

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071415\
 Data File : BF080477.D
 Acq On : 15 Jul 2015 6:26
 Operator : TP/UM
 Sample : PB84447BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BL

Quant Time: Jul 15 07:47:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 15 03:58:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.13	152	20824	20.00	ng	0.00
21) Naphthalene-d8	8.41	136	85353	20.00	ng	0.00
38) Acenaphthene-d10	10.17	164	41885	20.00	ng	-0.01
63) Phenanthrene-d10	11.67	188	88391	20.00	ng	0.00
75) Chrysene-d12	14.45	240	90400	20.00	ng	-0.02
86) Perylene-d12	16.15	264	100198	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.76	112	145019	113.82	ng	0.00
7) Phenol-d6	6.76	99	185053	118.69	ng	-0.01
23) Nitrobenzene-d5	7.69	82	113477	72.78	ng	0.00
41) 2,4,6-Tribromophenol	10.97	330	37860	95.63	ng	0.00
44) 2-Fluorobiphenyl	9.48	172	229585	75.10	ng	0.00
78) Terphenyl-d14	13.28	244	262771	70.06	ng	0.00

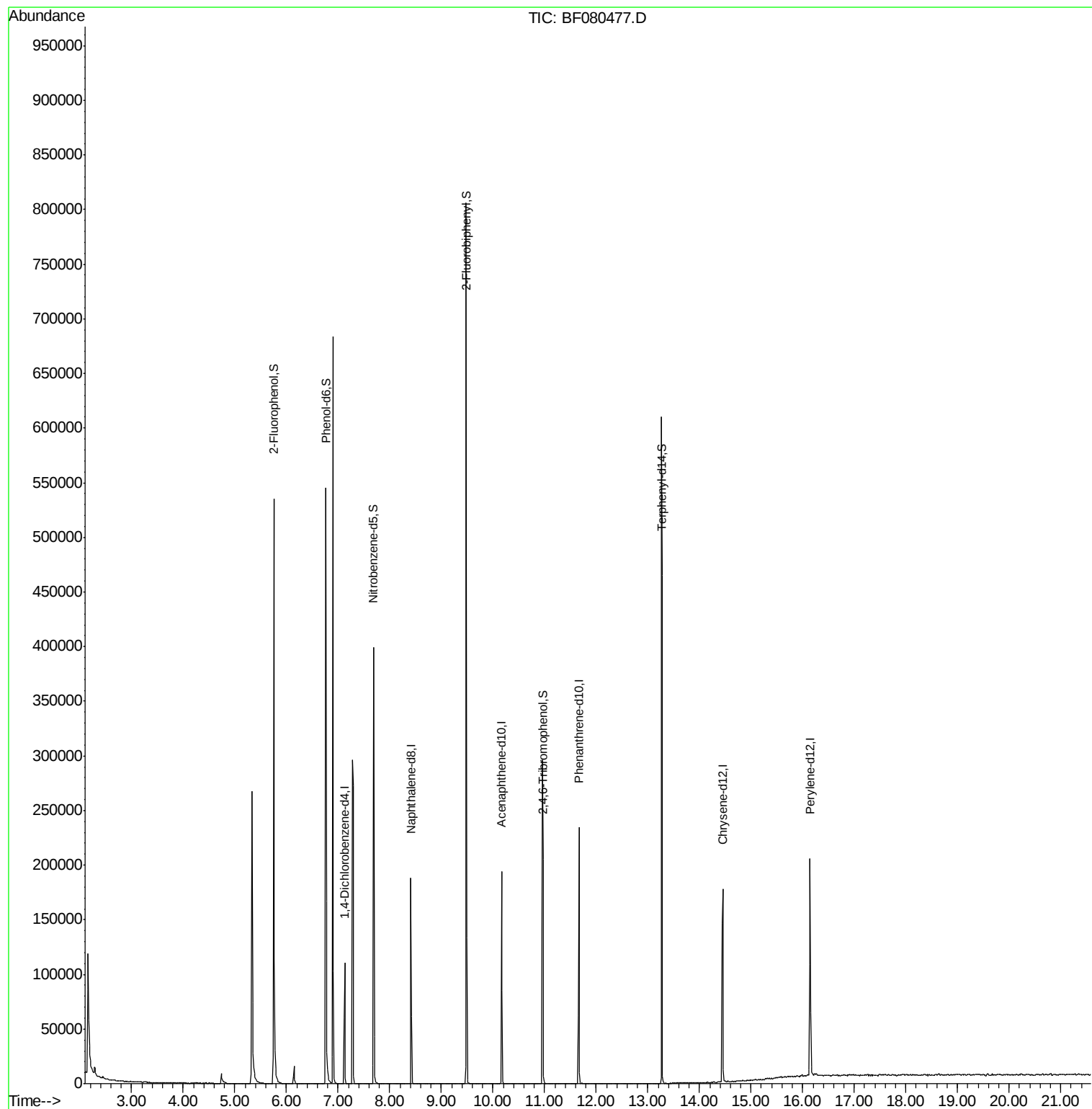
Target Compounds	Qvalue
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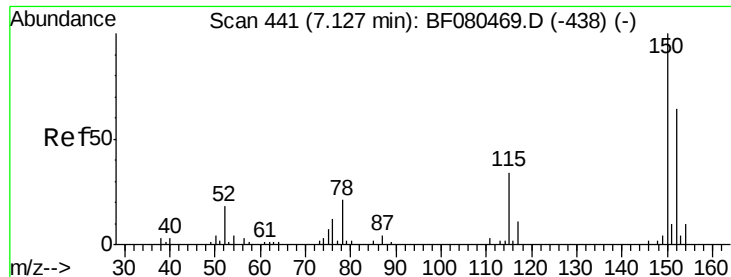
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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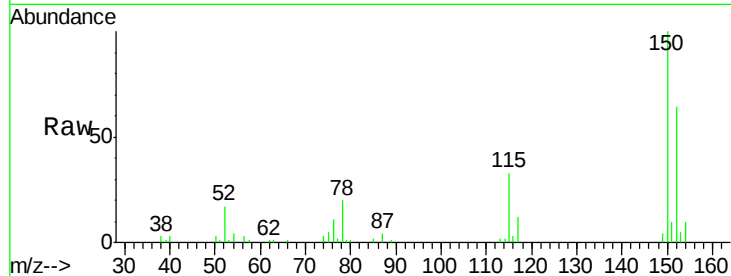


