

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123015\
 Data File : BF084181.D
 Acq On : 31 Dec 2015 7:55
 Operator : UM/SJ
 Sample : G4979-07
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-40

Quant Time: Dec 31 16:12:05 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

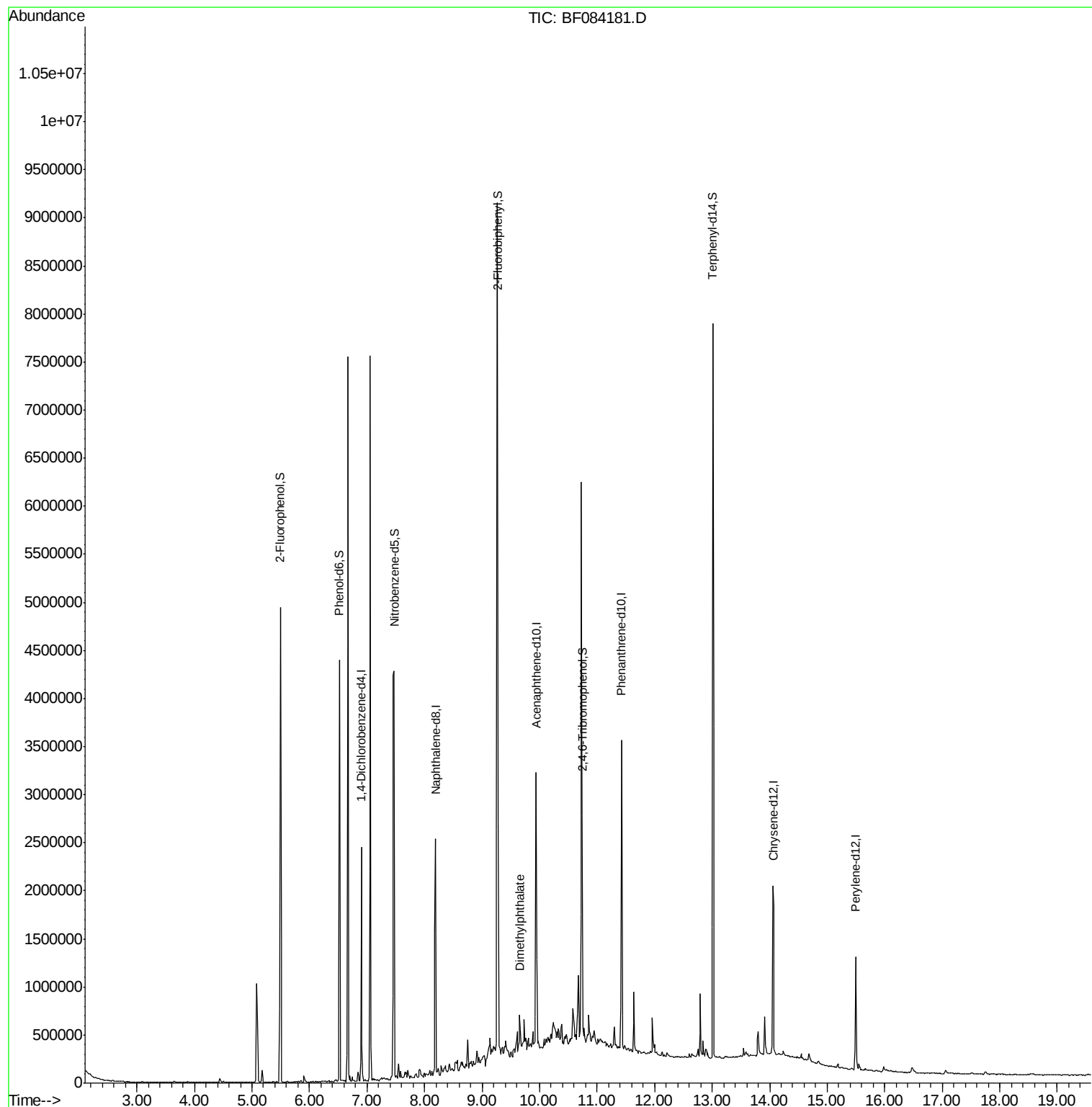
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	320833	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	1303983	20.00	ng	0.00
38) Acenaphthene-d10	9.94	164	577179	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	1050809	20.00	ng	0.00
75) Chrysene-d12	14.07	240	858719	20.00	ng	0.00
86) Perylene-d12	15.49	264	612407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1354648	67.71	ng	0.00
7) Phenol-d6	6.52	99	1271748	49.11	ng	0.00
23) Nitrobenzene-d5	7.47	82	2084244	94.44	ng	0.00
41) 2,4,6-Tribromophenol	10.74	330	797433	138.42	ng	0.01
44) 2-Fluorobiphenyl	9.26	172	2944018	87.96	ng	0.00
78) Terphenyl-d14	13.01	244	2713039	74.41	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.65	163	168692	4.07	ng	Qvalue # 96

