

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110815\
 Data File : BF082790.D
 Acq On : 7 Nov 2015 5:13
 Operator : UM/IZ
 Sample : G4258-11
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-6(0-2)

Quant Time: Nov 07 06:00:17 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

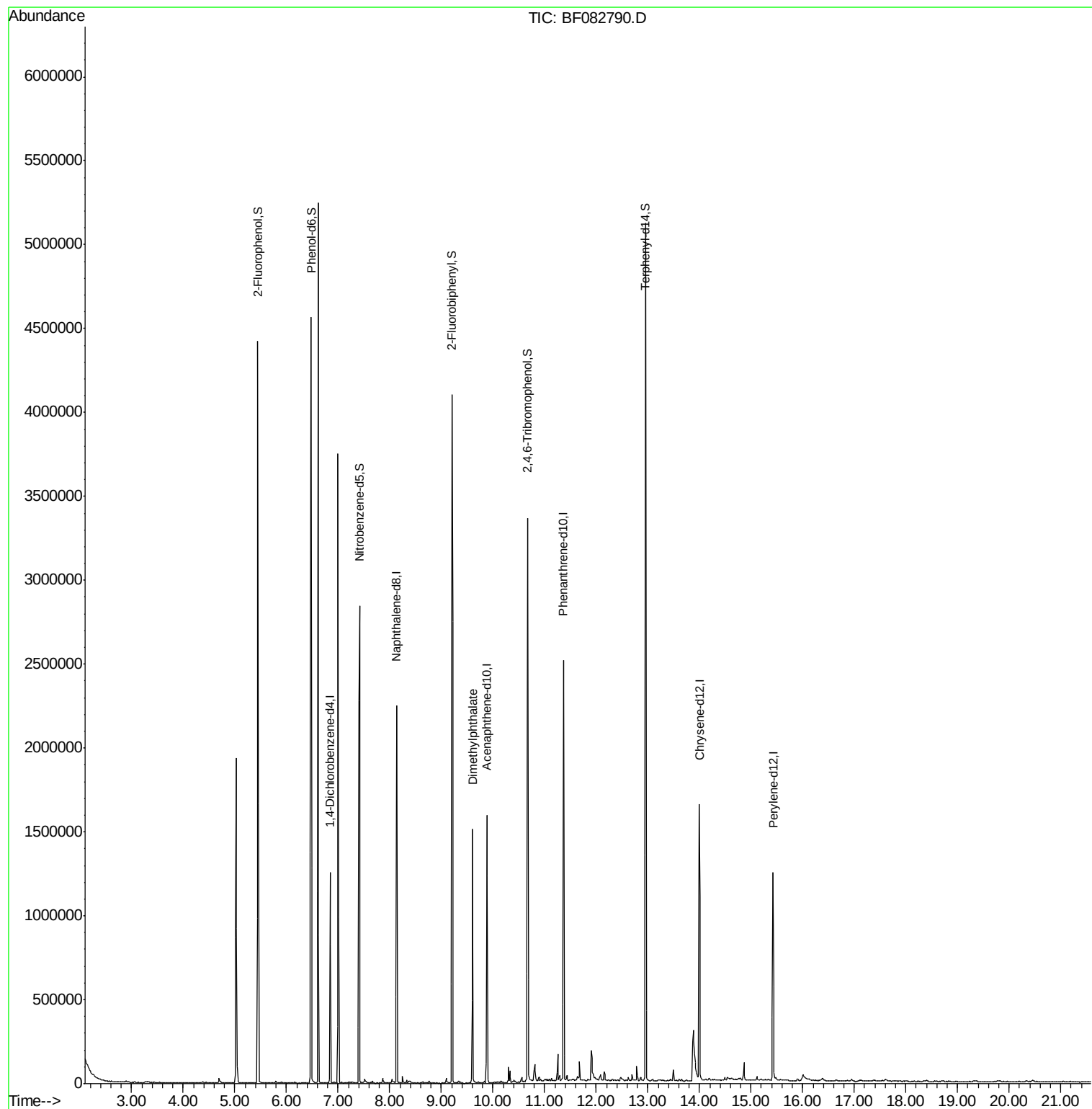
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	238592	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	942311	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	429968	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	847154	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	736629	20.00	ng	-0.02
86) Perylene-d12	15.43	264	597535	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1384202	90.27	ng	0.00
7) Phenol-d6	6.48	99	1792725	87.94	ng	0.00
23) Nitrobenzene-d5	7.41	82	1344517	62.08	ng	0.00
41) 2,4,6-Tribromophenol	10.67	330	368956	74.84	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1723901	57.46	ng	-0.01
78) Terphenyl-d14	12.96	244	1508833	48.58	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	645774	18.33	ng	98

