

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
 Data File : BF080148.D
 Acq On : 25 Jun 2015 1:10
 Operator : TP/IZ
 Sample : G2717-03
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AC-UNDERCUT(0-2)-6

Quant Time: Jun 25 04:32:25 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 00:52:28 2015
 Response via : Initial Calibration

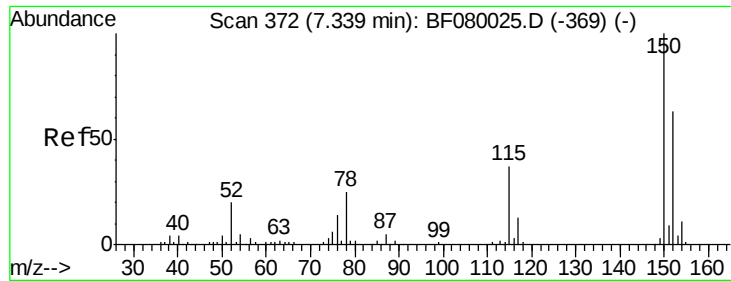
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	39714	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	151073	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	76634	20.00	ng	0.00
63) Phenanthrene-d10	11.88	188	154155	20.00	ng	-0.01
75) Chrysene-d12	14.83	240	163315	20.00	ng	-0.10
86) Perylene-d12	16.70	264	163674	20.00	ng	-0.14

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.92	112	271437	120.99	ng	0.00
7) Phenol-d6	6.92	99	381907	127.92	ng	0.00
23) Nitrobenzene-d5	7.86	82	197299	76.03	ng	-0.01
41) 2,4,6-Tribromophenol	11.17	330	88134	117.61	ng	0.00
44) 2-Fluorobiphenyl	9.68	172	448479	83.46	ng	0.00
78) Terphenyl-d14	13.57	244	498426	71.28	ng	-0.05

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.86	70	25470	12.29	ng	# 62
25) Isophorone	7.86	82	194382	37.22	ng	# 58
49) Dimethylphthalate	10.07	163	42352	7.35	ng	# 98
56) 2,4-Dinitrotoluene	10.38	165	9517	6.49	ng	# 31
66) 4-Bromophenyl-phenylether	11.17	248	6386	3.90	ng	# 1
70) Phenanthrene	11.90	178	27435	2.94	ng	97
73) Di-n-butylphthalate	12.44	149	69540	7.02	ng	# 98
74) Fluoranthene	13.16	202	43965	4.42	ng	94
77) Pyrene	13.42	202	39328	3.91	ng	96
80) Benzo(a)anthracene	14.81	228	23068	2.32	ng	92
82) Chrysene	14.86	228	24343	2.65	ng	95
85) Indeno(1,2,3-cd)pyrene	18.53	276	45363	3.92	ng	# 91
87) Benzo(b)fluoranthene	16.16	252	52759	5.32	ng	# 89
88) Benzo(k)fluoranthene	16.16	252	52759	5.23	ng	# 90
90) Dibenzo(a,h)anthracene	18.55	278	32703	3.40	ng	# 86
91) Benzo(g,h,i)perylene	19.09	276	39608	4.07	ng	# 77

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

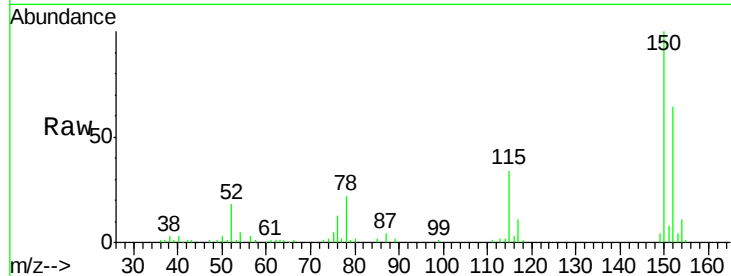
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Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\  
Data File : BF080148.D  
Acq On    : 25 Jun 2015    1:10  
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Sample    : G2717-03  
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ALS Vial  : 18    Sample Multiplier: 1
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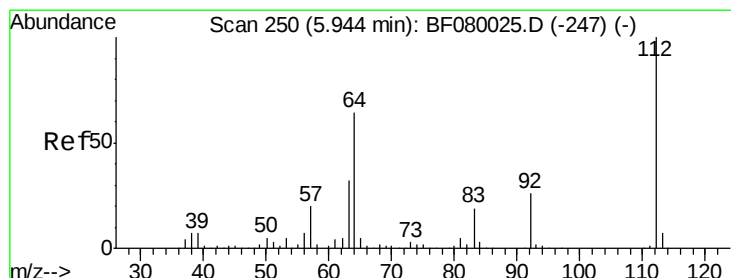
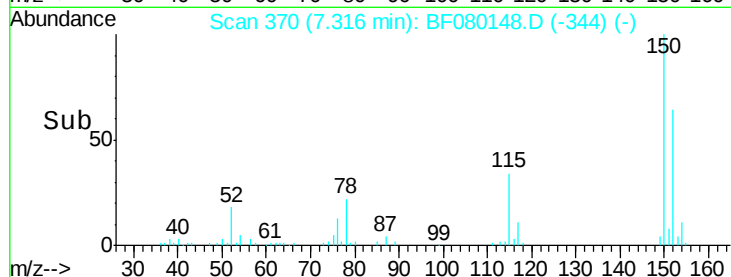
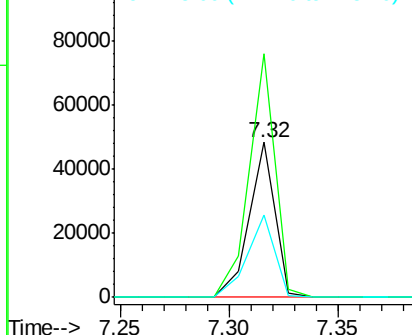
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: BF080148.D
 Acq: 25 Jun 2015 1:10

Instrument :
 BNA_F
 ClientSampleId :
 AC-UNDERCUT(0-2)-6

Tgt Ion:152 Resp: 39714
 Ion Ratio Lower Upper
 152 100
 150 156.9 124.7 187.1
 115 52.9 39.0 58.4

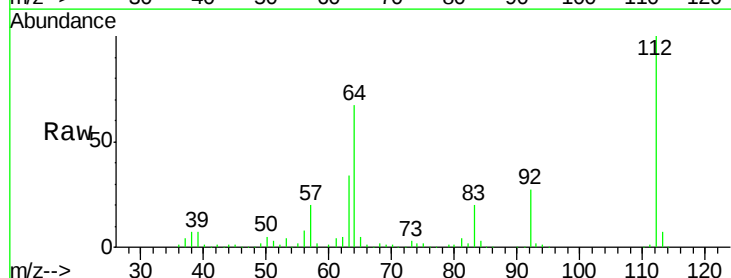


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

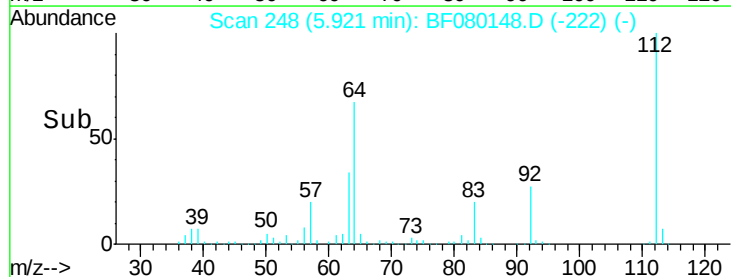
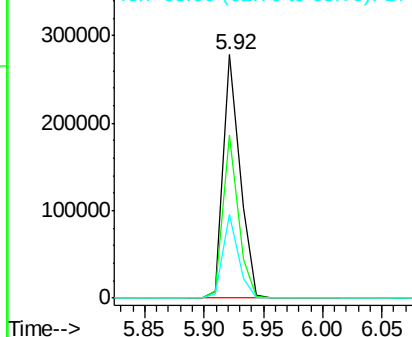


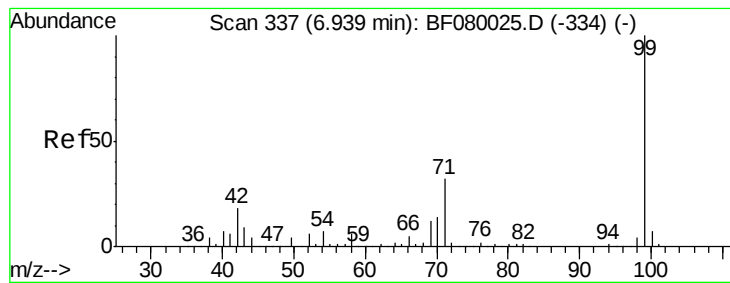
#5
 2-Fluorophenol
 Concen: 120.99 ng
 RT: 5.92 min Scan# 248
 Delta R.T. -0.00 min
 Lab File: BF080148.D
 Acq: 25 Jun 2015 1:10

Tgt Ion:112 Resp: 271437
 Ion Ratio Lower Upper
 112 100
 64 67.1 39.7 59.5#
 63 34.4 17.4 26.0#



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: 127.92 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF080148.D