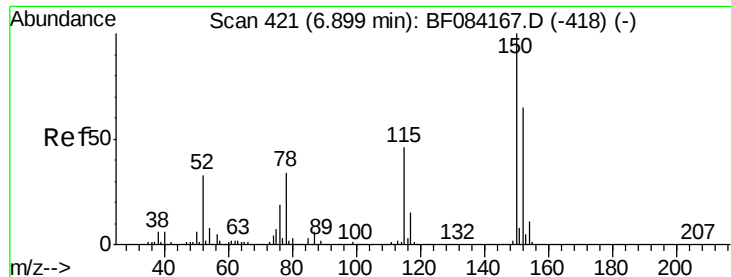
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF084181.D

Acq: 31 Dec 2015 7:55

Instrument :

BNA_F

ClientSampleId :

W-40

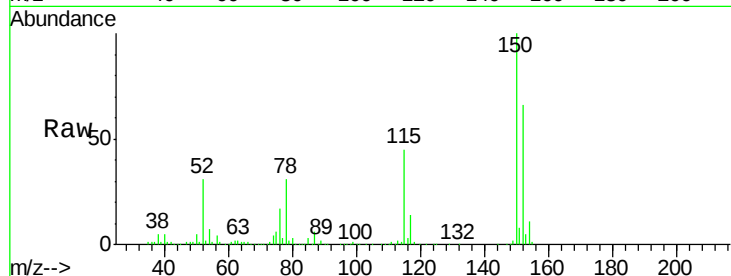
Tot Ion:152 Resp: 320833

Ion Ratio Lower Upper

152 100

150 151.0 123.8 185.8

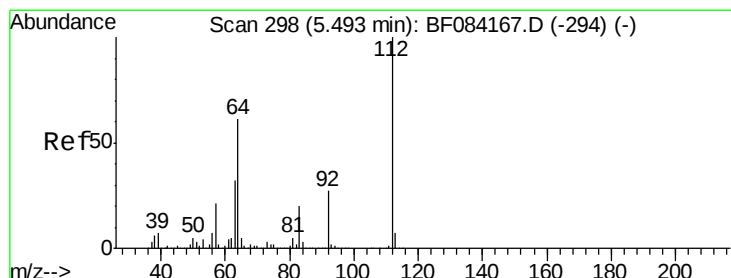
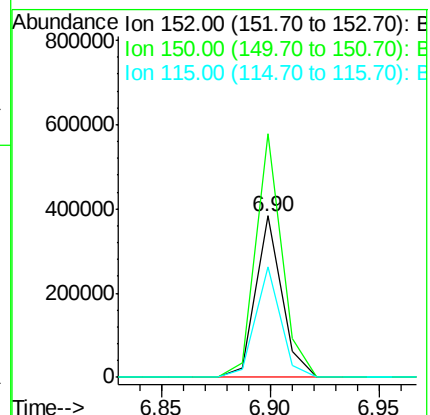
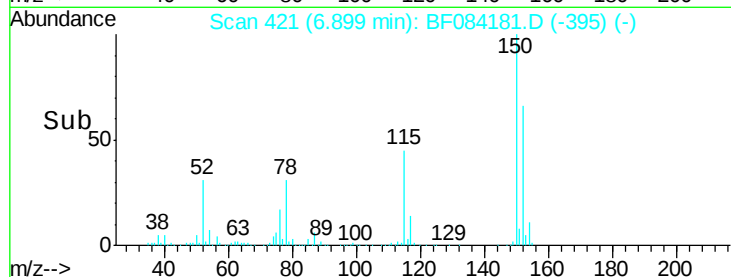
115 68.3 57.1 85.7