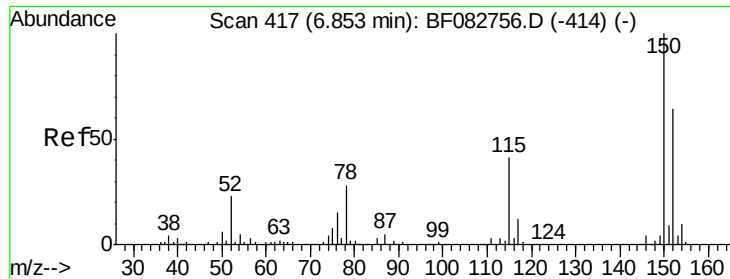
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082790.D

Acq: 7 Nov 2015 5:13

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-6(0-2)

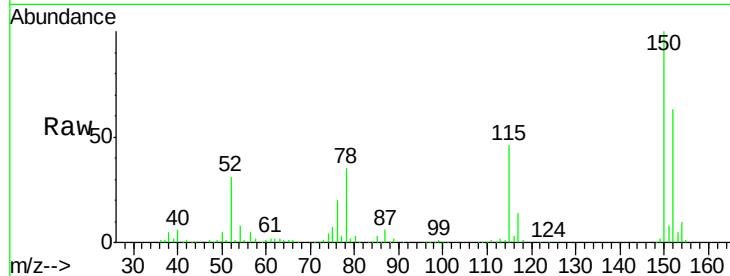
Tot Ion:152 Resp: 238592

Ion Ratio Lower Upper

152 100

150 159.4 127.0 190.4

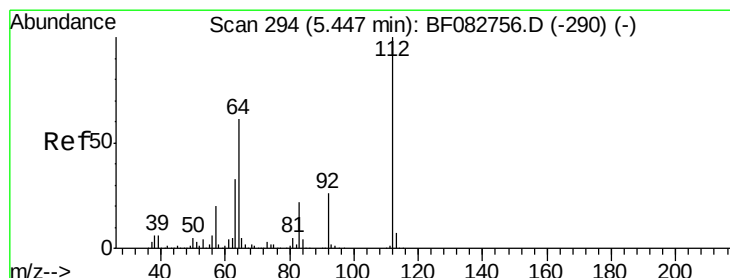
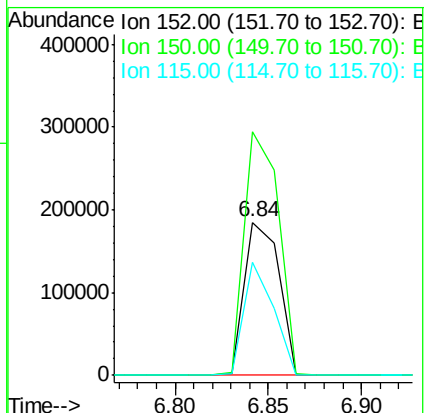
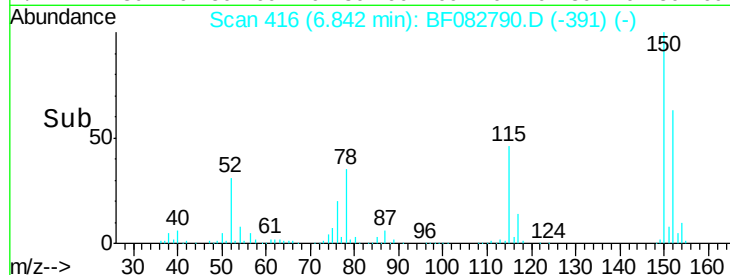
115 73.9 47.0 70.6#



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: 90.27 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082790.D

Acq: 7 Nov 2015 5:13

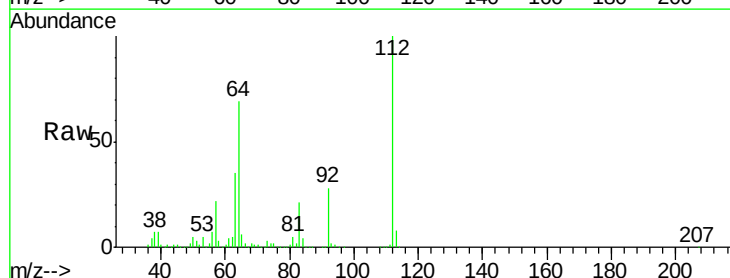
Tgt Ion:112 Resp: 1384202

Ion Ratio Lower Upper

112 100

64 68.8 48.9 73.3

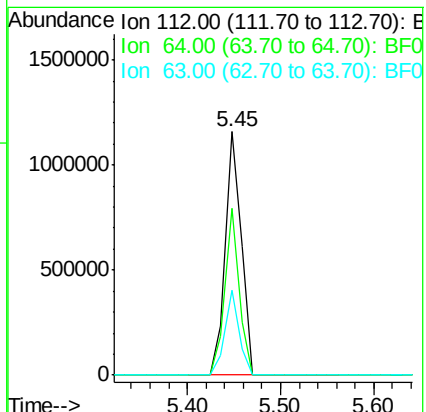
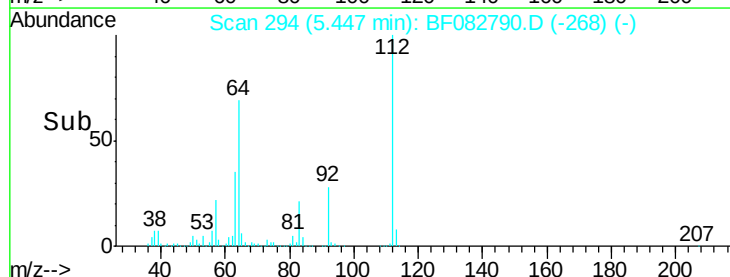
63 35.0 28.1 42.1