Acq: 25 Jun 2015 1:10

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-6

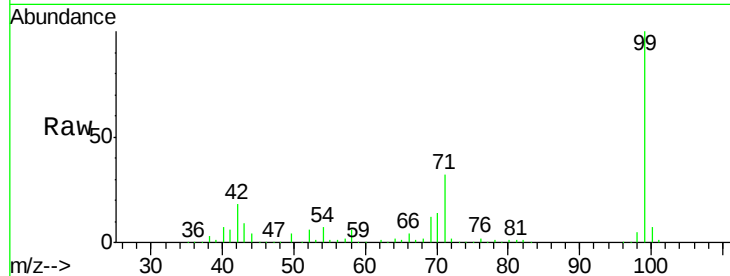
Tgt Ion: 99 Resp: 381907

Ion Ratio Lower Upper

99 100

42 17.8 13.7 20.5

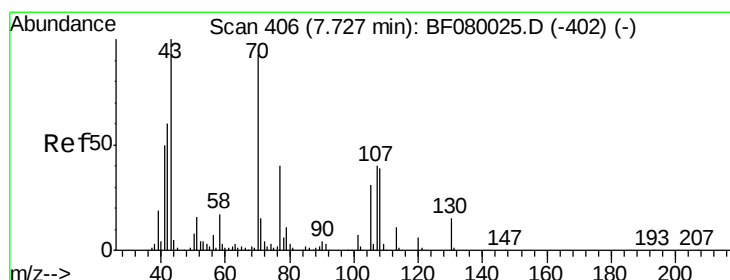
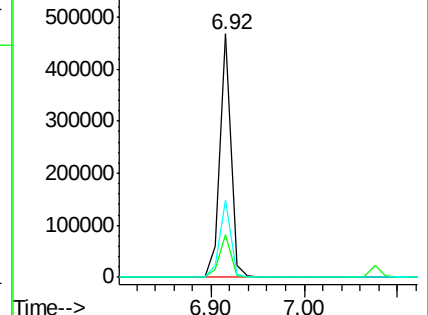
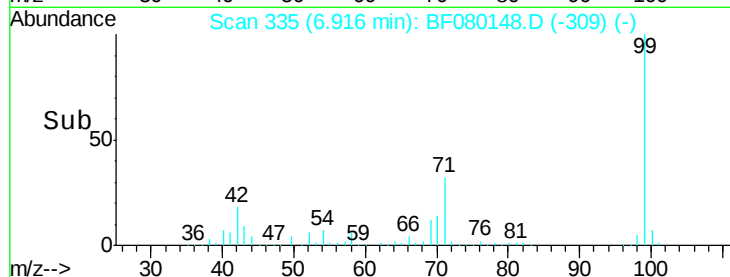
71 31.5 14.2 21.2#



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: 12.29 ng

RT: 7.86 min Scan# 418

Delta R.T. 0.16 min

Lab File: BF080148.D

Acq: 25 Jun 2015 1:10

Tgt Ion: 70 Resp: 25470

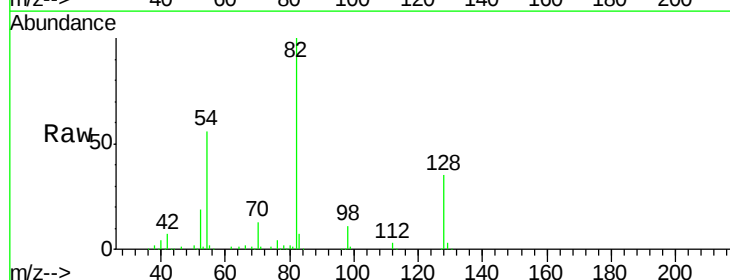
Ion Ratio Lower Upper

70 100

42 52.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.1 27.3 40.9#

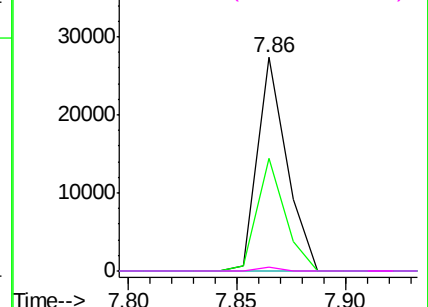
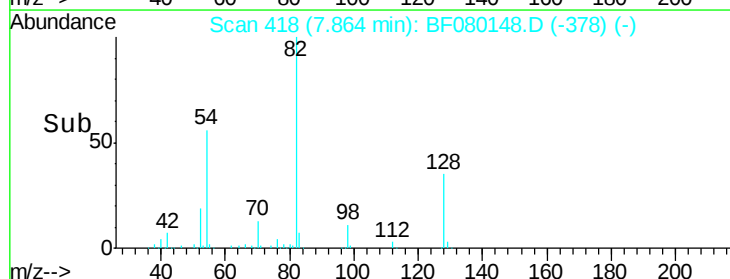


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

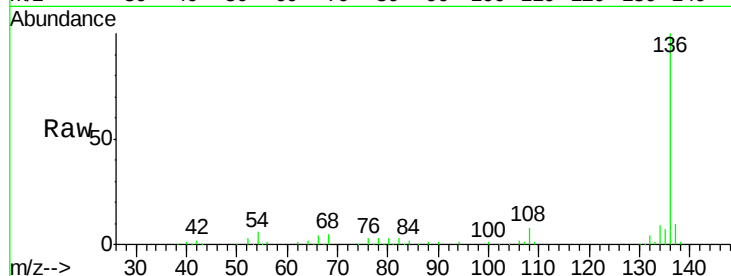




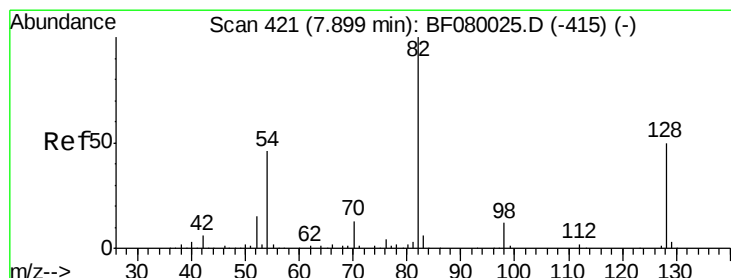
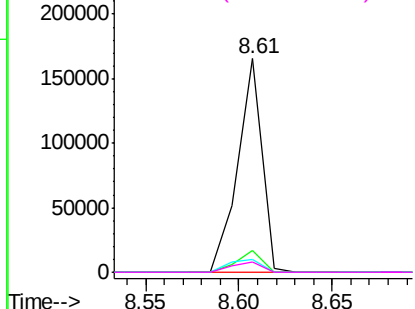
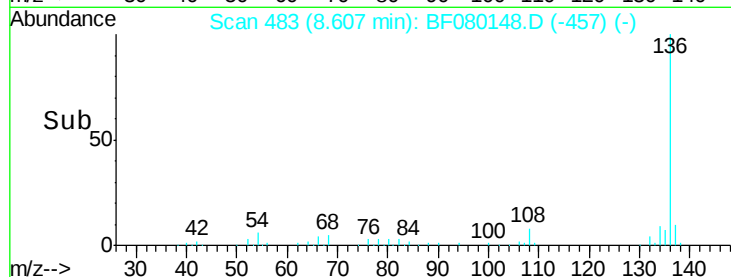
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF080148.D
Acq: 25 Jun 2015 1:10

Instrument :
BNA_F
ClientSampleId :
AC-UNDERCUT(0-2)-6

Tgt Ion: 136 Resp: 151073
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 6.2 8.2 12.2#
68 4.9 5.8 8.6#

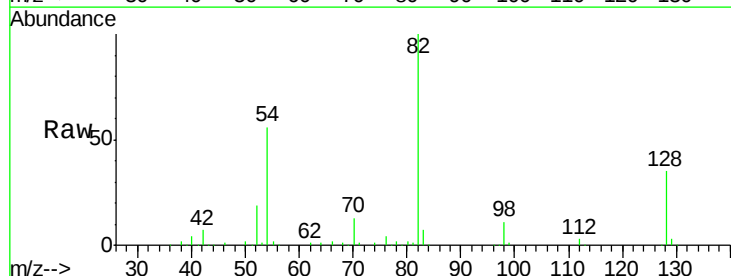


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

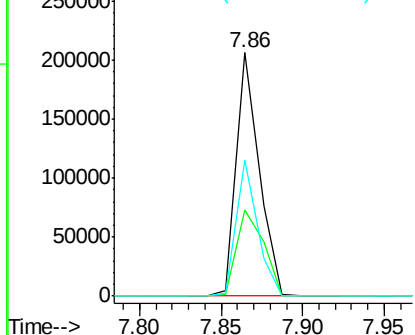
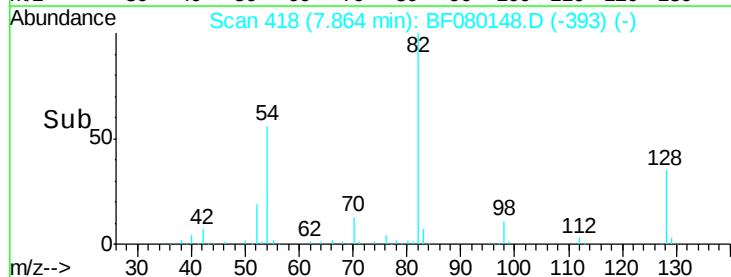


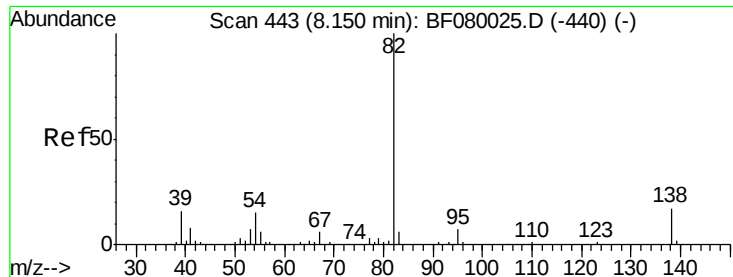
#23
Nitrobenzene-d5
Concen: 76.03 ng
RT: 7.86 min Scan# 418
Delta R.T. -0.01 min
Lab File: BF080148.D
Acq: 25 Jun 2015 1:10

Tgt Ion: 82 Resp: 197299
Ion Ratio Lower Upper
82 100
128 35.2 51.0 76.6#
54 55.7 47.5 71.3



