

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF042915\
 Data File : BF078837.D
 Acq On : 30 Apr 2015 4:41
 Operator : TP/IZ
 Sample : G2022-02
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-25-0-2

Quant Time: Apr 30 06:09:31 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 01:56:50 2015
 Response via : Initial Calibration

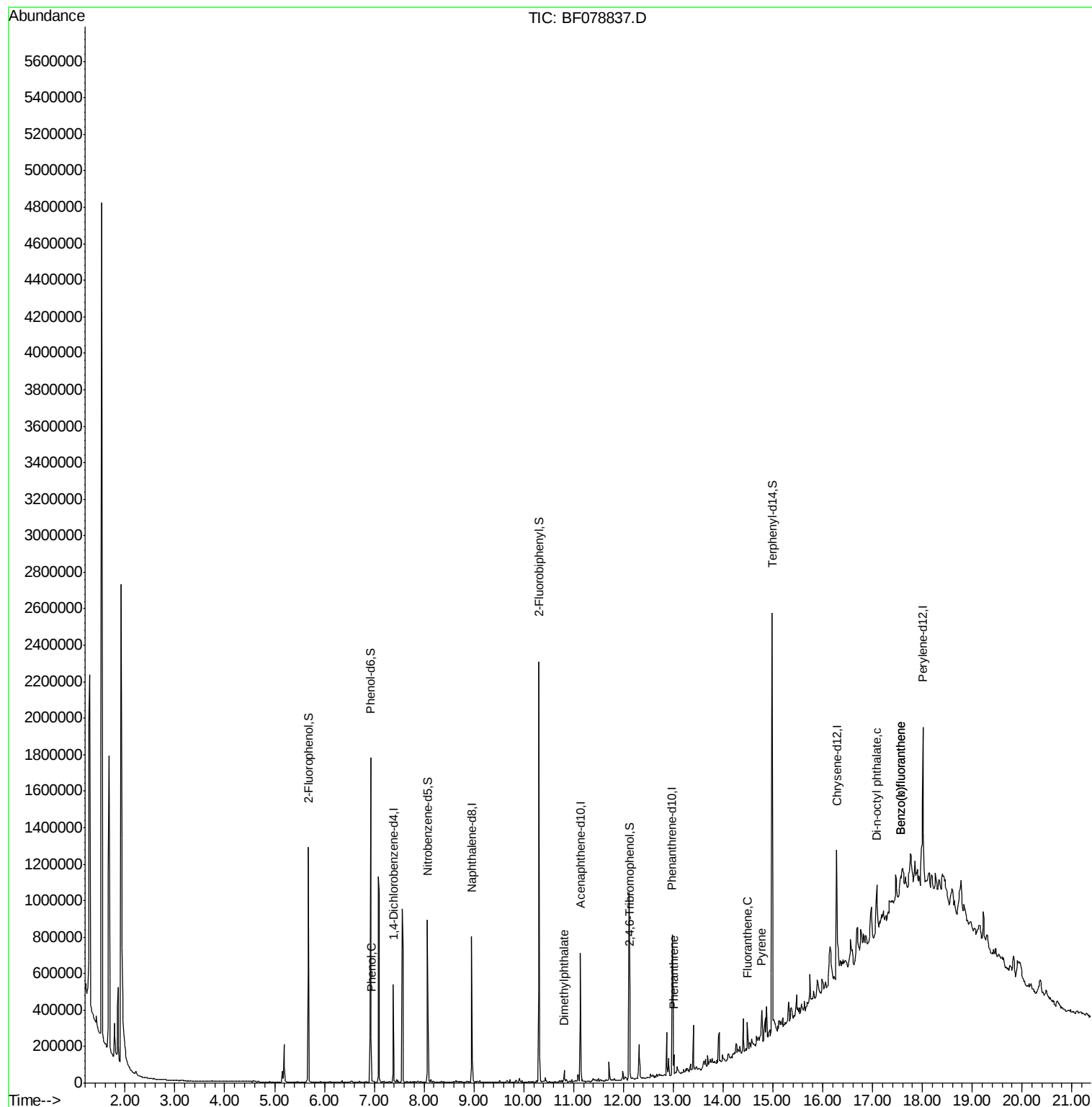
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	76847	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	329766	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	162553	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	307372	20.00	ng	0.00
75) Chrysene-d12	16.29	240	345169	20.00	ng	0.00
86) Perylene-d12	18.01	264	368050	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	396691	94.81	ng	0.01
7) Phenol-d6	6.92	99	550997	98.60	ng	0.00
23) Nitrobenzene-d5	8.07	82	294672	64.34	ng	0.00
41) 2,4,6-Tribromophenol	12.13	330	138850	87.70	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	695351	58.58	ng	0.00
78) Terphenyl-d14	14.98	244	799434	55.16	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.94	94	19425	2.94	ng	78
49) Dimethylphthalate	10.81	163	24011	2.08	ng	99
70) Phenanthrene	13.02	178	47465	2.85	ng	98
74) Fluoranthene	14.49	202	70675	4.26	ng	99
77) Pyrene	14.78	202	66232	3.28	ng	97
84) Di-n-octyl phthalate	17.09	149	6454	7.22	ng	# 100
87) Benzo(b)fluoranthene	17.55	252	53994	2.71	ng	# 45
88) Benzo(k)fluoranthene	17.55	252	53994	2.80	ng	# 46

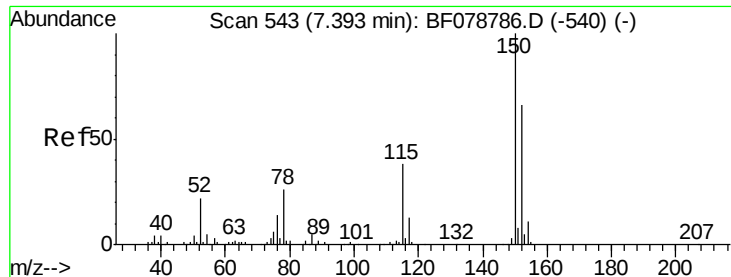
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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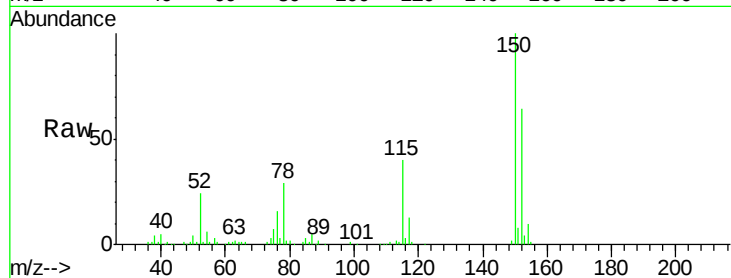


#1

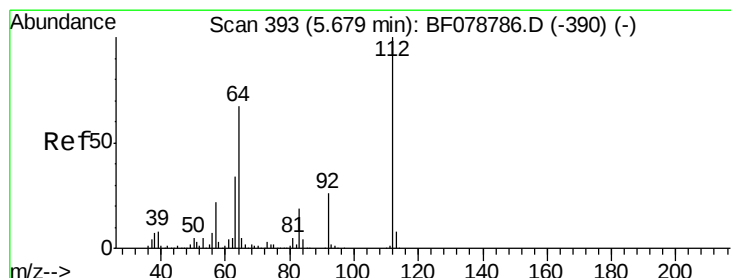
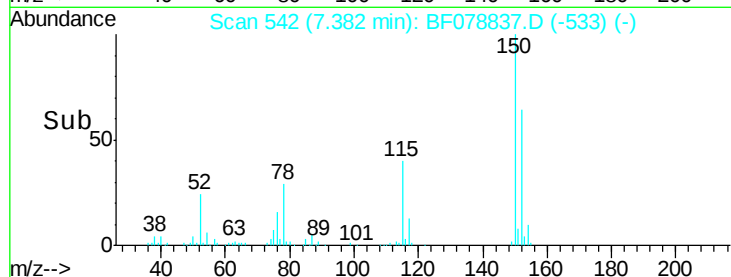
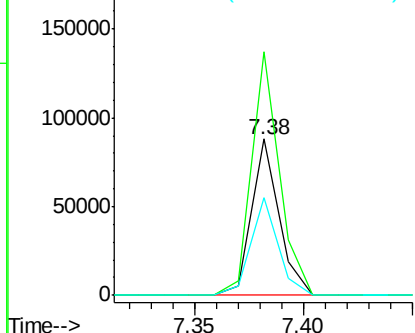
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. 0.00 min
Lab File: BF078837.D
Acq: 30 Apr 2015 4:41

