

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082782.D
 Acq On : 7 Nov 2015 1:18
 Operator : UM/IZ
 Sample : G4258-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-2(0-2)

Quant Time: Nov 07 03:54:18 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

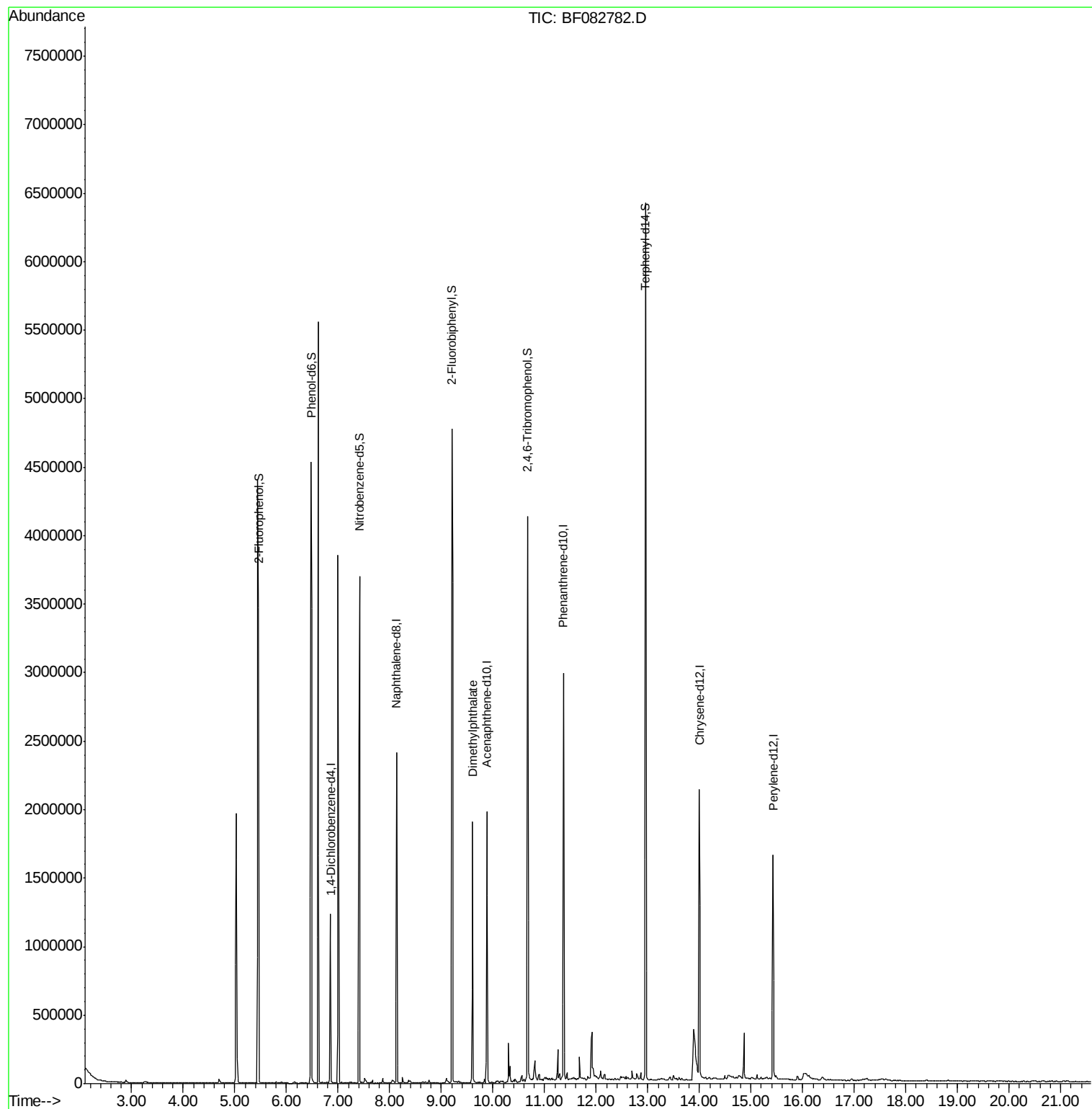
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	259865	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	1023387	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	506926	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	998720	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	885257	20.00	ng	-0.02
86) Perylene-d12	15.43	264	765507	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1730202	103.59	ng	0.01
7) Phenol-d6	6.48	99	2365522	106.54	ng	0.00
23) Nitrobenzene-d5	7.41	82	1616960	68.75	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	521269	89.68	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	2145578	60.66	ng	-0.01
78) Terphenyl-d14	12.96	244	1904872	51.04	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.61	163	834938	20.10	ng	Qvalue 99

