

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082406.D
 Acq On : 21 Oct 2015 16:08
 Operator : UM/IZ
 Sample : G4099-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68

Quant Time: Oct 22 09:47:15 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	110784	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	445603	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	230472	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	473021	20.00	ng	0.00
75) Chrysene-d12	14.00	240	398752	20.00	ng	-0.01
86) Perylene-d12	15.53	264	305070	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	346819	63.18	ng	0.00
7) Phenol-d6	6.41	99	265390	37.15	ng	-0.01
23) Nitrobenzene-d5	7.34	82	592696	89.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	224220	103.74	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1305179	93.91	ng	0.00
78) Terphenyl-d14	12.90	244	1179844	78.41	ng	0.00

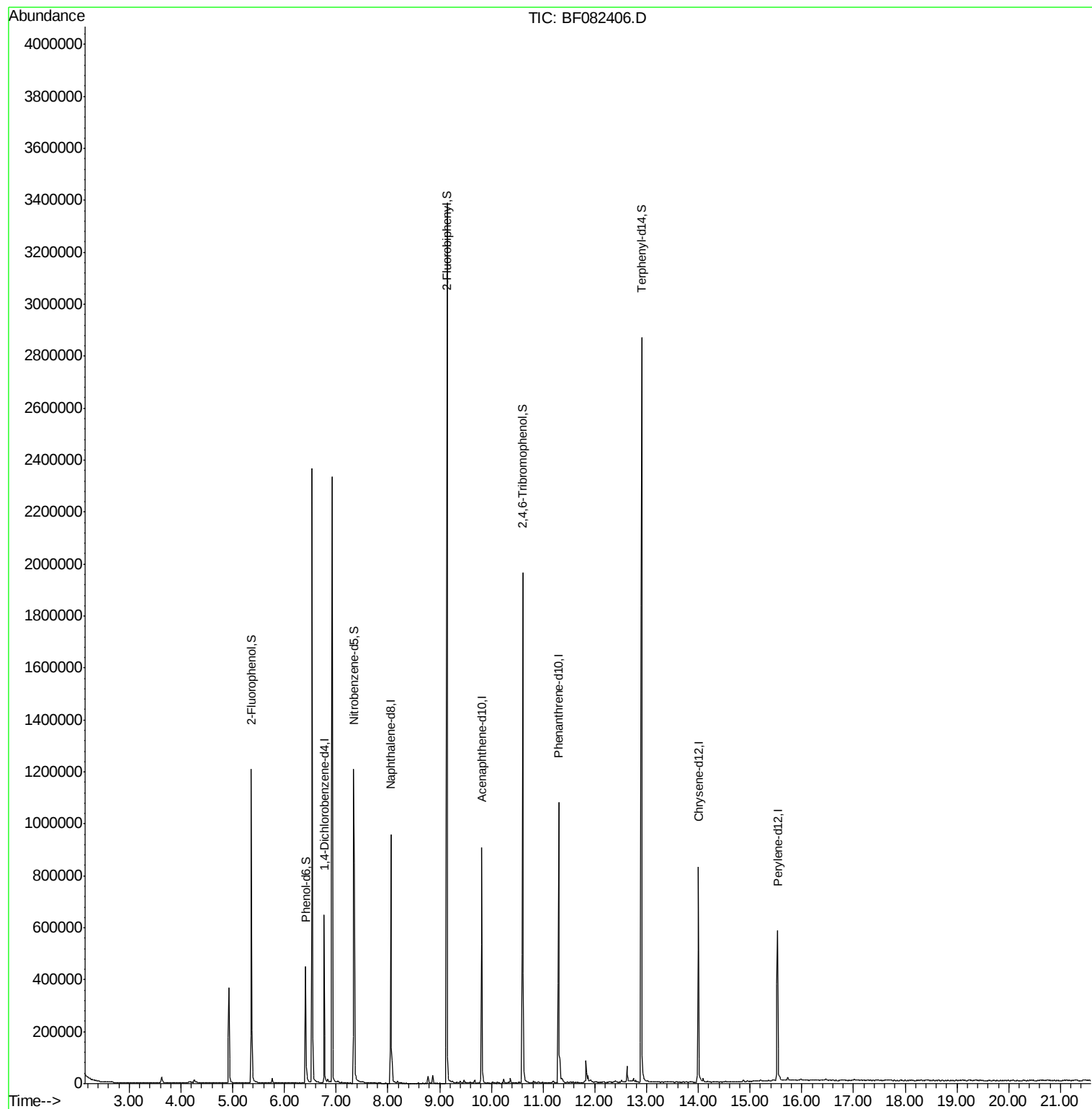
Target Compounds Qvalue

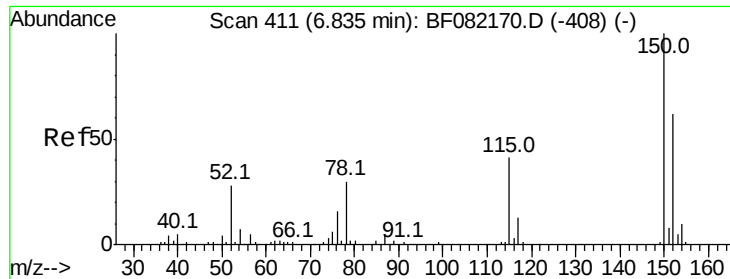
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082406.D

Acq: 21 Oct 2015 16:08

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68

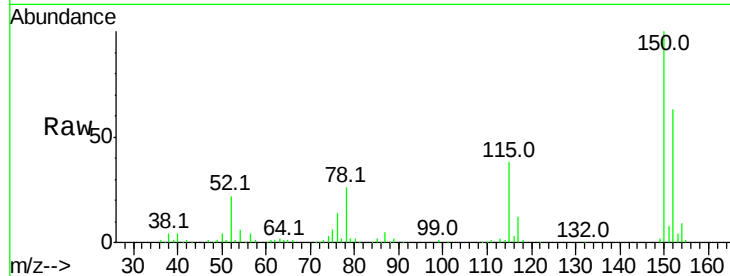
Tot Ion:152 Resp: 110784

Ion Ratio Lower Upper

152 100

150 158.4 129.0 193.4

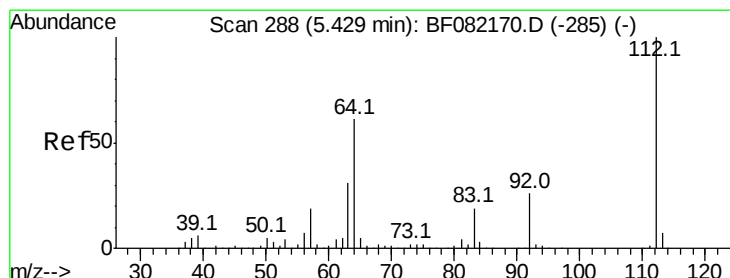
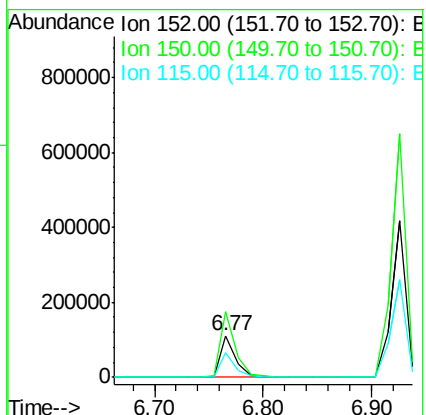
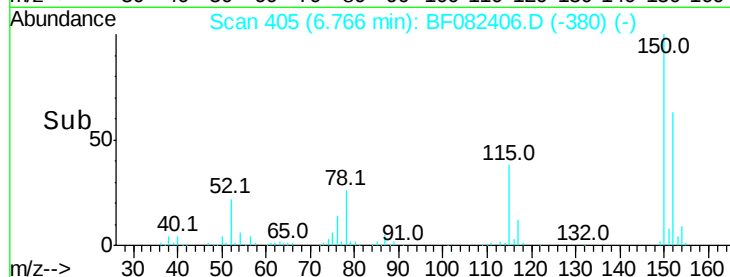
115 60.7 52.1 78.1