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: 67.71 ng

RT: 5.49 min Scan# 298

Delta R.T. 0.00 min

Lab File: BF084181.D

Acq: 31 Dec 2015 7:55

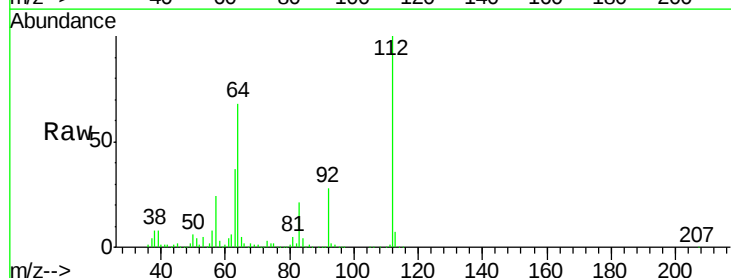
Tgt Ion:112 Resp: 1354648

Ion Ratio Lower Upper

112 100

64 68.4 48.7 73.1

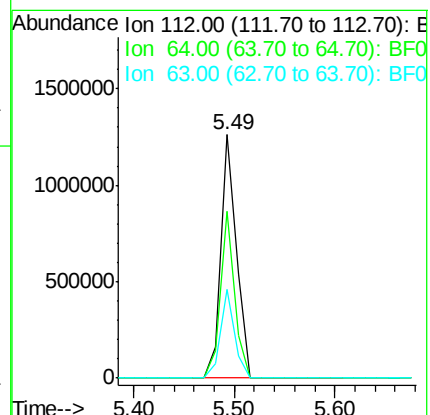
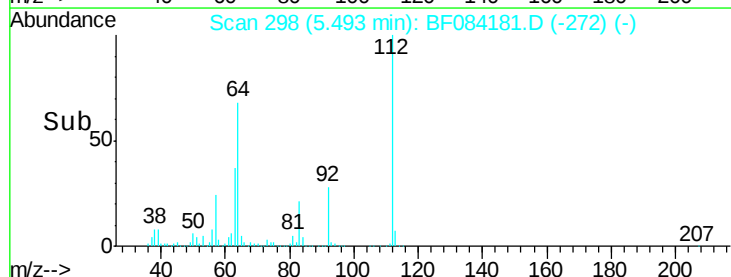
63 36.6 25.9 38.9

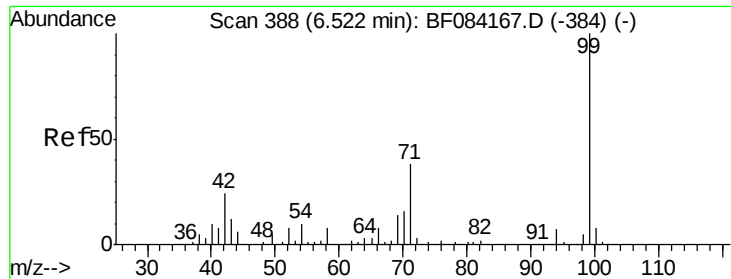


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 49.11 ng

RT: 6.52 min Scan# 388

Delta R.T. 0.00 min

Lab File: BF084181.D

Acq: 31 Dec 2015 7:55

Instrument :

BNA_F

ClientSampleId :

W-40

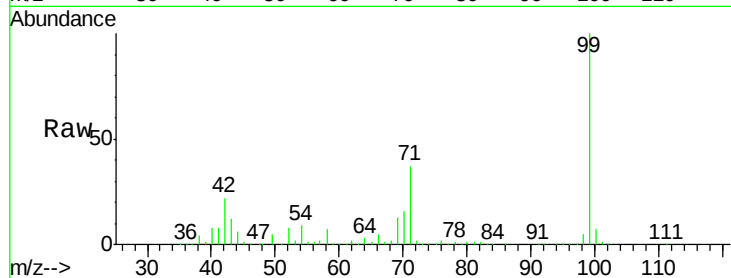
Tot Ion: 99 Resp: 1271748

Ion Ratio Lower Upper

99 100

42 22.1 19.2 28.8

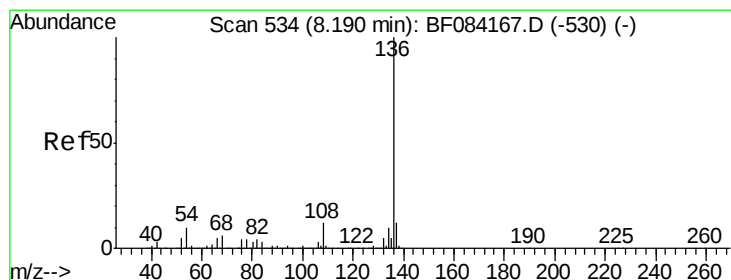
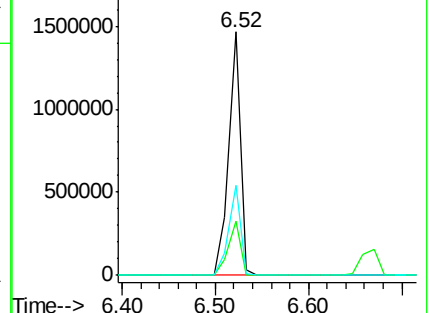
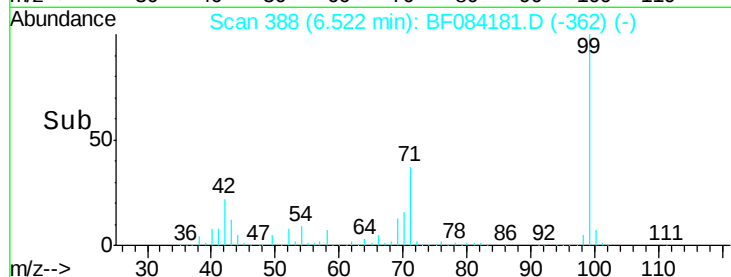
71 37.0 30.4 45.6



