

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
 Data File : BF084176.D
 Acq On : 31 Dec 2015 5:38
 Operator : UM/SJ
 Sample : G4979-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-25

Quant Time: Dec 31 12:35:34 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 31 04:29:55 2015
 Response via : Initial Calibration

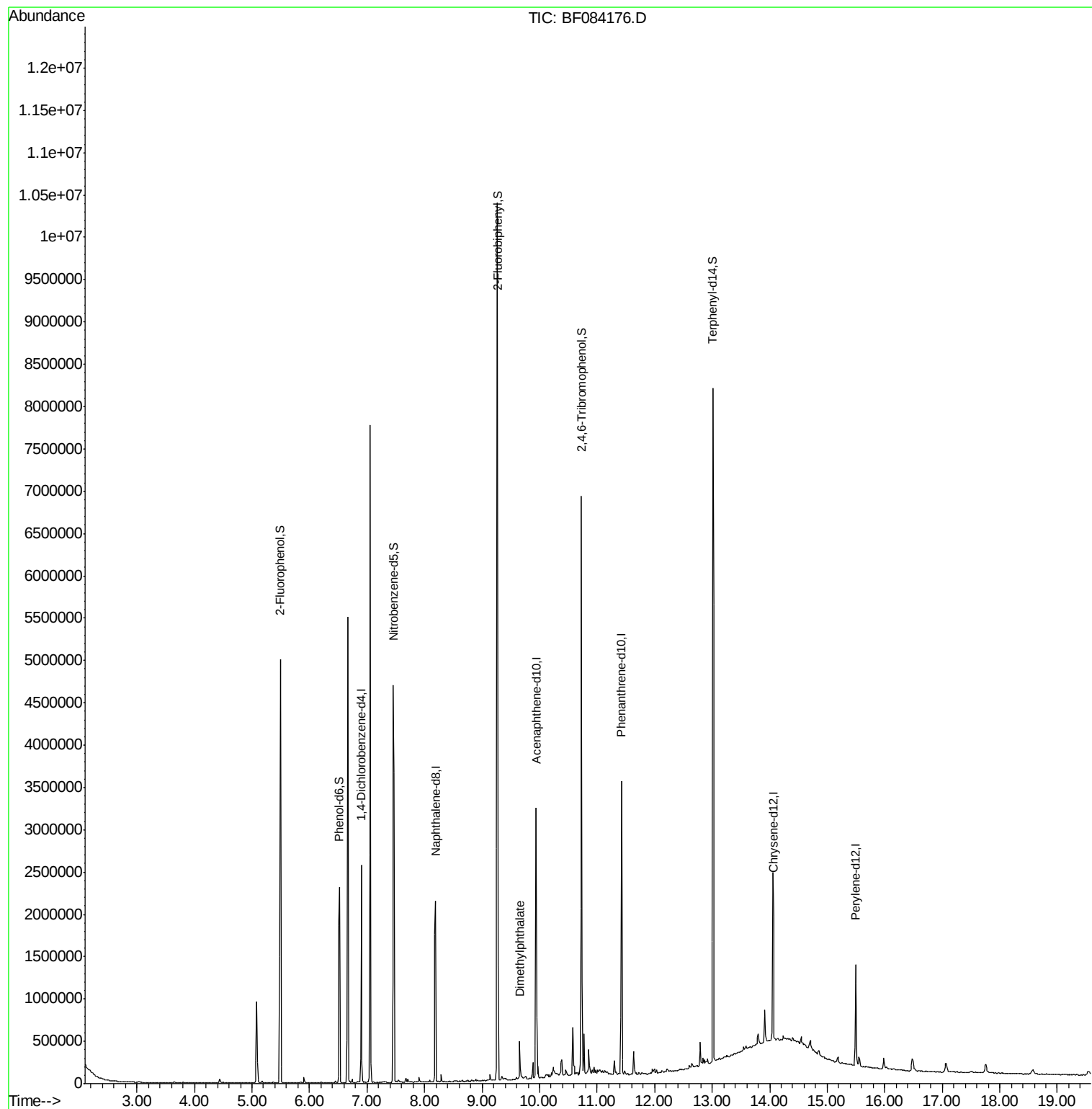
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	323404	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1316920	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	604973	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1133855	20.00	ng	0.00
75) Chrysene-d12	14.07	240	860554	20.00	ng	0.00
86) Perylene-d12	15.49	264	633174	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1214296	60.21	ng	0.00
7) Phenol-d6	6.52	99	1030462	39.47	ng	0.00
23) Nitrobenzene-d5	7.46	82	2136723	95.87	ng	-0.01
41) 2,4,6-Tribromophenol	10.73	330	756871	125.34	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	3002116	84.73	ng	0.00
78) Terphenyl-d14	13.01	244	3247786	88.89	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.65	163	165768	3.81	ng	Qvalue # 99

