

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110715\
 Data File : BF082783.D
 Acq On : 7 Nov 2015 1:47
 Operator : UM/IZ
 Sample : G4258-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-3(0-2)

Quant Time: Nov 07 03:57:47 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

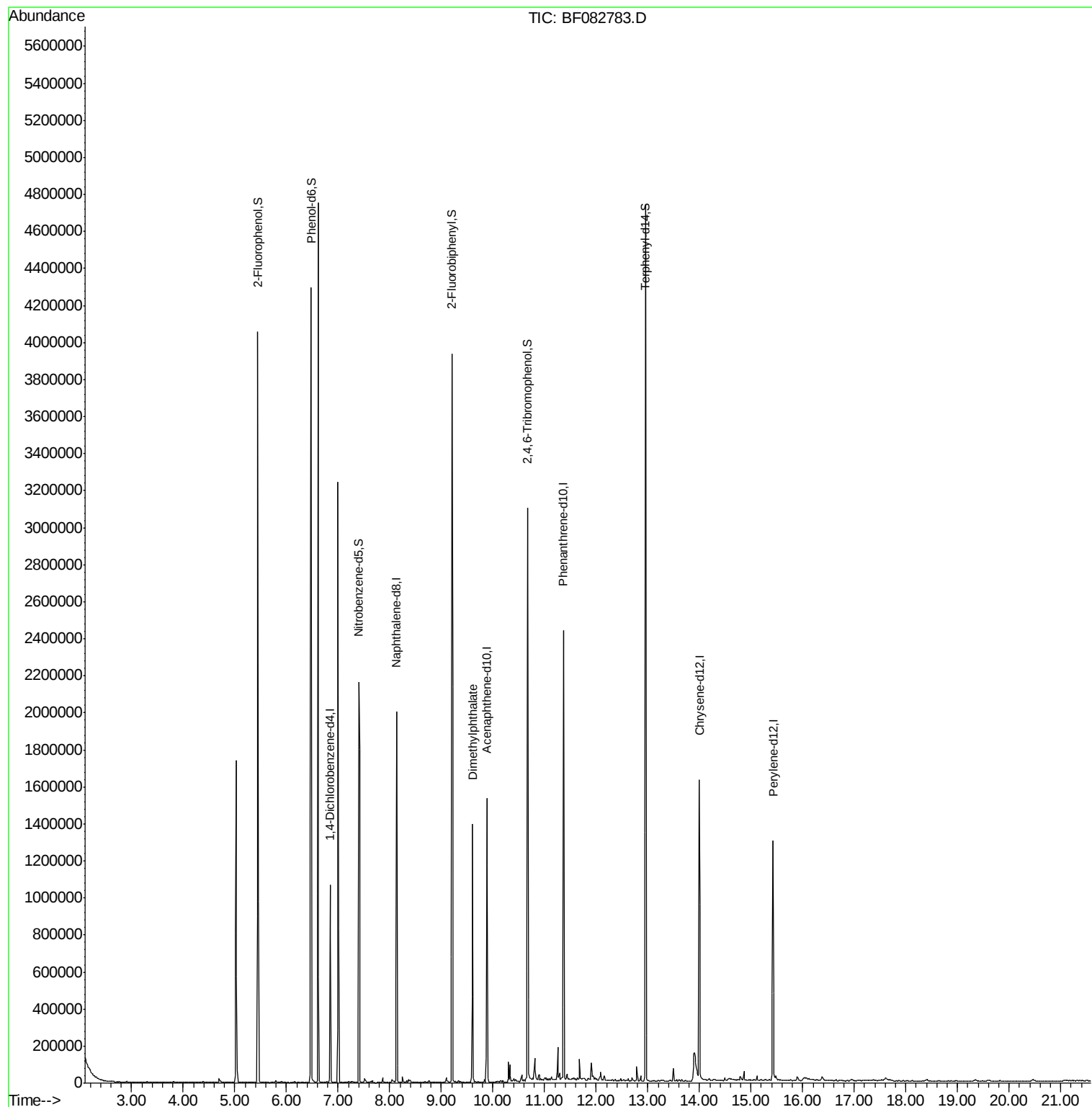
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	208688	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	869024	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	419229	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	807773	20.00	ng	-0.01
75) Chrysene-d12	14.00	240	689861	20.00	ng	-0.02
86) Perylene-d12	15.43	264	617745	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1127648	84.07	ng	0.00
7) Phenol-d6	6.48	99	1502347	84.26	ng	0.00
23) Nitrobenzene-d5	7.40	82	1057586	52.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	327870	68.21	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1575678	53.87	ng	-0.01
78) Terphenyl-d14	12.96	244	1411439	48.53	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.61	163	600891	17.49	ng	99

