

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031815\
 Data File : BF077813.D
 Acq On : 19 Mar 2015 1:25
 Operator : TP/IZ
 Sample : PB82167BL
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB82167BL

Quant Time: Mar 19 04:41:18 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF031115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 19 04:21:27 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.16	152	42744	20.00	ng	0.00
21) Naphthalene-d8	8.74	136	165759	20.00	ng	0.00
38) Acenaphthene-d10	10.90	164	79471	20.00	ng	-0.01
63) Phenanthrene-d10	12.74	188	158098	20.00	ng	0.00
75) Chrysene-d12	16.02	240	171114	20.00	ng	-0.01
86) Perylene-d12	17.73	264	168334	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	331666	135.44	ng	0.01
7) Phenol-d6	6.73	99	427626	141.34	ng	0.00
23) Nitrobenzene-d5	7.85	82	222643	88.05	ng	-0.01
41) 2,4,6-Tribromophenol	11.88	330	91468	120.30	ng	0.00
44) 2-Fluorobiphenyl	10.09	172	494041	91.36	ng	0.00
78) Terphenyl-d14	14.74	244	586331	83.70	ng	0.00

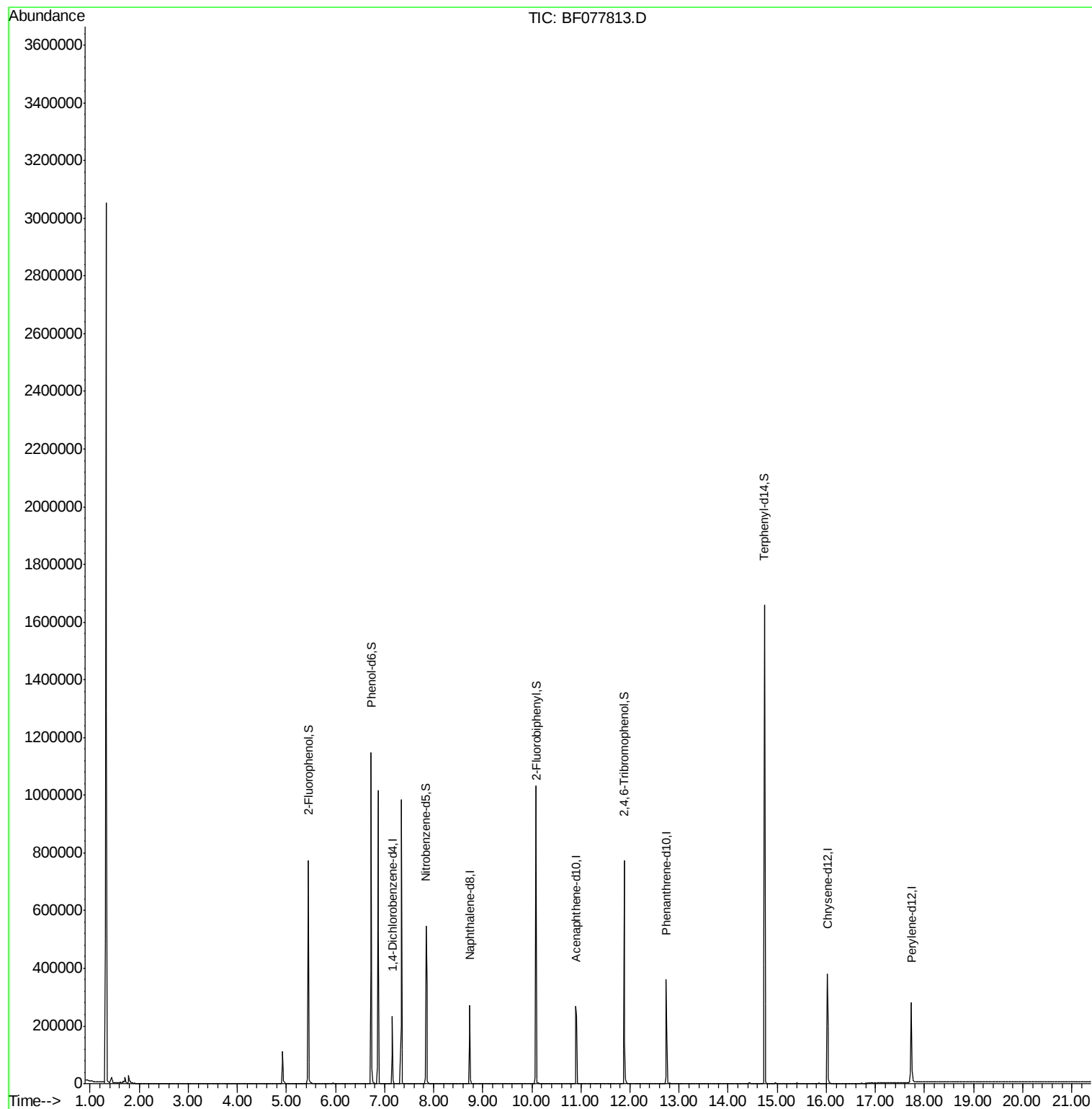
Target Compounds Qvalue

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

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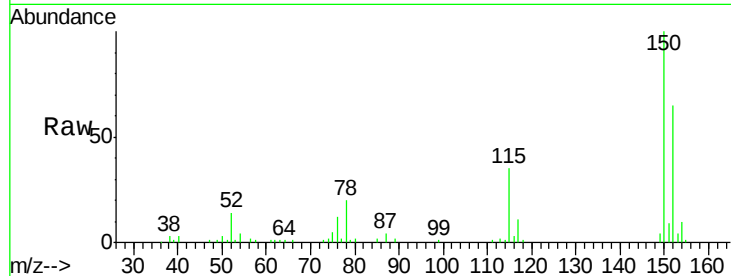


#1

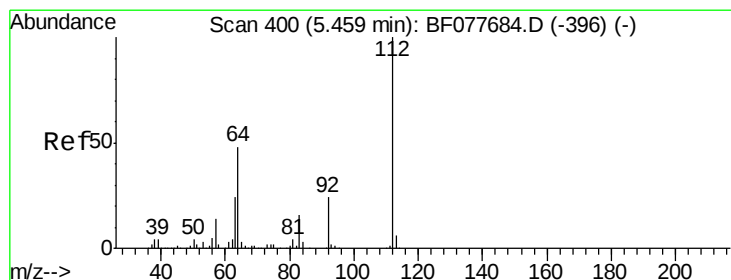
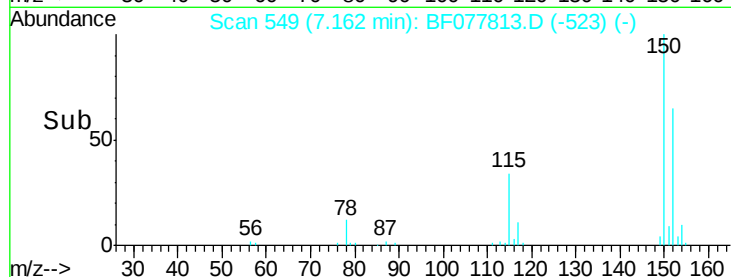
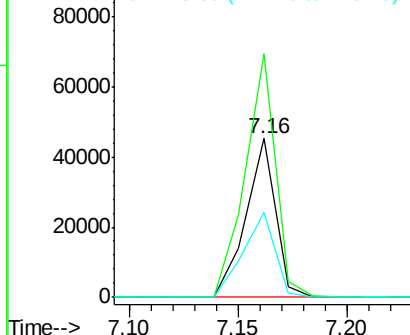
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.16 min Scan# 549
Delta R.T. 0.00 min
Lab File: BF077813.D
Acq: 19 Mar 2015 1:25

Instrument :
BNA_F
ClientSampleId :
PB82167BL

Tot Ion:152 Resp: 42744
Ion Ratio Lower Upper
152 100
150 153.4 119.5 179.3
115 53.1 43.0 64.4



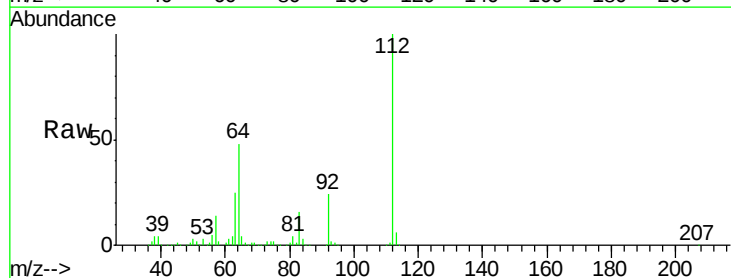
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