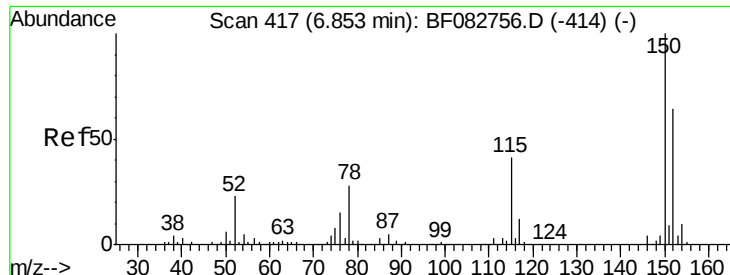
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.85 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF082782.D

Acq: 7 Nov 2015 1:18

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-2(0-2)

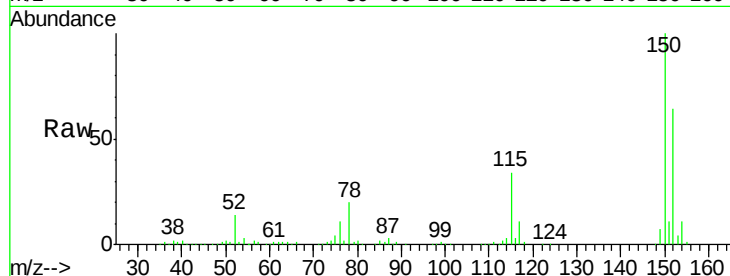
Tot Ion:152 Resp: 259865

Ion Ratio Lower Upper

152 100

150 155.5 127.0 190.4

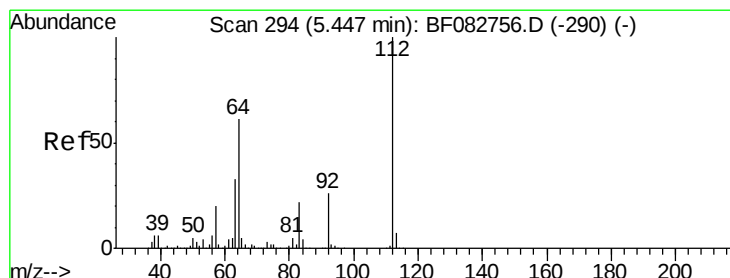
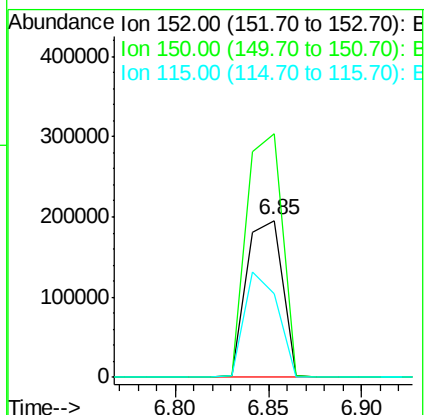
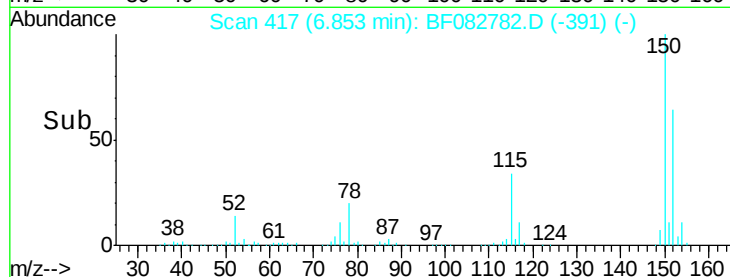
115 53.4 47.0 70.6



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: 103.59 ng

RT: 5.46 min Scan# 295

Delta R.T. 0.01 min

Lab File: BF082782.D

Acq: 7 Nov 2015 1:18

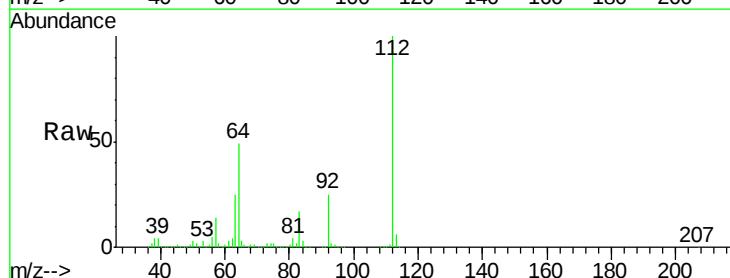
Tgt Ion:112 Resp: 1730202

Ion Ratio Lower Upper

112 100

64 48.9 48.9 73.3

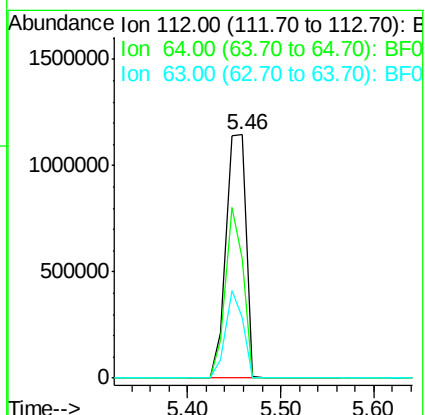
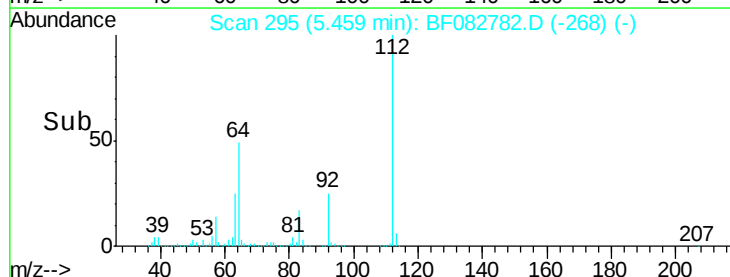
63 24.9 28.1 42.1#