#1

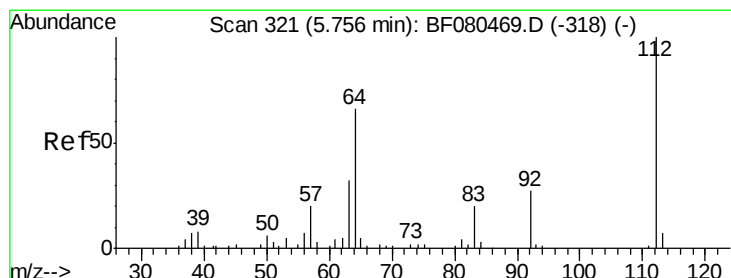
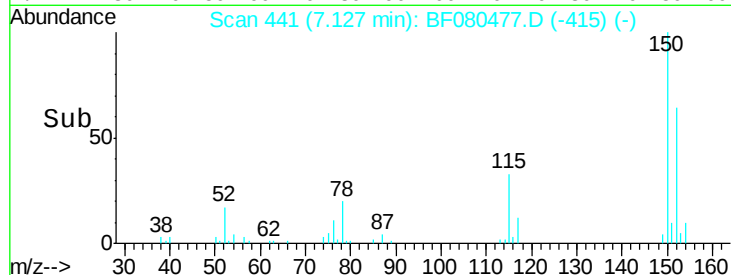
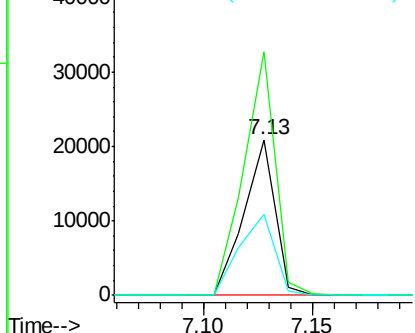
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.13 min Scan# 441
Delta R.T. 0.00 min
Lab File: BF080477.D
Acq: 15 Jul 2015 6:26

Instrument :
BNA_F
ClientSampled :
PB84447BL

Tgt Ion:152 Resp: 20824
Ion Ratio Lower Upper
152 100
150 156.3 125.5 188.3
115 51.8 42.9 64.3



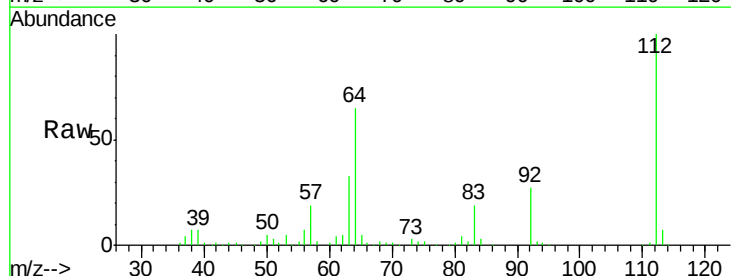
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