Instrument :
BNA_F
ClientSampleId :
PS-25-0-2

Tgt Ion:152 Resp: 76847
Ion Ratio Lower Upper
152 100
150 156.1 122.0 183.0
115 62.4 46.3 69.5



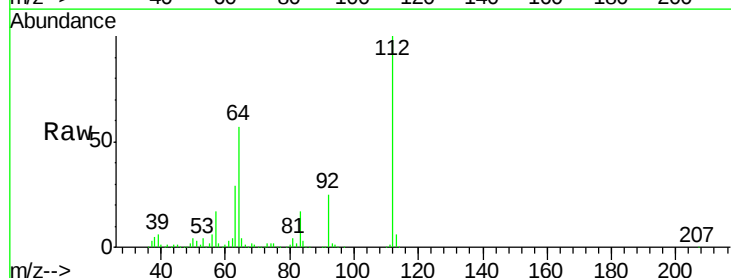
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



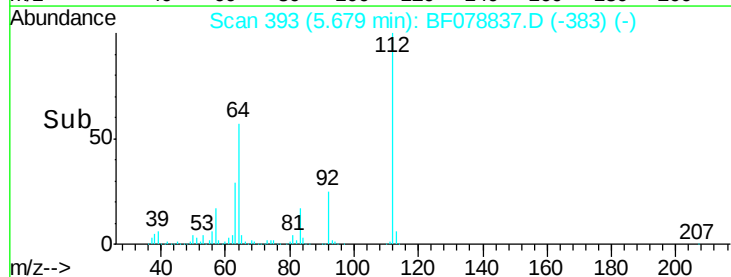
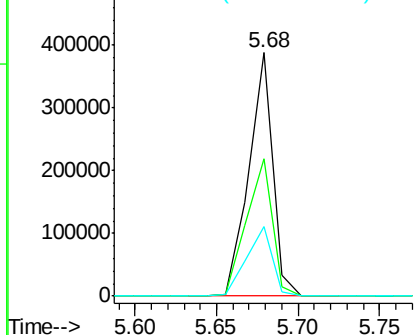
#5

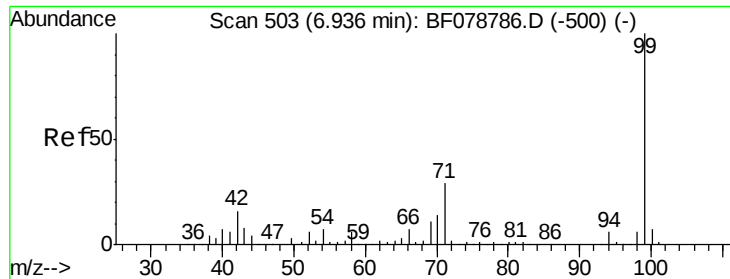
2-Fluorophenol
Concen: 94.81 ng
RT: 5.68 min Scan# 393
Delta R.T. 0.01 min
Lab File: BF078837.D
Acq: 30 Apr 2015 4:41

Tgt Ion:112 Resp: 396691
Ion Ratio Lower Upper
112 100
64 56.7 53.5 80.3
63 28.5 27.5 41.3



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: 98.60 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.00 min

Lab File: BF078837.D

Acq: 30 Apr 2015 4:41

Instrument :

BNA_F

ClientSampleId :

PS-25-0-2

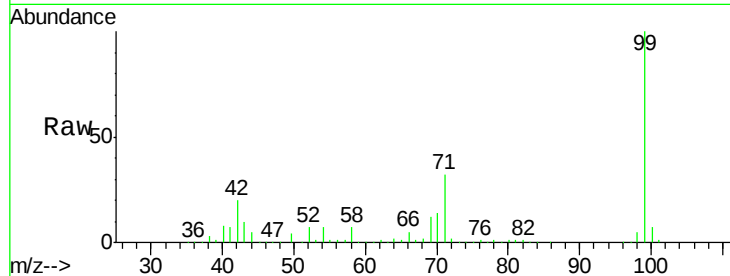
Tgt Ion: 99 Resp: 550997

Ion Ratio Lower Upper

99 100

42 20.0 12.8 19.2#

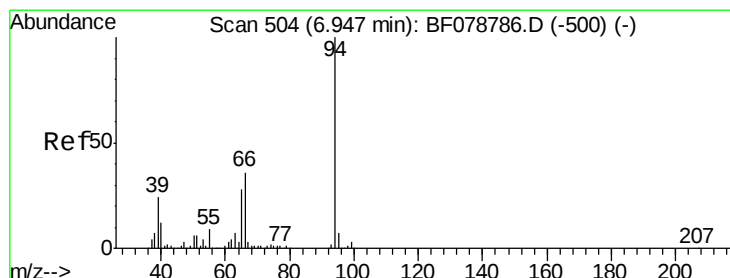
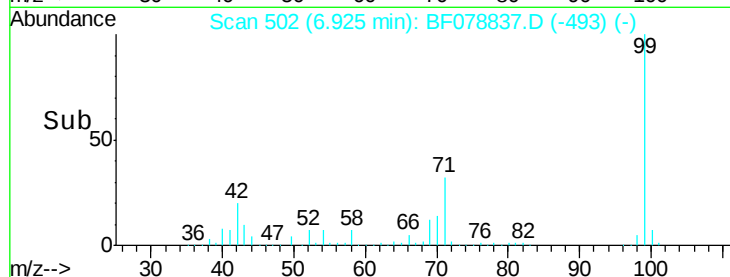
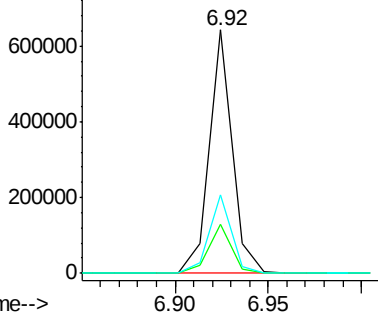
71 32.2 23.4 35.2