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: 106.54 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082782.D

Acq: 7 Nov 2015 1:18

Instrument :

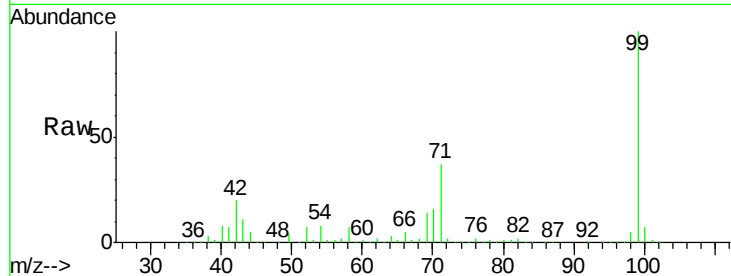
BNA_F

ClientSampleId :

COFF-WP11-2(0-2)

Tot Ion: 99 Resp: 236522

Ion	Ratio	Lower	Upper
99	100		
42	19.9	19.2	28.8
71	36.7	35.0	52.4

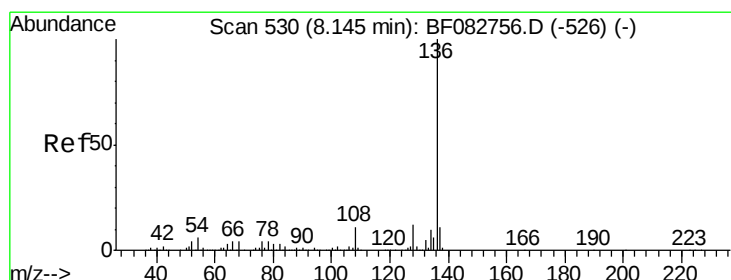
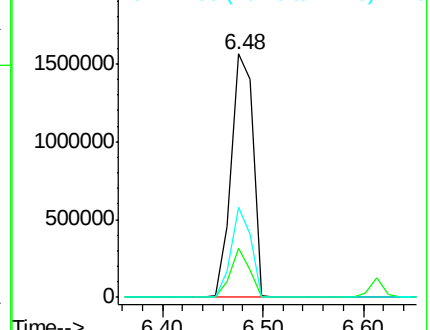
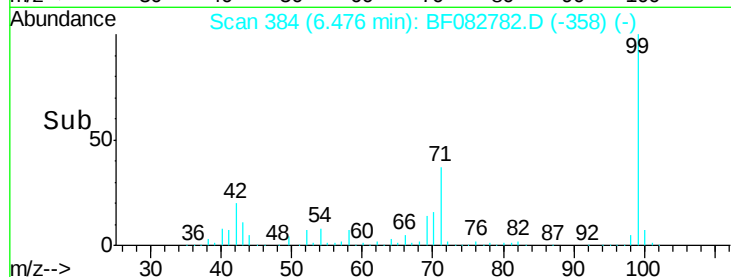


Abundance

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

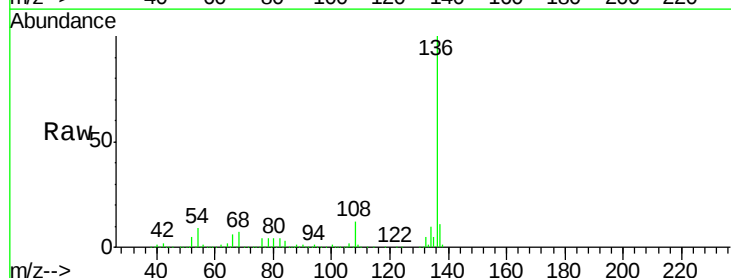
Delta R.T. -0.01 min

Lab File: BF082782.D

Acq: 7 Nov 2015 1:18

Tgt Ion: 136 Resp: 1023387

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.9	9.1	13.7#
68	6.7	4.8	7.2



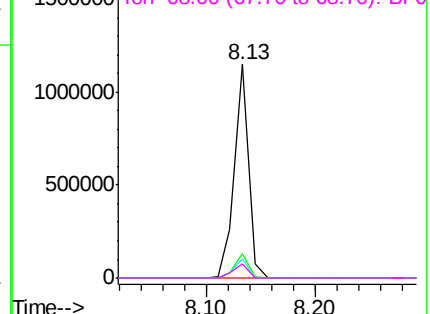
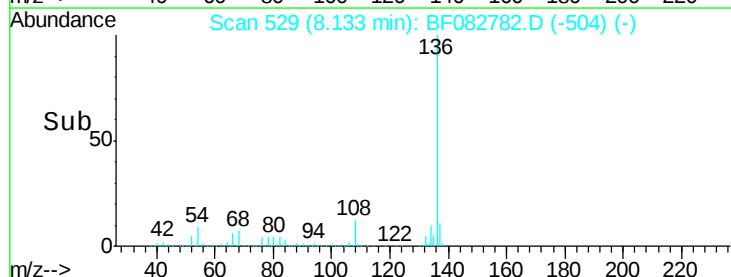
Abundance