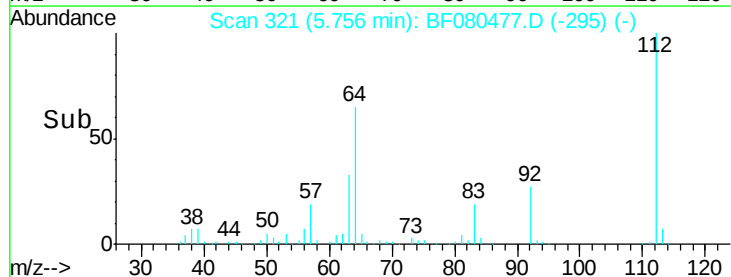
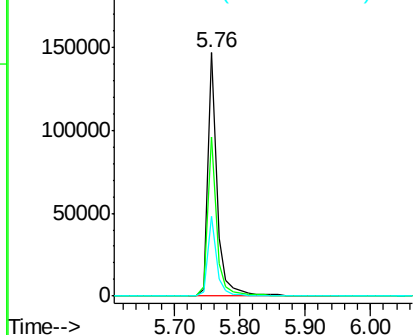
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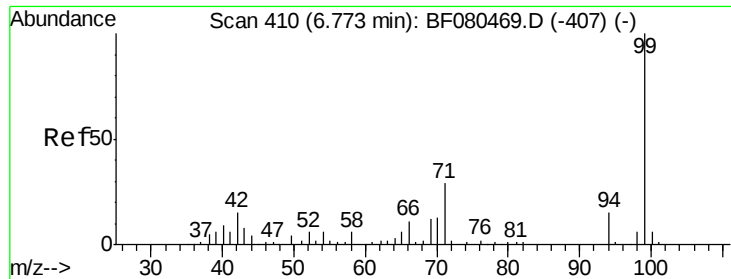
2-Fluorophenol
Concen: 113.82 ng
RT: 5.76 min Scan# 321
Delta R.T. 0.00 min
Lab File: BF080477.D
Acq: 15 Jul 2015 6:26

Tgt Ion:112 Resp: 145019
Ion Ratio Lower Upper
112 100
64 65.4 52.6 79.0
63 32.7 25.9 38.9



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: 118.69 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.01 min

Lab File: BF080477.D

Acq: 15 Jul 2015 6:26

Instrument :

BNA_F

ClientSampleId :

PB84447BL

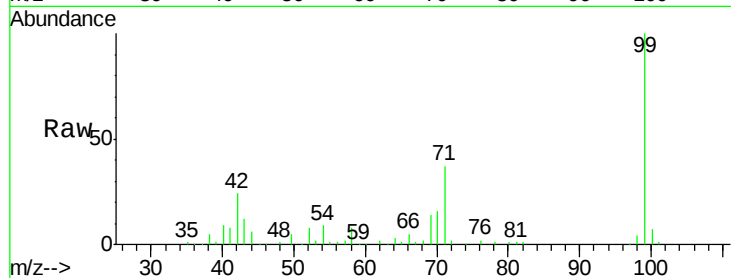
Tgt Ion: 99 Resp: 185053

Ion Ratio Lower Upper

99 100

42 23.9 12.4 18.6#

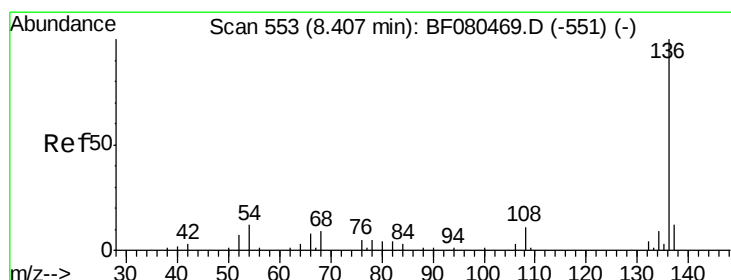
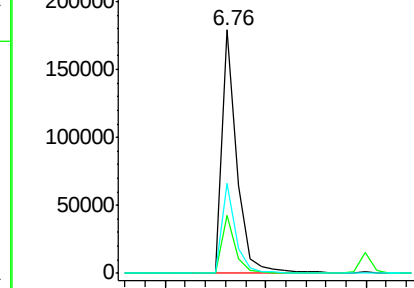
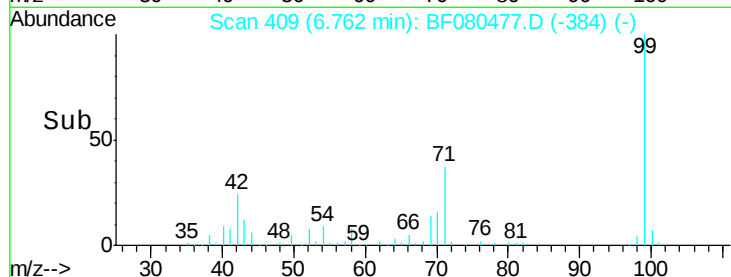
71 37.0 22.9 34.3#



