

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082800.D
 Acq On : 7 Nov 2015 10:07
 Operator : UM/IZ
 Sample : G4246-04
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 T-12L

Quant Time: Nov 09 00:29:14 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

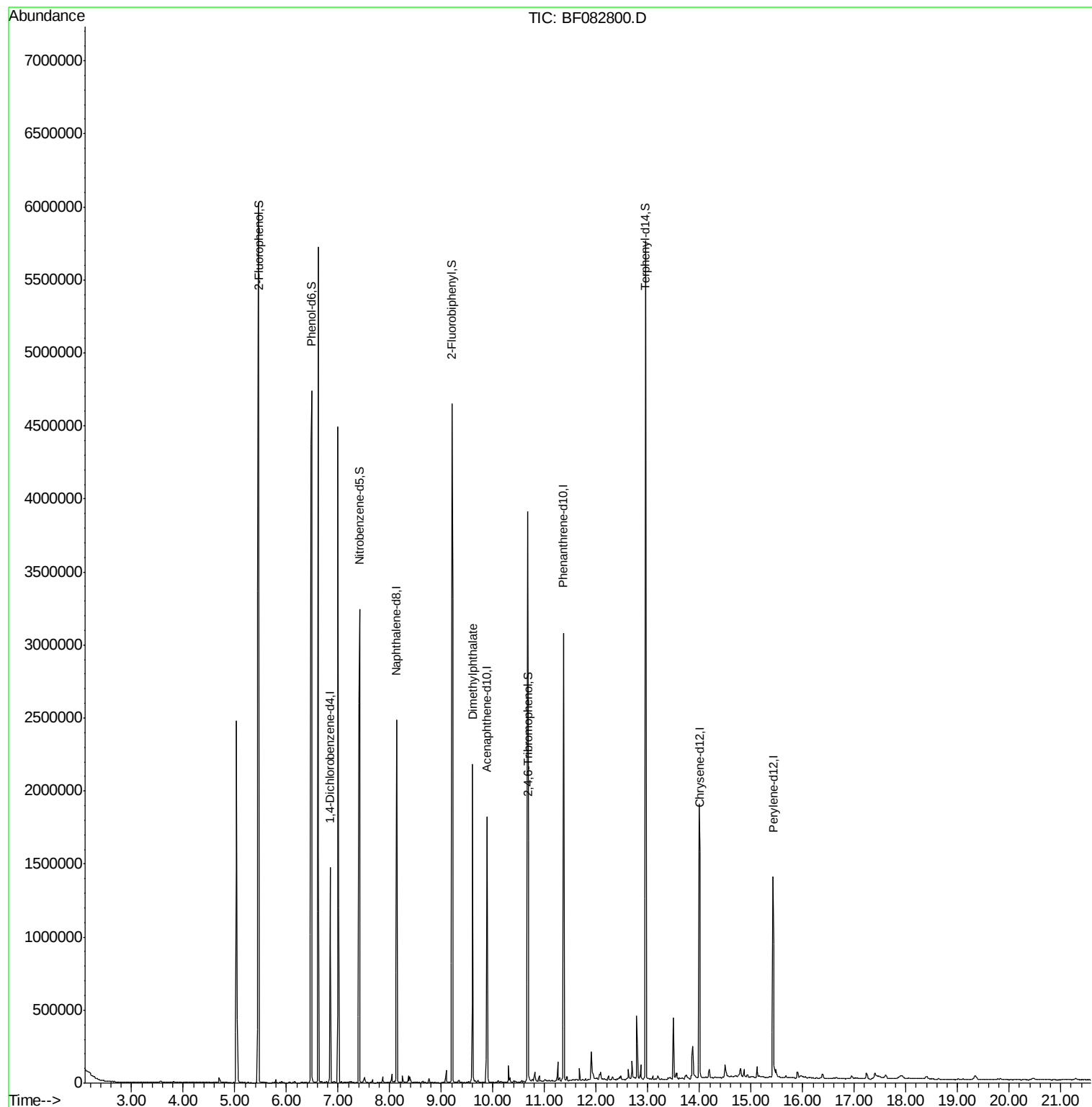
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	274664	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1092891	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	545631	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	1015607	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	899049	20.00	ng	-0.01
86) Perylene-d12	15.43	264	700250	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1819573	103.08	ng	0.01
7) Phenol-d6	6.49	99	2518058	107.30	ng	0.01
23) Nitrobenzene-d5	7.41	82	1554277	61.88	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	540029	86.32	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	2022194	53.12	ng	-0.01
78) Terphenyl-d14	12.96	244	1650796	43.55	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.61	163	863624	19.32	ng	Qvalue 99

