

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
 Data File : BF088559.D
 Acq On : 1 Jul 2016 5:40
 Operator : UM/SJ
 Sample : H3747-04
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D9-B1(0-11)C

Quant Time: Jul 01 06:48:31 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 01 01:58:49 2016
 Response via : Initial Calibration

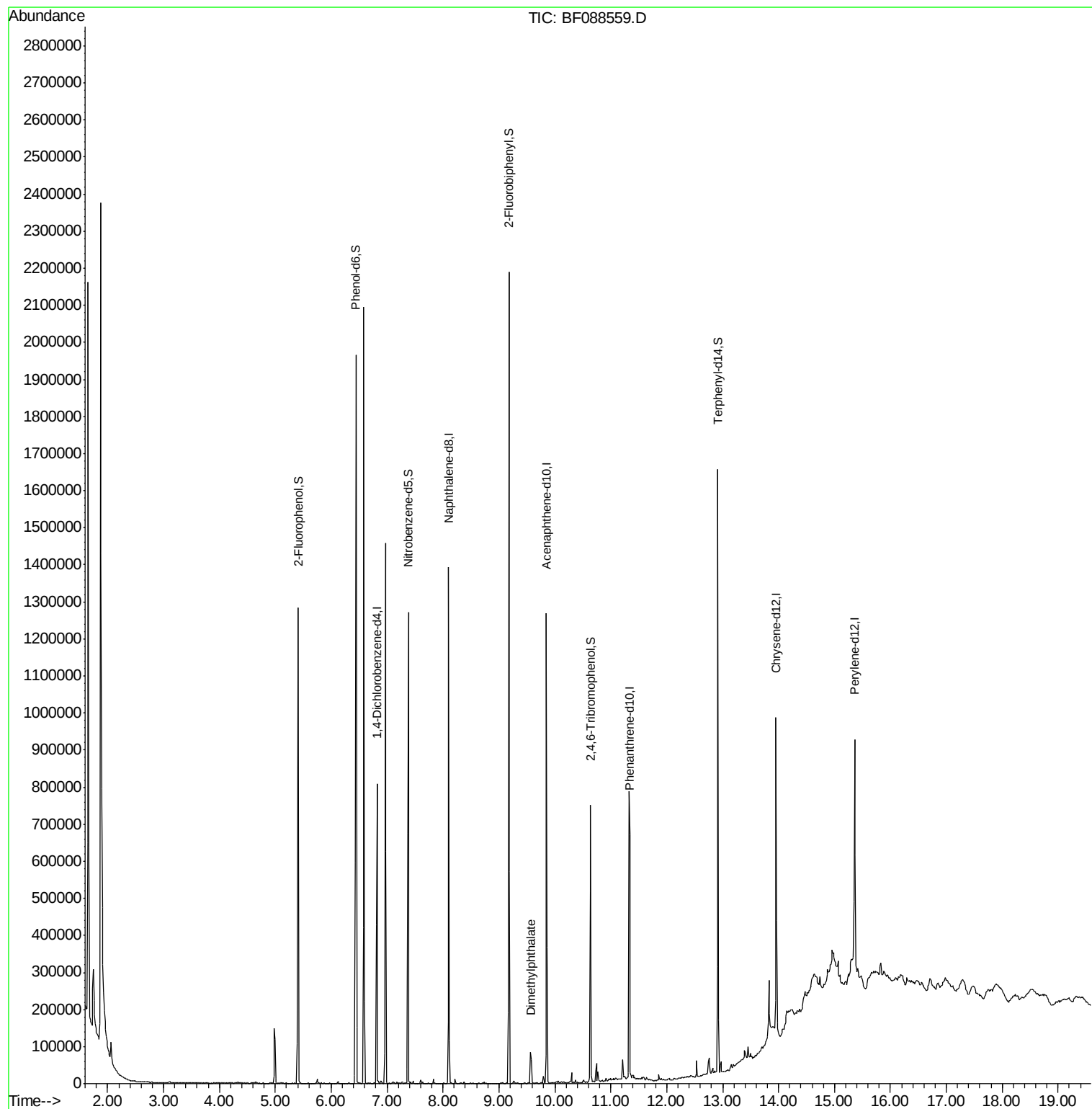
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	140327	20.00	ng	0.01
21) Naphthalene-d8	8.10	136	548992	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	236621	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	389413	20.00	ng	0.01
75) Chrysene-d12	13.95	240	274090	20.00	ng	0.00
86) Perylene-d12	15.36	264	282157	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	543597	58.06	ng	0.01
7) Phenol-d6	6.44	99	663085	54.81	ng	0.00
23) Nitrobenzene-d5	7.38	82	488316	46.61	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	109115	49.66	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	672782	44.91	ng	0.00
78) Terphenyl-d14	12.91	244	444411	36.11	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	45243	2.68	ng	99