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: 8.41 min Scan# 553

Delta R.T. 0.00 min

Lab File: BF080477.D

Acq: 15 Jul 2015 6:26

Tgt Ion: 136 Resp: 85353

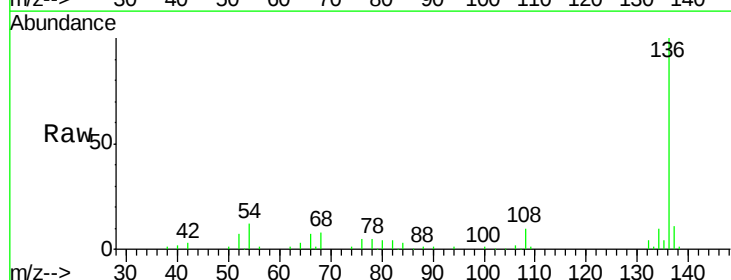
Ion Ratio Lower Upper

136 100

137 11.0 9.5 14.3

54 12.4 9.8 14.8

68 8.2 7.0 10.4

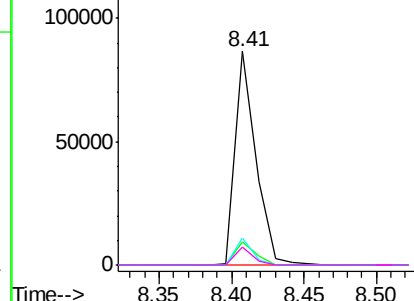
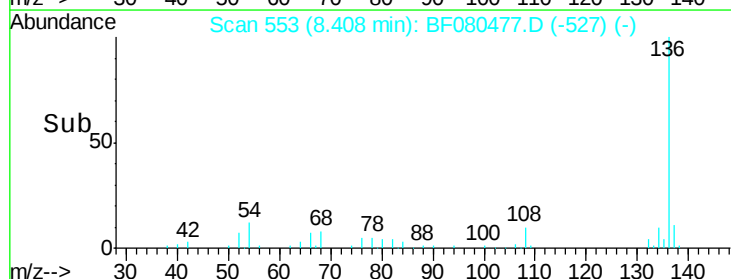


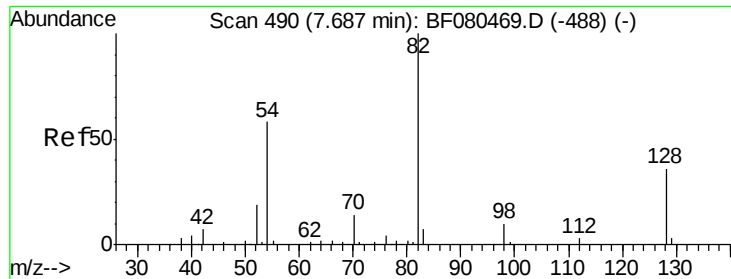
Abundance Ion 136.00 (135.70 to 136.70): E