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: 37.22 ng

RT: 7.86 min Scan# 418

Delta R.T. -0.26 min

Lab File: BF080148.D

Acq: 25 Jun 2015 1:10

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-6

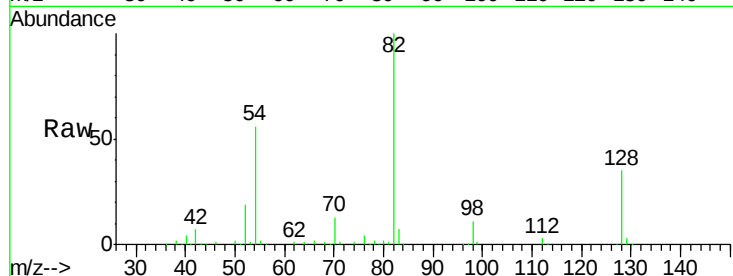
Tgt Ion: 82 Resp: 194382

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

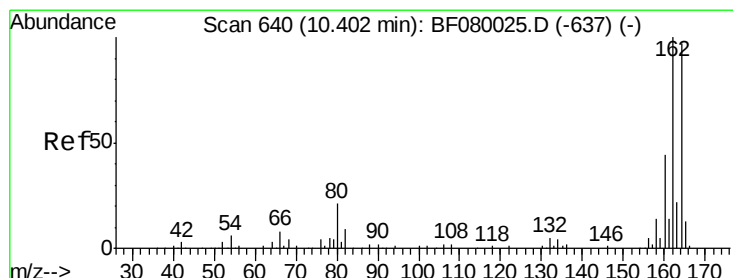
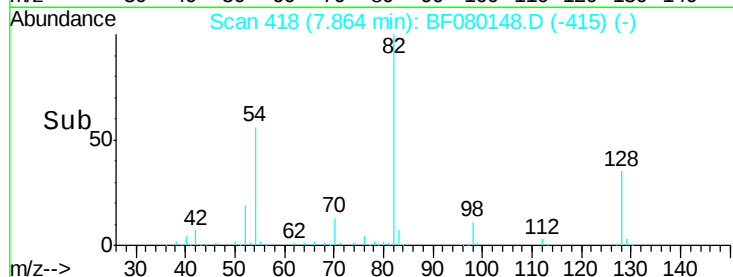
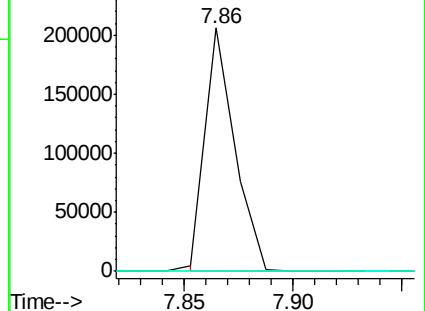
138 0.0 18.3 27.5#



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: 20.00 ng

RT: 10.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF080148.D

Acq: 25 Jun 2015 1:10

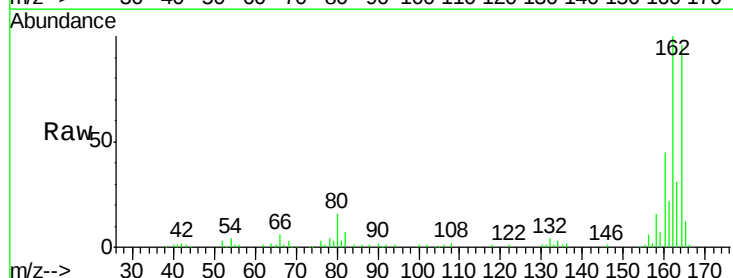
Tgt Ion: 164 Resp: 76634

Ion Ratio Lower Upper

164 100

162 103.6 75.2 112.8

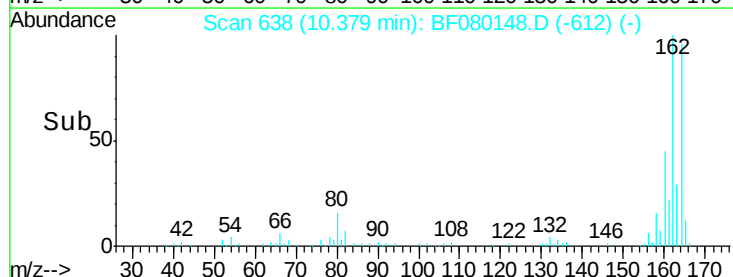
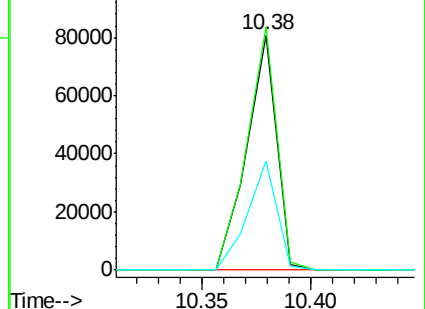
160 46.4 31.5 47.3



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

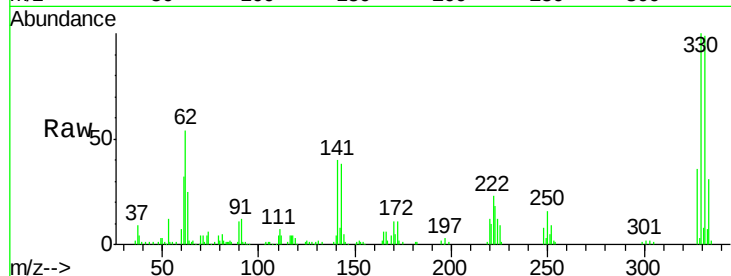




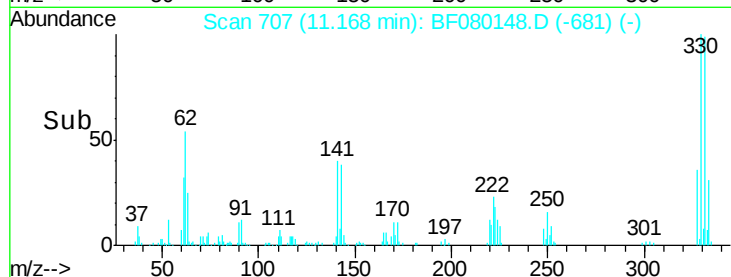
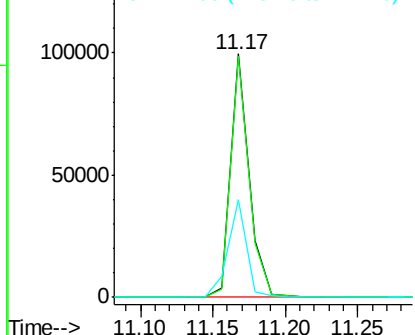
#41
 2,4,6-Tribromophenol
 Concen: 117.61 ng
 RT: 11.17 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF080148.D
 Acq: 25 Jun 2015 1:10

Instrument :
 BNA_F
 ClientSampleId :
 AC-UNDERCUT(0-2)-6

Tgt Ion:330 Resp: 88134
 Ion Ratio Lower Upper
 330 100
 332 97.8 76.6 114.8
 141 39.5 29.7 44.5

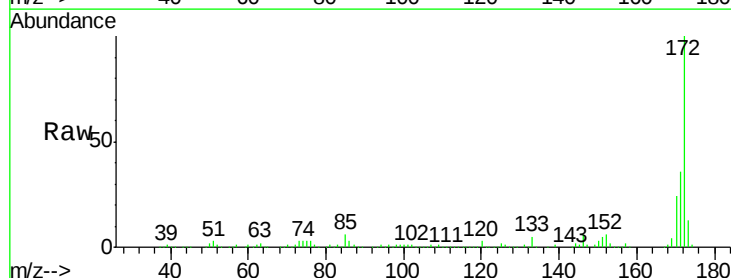


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

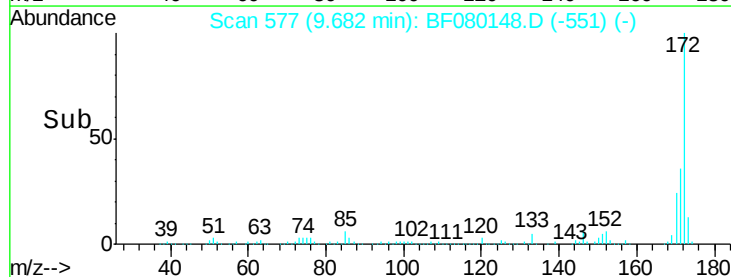
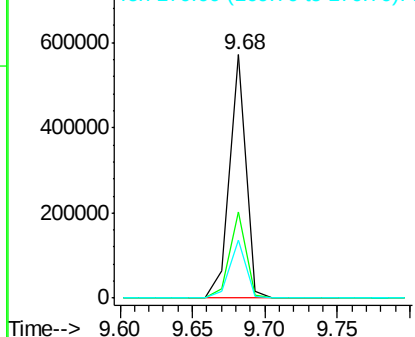


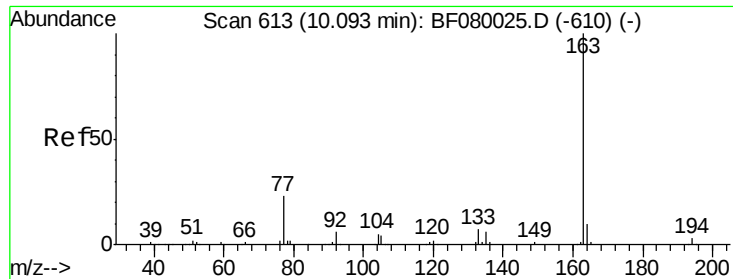
#44
 2-Fluorobiphenyl
 Concen: 83.46 ng
 RT: 9.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF080148.D
 Acq: 25 Jun 2015 1:10

Tgt Ion:172 Resp: 448479
 Ion Ratio Lower Upper
 172 100
 171 35.6 26.1 39.1
 170 23.8 17.4 26.2