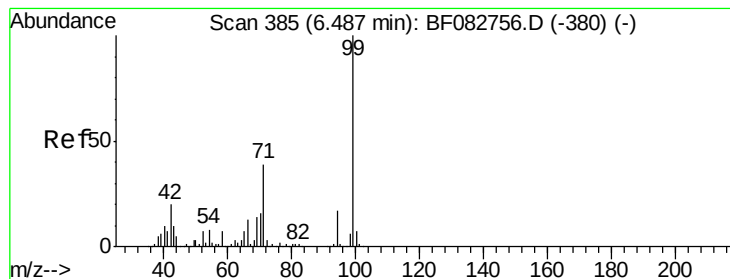


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 87.94 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082790.D

Acq: 7 Nov 2015 5:13

Instrument :

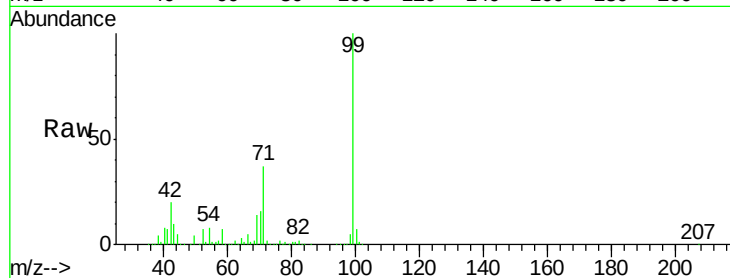
BNA_F

ClientSampleId :

COFF-WP11-6(0-2)

Tot Ion: 99 Resp: 1792725

Ion	Ratio	Lower	Upper
99	100		
42	20.2	19.2	28.8
71	37.0	35.0	52.4

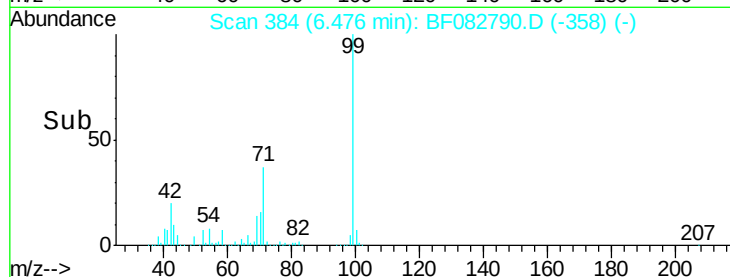


Abundance

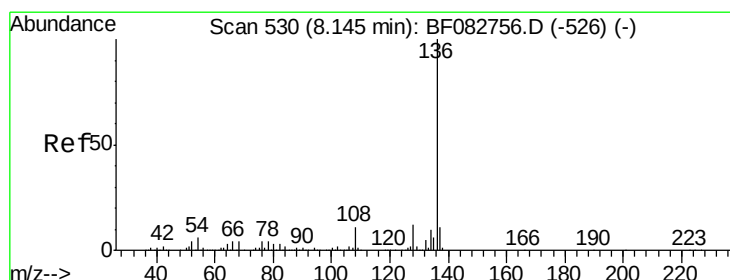
Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



6.48



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

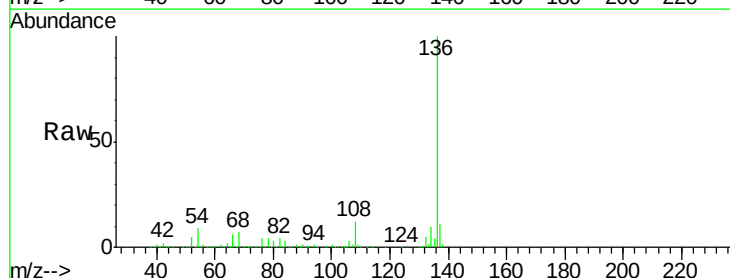
Delta R.T. -0.01 min

Lab File: BF082790.D

Acq: 7 Nov 2015 5:13

Tgt Ion: 136 Resp: 942311

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	9.0	9.1	13.7#
68	6.7	4.8	7.2