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



#10

Phenol

Concen: 2.94 ng

RT: 6.94 min Scan# 503

Delta R.T. 0.00 min

Lab File: BF078837.D

Acq: 30 Apr 2015 4:41

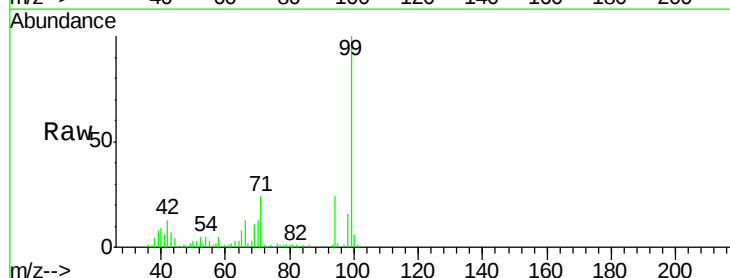
Tgt Ion: 94 Resp: 19425

Ion Ratio Lower Upper

94 100

65 33.9 8.5 48.5

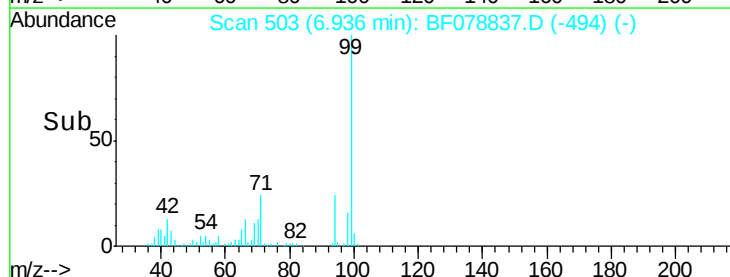
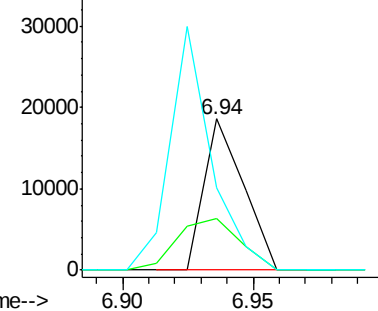
66 54.3 16.0 56.0

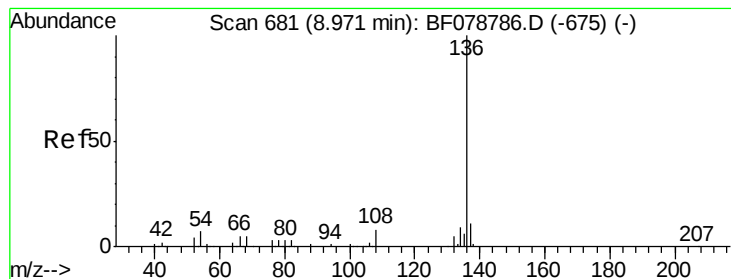


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 680

Delta R.T. 0.00 min

Lab File: BF078837.D

Acq: 30 Apr 2015 4:41

Instrument :

BNA_F

ClientSampleId :

PS-25-0-2

Tgt Ion: 136 Resp: 329766

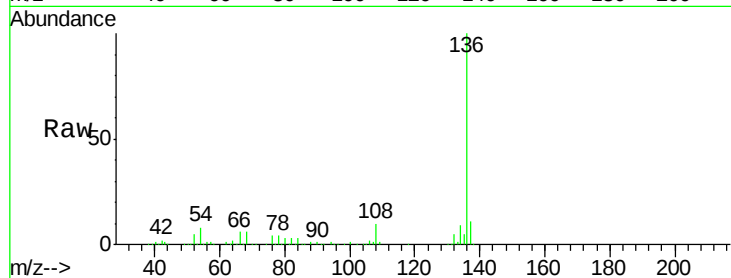
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 8.4 5.8 8.8

68 6.2 4.2 6.4

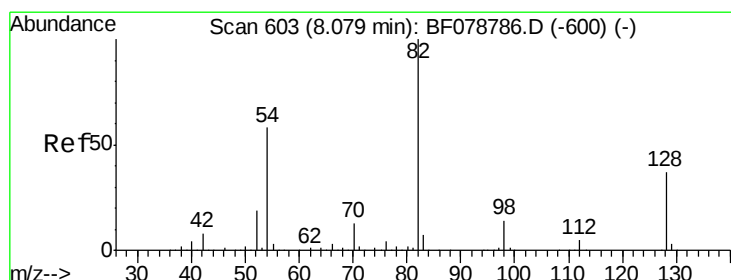
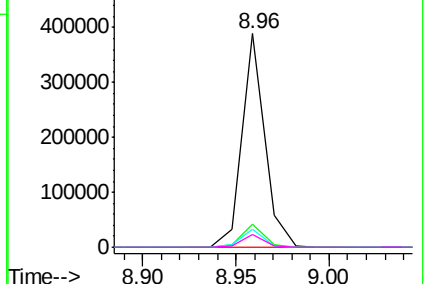
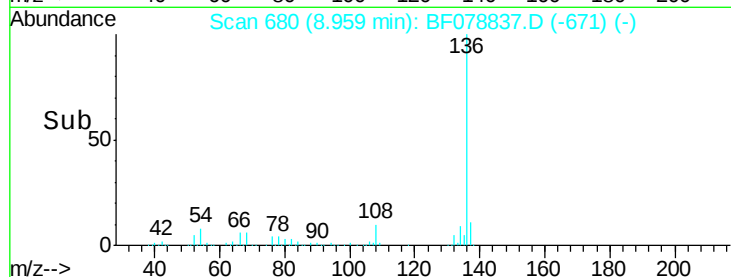


Abundance Ion 136.00 (135.70 to 136.70): E

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: 64.34 ng

RT: 8.07 min Scan# 602

Delta R.T. 0.00 min

Lab File: BF078837.D

Acq: 30 Apr 2015 4:41

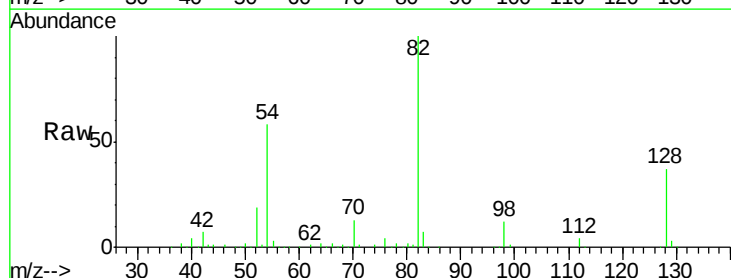
Tgt Ion: 82 Resp: 294672

Ion Ratio Lower Upper

82 100

128 37.3 30.0 45.0

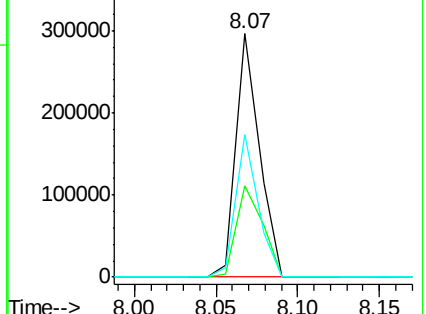
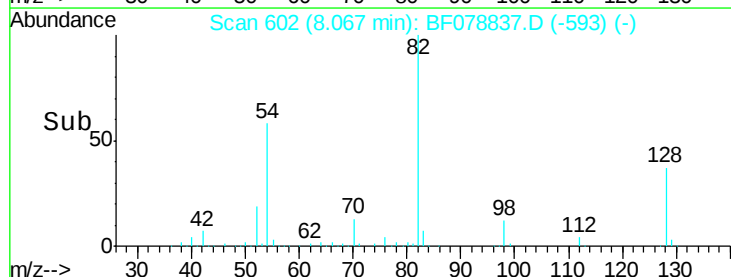
54 58.3 46.4 69.6

