

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042915\
 Data File : BF078841.D
 Acq On : 30 Apr 2015 6:36
 Operator : TP/IZ
 Sample : G2021-02
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PS-17-0-2

Quant Time: Apr 30 07:28:42 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

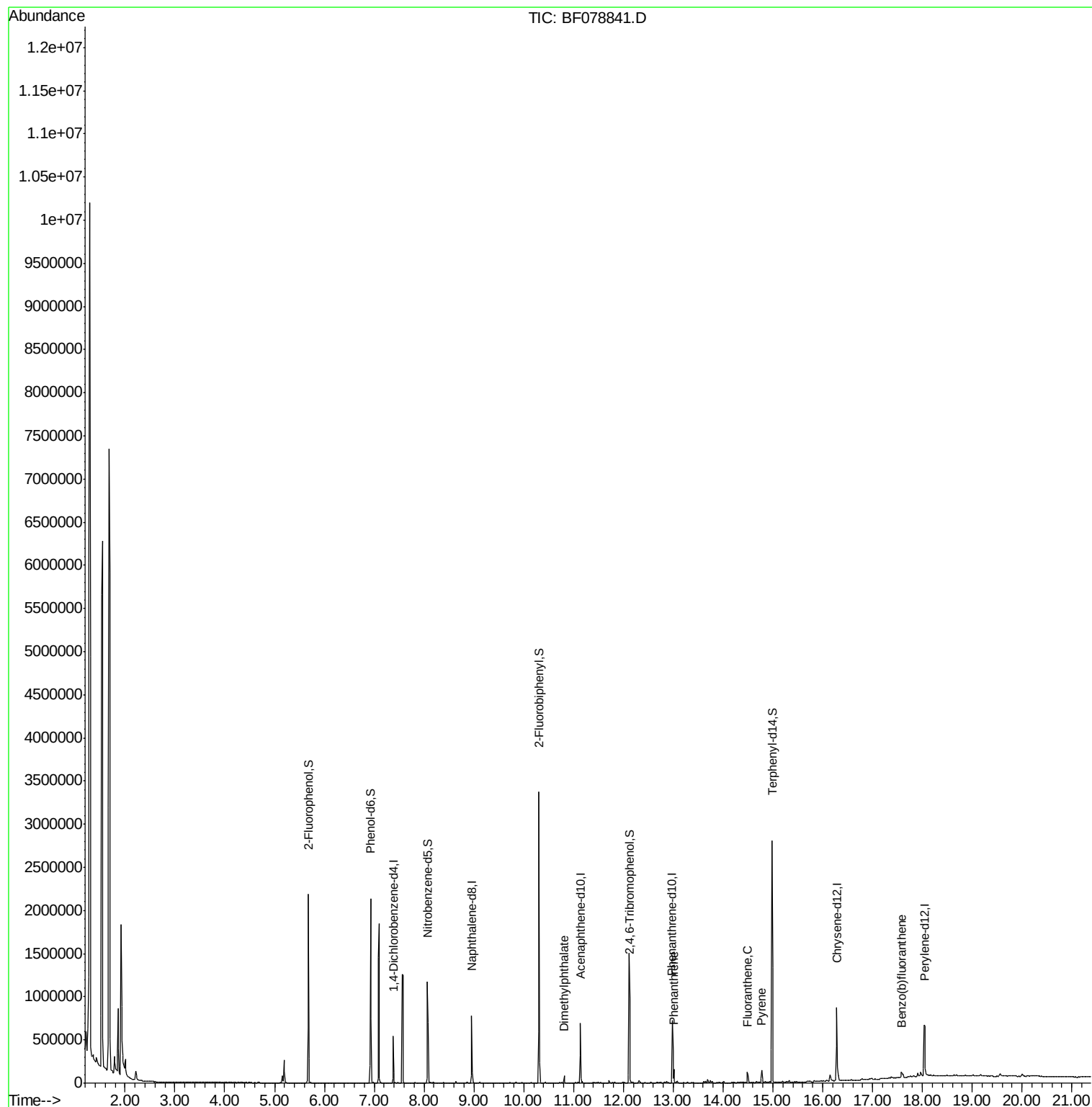
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	77227	20.00	ng	0.00
21) Naphthalene-d8	8.96	136	324624	20.00	ng	0.00
38) Acenaphthene-d10	11.14	164	153806	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	308229	20.00	ng	0.00
75) Chrysene-d12	16.29	240	326517	20.00	ng	0.00
86) Perylene-d12	18.05	264	348414	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	617115	146.77	ng	0.01
7) Phenol-d6	6.92	99	779960	138.89	ng	0.00
23) Nitrobenzene-d5	8.07	82	447487	99.25	ng	0.00
41) 2,4,6-Tribromophenol	12.12	330	235082	152.77	ng	0.00
44) 2-Fluorobiphenyl	10.31	172	980232	87.28	ng	0.00
78) Terphenyl-d14	14.98	244	1077744	78.61	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.81	163	33129	3.03	ng	99
70) Phenanthrene	13.02	178	61265	3.67	ng	98
74) Fluoranthene	14.49	202	70790	4.25	ng	97
77) Pyrene	14.78	202	61439	3.22	ng	97
87) Benzo(b)fluoranthene	17.58	252	40064m	2.12	ng	

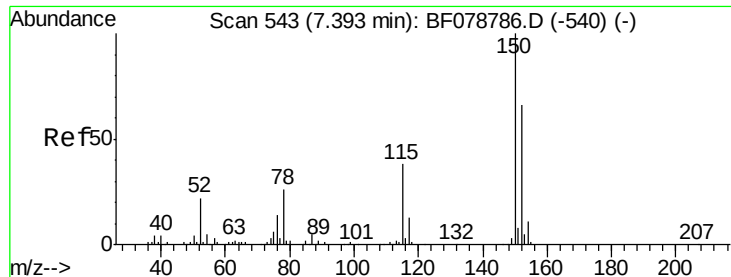
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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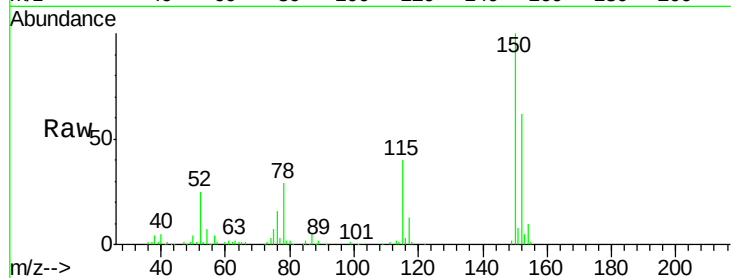


