

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070616\
 Data File : BF088757.D
 Acq On : 7 Jul 2016 2:22
 Operator : UM/SJ
 Sample : H3879-14
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-03

Quant Time: Jul 07 06:48:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 01:24:07 2016
 Response via : Initial Calibration

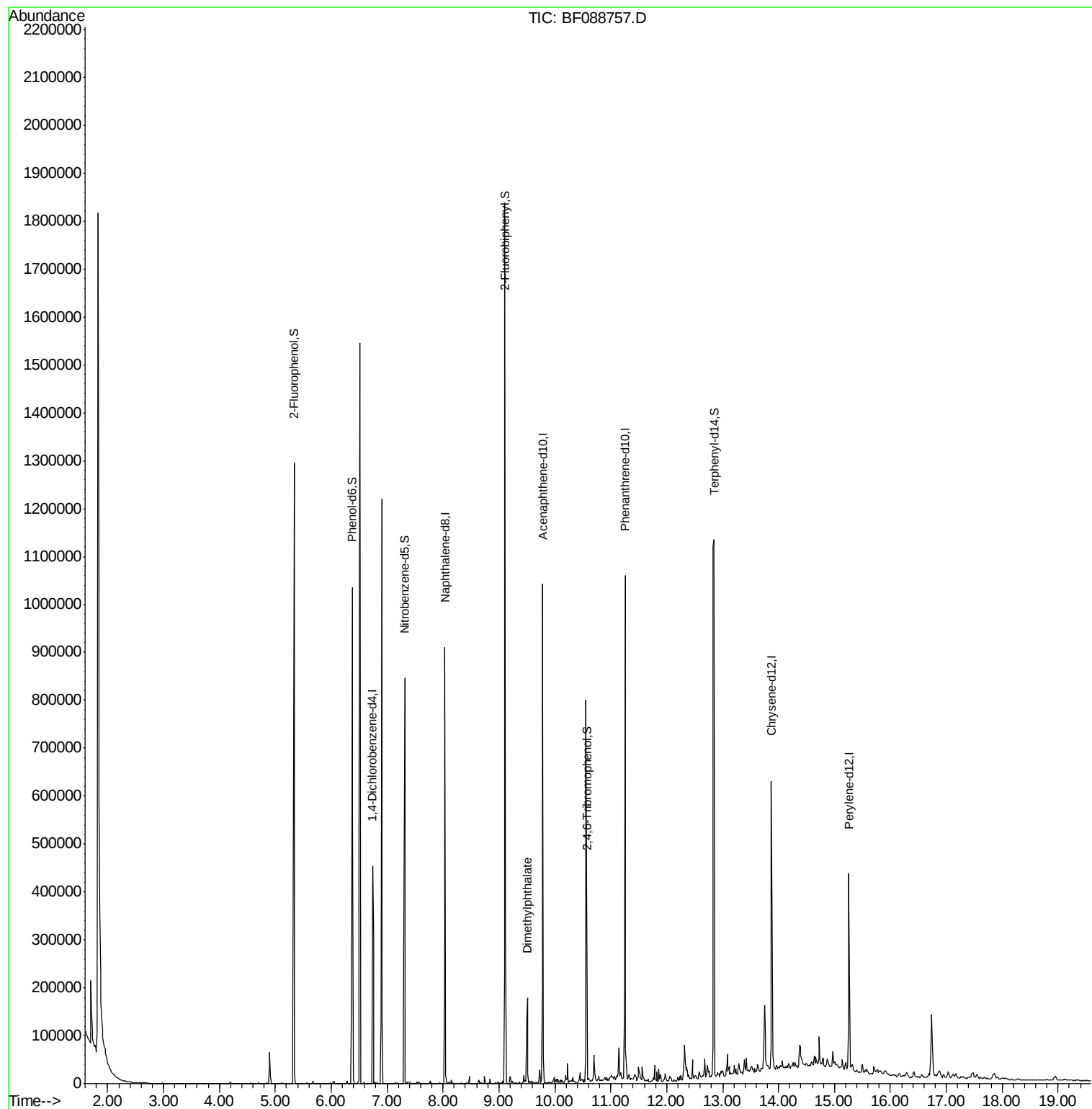
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	88265	20.00	ng	-0.01
21) Naphthalene-d8	8.03	136	400973	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	184836	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	332430	20.00	ng	0.00
75) Chrysene-d12	13.87	240	217793	20.00	ng	-0.01
86) Perylene-d12	15.26	264	174364	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	382728	64.99	ng	0.00
7) Phenol-d6	6.38	99	468222	61.53	ng	-0.01
23) Nitrobenzene-d5	7.31	82	333740	43.62	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	106518	62.06	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	529833	45.28	ng	-0.01
78) Terphenyl-d14	12.85	244	512254	52.39	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.51	163	96215	7.31	ng	Qvalue 98

