

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082401.D
 Acq On : 21 Oct 2015 13:36
 Operator : UM/IZ
 Sample : PB86203BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BL

Quant Time: Oct 22 09:10:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	105355	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	414619	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	213974	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	423732	20.00	ng	0.00
75) Chrysene-d12	14.01	240	377489	20.00	ng	0.00
86) Perylene-d12	15.57	264	298795	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	540952	103.63	ng	0.01
7) Phenol-d6	6.41	99	645394	95.01	ng	-0.01
23) Nitrobenzene-d5	7.34	82	396117	64.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	148673	74.09	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	909085	70.46	ng	0.00
78) Terphenyl-d14	12.90	244	874304	61.38	ng	0.00

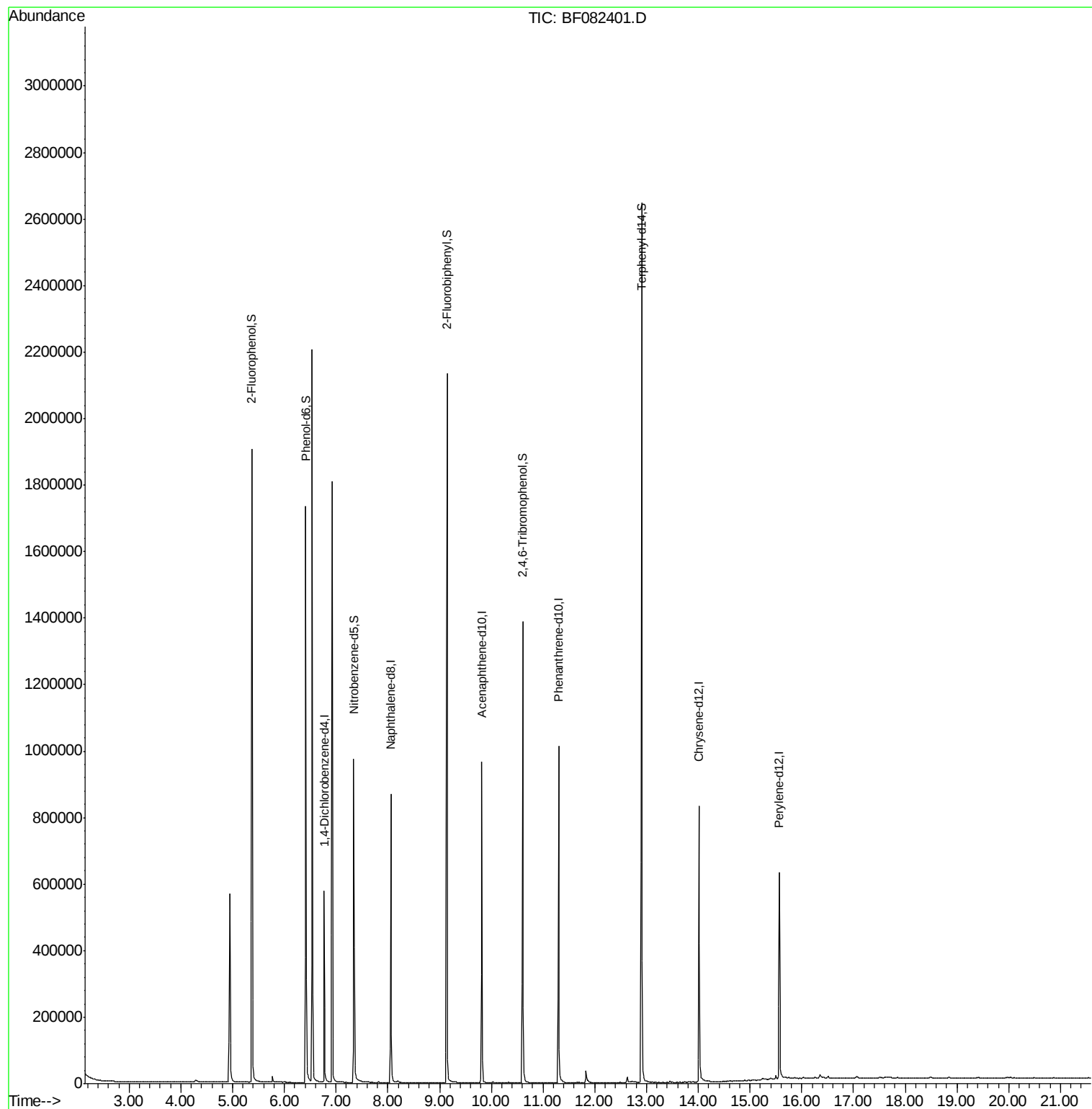
Target Compounds Qvalue

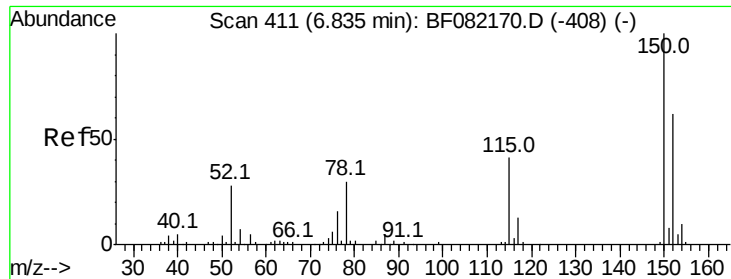
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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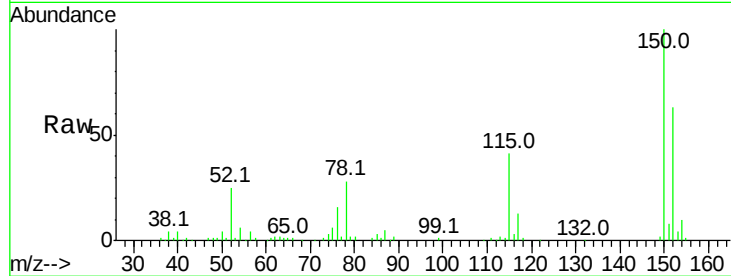


#1

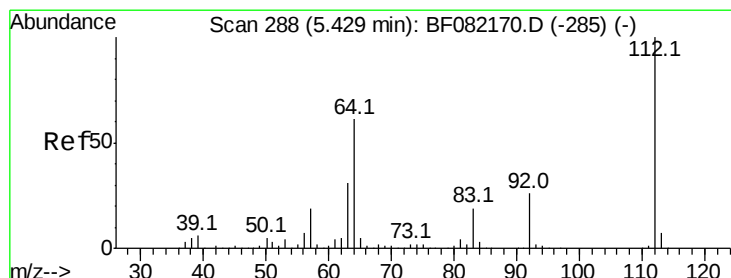
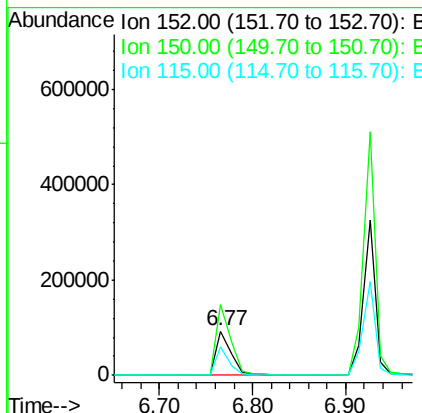
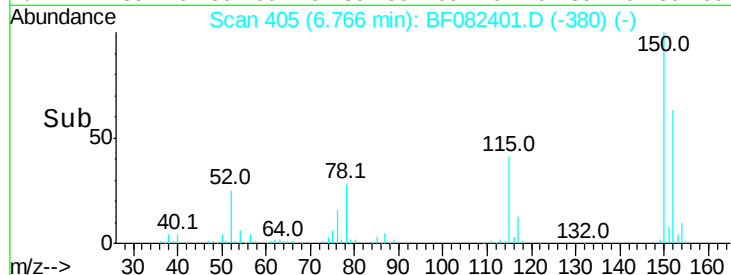
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.77 min Scan# 405
 Delta R.T. -0.01 min
 Lab File: BF082401.D
 Acq: 21 Oct 2015 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BL

Tot Ion:152 Resp: 105355
 Ion Ratio Lower Upper
 152 100
 150 159.9 129.0 193.4
 115 65.4 52.1 78.1



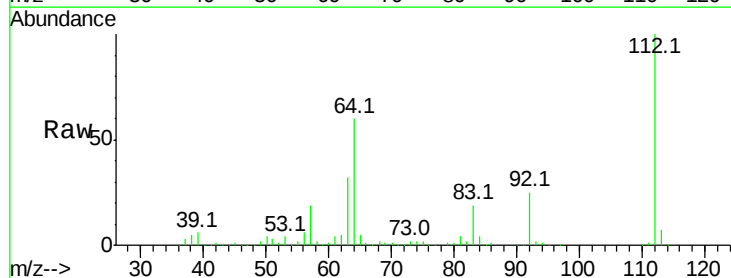
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



