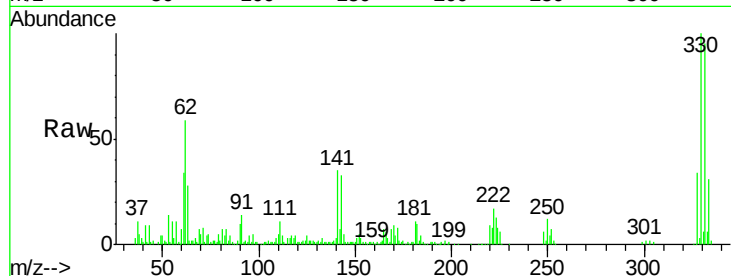




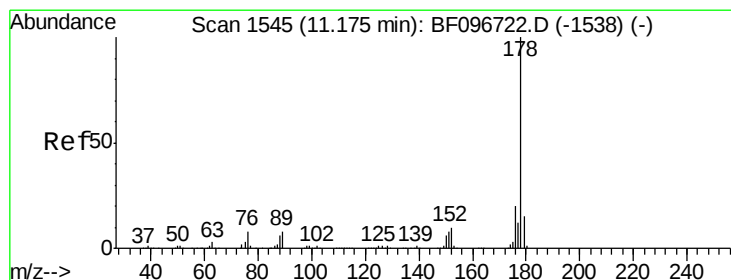
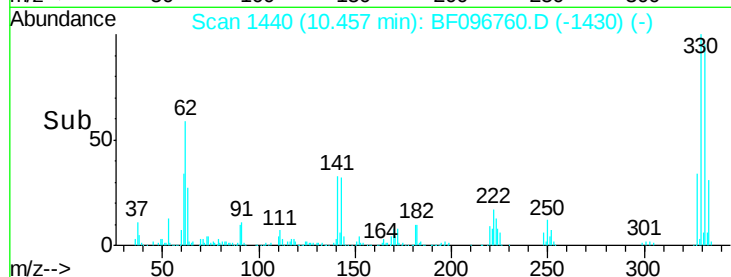
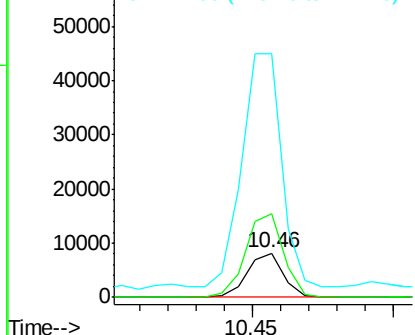
#66
 4-Bromophenyl-phenylether
 Concen: 3.24 ng
 RT: 10.46 min Scan# 1440
 Delta R.T. -0.24 min
 Lab File: BF096760.D
 Acq: 14 Jul 2017 6:27

Instrument :
 BNA_F
 ClientSampleId :
 E2-04-WSW

Tot Ion:248 Resp: 7284
 Ion Ratio Lower Upper
 248 100
 250 187.4 76.8 115.2#
 141 545.7 68.6 103.0#

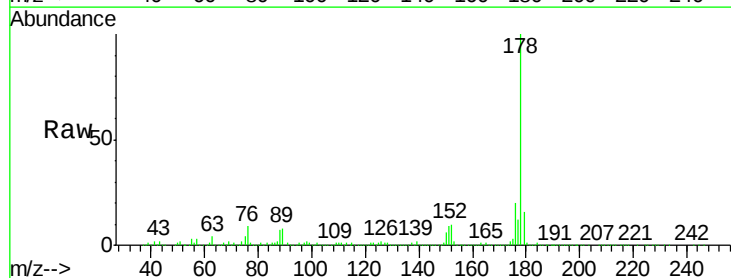


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

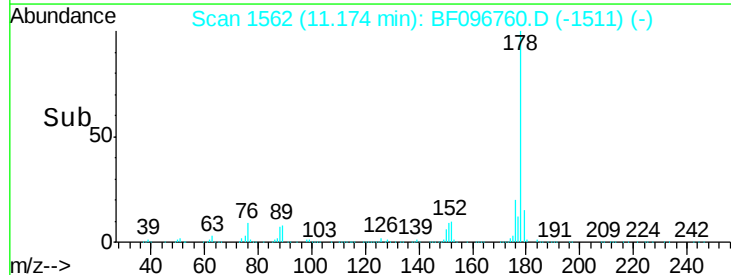
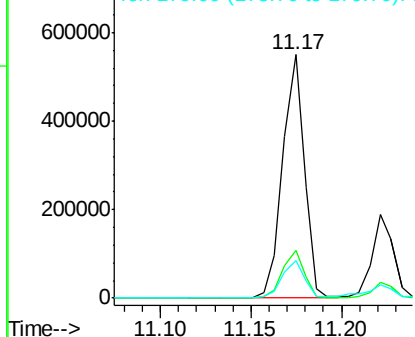


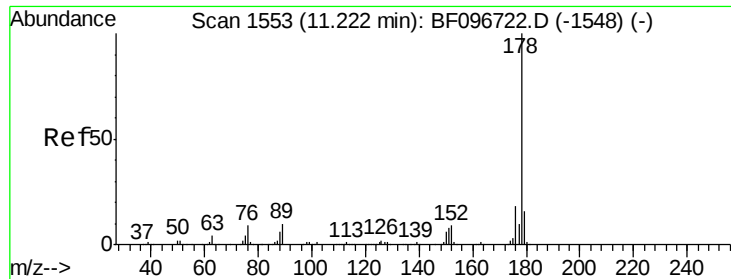
#70
 Phenanthrene
 Concen: 38.31 ng
 RT: 11.17 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF096760.D
 Acq: 14 Jul 2017 6:27

Tgt Ion:178 Resp: 459125
 Ion Ratio Lower Upper
 178 100
 176 19.8 16.2 24.4
 179 15.6 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