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: 63.18 ng

RT: 5.36 min Scan# 282

Delta R.T. -0.00 min

Lab File: BF082406.D

Acq: 21 Oct 2015 16:08

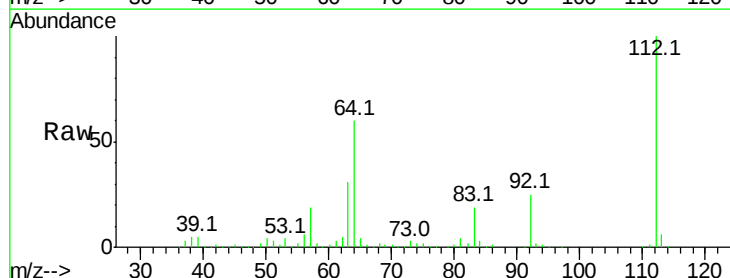
Tgt Ion:112 Resp: 346819

Ion Ratio Lower Upper

112 100

64 59.7 48.6 73.0

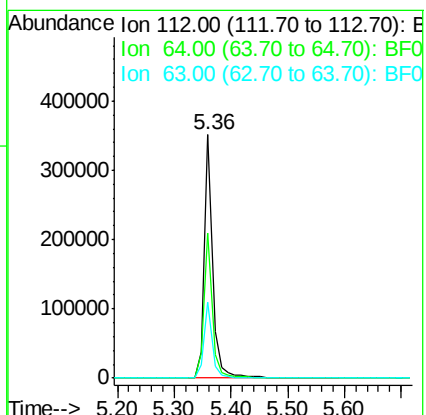
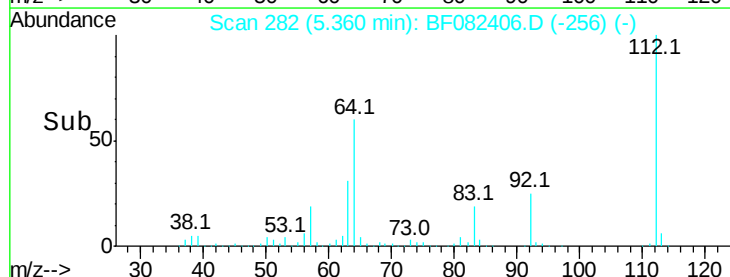
63 31.4 25.1 37.7



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: 37.15 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082406.D

Acq: 21 Oct 2015 16:08

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68

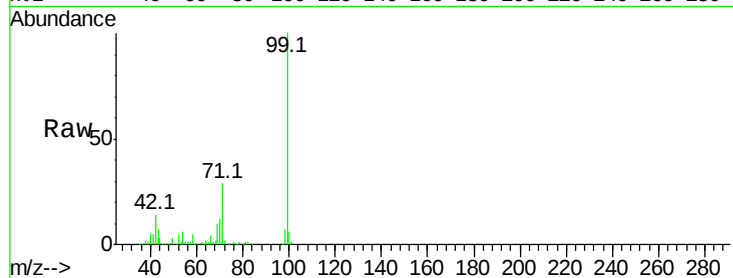
Tot Ion: 99 Resp: 265390

Ion Ratio Lower Upper

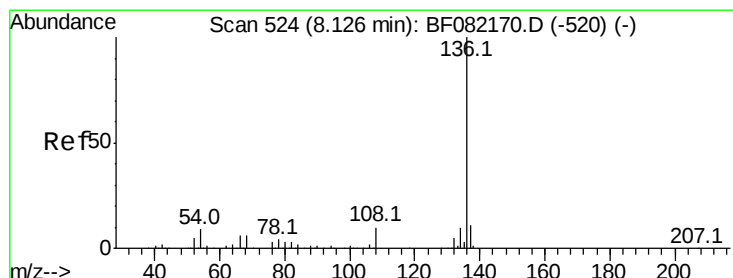
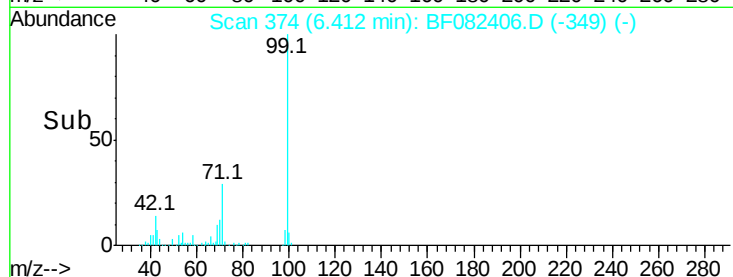
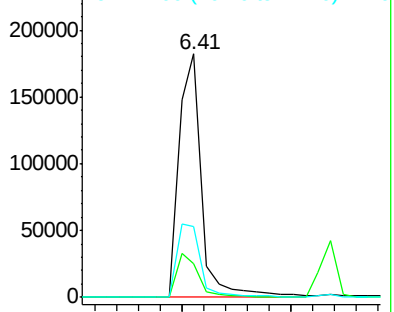
99 100

42 13.7 13.2 19.8

71 29.1 25.6 38.4



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: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082406.D