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: BF084181.D

Acq: 31 Dec 2015 7:55

Tgt Ion:136 Resp: 1303983

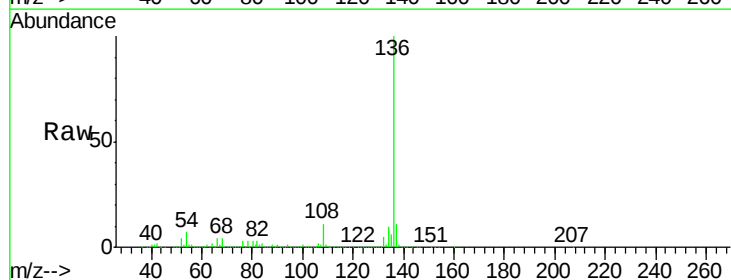
Ion Ratio Lower Upper

136 100

137 11.1 9.4 14.0

54 7.5 7.6 11.4#

68 4.4 4.6 6.8#

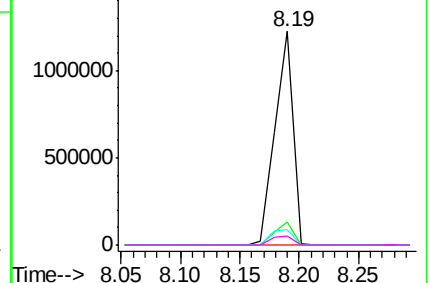
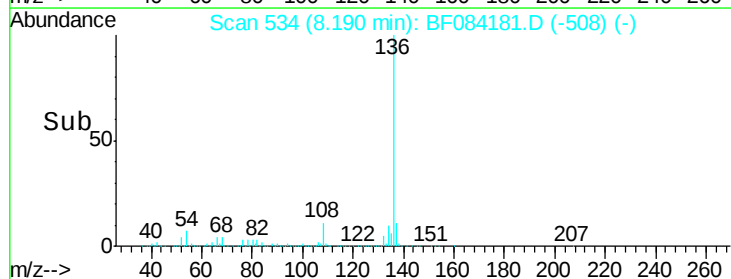


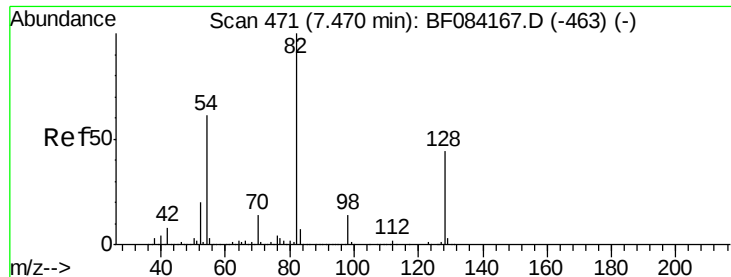
Abundance Ion 136.00 (135.70 to 136.70): E

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: 94.44 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.00 min

Lab File: BF084181.D

Acq: 31 Dec 2015 7:55

Instrument :

BNA_F

ClientSampleId :

W-40

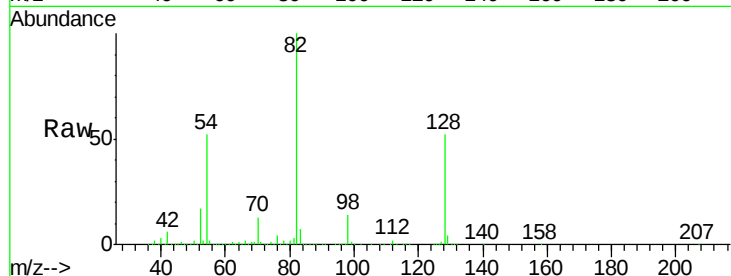
Tot Ion: 82 Resp: 2084244

Ion Ratio Lower Upper

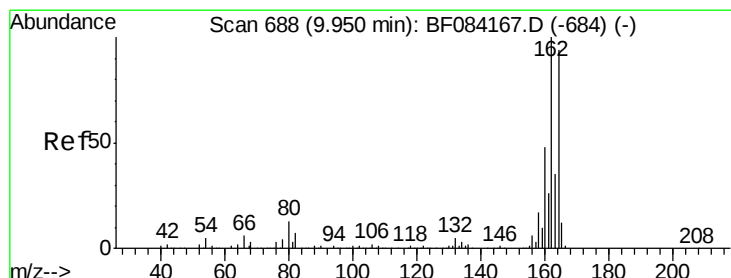
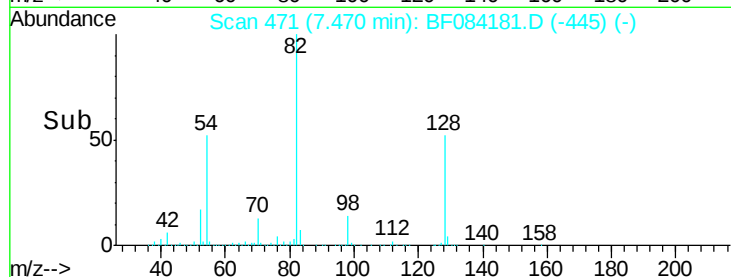
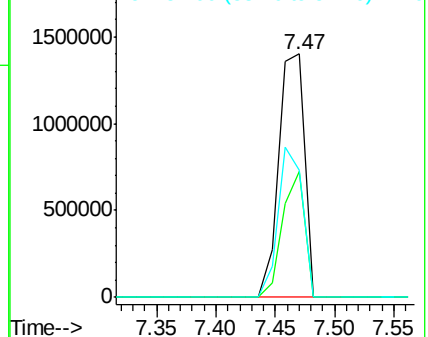
82 100

