

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
 Data File : BF082444.D
 Acq On : 22 Oct 2015 11:28
 Operator : UM/IZ
 Sample : G4117-19
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-04(0-2)

Quant Time: Oct 22 14:10:39 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

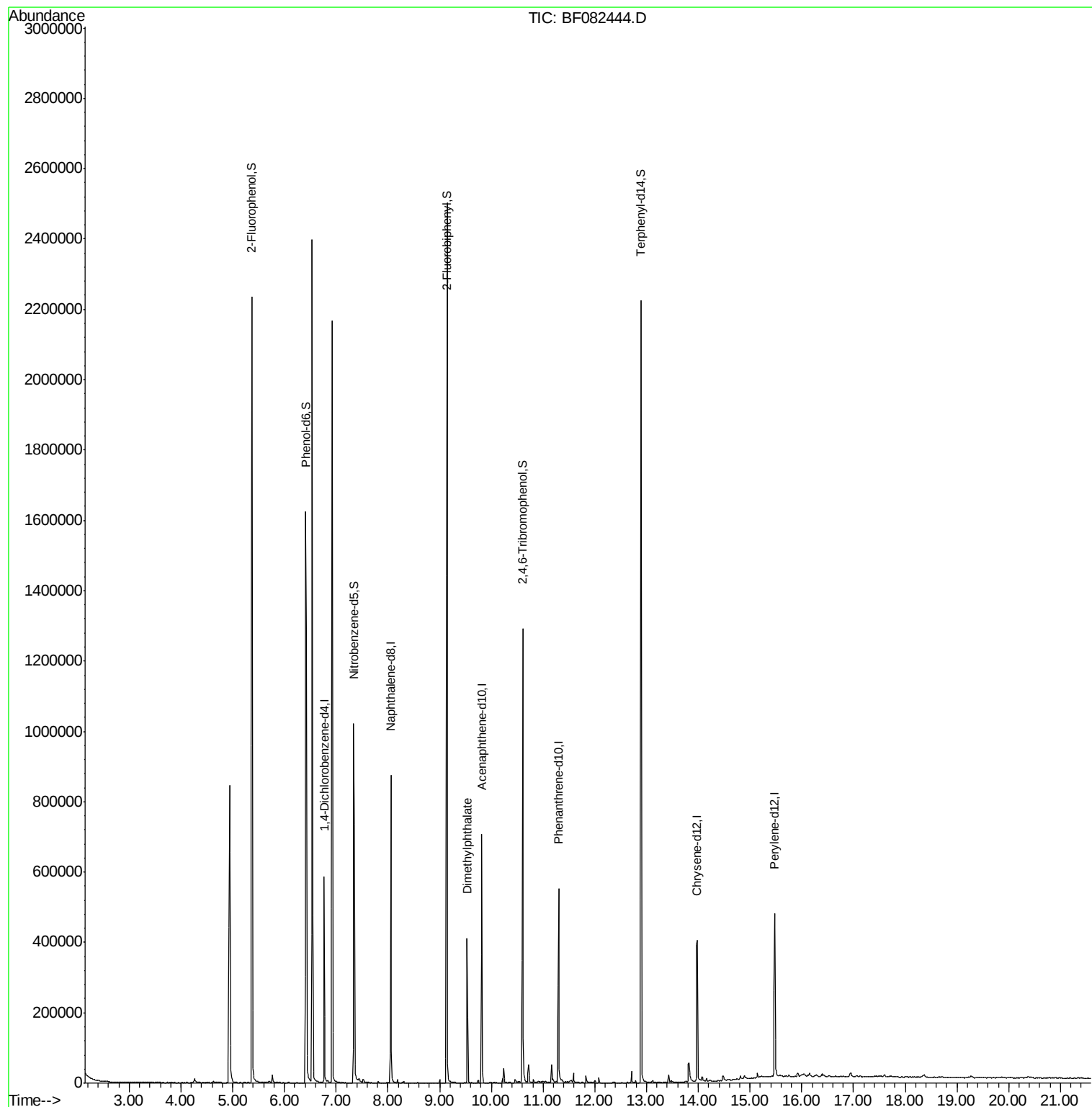
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	99881	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	386318	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	170340	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	268164	20.00	ng	0.00
75) Chrysene-d12	13.98	240	240156	20.00	ng	-0.03
86) Perylene-d12	15.48	264	228816	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	683967	138.20	ng	0.01
7) Phenol-d6	6.41	99	880002	136.64	ng	-0.01
23) Nitrobenzene-d5	7.34	82	486816	84.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	139922	87.59	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1010578	98.39	ng	0.00
78) Terphenyl-d14	12.89	244	704722	77.76	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	202253	16.86	ng	99