#1

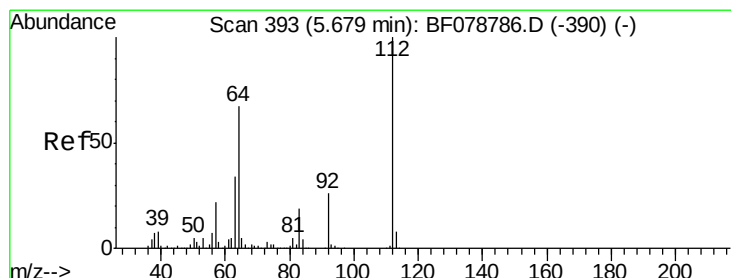
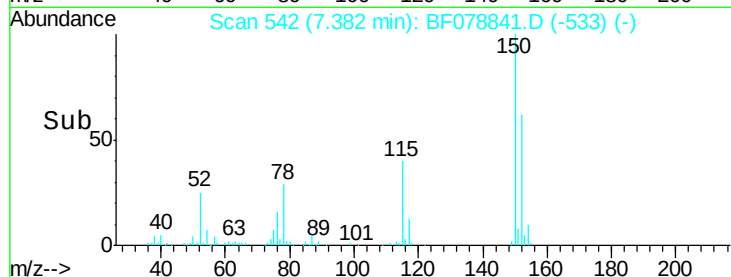
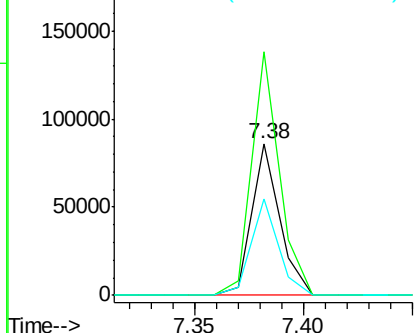
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.38 min Scan# 542
Delta R.T. -0.00 min
Lab File: BF078841.D
Acq: 30 Apr 2015 6:36

Instrument :
BNA_F
ClientSampleId :
PS-17-0-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.2	122.0	183.0
115	63.4	46.3	69.5



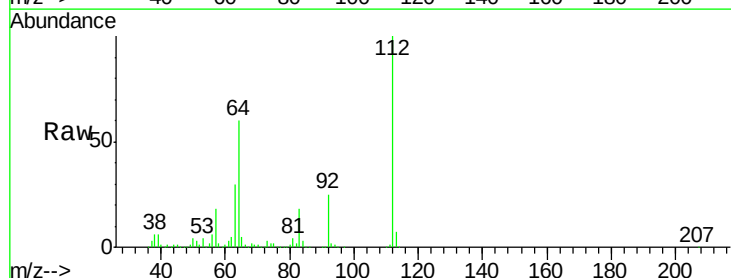
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



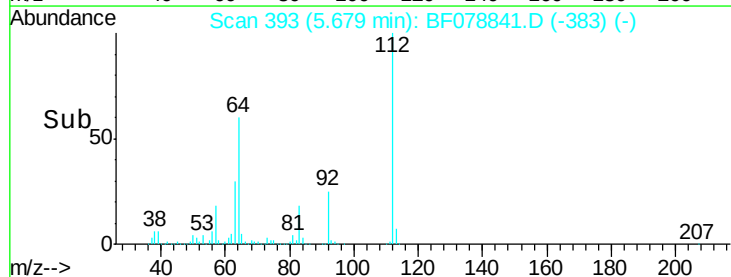
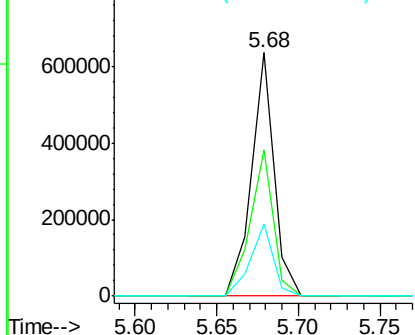
#5

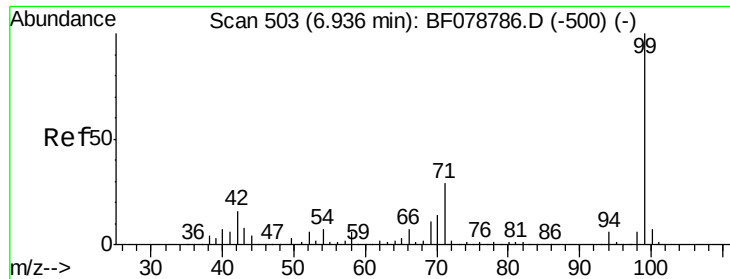
2-Fluorophenol
Concen: 146.77 ng
RT: 5.68 min Scan# 393
Delta R.T. 0.01 min
Lab File: BF078841.D
Acq: 30 Apr 2015 6:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.1	53.5	80.3
63	29.7	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: 138.89 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.00 min

Lab File: BF078841.D

Acq: 30 Apr 2015 6:36

Instrument :

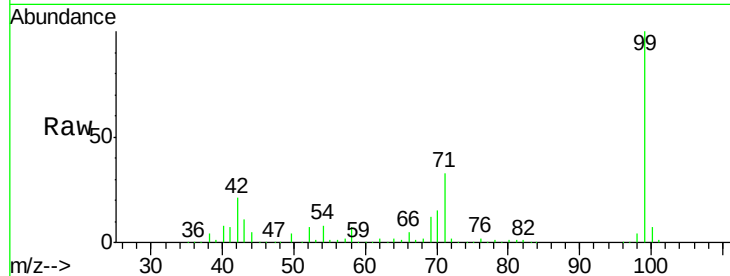
BNA_F

ClientSampleId :