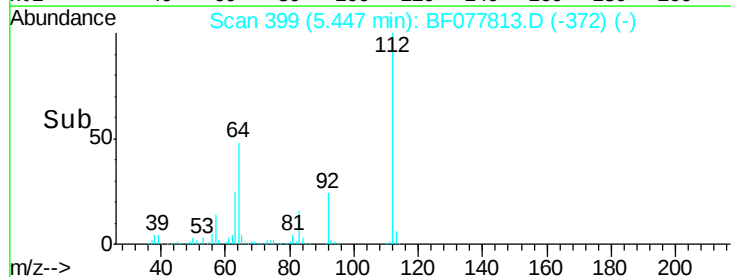
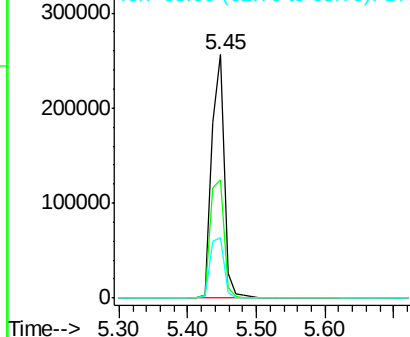
#5

2-Fluorophenol
Concen: 135.44 ng
RT: 5.45 min Scan# 399
Delta R.T. 0.01 min
Lab File: BF077813.D
Acq: 19 Mar 2015 1:25

Tgt Ion:112 Resp: 331666
Ion Ratio Lower Upper
112 100
64 48.4 38.6 57.8
63 24.8 19.3 28.9



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: 141.34 ng

RT: 6.73 min Scan# 511

Delta R.T. 0.00 min

Lab File: BF077813.D

Acq: 19 Mar 2015 1:25

Instrument :

BNA_F

ClientSampleId :

PB82167BL

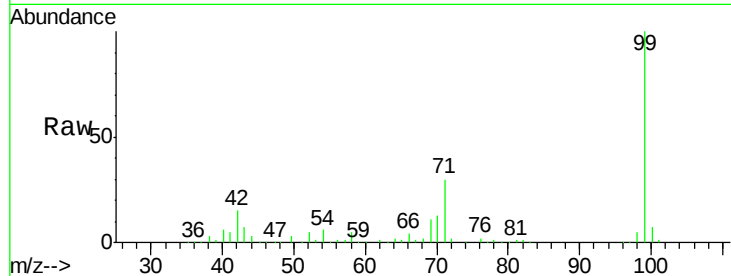
Tot Ion: 99 Resp: 427626

Ion Ratio Lower Upper

99 100

42 14.9 11.0 16.4

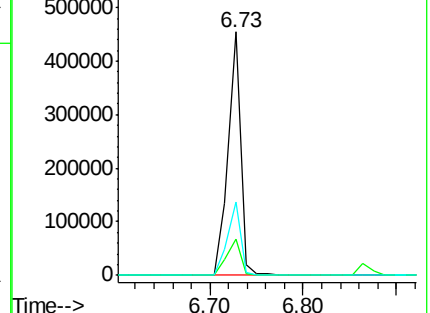
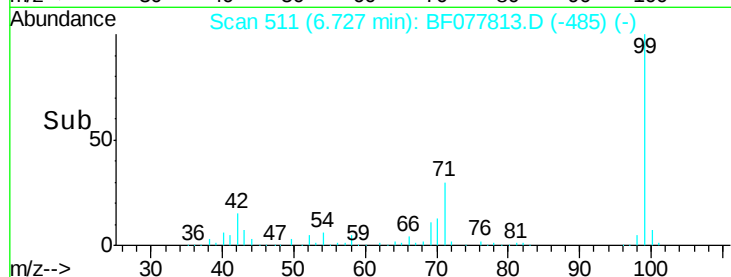
71 30.3 23.4 35.2