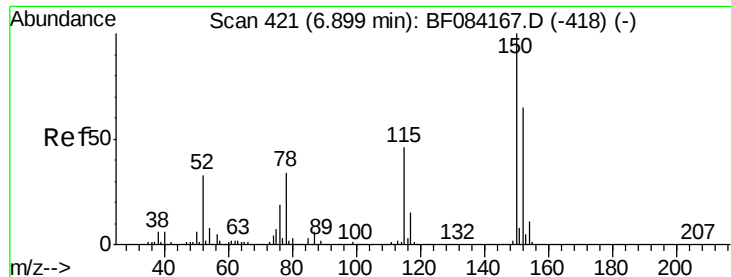
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 31 04:29:55 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 421

Delta R.T. 0.00 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

Instrument :

BNA_F

ClientSampled :

W-25

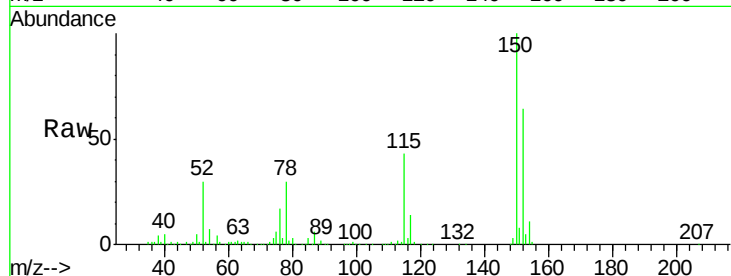
Tot Ion:152 Resp: 323404

Ion Ratio Lower Upper

152 100

150 156.7 123.8 185.8

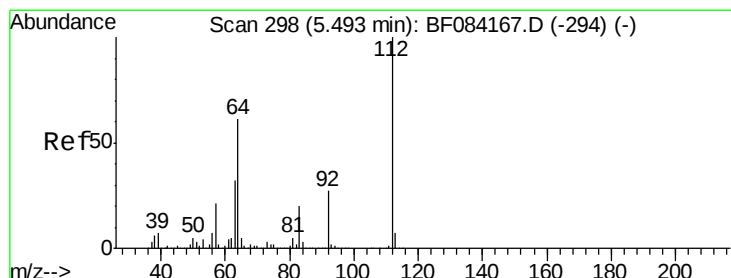
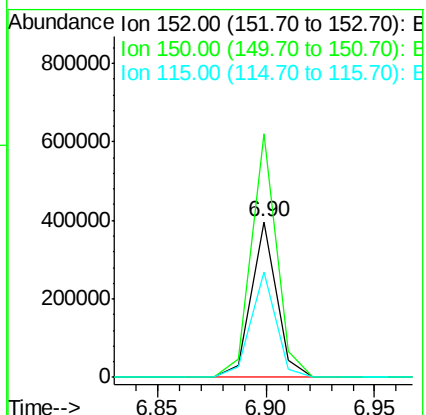
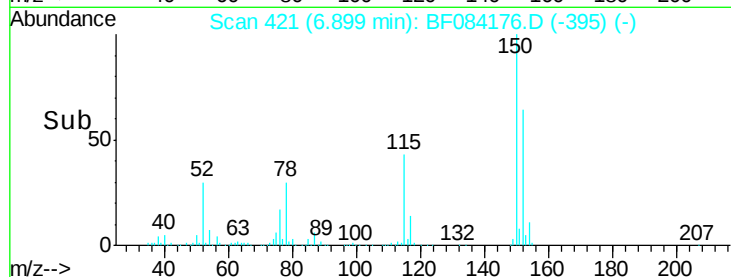
115 68.1 57.1 85.7



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: 60.21 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

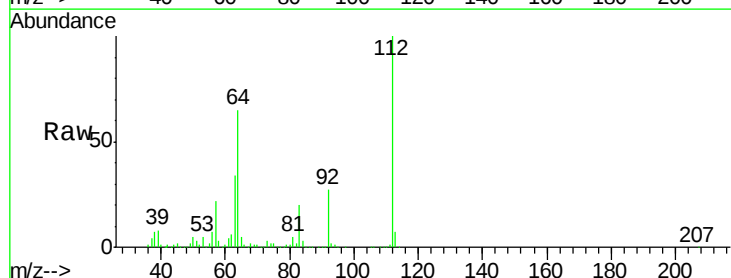
Tgt Ion:112 Resp: 1214296

Ion Ratio Lower Upper

112 100

64 65.3 48.7 73.1

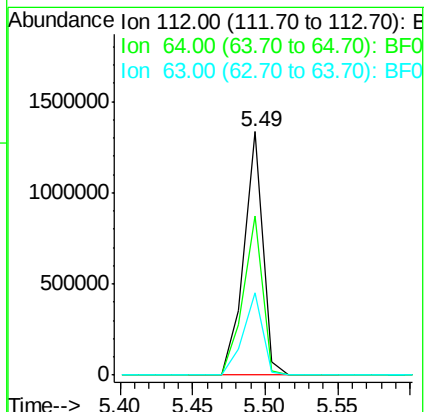
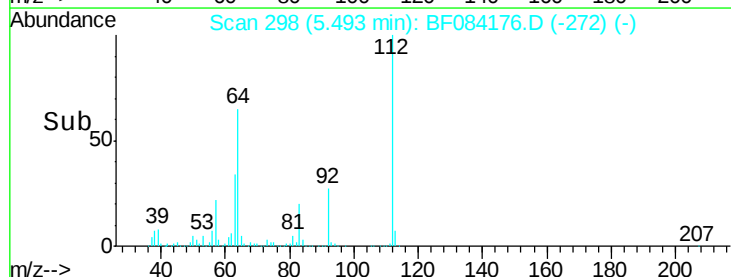
63 33.8 25.9 38.9