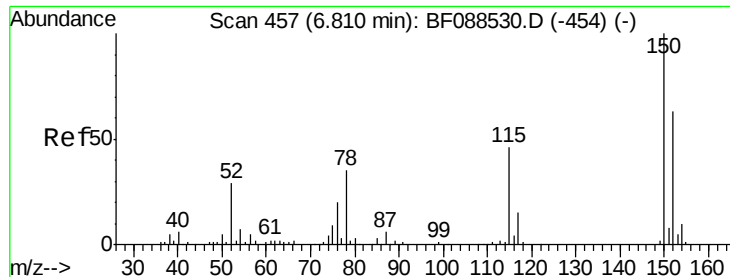
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 451

Delta R.T. -0.01 min

Lab File: BF088757.D

Acq: 7 Jul 2016 2:22

Instrument :

BNA_F

ClientSampleId :

C2.1-03

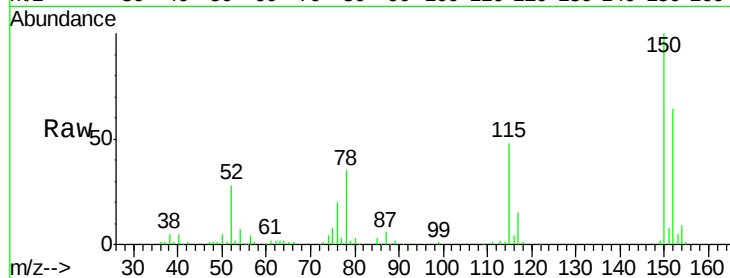
Tot Ion:152 Resp: 88265

Ion Ratio Lower Upper

152 100

150 156.2 123.8 185.6

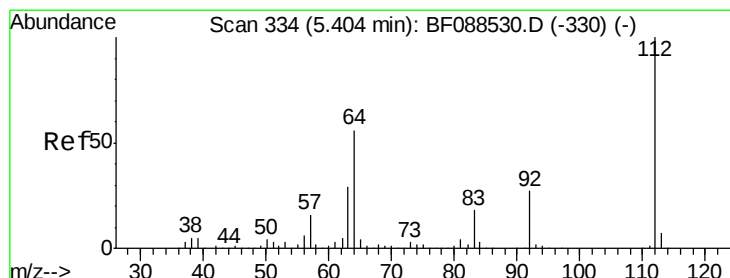
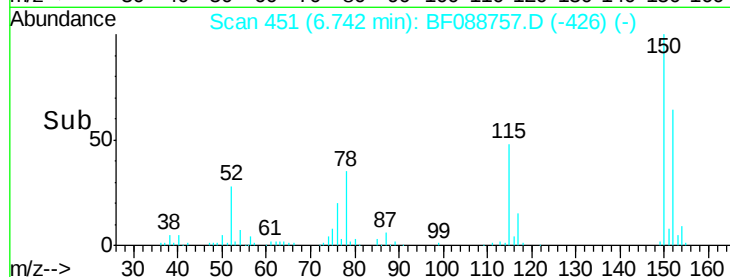
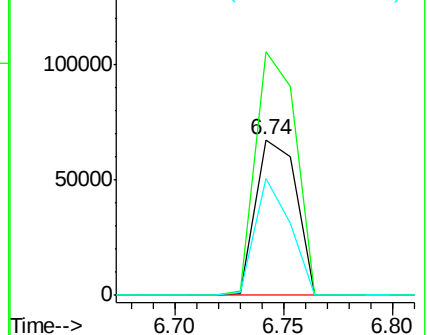
115 75.1 39.6 59.4#