Acq: 21 Oct 2015 16:08

Tgt Ion: 136 Resp: 445603

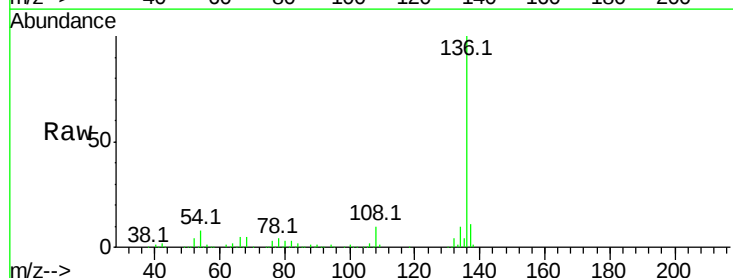
Ion Ratio Lower Upper

136 100

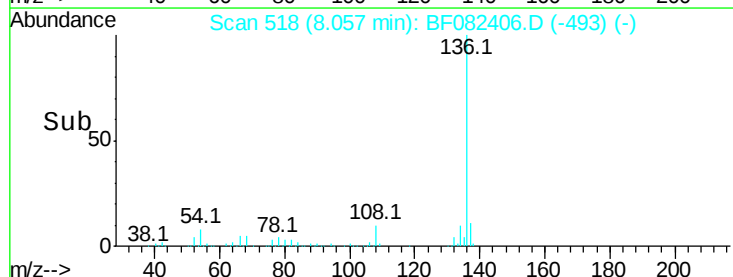
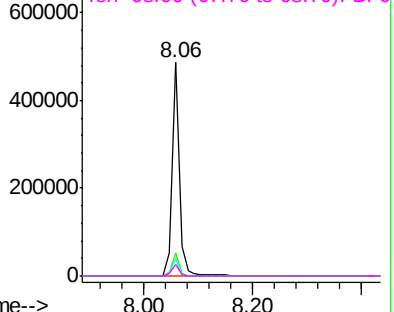
137 11.0 9.0 13.6

54 7.9 7.5 11.3

68 5.1 4.6 7.0



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

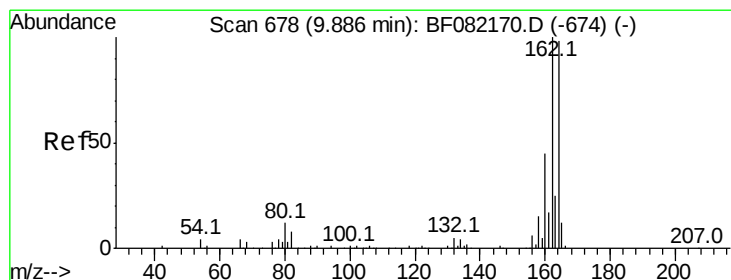
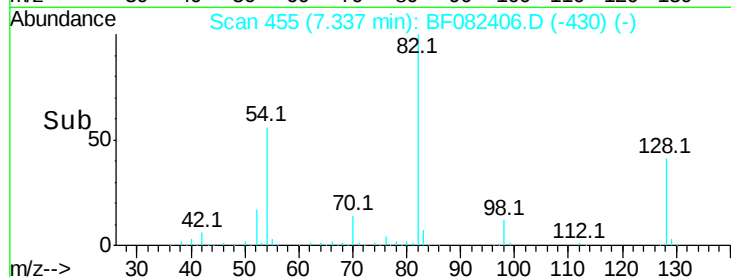
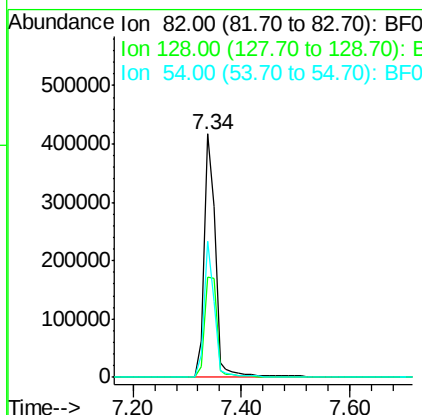
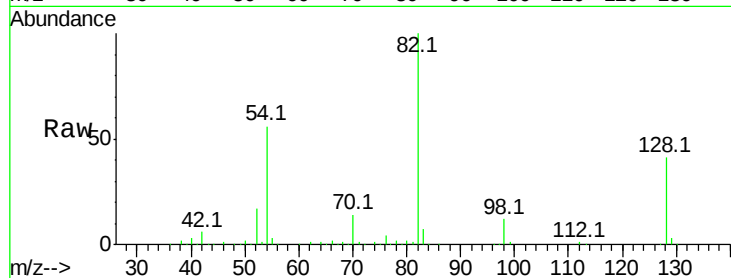