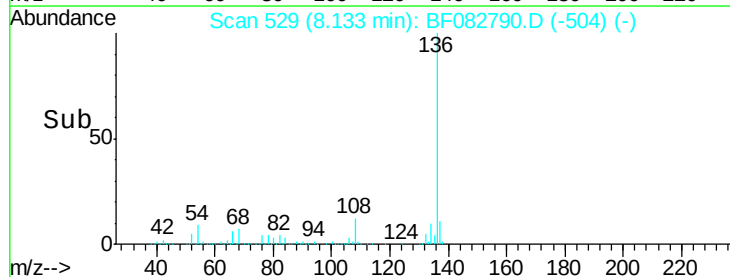
Abundance

Ion 136.00 (135.70 to 136.70): E

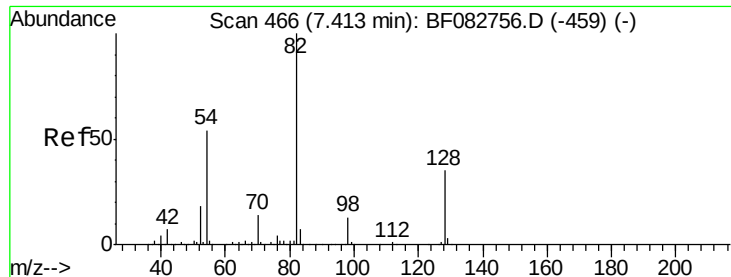
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



8.13



#23

Nitrobenzene-d5

Concen: 62.08 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.00 min

Lab File: BF082790.D

Acq: 7 Nov 2015 5:13

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-6(0-2)

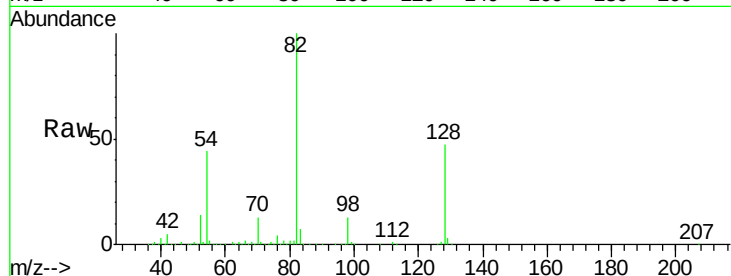
Tot Ion: 82 Resp: 1344517

Ion	Ratio	Lower	Upper
82	100		
128	46.7	26.8	40.2#
54	44.2	45.7	68.5#

82 100

128 46.7 26.8 40.2#

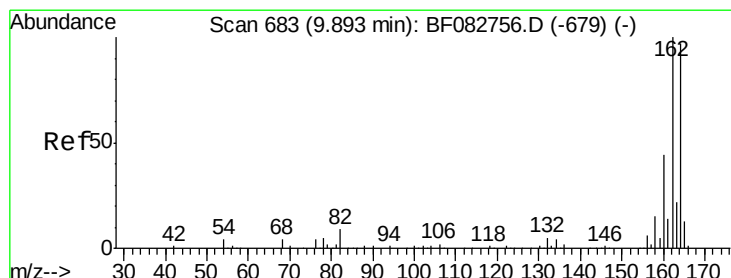
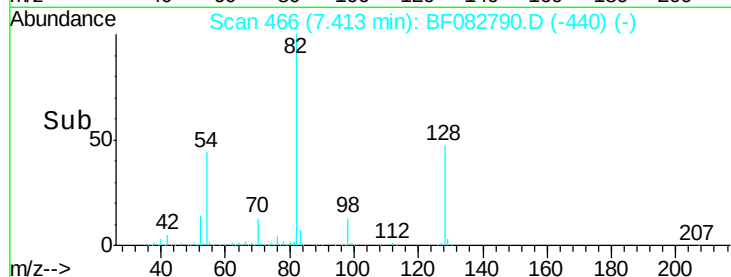
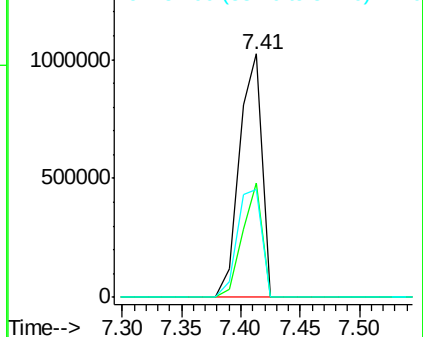
54 44.2 45.7 68.5#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