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

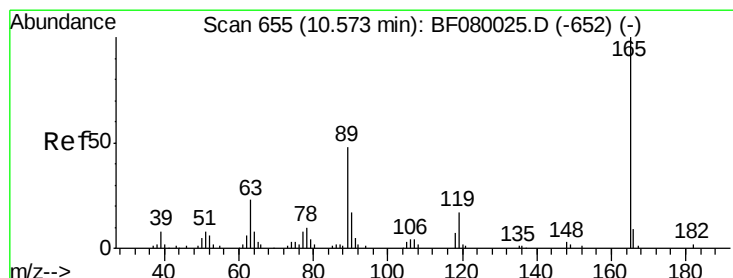
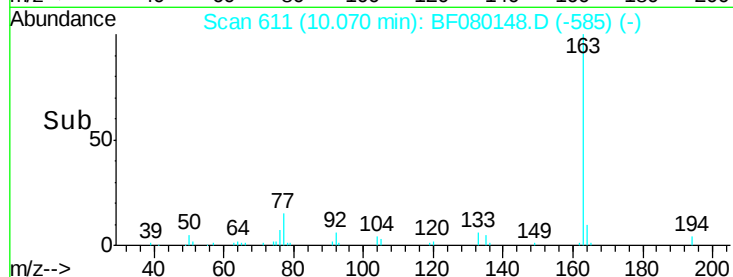
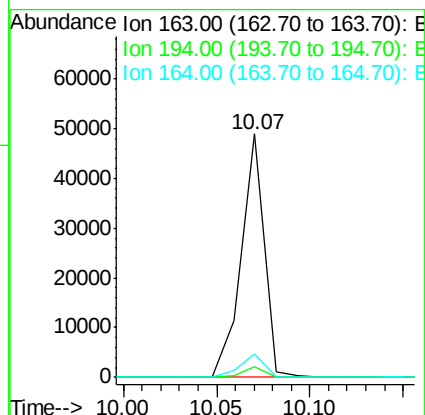
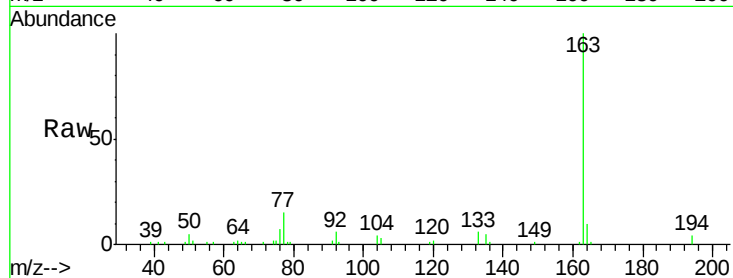




#49
Dimethylphthalate
Concen: 7.35 ng
RT: 10.07 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF080148.D
Acq: 25 Jun 2015 1:10

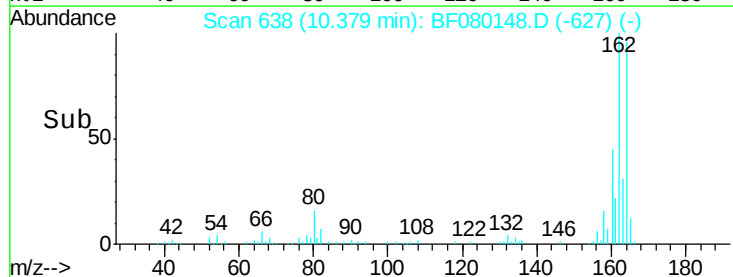
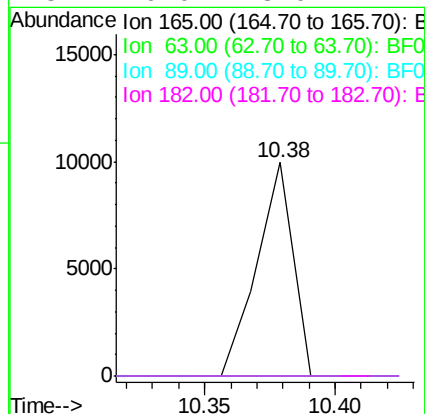
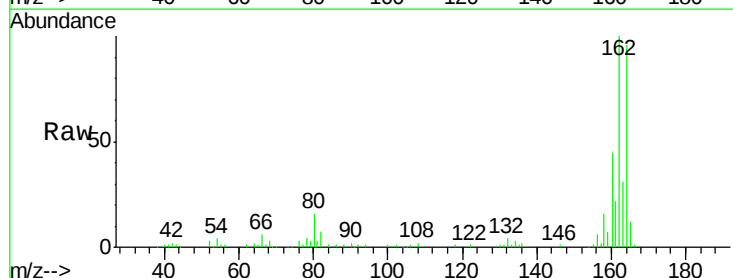
Instrument :
BNA_F
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AC-UNDERCUT(0-2)-6

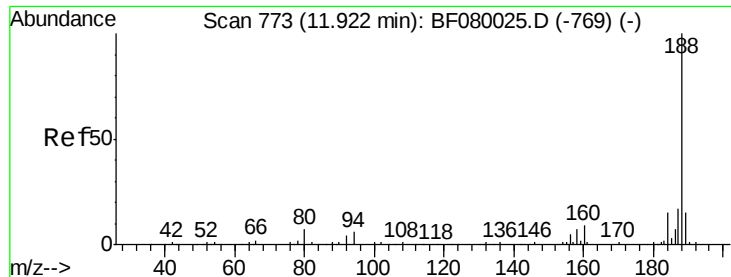
Tgt Ion:163 Resp: 42352
Ion Ratio Lower Upper
163 100
194 4.3 4.4 6.6#
164 9.8 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 10.38 min Scan# 638
Delta R.T. -0.17 min
Lab File: BF080148.D
Acq: 25 Jun 2015 1:10

Tgt Ion:165 Resp: 9517
Ion Ratio Lower Upper
165 100
63 0.0 29.8 44.6#
89 0.0 44.5 66.7#
182 0.0 3.0 4.4#

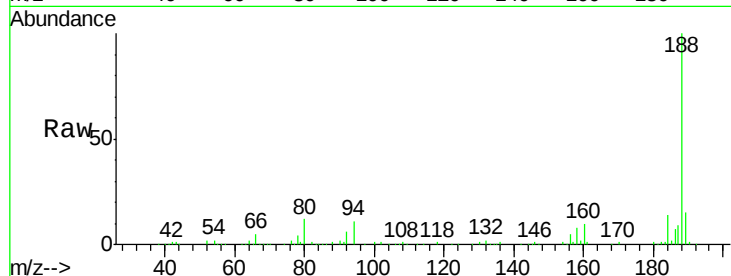




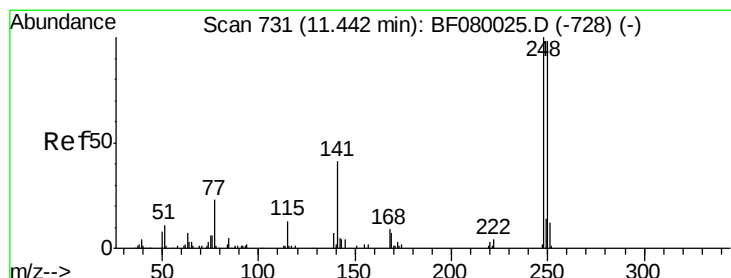
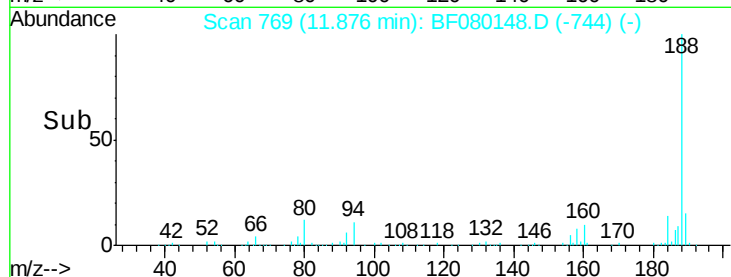
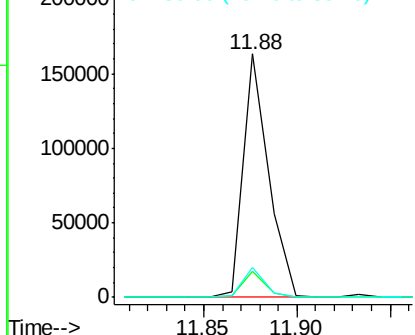
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.88 min Scan# 769
Delta R.T. -0.01 min
Lab File: BF080148.D
Acq: 25 Jun 2015 1:10

Instrument :
BNA_F
ClientSampleId :
AC-UNDERCUT(0-2)-6

Tgt Ion:188 Resp: 154155
Ion Ratio Lower Upper
188 100
94 10.9 11.1 16.7#
80 12.4 11.0 16.4

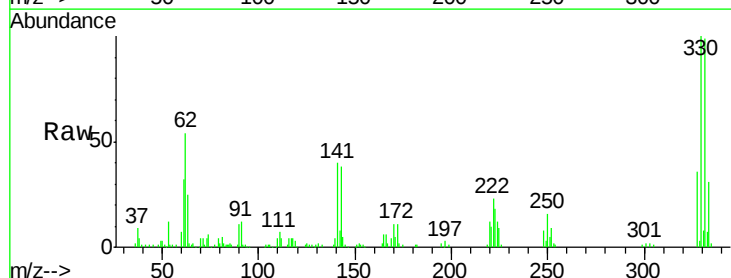


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

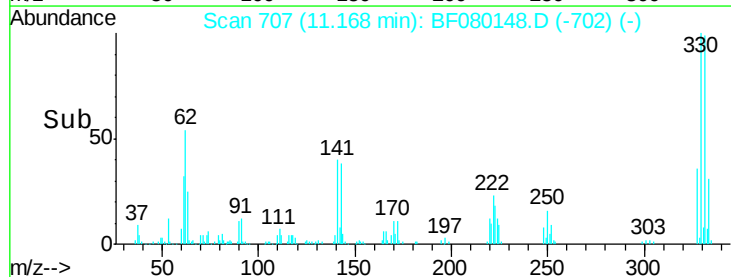
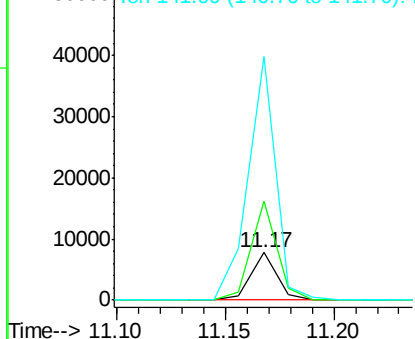