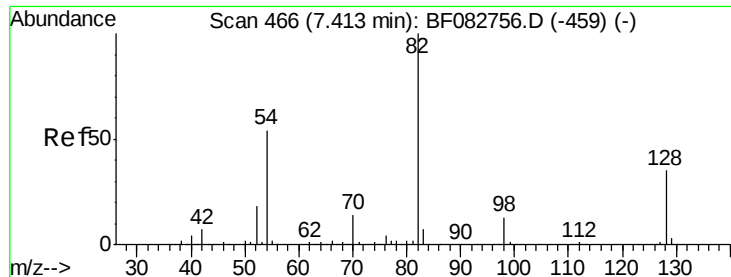
Ion 136.00 (135.70 to 136.70): E

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: 68.75 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082782.D

Acq: 7 Nov 2015 1:18

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-2(0-2)

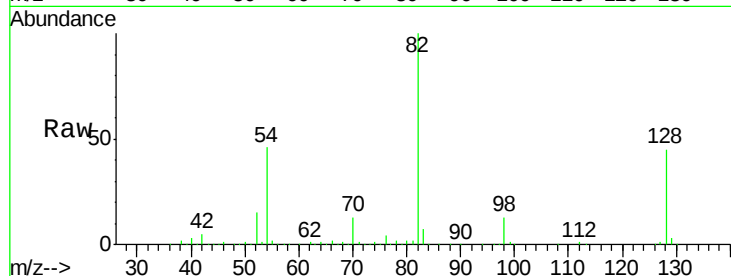
Tot Ion: 82 Resp: 1616960

Ion Ratio Lower Upper

82 100

128 44.6 26.8 40.2#

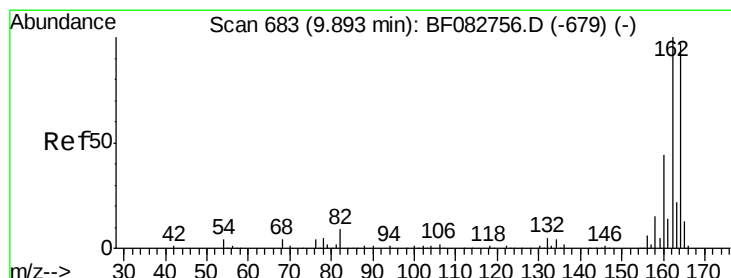
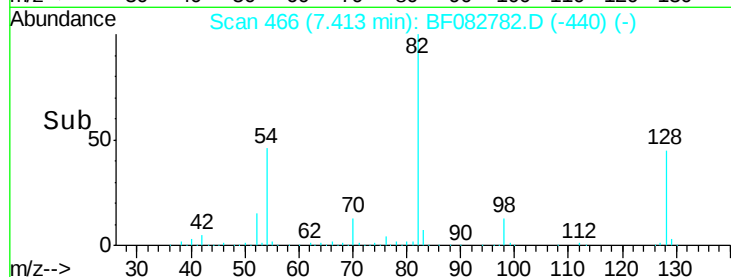
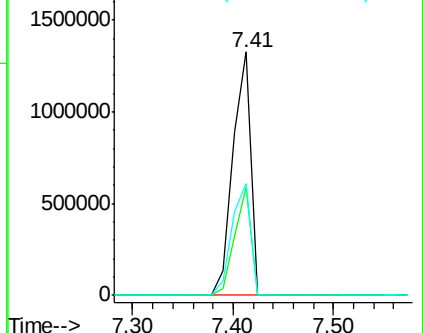
54 45.7 45.7 68.5



