

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 04:52:47 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

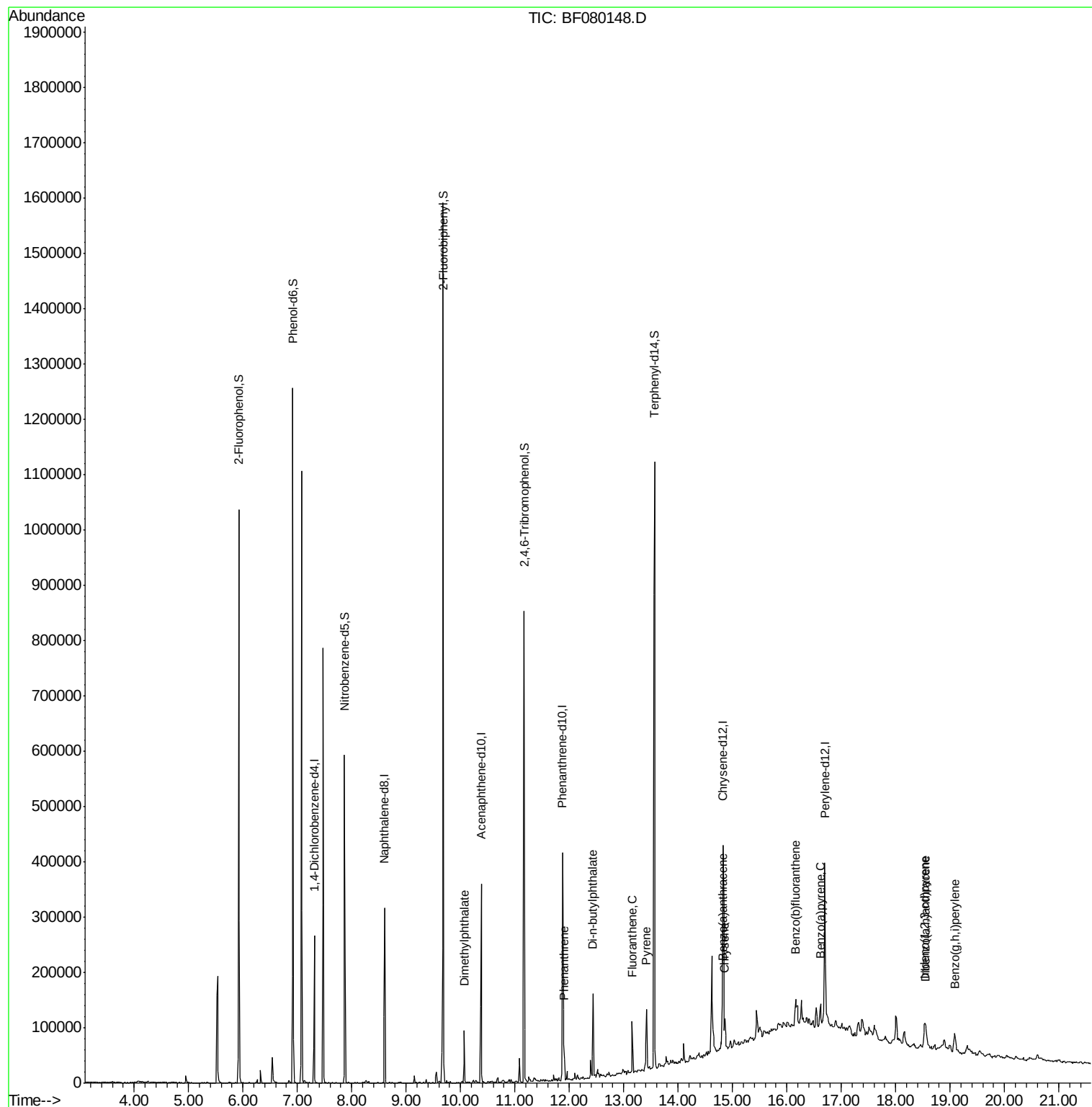
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	39714	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	151073	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	76634	20.00	ng	0.00
63) Phenanthrene-d10	11.88	188	154155	20.00	ng	-0.01
75) Chrysene-d12	14.83	240	163315	20.00	ng	-0.10
86) Perylene-d12	16.70	264	163674	20.00	ng	-0.14
System Monitoring Compounds						
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						Qvalue
49) Dimethylphthalate	10.07	163	42352	7.35	ng	# 98
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	35142m	3.55	ng	
89) Benzo(a)pyrene	16.62	252	26441m	2.81	ng	
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

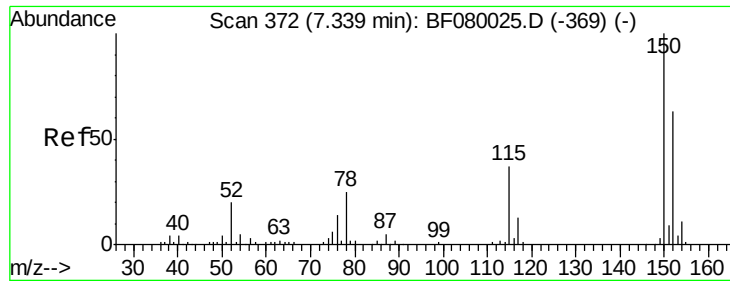
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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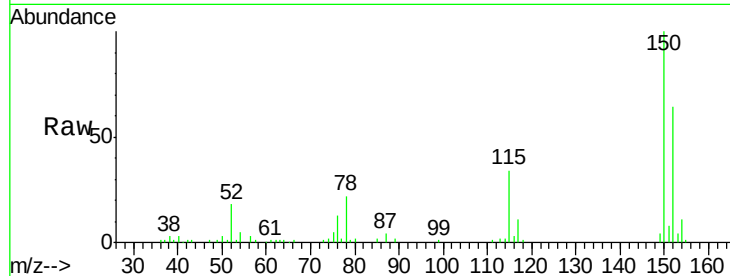




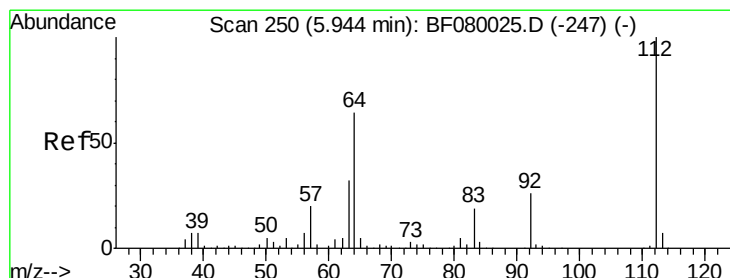
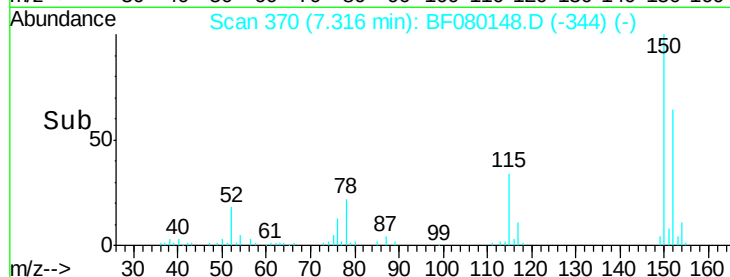
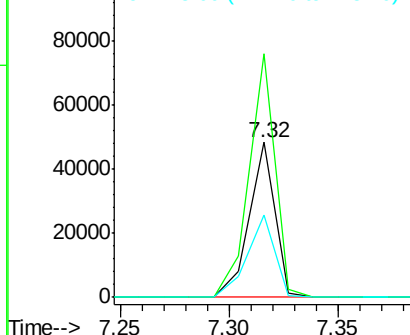
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.32 min Scan# 370
 Delta R.T. -0.00 min
 Lab File: BF080148.D
 Acq: 25 Jun 2015 1:10