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: 8.74 min Scan# 687

Delta R.T. 0.00 min

Lab File: BF077813.D

Acq: 19 Mar 2015 1:25

Tgt Ion: 136 Resp: 165759

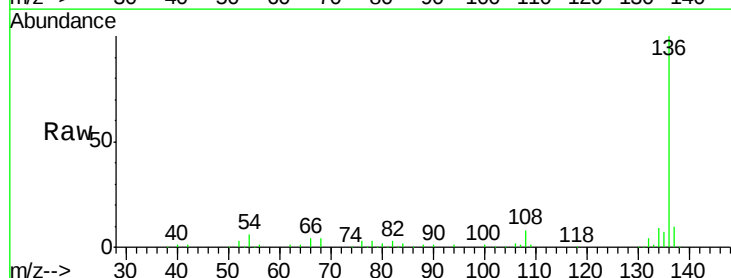
Ion Ratio Lower Upper

136 100

137 10.5 8.7 13.1

54 5.6 4.6 6.8

68 4.3 3.7 5.5

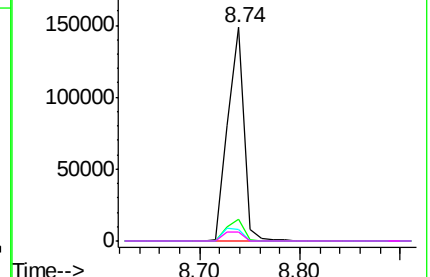
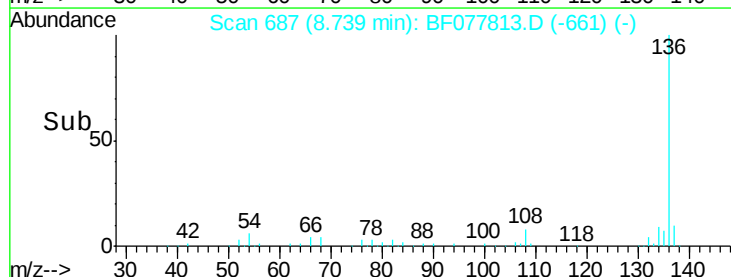


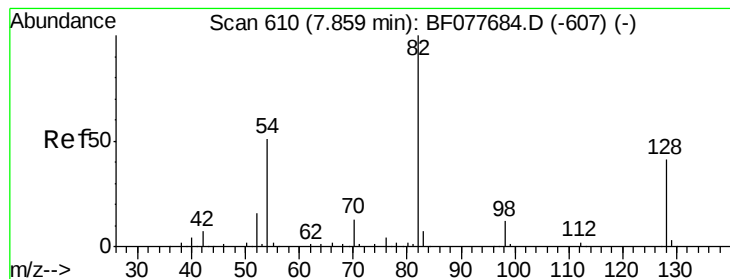
Abundance Ion 136.00 (135.70 to 136.70): E

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: 88.05 ng

RT: 7.85 min Scan# 609

Delta R.T. -0.01 min

Lab File: BF077813.D

Acq: 19 Mar 2015 1:25

Instrument :

BNA_F

ClientSampleId :

PB82167BL

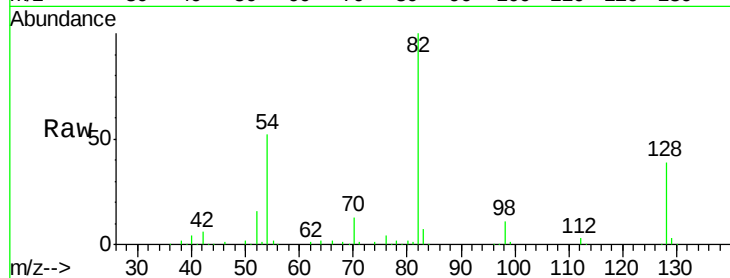
Tot Ion: 82 Resp: 222643

Ion Ratio Lower Upper

82 100

128 39.3 32.8 49.2

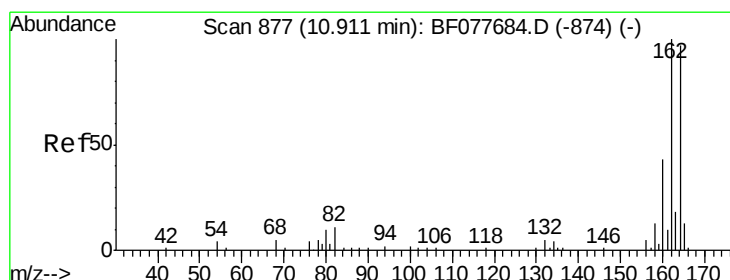
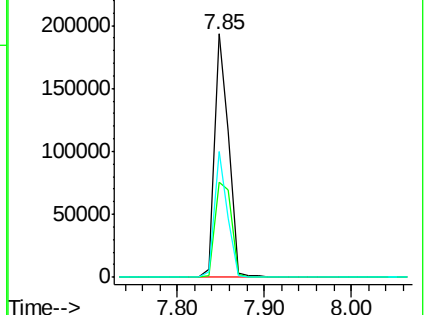
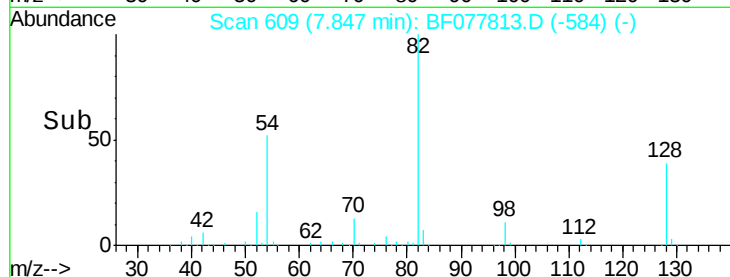
54 51.6 40.6 60.8