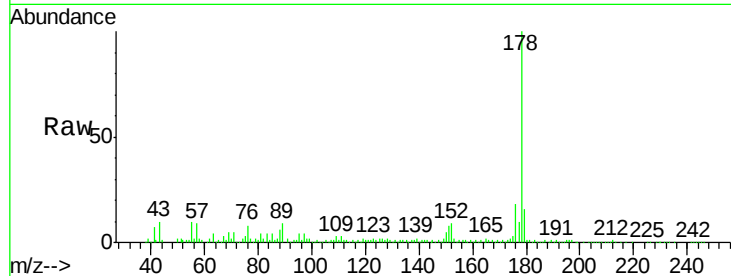




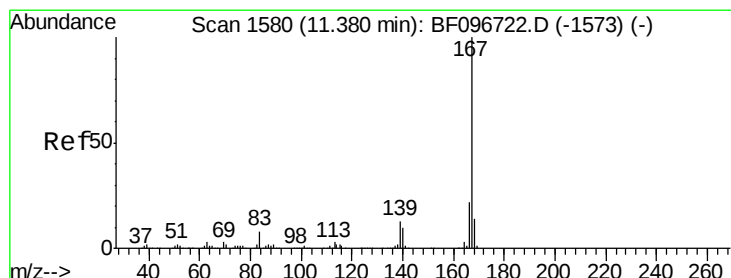
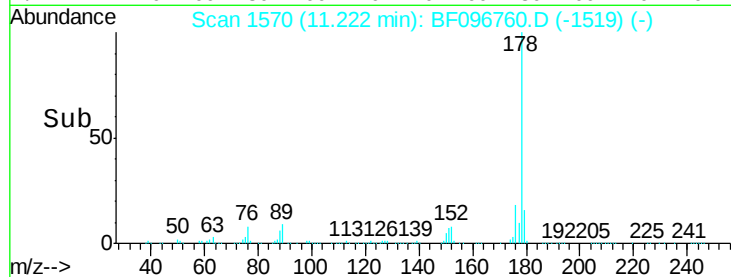
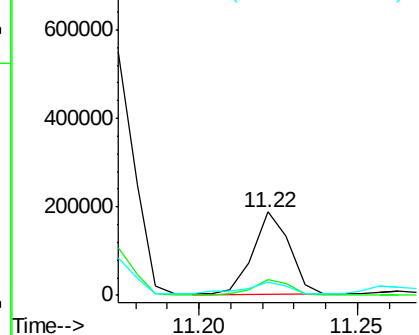
#71
 Anthracene
 Concen: 12.38 ng
 RT: 11.22 min Scan# 1570
 Delta R.T. -0.00 min
 Lab File: BF096760.D
 Acq: 14 Jul 2017 6:27

Instrument :
 BNA_F
 ClientSampleId :
 E2-04-WSW

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.8	23.8
179	16.5	12.7	19.1

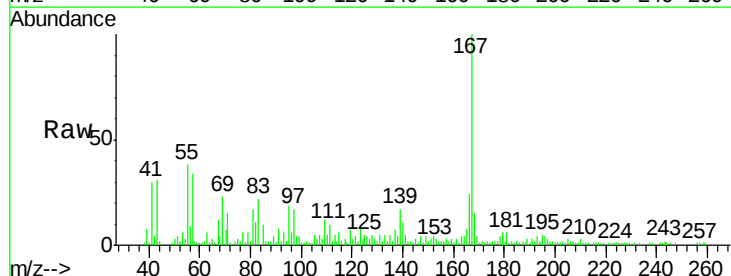


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

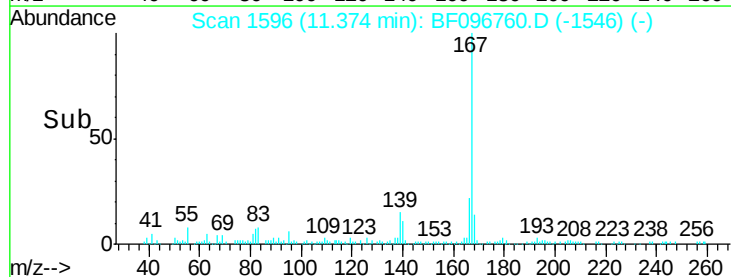
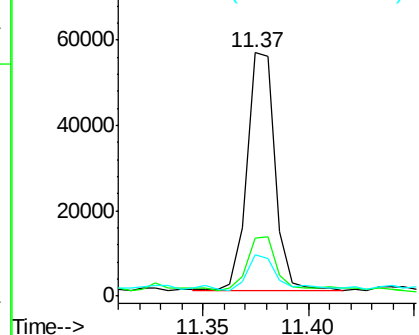


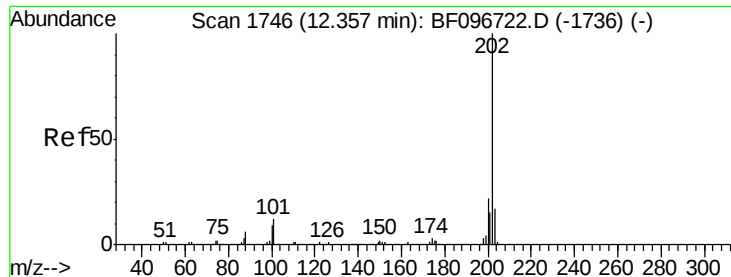
#72
 Carbazole
 Concen: 4.34 ng
 RT: 11.37 min Scan# 1596
 Delta R.T. -0.01 min
 Lab File: BF096760.D
 Acq: 14 Jul 2017 6:27

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.8	18.1	27.1
139	17.2	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: 78.09 ng

RT: 12.37 min Scan# 1765

Delta R.T. 0.01 min

Lab File: BF096760.D

Acq: 14 Jul 2017 6:27

Instrument :