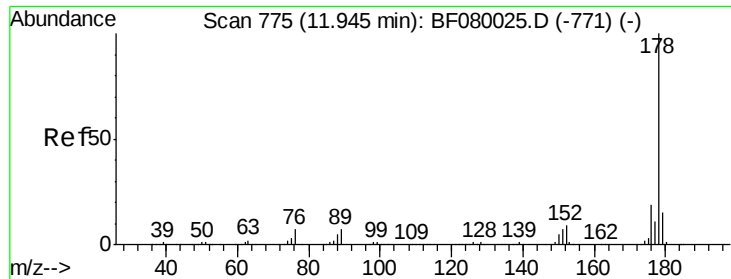
#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 11.17 min Scan# 707
Delta R.T. -0.24 min
Lab File: BF080148.D
Acq: 25 Jun 2015 1:10

Tgt Ion:248 Resp: 6386
Ion Ratio Lower Upper
248 100
250 208.7 78.5 117.7#
141 511.8 59.0 88.6#



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

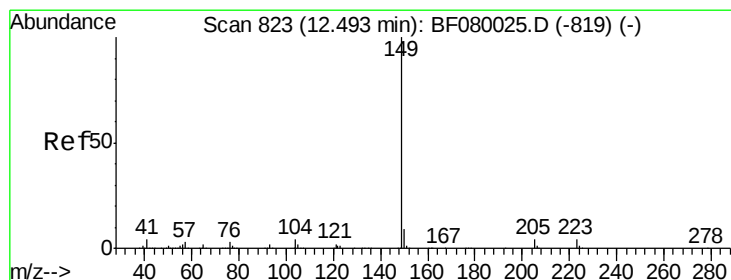
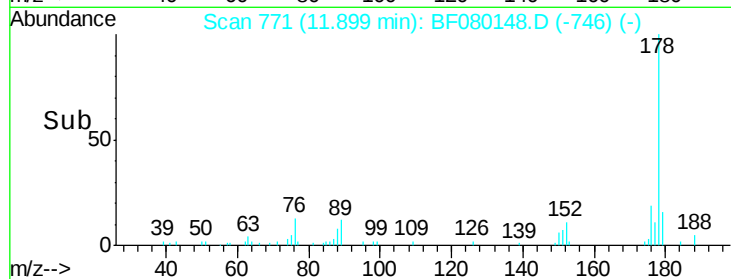
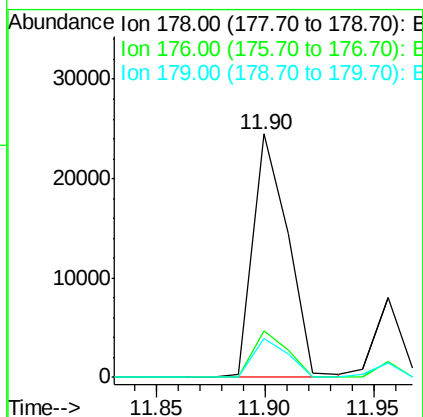
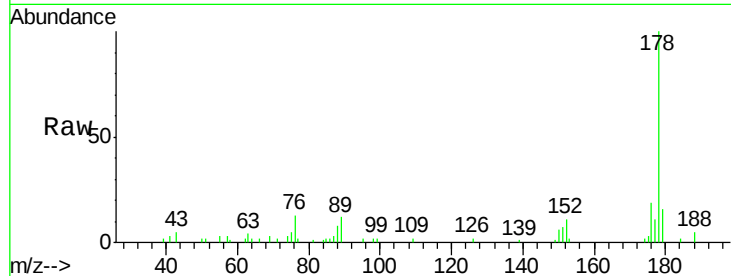




#70
Phenanthrene
Concen: 2.94 ng
RT: 11.90 min Scan# 771
Delta R.T. -0.01 min
Lab File: BF080148.D
Acq: 25 Jun 2015 1:10

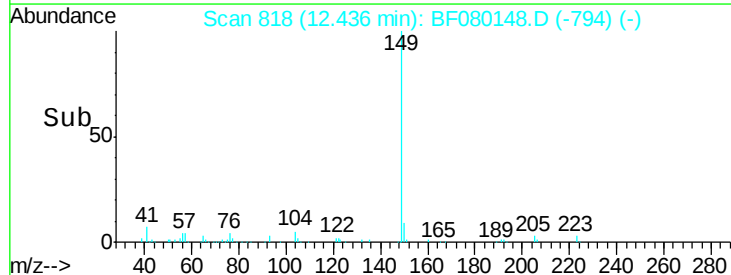
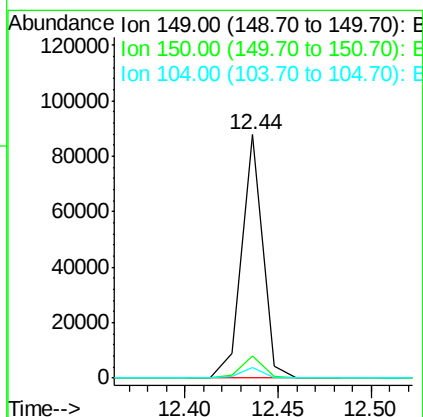
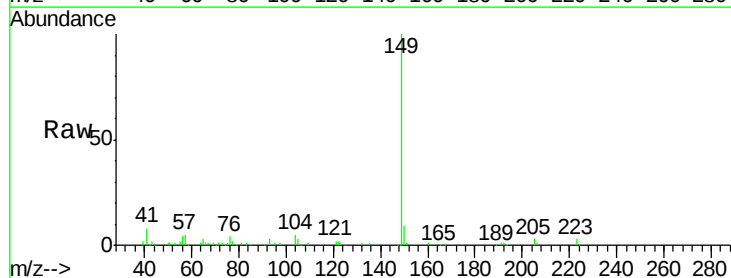
Instrument :
BNA_F
ClientSampleId :
AC-UNDERCUT(0-2)-6

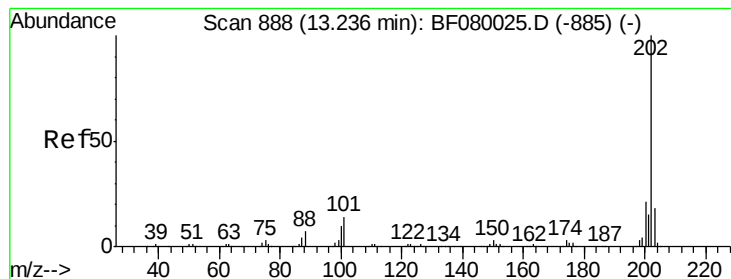
Tgt Ion:178 Resp: 27435
Ion Ratio Lower Upper
178 100
176 19.2 13.8 20.8
179 15.9 12.2 18.2



#73
Di-n-butylphthalate
Concen: 7.02 ng
RT: 12.44 min Scan# 818
Delta R.T. -0.02 min
Lab File: BF080148.D
Acq: 25 Jun 2015 1:10

Tgt Ion:149 Resp: 69540
Ion Ratio Lower Upper
149 100
150 8.9 7.4 11.2
104 4.5 2.4 3.6#





#74

Fluoranthene

Concen: 4.42 ng

RT: 13.16 min Scan# 881

Delta R.T. -0.05 min

Lab File: BF080148.D

Acq: 25 Jun 2015 1:10

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-6

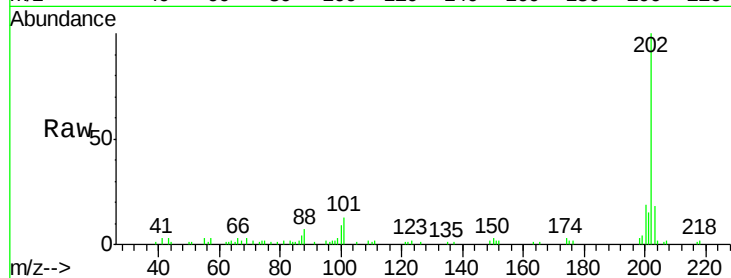
Tgt Ion: 202 Resp: 43965

Ion Ratio Lower Upper

202 100

101 13.1 0.0 38.3

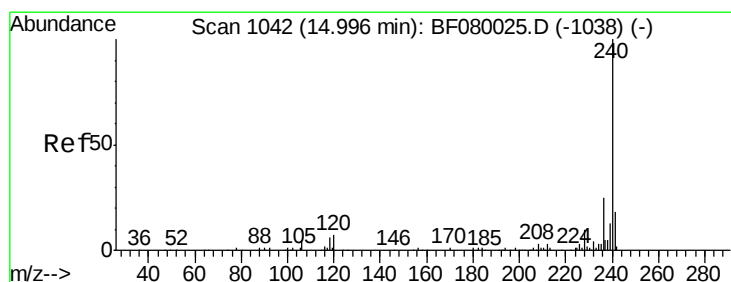
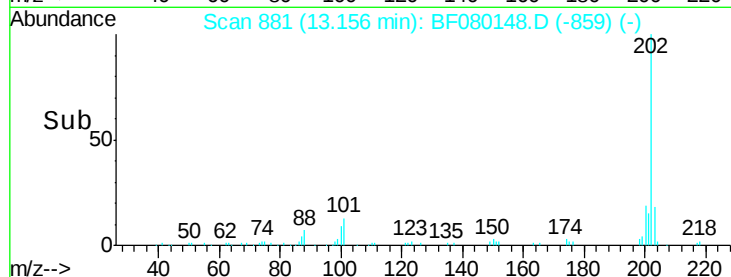
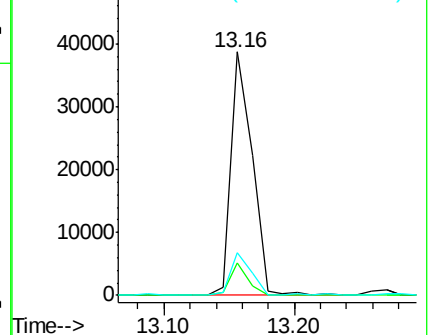
203 17.6 0.0 37.3