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

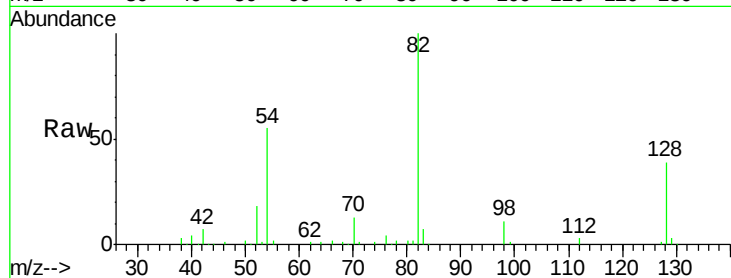




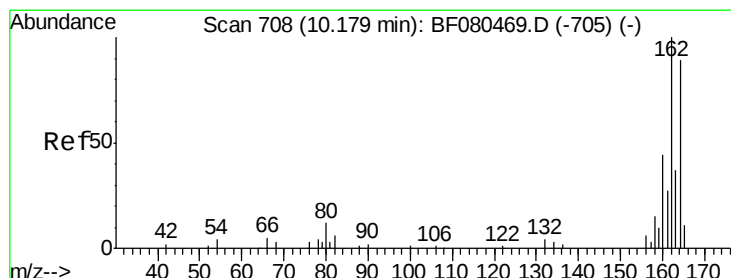
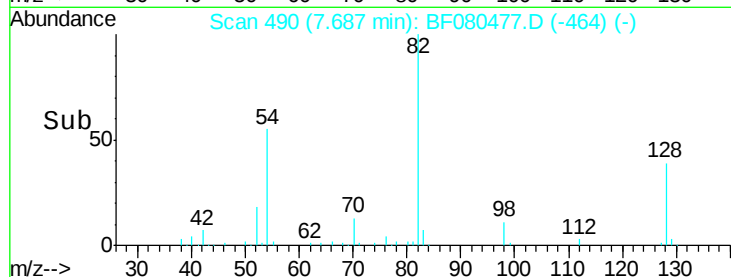
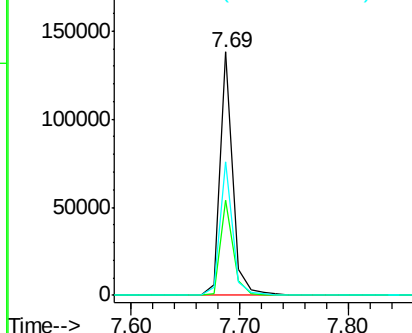
#23
 Nitrobenzene-d5
 Concen: 72.78 ng
 RT: 7.69 min Scan# 490
 Delta R.T. 0.00 min
 Lab File: BF080477.D
 Acq: 15 Jul 2015 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BL

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.9	29.0	43.4
54	54.9	46.4	69.6

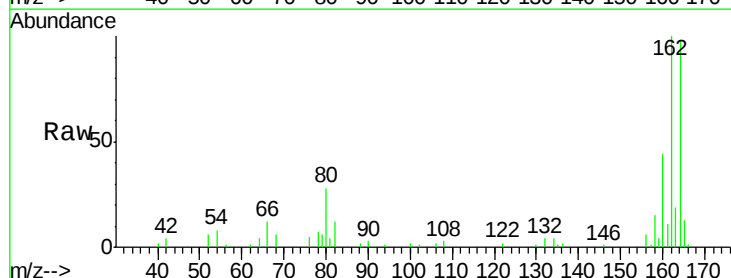


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

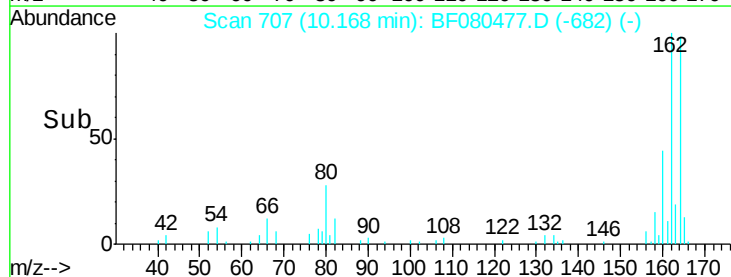
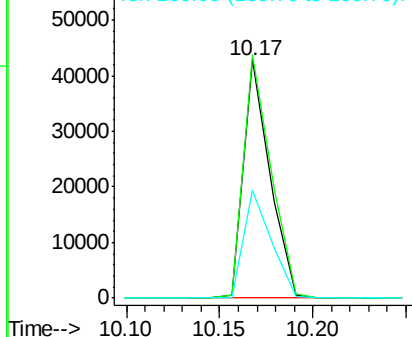


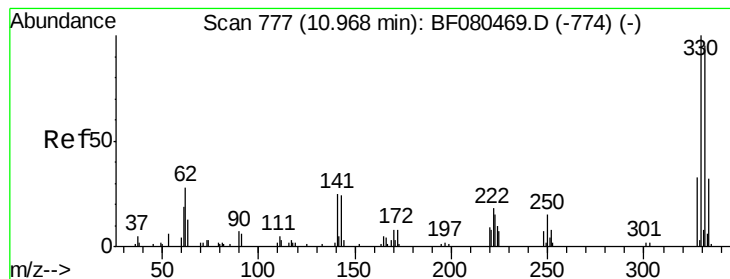
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.17 min Scan# 707
 Delta R.T. -0.01 min
 Lab File: BF080477.D
 Acq: 15 Jul 2015 6:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.2	89.8	134.8
160	45.3	39.5	59.3



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: 95.63 ng

RT: 10.97 min Scan# 777

Delta R.T. 0.00 min

Lab File: BF080477.D

Acq: 15 Jul 2015 6:26

Instrument :

BNA_F

ClientSampleId :