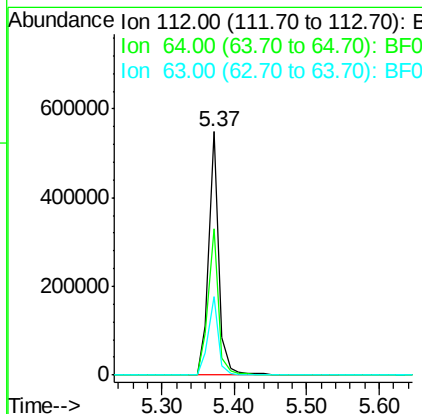
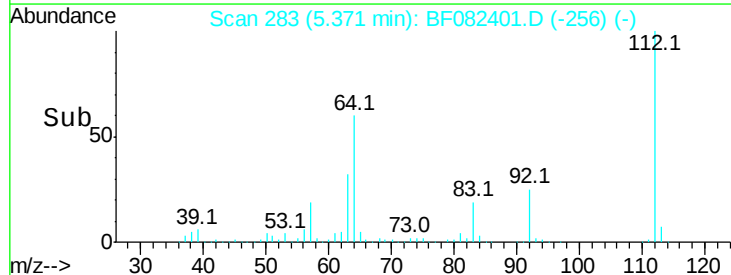
#5

2-Fluorophenol
 Concen: 103.63 ng
 RT: 5.37 min Scan# 283
 Delta R.T. 0.01 min
 Lab File: BF082401.D
 Acq: 21 Oct 2015 13:36

Tgt Ion:112 Resp: 540952
 Ion Ratio Lower Upper
 112 100
 64 60.0 48.6 73.0
 63 32.0 25.1 37.7



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: 95.01 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082401.D

Acq: 21 Oct 2015 13:36

Instrument :

BNA_F

ClientSampleId :

PB86203BL

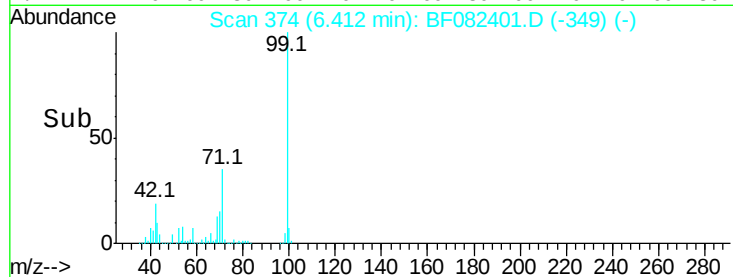
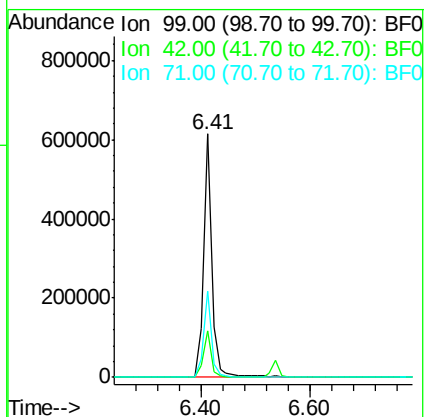
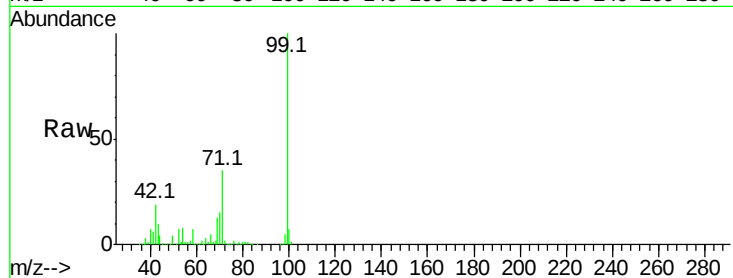
Tot Ion: 99 Resp: 645394