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

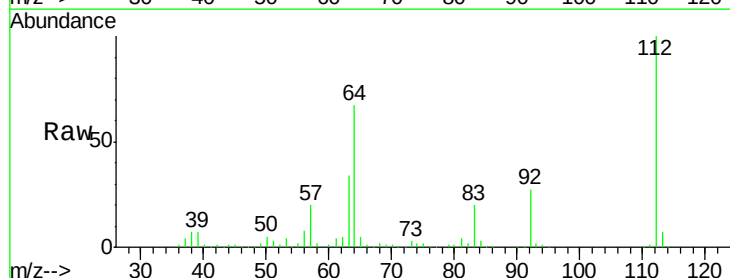


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

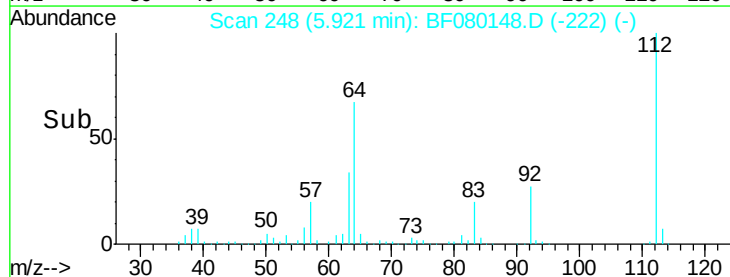
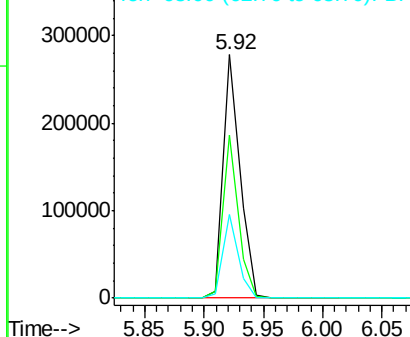


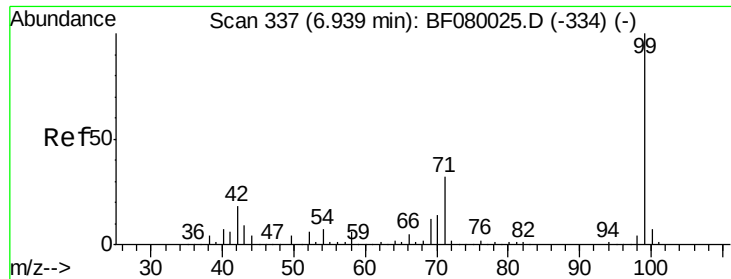
#5
 2-Fluorophenol
 Concen: 120.99 ng
 RT: 5.92 min Scan# 248
 Delta R.T. -0.00 min
 Lab File: BF080148.D
 Acq: 25 Jun 2015 1:10

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

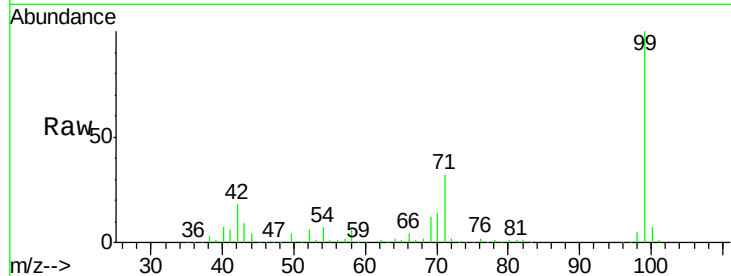
Tgt Ion: 99 Resp: 381907

Ion Ratio Lower Upper

99 100

42 17.8 13.7 20.5

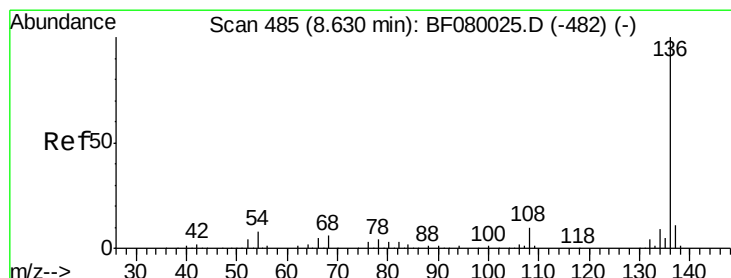
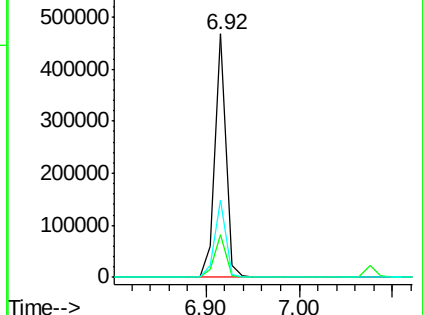
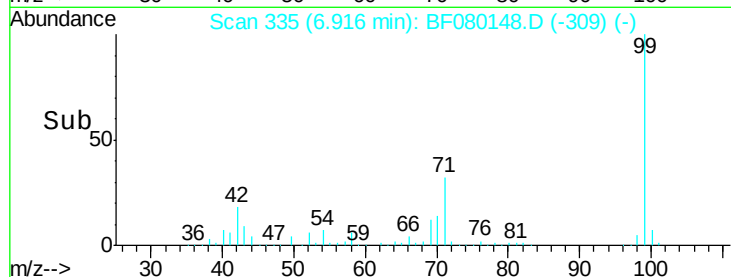
71 31.5 14.2 21.2#



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



#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

Tgt Ion: 136 Resp: 151073

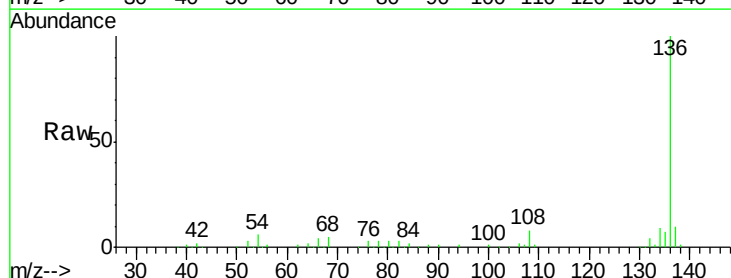
Ion Ratio Lower Upper

136 100

137 10.4 9.0 13.6

54 6.2 8.2 12.2#

68 4.9 5.8 8.6#

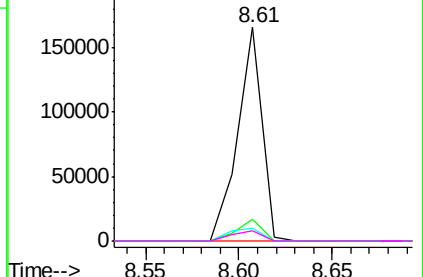
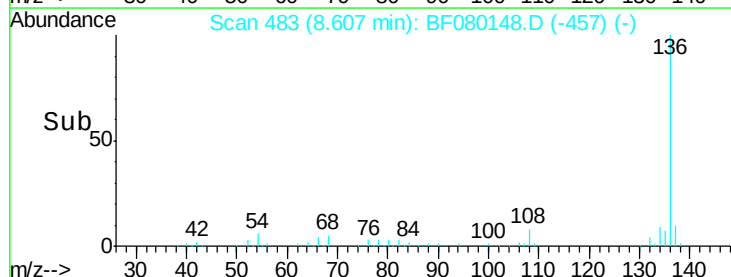


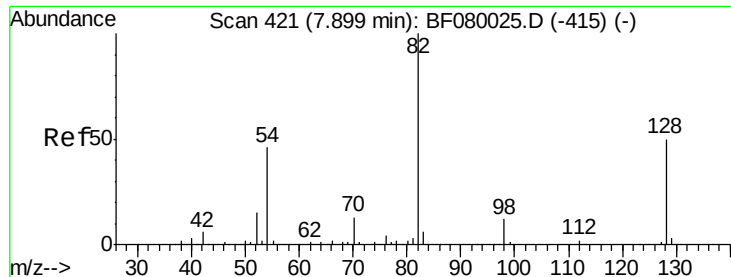
Abundance Ion 136.00 (135.70 to 136.70): E