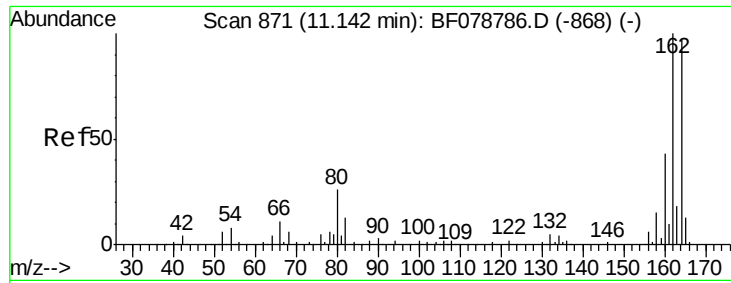


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

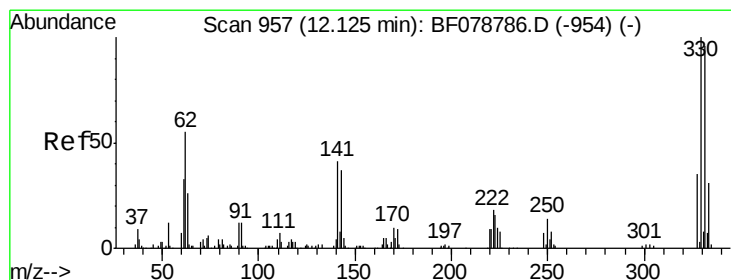
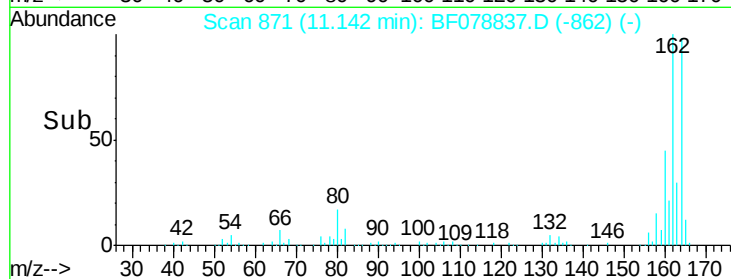
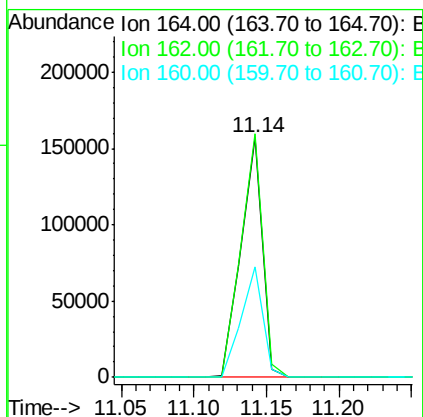
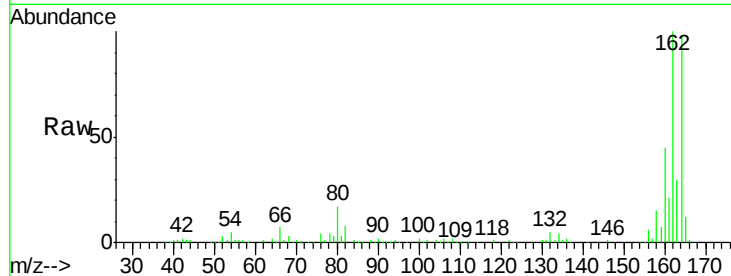




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: BF078837.D
 Acq: 30 Apr 2015 4:41

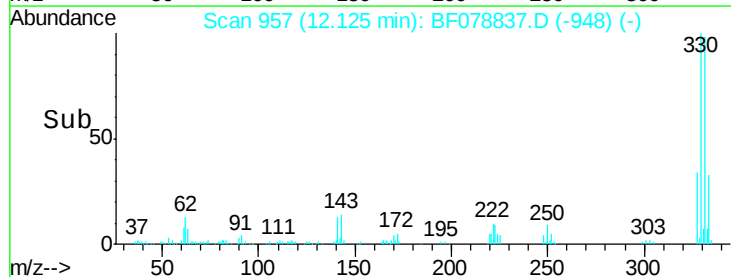
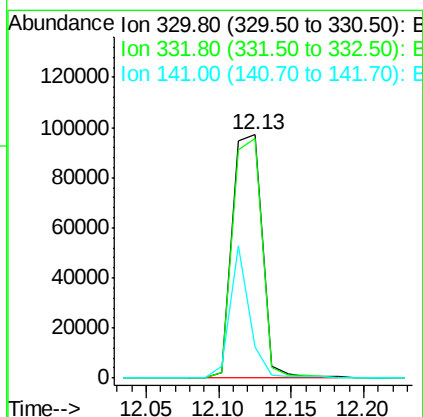
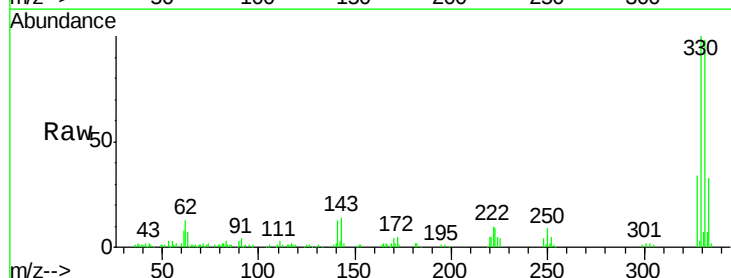
Instrument :
 BNA_F
 ClientSampleId :
 PS-25-0-2

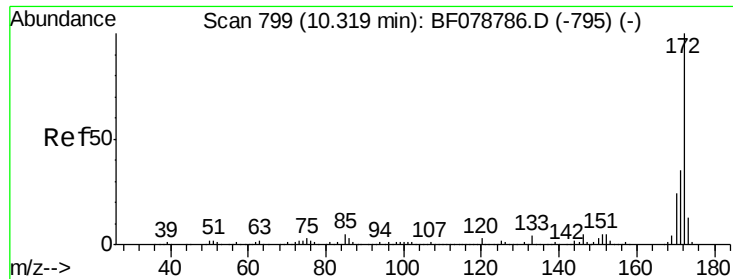
Tgt Ion:164 Resp: 162553
 Ion Ratio Lower Upper
 164 100
 162 101.8 82.7 124.1
 160 46.0 35.8 53.8



#41
 2,4,6-Tribromophenol
 Concen: 87.70 ng
 RT: 12.13 min Scan# 957
 Delta R.T. 0.00 min
 Lab File: BF078837.D
 Acq: 30 Apr 2015 4:41

Tgt Ion:330 Resp: 138850
 Ion Ratio Lower Upper
 330 100
 332 97.1 0.0 0.0#
 141 36.0 0.0 0.0#

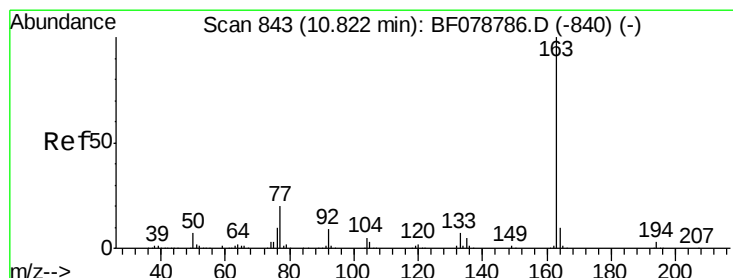
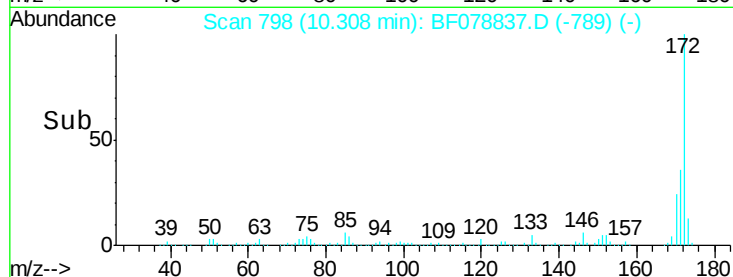
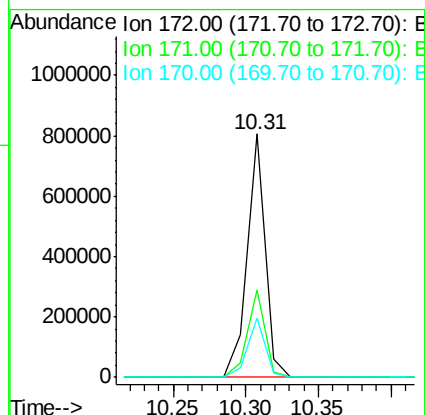
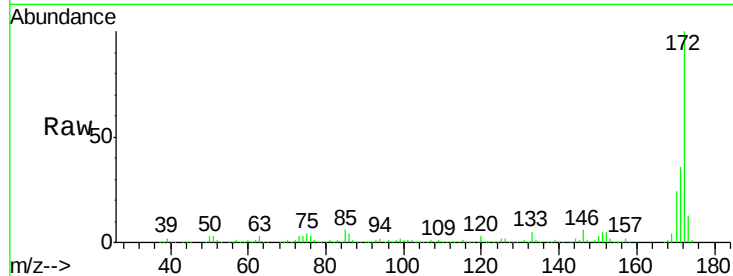