PB84447BL

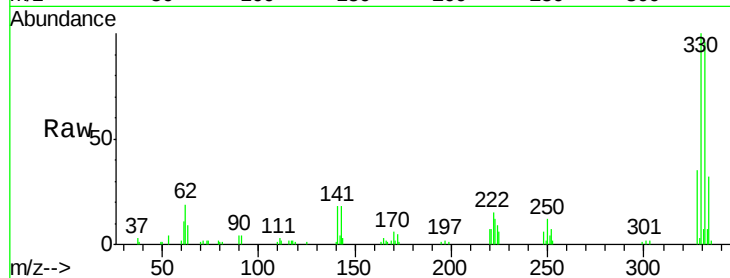
Tgt Ion:330 Resp: 37860

Ion Ratio Lower Upper

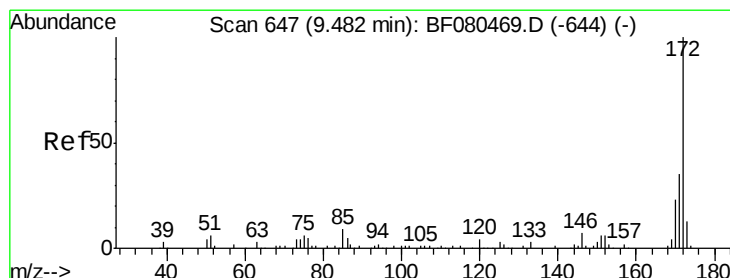
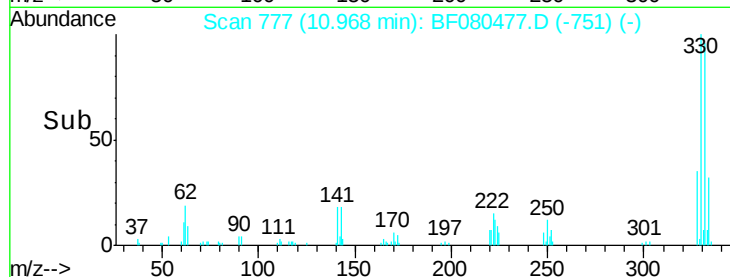
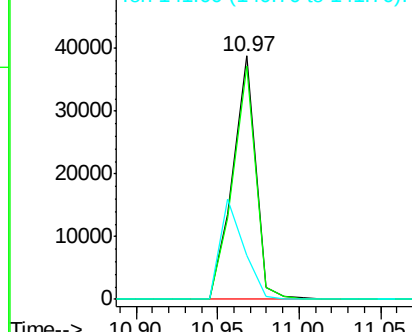
330 100

332 95.1 76.2 114.4

141 42.5 29.8 44.6



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: 75.10 ng

RT: 9.48 min Scan# 647

Delta R.T. 0.00 min

Lab File: BF080477.D

Acq: 15 Jul 2015 6:26

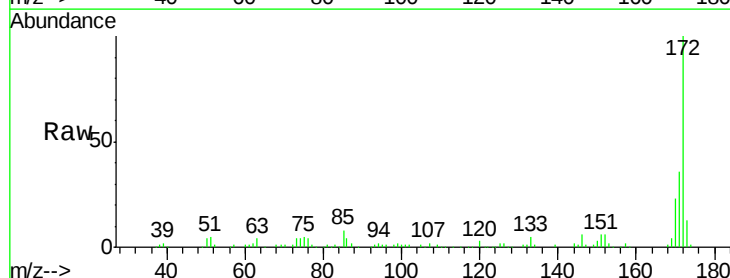
Tgt Ion:172 Resp: 229585

Ion Ratio Lower Upper

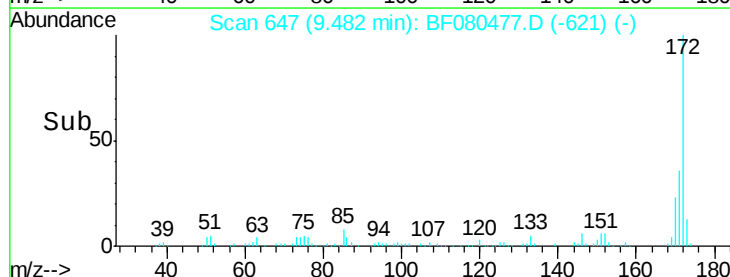
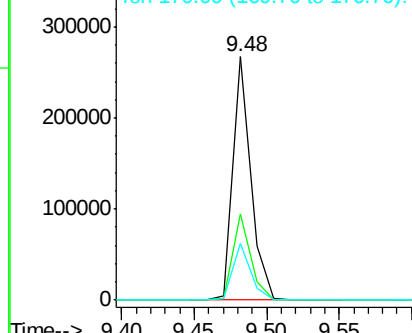
172 100