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: BF082790.D

Acq: 7 Nov 2015 5:13

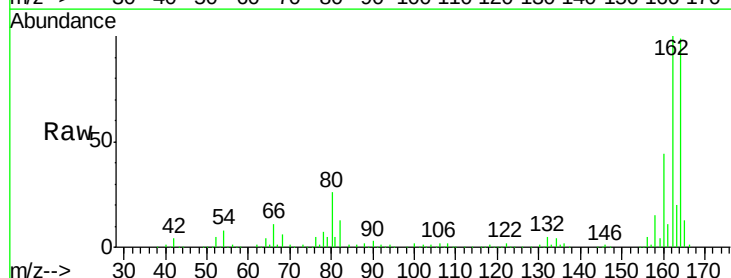
Tgt Ion:164 Resp: 429968

Ion	Ratio	Lower	Upper
164	100		
162	101.1	84.9	127.3
160	44.6	37.5	56.3

164 100

162 101.1 84.9 127.3

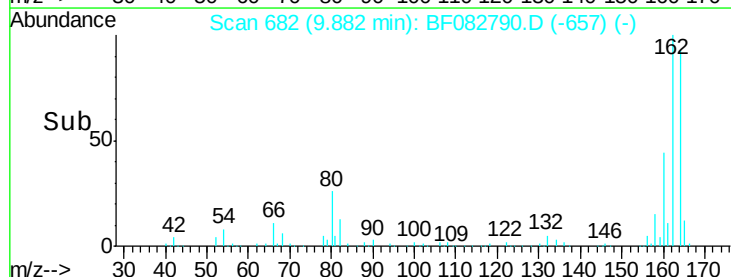
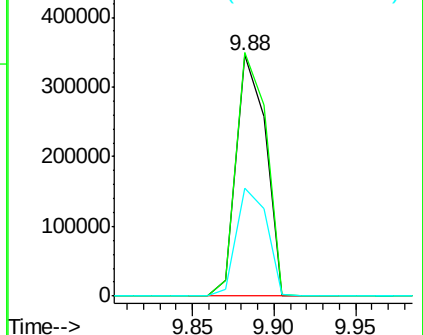
160 44.6 37.5 56.3

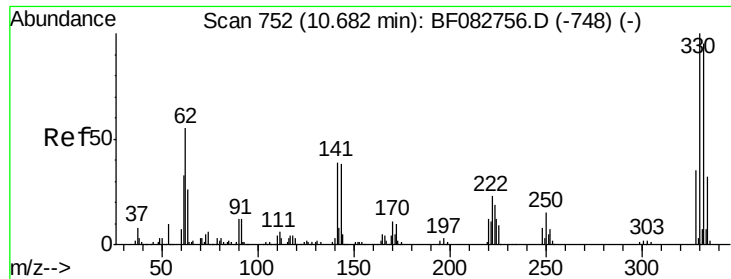


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

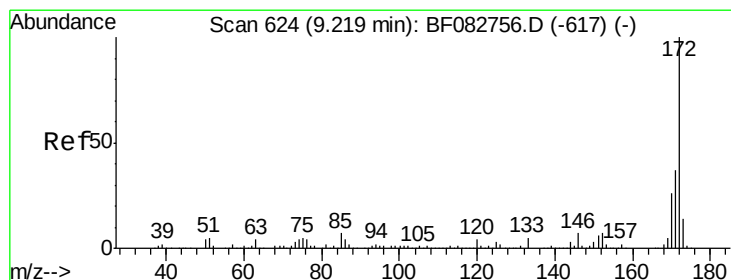
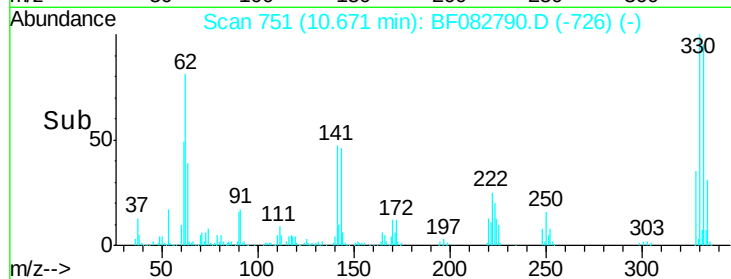
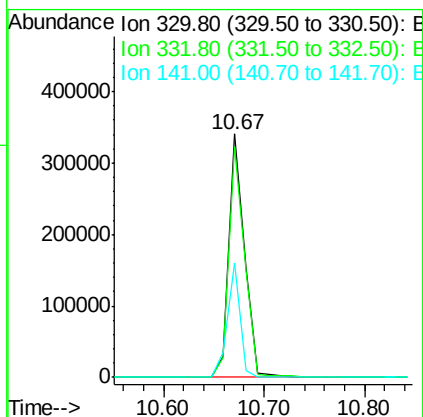
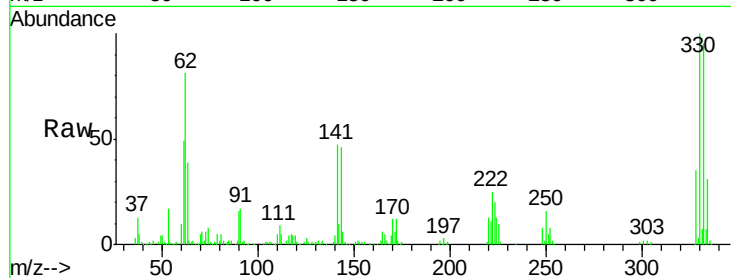