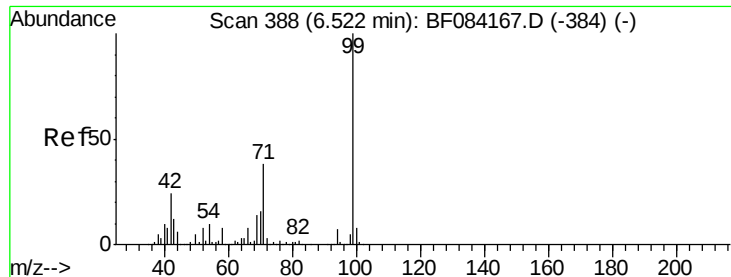


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.47 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

Instrument :

BNA_F

ClientSampleId :

W-25

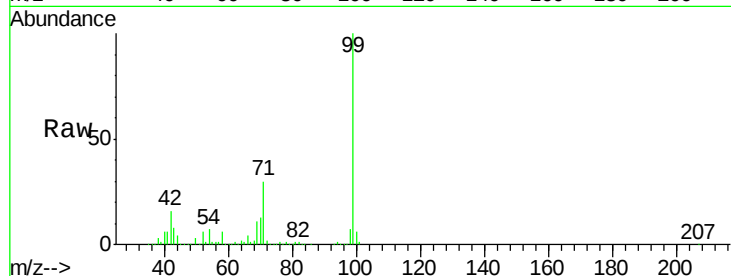
Tot Ion: 99 Resp: 1030462

Ion Ratio Lower Upper

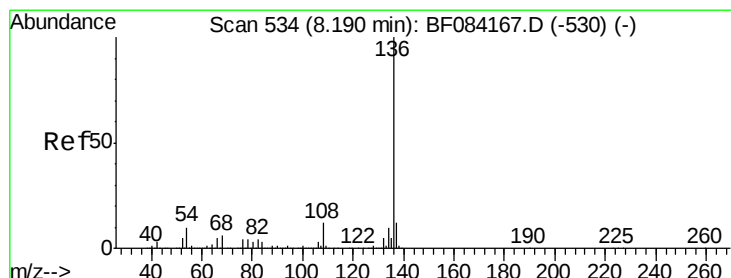
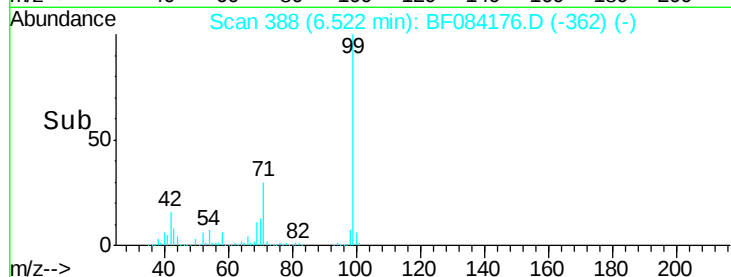
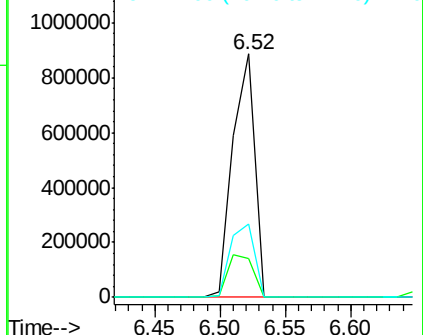
99 100

42 15.9 19.2 28.8#

71 30.1 30.4 45.6#



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: 8.19 min Scan# 534

Delta R.T. 0.00 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

Tgt Ion: 136 Resp: 1316920

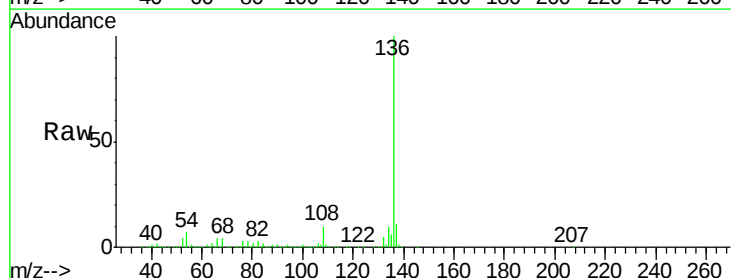
Ion Ratio Lower Upper

136 100

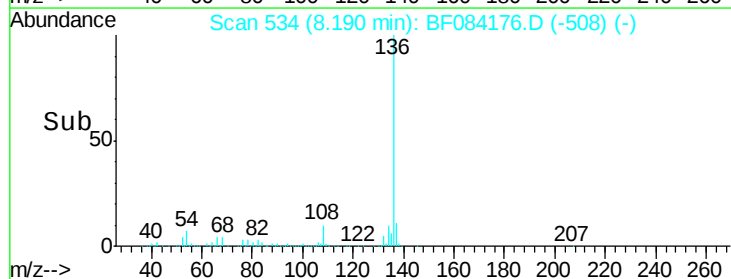
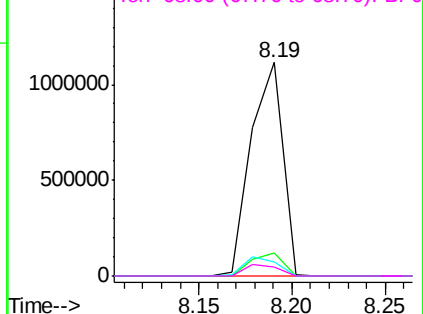
137 10.8 9.4 14.0