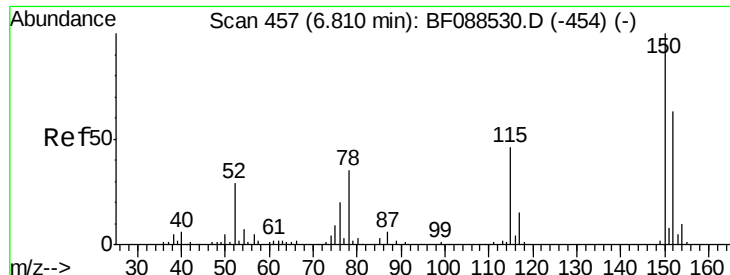
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.82 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF088559.D

Acq: 1 Jul 2016 5:40

Instrument :

BNA_F

ClientSampleId :

D9-B1(0-11)C

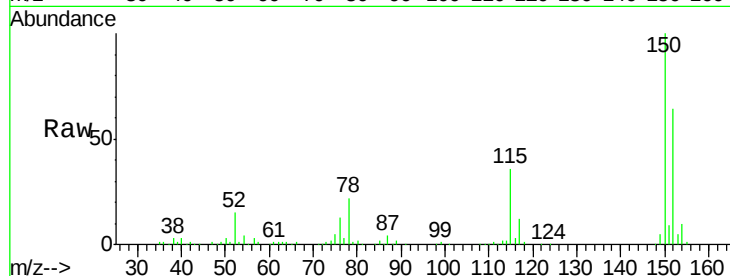
Tot Ion:152 Resp: 140327

Ion Ratio Lower Upper

152 100

150 156.0 123.8 185.6

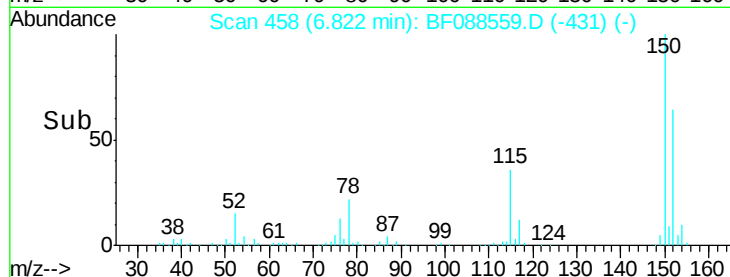
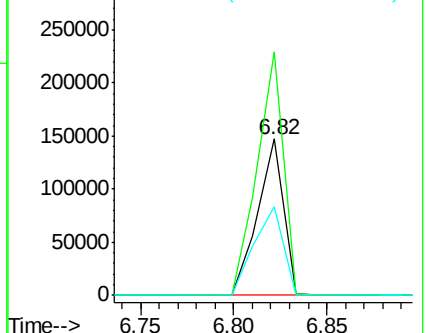
115 56.7 39.6 59.4



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: 58.06 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.01 min