BNA_F

ClientSampleId :

E2-04-WSW

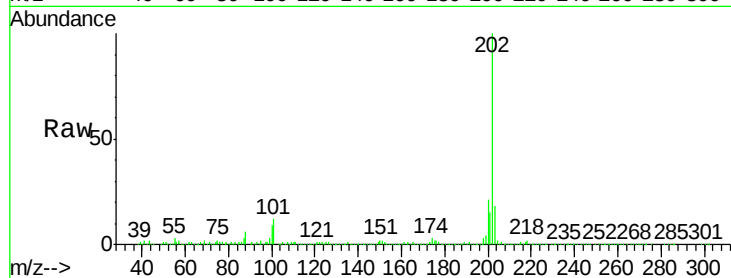
Tot Ion:202 Resp: 895696

Ion Ratio Lower Upper

202 100

101 12.1 0.0 33.2

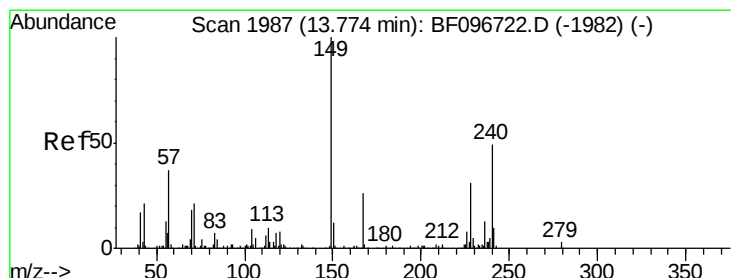
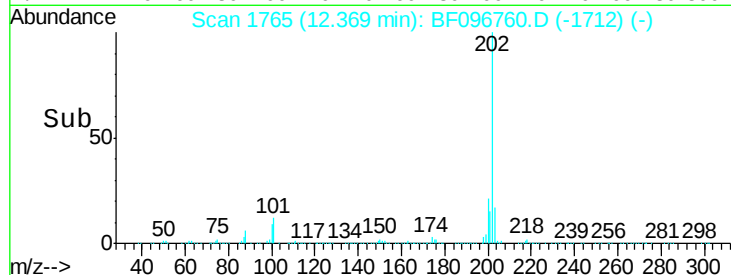
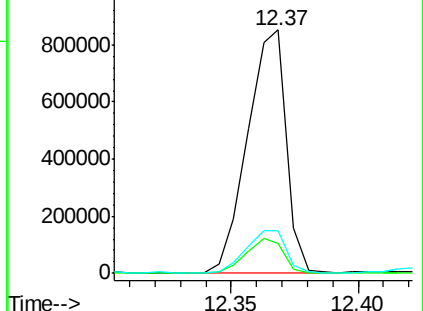
203 17.5 0.0 38.1



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: 13.79 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BF096760.D

Acq: 14 Jul 2017 6:27

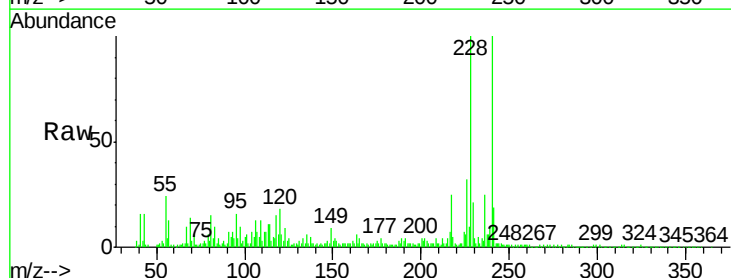
Tgt Ion:240 Resp: 173652

Ion Ratio Lower Upper

240 100

120 18.1 5.8 8.8#

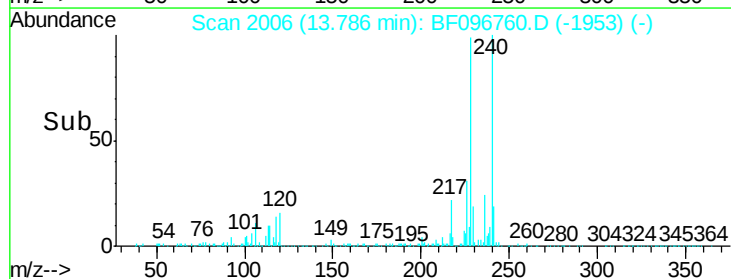
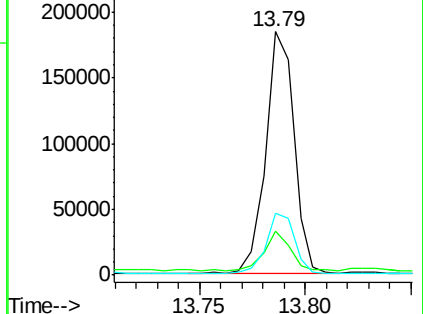
236 25.4 20.5 30.7