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: 64.99 ng

RT: 5.34 min Scan# 328

Delta R.T. -0.00 min

Lab File: BF088757.D

Acq: 7 Jul 2016 2:22

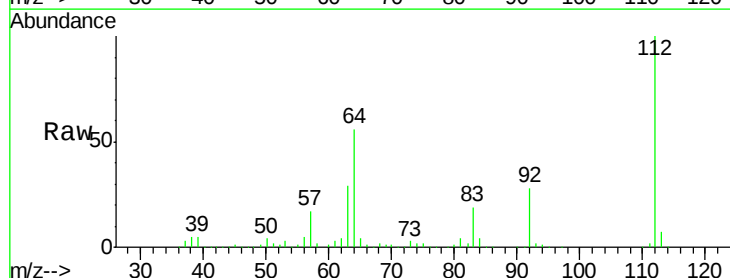
Tgt Ion:112 Resp: 382728

Ion Ratio Lower Upper

112 100

64 55.5 42.2 63.2

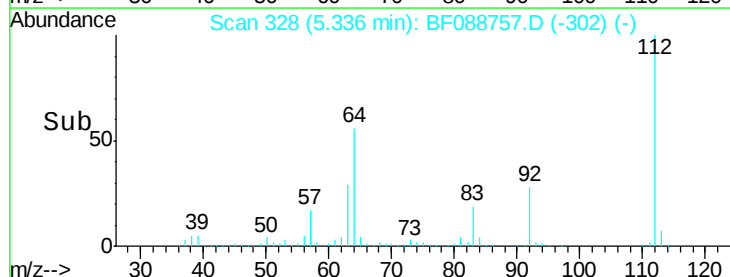
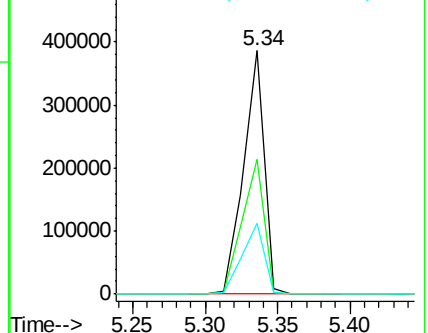
63 28.9 21.8 32.8



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: 61.53 ng

RT: 6.38 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF088757.D

Acq: 7 Jul 2016 2:22

Instrument :

BNA_F

ClientSampleId :