#23
Nitrobenzene-d5
Concen: 89.32 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082406.D
Acq: 21 Oct 2015 16:08

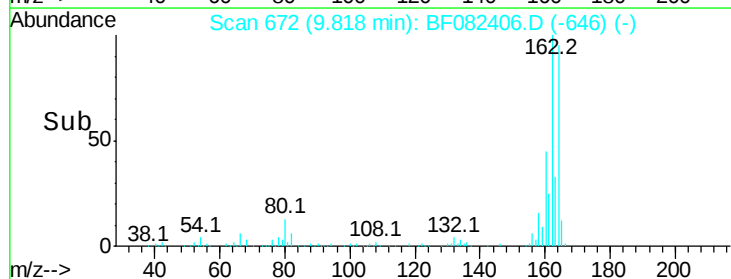
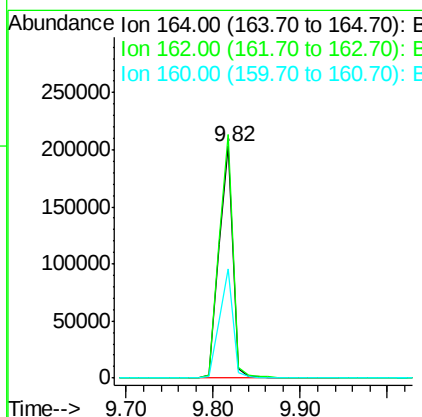
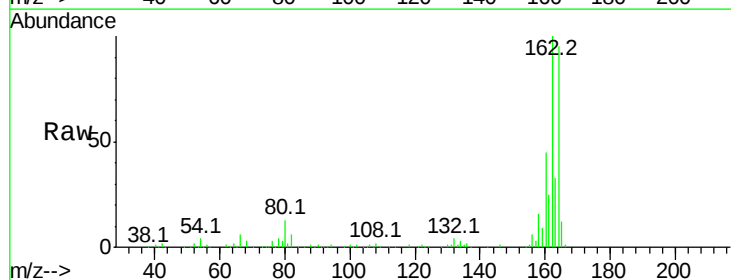
Instrument :
BNA_F
ClientSampleId :
20151013MGP208BRV68

Tot Ion: 82 Resp: 592696
Ion Ratio Lower Upper
82 100
128 41.0 38.7 58.1
54 55.7 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: BF082406.D
Acq: 21 Oct 2015 16:08

Tgt Ion:164 Resp: 230472
Ion Ratio Lower Upper
164 100
162 104.9 81.6 122.4
160 46.8 36.4 54.6

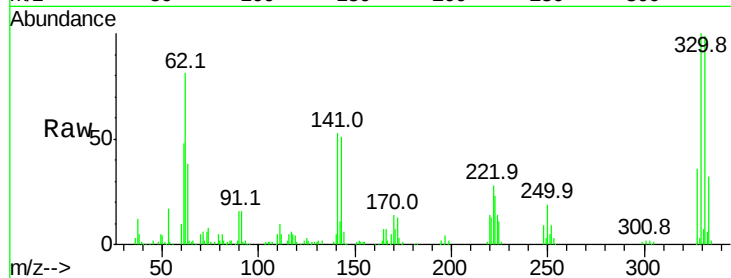




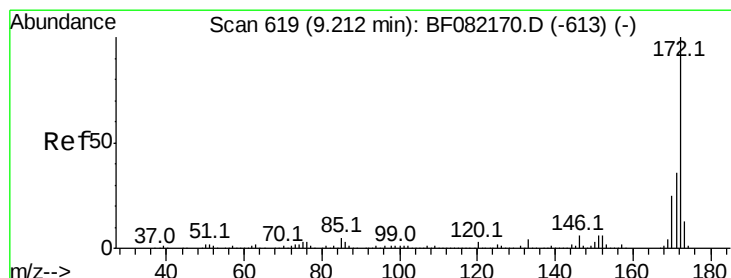
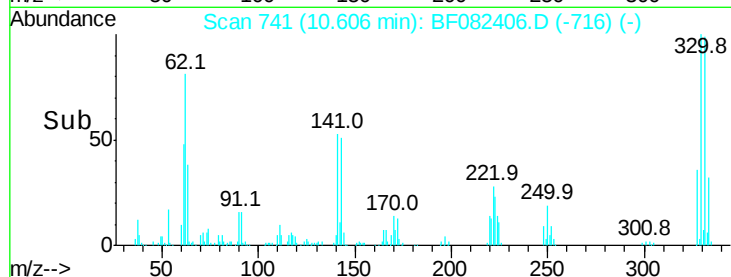
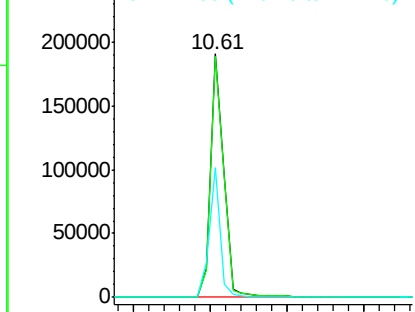
#41
 2,4,6-Tribromophenol
 Concen: 103.74 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082406.D
 Acq: 21 Oct 2015 16:08