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

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: BF082782.D

Acq: 7 Nov 2015 1:18

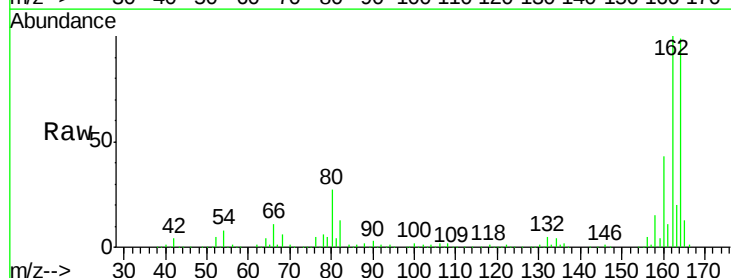
Tgt Ion:164 Resp: 506926

Ion Ratio Lower Upper

164 100

162 101.3 84.9 127.3

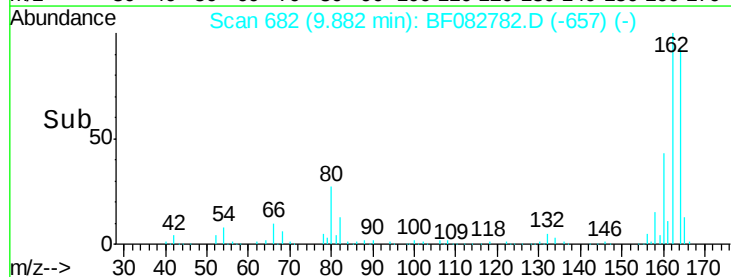
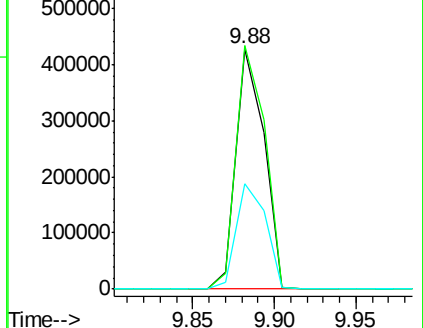
160 43.9 37.5 56.3

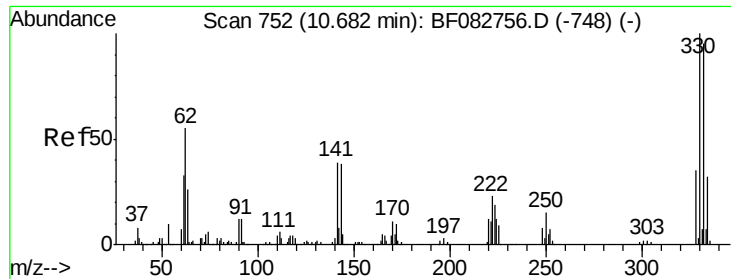


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

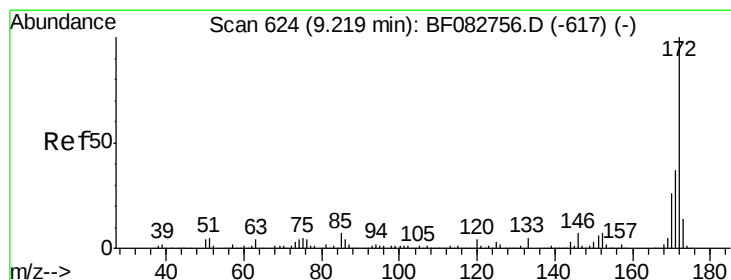
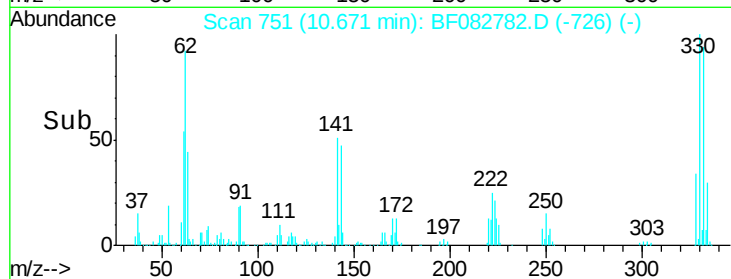
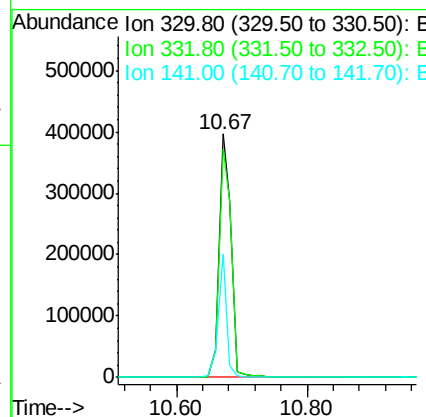
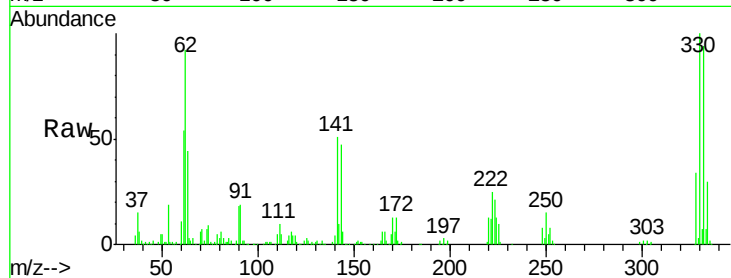




#41
 2,4,6-Tribromophenol
 Concen: 89.68 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082782.D
 Acq: 7 Nov 2015 1:18