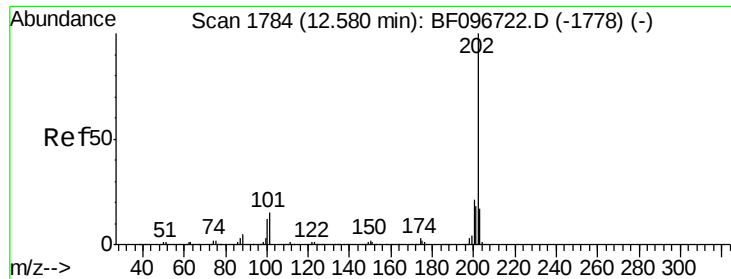


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

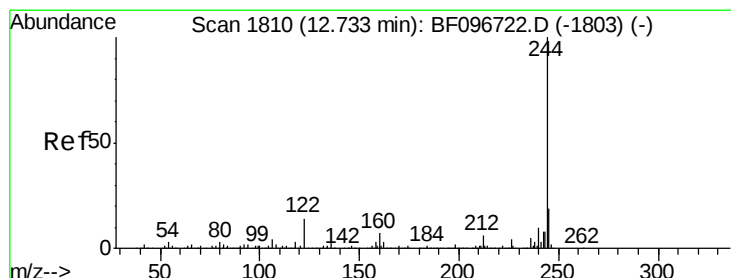
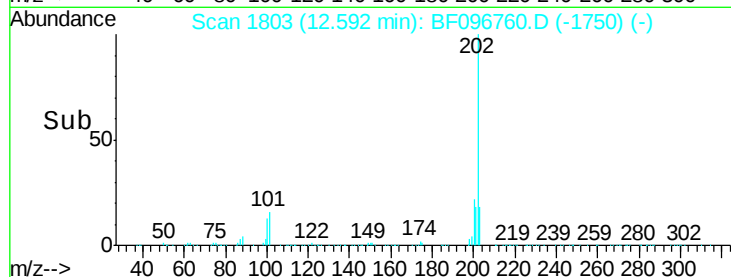
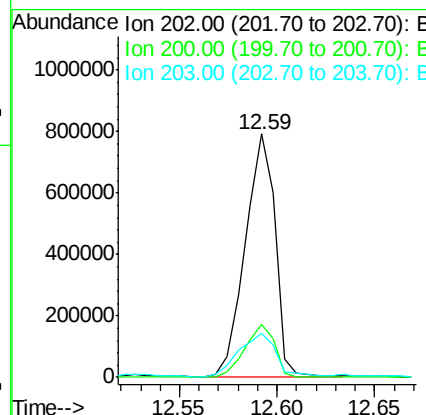
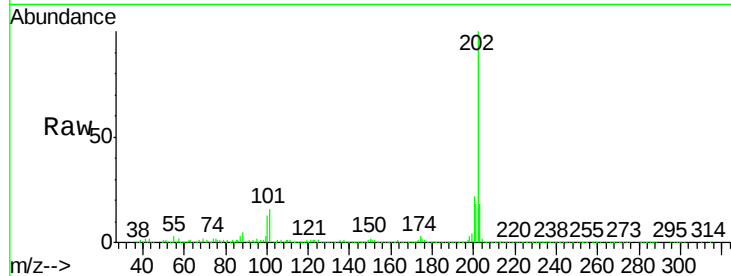




#77
Pvrene
Concen: 52.85 ng
RT: 12.59 min Scan# 1803
Delta R.T. 0.01 min
Lab File: BF096760.D
Acq: 14 Jul 2017 6:27

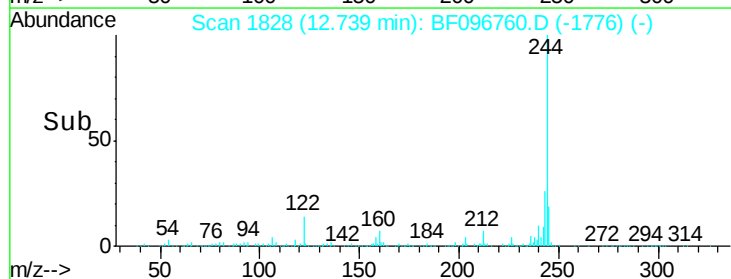
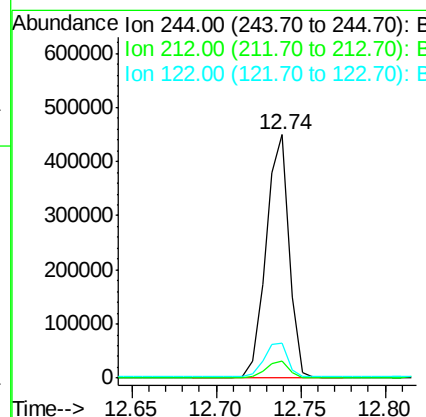
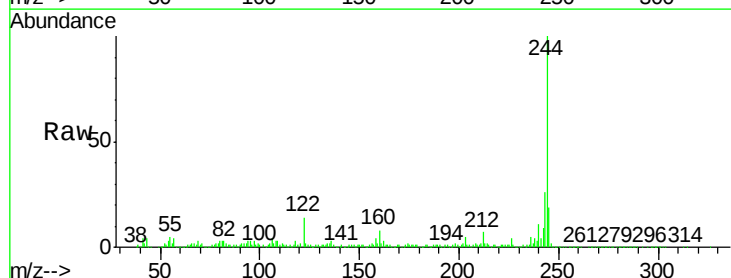
Instrument :
BNA_F
ClientSampleId :
E2-04-WSW

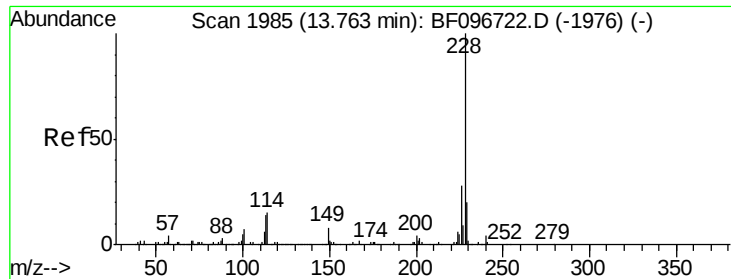
Tot Ion:202 Resp: 832926
Ion Ratio Lower Upper
202 100
200 21.9 17.6 26.4
203 18.2 14.4 21.6



#78
Terphenyl-d14
Concen: 42.21 ng
RT: 12.74 min Scan# 1828
Delta R.T. 0.01 min
Lab File: BF096760.D
Acq: 14 Jul 2017 6:27

Tgt Ion:244 Resp: 422683
Ion Ratio Lower Upper
244 100
212 7.0 6.0 9.0
122 14.1 10.3 15.5