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

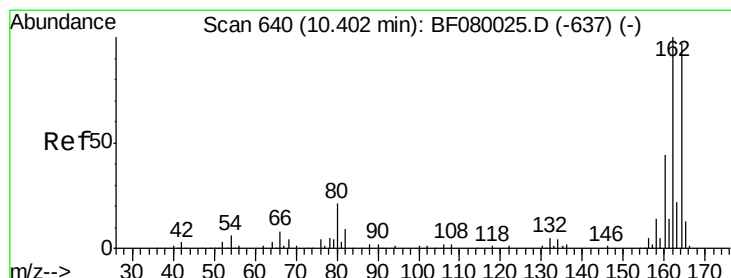
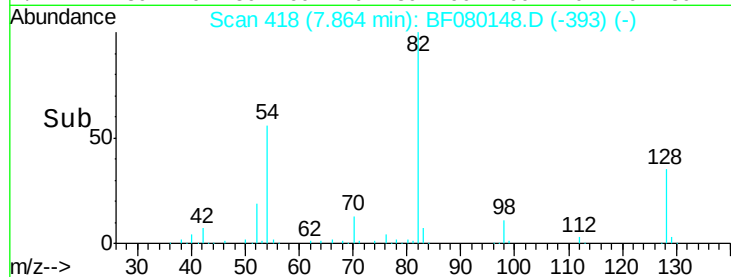
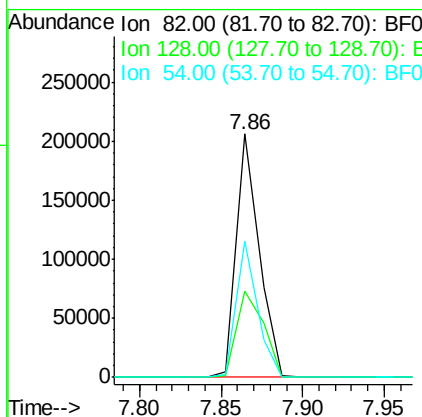
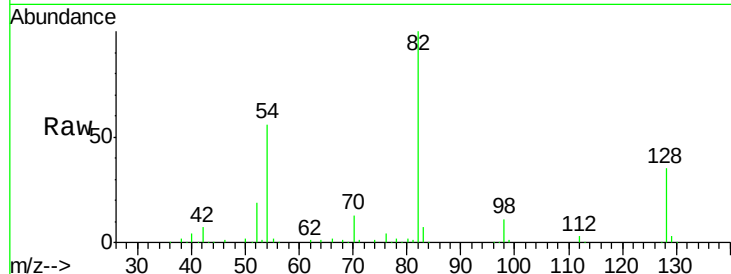




#23
 Nitrobenzene-d5
 Concen: 76.03 ng
 RT: 7.86 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BF080148.D
 Acq: 25 Jun 2015 1:10

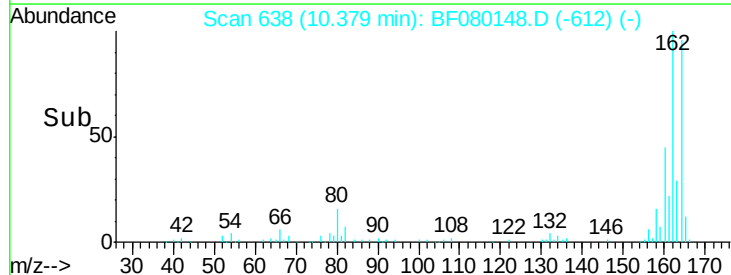
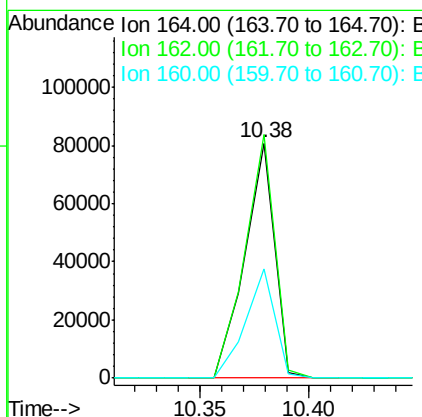
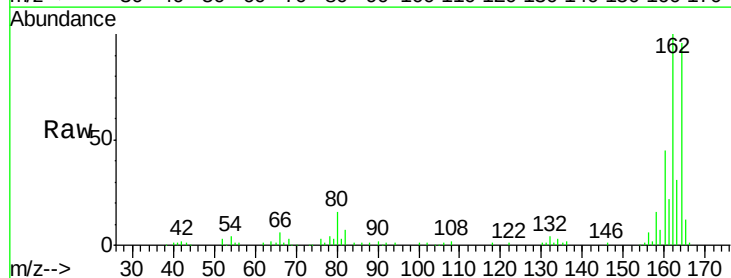
Instrument :
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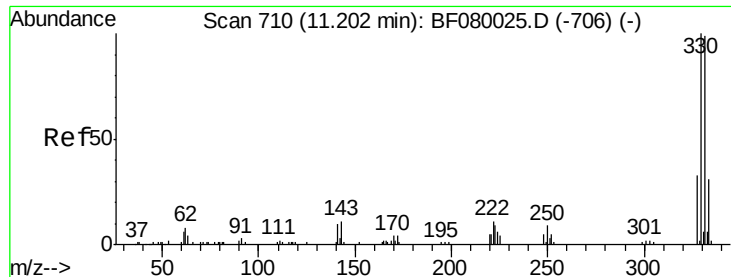
Tgt Ion: 82 Resp: 197299
 Ion Ratio Lower Upper
 82 100
 128 35.2 51.0 76.6#
 54 55.7 47.5 71.3



#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

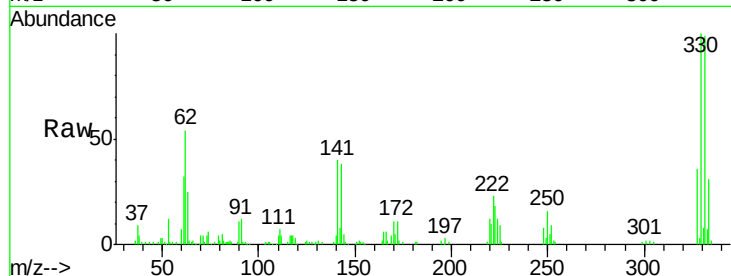




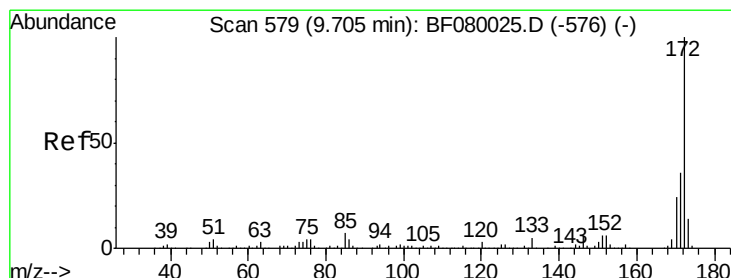
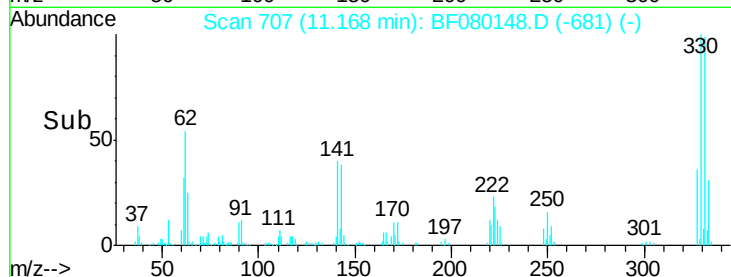
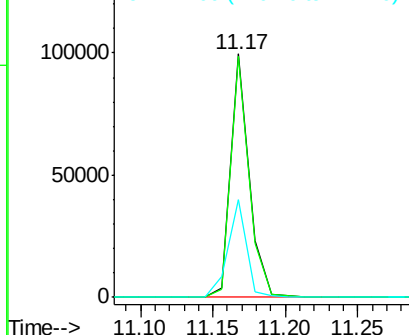
#41
 2,4,6-Tribromophenol
 Concen: 117.61 ng
 RT: 11.17 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF080148.D
 Acq: 25 Jun 2015 1:10

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

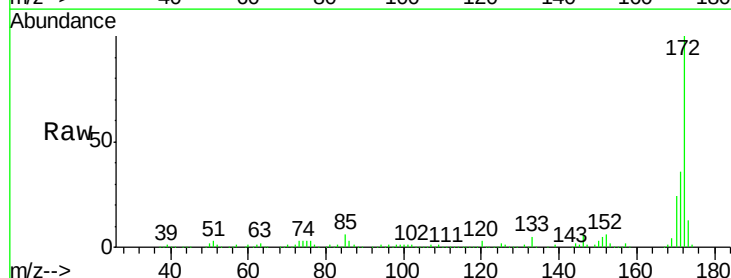


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

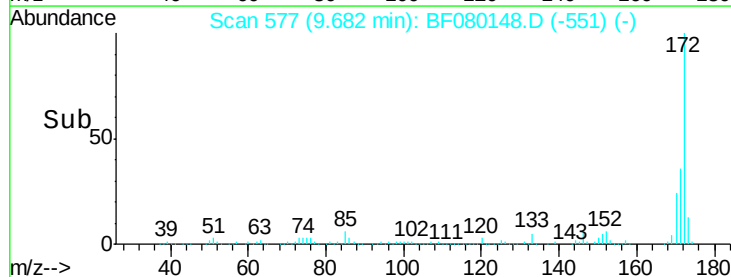
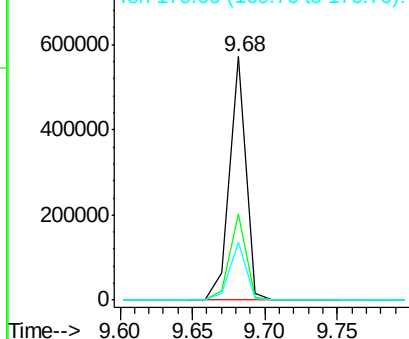