Lab File: BF088559.D

Acq: 1 Jul 2016 5:40

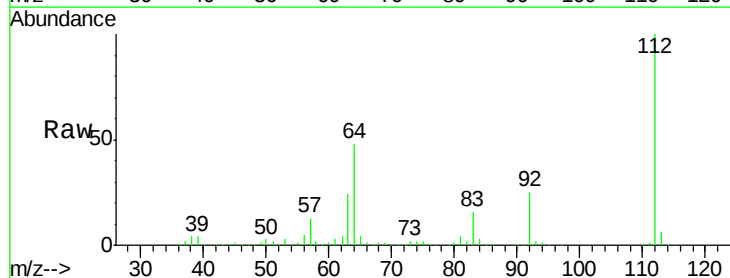
Tgt Ion:112 Resp: 543597

Ion Ratio Lower Upper

112 100

64 48.1 42.2 63.2

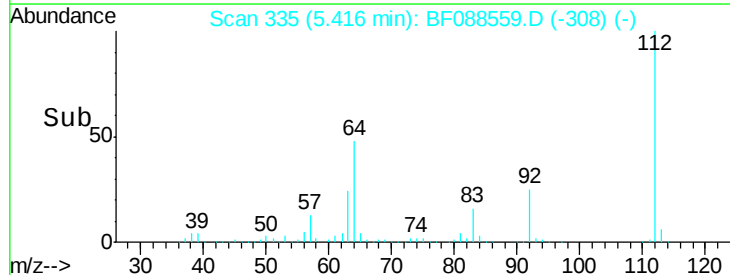
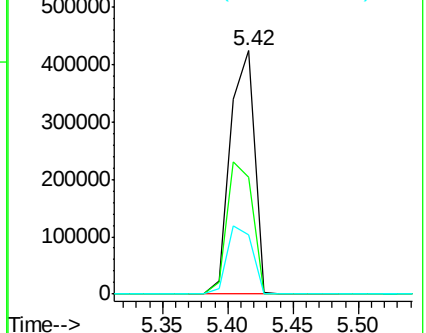
63 24.2 21.8 32.8



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: 54.81 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088559.D

Acq: 1 Jul 2016 5:40

Instrument :

BNA_F

ClientSampleId :

D9-B1(0-11)C

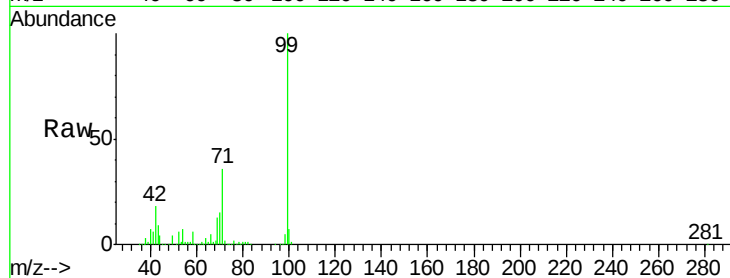
Tot Ion: 99 Resp: 663085

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

71 35.7 23.4 35.0#



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

800000

6.44

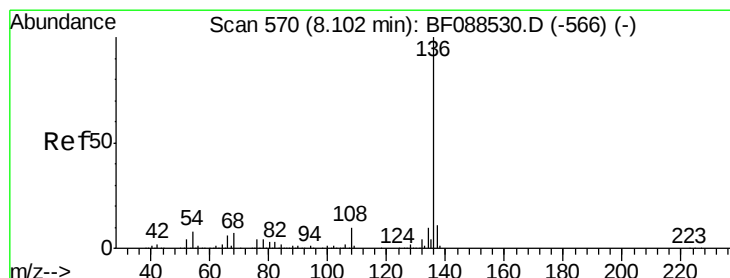
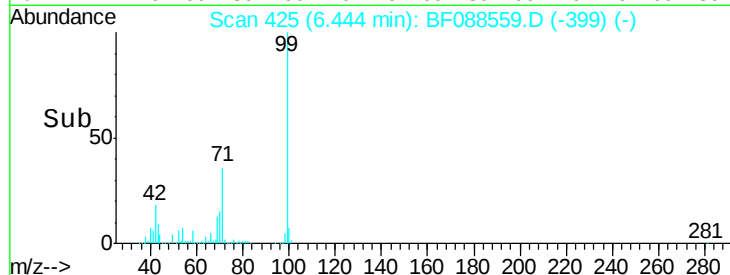
600000

400000

200000

0

Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 570

Delta R.T. 0.00 min

Lab File: BF088559.D

Acq: 1 Jul 2016 5:40

Tgt Ion: 136 Resp: 548992

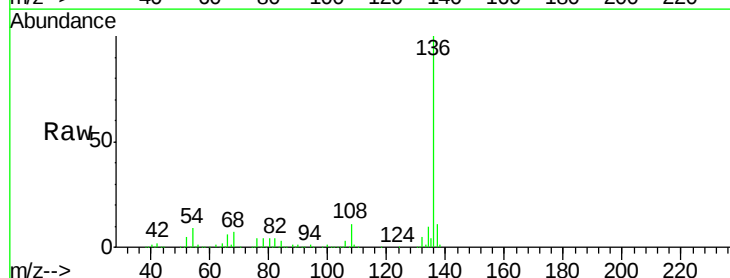
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.0 6.6 10.0