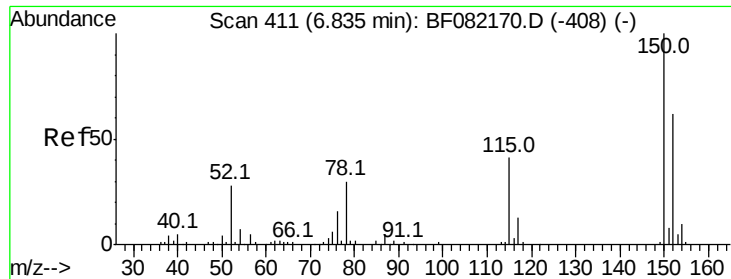
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 405

Delta R.T. -0.01 min

Lab File: BF082444.D

Acq: 22 Oct 2015 11:28

Instrument :

BNA_F

ClientSampleId :

COFF-04(0-2)

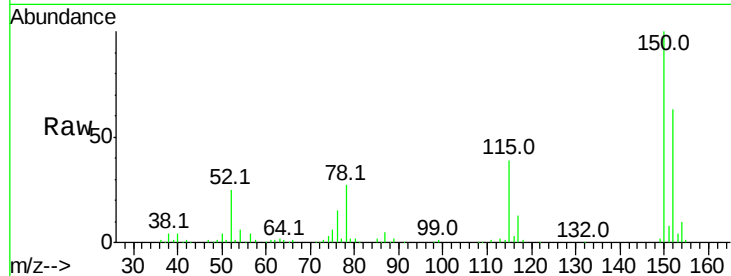
Tot Ion:152 Resp: 99881

Ion Ratio Lower Upper

152 100

150 158.9 129.0 193.4

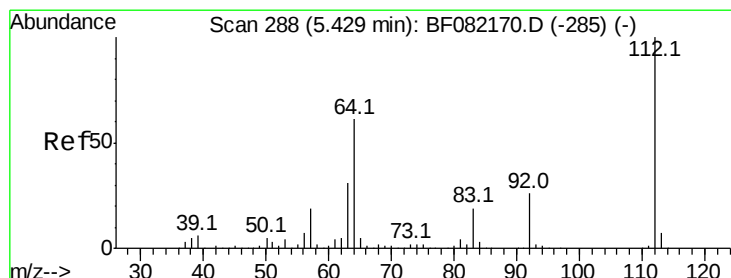
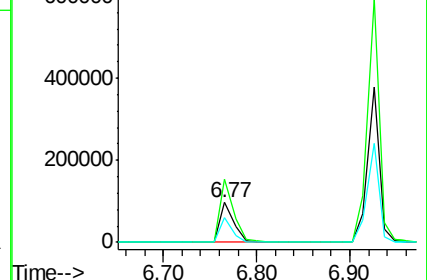
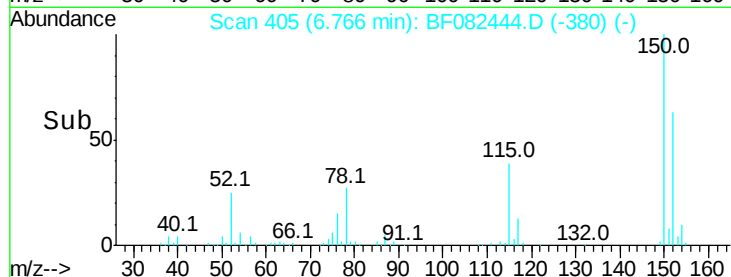
115 62.7 52.1 78.1



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: 138.20 ng

RT: 5.37 min Scan# 283

Delta R.T. 0.01 min

Lab File: BF082444.D

Acq: 22 Oct 2015 11:28

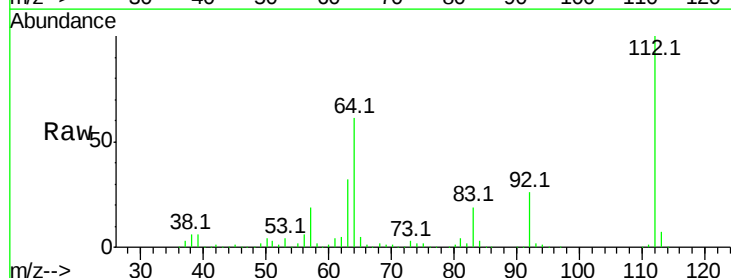
Tgt Ion:112 Resp: 683967

Ion Ratio Lower Upper

112 100

64 60.9 48.6 73.0

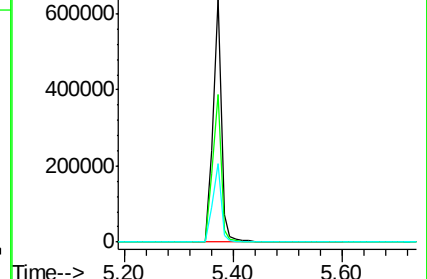
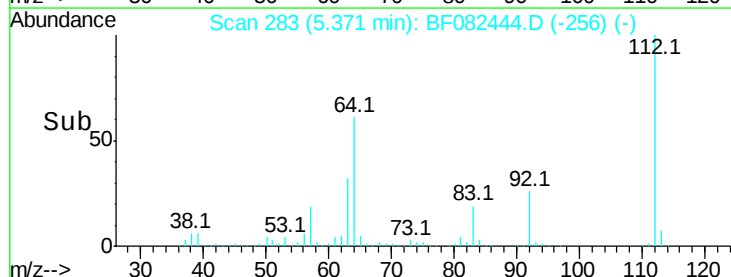
63 32.2 25.1 37.7