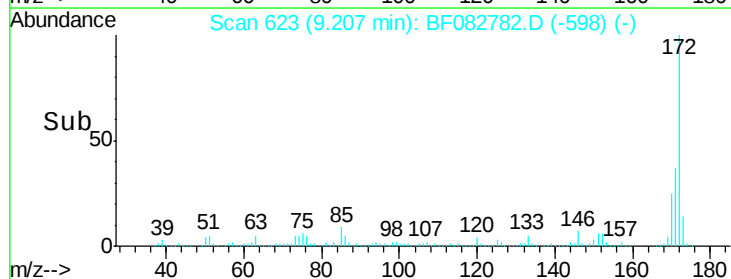
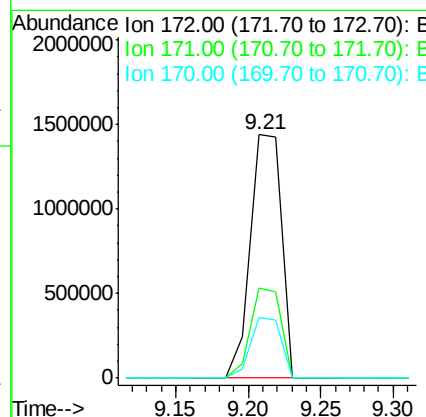
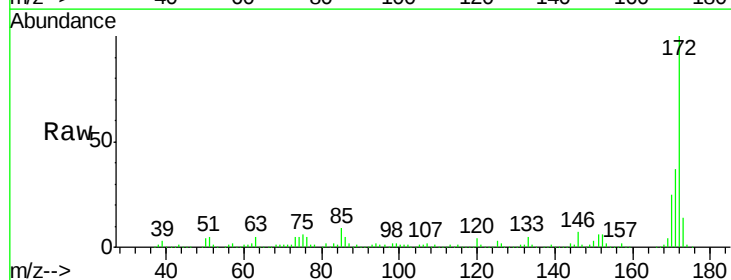
Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-2(0-2)

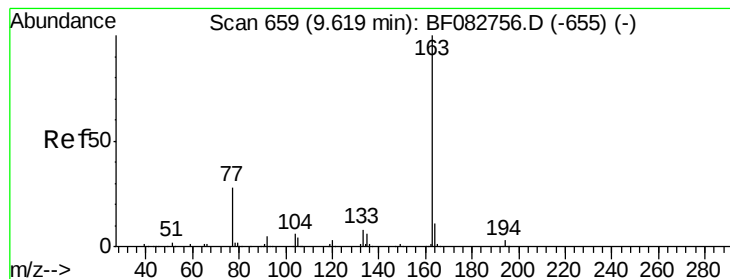
Tot Ion:330 Resp: 521269
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 114.8
 141 36.1 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 60.66 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF082782.D
 Acq: 7 Nov 2015 1:18

Tgt Ion:172 Resp: 2145578
 Ion Ratio Lower Upper
 172 100
 171 36.9 30.8 46.2
 170 25.0 21.2 31.8





#49

Dimethylphthalate

Concen: 20.10 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF082782.D

Acq: 7 Nov 2015 1:18

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-2(0-2)

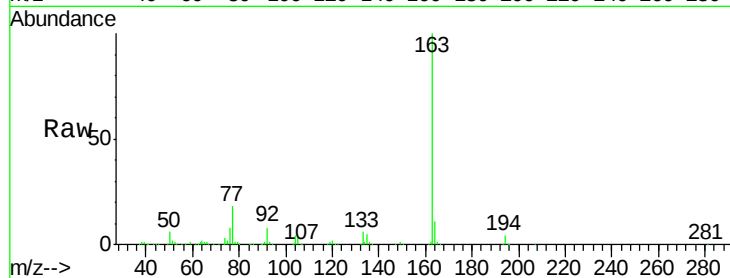
Tot Ion:163 Resp: 834938

Ion Ratio Lower Upper

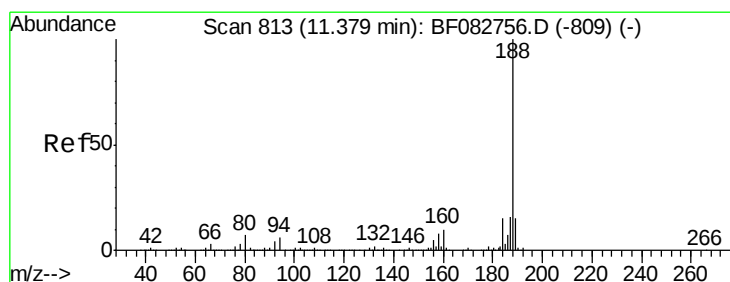
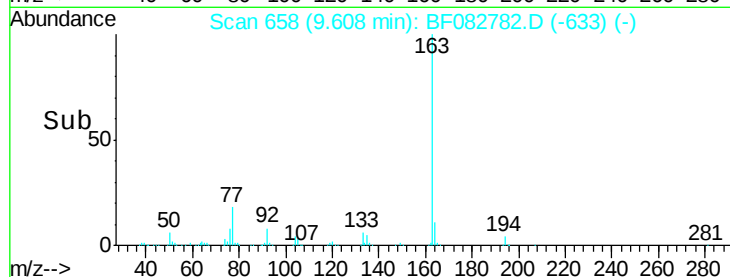
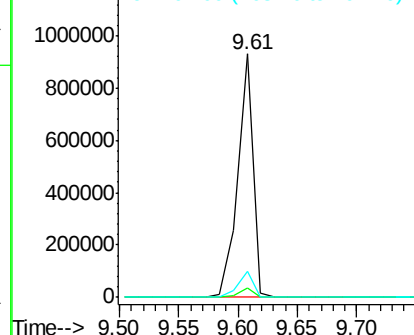
163 100