#80

Benzo(a)anthracene

Concen: 35.05 ng

RT: 13.78 min Scan# 2005

Delta R.T. 0.02 min

Lab File: BF096760.D

Acq: 14 Jul 2017 6:27

Instrument :

BNA_F

ClientSampleId :

E2-04-WSW

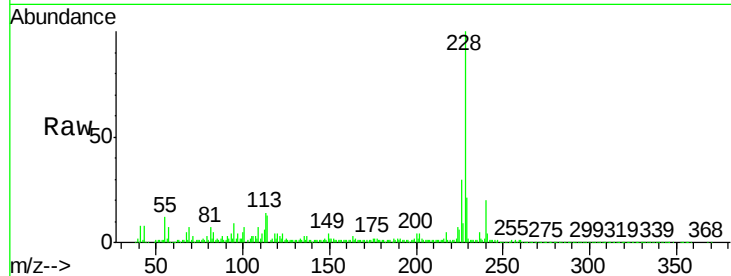
Tot Ion:228 Resp: 379198

Ion Ratio Lower Upper

228 100

226 30.2 22.6 33.8

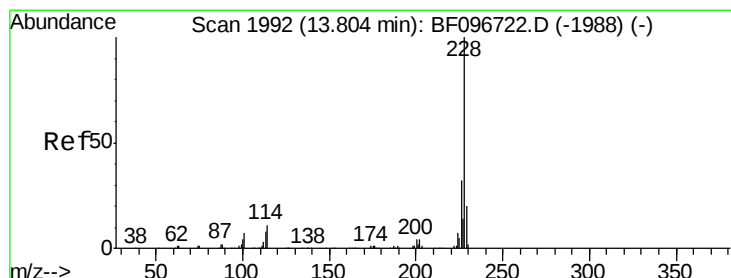
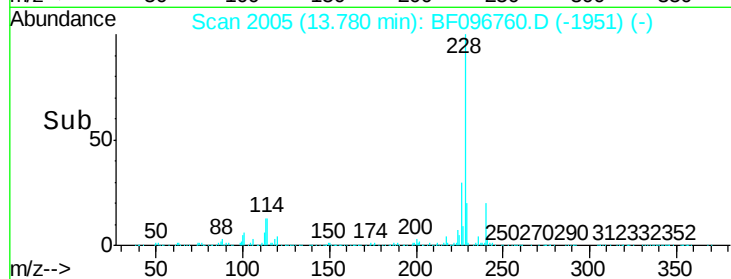
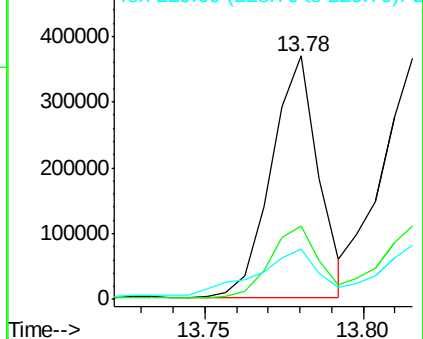
229 20.8 16.3 24.5



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: 35.39 ng

RT: 13.82 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF096760.D

Acq: 14 Jul 2017 6:27

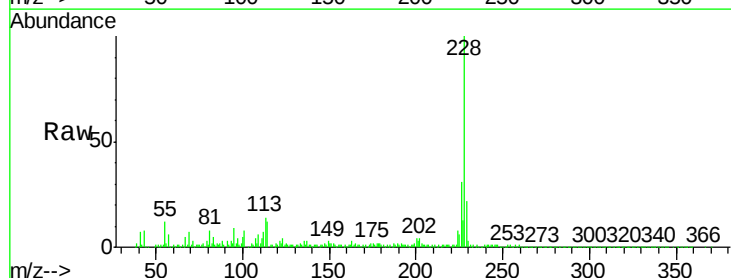
Tgt Ion:228 Resp: 377001

Ion Ratio Lower Upper

228 100

226 30.6 24.9 37.3

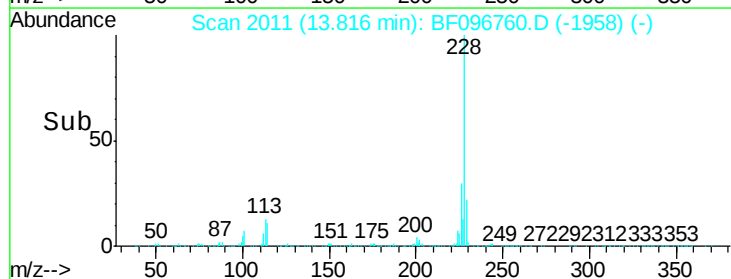
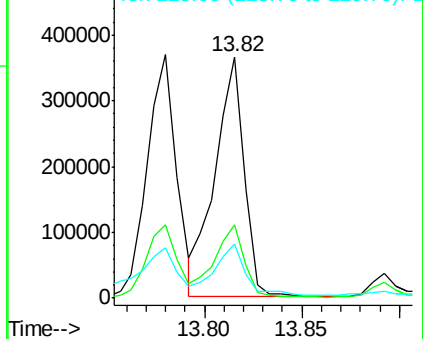
229 22.3 15.8 23.6