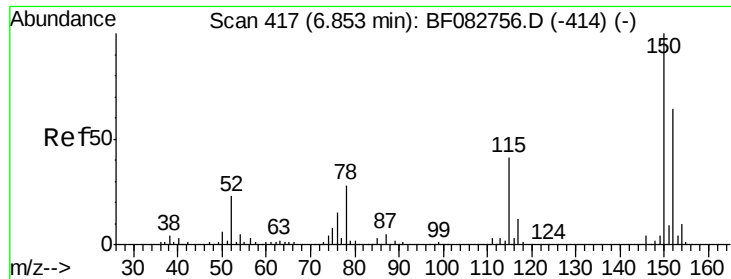
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF082800.D

Acq: 7 Nov 2015 10:07

Instrument :

BNA_F

ClientSampleId :

T-12L

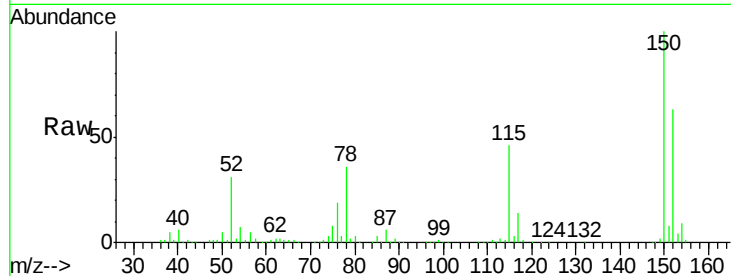
Tot Ion:152 Resp: 274664

Ion Ratio Lower Upper

152 100

150 158.8 127.0 190.4

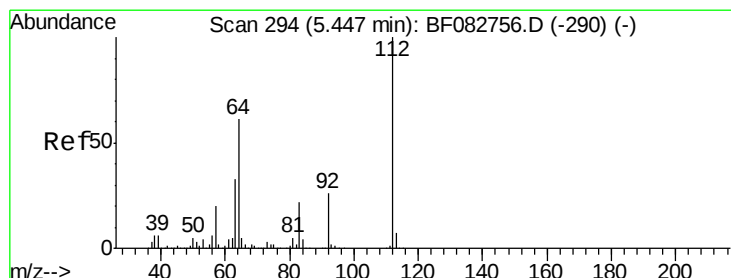
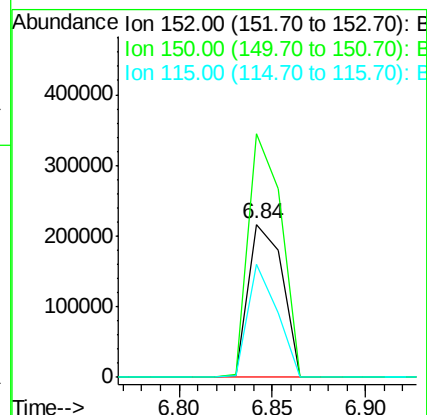
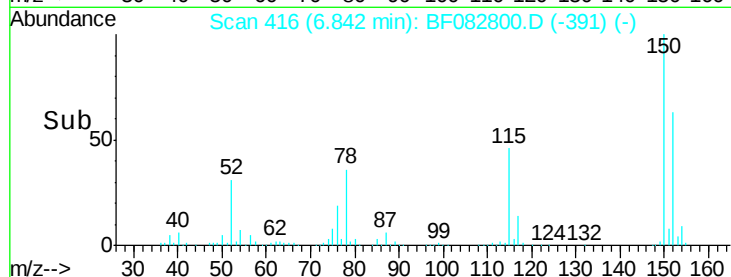
115 73.8 47.0 70.6#



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: 103.08 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082800.D