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: 14.83 min Scan# 1027

Delta R.T. -0.10 min

Lab File: BF080148.D

Acq: 25 Jun 2015 1:10

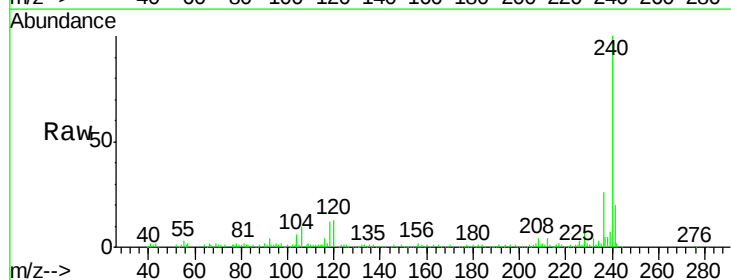
Tgt Ion: 240 Resp: 163315

Ion Ratio Lower Upper

240 100

120 13.5 16.2 24.2#

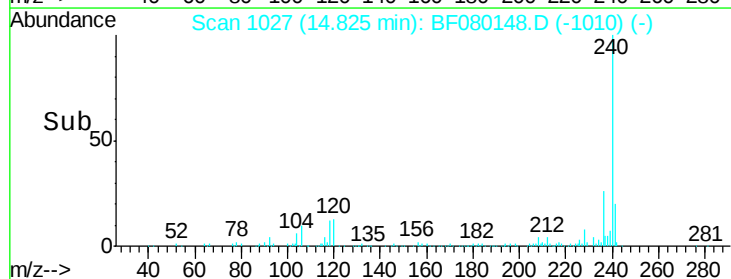
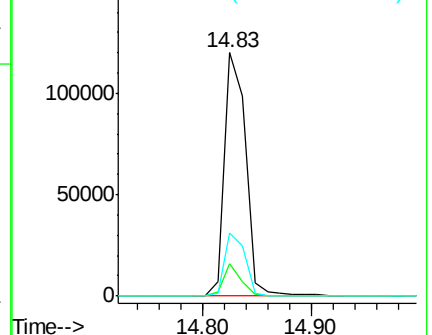
236 26.1 18.4 27.6

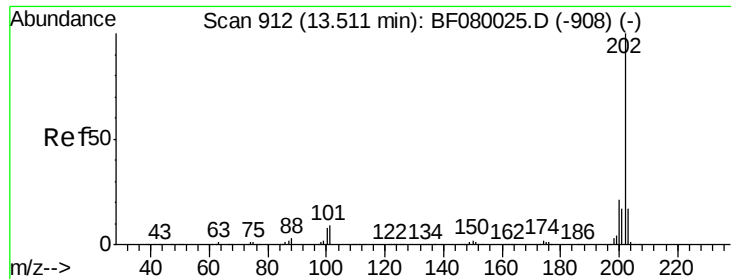


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 3.91 ng

RT: 13.42 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF080148.D

Acq: 25 Jun 2015 1:10

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-6

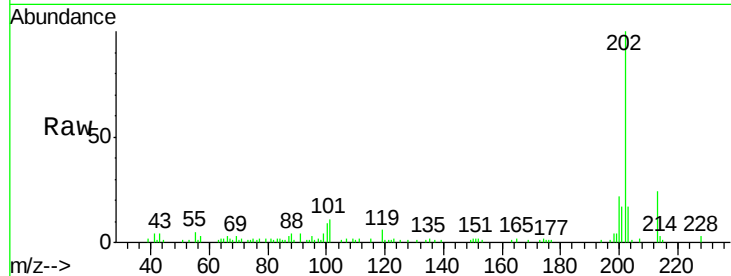
Tgt Ion:202 Resp: 39328

Ion Ratio Lower Upper

202 100

200 22.0 15.0 22.4

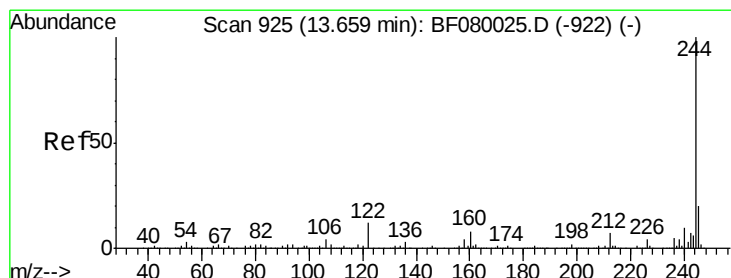
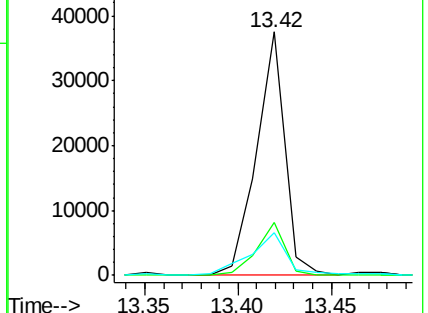
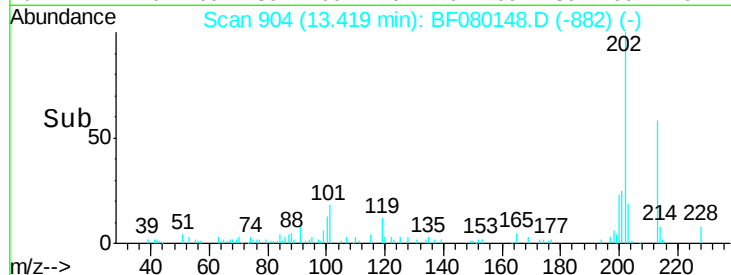
203 17.4 14.1 21.1



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: 71.28 ng

RT: 13.57 min Scan# 917

Delta R.T. -0.05 min

Lab File: BF080148.D

Acq: 25 Jun 2015 1:10

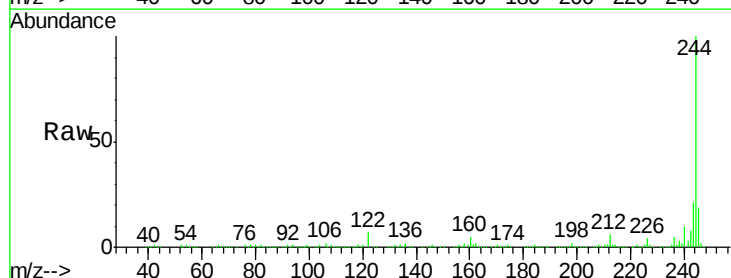
Tgt Ion:244 Resp: 498426

Ion Ratio Lower Upper

244 100

212 6.0 4.3 6.5

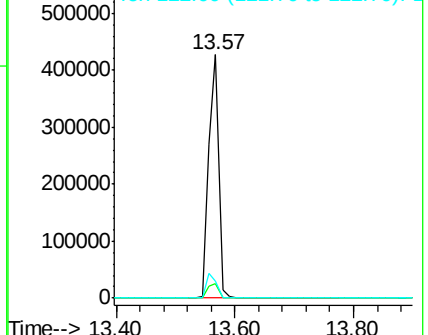
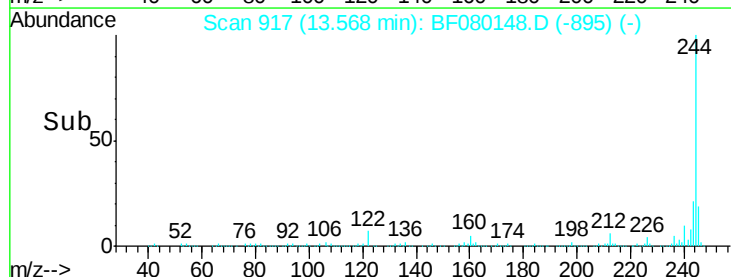
122 7.0 17.4 26.2#

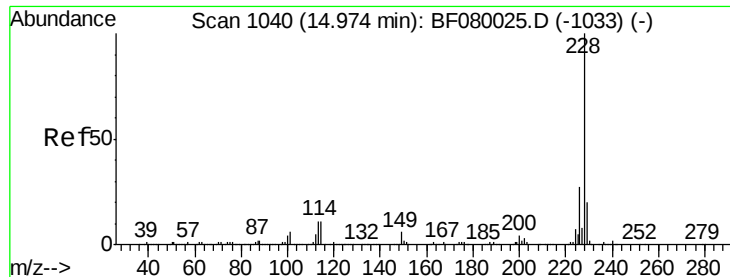


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#80

Benzo(a)anthracene

Concen: 2.32 ng

RT: 14.81 min Scan# 1026

Delta R.T. -0.10 min

Lab File: BF080148.D

Acq: 25 Jun 2015 1:10

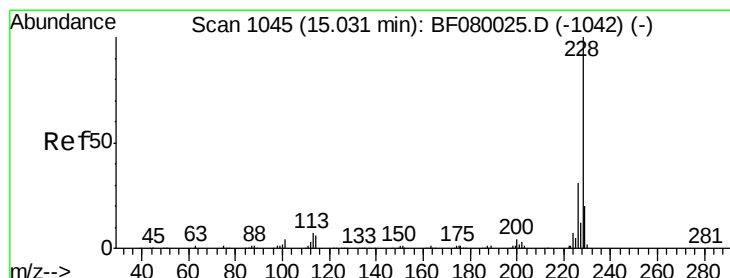
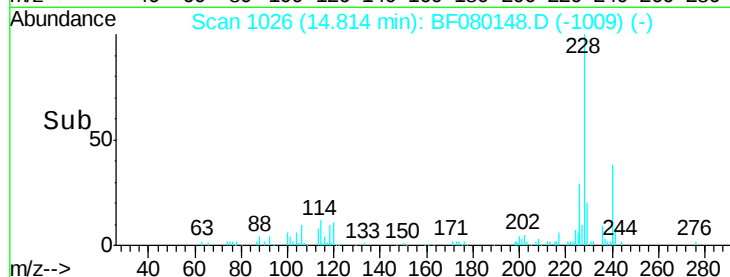
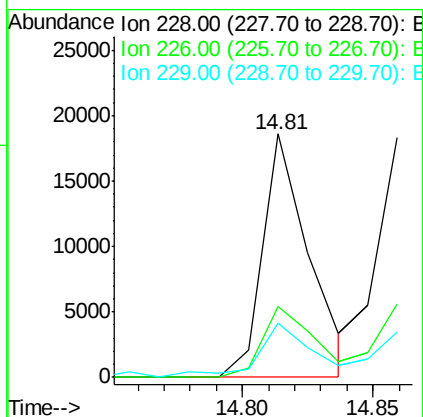
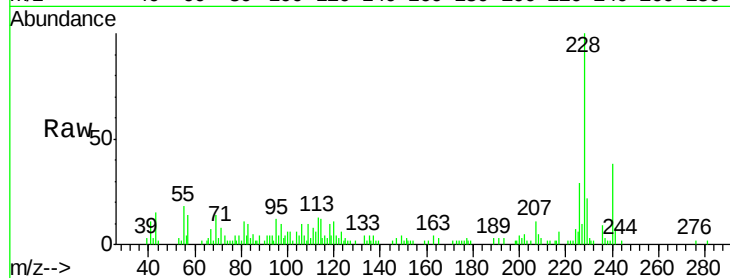
Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-6