194 3.8 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: BF082782.D

Acq: 7 Nov 2015 1:18

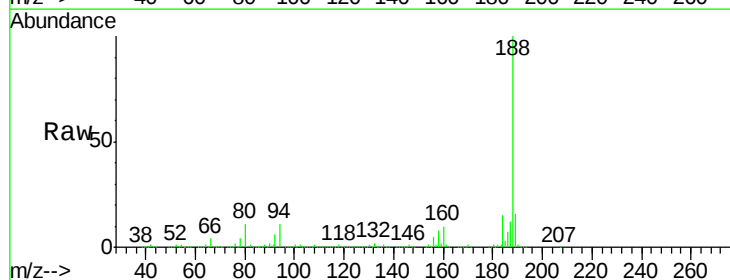
Tgt Ion:188 Resp: 998720

Ion Ratio Lower Upper

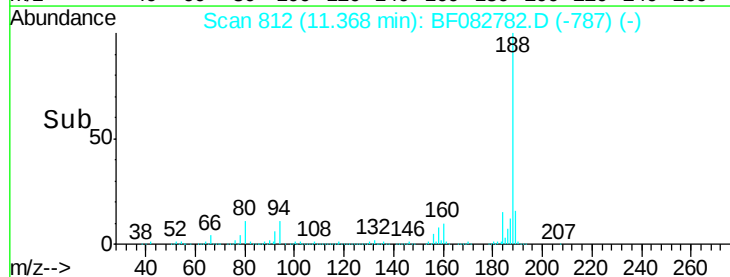
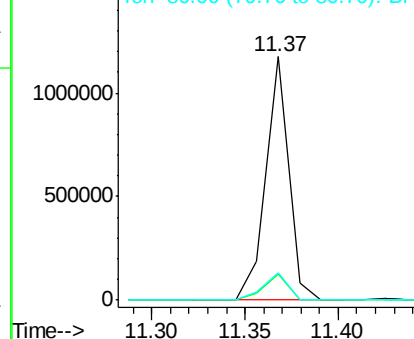
188 100

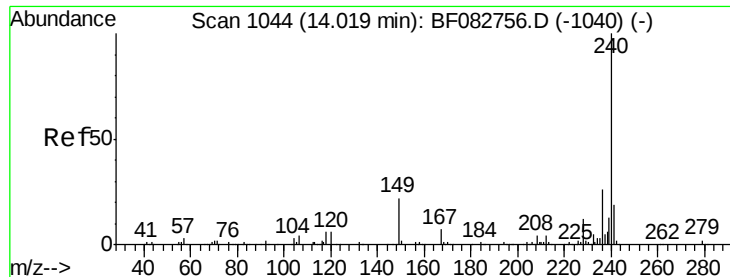
94 10.6 6.1 9.1#

80 11.4 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: 14.00 min Scan# 1042

Delta R.T. -0.02 min

Lab File: BF082782.D

Acq: 7 Nov 2015 1:18

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-2(0-2)