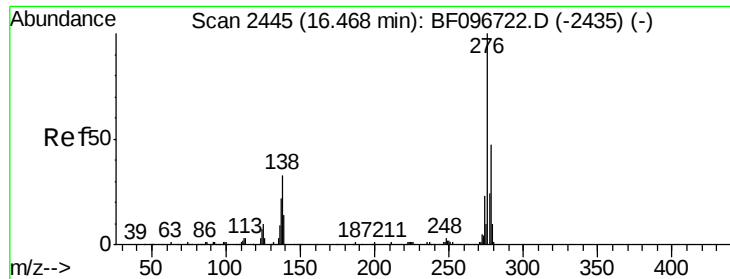


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

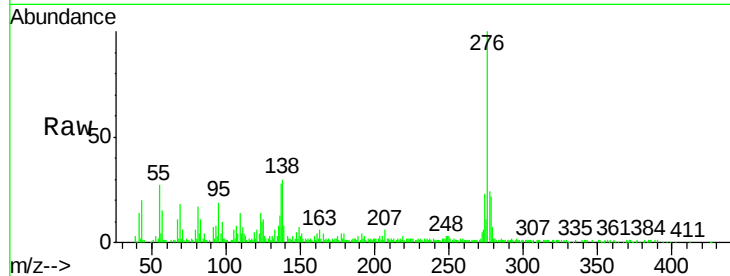




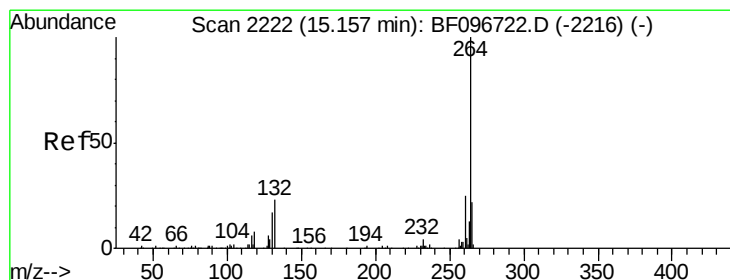
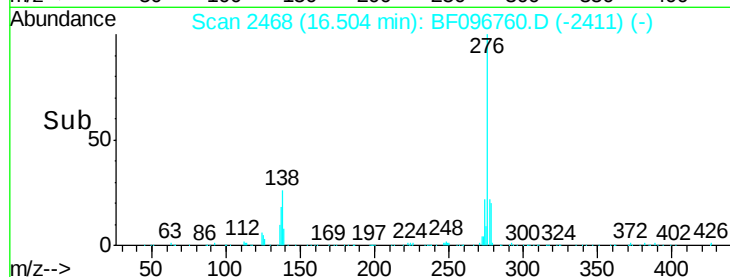
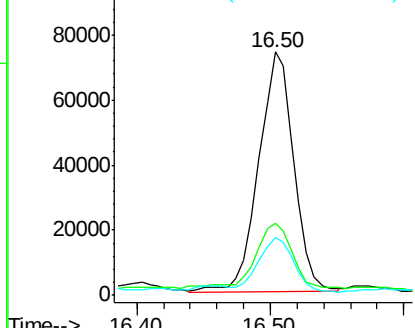
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 16.23 ng
 RT: 16.50 min Scan# 2468
 Delta R.T. 0.04 min
 Lab File: BF096760.D
 Acq: 14 Jul 2017 6:27

Instrument :
 BNA_F
 ClientSampleId :
 E2-04-WSW

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.5	27.8	41.6
277	22.8	20.2	30.4

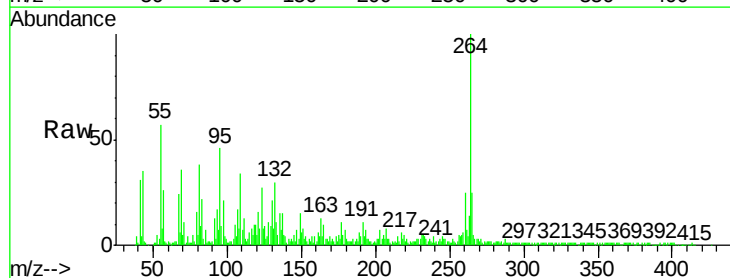


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

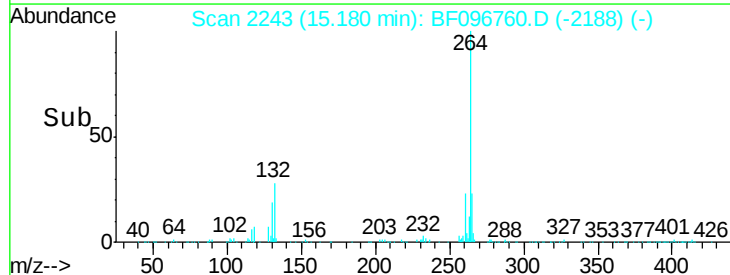
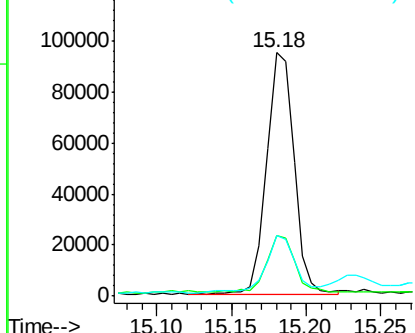


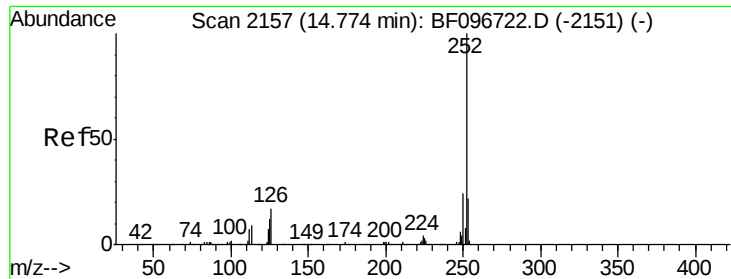
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.18 min Scan# 2243
 Delta R.T. 0.02 min
 Lab File: BF096760.D
 Acq: 14 Jul 2017 6:27

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	25.0	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: 58.82 ng

RT: 14.80 min Scan# 2178

Delta R.T. 0.02 min

Lab File: BF096760.D

Acq: 14 Jul 2017 6:27

Instrument :