Tgt Ion:	228	Resp:	23068
Ion	Ratio	Lower	Upper
228	100		
226	29.2	20.0	30.0
229	22.3	15.4	23.2



#82

Chrysene

Concen: 2.65 ng

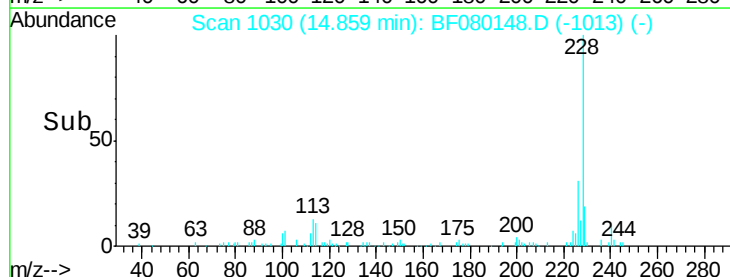
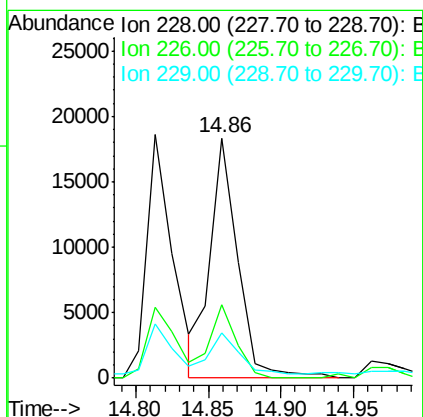
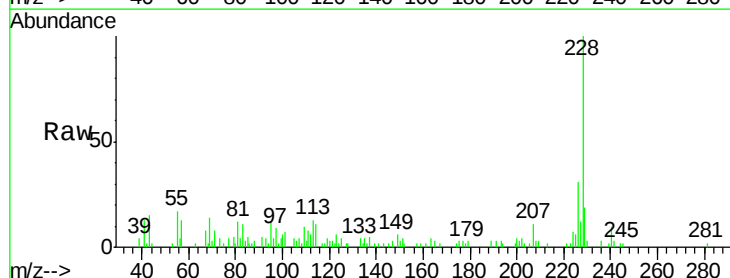
RT: 14.86 min Scan# 1030

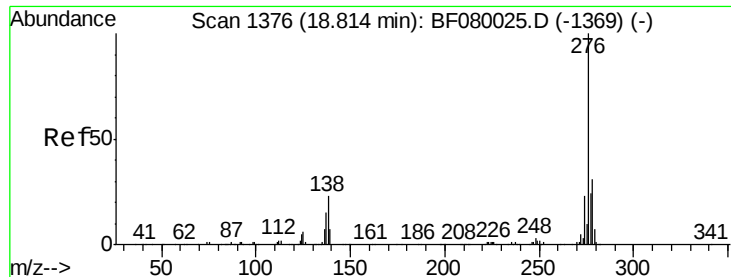
Delta R.T. -0.10 min

Lab File: BF080148.D

Acq: 25 Jun 2015 1:10

Tgt Ion:	228	Resp:	24343
Ion	Ratio	Lower	Upper
228	100		
226	30.5	21.0	31.4
229	18.9	15.6	23.4





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.92 ng

RT: 18.53 min Scan# 1351

Delta R.T. -0.16 min

Lab File: BF080148.D

Acq: 25 Jun 2015 1:10

Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-6

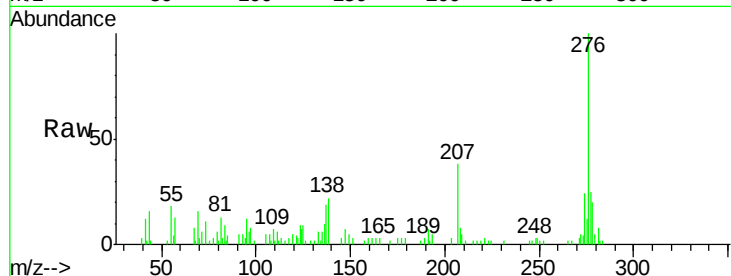
Tgt Ion:276 Resp: 45363

Ion Ratio Lower Upper

276 100

138 31.6 25.7 38.5

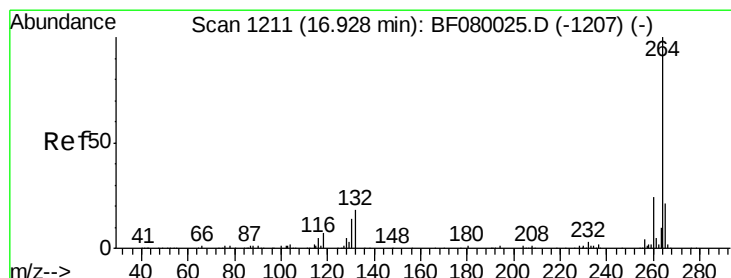
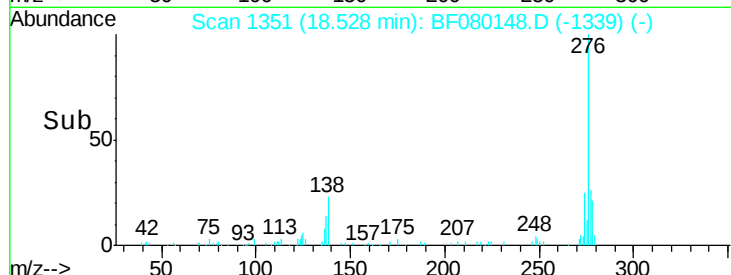
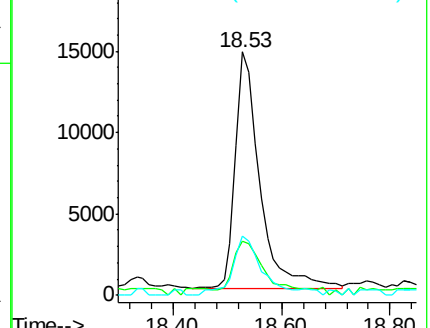
277 29.7 15.6 23.4#



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: 16.70 min Scan# 1191

Delta R.T. -0.14 min

Lab File: BF080148.D

Acq: 25 Jun 2015 1:10

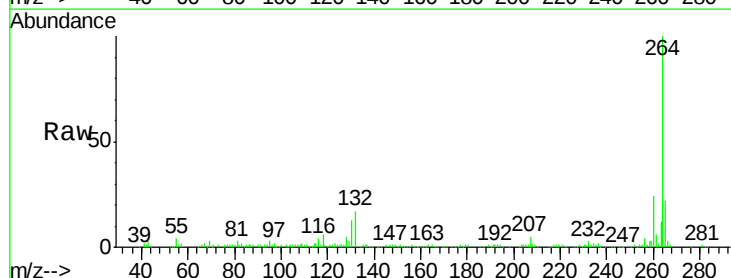
Tgt Ion:264 Resp: 163674

Ion Ratio Lower Upper

264 100

260 23.6 16.7 25.1

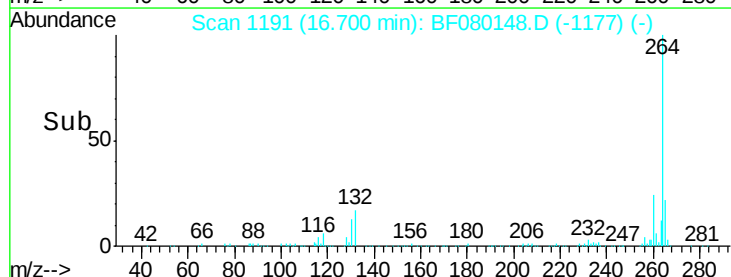
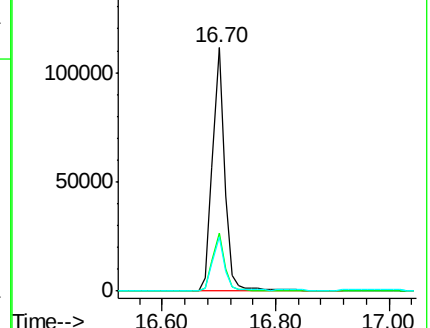
265 22.1 17.2 25.8