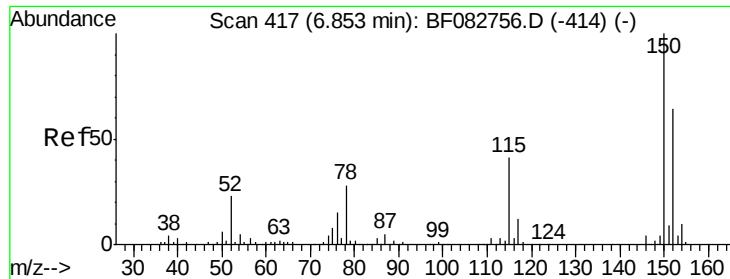
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

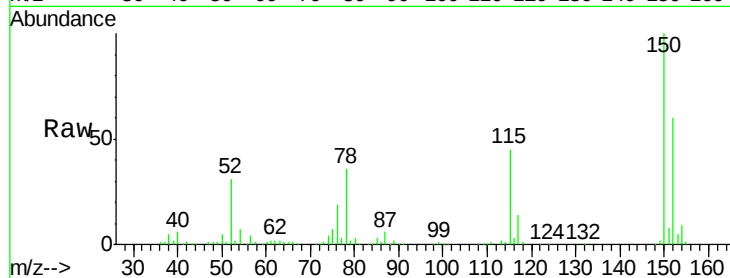
Tot Ion:152 Resp: 208688

Ion Ratio Lower Upper

152 100

150 166.0 127.0 190.4

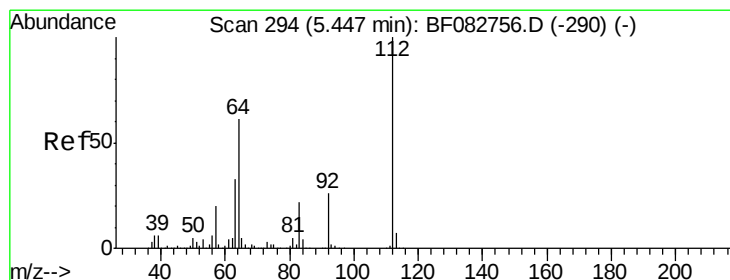
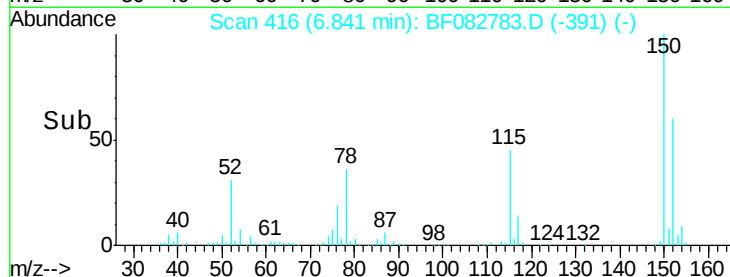
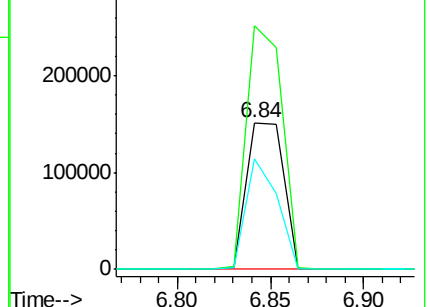
115 75.3 47.0 70.6#



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: 84.07 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

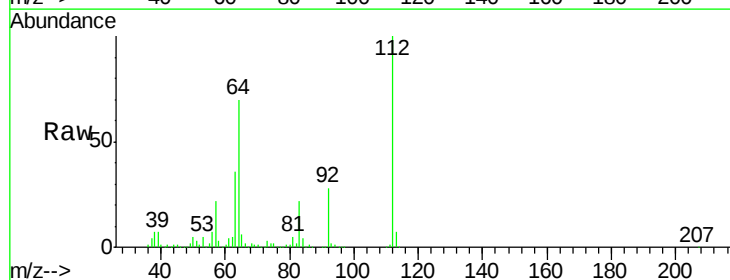
Tgt Ion:112 Resp: 1127648

Ion Ratio Lower Upper

112 100

64 70.2 48.9 73.3

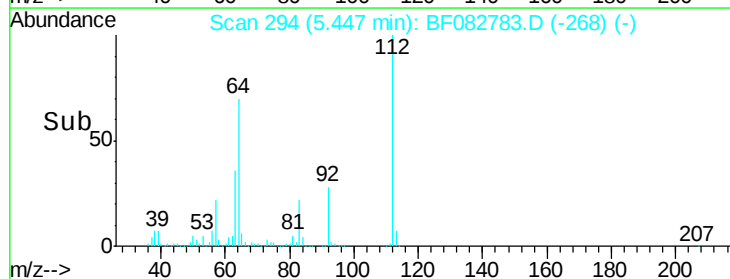
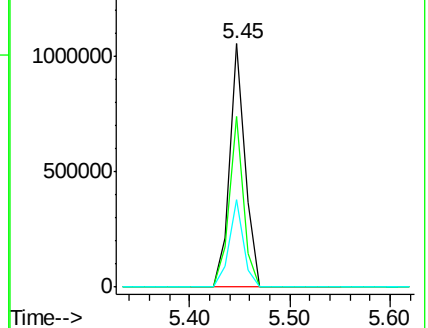
63 35.9 28.1 42.1