Ion Ratio Lower Upper

99 100

42 19.1 13.2 19.8

71 35.3 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082401.D

Acq: 21 Oct 2015 13:36

Tgt Ion: 136 Resp: 414619

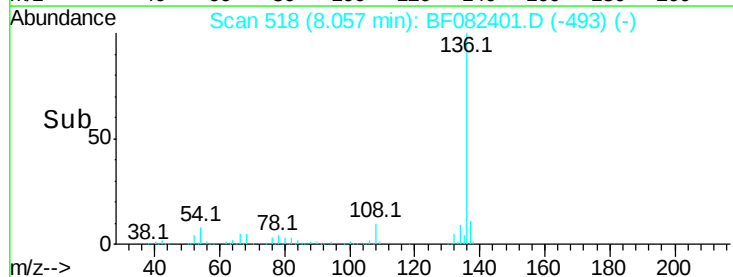
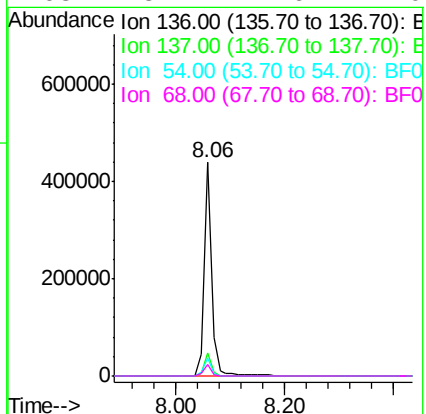
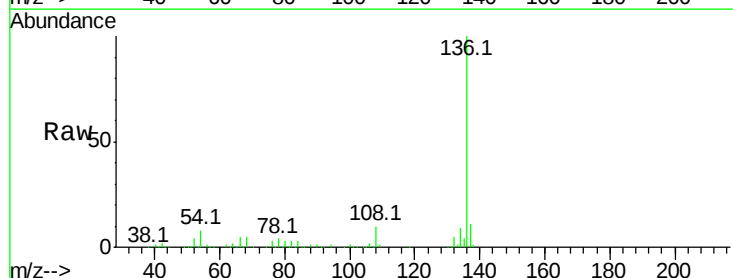
Ion Ratio Lower Upper

136 100

137 11.1 9.0 13.6

54 8.4 7.5 11.3

68 5.4 4.6 7.0

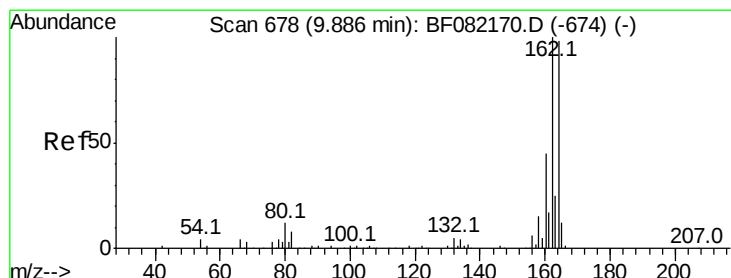
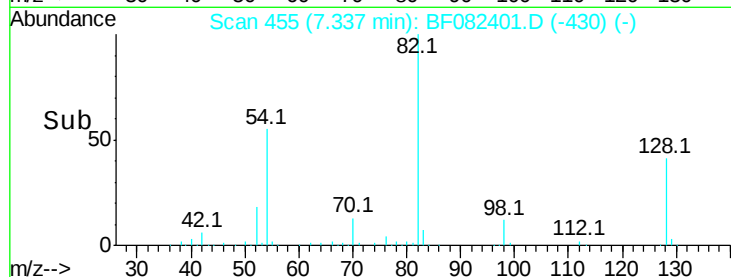
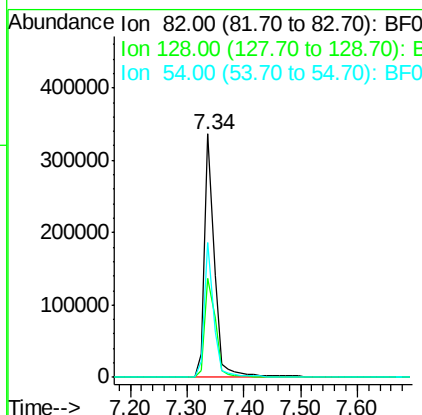
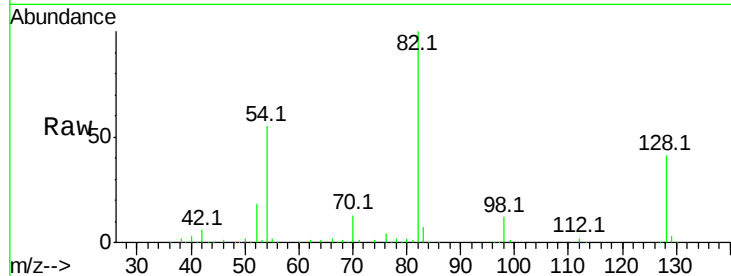