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: 136.64 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082444.D

Acq: 22 Oct 2015 11:28

Instrument :

BNA_F

ClientSampleId :

COFF-04(0-2)

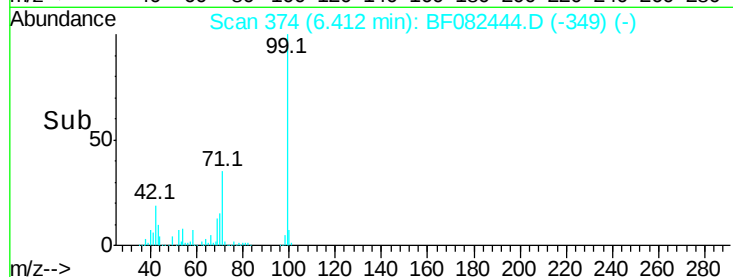
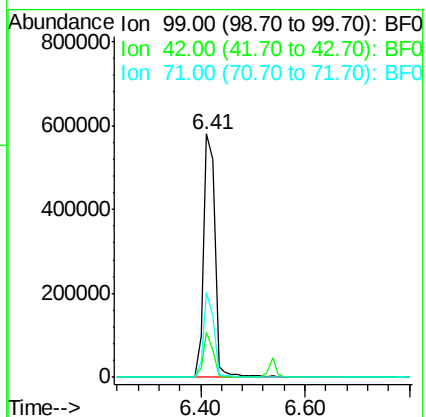
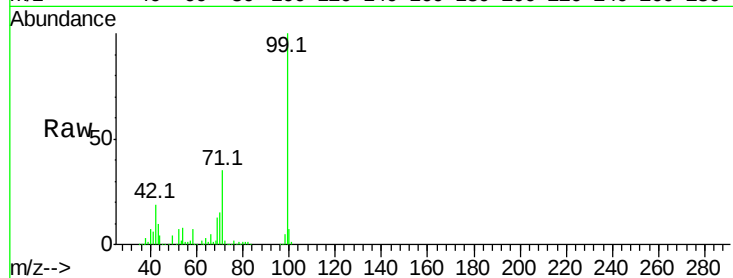
Tot Ion: 99 Resp: 880002

Ion Ratio Lower Upper

99 100

42 18.8 13.2 19.8

71 35.1 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 518

Delta R.T. -0.01 min

Lab File: BF082444.D

Acq: 22 Oct 2015 11:28

Tgt Ion: 136 Resp: 386318

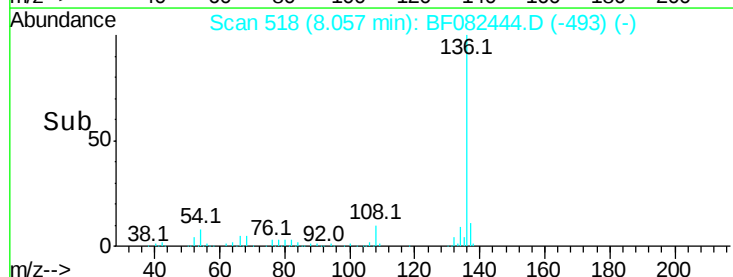
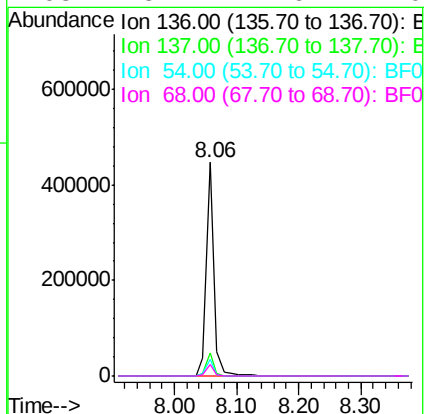
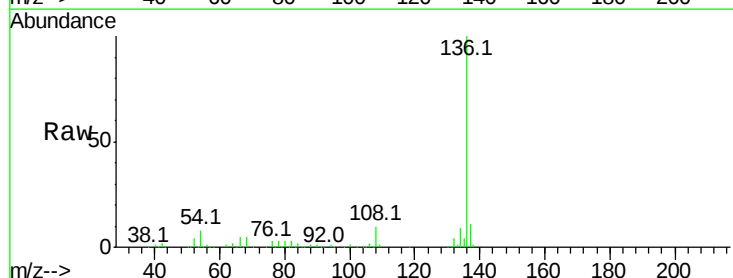
Ion Ratio Lower Upper