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: 84.26 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

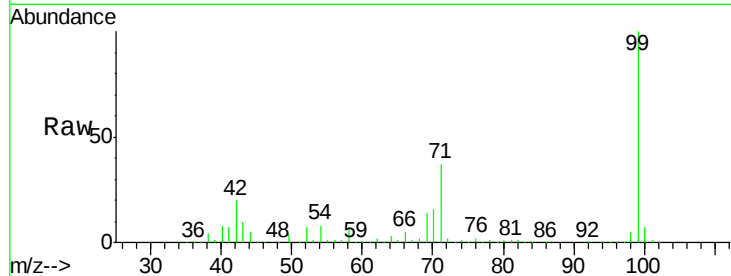
BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

Tot Ion: 99 Resp: 1502347

Ion	Ratio	Lower	Upper
99	100		
42	20.0	19.2	28.8
71	37.2	35.0	52.4

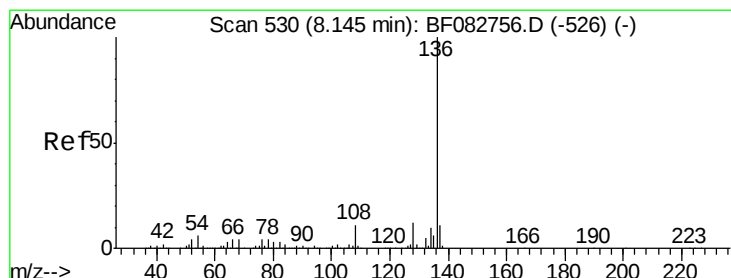
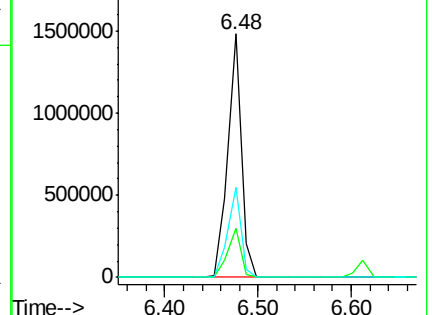
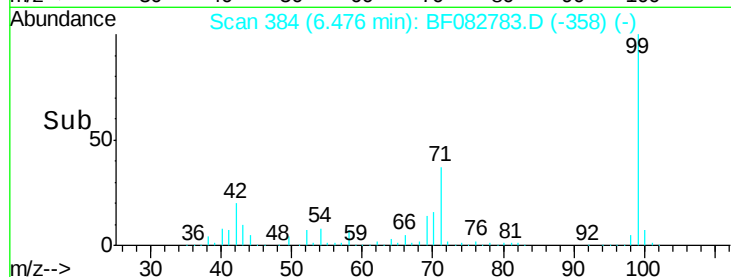


Abundance

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

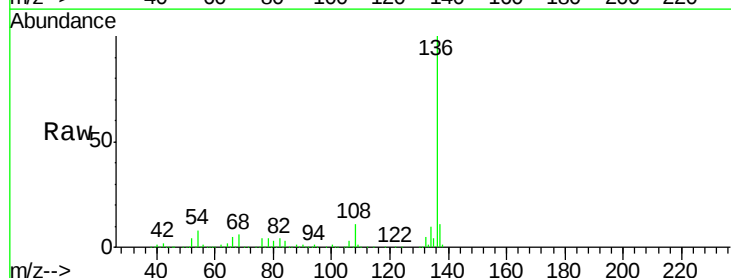
Delta R.T. -0.01 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Tgt Ion: 136 Resp: 869024

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.1	13.7
54	8.4	9.1	13.7#
68	6.2	4.8	7.2



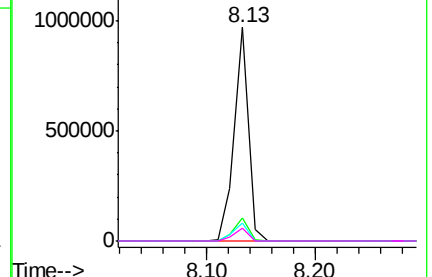
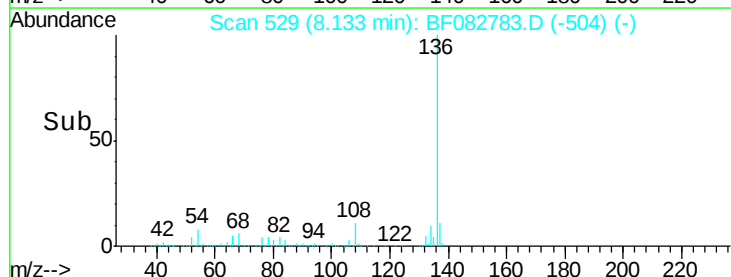
Abundance