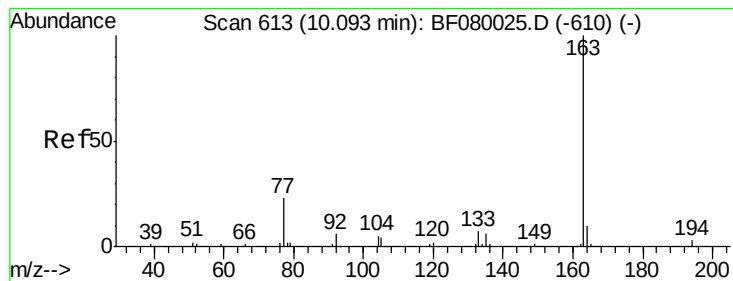
#44
 2-Fluorobiphenyl
 Concen: 83.46 ng
 RT: 9.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF080148.D
 Acq: 25 Jun 2015 1:10

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

ClientSampleId :

AC-UNDERCUT(0-2)-6

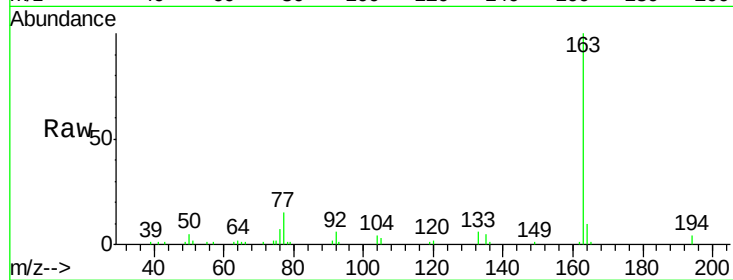
Tgt Ion:163 Resp: 42352

Ion Ratio Lower Upper

163 100

194 4.3 4.4 6.6#

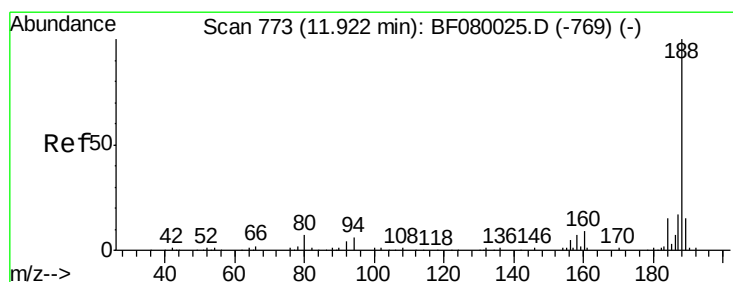
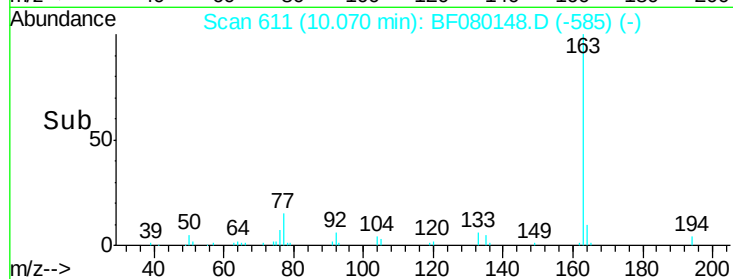
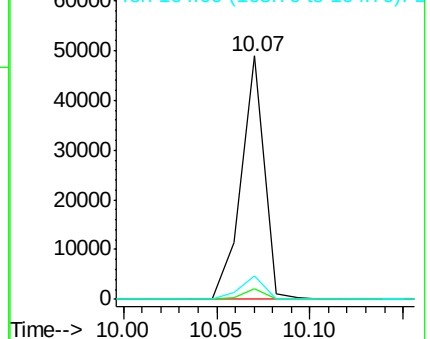
164 9.8 8.3 12.5



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



#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

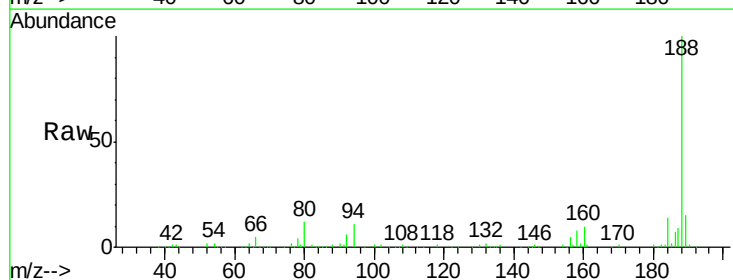
Tgt Ion:188 Resp: 154155

Ion Ratio Lower Upper

188 100

94 10.9 11.1 16.7#

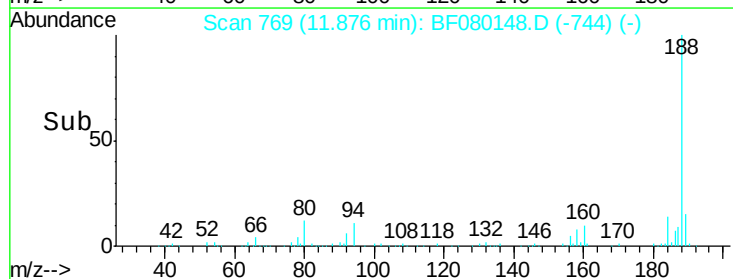
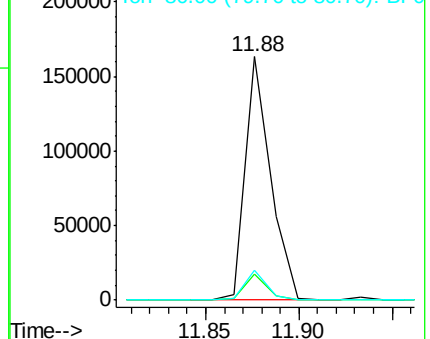
80 12.4 11.0 16.4

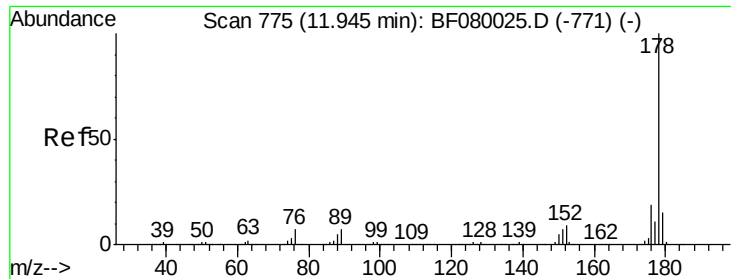


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

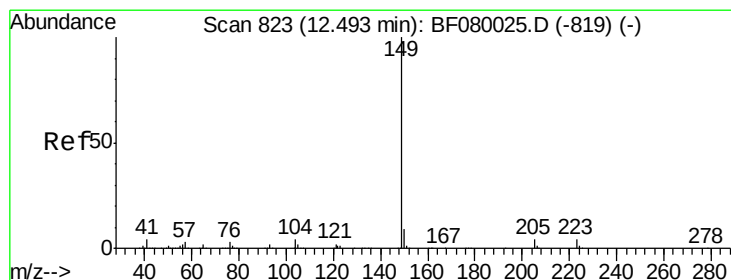
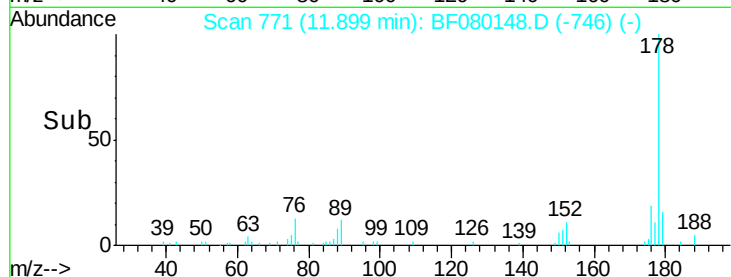
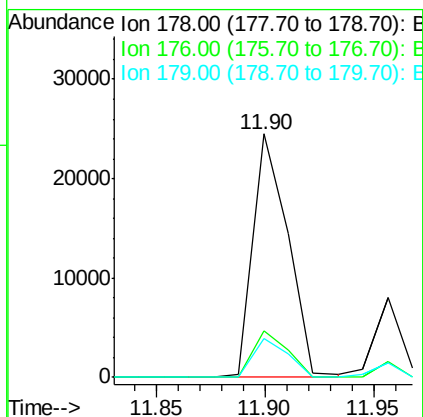
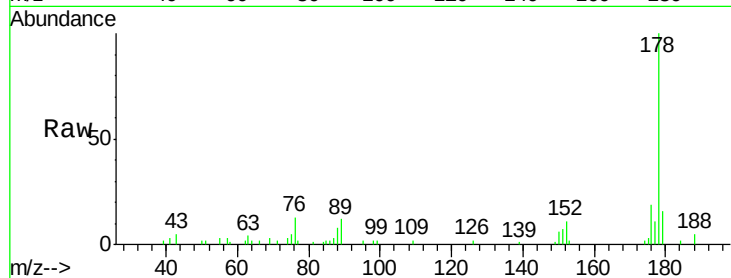