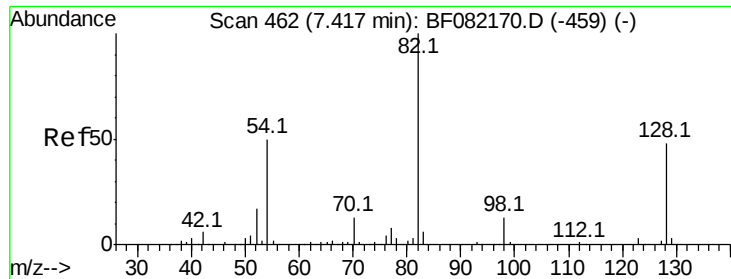
136 100

137 11.1 9.0 13.6

54 7.8 7.5 11.3

68 5.2 4.6 7.0

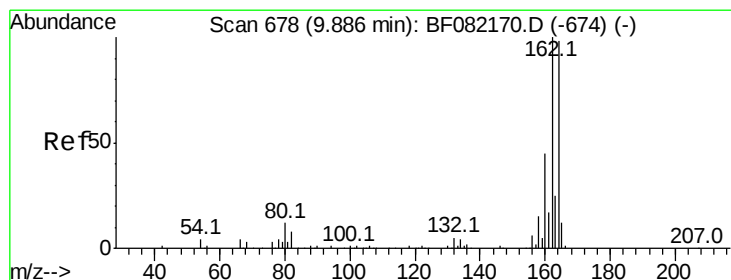
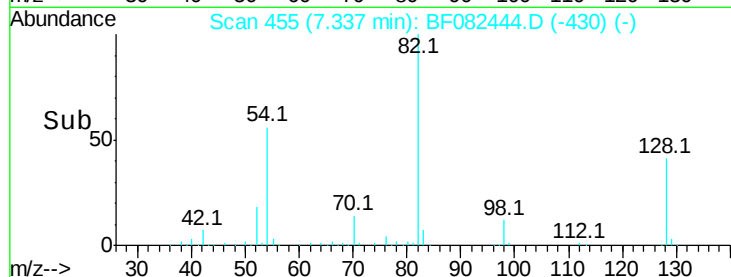
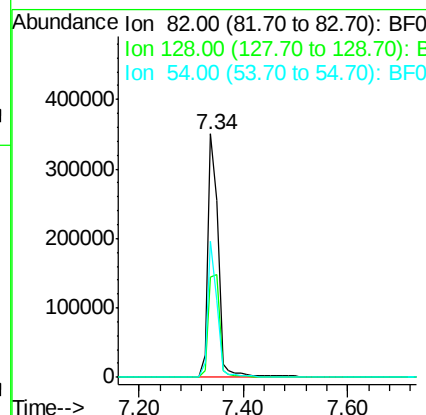
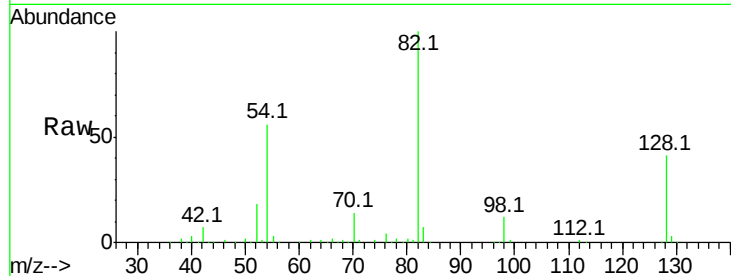




#23
Nitrobenzene-d5
Concen: 84.62 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082444.D
Acq: 22 Oct 2015 11:28

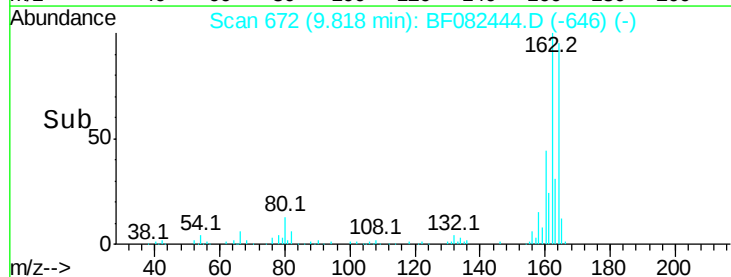
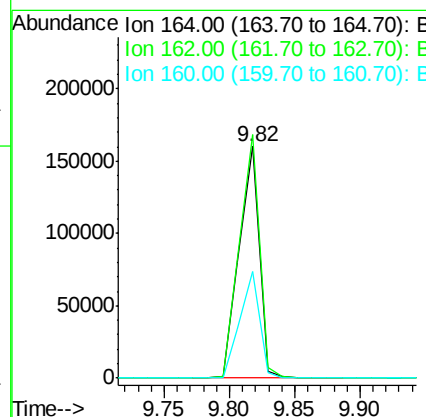
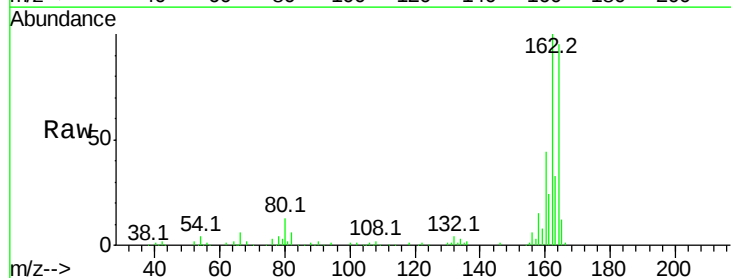
Instrument :
BNA_F
ClientSampleId :
COFF-04(0-2)