Abundance Ion 82.00 (81.70 to 82.70): BF077684.D (-607) (-)

Ion 128.00 (127.70 to 128.70): BF077684.D (-607) (-)

Ion 54.00 (53.70 to 54.70): BF077684.D (-607) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.90 min Scan# 876

Delta R.T. -0.01 min

Lab File: BF077813.D

Acq: 19 Mar 2015 1:25

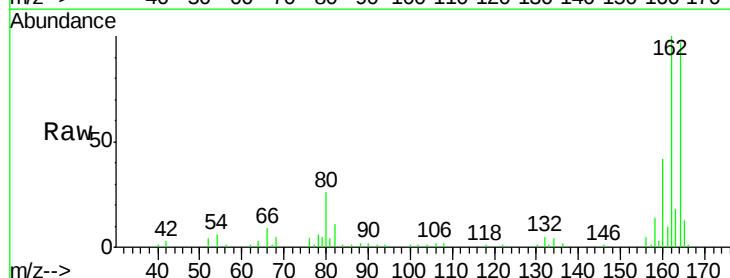
Tgt Ion: 164 Resp: 79471

Ion Ratio Lower Upper

164 100

162 103.2 82.4 123.6

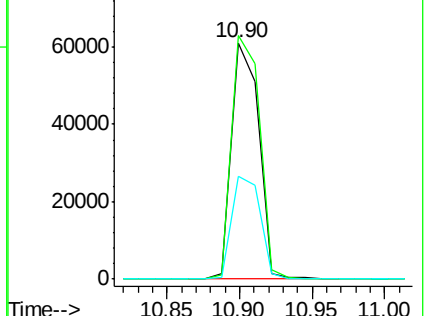
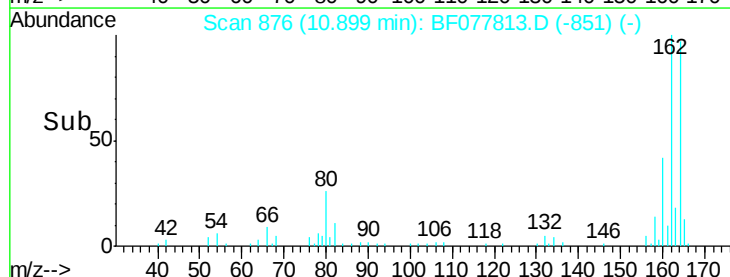
160 43.5 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): BF077684.D (-874) (-)

Ion 162.00 (161.70 to 162.70): BF077684.D (-874) (-)

Ion 160.00 (159.70 to 160.70): BF077684.D (-874) (-)





#41

2,4,6-Tribromophenol

Concen: 120.30 ng

RT: 11.88 min Scan# 962

Delta R.T. 0.00 min

Lab File: BF077813.D

Acq: 19 Mar 2015 1:25

Instrument :

BNA_F

ClientSampleId :