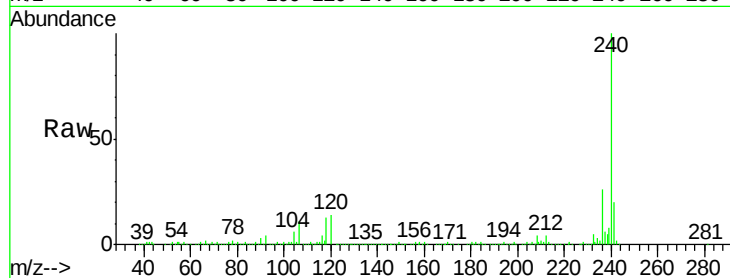
Tot Ion:240 Resp: 885257

Ion Ratio Lower Upper

240 100

120 14.5 10.9 16.3

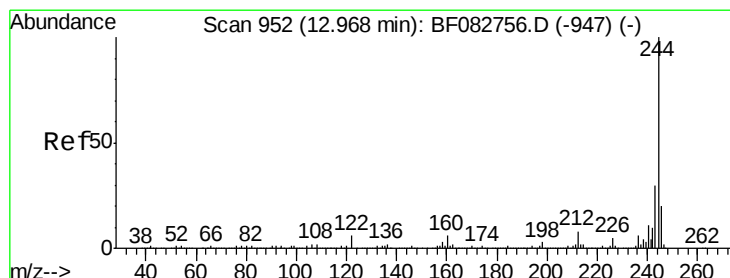
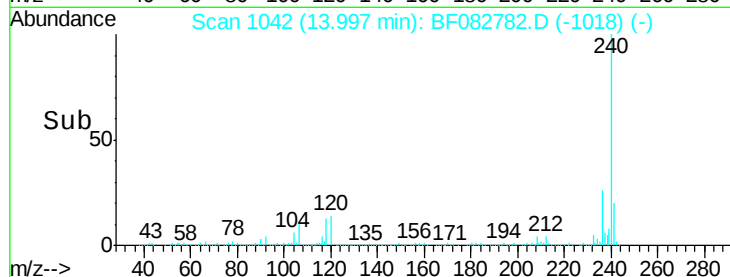
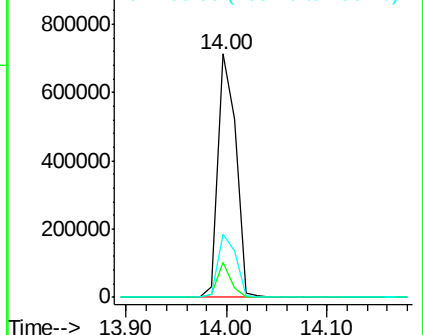
236 26.1 21.6 32.4



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



#78

Terphenyl-d14

Concen: 51.04 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082782.D

Acq: 7 Nov 2015 1:18

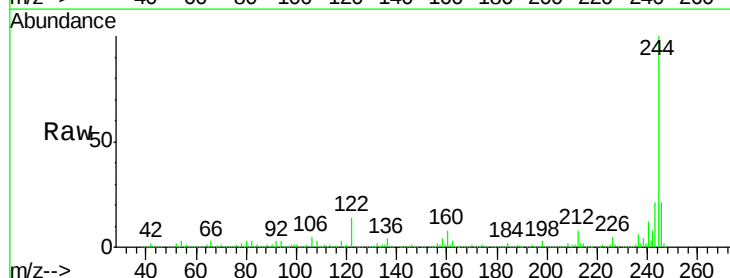
Tgt Ion:244 Resp: 1904872

Ion Ratio Lower Upper

244 100

212 8.4 7.6 11.4

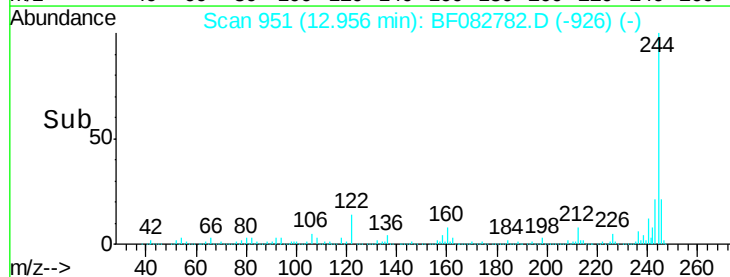
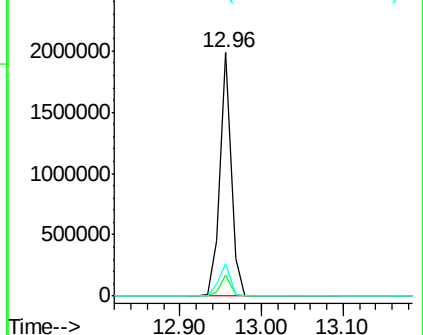
122 13.6 11.3 16.9

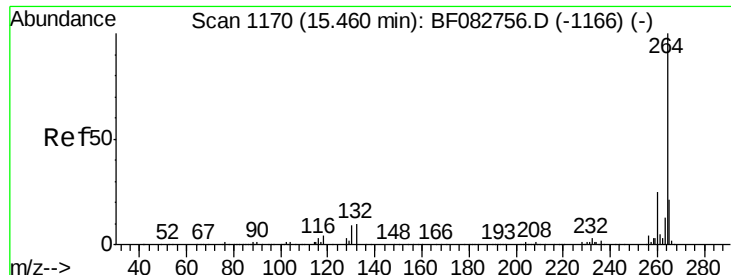


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

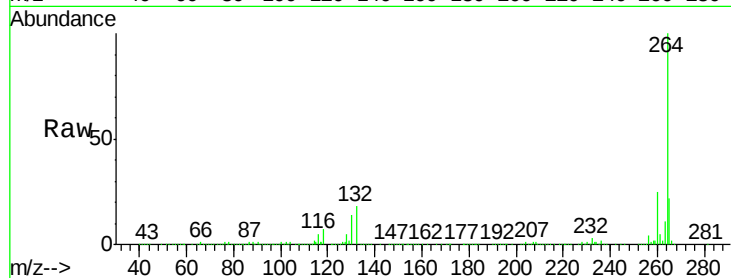




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF082782.D
Acq: 7 Nov 2015 1:18

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-2(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.8	29.6
265	22.1	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