Acq: 7 Nov 2015 10:07

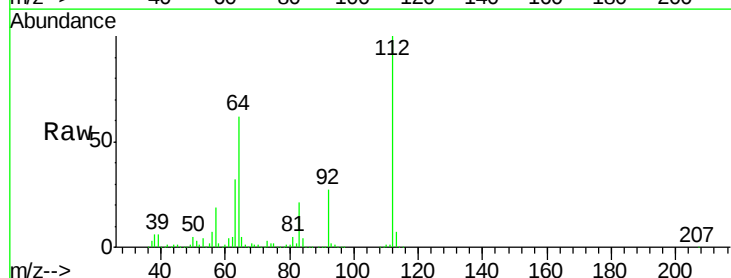
Tgt Ion:112 Resp: 1819573

Ion Ratio Lower Upper

112 100

64 62.2 48.9 73.3

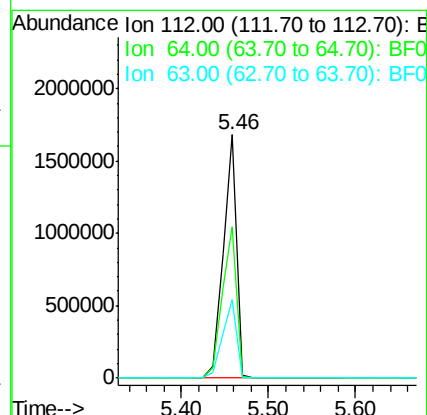
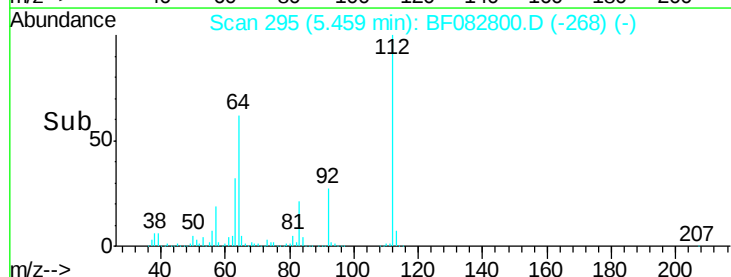
63 32.2 28.1 42.1



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: 107.30 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.01 min

Lab File: BF082800.D

Acq: 7 Nov 2015 10:07

Instrument :

BNA_F

ClientSampleId :

T-12L

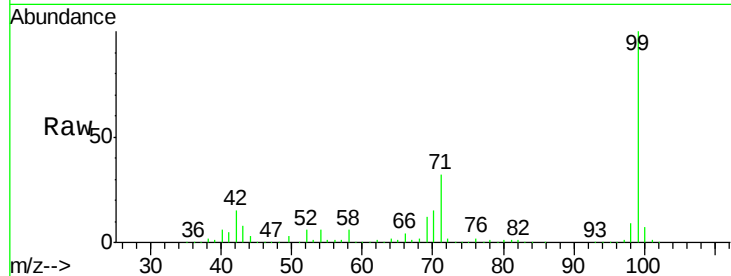
Tot Ion: 99 Resp: 2518058

Ion Ratio Lower Upper

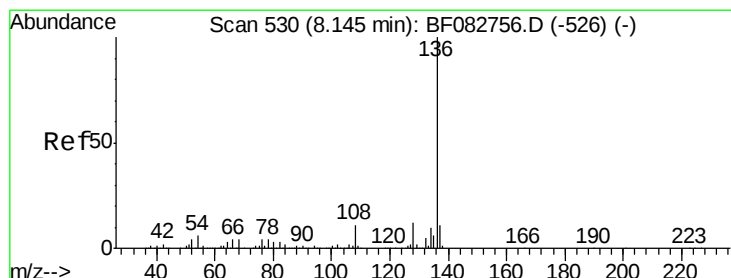
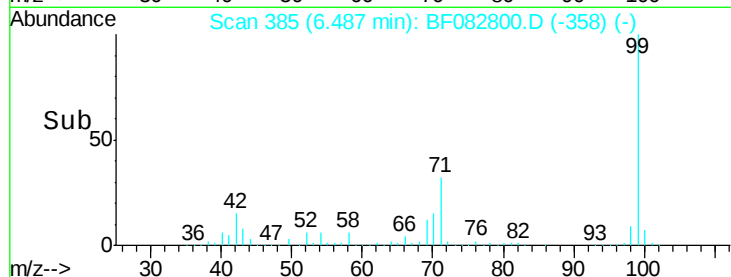
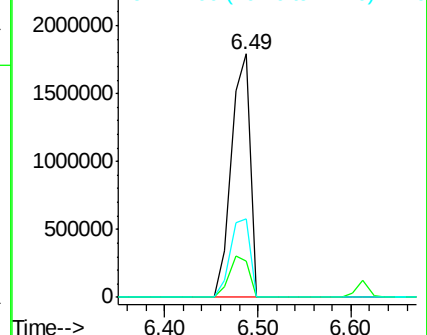
99 100