PS-17-0-2

Tot Ion: 99 Resp: 779960

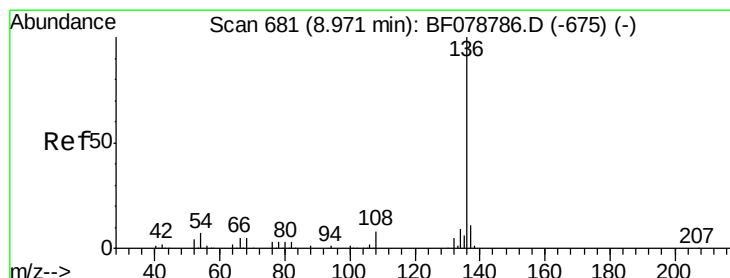
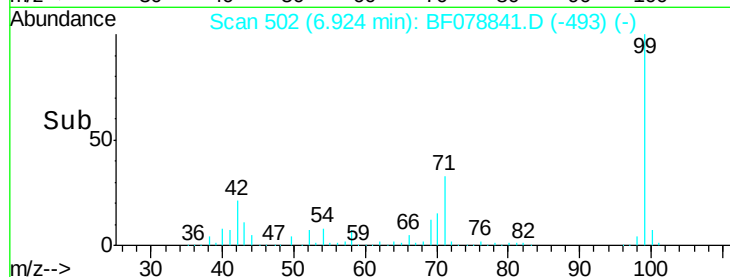
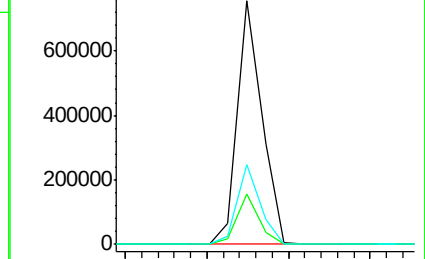
Ion	Ratio	Lower	Upper
99	100		
42	20.8	12.8	19.2#
71	32.9	23.4	35.2



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.96 min Scan# 680

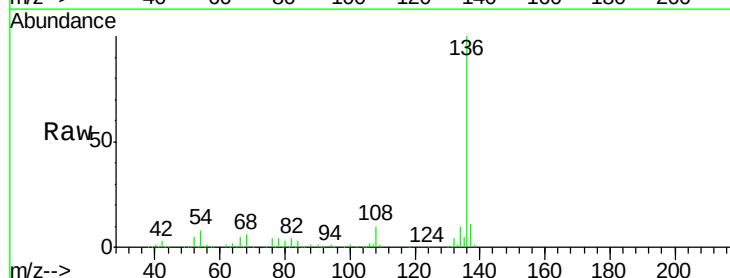
Delta R.T. -0.00 min

Lab File: BF078841.D

Acq: 30 Apr 2015 6:36

Tgt Ion: 136 Resp: 324624

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.4	5.8	8.8
68	6.4	4.2	6.4#

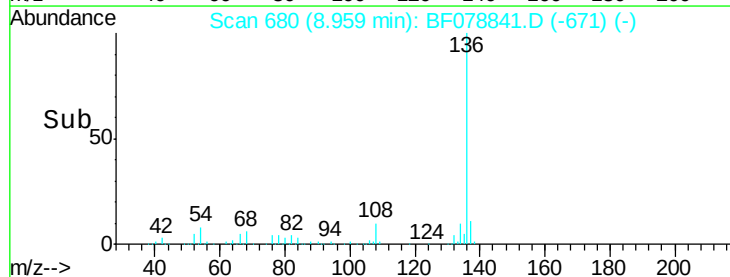
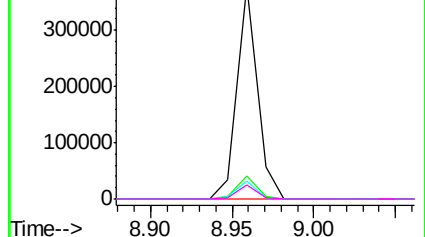


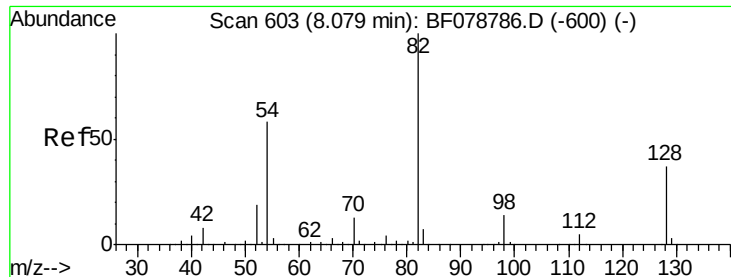
Abundance Ion 136.00 (135.70 to 136.70): E

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

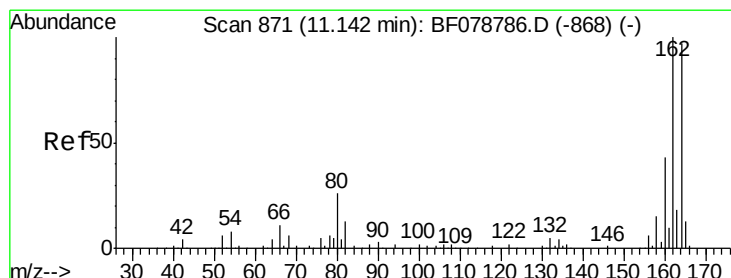
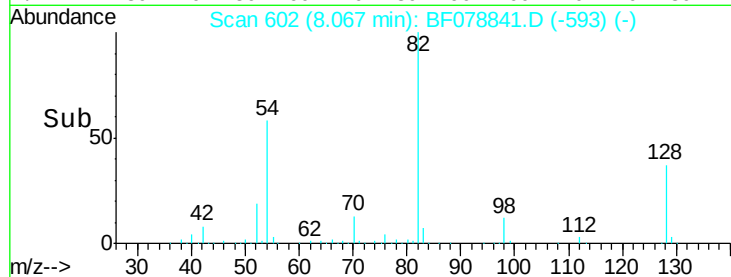
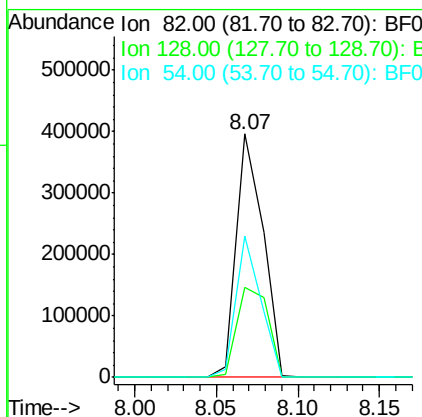
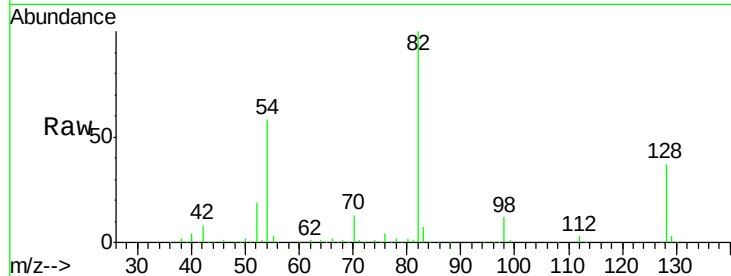