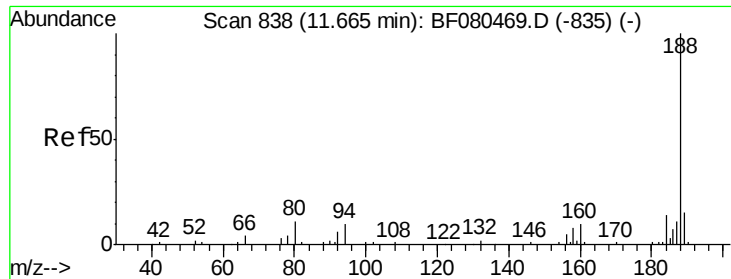
171 35.6 27.9 41.9

170 23.2 18.5 27.7



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

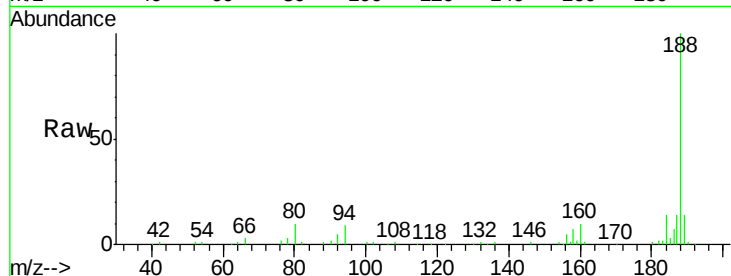




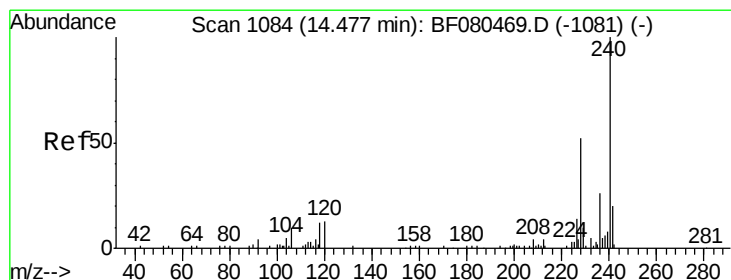
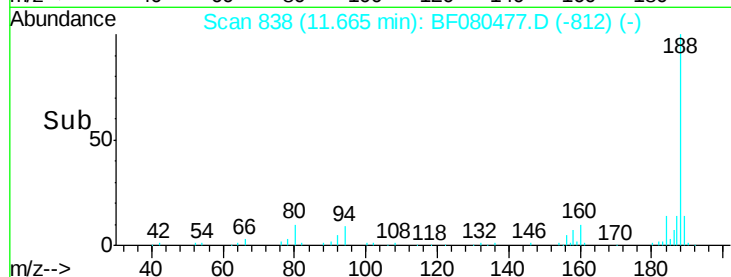
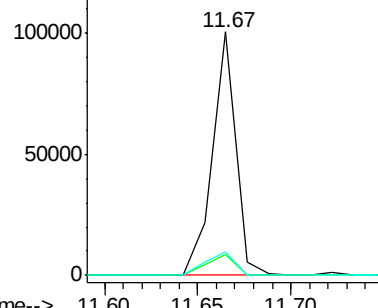
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.67 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF080477.D
Acq: 15 Jul 2015 6:26

Instrument :
BNA_F
ClientSampleId :
PB84447BL

Tgt Ion:188 Resp: 88391
Ion Ratio Lower Upper
188 100
94 8.5 7.7 11.5
80 9.8 8.8 13.2

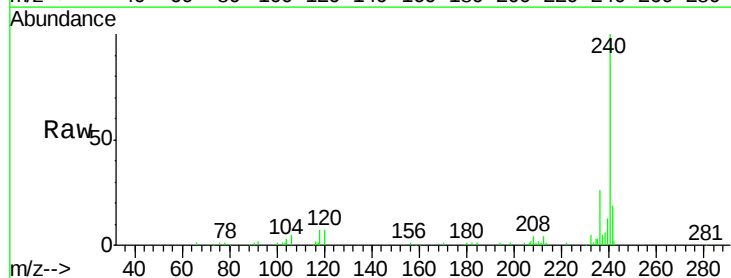


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

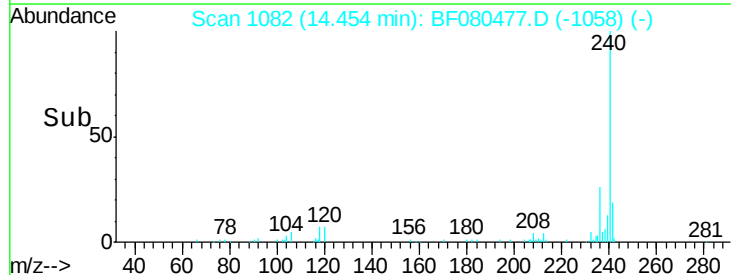
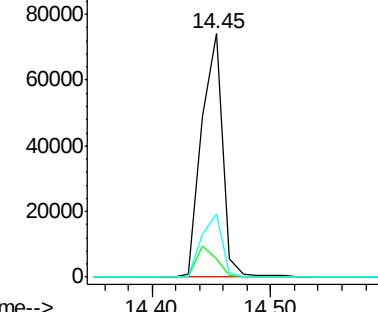