42 14.7 19.2 28.8#

71 32.3 35.0 52.4#



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: 8.13 min Scan# 529

Delta R.T. -0.01 min

Lab File: BF082800.D

Acq: 7 Nov 2015 10:07

Tgt Ion: 136 Resp: 1092891

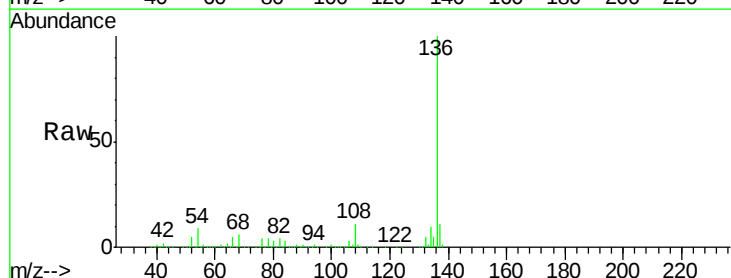
Ion Ratio Lower Upper

136 100

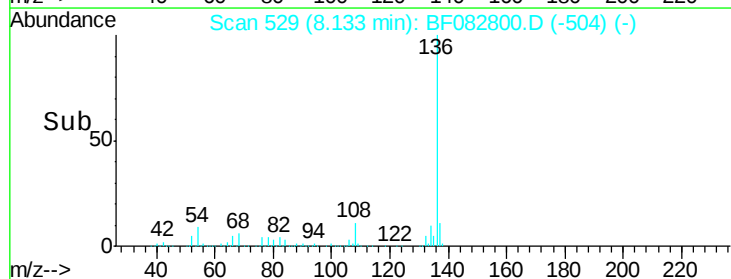
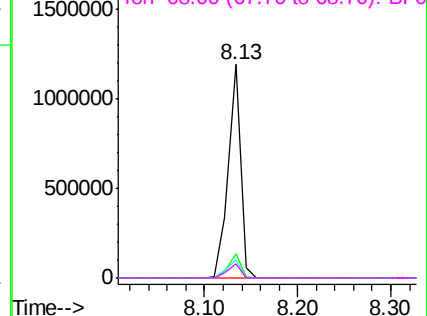
137 11.5 9.1 13.7

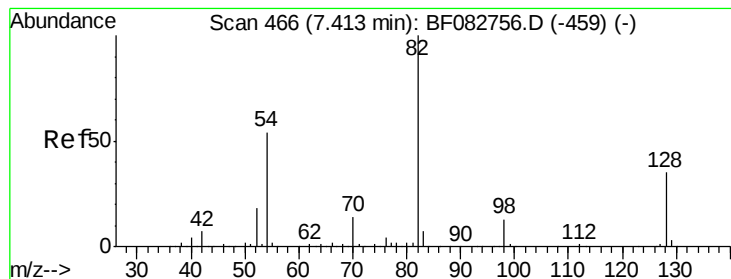
54 8.6 9.1 13.7#

68 6.4 4.8 7.2



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: 61.88 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082800.D

Acq: 7 Nov 2015 10:07

Instrument :

BNA_F

ClientSampleId :

T-12L

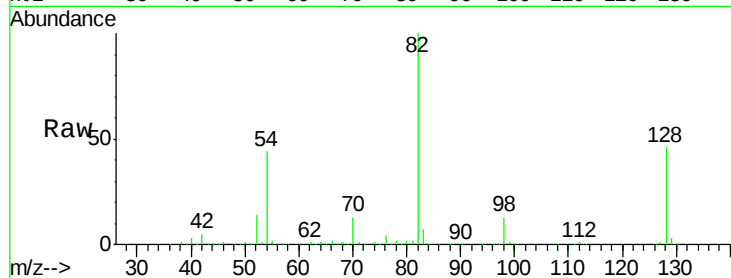
Tot Ion: 82 Resp: 1554277

Ion Ratio Lower Upper

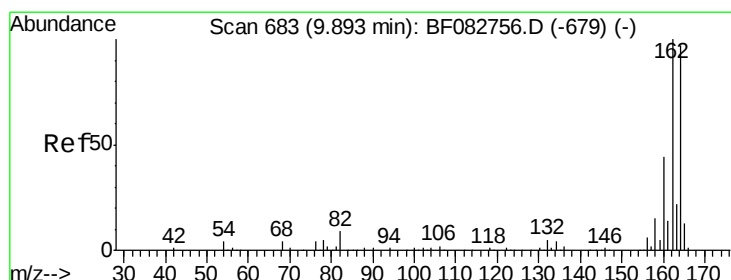
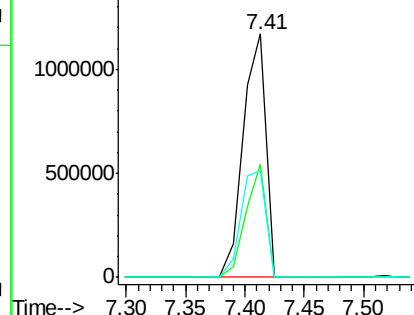
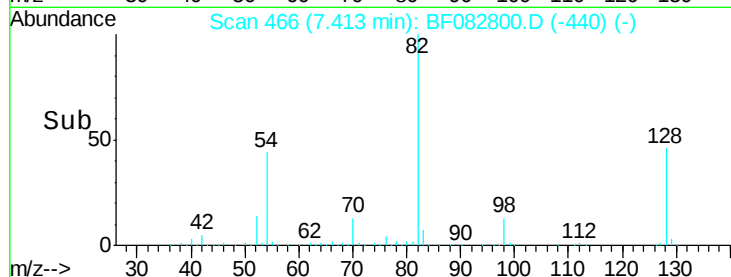
82 100

128 46.2 26.8 40.2#

54 44.0 45.7 68.5#



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: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF082800.D