PB82167BL

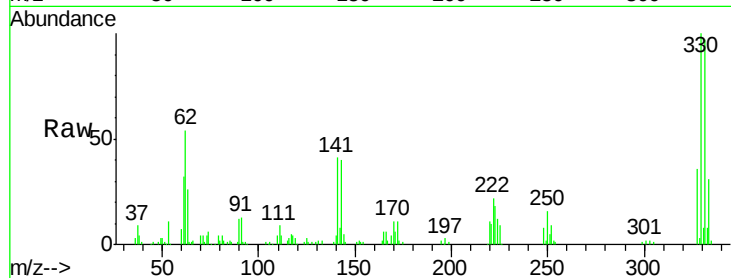
Tot Ion:330 Resp: 91468

Ion Ratio Lower Upper

330 100

332 98.3 0.0 0.0#

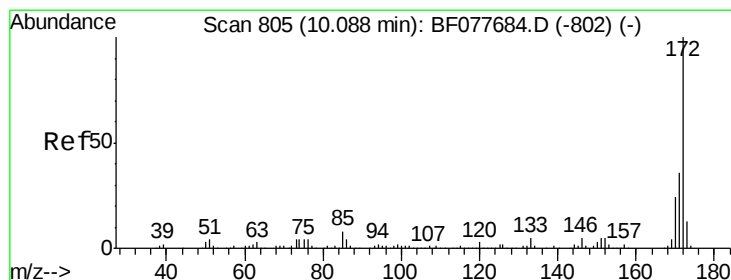
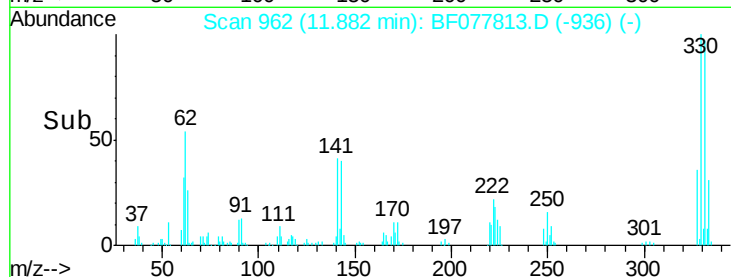
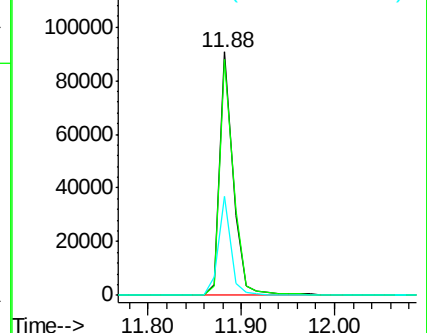
141 37.4 0.0 0.0#



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: 91.36 ng

RT: 10.09 min Scan# 805

Delta R.T. 0.00 min

Lab File: BF077813.D

Acq: 19 Mar 2015 1:25

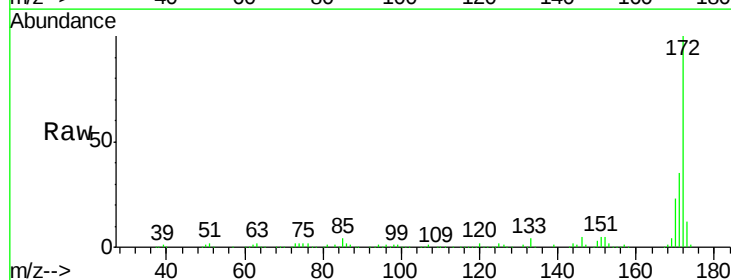
Tgt Ion:172 Resp: 494041

Ion Ratio Lower Upper

172 100

171 34.7 28.5 42.7

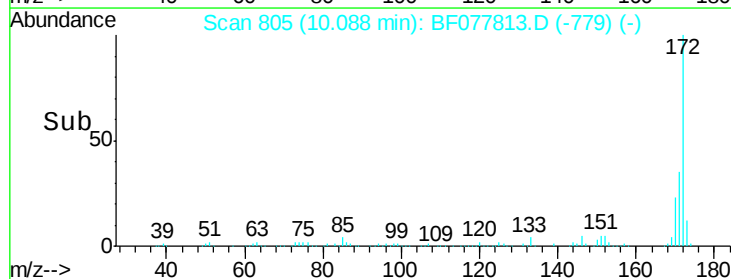
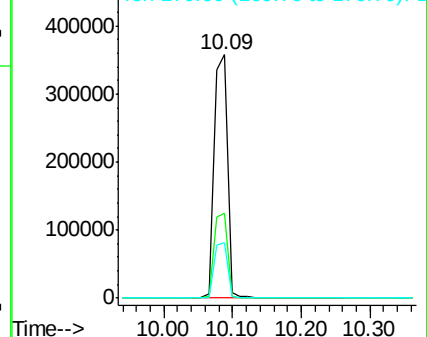
170 22.8 18.8 28.2