C2.1-03

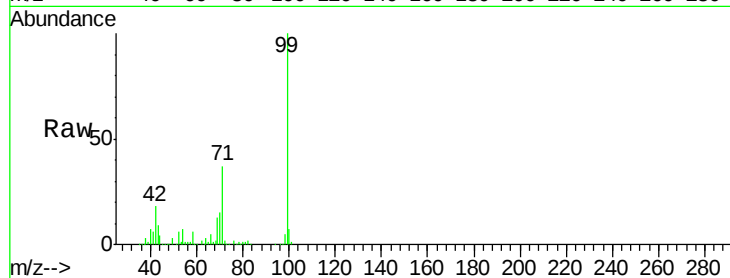
Tot Ion: 99 Resp: 468222

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

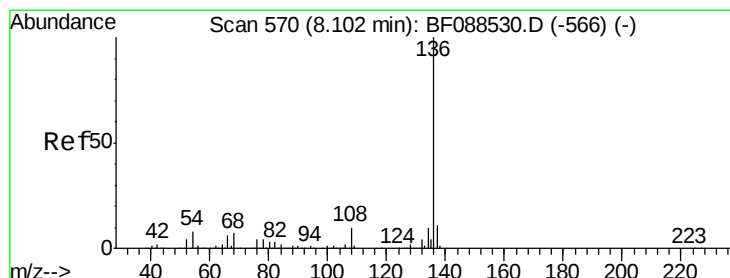
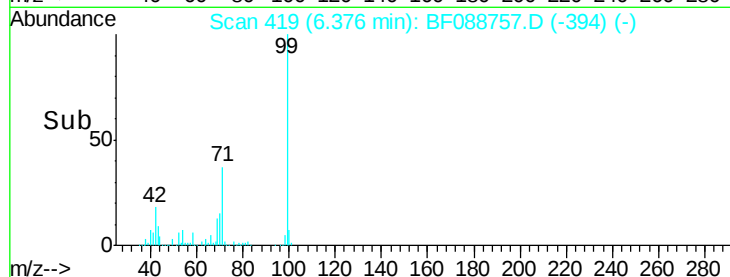
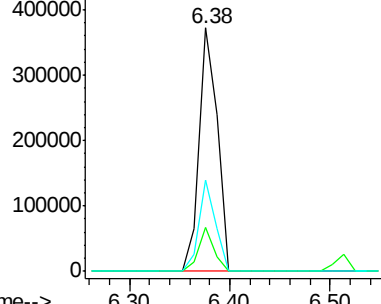
71 37.4 23.4 35.0#



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.03 min Scan# 564

Delta R.T. -0.00 min

Lab File: BF088757.D

Acq: 7 Jul 2016 2:22

Tgt Ion: 136 Resp: 400973

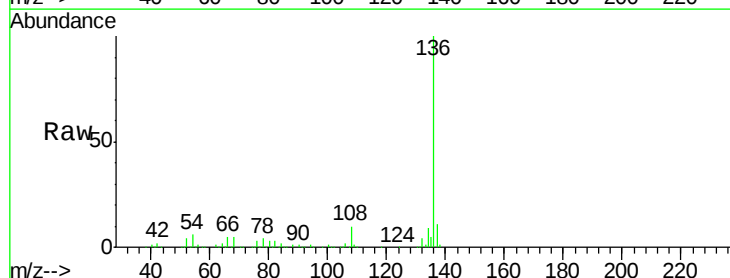
Ion Ratio Lower Upper

136 100

137 10.9 9.1 13.7

54 6.4 6.6 10.0#

68 5.3 5.1 7.7

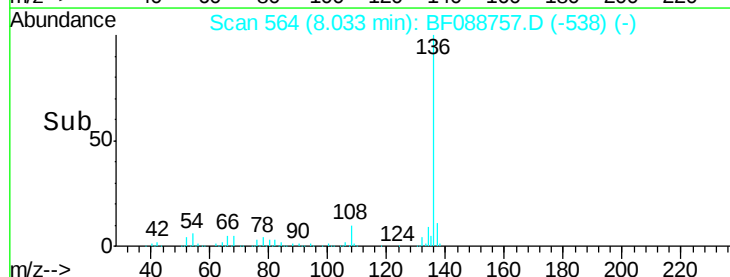
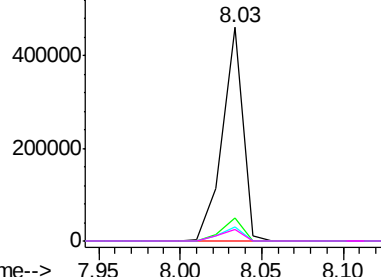


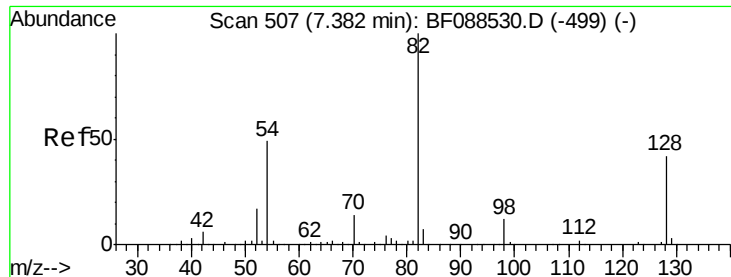
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 43.62 ng