Acq: 7 Nov 2015 10:07

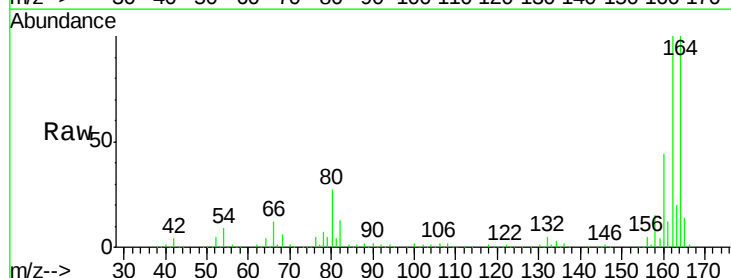
Tgt Ion:164 Resp: 545631

Ion Ratio Lower Upper

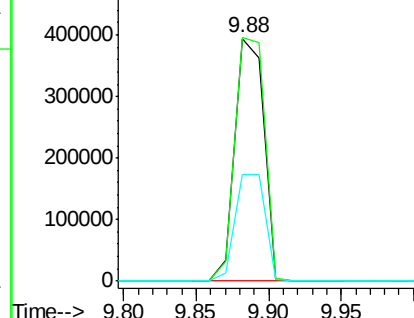
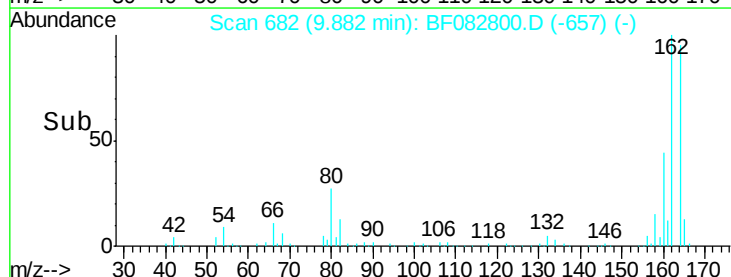
164 100

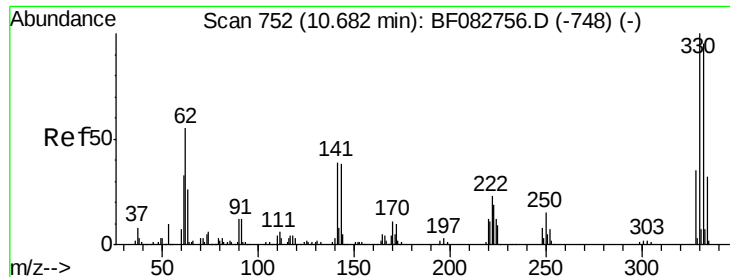
162 100.4 84.9 127.3

160 43.8 37.5 56.3



Abundance Ion 164.00 (163.70 to 164.70): B
Ion 162.00 (161.70 to 162.70): B
Ion 160.00 (159.70 to 160.70): B

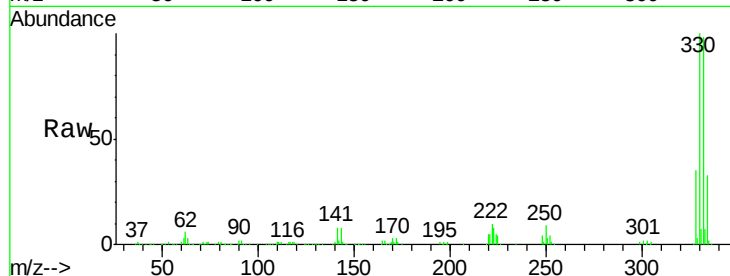




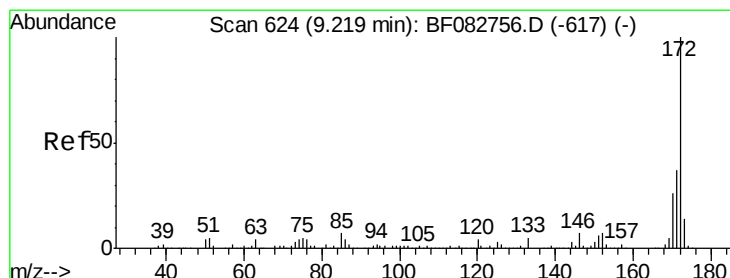
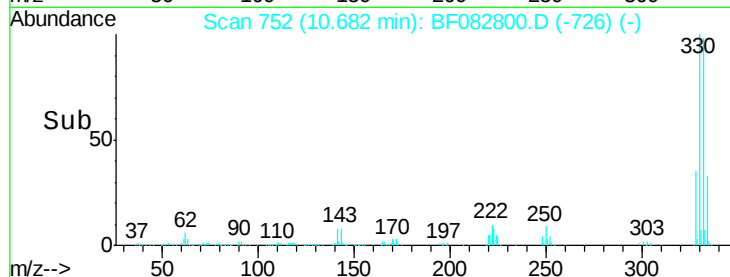
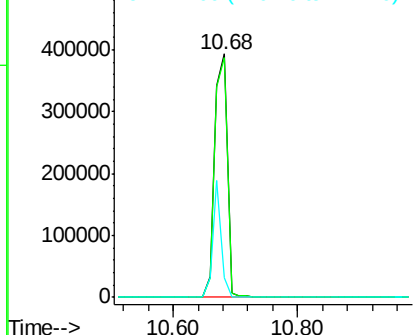
#41
 2,4,6-Tribromophenol
 Concen: 86.32 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF082800.D
 Acq: 7 Nov 2015 10:07