#70
 Phenanthrene
 Concen: 2.94 ng
 RT: 11.90 min Scan# 771
 Delta R.T. -0.01 min
 Lab File: BF080148.D
 Acq: 25 Jun 2015 1:10

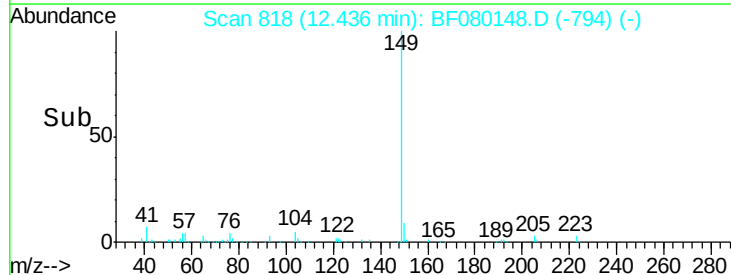
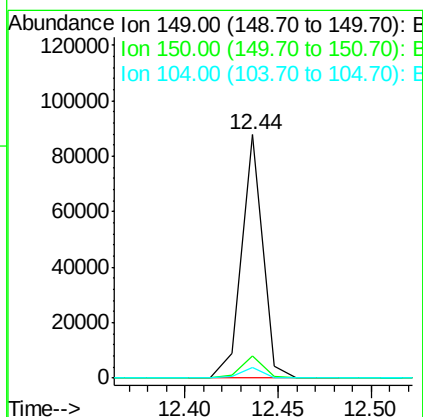
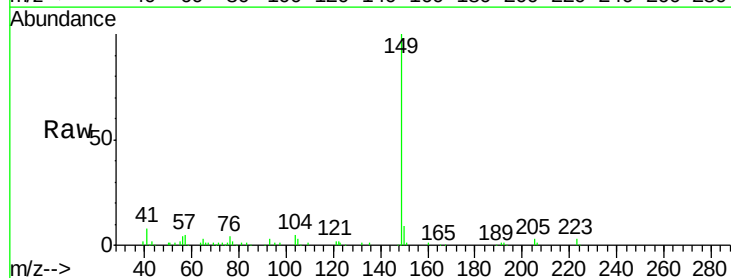
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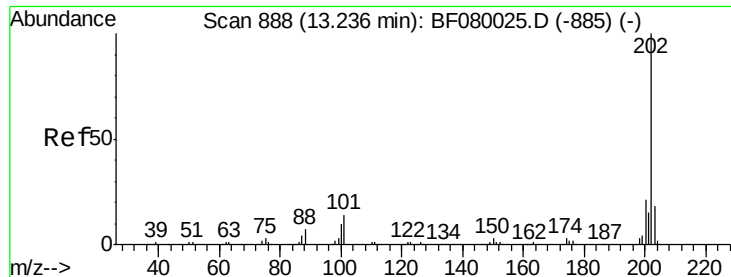
Tgt Ion:178 Resp: 27435
 Ion Ratio Lower Upper
 178 100
 176 19.2 13.8 20.8
 179 15.9 12.2 18.2



#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

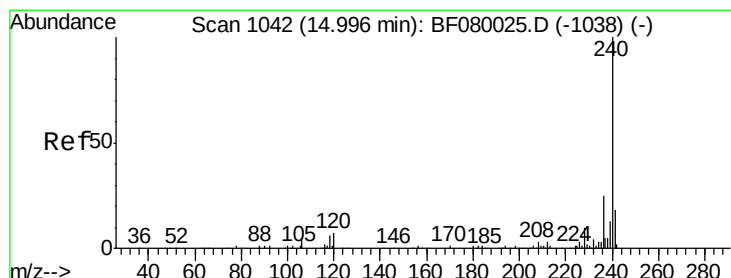
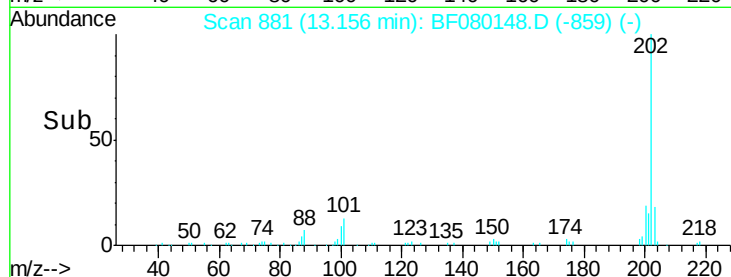
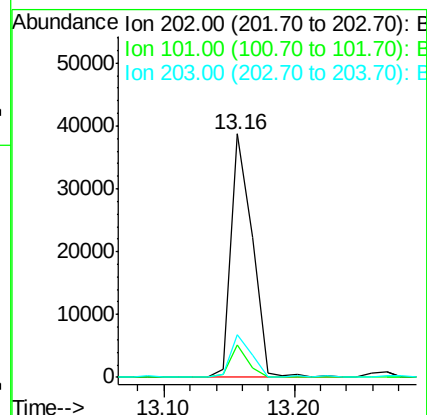
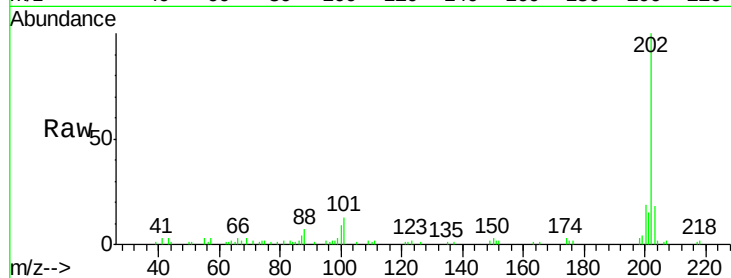
Instrument :

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



#75

Chrysene-d12

Concen: 20.00 ng

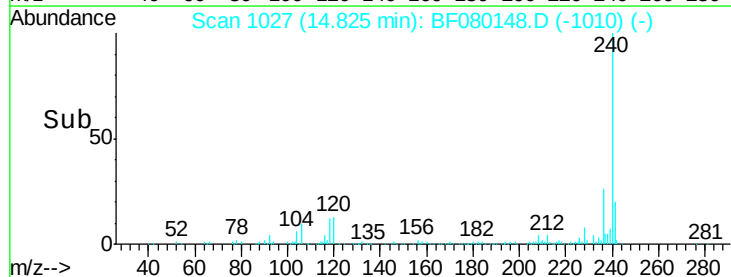
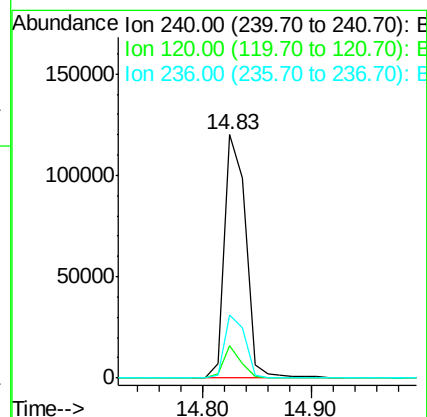
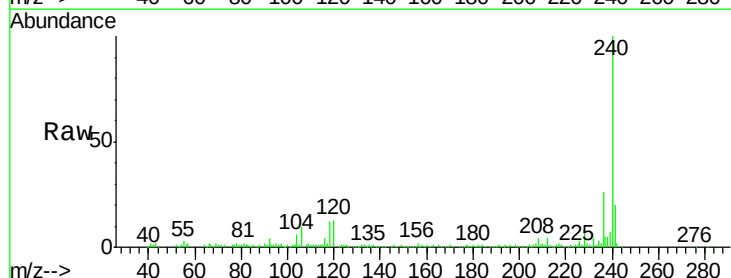
RT: 14.83 min Scan# 1027