#44
 2-Fluorobiphenyl
 Concen: 58.58 ng
 RT: 10.31 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BF078837.D
 Acq: 30 Apr 2015 4:41

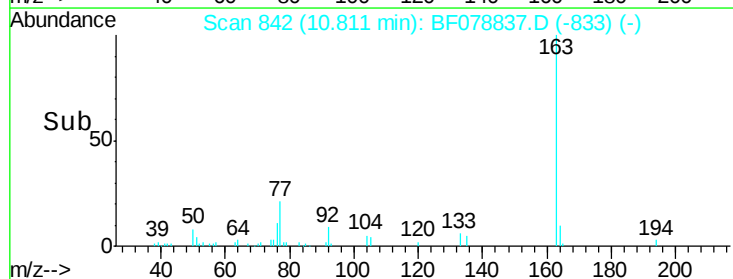
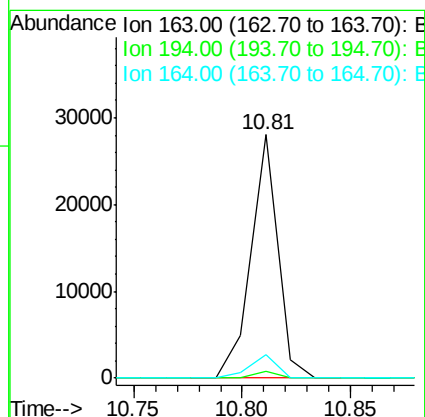
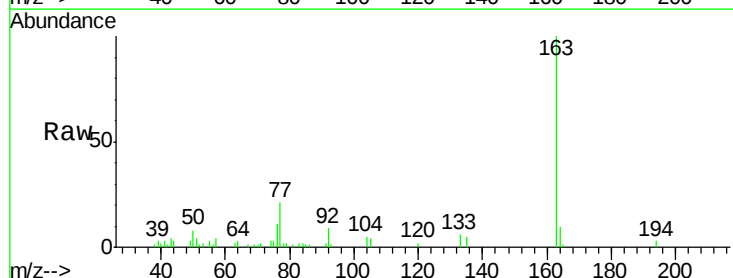
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 PS-25-0-2

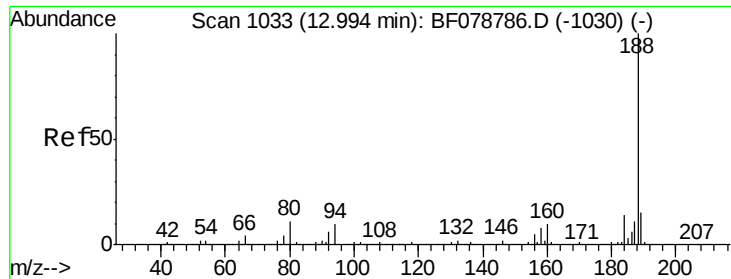
Tgt Ion:172 Resp: 695351
 Ion Ratio Lower Upper
 172 100
 171 36.0 27.9 41.9
 170 24.1 19.4 29.0



#49
 Dimethylphthalate
 Concen: 2.08 ng
 RT: 10.81 min Scan# 842
 Delta R.T. 0.00 min
 Lab File: BF078837.D
 Acq: 30 Apr 2015 4:41

Tgt Ion:163 Resp: 24011
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.6 4.0
 164 9.6 8.1 12.1

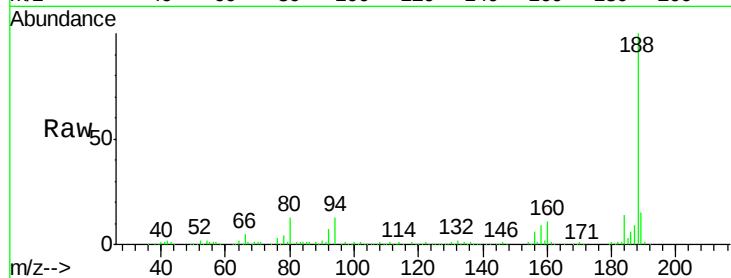




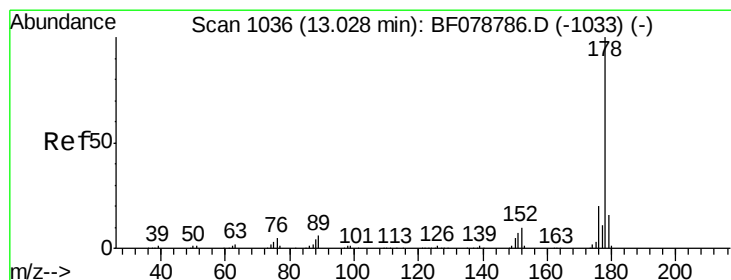
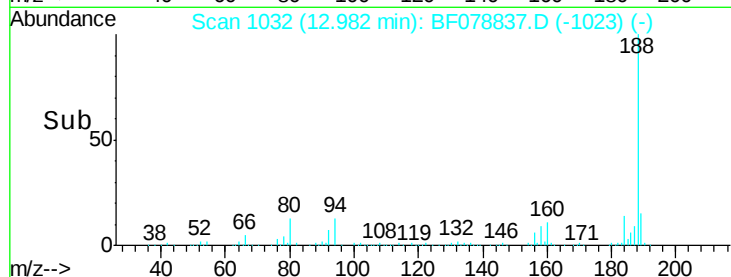
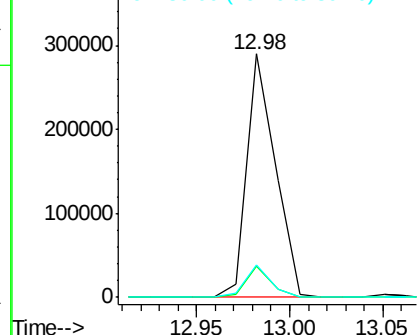
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.98 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF078837.D
Acq: 30 Apr 2015 4:41

Instrument :
BNA_F
ClientSampleId :
PS-25-0-2

Tgt Ion:188 Resp: 307372
Ion Ratio Lower Upper
188 100
94 12.7 8.2 12.2#
80 13.4 8.9 13.3#