68 7.4 5.1 7.7



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

1000000

8.10

800000

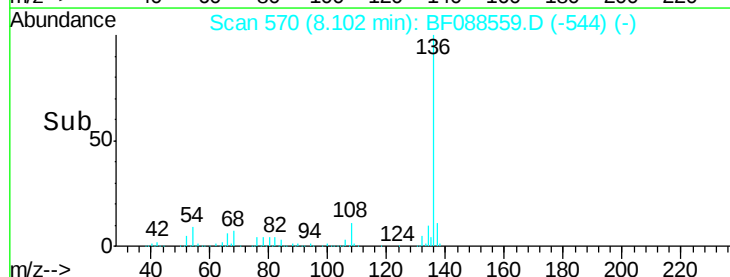
600000

400000

200000

0

Time-->

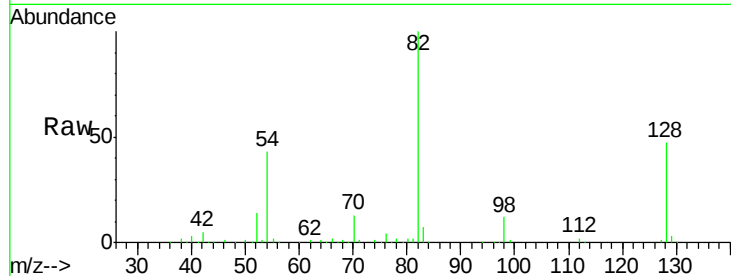




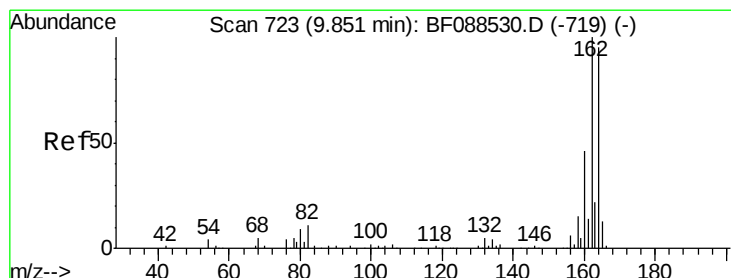
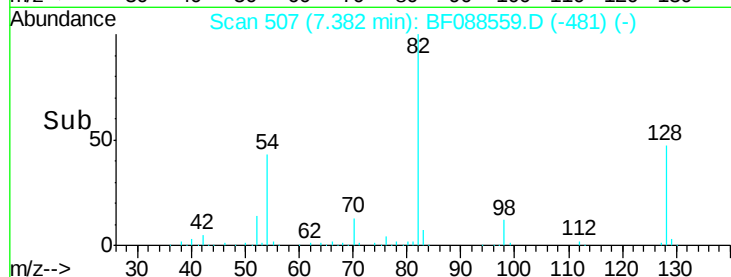
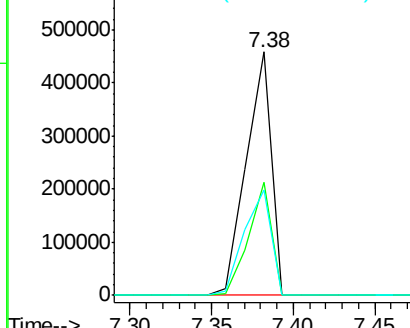
#23
 Nitrobenzene-d5
 Concen: 46.61 ng
 RT: 7.38 min Scan# 507
 Delta R.T. 0.00 min
 Lab File: BF088559.D
 Acq: 1 Jul 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 D9-B1(0-11)C

Tot Ion	82	Resp	488316
Ion Ratio	100	Lower	Upper
128	46.5	35.9	53.9
54	43.3	40.9	61.3

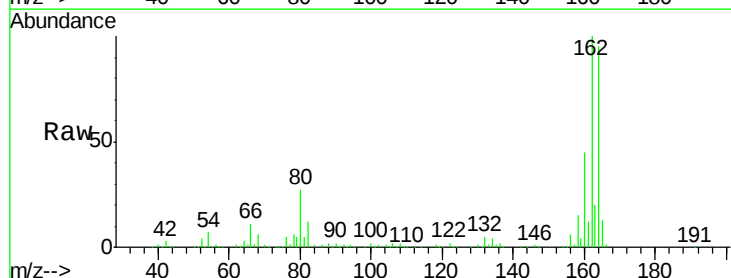


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

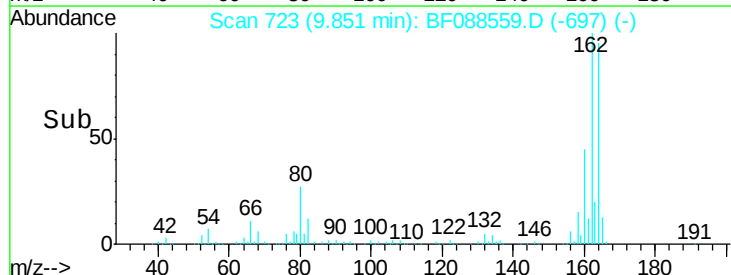
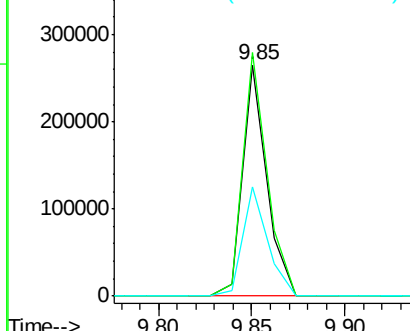