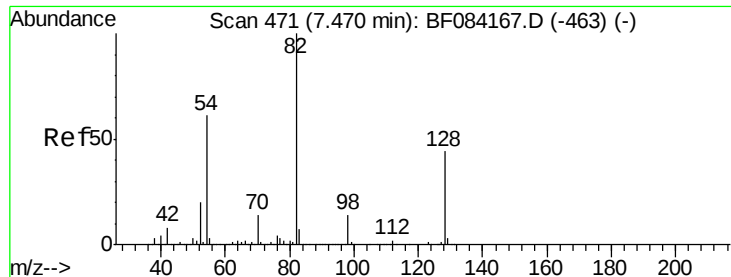
54 6.7 7.6 11.4#

68 4.1 4.6 6.8#



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: 95.87 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.01 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

Instrument :

BNA_F

ClientSampleId :

W-25

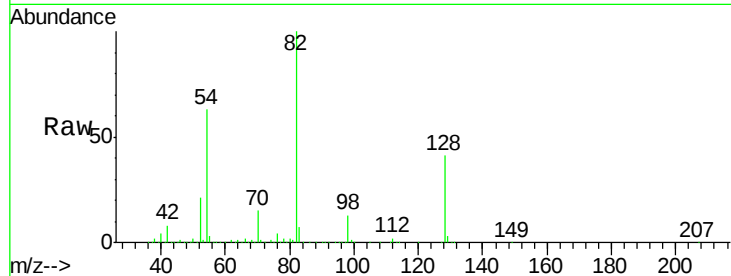
Tot Ion: 82 Resp: 2136723

Ion Ratio Lower Upper

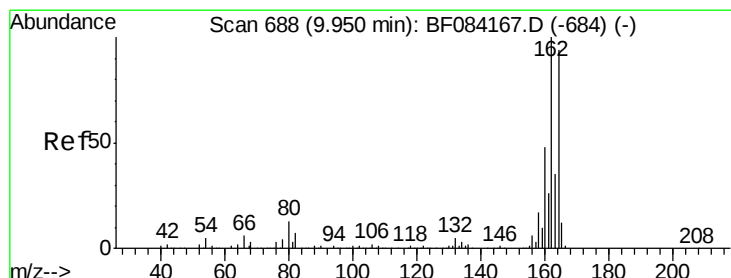
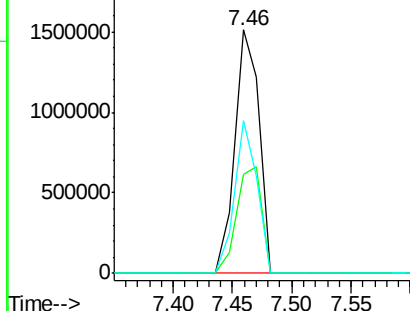
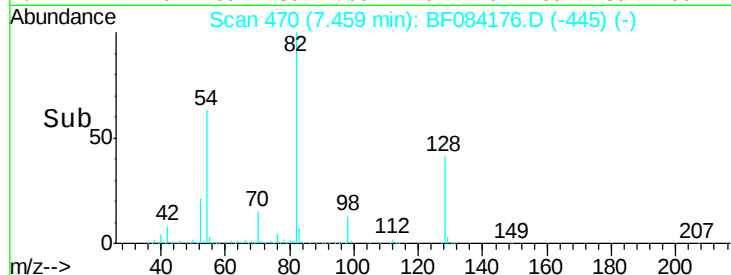
82 100