Instrument :
 BNA_F
 ClientSampleId :
 20151013MGP208BRV68

Tot Ion:330 Resp: 224220
 Ion Ratio Lower Upper
 330 100
 332 99.1 77.1 115.7
 141 44.8 29.8 44.8#

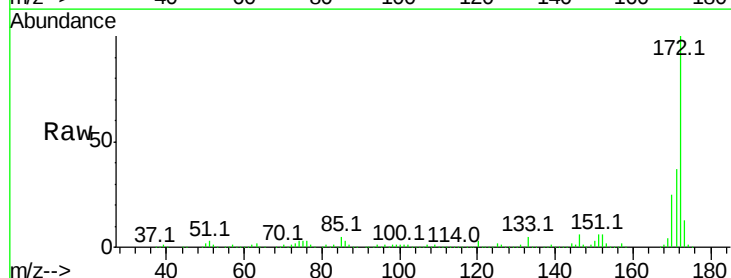


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

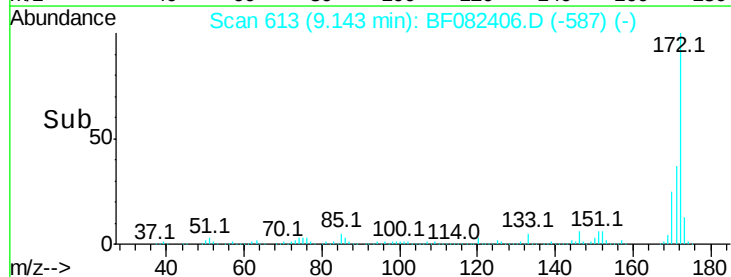
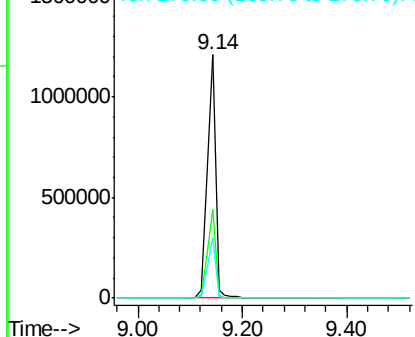


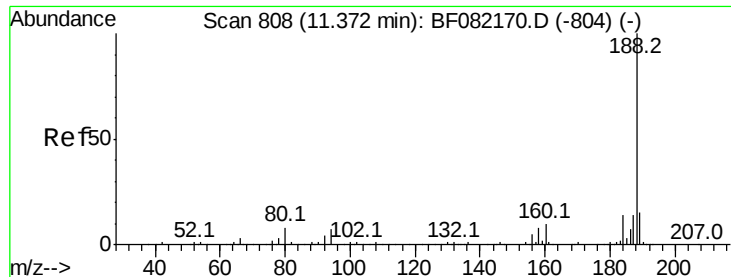
#44
 2-Fluorobiphenyl
 Concen: 93.91 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082406.D
 Acq: 21 Oct 2015 16:08

Tgt Ion:172 Resp: 1305179
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.6 42.8
 170 24.9 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: BF082406.D

Acq: 21 Oct 2015 16:08

Instrument :

BNA_F

ClientSampleId :