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. 0.00 min
 Lab File: BF088559.D
 Acq: 1 Jul 2016 5:40

Tgt Ion	164	Resp	236621
Ion Ratio	100	Lower	Upper
162	105.4	85.4	128.2
160	47.0	39.5	59.3



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

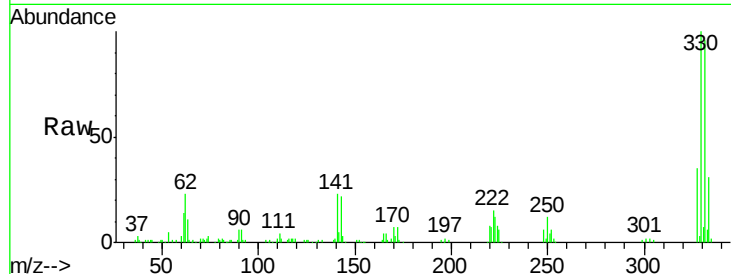




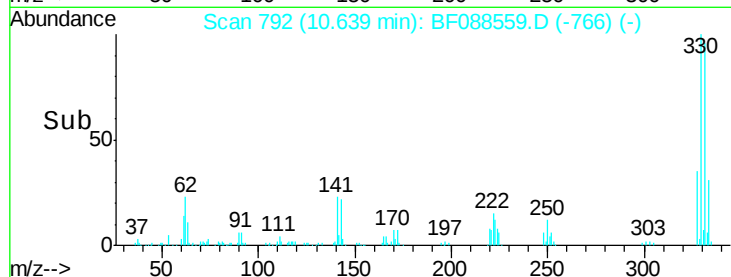
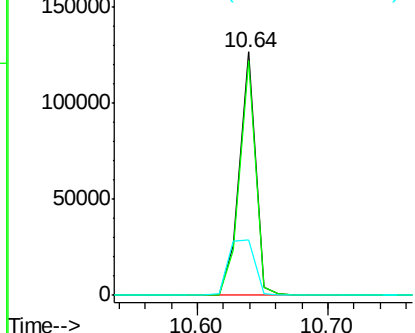
#41
 2,4,6-Tribromophenol
 Concen: 49.66 ng
 RT: 10.64 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF088559.D
 Acq: 1 Jul 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 D9-B1(0-11)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	36.7	0.0	0.0#

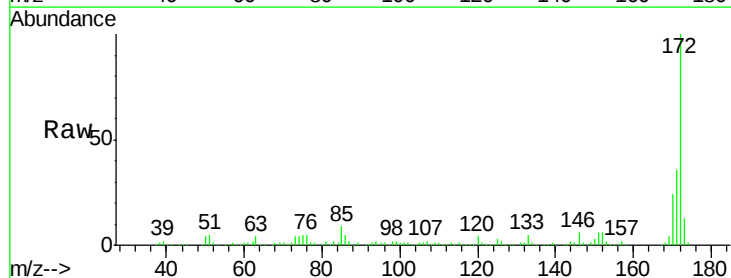


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

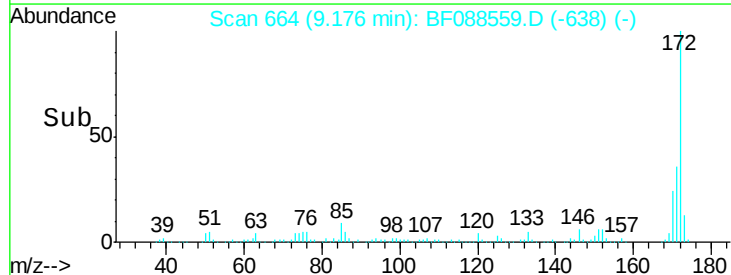
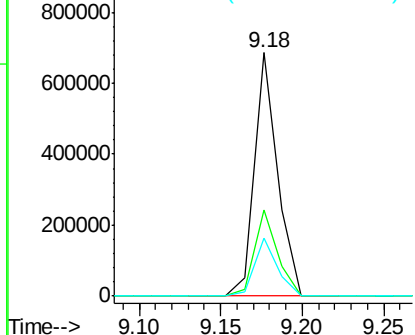