128 51.7 35.0 52.4

54 52.0 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: BF084181.D

Acq: 31 Dec 2015 7:55

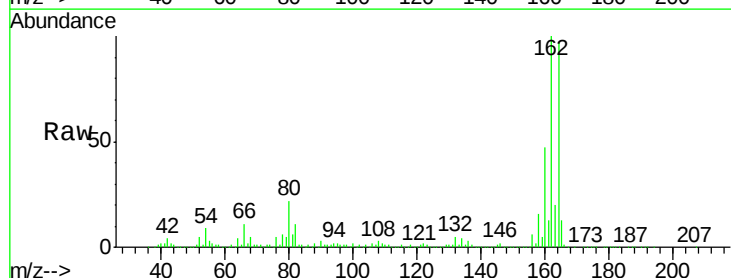
Tgt Ion:164 Resp: 577179

Ion Ratio Lower Upper

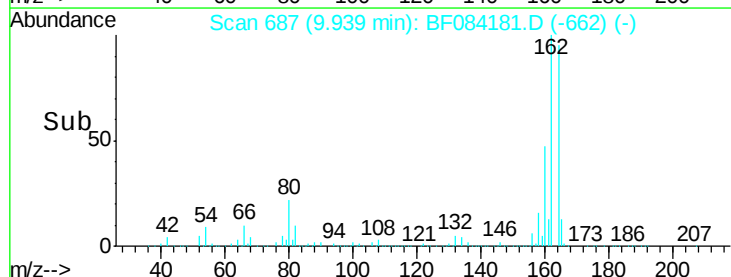
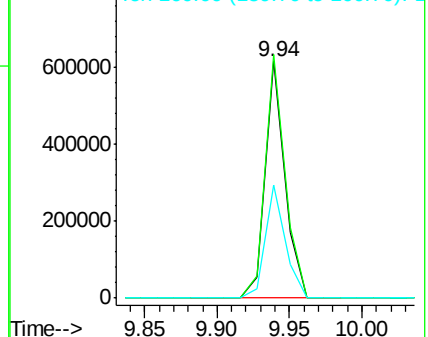
164 100

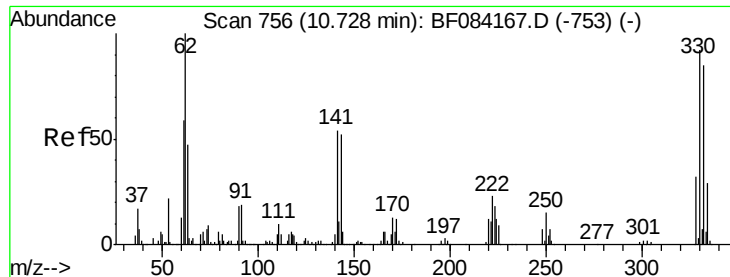
162 102.8 84.8 127.2

160 48.0 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

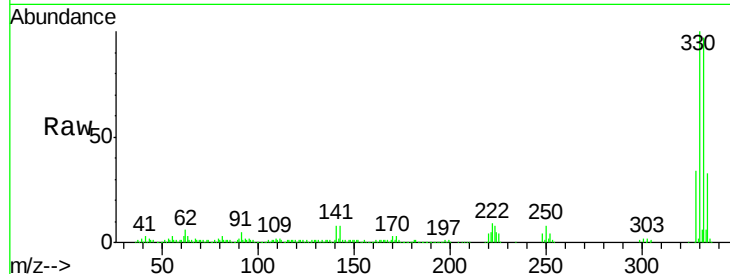




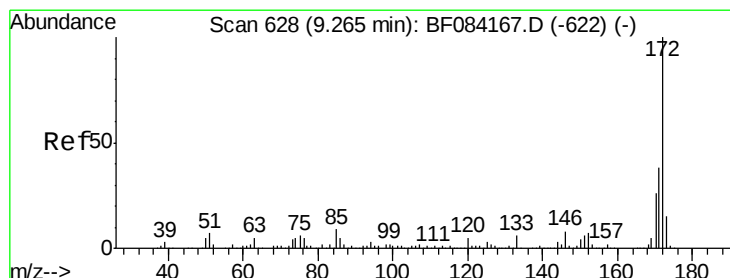
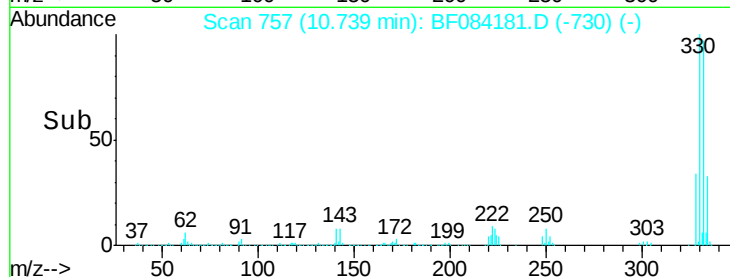
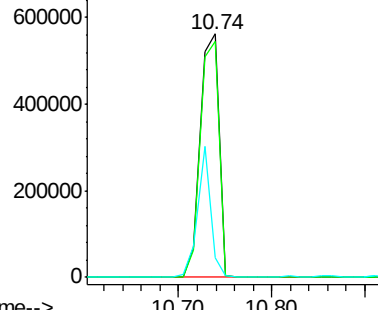
#41
 2,4,6-Tribromophenol
 Concen: 138.42 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.01 min
 Lab File: BF084181.D
 Acq: 31 Dec 2015 7:55