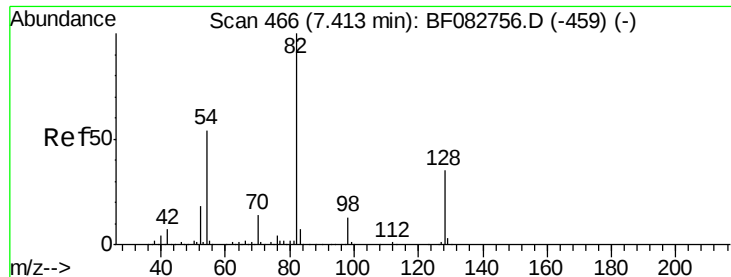
Ion 136.00 (135.70 to 136.70): E

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: 52.95 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.01 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

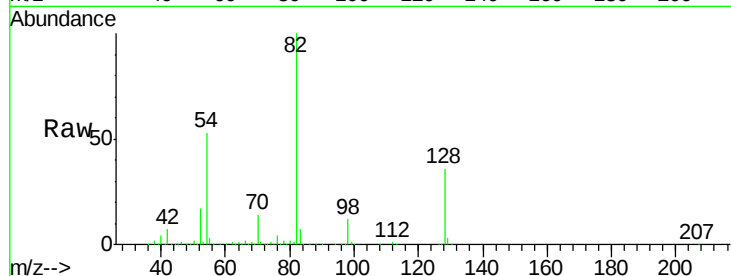
BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

Tot Ion: 82 Resp: 1057586

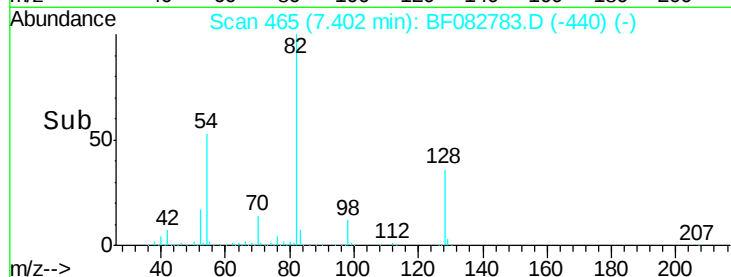
Ion	Ratio	Lower	Upper
82	100		
128	36.2	26.8	40.2
54	53.0	45.7	68.5



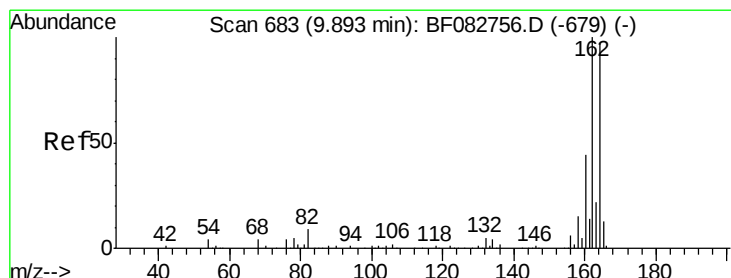
Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



Time--> 7.30 7.40 7.50



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

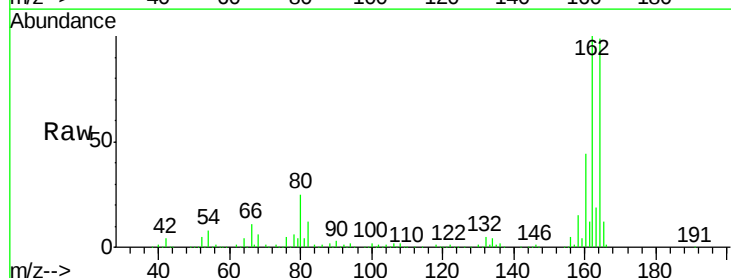
Tgt Ion:164 Resp: 419229

Ion	Ratio	Lower	Upper
164	100		
162	100.7	84.9	127.3
160	44.1	37.5	56.3

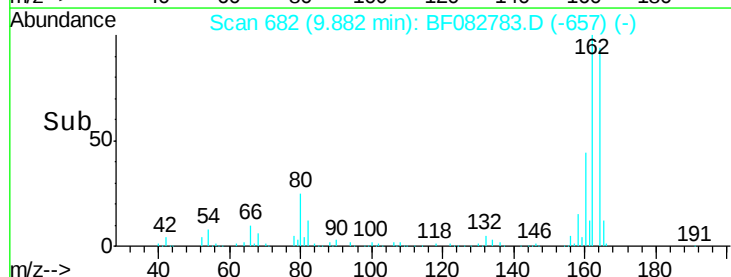
Abundance Ion 164.00 (163.70 to 164.70): E