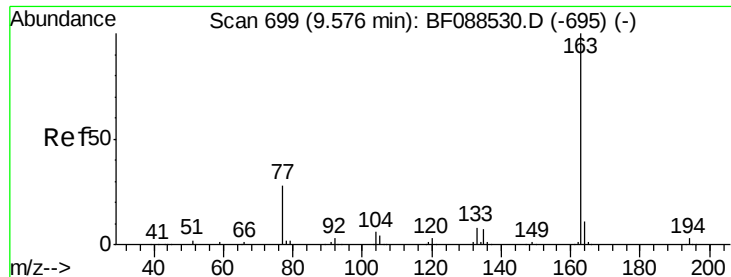
#44
 2-Fluorobiphenyl
 Concen: 44.91 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF088559.D
 Acq: 1 Jul 2016 5:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	28.6	43.0
170	23.7	19.2	28.8



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

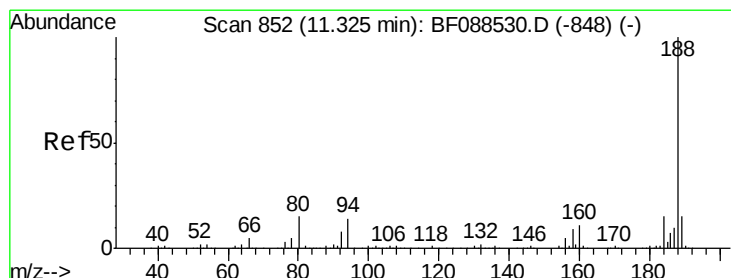
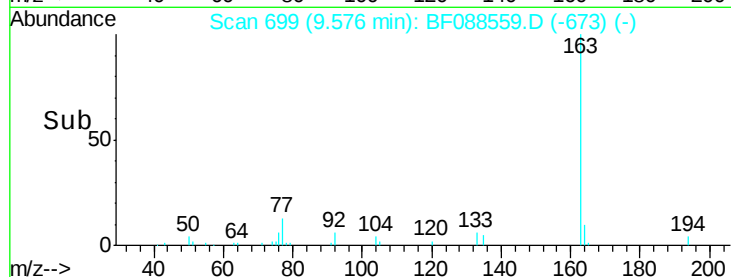
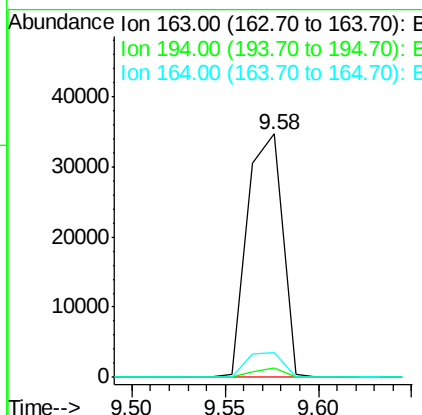
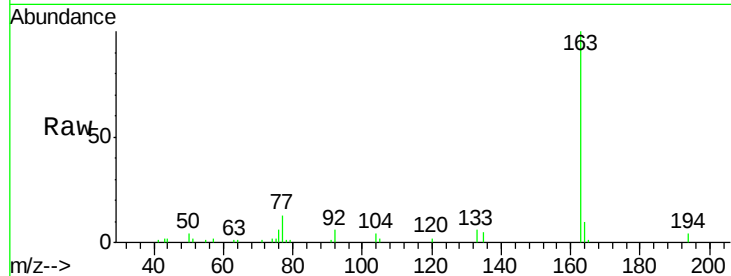




#49
Dimethylphthalate
Concen: 2.68 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.00 min
Lab File: BF088559.D
Acq: 1 Jul 2016 5:40