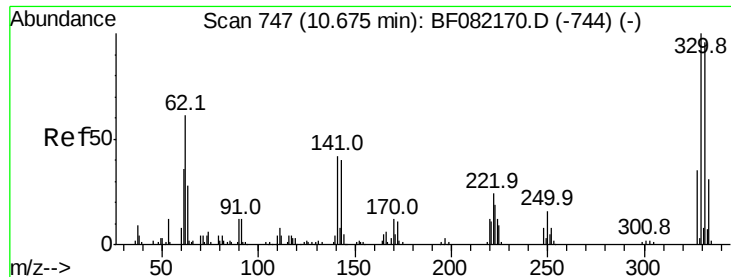
Tot Ion	Ratio	Lower	Upper
82	100		
128	40.9	38.7	58.1
54	56.1	40.1	60.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 672
Delta R.T. -0.00 min
Lab File: BF082444.D
Acq: 22 Oct 2015 11:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.0	81.6	122.4
160	45.9	36.4	54.6

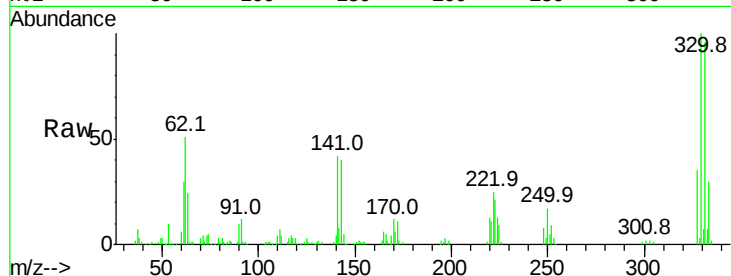




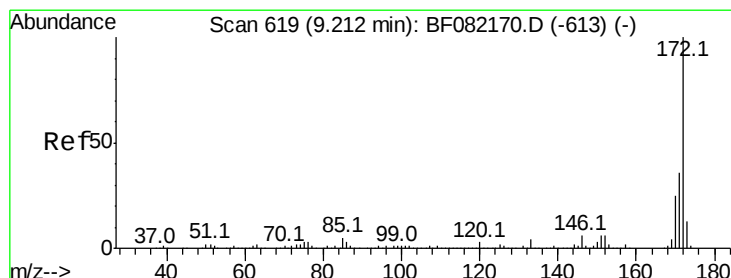
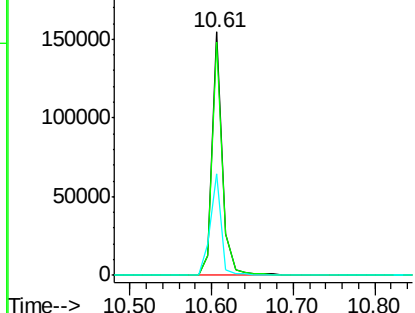
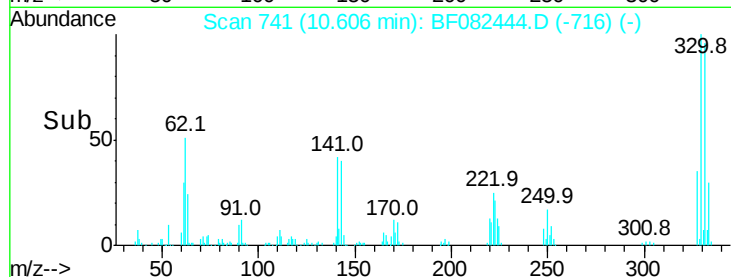
#41
 2,4,6-Tribromophenol
 Concen: 87.59 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082444.D
 Acq: 22 Oct 2015 11:28

Instrument :
 BNA_F
 ClientSampleId :
 COFF-04(0-2)

Tot Ion:330 Resp: 139922
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.1 115.7
 141 45.2 29.8 44.8#