128 40.7 35.0 52.4

54 62.8 48.5 72.7



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: 9.94 min Scan# 687

Delta R.T. -0.01 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

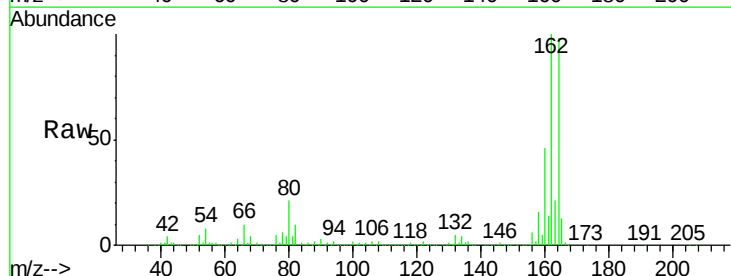
Tgt Ion:164 Resp: 604973

Ion Ratio Lower Upper

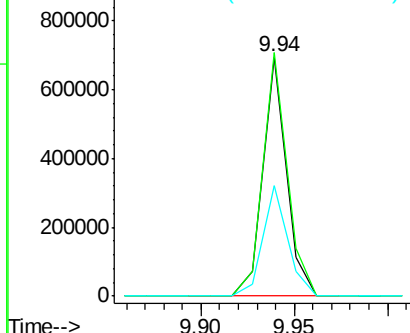
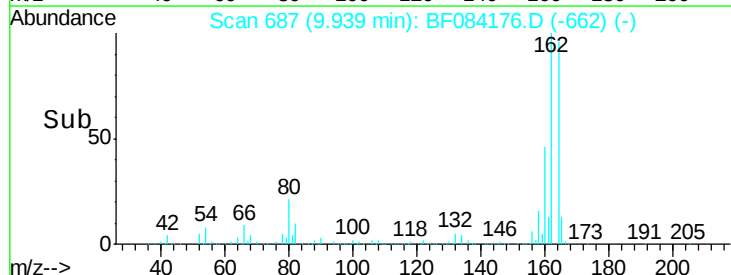
164 100

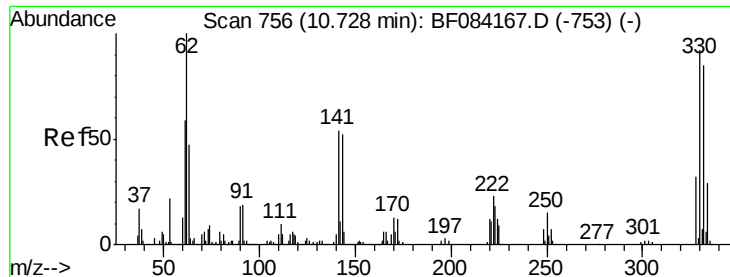
162 101.8 84.8 127.2

160 46.4 40.4 60.6



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

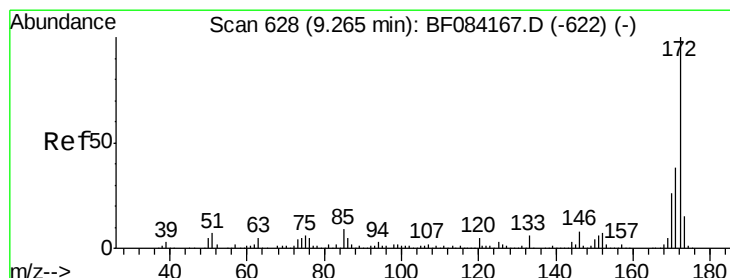
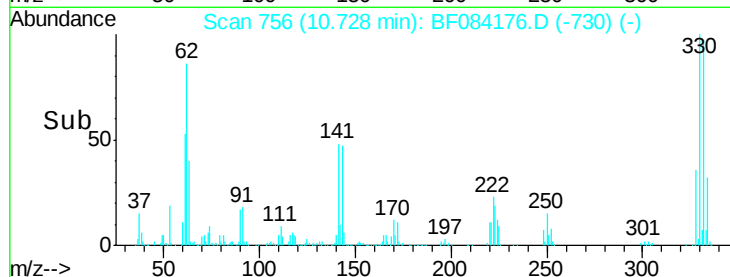
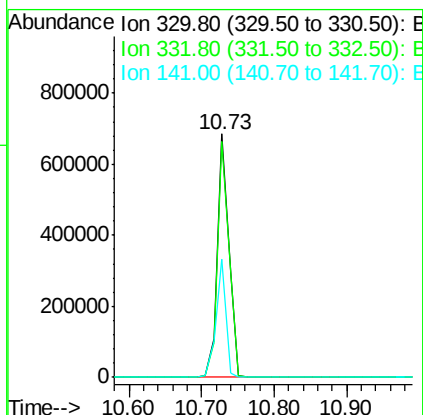
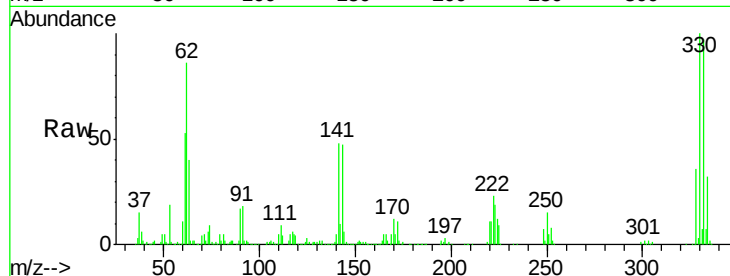




#41
 2,4,6-Tribromophenol
 Concen: 125.34 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.00 min
 Lab File: BF084176.D
 Acq: 31 Dec 2015 5:38