#23
Nitrobenzene-d5
Concen: 64.16 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082401.D
Acq: 21 Oct 2015 13:36

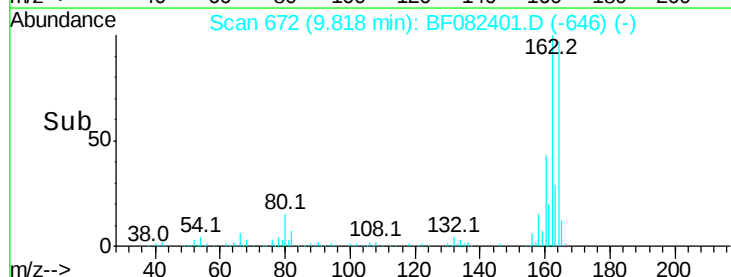
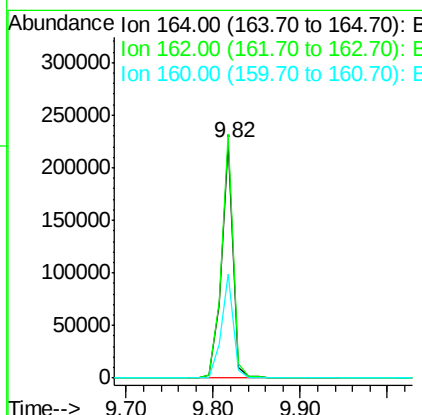
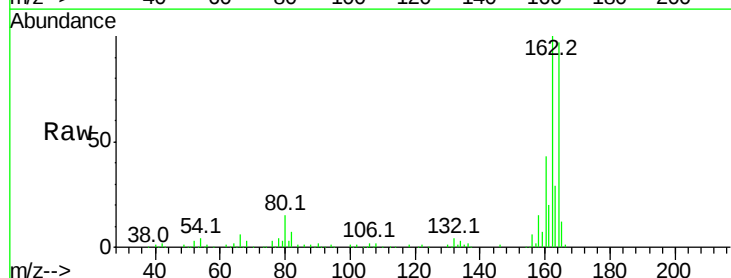
Instrument :
BNA_F
ClientSampleId :
PB86203BL

Tot Ion: 82 Resp: 396117
Ion Ratio Lower Upper
82 100
128 40.8 38.7 58.1
54 55.4 40.1 60.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082401.D
Acq: 21 Oct 2015 13:36

Tgt Ion:164 Resp: 213974
Ion Ratio Lower Upper
164 100
162 103.5 81.6 122.4
160 44.5 36.4 54.6