20151013MGP208BRV68

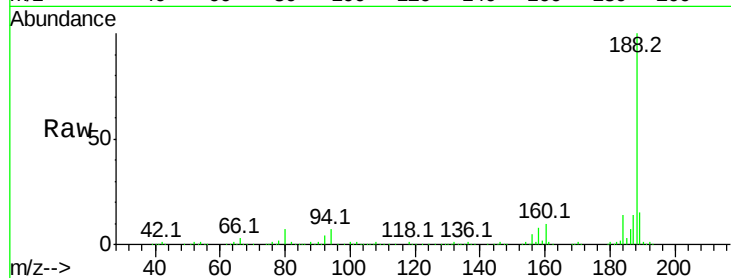
Tot Ion:188 Resp: 473021

Ion Ratio Lower Upper

188 100

94 7.0 5.8 8.6

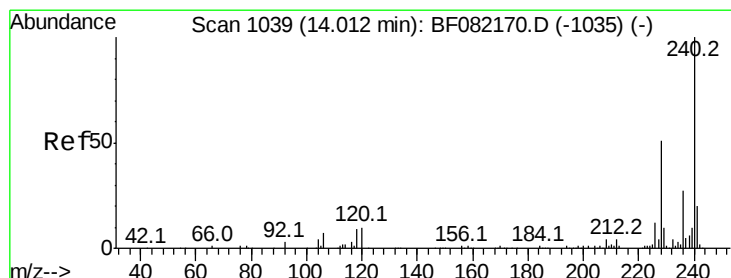
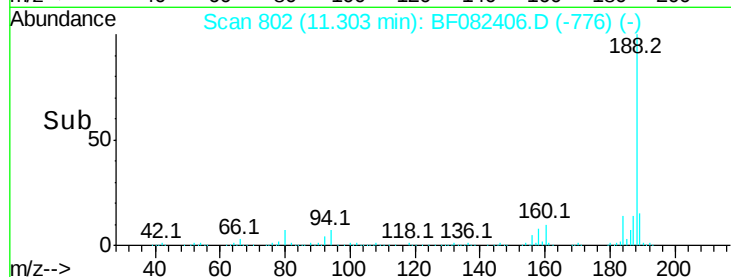
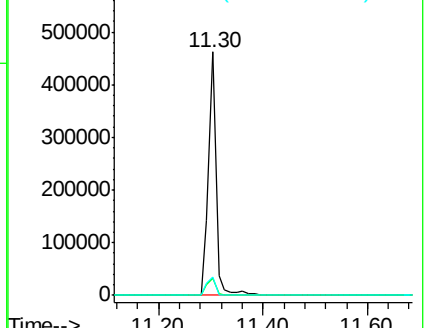
80 7.4 6.4 9.6



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: 14.00 min Scan# 1038

Delta R.T. -0.01 min

Lab File: BF082406.D

Acq: 21 Oct 2015 16:08

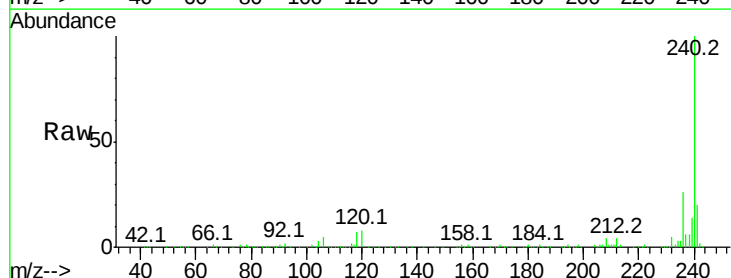
Tgt Ion:240 Resp: 398752

Ion Ratio Lower Upper

240 100

120 7.9 8.1 12.1#

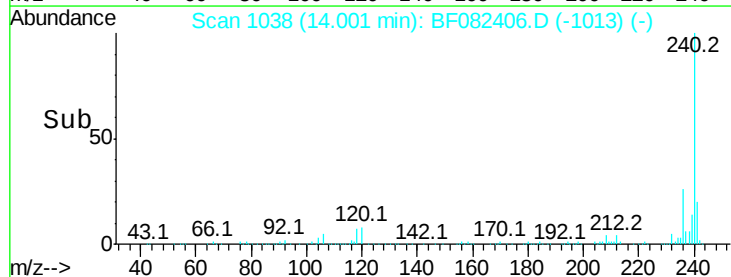
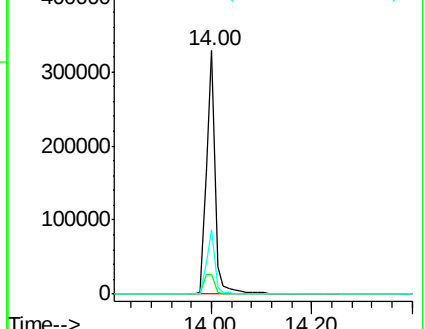
236 26.3 21.3 31.9