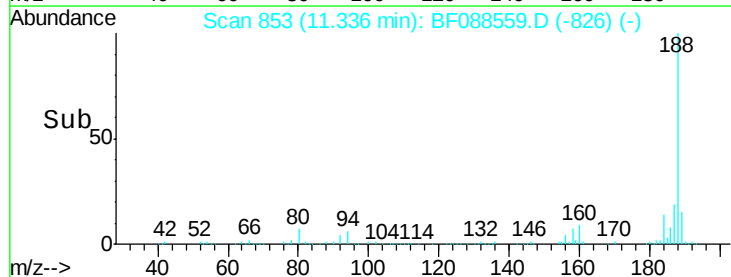
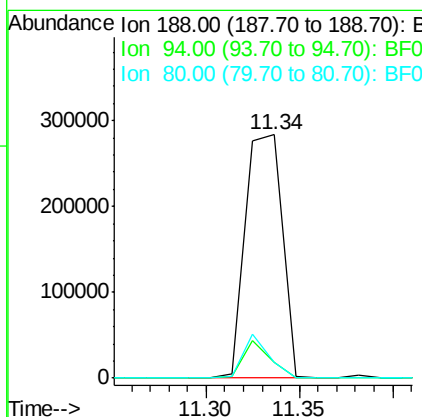
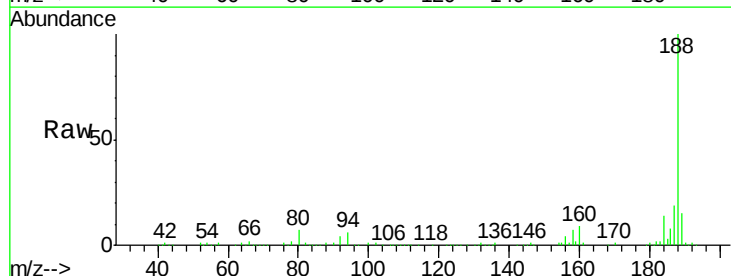
Instrument :
BNA_F
ClientSampleId :
D9-B1(0-11)C

Tot Ion:163 Resp: 45243
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.9 8.3 12.5



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 853
Delta R.T. 0.01 min
Lab File: BF088559.D
Acq: 1 Jul 2016 5:40

Tgt Ion:188 Resp: 389413
Ion Ratio Lower Upper
188 100
94 6.3 9.0 13.6#
80 6.6 10.0 15.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.95 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF088559.D

Acq: 1 Jul 2016 5:40

Instrument :

BNA_F

ClientSampleId :

D9-B1(0-11)C

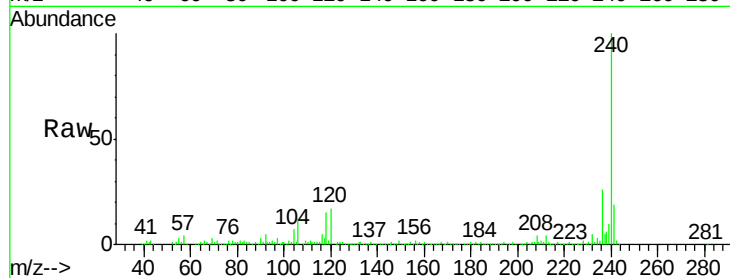
Tot Ion:240 Resp: 274090

Ion Ratio Lower Upper

240 100

120 16.9 6.8 10.2#

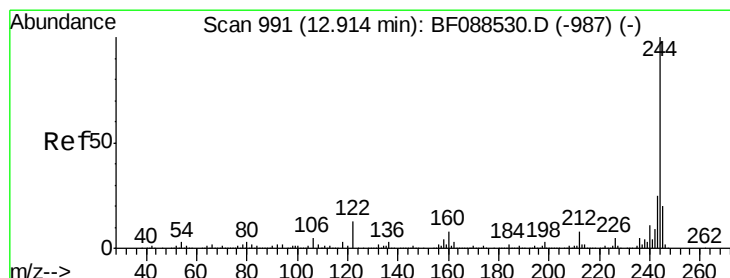
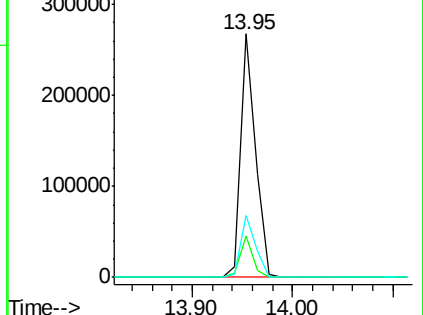
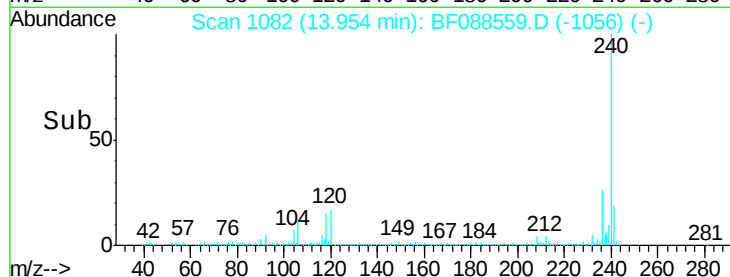
236 25.6 20.2 30.2