#41
 2,4,6-Tribromophenol
 Concen: 74.84 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082790.D
 Acq: 7 Nov 2015 5:13

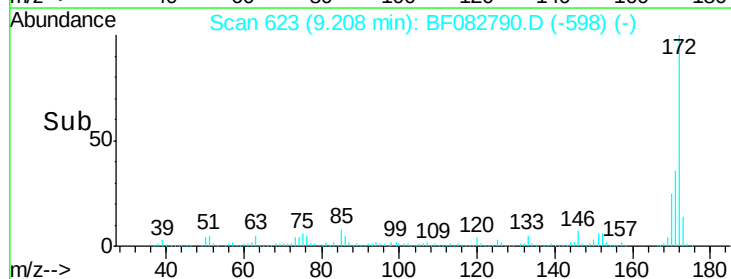
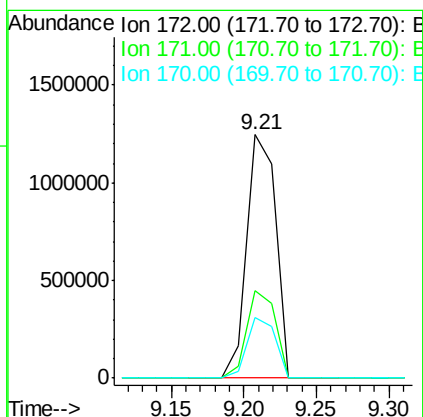
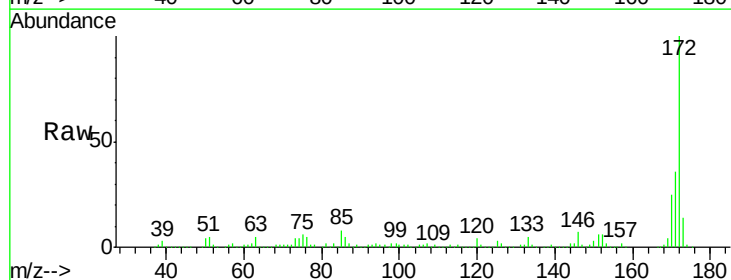
Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-6(0-2)

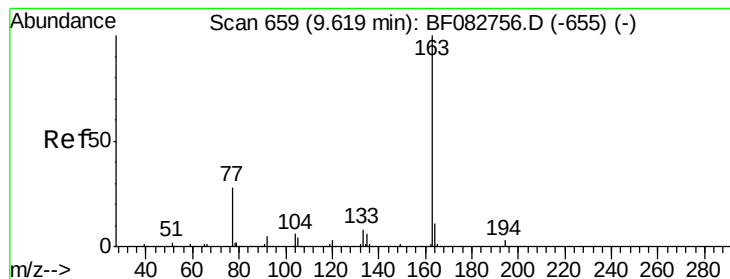
Tot Ion:330 Resp: 368956
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 39.0 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 57.46 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF082790.D
 Acq: 7 Nov 2015 5:13

Tgt Ion:172 Resp: 1723901
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.8 46.2
 170 25.0 21.2 31.8





#49

Dimethylphthalate

Concen: 18.33 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF082790.D

Acq: 7 Nov 2015 5:13

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-6(0-2)

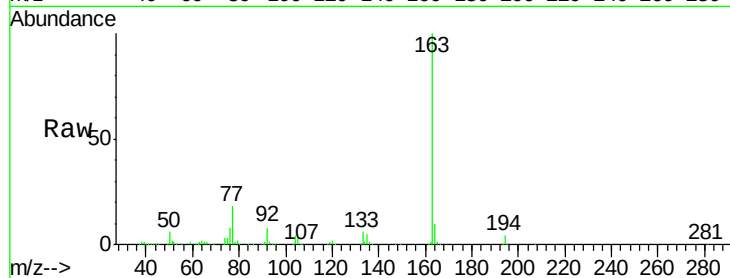
Tot Ion:163 Resp: 645774

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

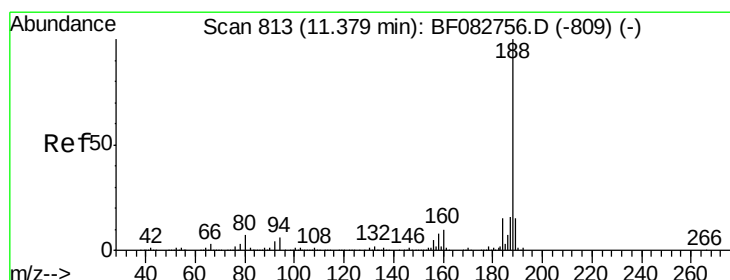
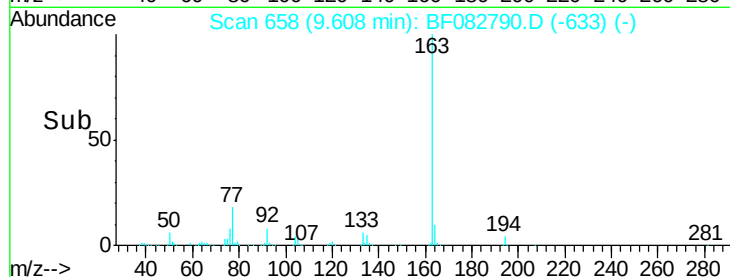
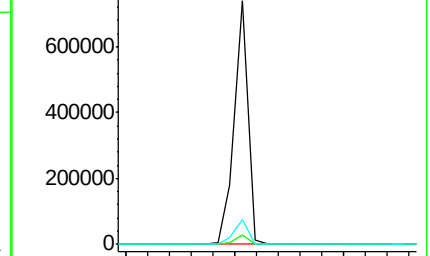
164 10.1 8.7 13.1