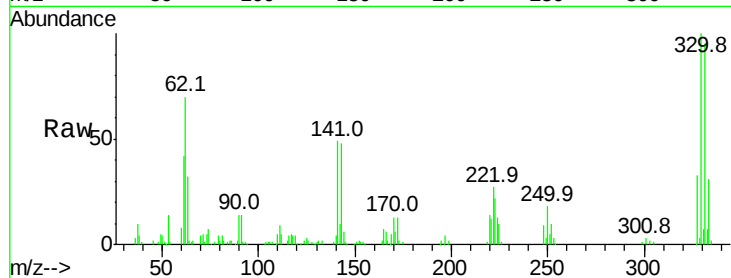




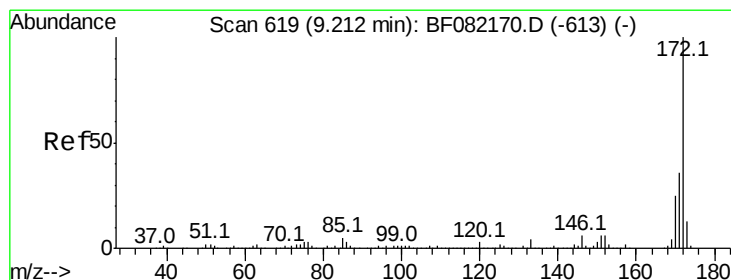
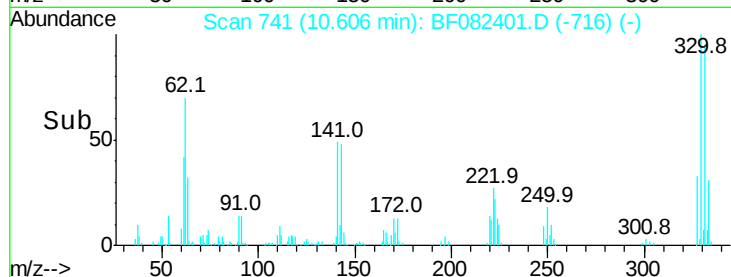
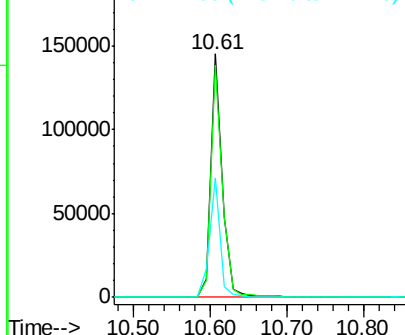
#41
 2,4,6-Tribromophenol
 Concen: 74.09 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082401.D
 Acq: 21 Oct 2015 13:36

Instrument :
 BNA_F
 ClientSampleId :
 PB86203BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	77.1	115.7
141	45.4	29.8	44.8#

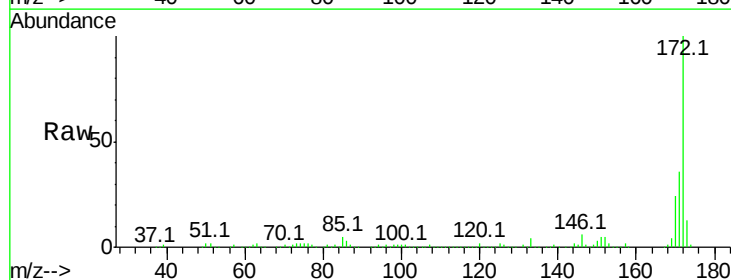


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

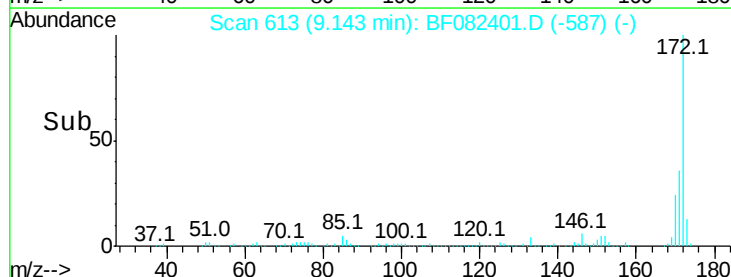
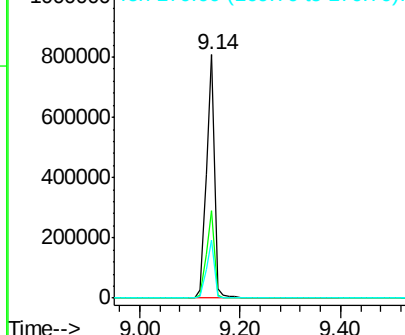


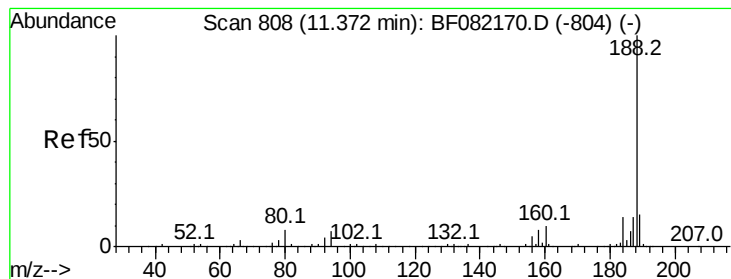
#44
 2-Fluorobiphenyl
 Concen: 70.46 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082401.D
 Acq: 21 Oct 2015 13:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.6	42.8
170	24.0	19.7	29.5



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: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082401.D

Acq: 21 Oct 2015 13:36

Instrument :

BNA_F

ClientSampleId :