#23
 Nitrobenzene-d5
 Concen: 99.25 ng
 RT: 8.07 min Scan# 602
 Delta R.T. -0.00 min
 Lab File: BF078841.D
 Acq: 30 Apr 2015 6:36

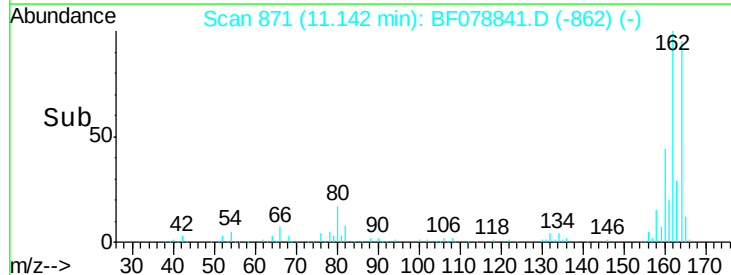
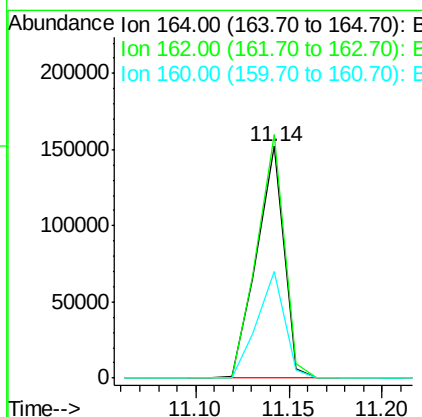
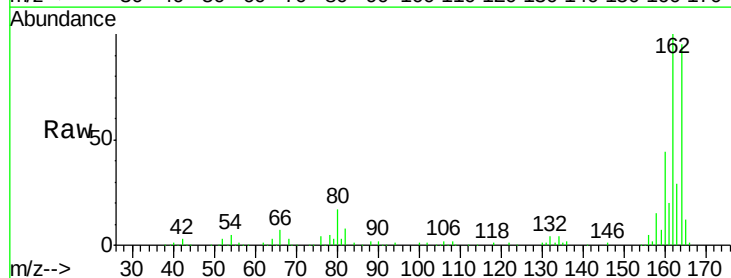
Instrument :
 BNA_F
 ClientSampleId :
 PS-17-0-2

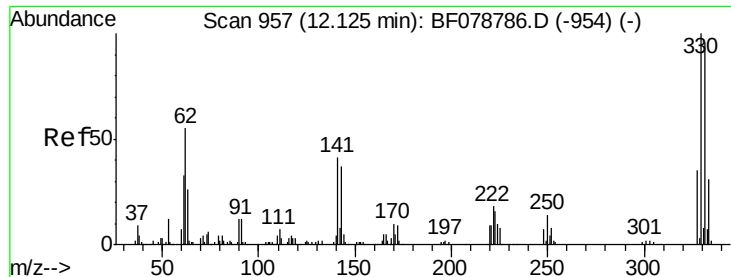
Tot Ion	82	Resp	447487
Ion Ratio	Lower	Upper	
82	100		
128	36.9	30.0	45.0
54	58.1	46.4	69.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.14 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: BF078841.D
 Acq: 30 Apr 2015 6:36

Tgt Ion	164	Resp	153806
Ion Ratio	Lower	Upper	
164	100		
162	105.0	82.7	124.1
160	46.0	35.8	53.8

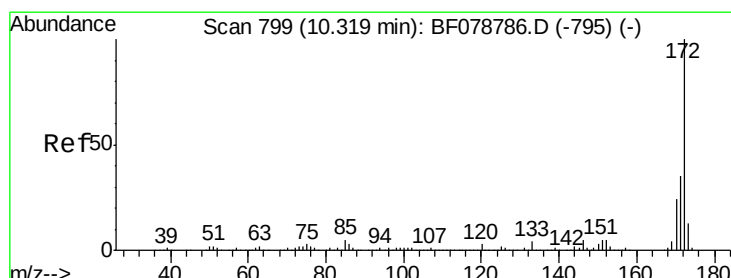
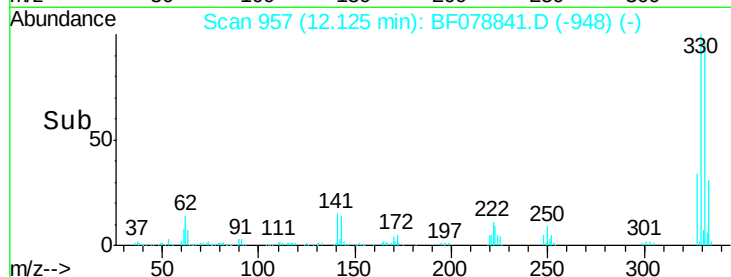
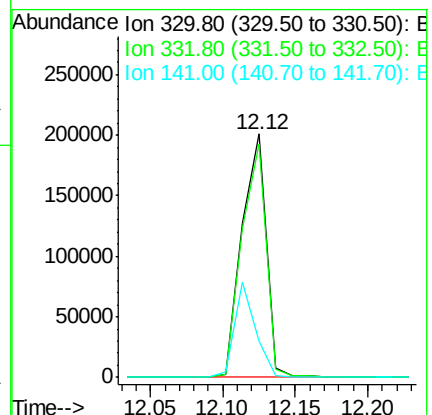
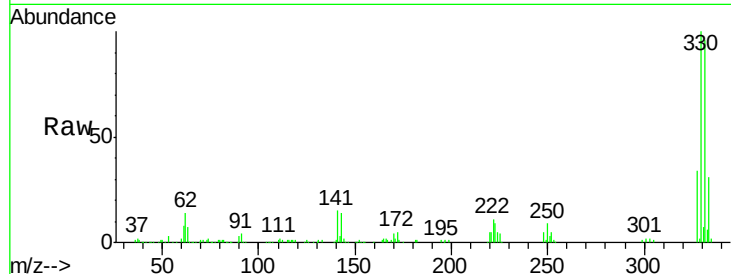




#41
 2,4,6-Tribromophenol
 Concen: 152.77 ng
 RT: 12.12 min Scan# 957
 Delta R.T. -0.00 min
 Lab File: BF078841.D
 Acq: 30 Apr 2015 6:36