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: BF082790.D

Acq: 7 Nov 2015 5:13

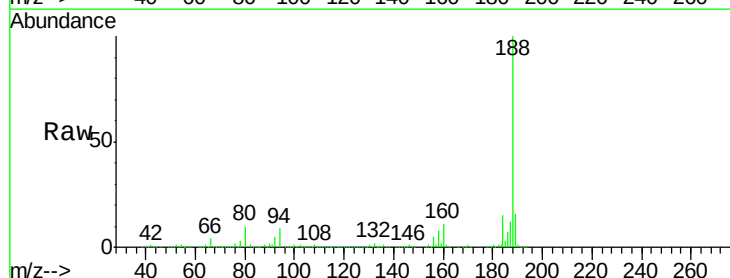
Tgt Ion:188 Resp: 847154

Ion Ratio Lower Upper

188 100

94 9.2 6.1 9.1#

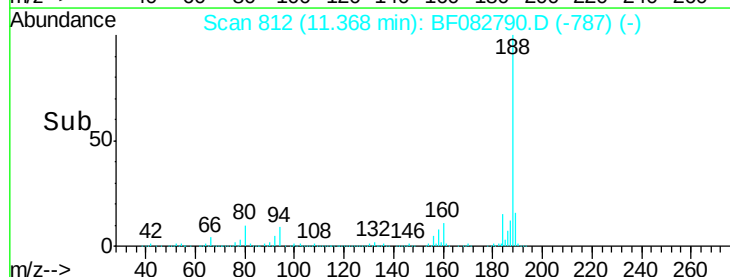
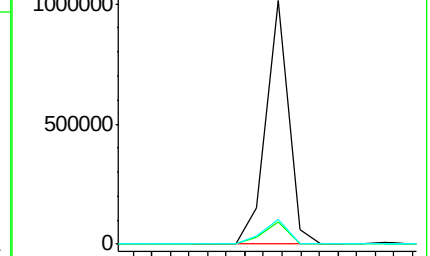
80 10.0 7.0 10.6

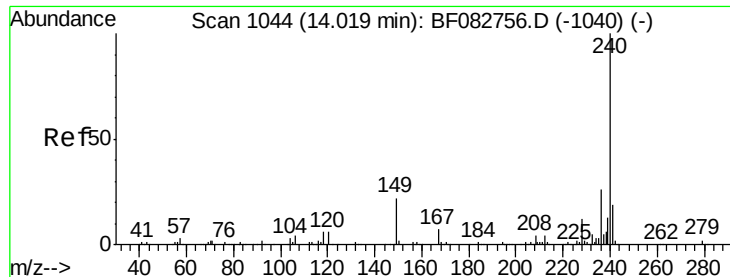


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF082790.D

Acq: 7 Nov 2015 5:13

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-6(0-2)