Instrument :
 BNA_F
 ClientSampled :
 T-12L

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	76.6	114.8
141	32.8	41.2	61.8#

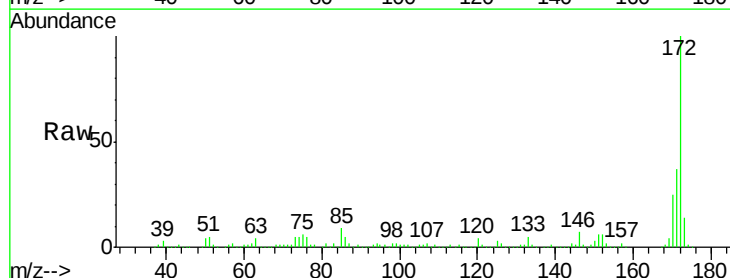


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

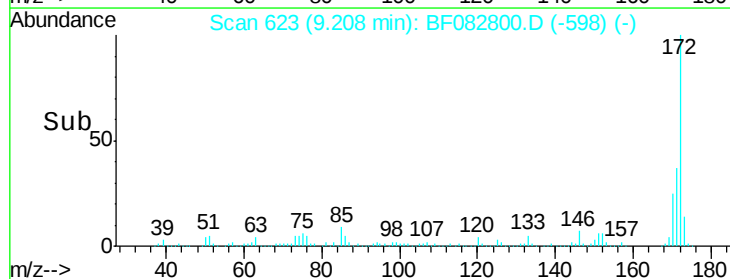
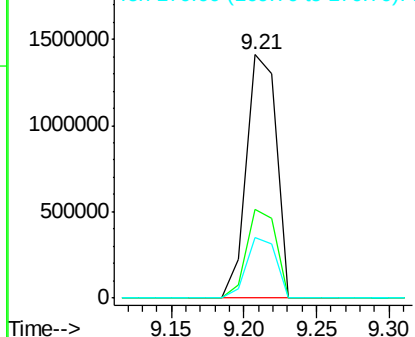


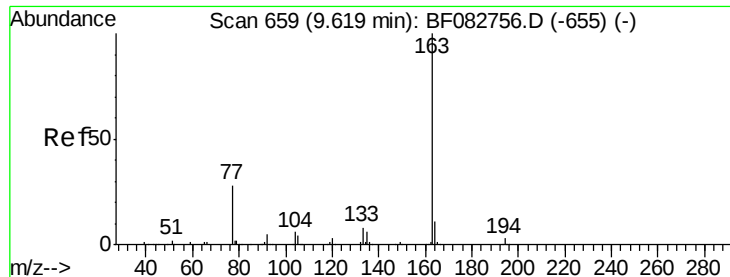
#44
 2-Fluorobiphenyl
 Concen: 53.12 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF082800.D
 Acq: 7 Nov 2015 10:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.8	46.2
170	24.7	21.2	31.8