PB86203BL

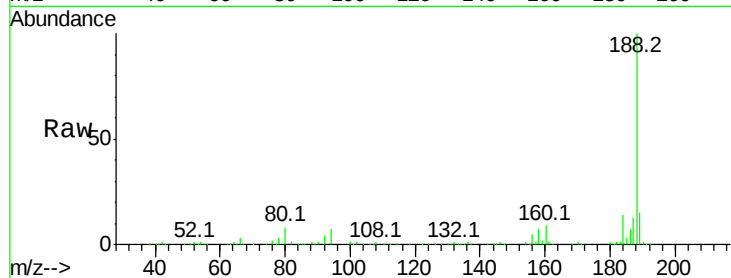
Tot Ion:188 Resp: 423732

Ion Ratio Lower Upper

188 100

94 7.2 5.8 8.6

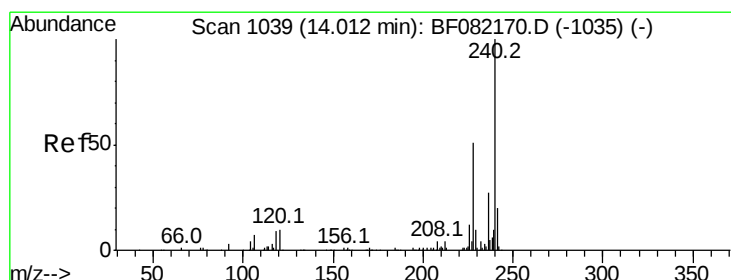
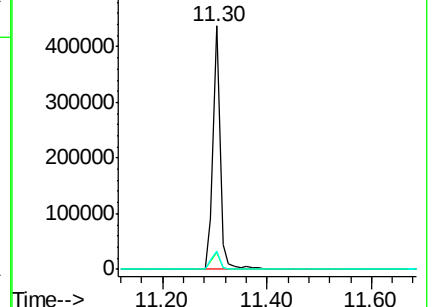
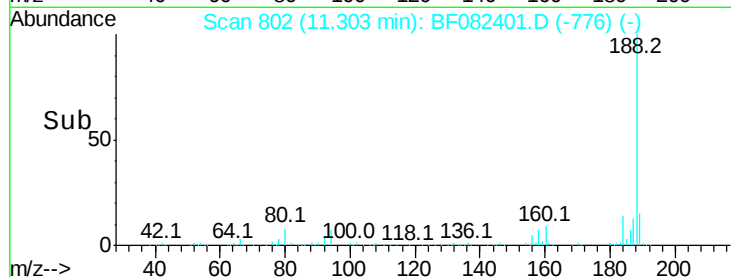
80 7.6 6.4 9.6



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: 14.01 min Scan# 1039

Delta R.T. -0.00 min

Lab File: BF082401.D

Acq: 21 Oct 2015 13:36

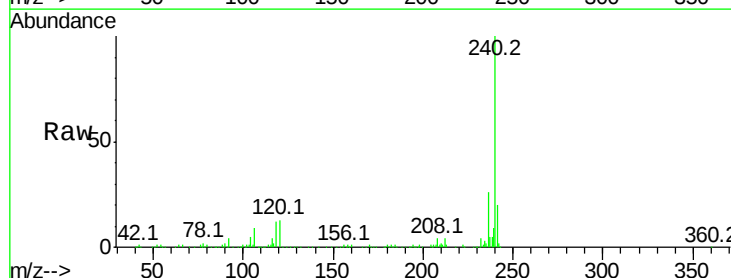
Tgt Ion:240 Resp: 377489

Ion Ratio Lower Upper

240 100

120 13.1 8.1 12.1#

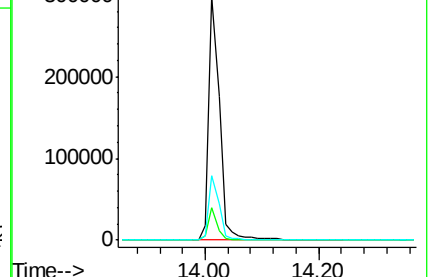
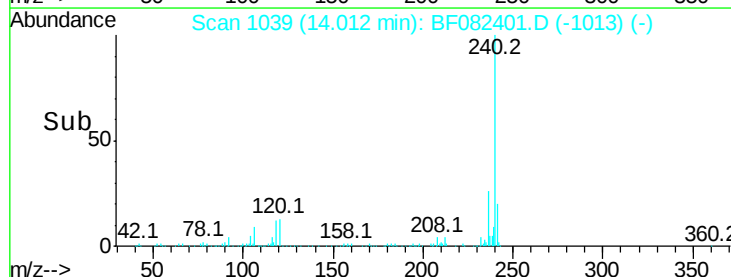
236 26.3 21.3 31.9