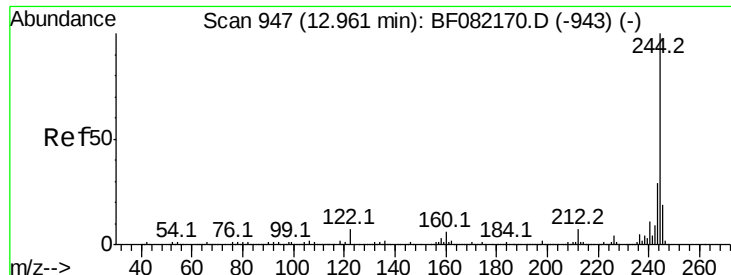


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 78.41 ng

RT: 12.90 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF082406.D

Acq: 21 Oct 2015 16:08

Instrument :

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ClientSampleId :

20151013MGP208BRV68

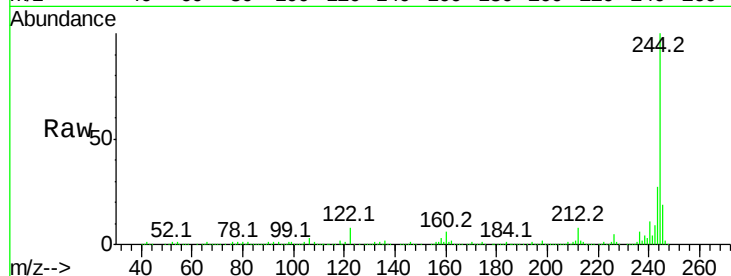
Tot Ion:244 Resp: 1179844

Ion Ratio Lower Upper

244 100

212 7.8 5.8 8.6

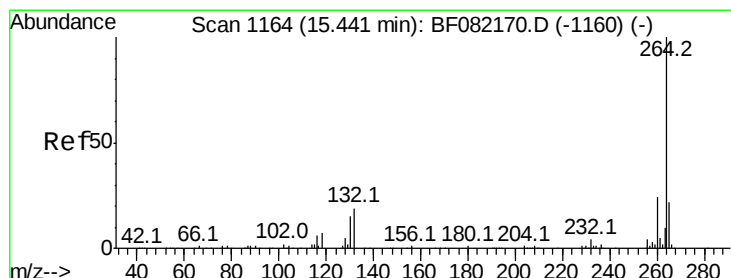
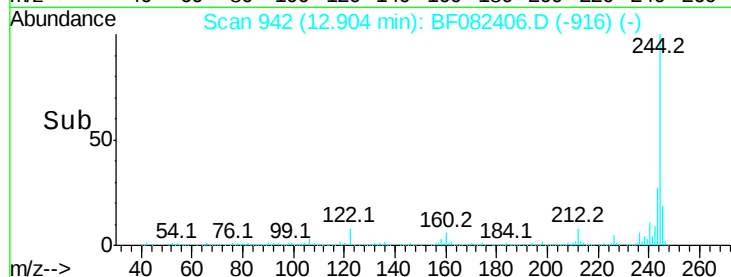
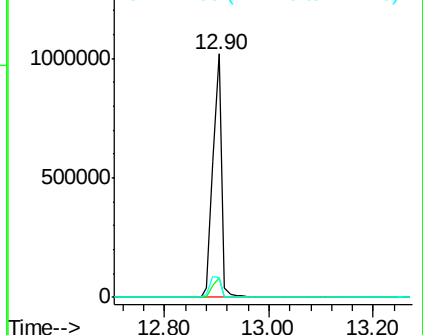
122 7.9 5.9 8.9



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: 15.53 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF082406.D

Acq: 21 Oct 2015 16:08

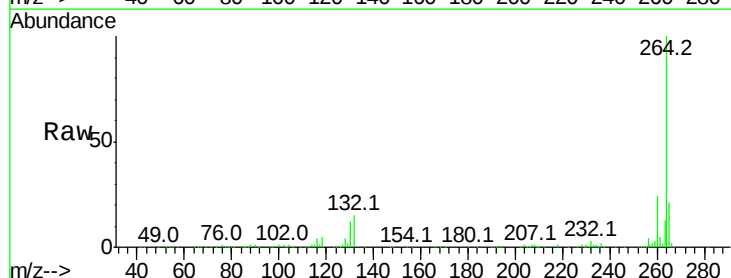
Tgt Ion:264 Resp: 305070

Ion Ratio Lower Upper

264 100

260 23.8 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