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

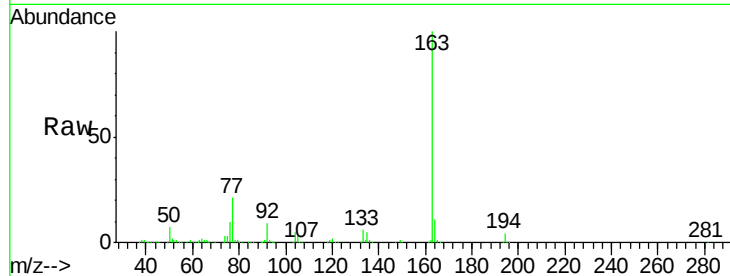




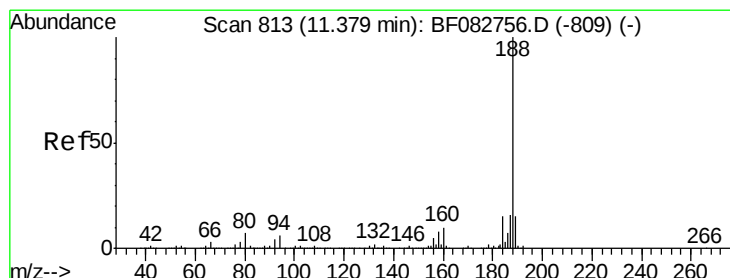
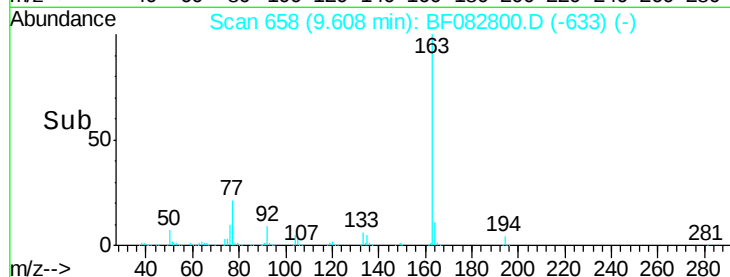
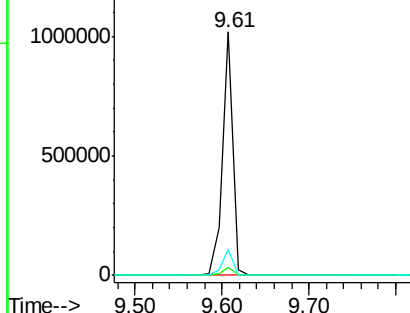
#49
Dimethylphthalate
Concen: 19.32 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF082800.D
Acq: 7 Nov 2015 10:07

Instrument :
BNA_F
ClientSampleId :
T-12L

Tot Ion:163 Resp: 863624
Ion Ratio Lower Upper
163 100
194 3.5 2.6 4.0
164 10.5 8.7 13.1

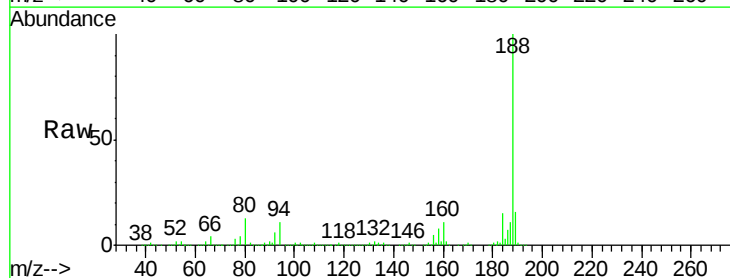


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

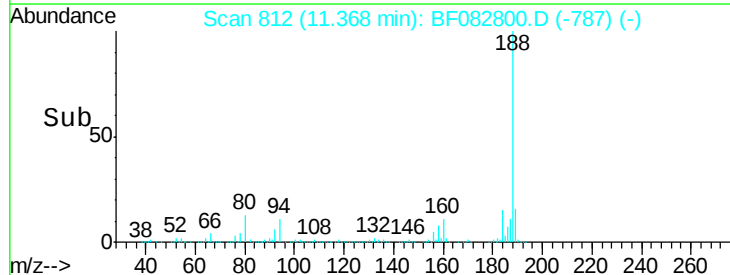
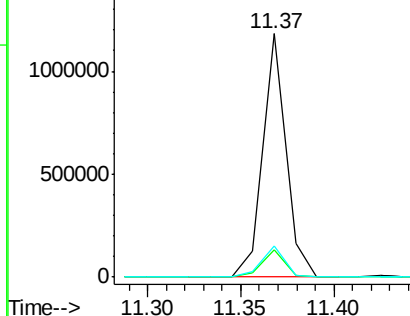


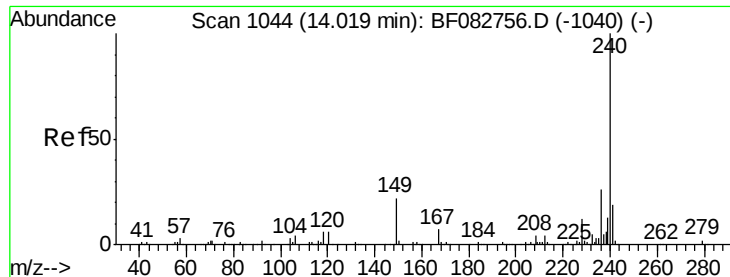
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF082800.D
Acq: 7 Nov 2015 10:07

Tgt Ion:188 Resp: 1015607
Ion Ratio Lower Upper
188 100
94 11.1 6.1 9.1#
80 12.5 7.0 10.6#



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# 1043

Delta R.T. -0.01 min

Lab File: BF082800.D

Acq: 7 Nov 2015 10:07

Instrument :

BNA_F

ClientSampleId :