Instrument :
 BNA_F
 ClientSampleId :
 W-40

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.2	114.2
141	36.2	31.3	46.9

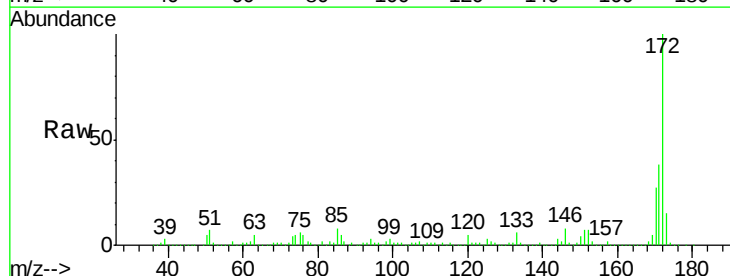


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

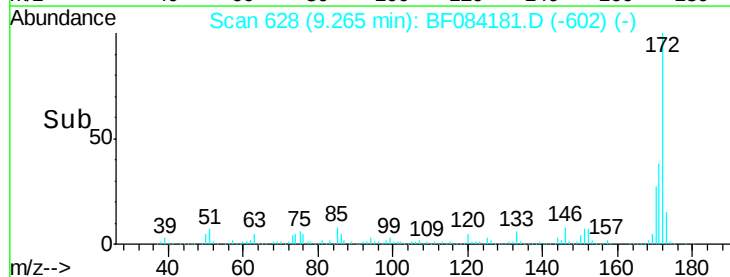
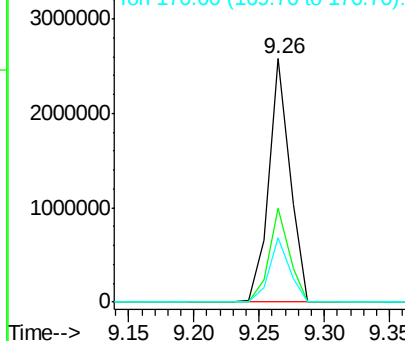


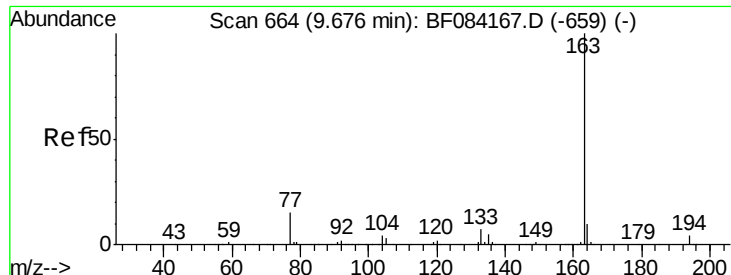
#44
 2-Fluorobiphenyl
 Concen: 87.96 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF084181.D
 Acq: 31 Dec 2015 7:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.6	46.0
170	26.5	20.6	30.8