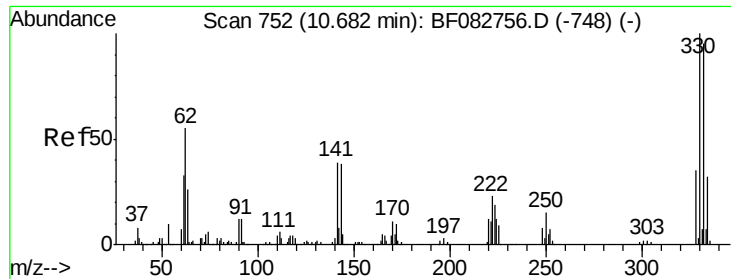
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



Time--> 9.80 9.85 9.90 9.95

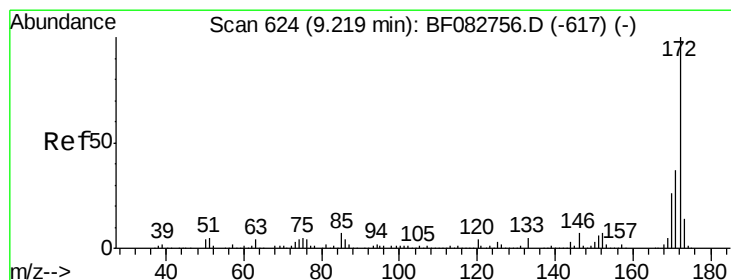
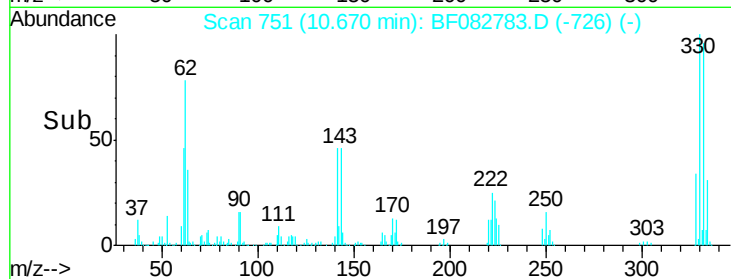
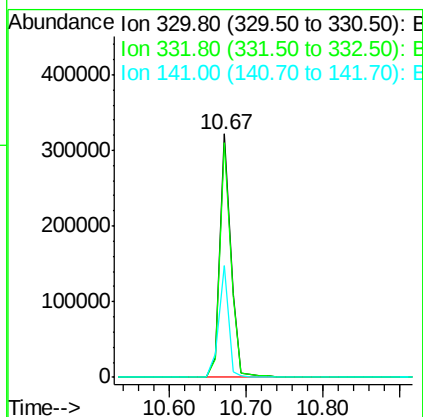
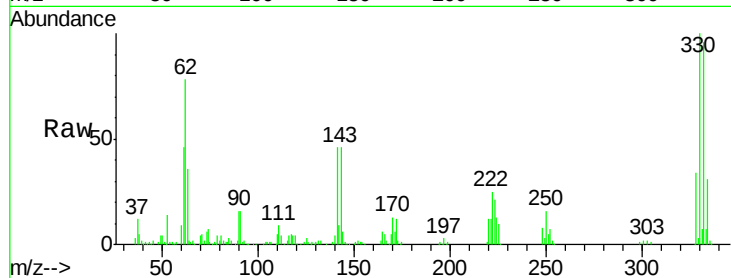




#41
 2,4,6-Tribromophenol
 Concen: 68.21 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF082783.D
 Acq: 7 Nov 2015 1:47