BNA_F

ClientSampleId :

E2-04-WSW

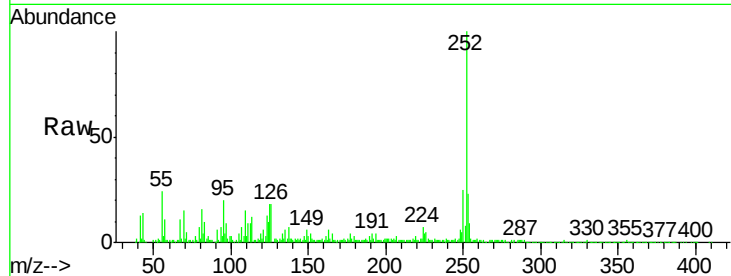
Tot Ion:252 Resp: 430566

Ion Ratio Lower Upper

252 100

253 23.3 18.1 27.1

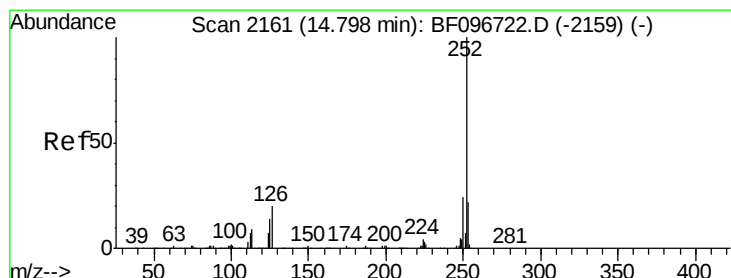
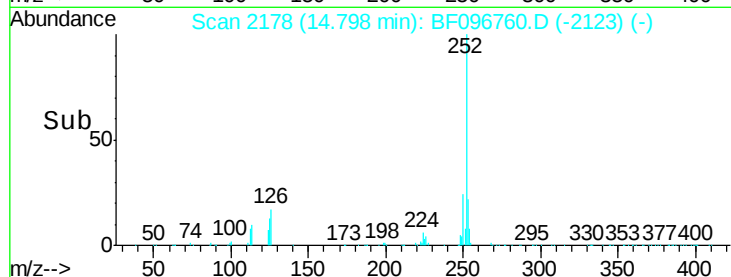
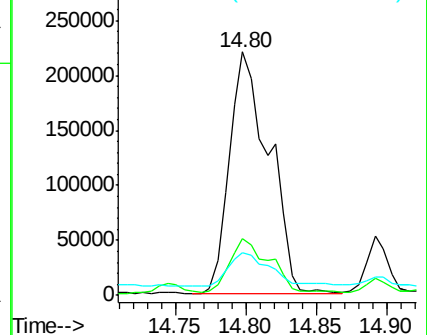
125 17.7 9.8 14.8#



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: 62.11 ng

RT: 14.80 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BF096760.D

Acq: 14 Jul 2017 6:27

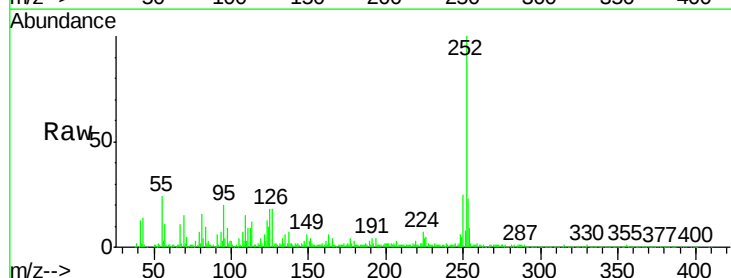
Tgt Ion:252 Resp: 430566

Ion Ratio Lower Upper

252 100

253 23.3 18.4 27.6

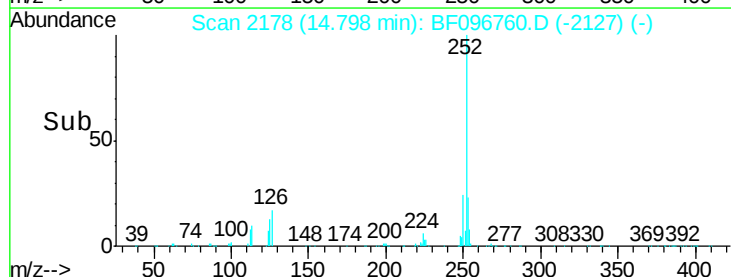
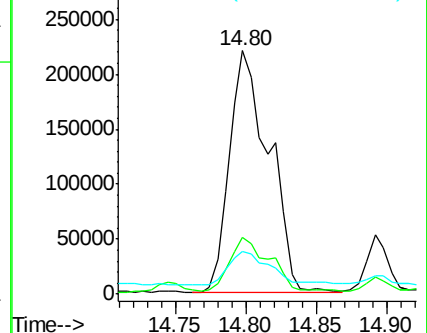
125 17.7 13.1 19.7

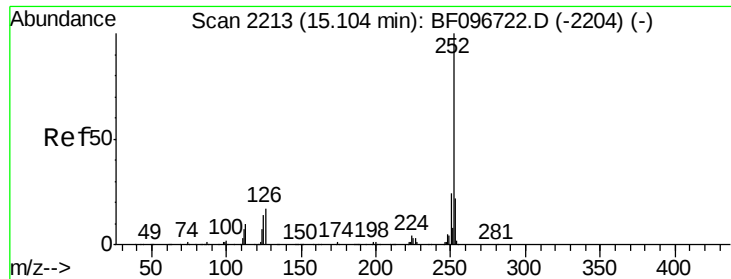


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 36.02 ng

RT: 15.13 min Scan# 2234

Delta R.T. 0.02 min

Lab File: BF096760.D

Acq: 14 Jul 2017 6:27

Instrument :

BNA_F

ClientSampleId :