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

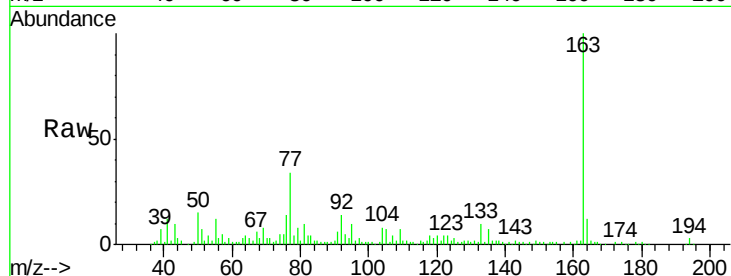




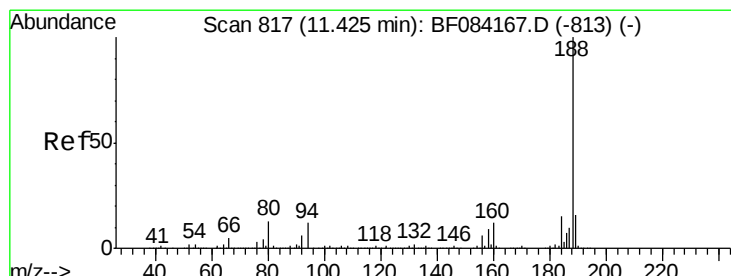
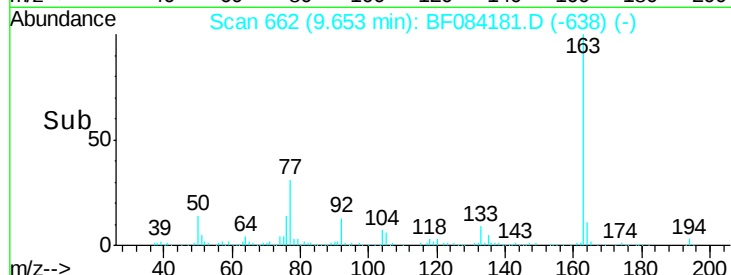
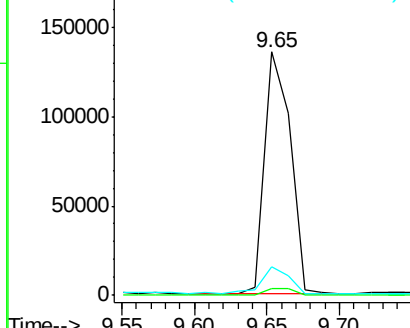
#49
Dimethylphthalate
Concen: 4.07 ng
RT: 9.65 min Scan# 662
Delta R.T. -0.02 min
Lab File: BF084181.D
Acq: 31 Dec 2015 7:55

Instrument :
BNA_F
ClientSampleId :
W-40

Tot Ion:163 Resp: 168692
Ion Ratio Lower Upper
163 100
194 2.5 3.0 4.6#
164 11.7 8.2 12.4

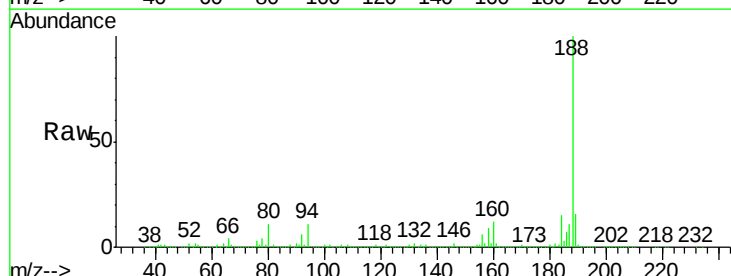


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

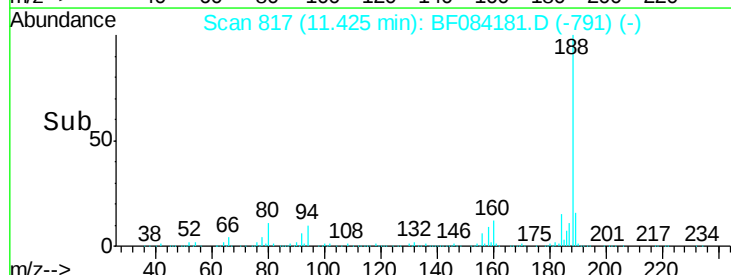
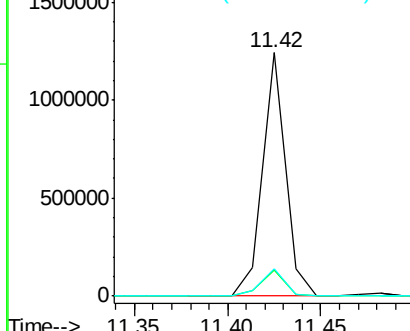


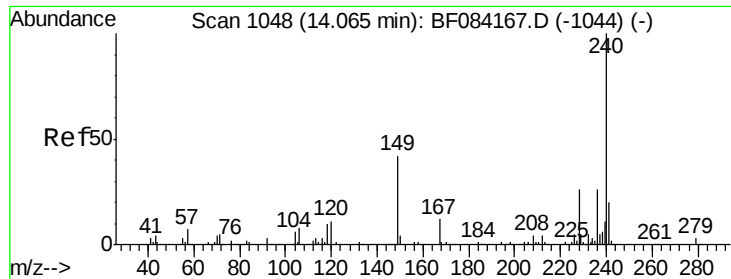
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF084181.D
Acq: 31 Dec 2015 7:55

Tgt Ion:188 Resp: 1050809
Ion Ratio Lower Upper
188 100
94 10.5 9.2 13.8
80 11.2 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: BF084181.D

Acq: 31 Dec 2015 7:55

Instrument :

BNA_F

ClientSampled :