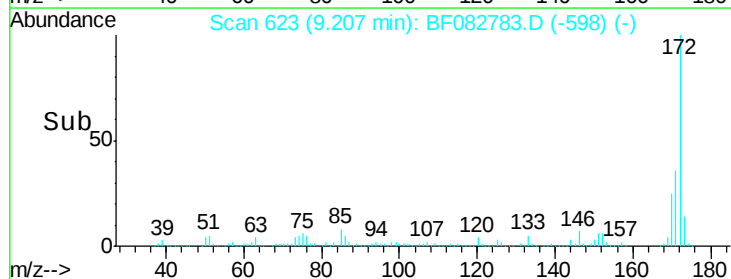
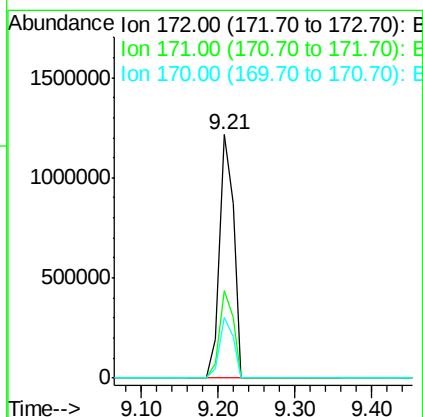
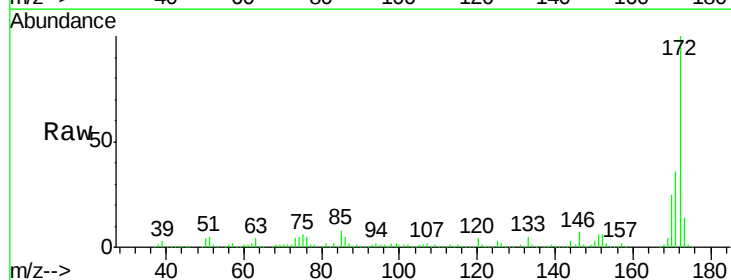
Instrument :
 BNA_F
 ClientSampleId :
 COFF-WP11-3(0-2)

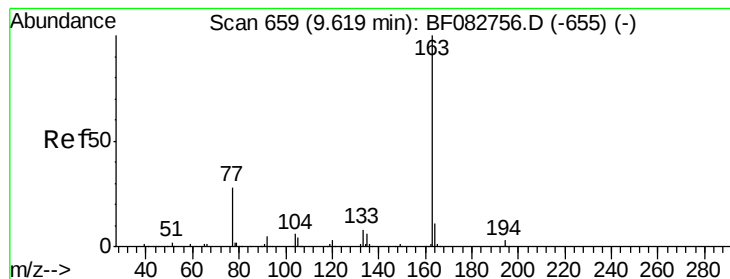
Tot Ion:330 Resp: 327870
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.6 114.8
 141 40.3 41.2 61.8#



#44
 2-Fluorobiphenyl
 Concen: 53.87 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF082783.D
 Acq: 7 Nov 2015 1:47

Tgt Ion:172 Resp: 1575678
 Ion Ratio Lower Upper
 172 100
 171 36.1 30.8 46.2
 170 24.8 21.2 31.8





#49

Dimethylphthalate

Concen: 17.49 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

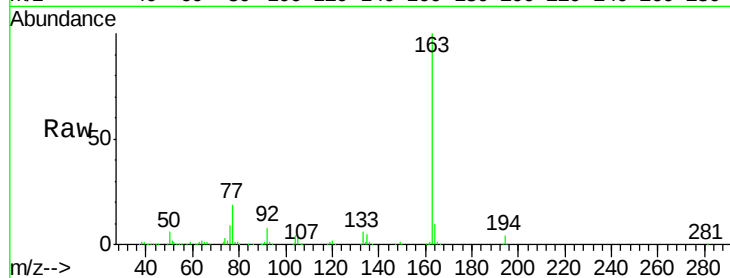
Tot Ion:163 Resp: 600891

Ion Ratio Lower Upper

163 100

194 3.6 2.6 4.0

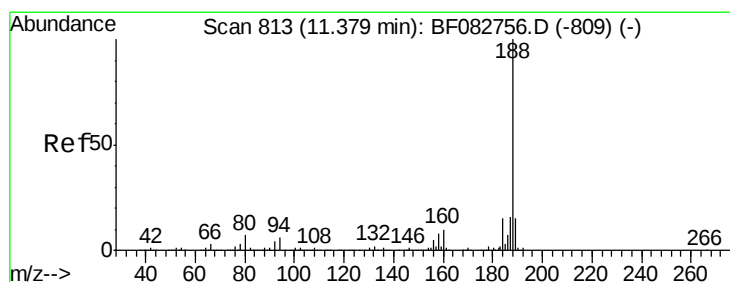
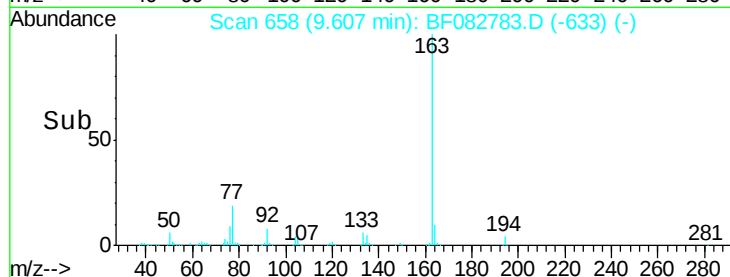
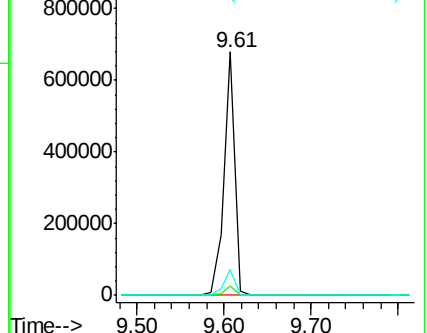
164 10.4 8.7 13.1