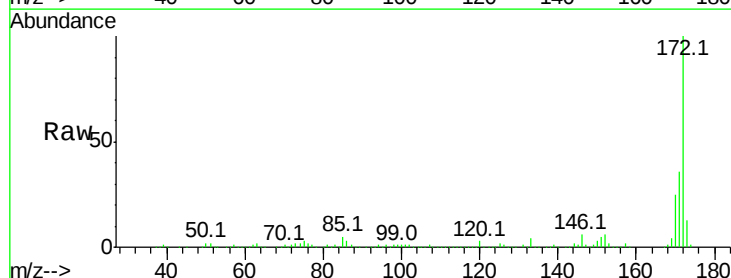


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

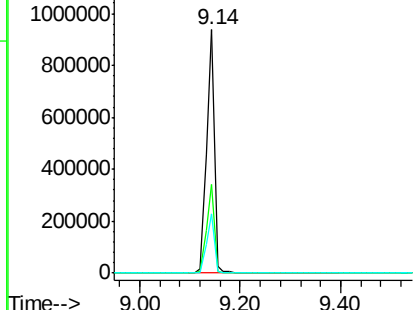
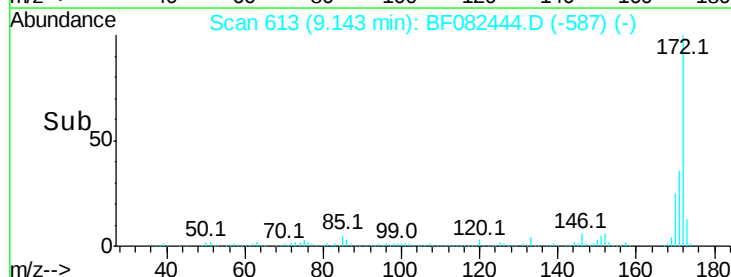


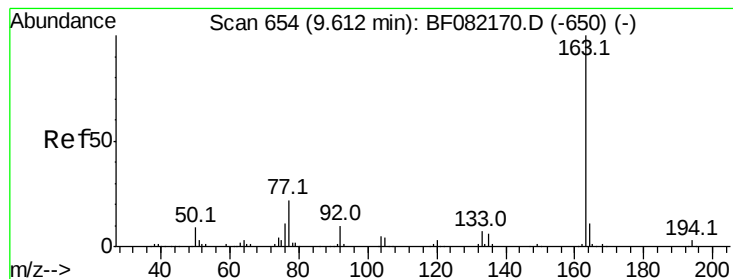
#44
 2-Fluorobiphenyl
 Concen: 98.39 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082444.D
 Acq: 22 Oct 2015 11:28

Tgt Ion:172 Resp: 1010578
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 42.8
 170 24.6 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





#49

Dimethylphthalate

Concen: 16.86 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF082444.D

Acq: 22 Oct 2015 11:28

Instrument :

BNA_F

ClientSampleId :

COFF-04(0-2)

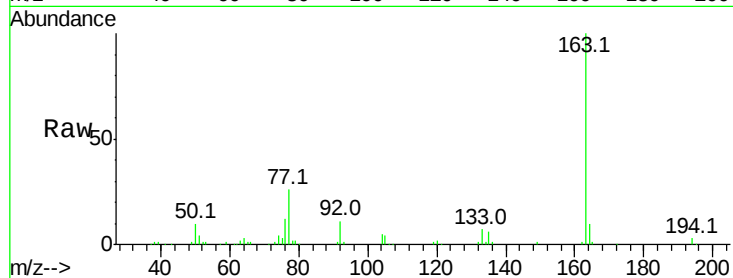
Tot Ion:163 Resp: 202253

Ion Ratio Lower Upper

163 100

194 3.0 2.6 4.0

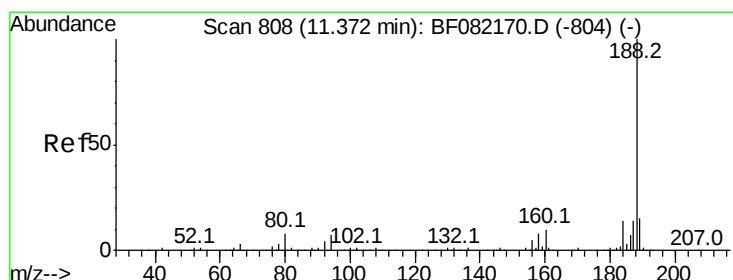
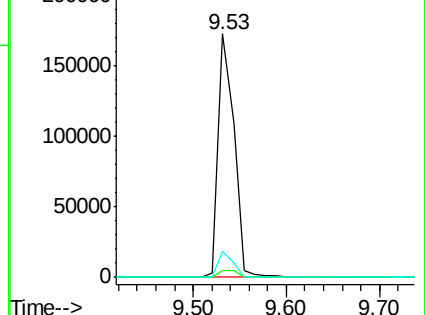
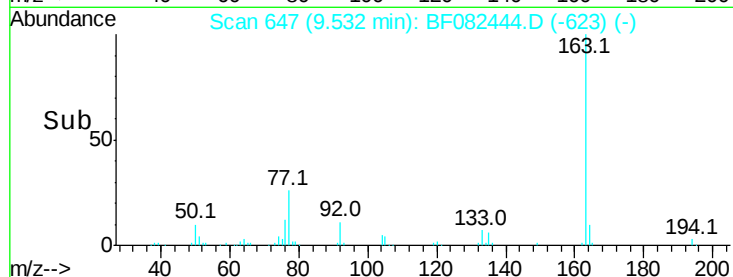
164 10.4 8.5 12.7