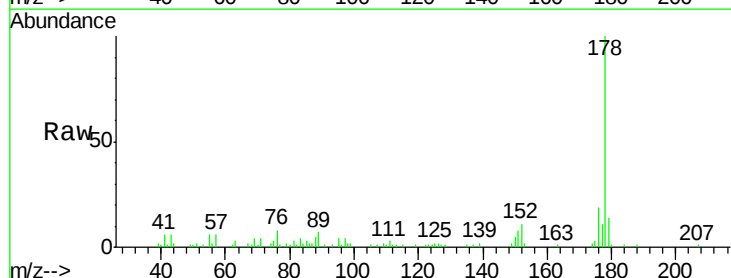


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

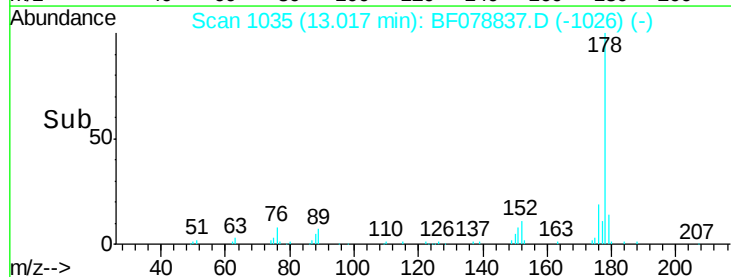
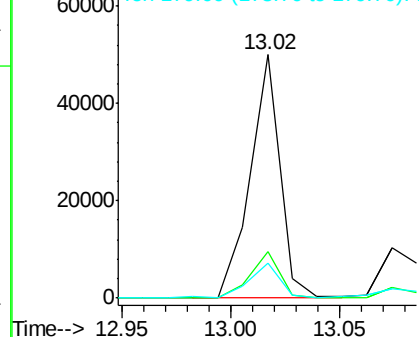


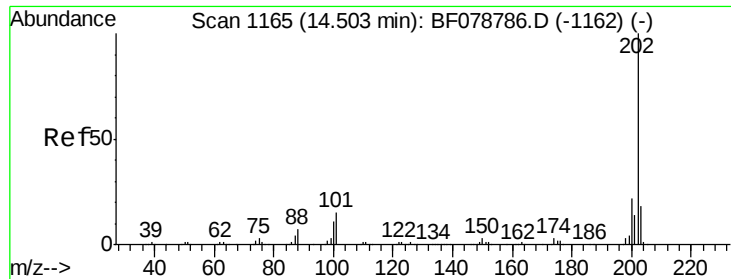
#70
Phenanthrene
Concen: 2.85 ng
RT: 13.02 min Scan# 1035
Delta R.T. 0.00 min
Lab File: BF078837.D
Acq: 30 Apr 2015 4:41

Tgt Ion:178 Resp: 47465
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.8
179 14.3 12.5 18.7



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





#74

Fluoranthene

Concen: 4.26 ng

RT: 14.49 min Scan# 1164

Delta R.T. 0.00 min

Lab File: BF078837.D

Acq: 30 Apr 2015 4:41

Instrument :

BNA_F

ClientSampleId :

PS-25-0-2

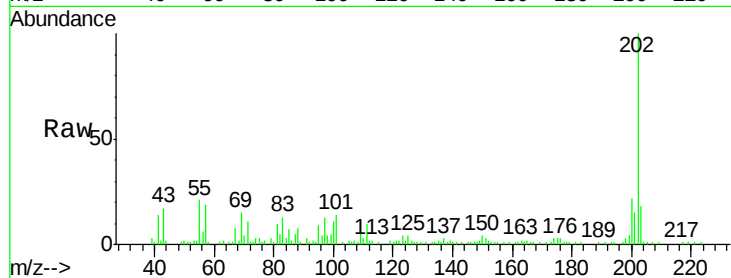
Tgt Ion:202 Resp: 70675

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.6

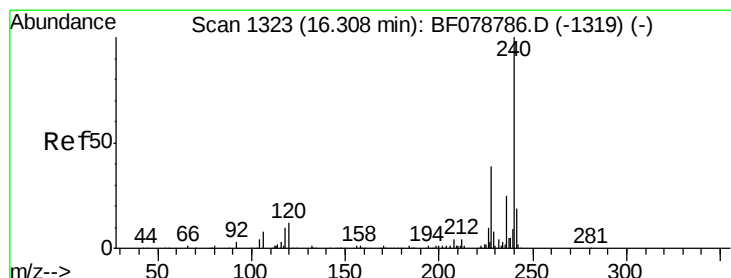
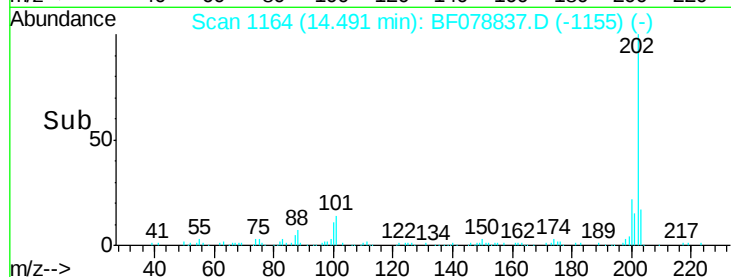
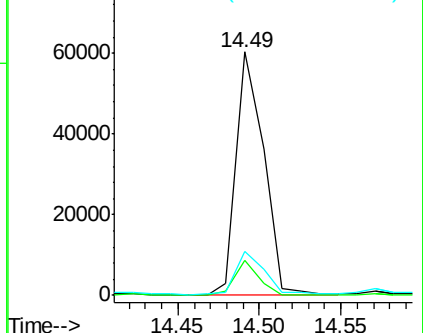
203 17.9 0.0 38.4



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: 16.29 min Scan# 1321

Delta R.T. 0.00 min

Lab File: BF078837.D

Acq: 30 Apr 2015 4:41

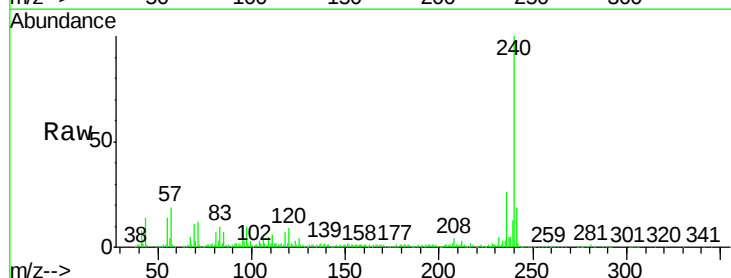
Tgt Ion:240 Resp: 345169

Ion Ratio Lower Upper

240 100

120 8.6 9.7 14.5#

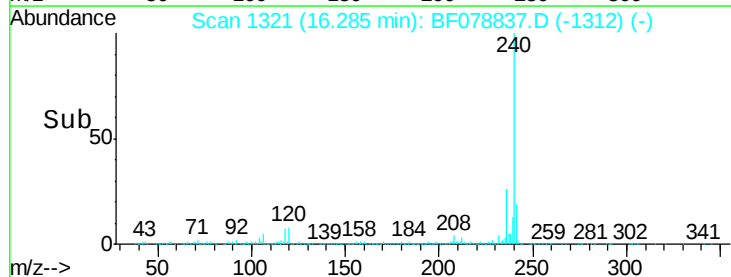
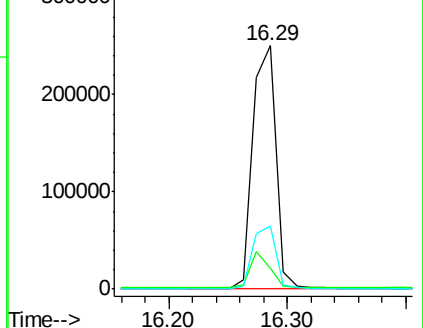
236 25.9 20.2 30.4