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: BF082783.D

Acq: 7 Nov 2015 1:47

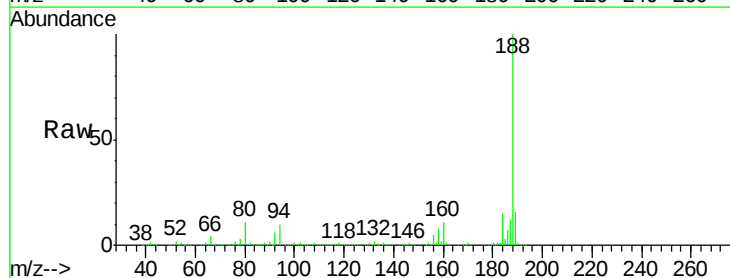
Tgt Ion:188 Resp: 807773

Ion Ratio Lower Upper

188 100

94 9.6 6.1 9.1#

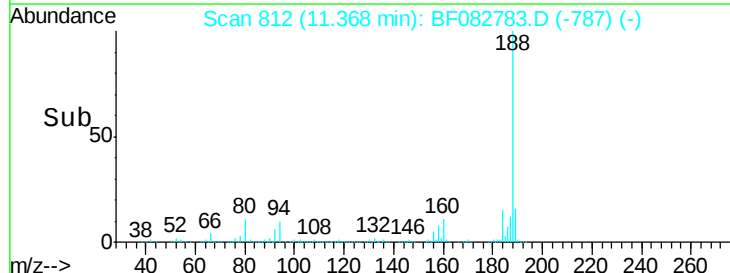
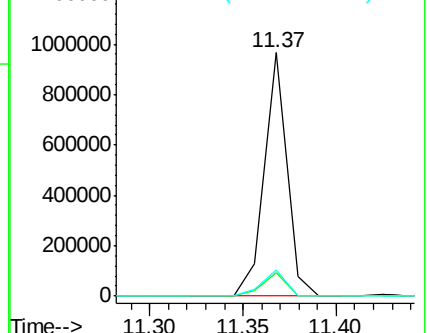
80 10.7 7.0 10.6#

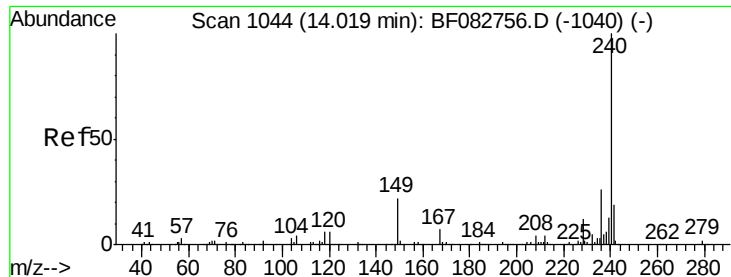


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF082783.D

Acq: 7 Nov 2015 1:47

Instrument :

BNA_F

ClientSampleId :

COFF-WP11-3(0-2)