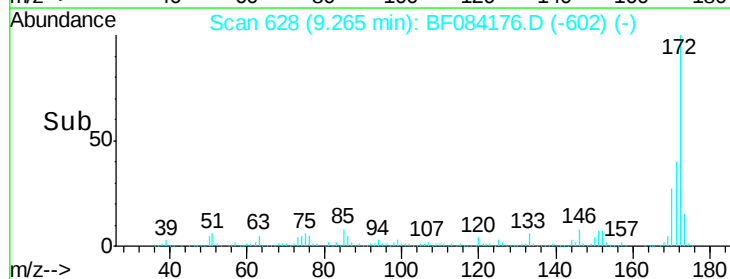
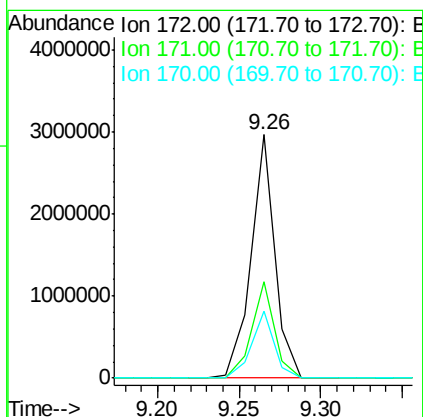
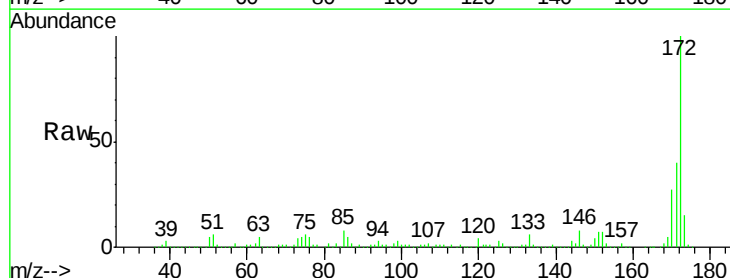
Instrument :
 BNA_F
 ClientSampled :
 W-25

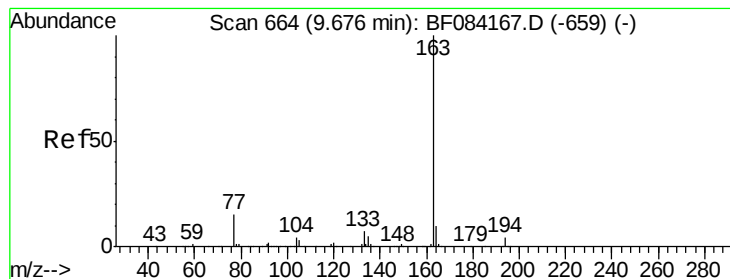
Tot Ion:330 Resp: 756871
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.2 114.2
 141 41.2 31.3 46.9



#44
 2-Fluorobiphenyl
 Concen: 84.73 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084176.D
 Acq: 31 Dec 2015 5:38

Tgt Ion:172 Resp: 3002116
 Ion Ratio Lower Upper
 172 100
 171 39.5 30.6 46.0
 170 27.5 20.6 30.8





#49

Dimethylphthalate

Concen: 3.81 ng

RT: 9.65 min Scan# 662

Delta R.T. -0.02 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

Instrument :

BNA_F

ClientSampleId :

W-25

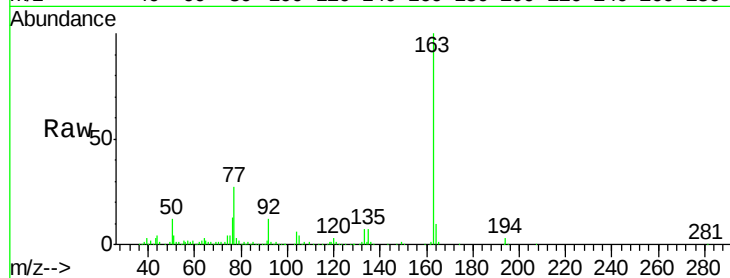
Tot Ion:163 Resp: 165768

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.6#

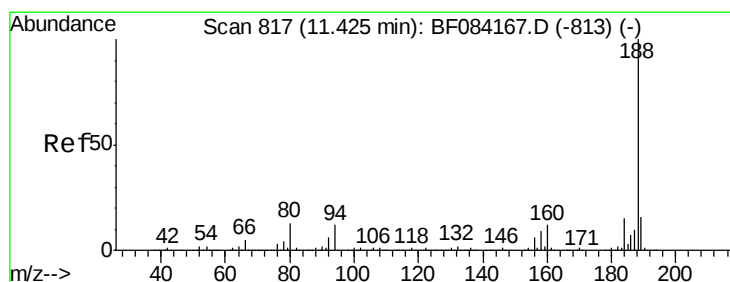
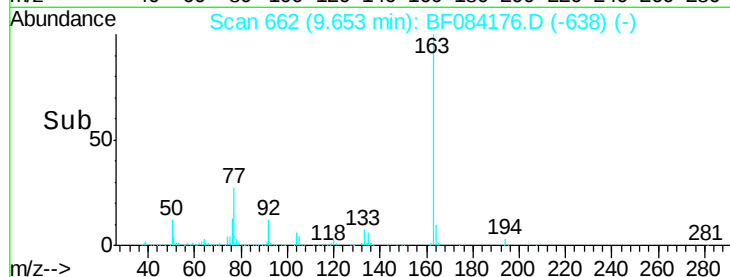
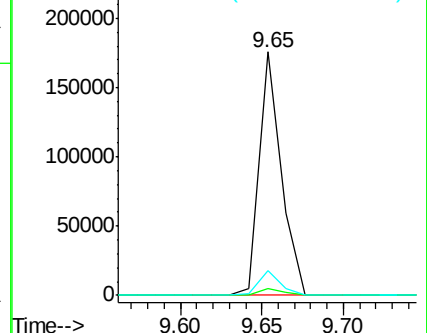
164 10.4 8.2 12.4