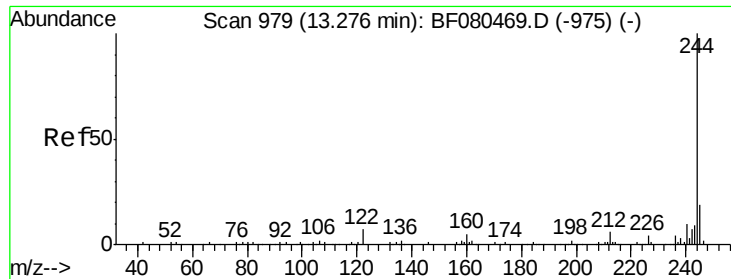
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.45 min Scan# 1082
Delta R.T. -0.02 min
Lab File: BF080477.D
Acq: 15 Jul 2015 6:26

Tgt Ion:240 Resp: 90400
Ion Ratio Lower Upper
240 100
120 7.4 10.2 15.4#
236 25.8 20.6 30.8



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

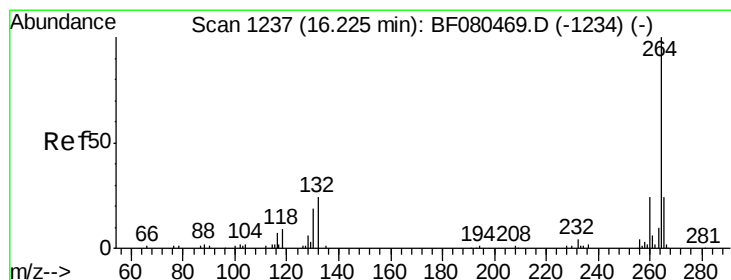
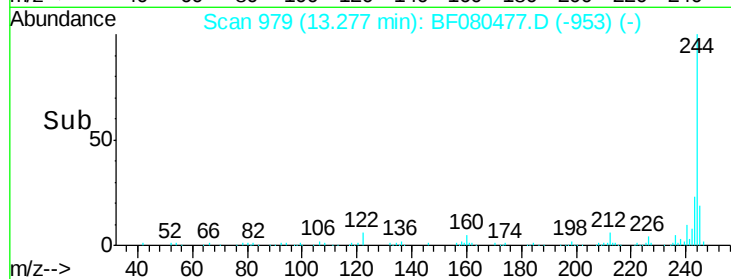
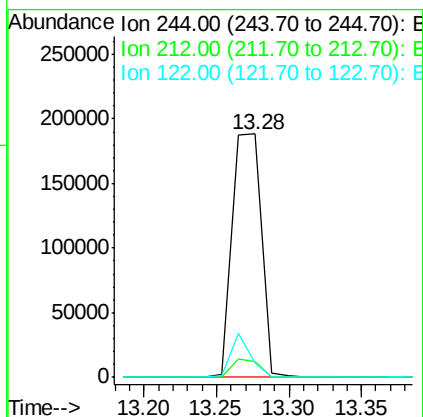
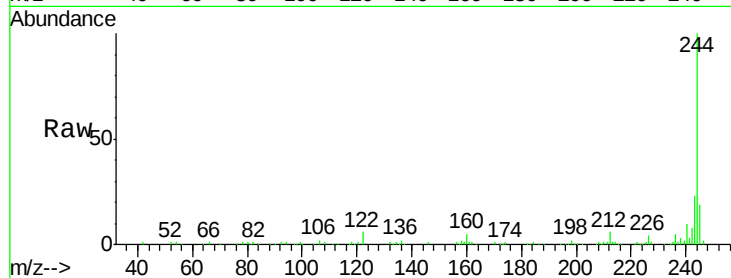




#78
 Terphenyl-d14
 Concen: 70.06 ng
 RT: 13.28 min Scan# 979
 Delta R.T. 0.00 min
 Lab File: BF080477.D
 Acq: 15 Jul 2015 6:26

Instrument :
 BNA_F
 ClientSampleId :
 PB84447BL

Tgt Ion: 244 Resp: 262771
 Ion Ratio Lower Upper
 244 100
 212 6.3 4.9 7.3
 122 5.7 5.2 7.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.15 min Scan# 1230
 Delta R.T. -0.08 min
 Lab File: BF080477.D
 Acq: 15 Jul 2015 6:26

Tgt Ion: 264 Resp: 100198
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.7 18.9 28.3