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: 11.30 min Scan# 802

Delta R.T. -0.00 min

Lab File: BF082444.D

Acq: 22 Oct 2015 11:28

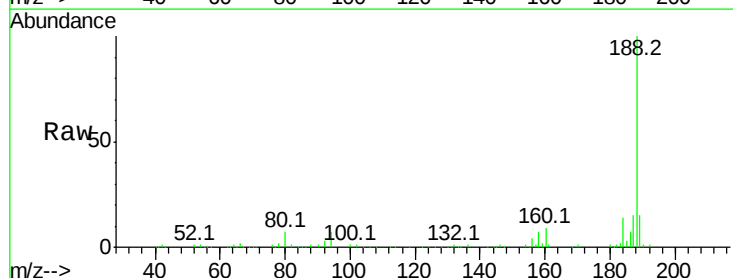
Tgt Ion:188 Resp: 268164

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.6

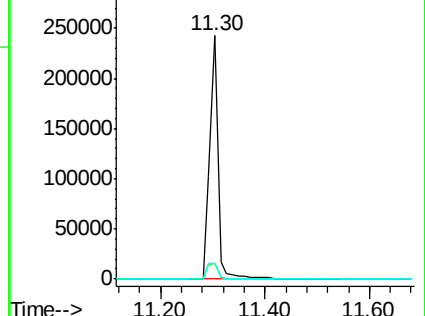
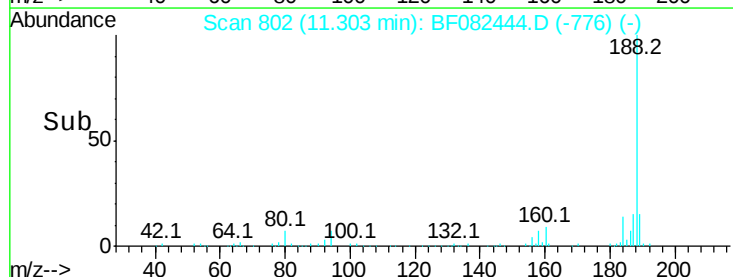
80 6.6 6.4 9.6

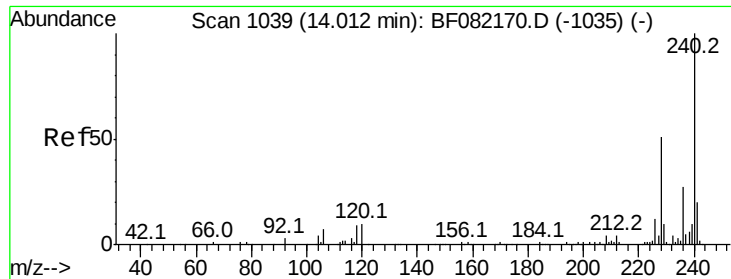


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.98 min Scan# 1036

Delta R.T. -0.03 min

Lab File: BF082444.D

Acq: 22 Oct 2015 11:28

Instrument :

BNA_F

ClientSampleId :

COFF-04(0-2)