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: 11.42 min Scan# 817

Delta R.T. 0.00 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

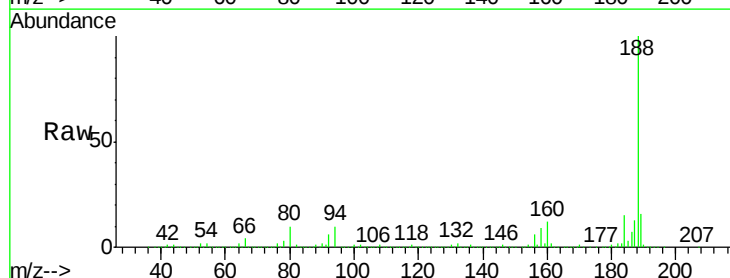
Tgt Ion:188 Resp: 1133855

Ion Ratio Lower Upper

188 100

94 9.7 9.2 13.8

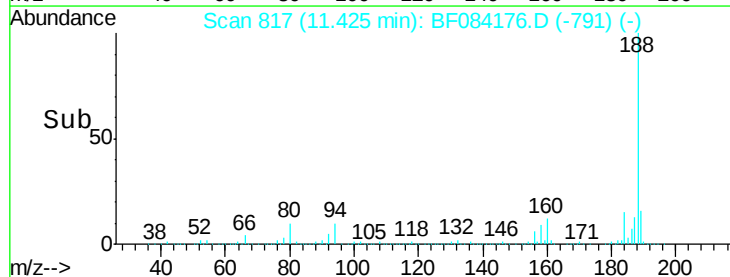
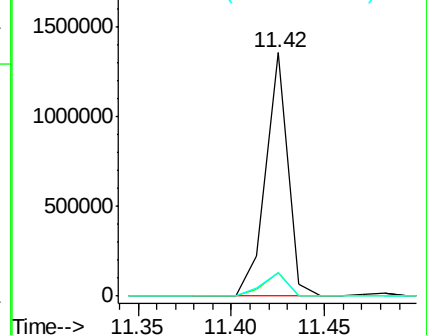
80 9.7 10.1 15.1#

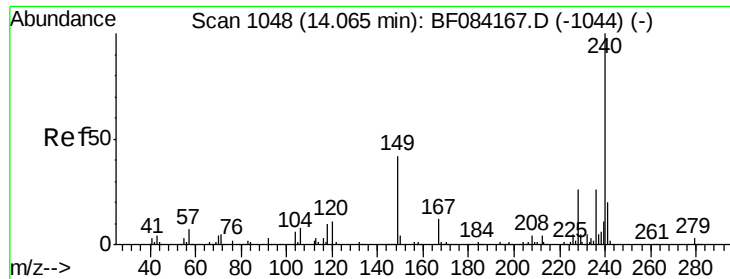


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.07 min Scan# 1048

Delta R.T. 0.00 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

Instrument :

BNA_F

ClientSampleId :

W-25

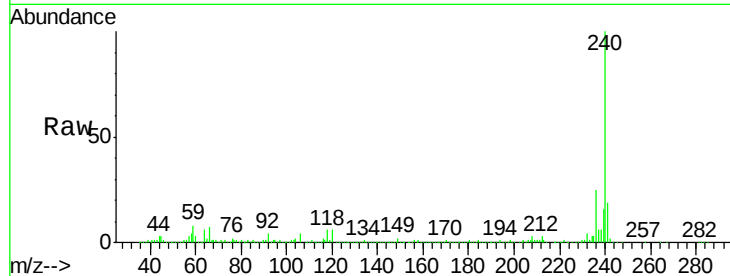
Tot Ion:240 Resp: 860554

Ion Ratio Lower Upper

240 100

120 6.1 8.8 13.2#

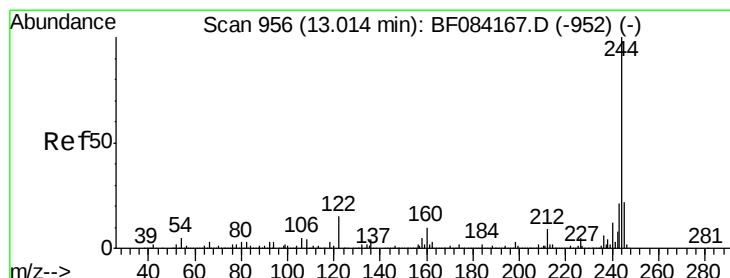
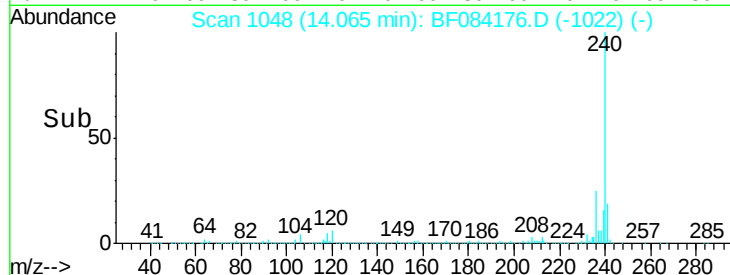
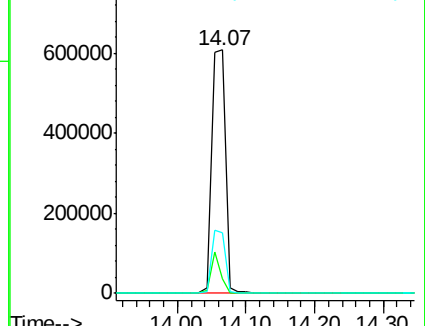
236 25.1 20.8 31.2