RT: 7.31 min Scan# 501

Delta R.T. -0.01 min

Lab File: BF088757.D

Acq: 7 Jul 2016 2:22

Instrument :

BNA_F

ClientSampled :

C2.1-03

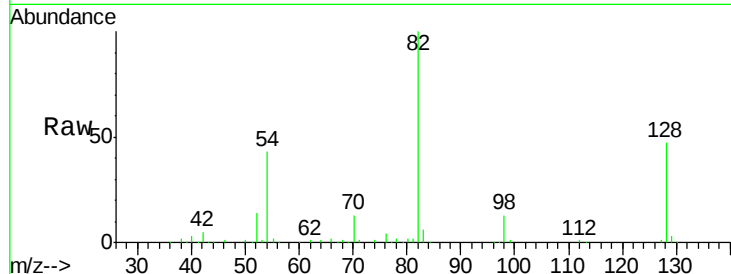
Tot Ion: 82 Resp: 333740

Ion Ratio Lower Upper

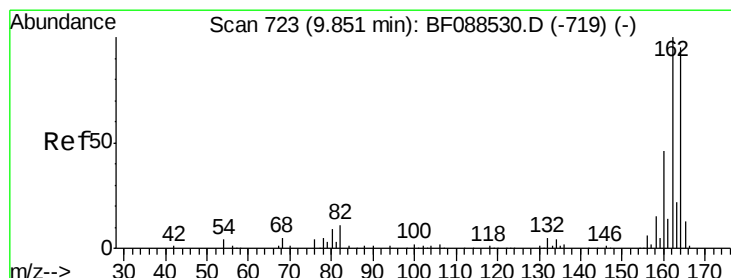
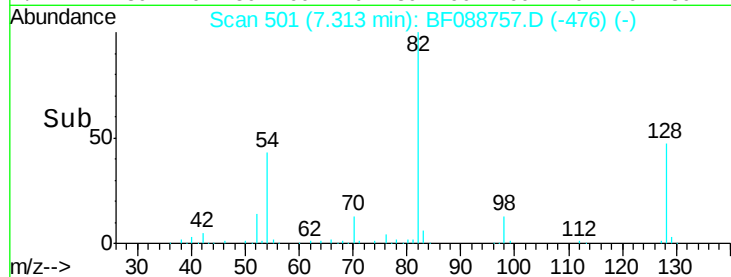
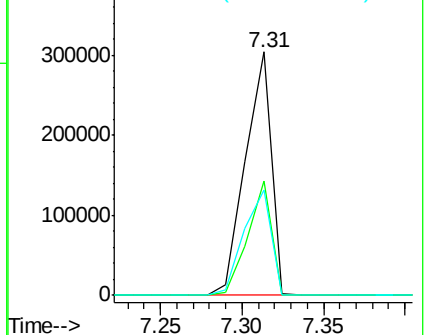
82 100

128 47.0 35.9 53.9

54 43.1 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: 9.78 min Scan# 717