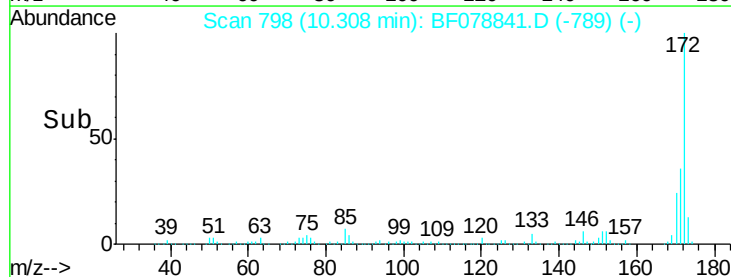
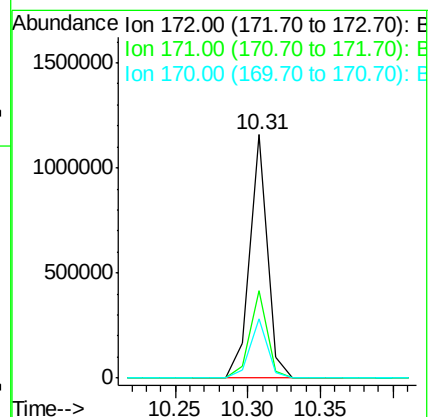
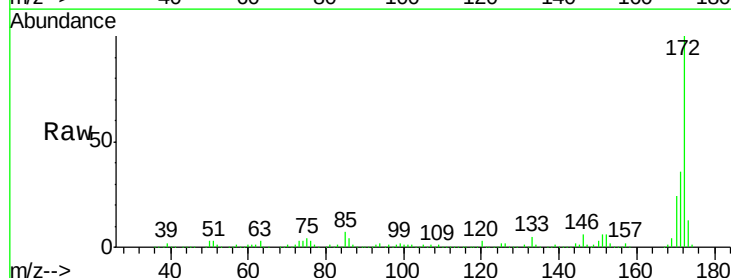
Instrument :
 BNA_F
 ClientSampleId :
 PS-17-0-2

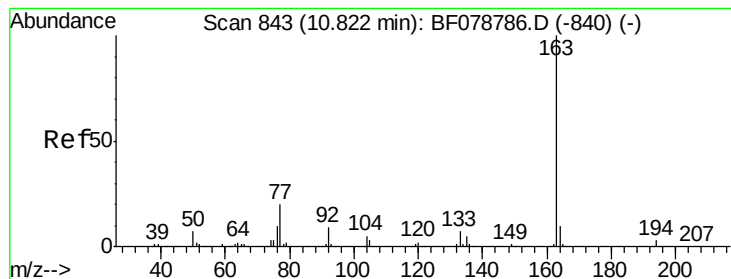
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	0.0	0.0#
141	34.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 87.28 ng
 RT: 10.31 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF078841.D
 Acq: 30 Apr 2015 6:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.9	41.9
170	24.4	19.4	29.0





#49

Dimethylphthalate

Concen: 3.03 ng

RT: 10.81 min Scan# 842

Delta R.T. -0.00 min

Lab File: BF078841.D

Acq: 30 Apr 2015 6:36

Instrument :

BNA_F

ClientSampleId :

PS-17-0-2

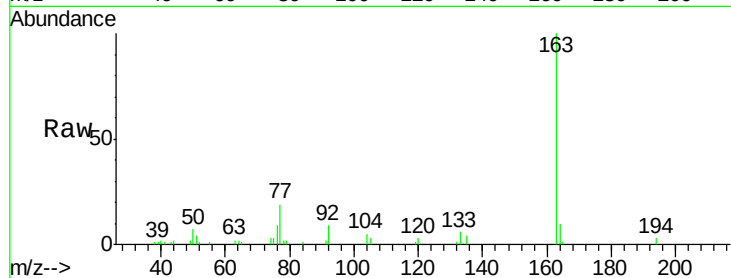
Tot Ion:163 Resp: 33129

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

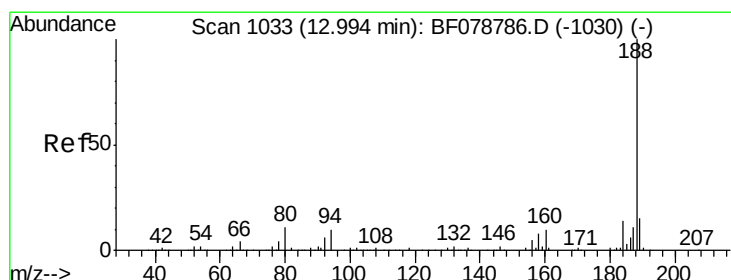
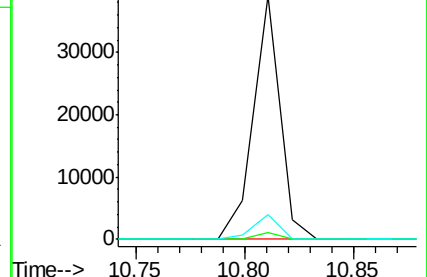
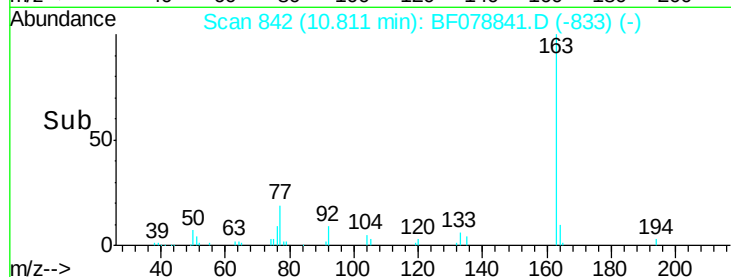
164 10.4 8.1 12.1