E2-04-WSW

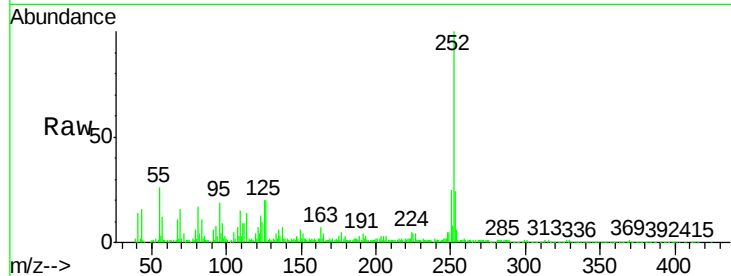
Tot Ion:252 Resp: 241848

Ion Ratio Lower Upper

252 100

253 23.7 17.5 26.3

125 19.6 11.0 16.4#

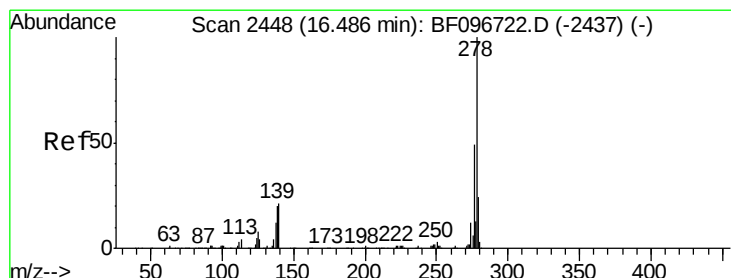
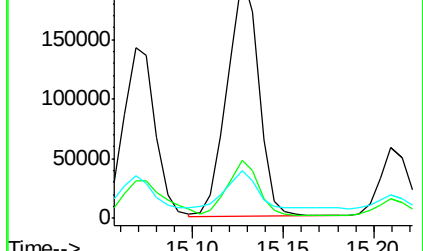
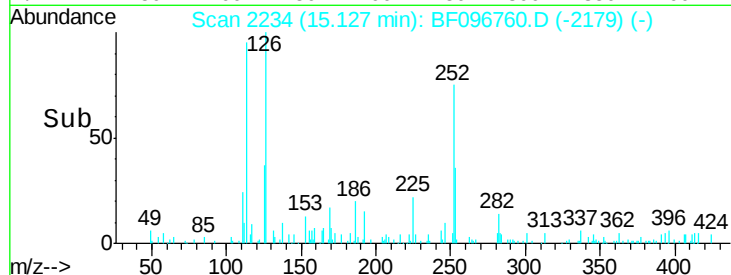


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



#90

Dibenzo(a,h)anthracene

Concen: 5.30 ng

RT: 16.51 min Scan# 2469

Delta R.T. 0.02 min

Lab File: BF096760.D

Acq: 14 Jul 2017 6:27

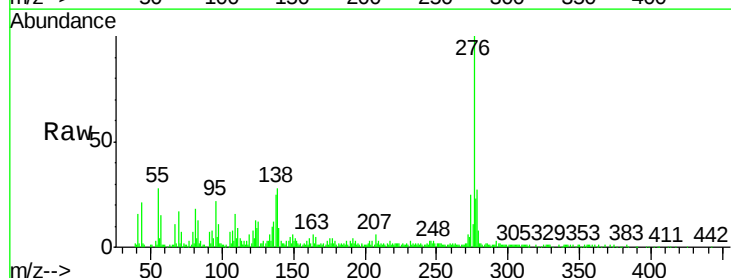
Tgt Ion:278 Resp: 32745

Ion Ratio Lower Upper

278 100

139 32.4 16.6 24.8#

279 31.4 19.3 28.9#

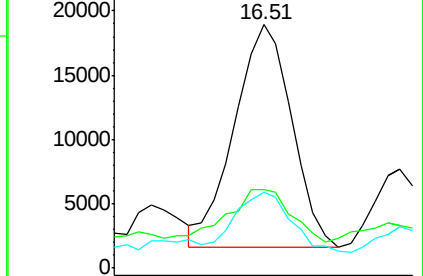
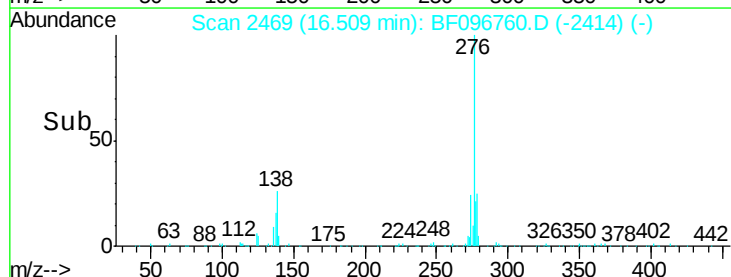


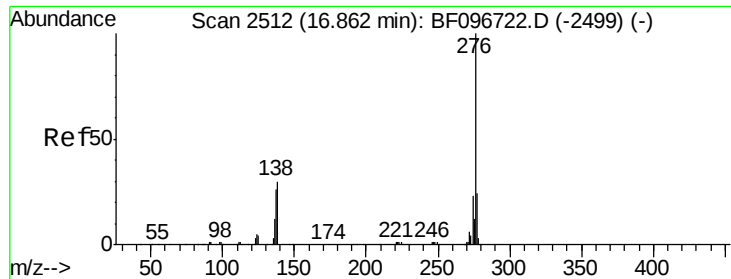
Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->





#91
 Benzo(a,h,i)perylene
 Concen: 19.44 ng
 RT: 16.90 min Scan# 2536
 Delta R.T. 0.04 min
 Lab File: BF096760.D
 Acq: 14 Jul 2017 6:27

Instrument :
 BNA_F
 ClientSampleId :
 E2-04-WSW

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.8	18.6	28.0
138	30.7	25.4	38.0