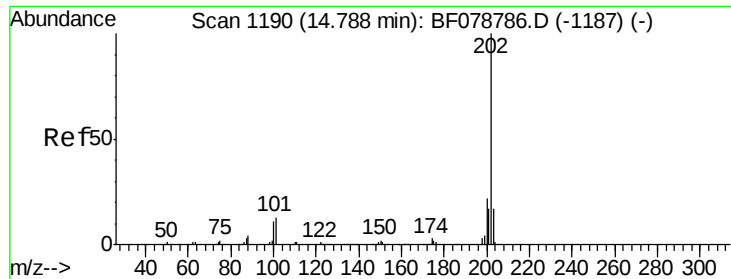


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pyrene

Concen: 3.28 ng

RT: 14.78 min Scan# 1189

Delta R.T. 0.00 min

Lab File: BF078837.D

Acq: 30 Apr 2015 4:41

Instrument :

BNA_F

ClientSampleId :

PS-25-0-2

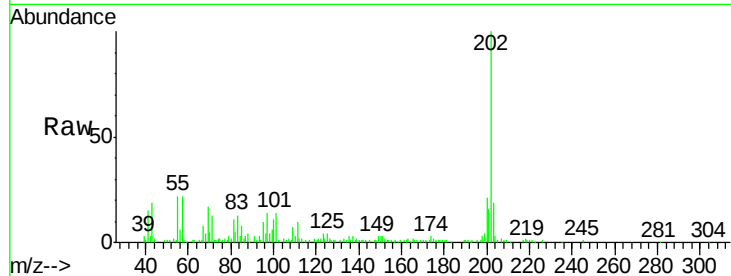
Tgt Ion:202 Resp: 66232

Ion Ratio Lower Upper

202 100

200 20.7 17.5 26.3

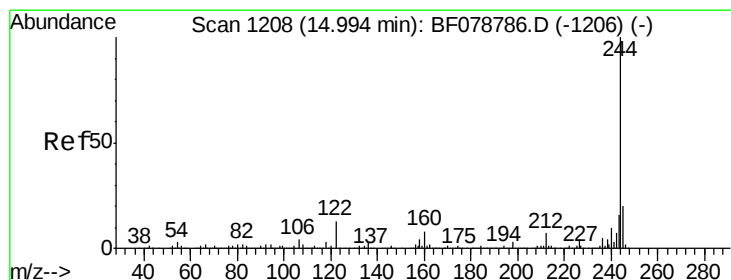
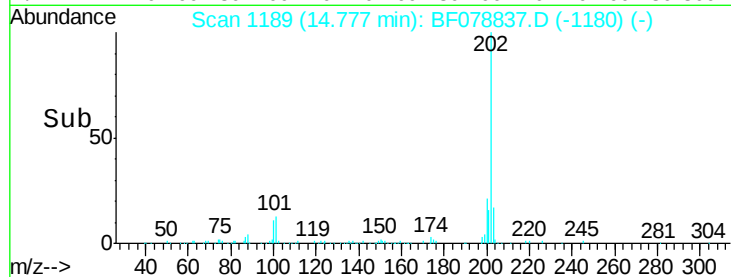
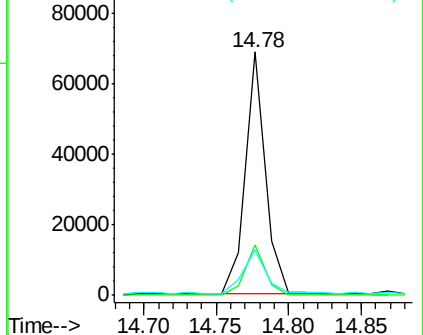
203 18.6 13.9 20.9



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: 55.16 ng

RT: 14.98 min Scan# 1207

Delta R.T. 0.00 min

Lab File: BF078837.D

Acq: 30 Apr 2015 4:41

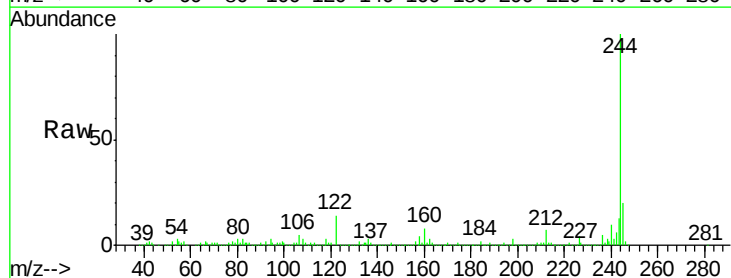
Tgt Ion:244 Resp: 799434

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

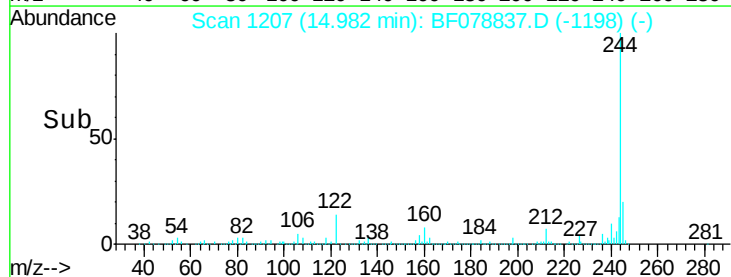
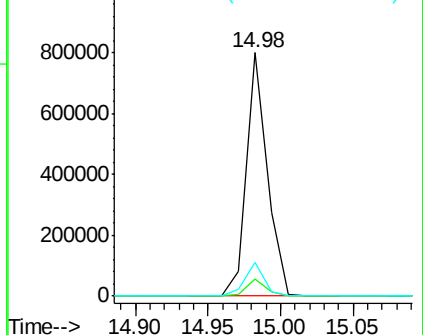
122 14.1 10.3 15.5