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: 12.98 min Scan# 1032

Delta R.T. -0.00 min

Lab File: BF078841.D

Acq: 30 Apr 2015 6:36

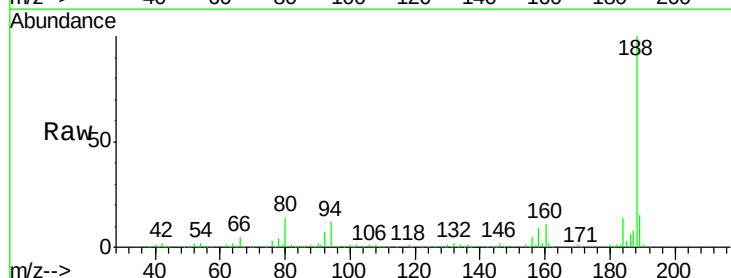
Tgt Ion:188 Resp: 308229

Ion Ratio Lower Upper

188 100

94 12.2 8.2 12.2#

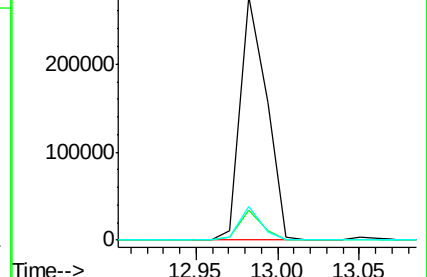
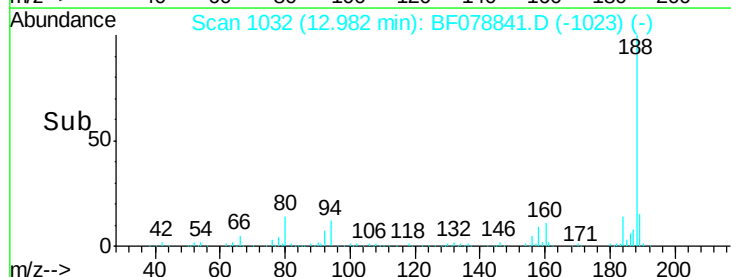
80 13.8 8.9 13.3#

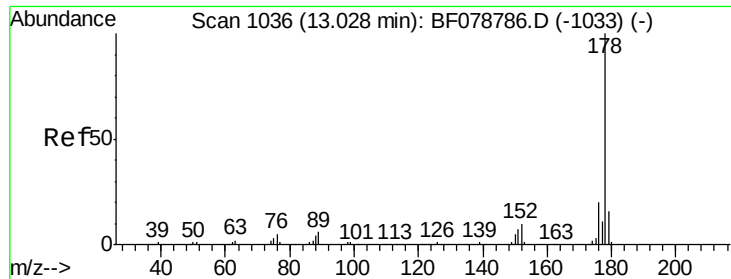


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 3.67 ng

RT: 13.02 min Scan# 1035

Delta R.T. -0.00 min

Lab File: BF078841.D

Acq: 30 Apr 2015 6:36

Instrument :

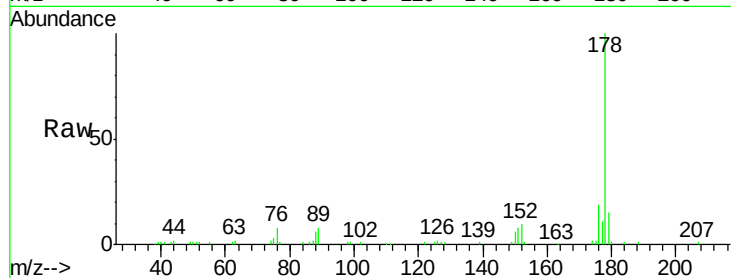
BNA_F

ClientSampleId :

PS-17-0-2

Tot Ion:178 Resp: 61265

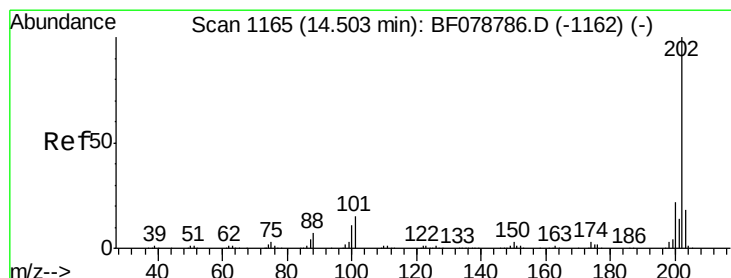
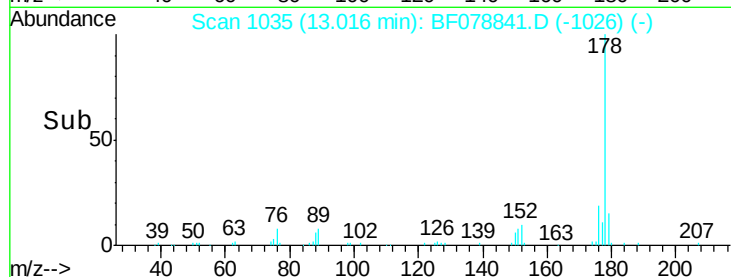
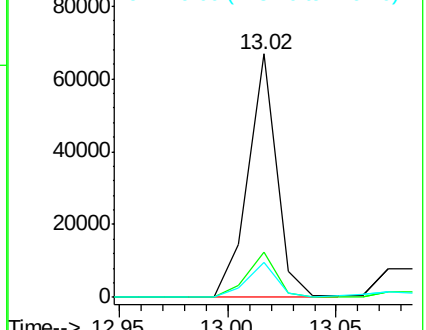
Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.8	23.8
179	14.6	12.5	18.7



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: 4.25 ng

RT: 14.49 min Scan# 1164

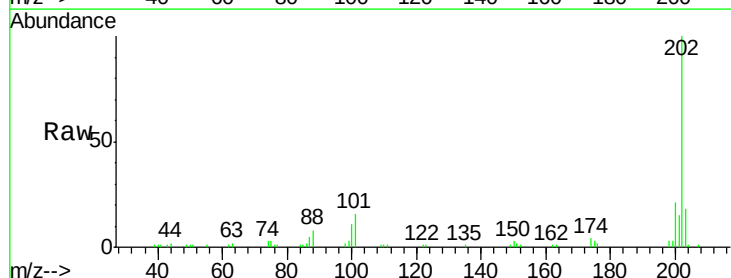
Delta R.T. -0.00 min

Lab File: BF078841.D

Acq: 30 Apr 2015 6:36

Tgt Ion:202 Resp: 70790

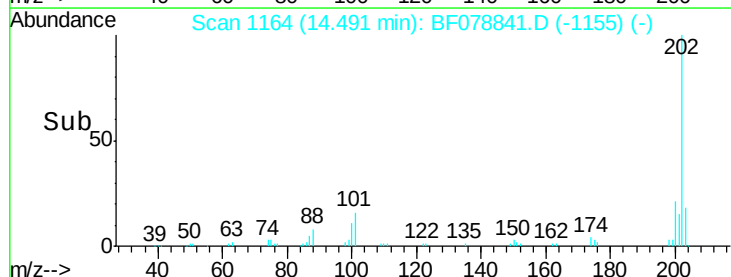
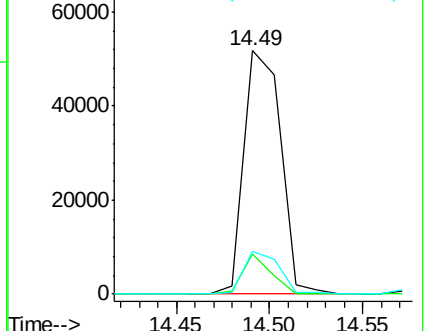
Ion	Ratio	Lower	Upper
202	100		
101	16.2	0.0	34.6
203	17.5	0.0	38.4