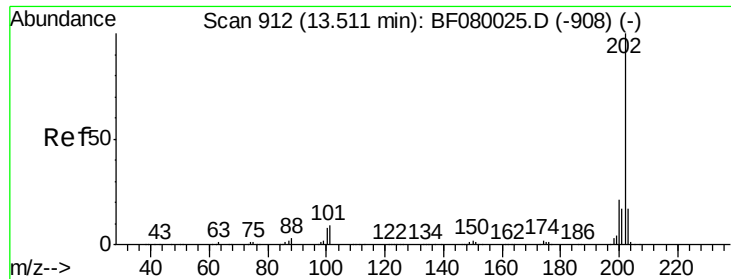
Delta R.T. -0.10 min

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





#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

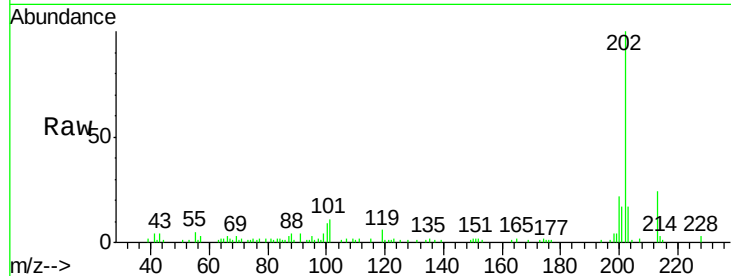
Tgt Ion: 202 Resp: 39328

Ion Ratio Lower Upper

202 100

200 22.0 15.0 22.4

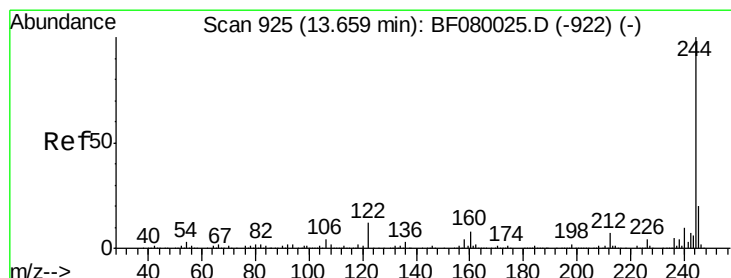
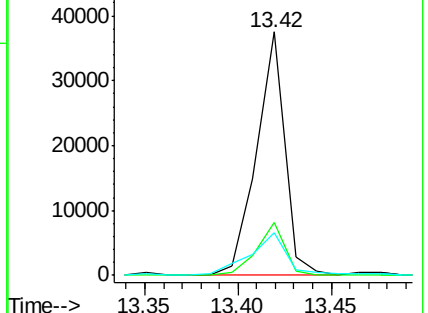
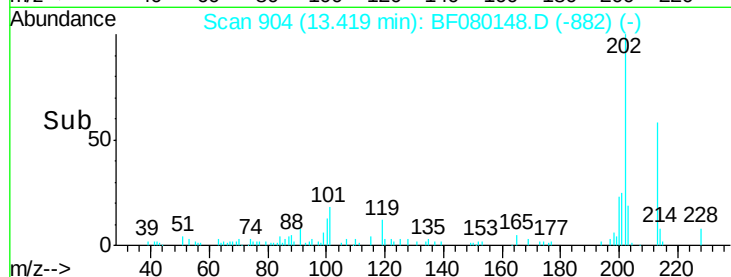
203 17.4 14.1 21.1



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

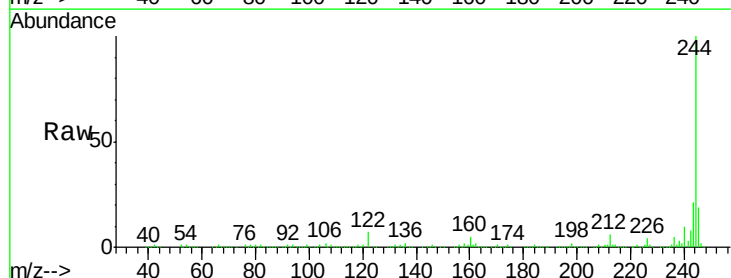
Tgt Ion: 244 Resp: 498426

Ion Ratio Lower Upper

244 100

212 6.0 4.3 6.5

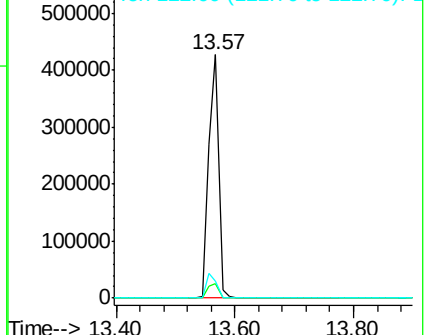
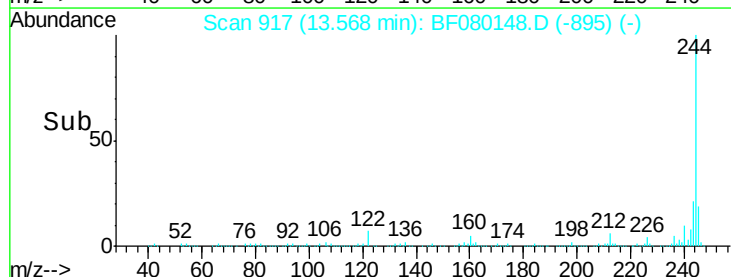
122 7.0 17.4 26.2#

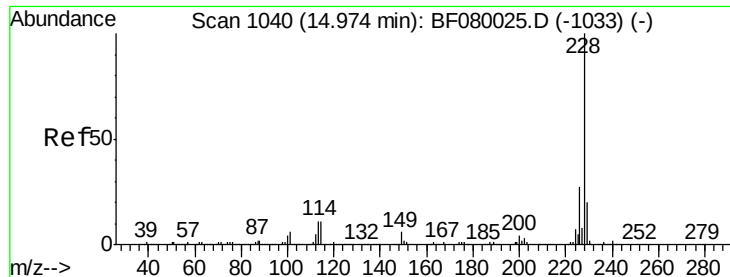


Abundance Ion 244.00 (243.70 to 244.70): E

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

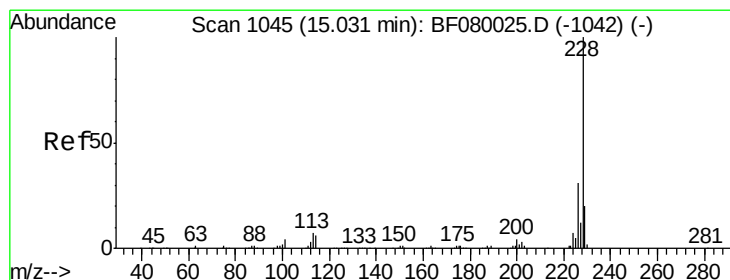
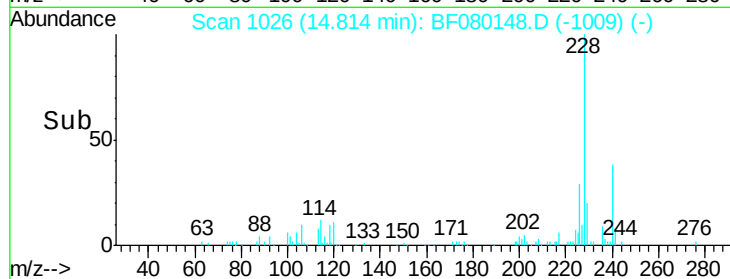
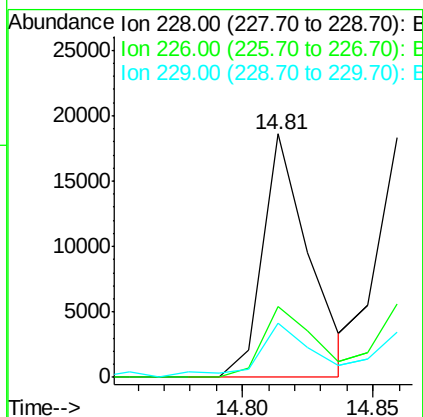
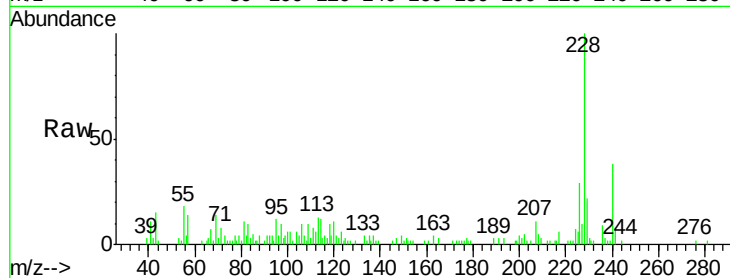
Instrument :