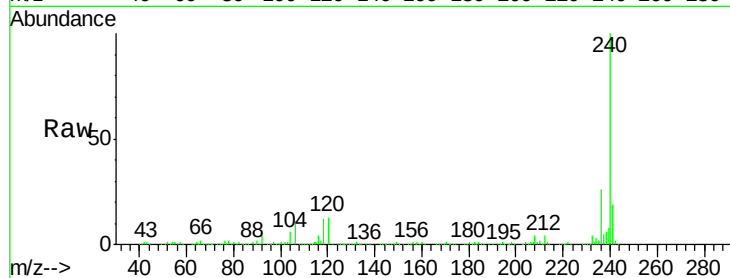
Tot Ion:240 Resp: 736629

Ion Ratio Lower Upper

240 100

120 13.4 10.9 16.3

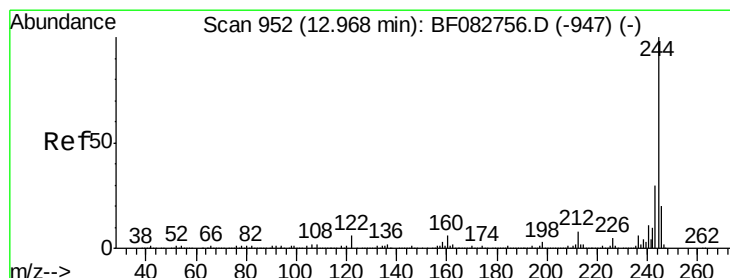
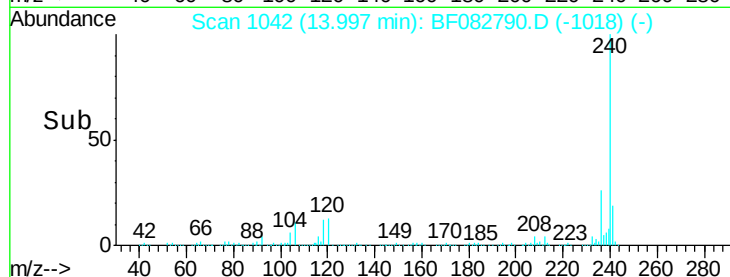
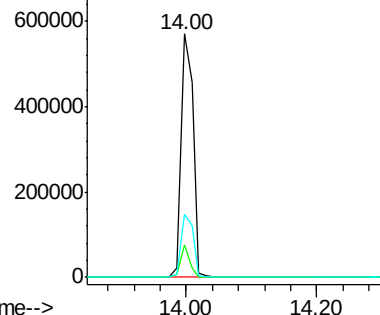
236 26.0 21.6 32.4



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: 48.58 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082790.D

Acq: 7 Nov 2015 5:13

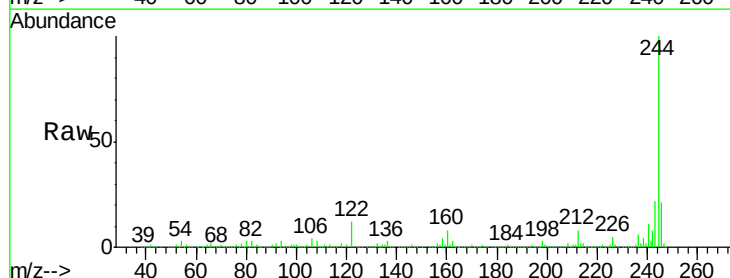
Tgt Ion:244 Resp: 1508833

Ion Ratio Lower Upper

244 100

212 8.2 7.6 11.4

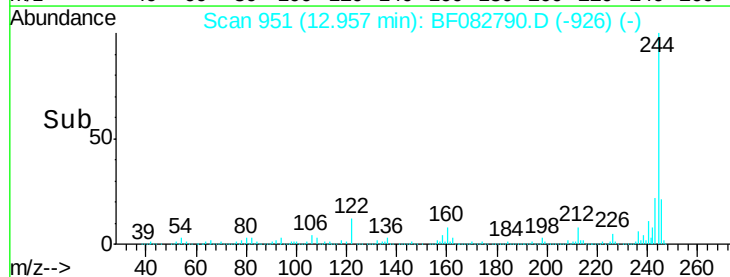
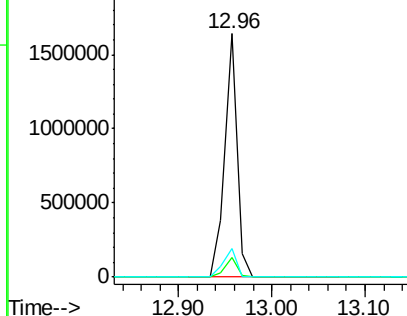
122 11.9 11.3 16.9

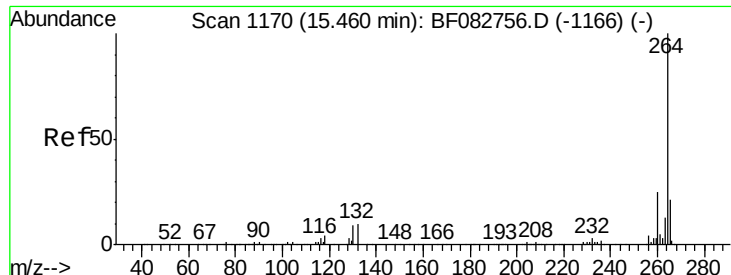


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

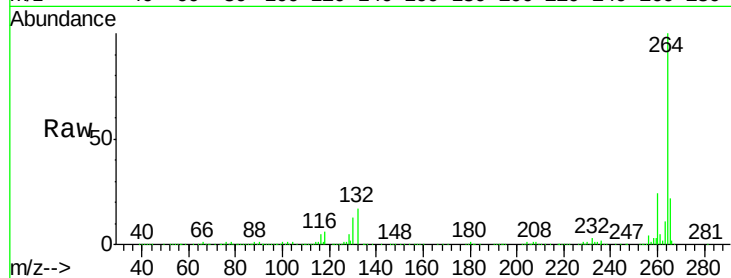




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF082790.D
Acq: 7 Nov 2015 5:13

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-6(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.8	29.6
265	21.8	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