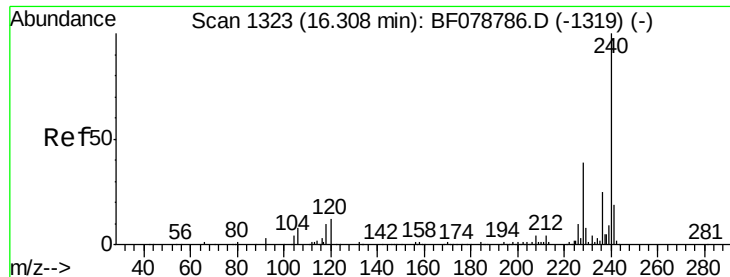


Abundance Ion 202.00 (201.70 to 202.70): E

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: BF078841.D

Acq: 30 Apr 2015 6:36

Instrument :

BNA_F

ClientSampleId :

PS-17-0-2

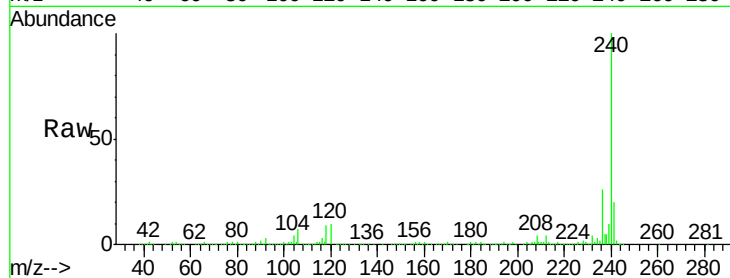
Tot Ion:240 Resp: 326517

Ion Ratio Lower Upper

240 100

120 10.4 9.7 14.5

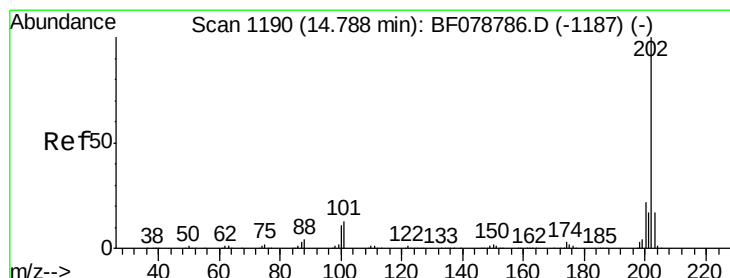
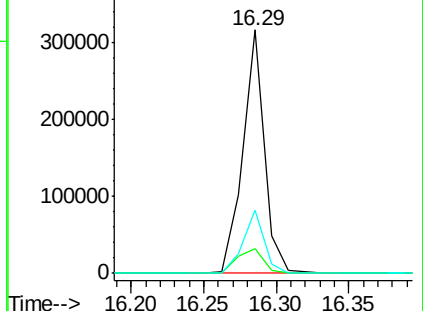
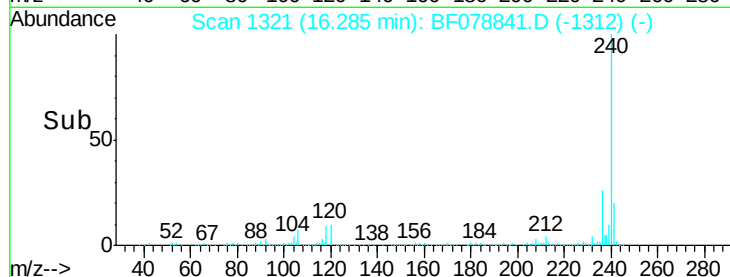
236 26.1 20.2 30.4



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: 3.22 ng

RT: 14.78 min Scan# 1189

Delta R.T. -0.00 min

Lab File: BF078841.D

Acq: 30 Apr 2015 6:36

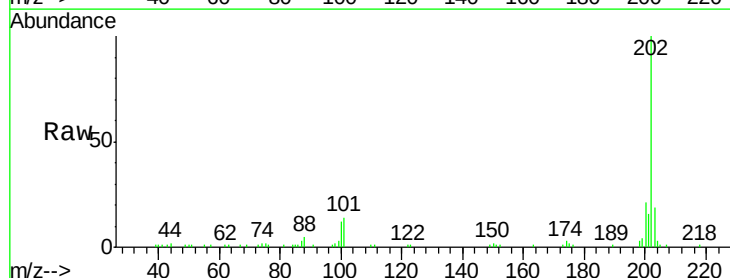
Tgt Ion:202 Resp: 61439

Ion Ratio Lower Upper

202 100

200 20.6 17.5 26.3

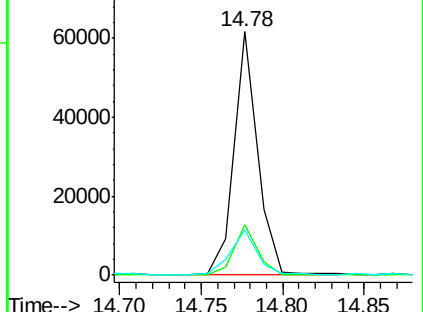
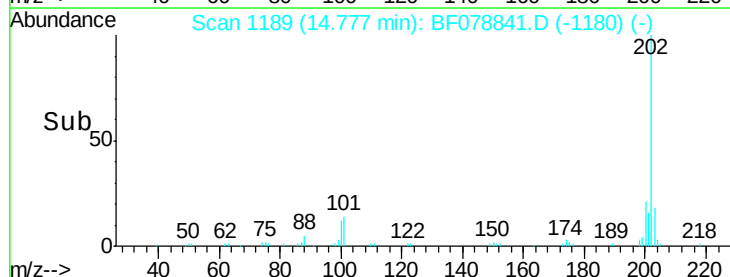
203 18.6 13.9 20.9