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

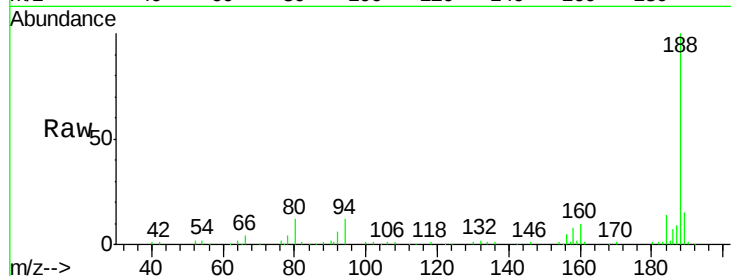




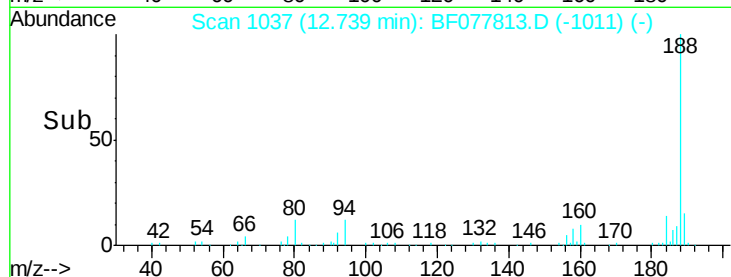
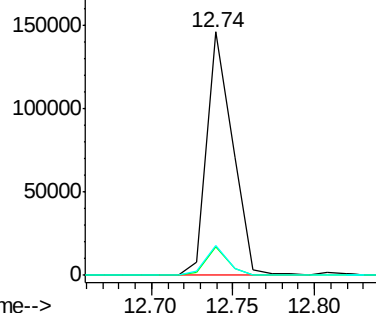
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.74 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF077813.D
Acq: 19 Mar 2015 1:25

Instrument :
BNA_F
ClientSampleId :
PB82167BL

Tot Ion:188 Resp: 158098
Ion Ratio Lower Upper
188 100
94 11.8 8.7 13.1
80 12.3 9.3 13.9

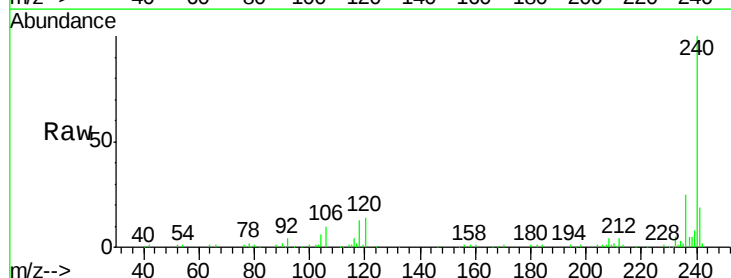


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

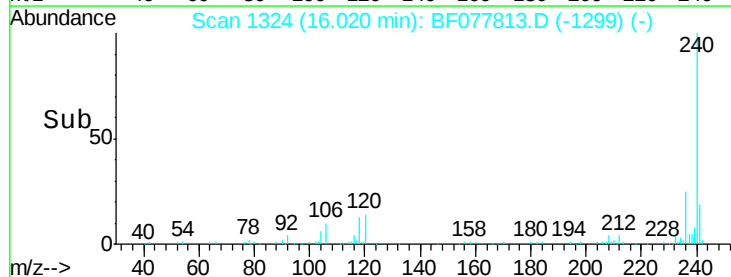
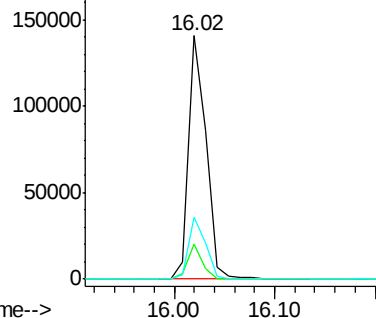


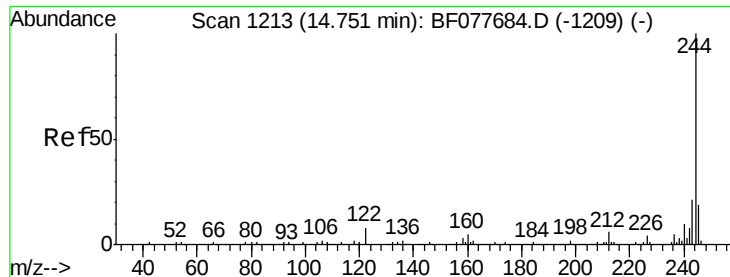
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.02 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF077813.D
Acq: 19 Mar 2015 1:25