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: 88.89 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084176.D

Acq: 31 Dec 2015 5:38

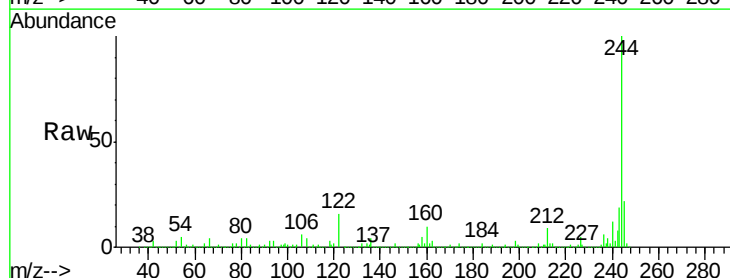
Tgt Ion:244 Resp: 3247786

Ion Ratio Lower Upper

244 100

212 8.7 7.0 10.4

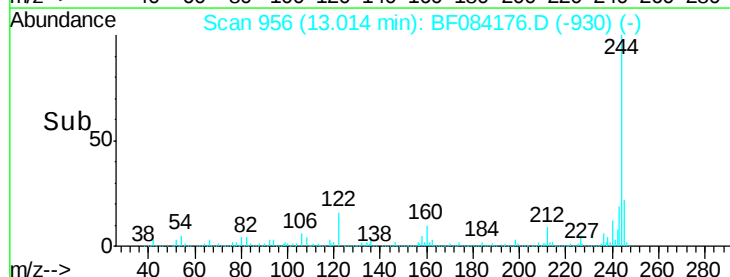
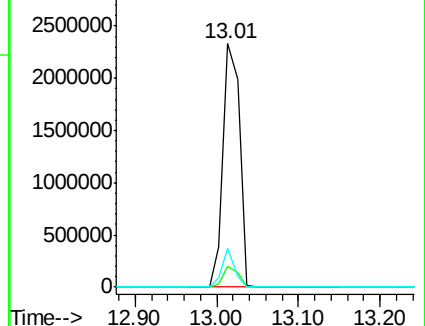
122 16.2 11.9 17.9

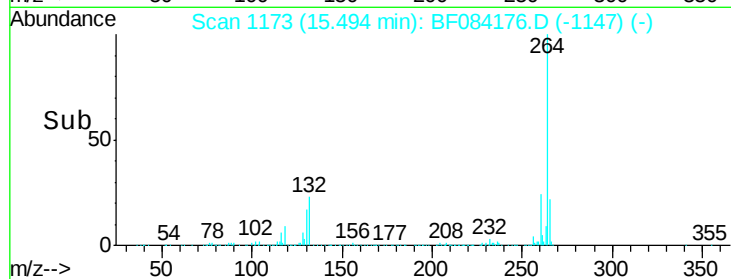
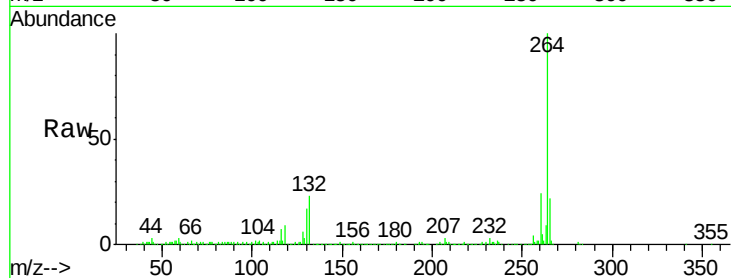
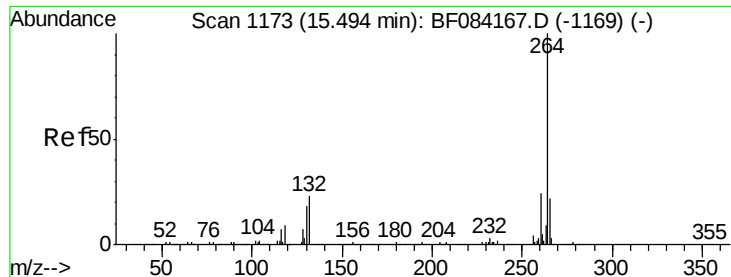


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.49 min Scan# 1173
Delta R.T. 0.00 min
Lab File: BF084176.D
Acq: 31 Dec 2015 5:38

Instrument :
BNA_F
ClientSampleId :
W-25

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	22.2	18.0	27.0