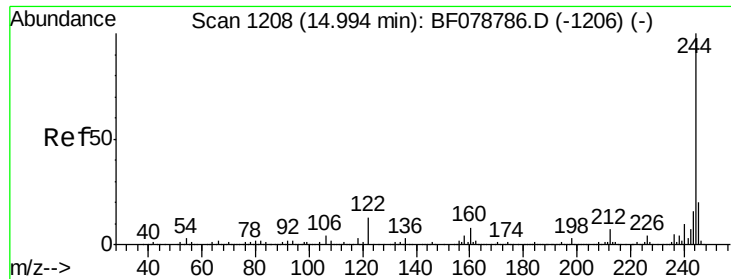


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

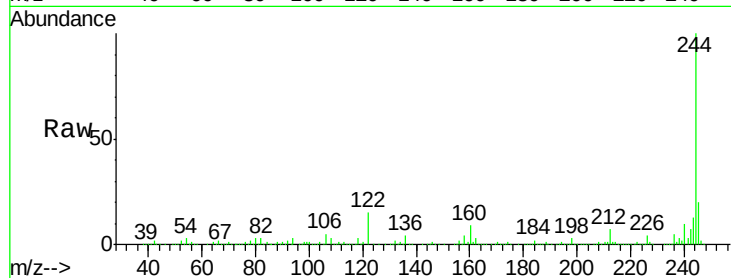




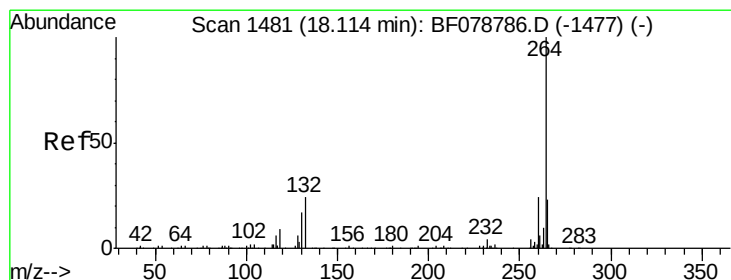
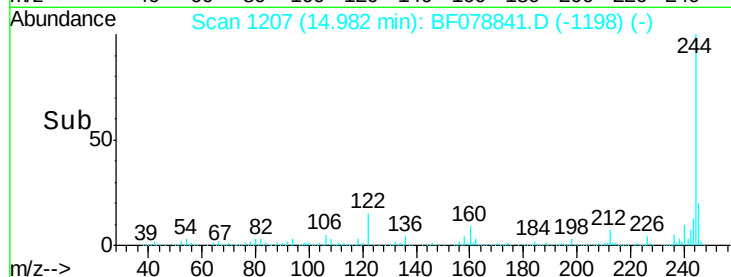
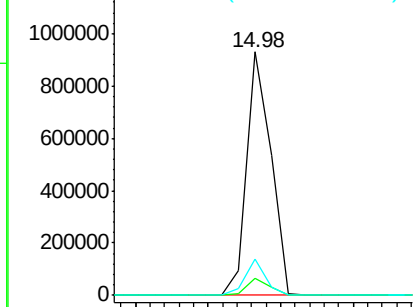
#78
 Terphenyl-d14
 Concen: 78.61 ng
 RT: 14.98 min Scan# 1207
 Delta R.T. -0.00 min
 Lab File: BF078841.D
 Acq: 30 Apr 2015 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PS-17-0-2

Tot Ion:244 Resp: 1077744
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 14.7 10.3 15.5

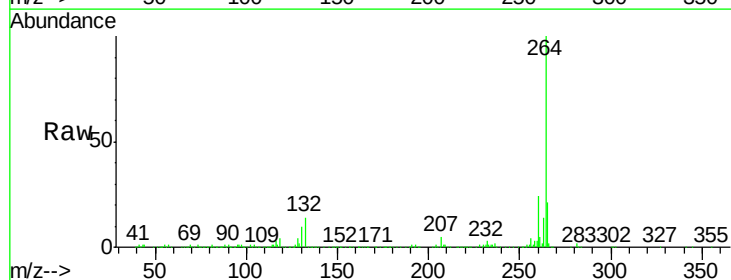


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

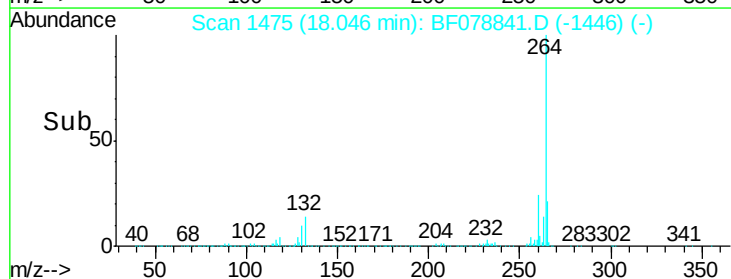
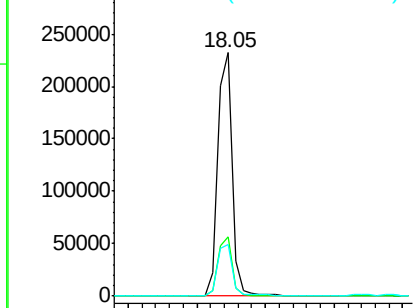


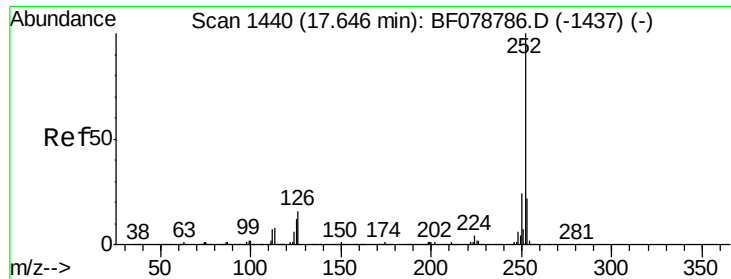
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 18.05 min Scan# 1475
 Delta R.T. 0.03 min
 Lab File: BF078841.D
 Acq: 30 Apr 2015 6:36

Tgt Ion:264 Resp: 348414
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 21.4 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: 2.12 ng m
 RT: 17.58 min Scan# 1434
 Delta R.T. 0.01 min
 Lab File: BF078841.D
 Acq: 30 Apr 2015 6:36

Instrument :
 BNA_F
 ClientSampleId :
 PS-17-0-2

Tot Ion: 252 Resp: 40064
 Ion Ratio Lower Upper
 252 100
 253 24.5 17.7 26.5
 125 14.2 9.5 14.3