Tgt Ion:240 Resp: 171114
Ion Ratio Lower Upper
240 100
120 14.4 8.2 12.2#
236 25.4 20.0 30.0



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: 83.70 ng

RT: 14.74 min Scan# 1212

Delta R.T. 0.00 min

Lab File: BF077813.D

Acq: 19 Mar 2015 1:25

Instrument :

BNA_F

ClientSampleId :

PB82167BL

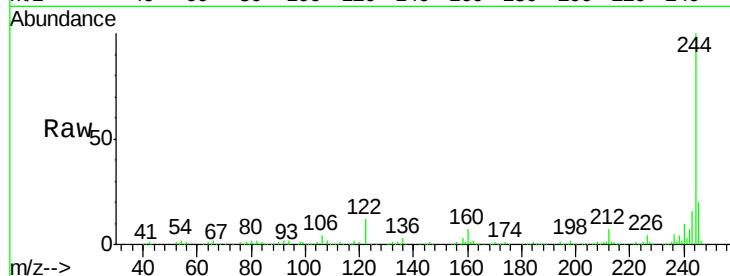
Tot Ion:244 Resp: 586331

Ion Ratio Lower Upper

244 100

212 6.8 4.9 7.3

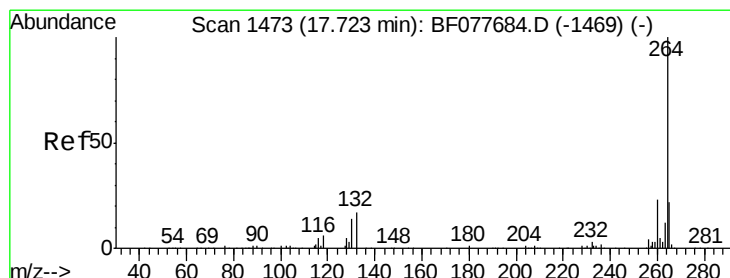
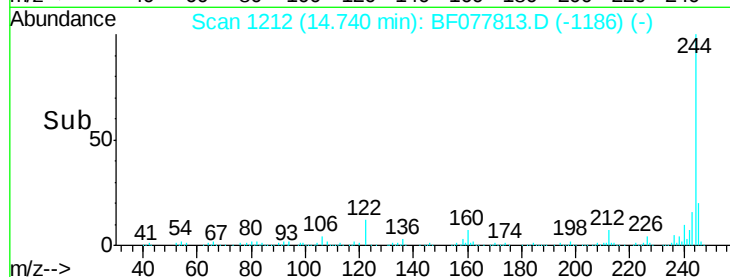
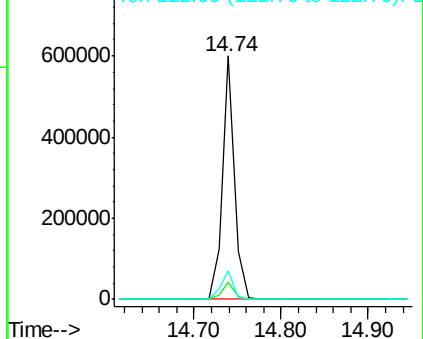
122 11.9 6.2 9.4#



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: 17.73 min Scan# 1474

Delta R.T. -0.01 min

Lab File: BF077813.D

Acq: 19 Mar 2015 1:25

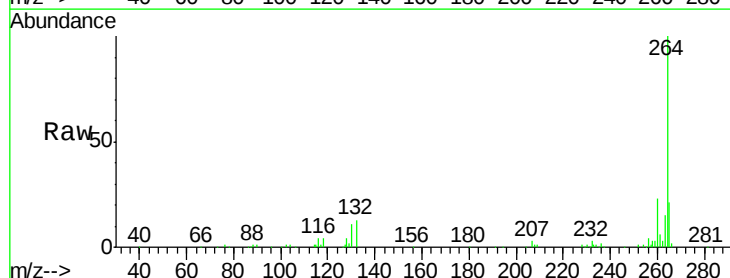
Tgt Ion:264 Resp: 168334

Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 20.9 17.3 25.9



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