W-40

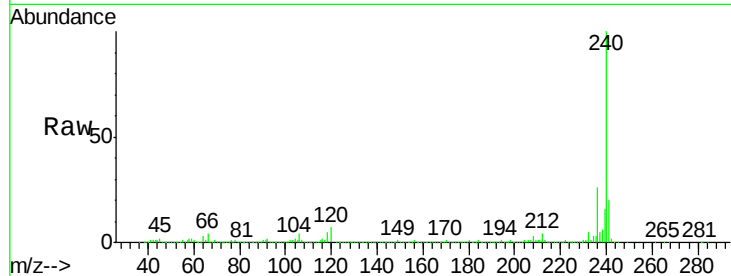
Tot Ion:240 Resp: 858719

Ion Ratio Lower Upper

240 100

120 6.6 8.8 13.2#

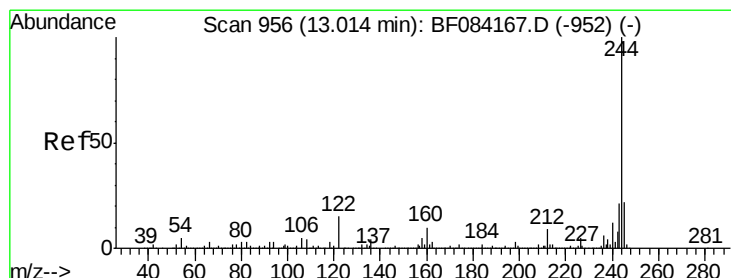
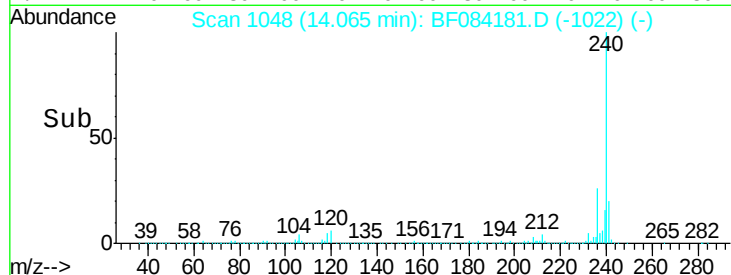
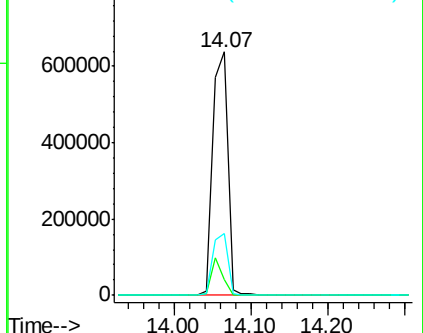
236 25.5 20.8 31.2



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: 74.41 ng

RT: 13.01 min Scan# 956

Delta R.T. 0.00 min

Lab File: BF084181.D

Acq: 31 Dec 2015 7:55

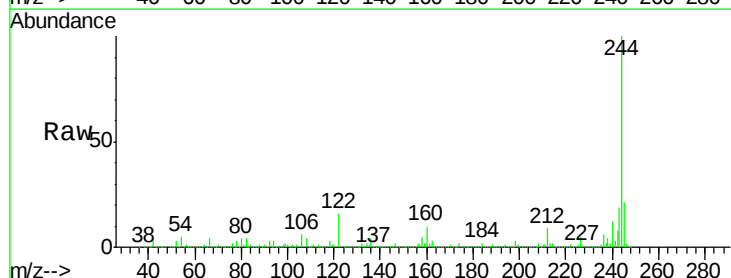
Tgt Ion:244 Resp: 2713039

Ion Ratio Lower Upper

244 100

212 8.6 7.0 10.4

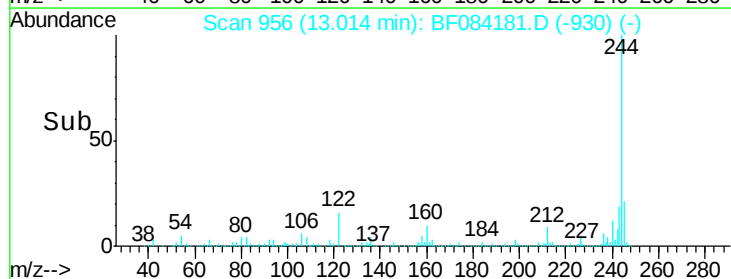
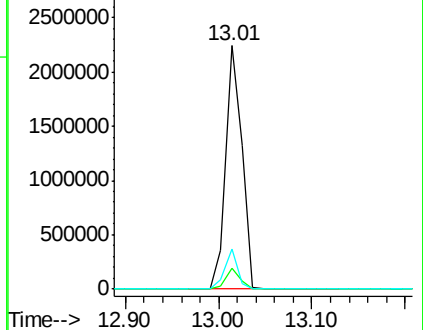
122 16.3 11.9 17.9

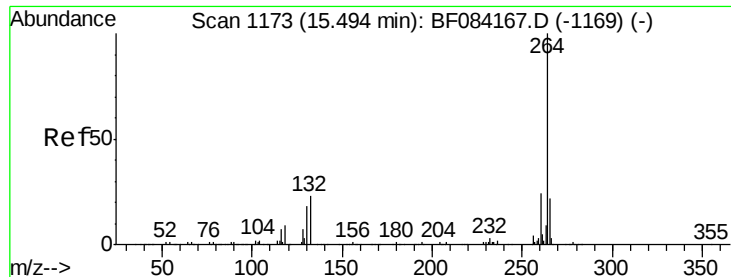


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF084181.D
Acq: 31 Dec 2015 7:55

Instrument :
BNA_F
ClientSampleId :
W-40

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	22.1	18.0	27.0