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

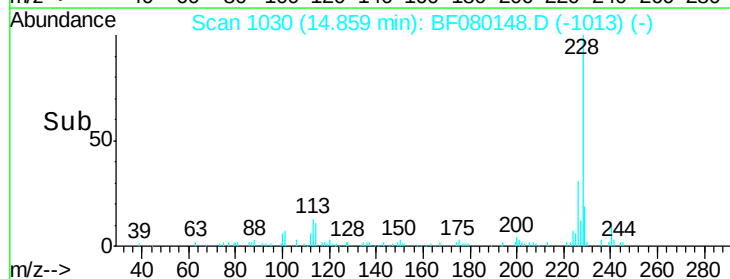
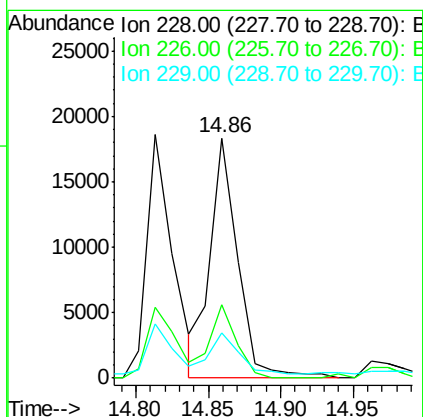
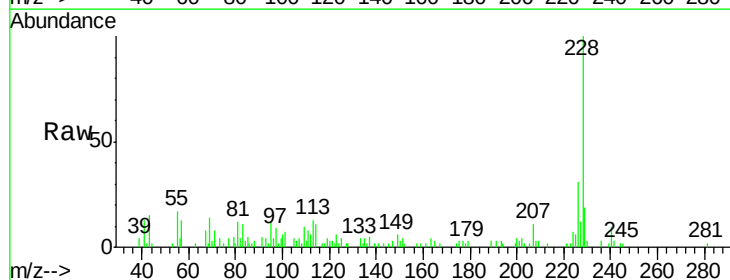
RT: 14.86 min Scan# 1030

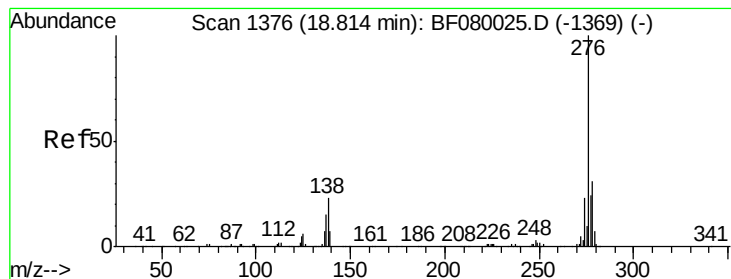
Delta R.T. -0.10 min

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

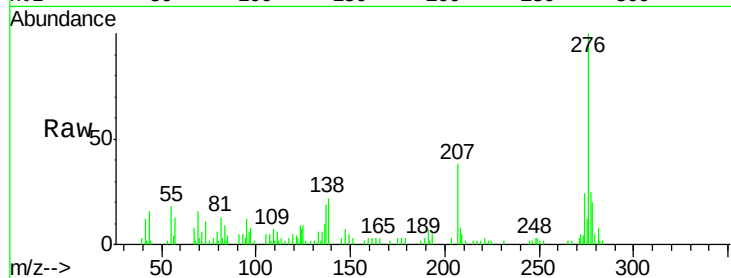
Tgt Ion:276 Resp: 45363

Ion Ratio Lower Upper

276 100

138 31.6 25.7 38.5

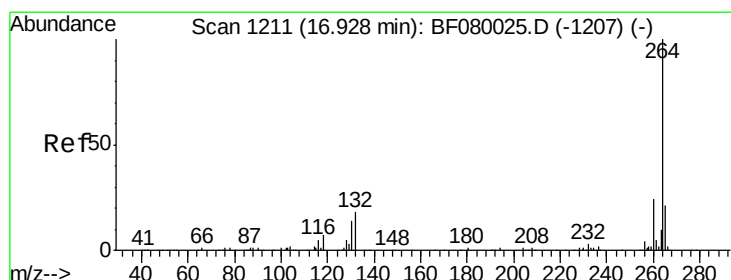
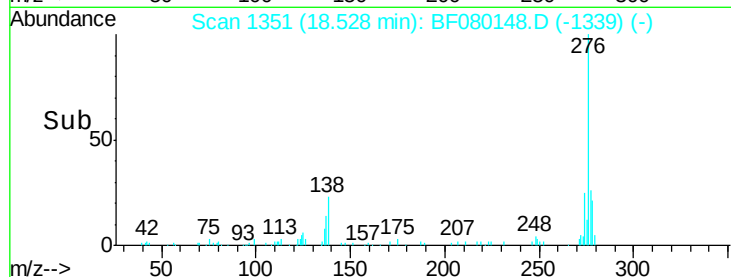
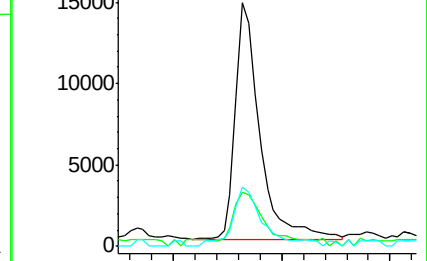
277 29.7 15.6 23.4#



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

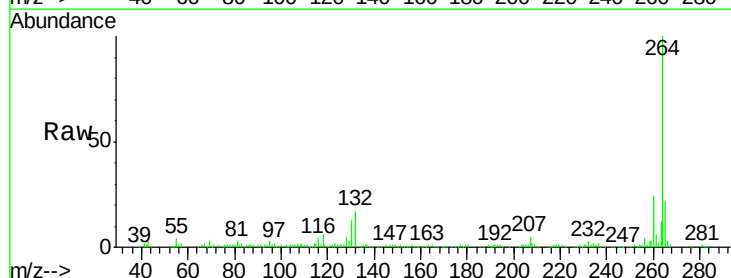
Tgt Ion:264 Resp: 163674

Ion Ratio Lower Upper

264 100

260 23.6 16.7 25.1

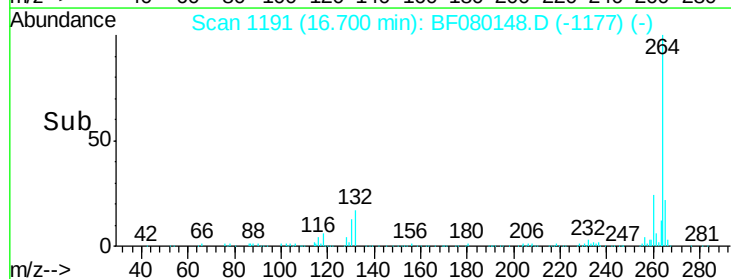
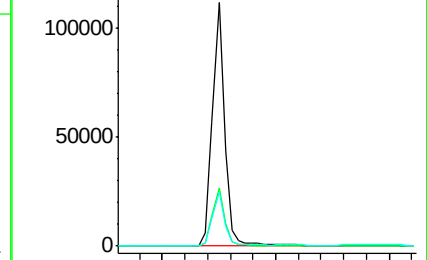
265 22.1 17.2 25.8