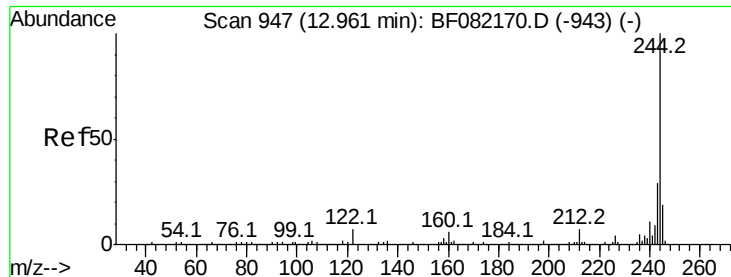


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 61.38 ng

RT: 12.90 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF082401.D

Acq: 21 Oct 2015 13:36

Instrument :

BNA_F

ClientSampleId :

PB86203BL

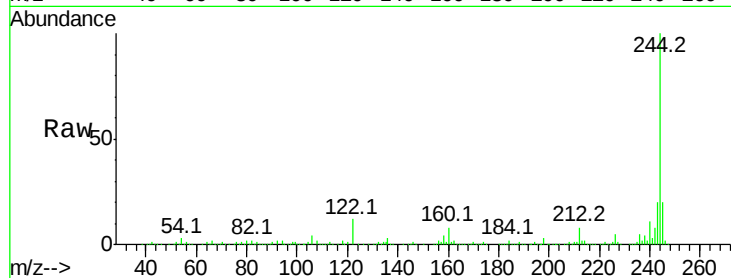
Tot Ion:244 Resp: 874304

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.6

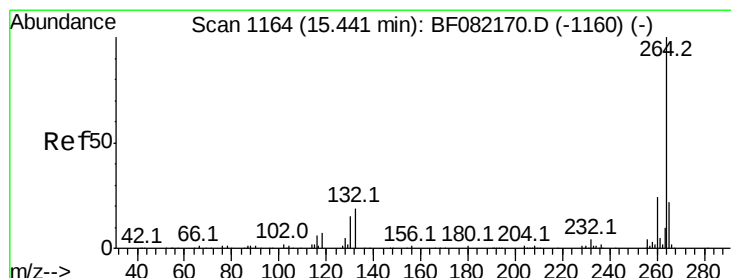
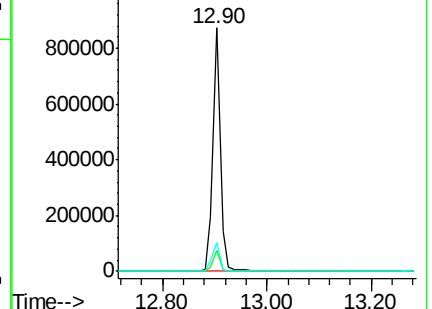
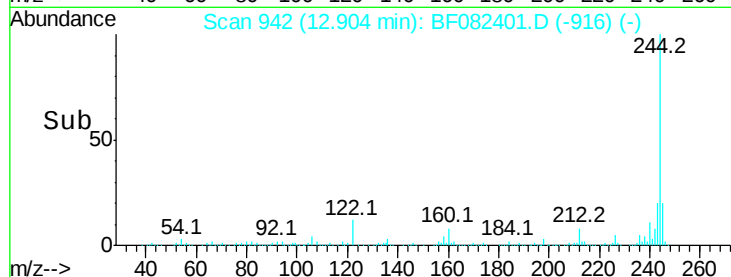
122 12.0 5.9 8.9#



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: 15.57 min Scan# 1175

Delta R.T. 0.03 min

Lab File: BF082401.D

Acq: 21 Oct 2015 13:36

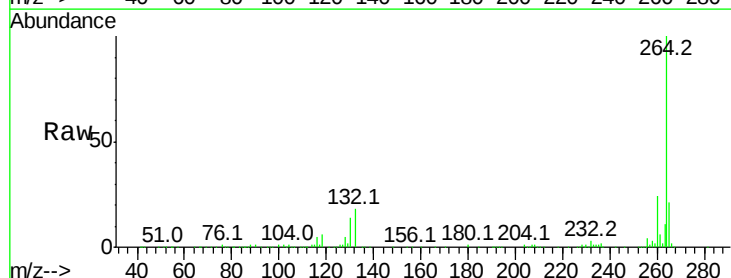
Tgt Ion:264 Resp: 298795

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.6

265 21.3 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