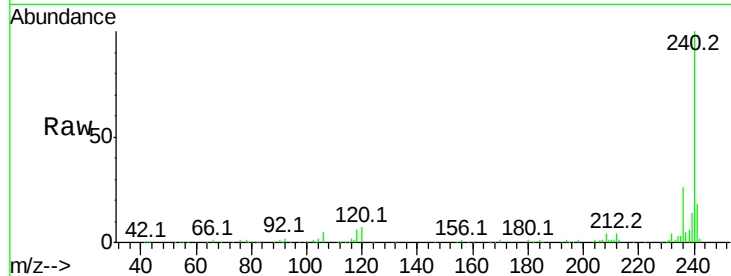
Tot Ion:240 Resp: 240156

Ion Ratio Lower Upper

240 100

120 7.0 8.1 12.1#

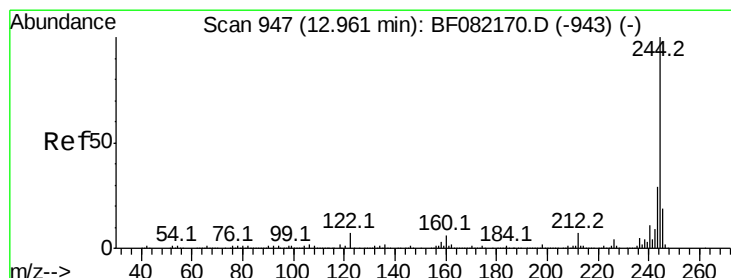
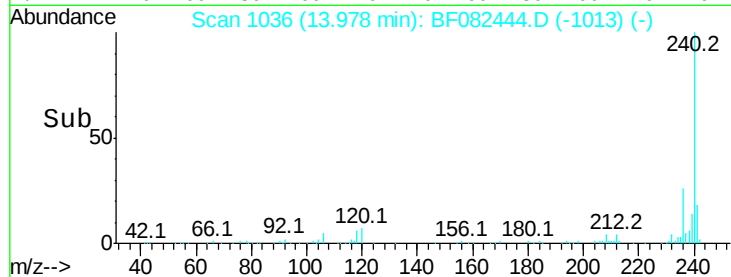
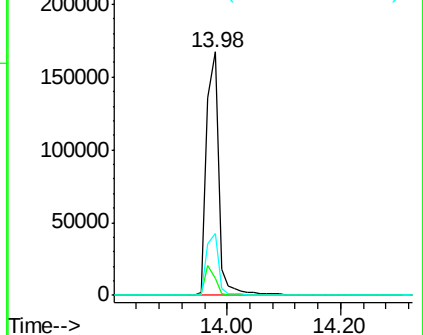
236 25.5 21.3 31.9



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: 77.76 ng

RT: 12.89 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF082444.D

Acq: 22 Oct 2015 11:28

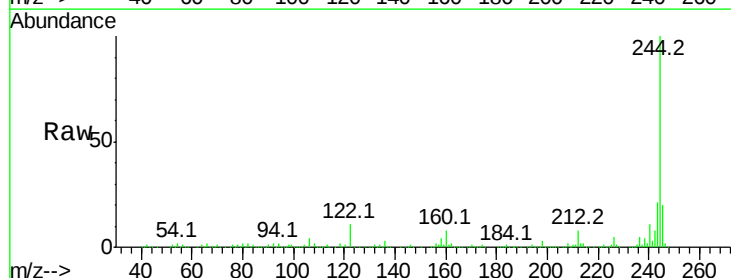
Tgt Ion:244 Resp: 704722

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.6

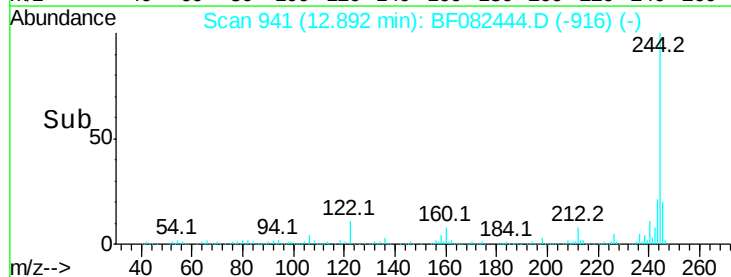
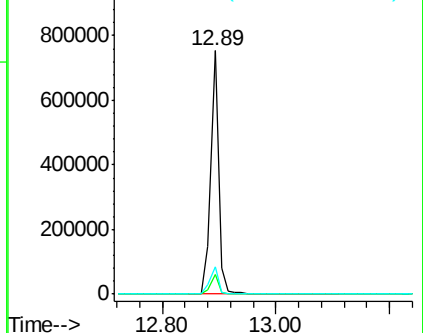
122 11.1 5.9 8.9#

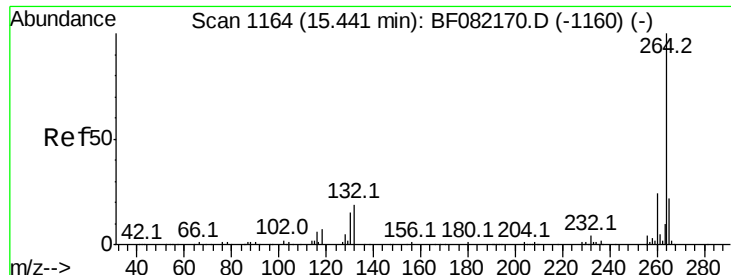


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



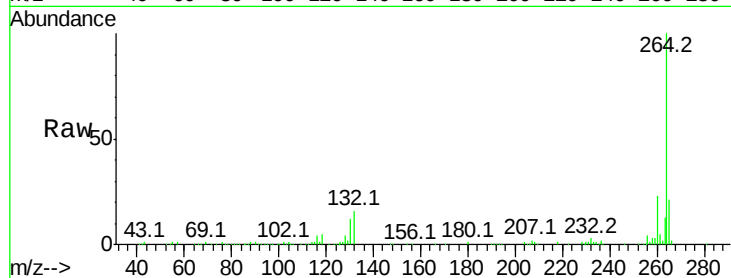


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.48 min Scan# 1167
Delta R.T. -0.06 min
Lab File: BF082444.D
Acq: 22 Oct 2015 11:28

Instrument :
BNA_F
ClientSampleId :
COFF-04(0-2)

Tot Ion: 264 Resp: 228816

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.6
265	21.1	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