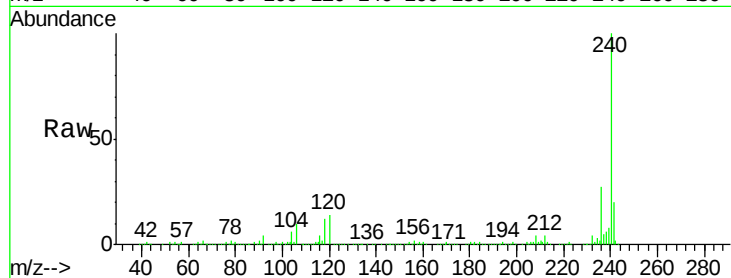
Tot Ion:240 Resp: 689861

Ion Ratio Lower Upper

240 100

120 13.6 10.9 16.3

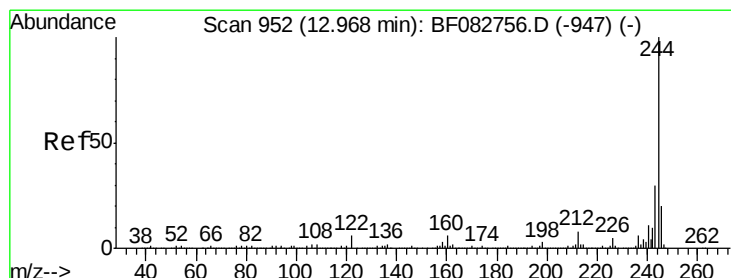
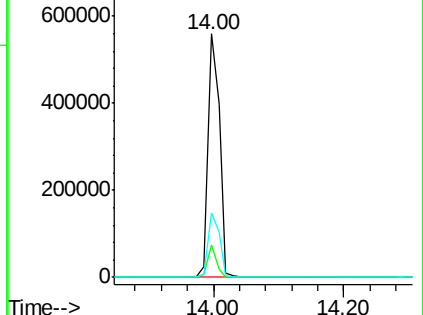
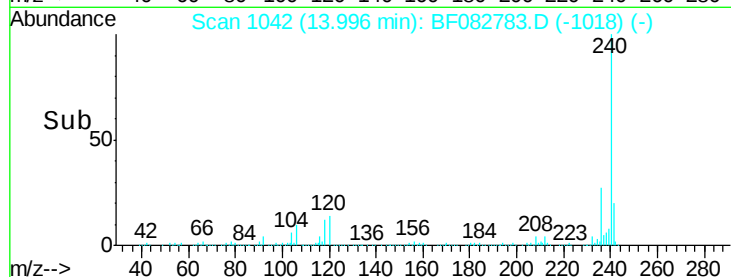
236 26.7 21.6 32.4



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: 48.53 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF082783.D

Acq: 7 Nov 2015 1:47

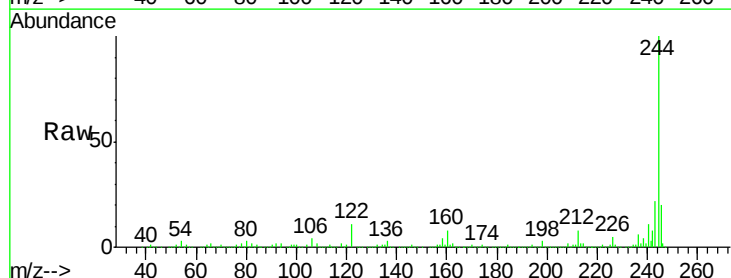
Tgt Ion:244 Resp: 1411439

Ion Ratio Lower Upper

244 100

212 7.8 7.6 11.4

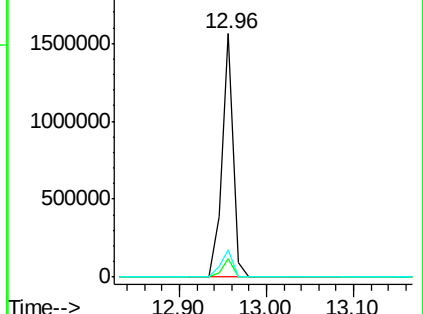
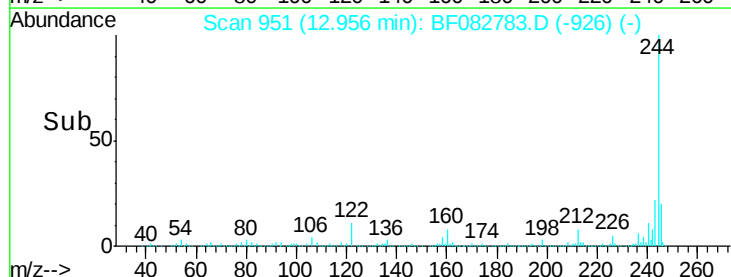
122 11.2 11.3 16.9#

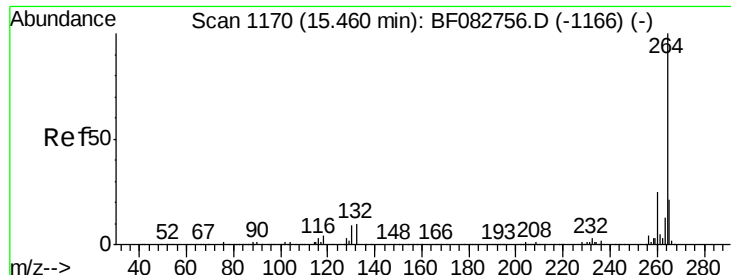


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

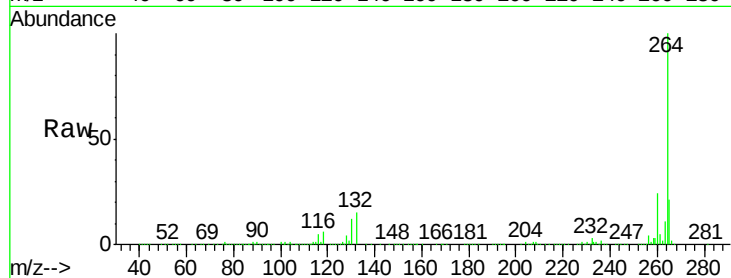




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.43 min Scan# 1167
Delta R.T. -0.03 min
Lab File: BF082783.D
Acq: 7 Nov 2015 1:47

Instrument :
BNA_F
ClientSampleId :
COFF-WP11-3(0-2)

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.6
265	21.1	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