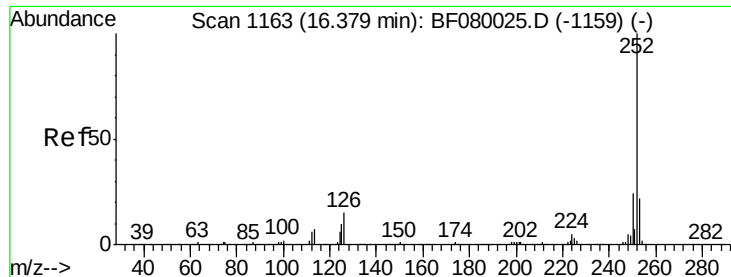


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

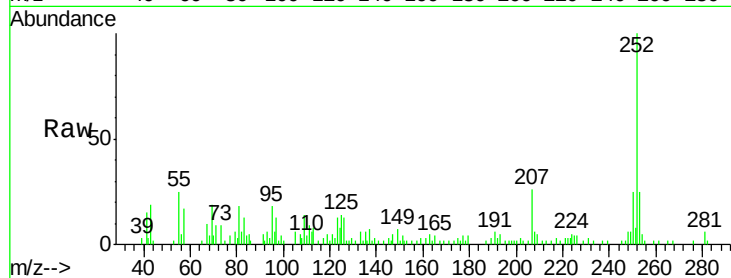




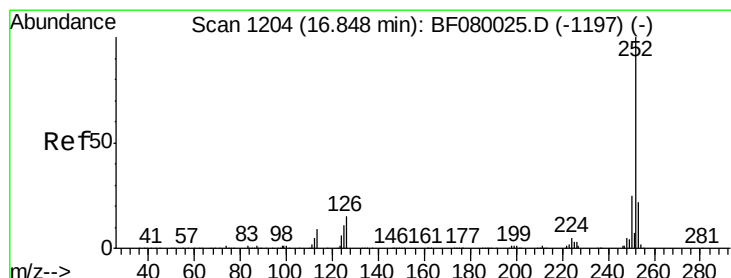
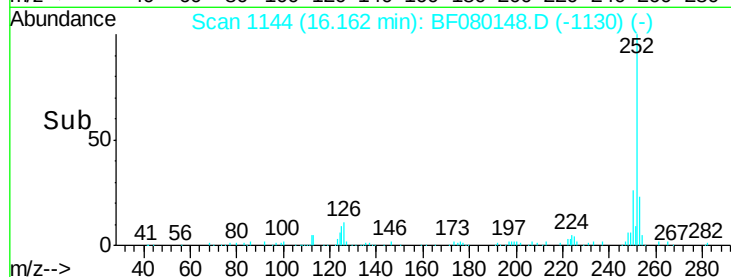
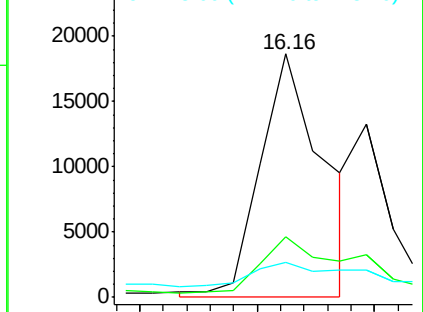
#87
Benzo(b)fluoranthene
Concen: 3.55 ng m
RT: 16.16 min Scan# 1144
Delta R.T. -0.14 min
Lab File: BF080148.D
Acq: 25 Jun 2015 1:10

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

Tgt Ion: 252 Resp: 35142
Ion Ratio Lower Upper
252 100
253 25.0 17.5 26.3
125 14.2 17.1 25.7#

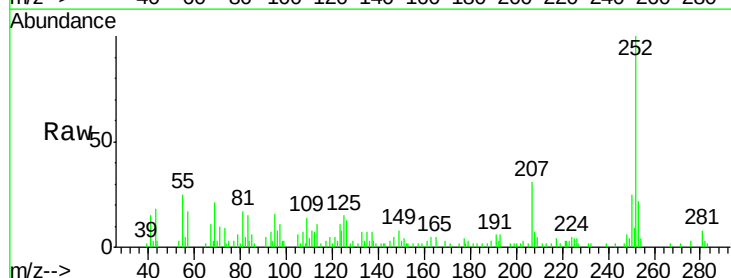


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

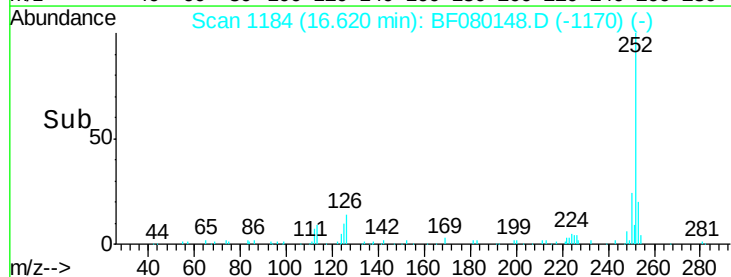
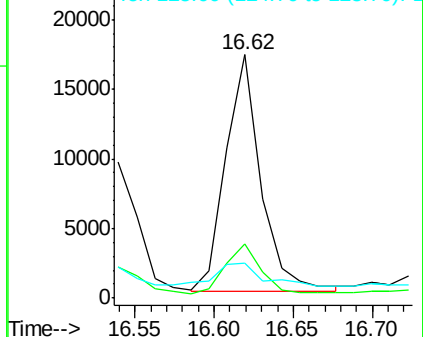


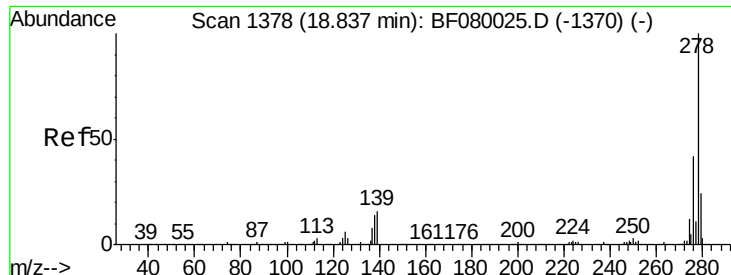
#89
Benzo(a)pyrene
Concen: 2.81 ng m
RT: 16.62 min Scan# 1184
Delta R.T. -0.14 min
Lab File: BF080148.D
Acq: 25 Jun 2015 1:10

Tgt Ion: 252 Resp: 26441
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 14.6 18.0 27.0#



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

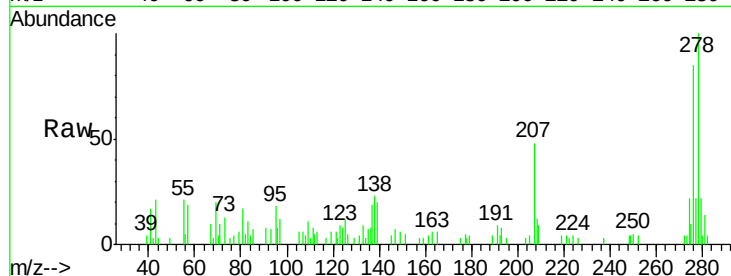
Instrument :

BNA_F

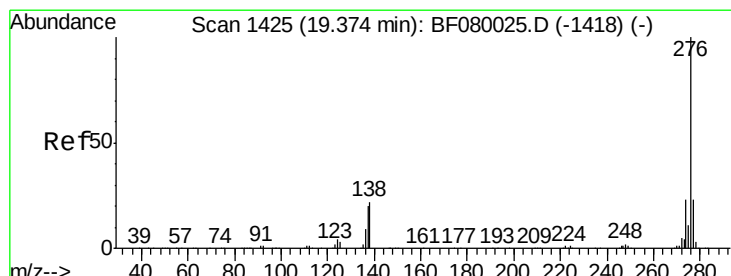
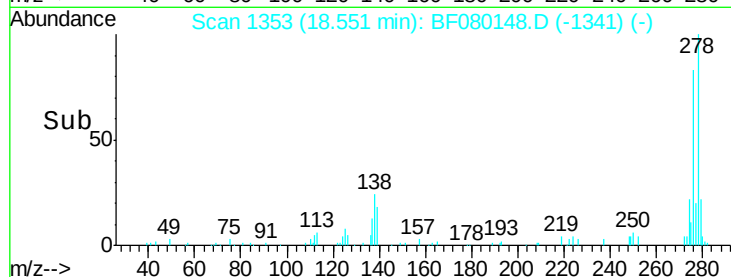
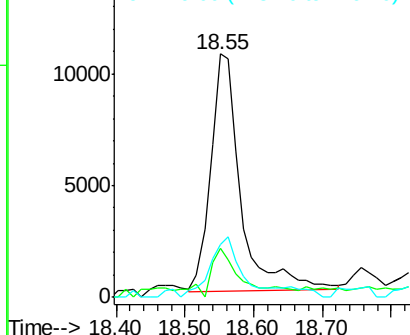
ClientSampleId :

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

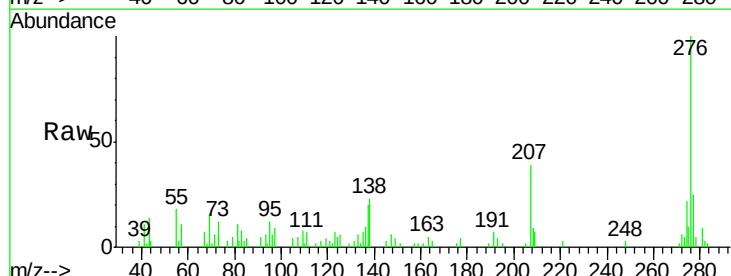
RT: 19.09 min Scan# 1400

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