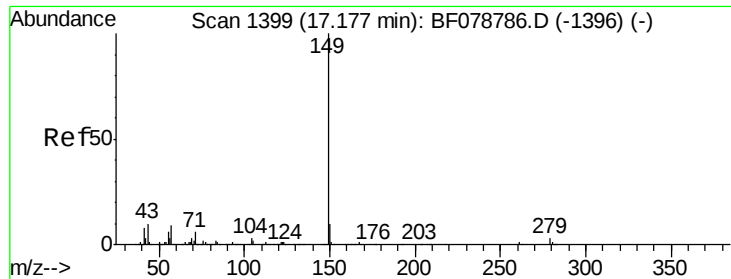


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

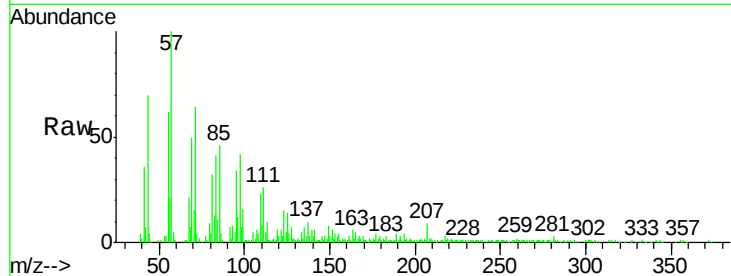




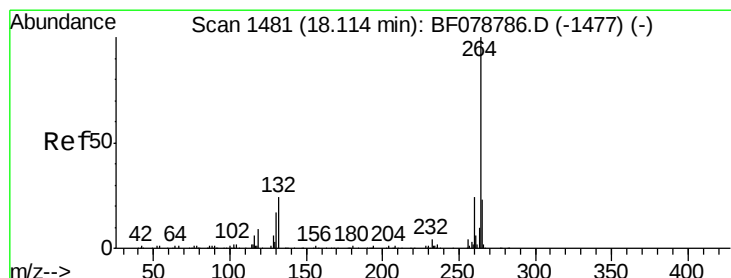
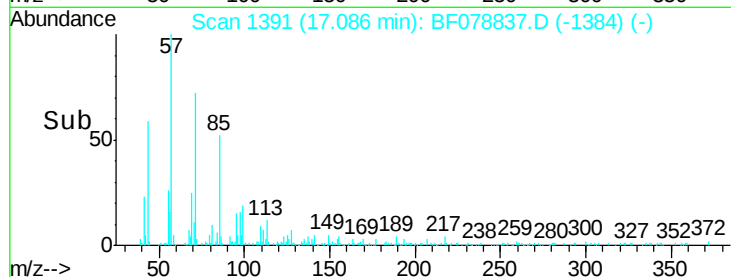
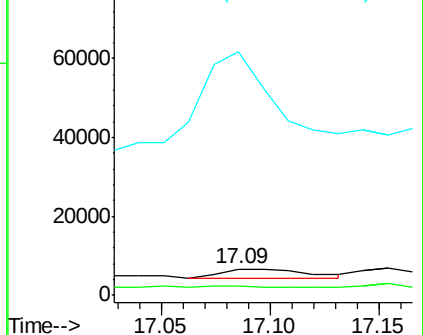
#84
Di-n-octyl phthalate
Concen: 7.22 ng
RT: 17.09 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF078837.D
Acq: 30 Apr 2015 4:41

Instrument :
BNA_F
ClientSampleId :
PS-25-0-2

Tgt Ion:149 Resp: 6454
Ion Ratio Lower Upper
149 100
167 21.8 0.0 0.0#
43 961.2 0.0 0.0#

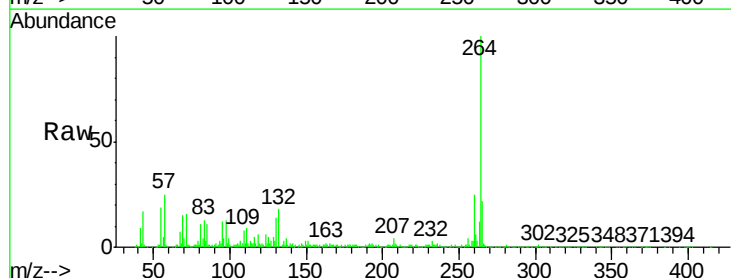


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF0

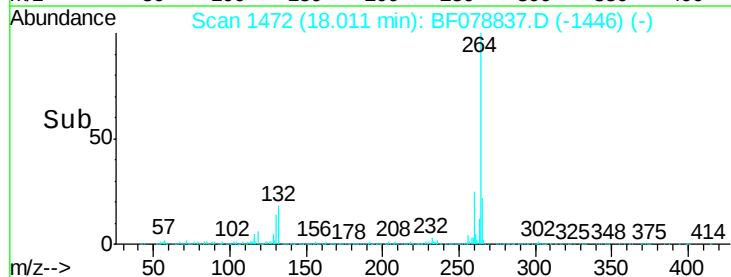
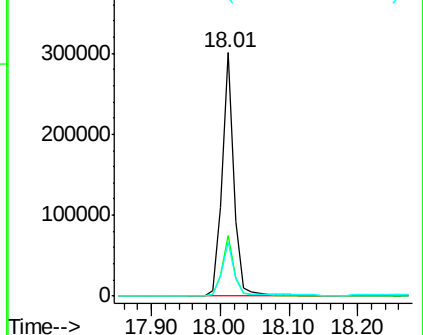


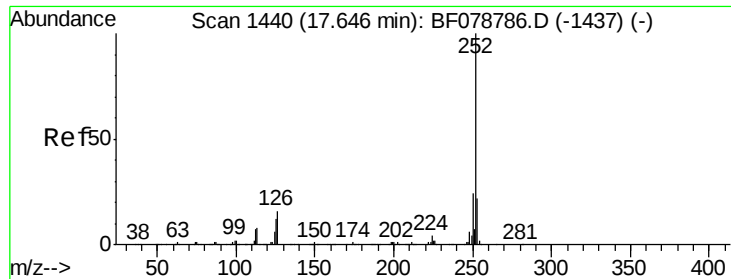
#86
Perylene-d12
Concen: 20.00 ng
RT: 18.01 min Scan# 1472
Delta R.T. 0.00 min
Lab File: BF078837.D
Acq: 30 Apr 2015 4:41

Tgt Ion:264 Resp: 368050
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 22.3 18.3 27.5



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: 2.71 ng

RT: 17.55 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BF078837.D

Acq: 30 Apr 2015 4:41

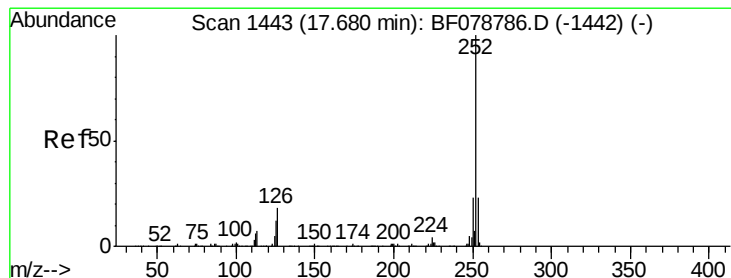
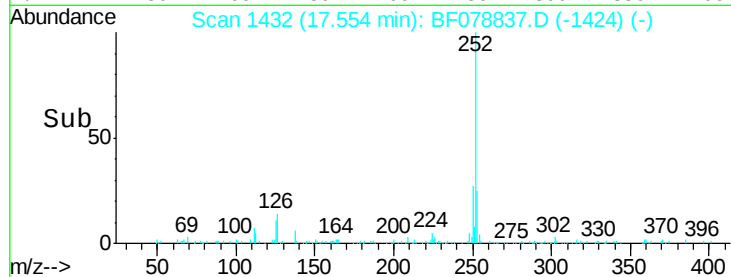
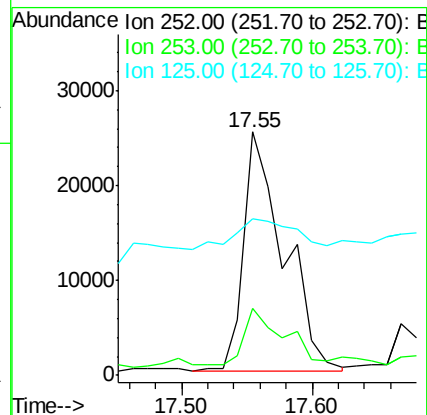
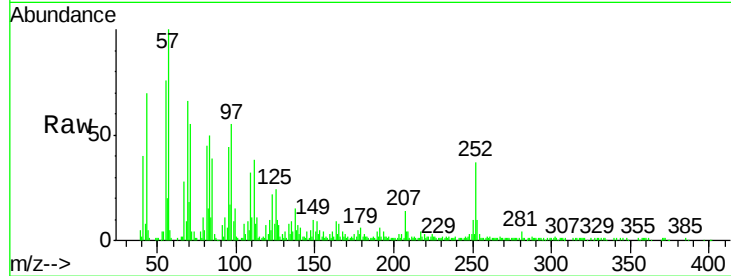
Instrument :

BNA_F

ClientSampleId :

PS-25-0-2

Tgt Ion:	252	Resp:	53994
Ion Ratio	Lower	Upper	
252	100		
253	27.5	17.7	26.5#
125	64.5	9.5	14.3#



#88

Benzo(k)fluoranthene

Concen: 2.80 ng

RT: 17.55 min Scan# 1432

Delta R.T. -0.03 min

Lab File: BF078837.D

Acq: 30 Apr 2015 4:41

Tgt Ion:	252	Resp:	53994
Ion Ratio	Lower	Upper	
252	100		
253	27.5	18.1	27.1#
125	64.5	10.0	15.0#