T-12L

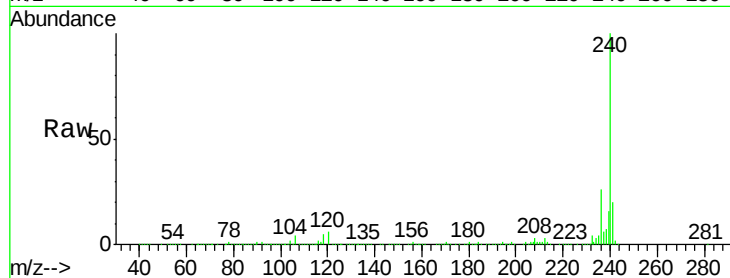
Tot Ion:240 Resp: 899049

Ion Ratio Lower Upper

240 100

120 5.9 10.9 16.3#

236 26.4 21.6 32.4



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

800000

600000

400000

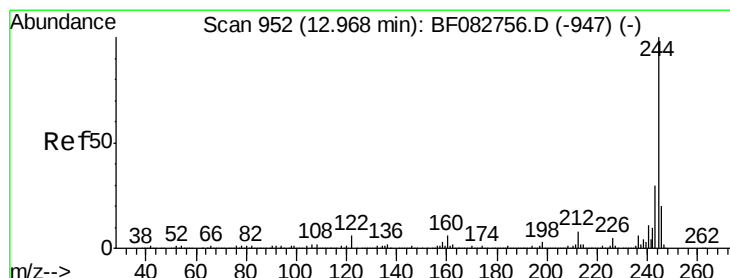
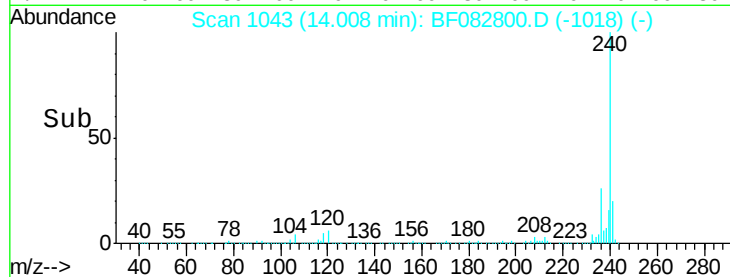
200000

0

14.01

13.90 14.00 14.10 14.20

Time-->



#78

Terphenyl-d14

Concen: 43.55 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082800.D

Acq: 7 Nov 2015 10:07

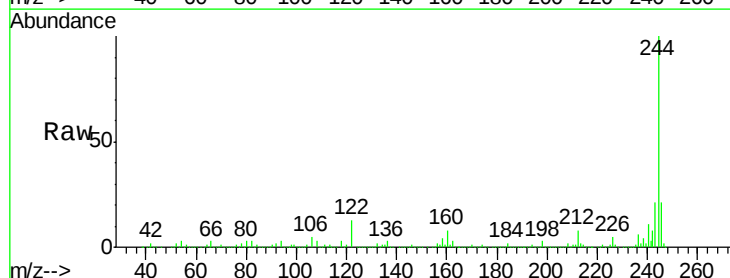
Tgt Ion:244 Resp: 1650796

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

122 12.7 11.3 16.9



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

2500000

2000000

1500000

1000000

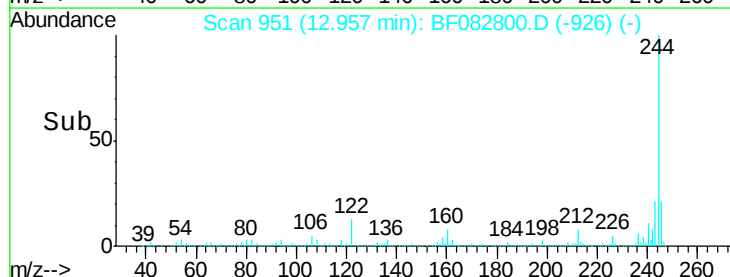
500000

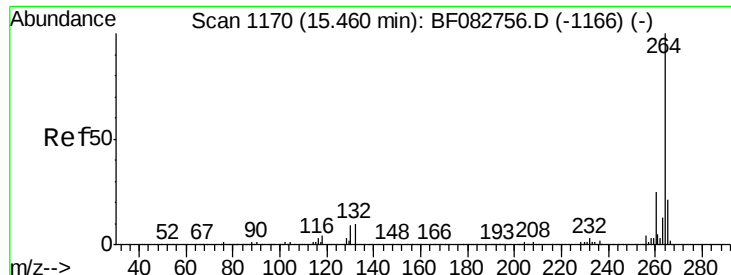
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12.96

12.90 13.00

Time-->

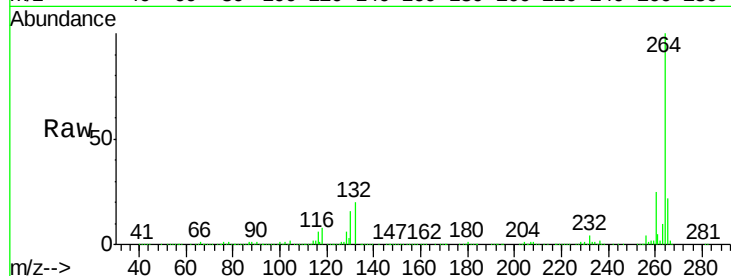




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF082800.D
Acq: 7 Nov 2015 10:07

Instrument :
BNA_F
ClientSampleId :
T-12L

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	22.3	17.4	26.0



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