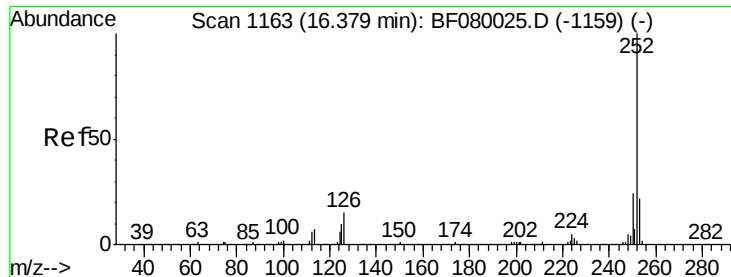


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 5.32 ng

RT: 16.16 min Scan# 1144

Delta R.T. -0.14 min

Lab File: BF080148.D

Acq: 25 Jun 2015 1:10

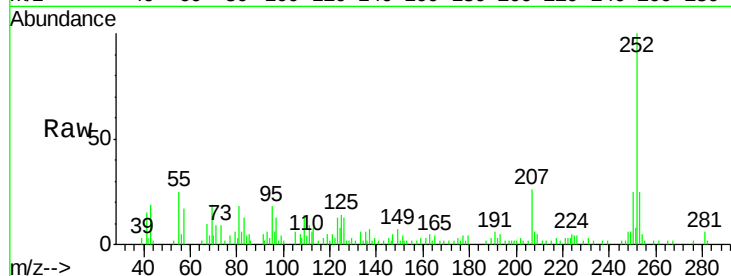
Instrument :

BNA_F

ClientSampleId :

AC-UNDERCUT(0-2)-6

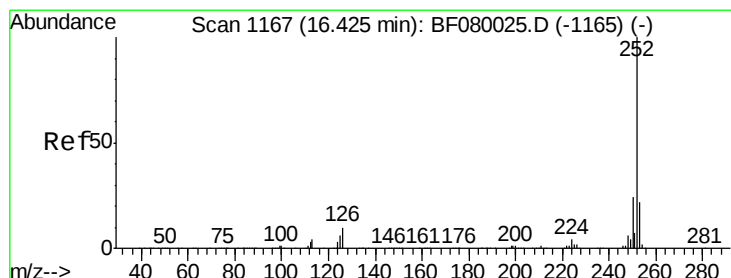
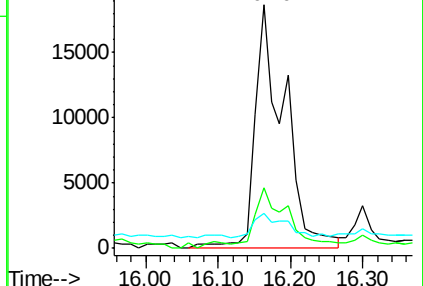
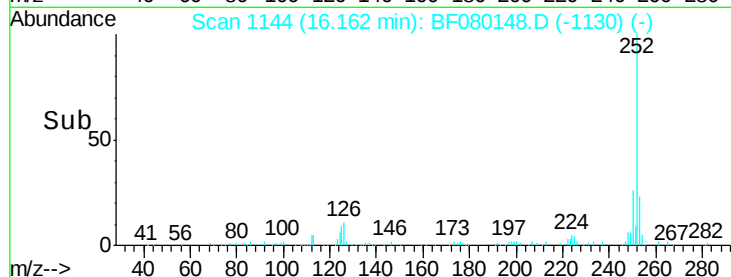
Tgt Ion:	252	Resp:	52759
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.5	26.3
125	14.2	17.1	25.7#



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



#88

Benzo(k)fluoranthene

Concen: 5.23 ng

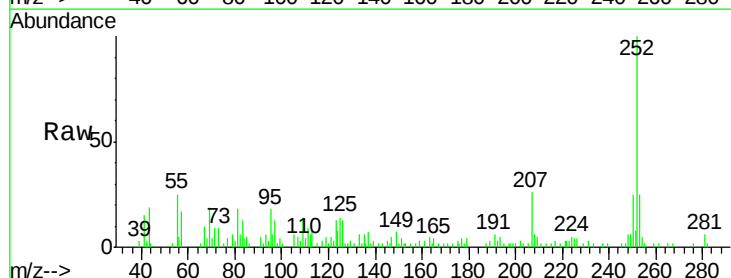
RT: 16.16 min Scan# 1144

Delta R.T. -0.17 min

Lab File: BF080148.D

Acq: 25 Jun 2015 1:10

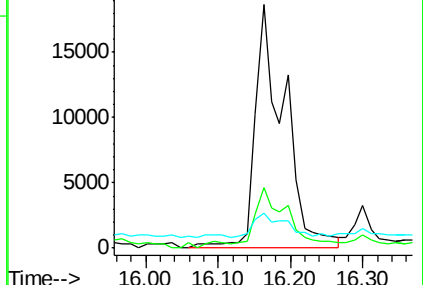
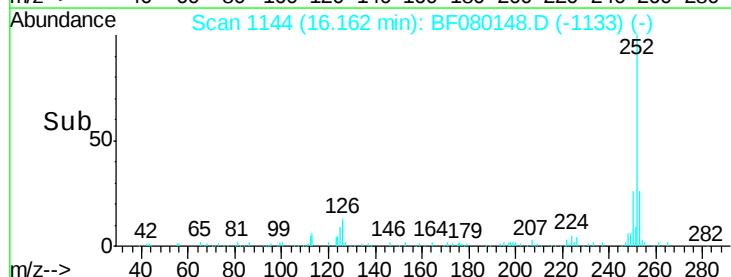
Tgt Ion:	252	Resp:	52759
Ion Ratio	Lower	Upper	
252	100		
253	25.0	17.0	25.4
125	14.2	16.0	24.0#

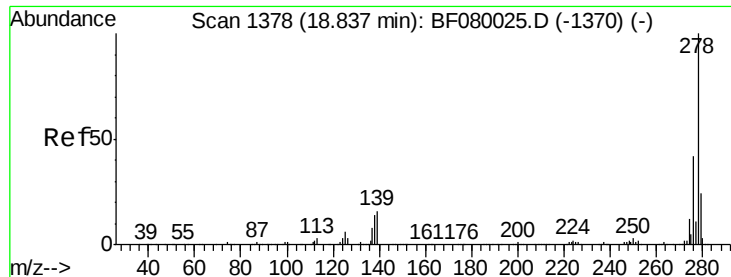


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Dibenzo(a,h)anthracene

Concen: 3.40 ng

RT: 18.55 min Scan# 1353

Delta R.T. -0.16 min

Lab File: BF080148.D

Acq: 25 Jun 2015 1:10

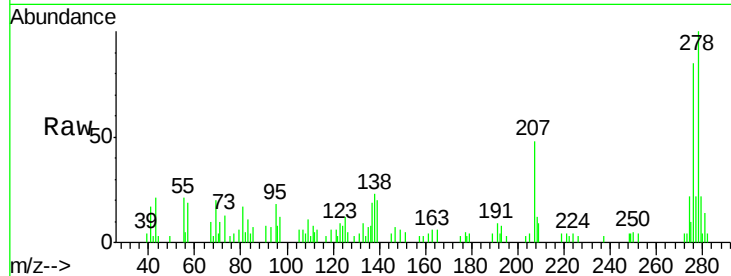
Instrument :

BNA_F

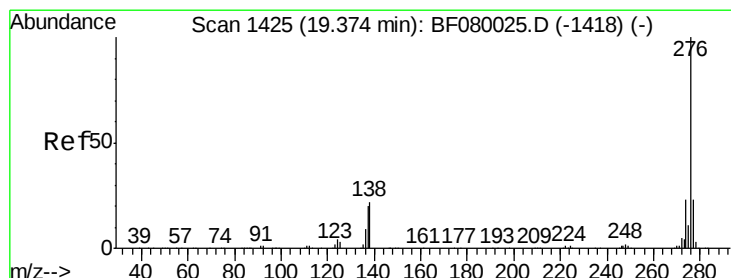
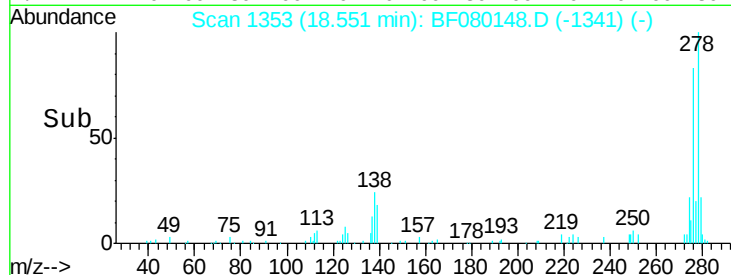
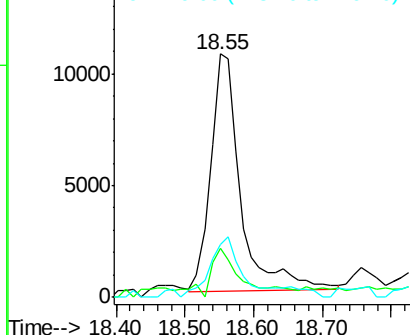
ClientSampleId :

AC-UNDERCUT(0-2)-6

Tgt Ion:	278	Resp:	32703
Ion Ratio	Lower	Upper	
278	100		
139	20.2	26.3	39.5#
279	21.7	18.2	27.4



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(g,h,i)perylene

Concen: 4.07 ng

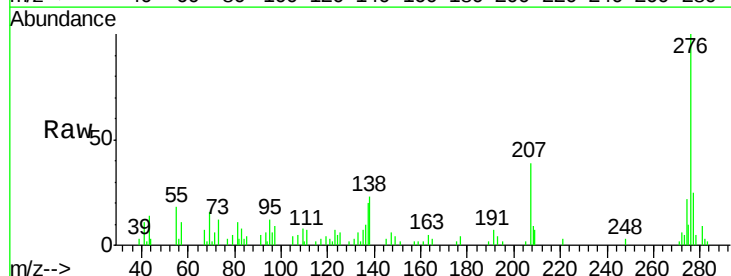
RT: 19.09 min Scan# 1400

Delta R.T. -0.16 min

Lab File: BF080148.D

Acq: 25 Jun 2015 1:10

Tgt Ion:	276	Resp:	39608
Ion Ratio	Lower	Upper	
276	100		
277	25.0	17.8	26.6
138	23.1	34.6	51.8#



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