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: 36.11 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF088559.D

Acq: 1 Jul 2016 5:40

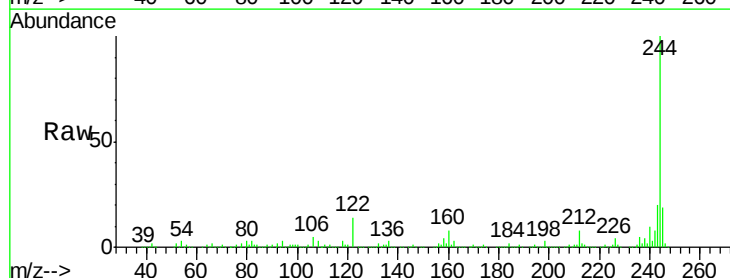
Tgt Ion:244 Resp: 444411

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

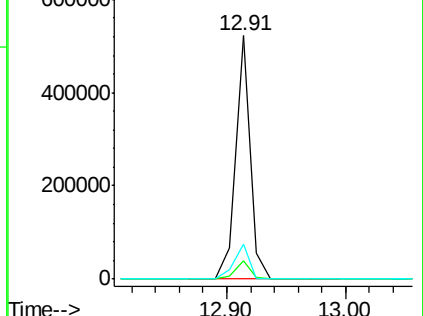
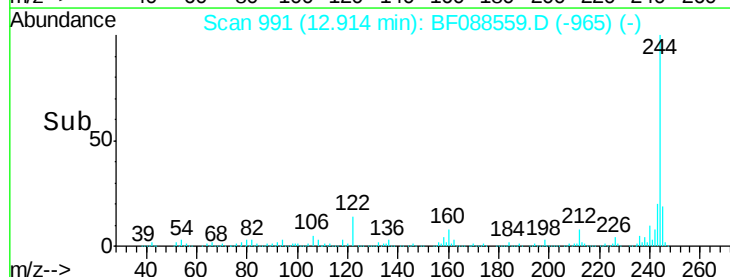
122 14.4 11.2 16.8

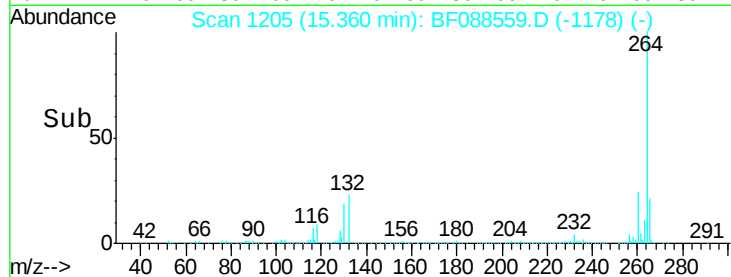
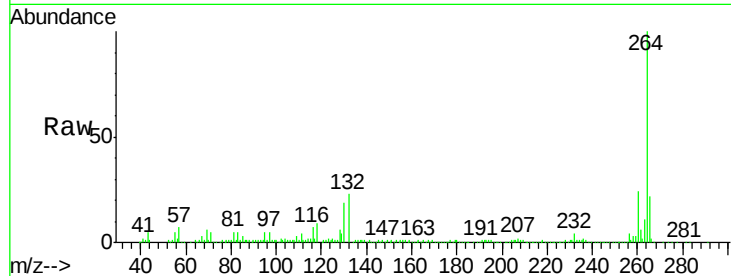
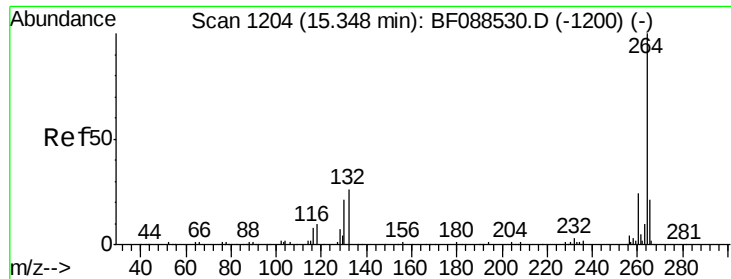


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.36 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF088559.D
 Acq: 1 Jul 2016 5:40

Instrument :
 BNA_F
 ClientSampleId :
 D9-B1(0-11)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	21.5	16.9	25.3