Delta R.T. -0.00 min

Lab File: BF088757.D

Acq: 7 Jul 2016 2:22

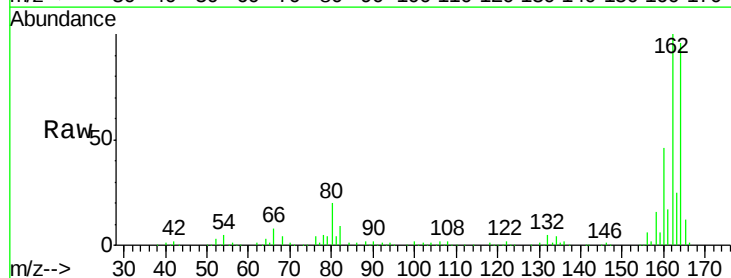
Tgt Ion:164 Resp: 184836

Ion Ratio Lower Upper

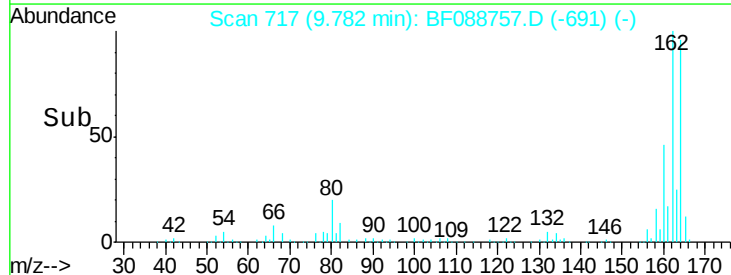
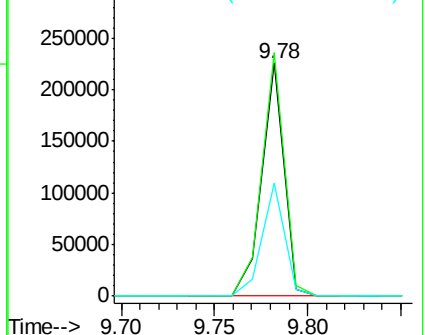
164 100

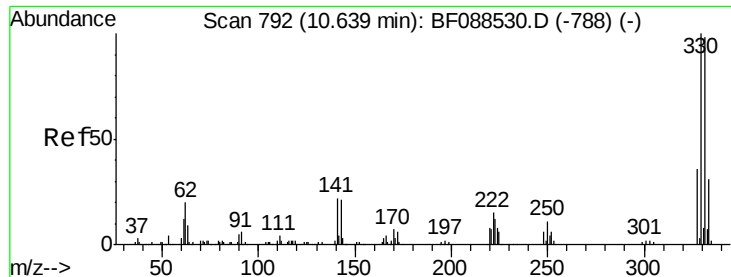
162 104.5 85.4 128.2

160 48.5 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

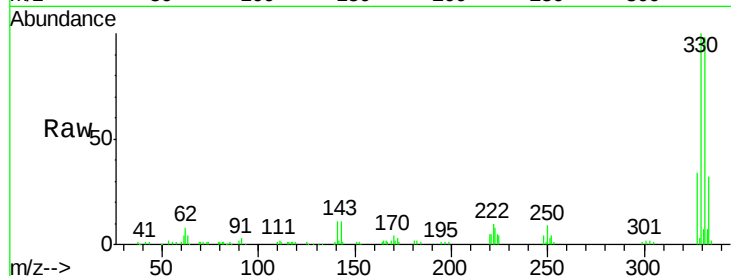




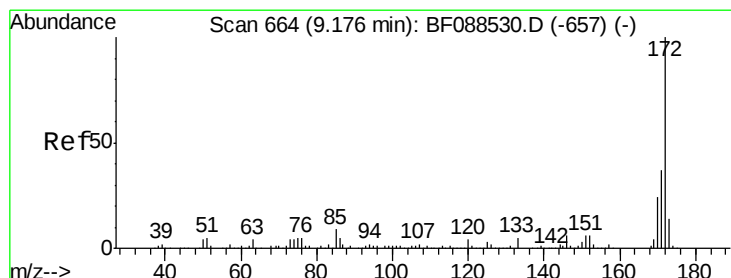
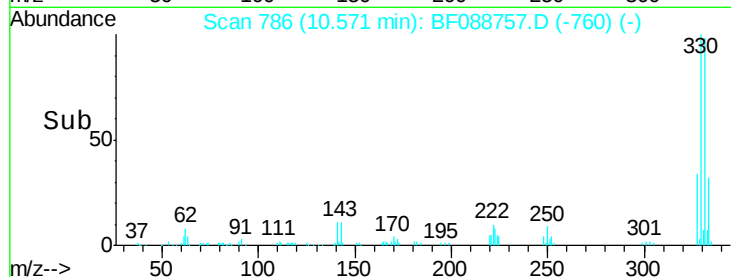
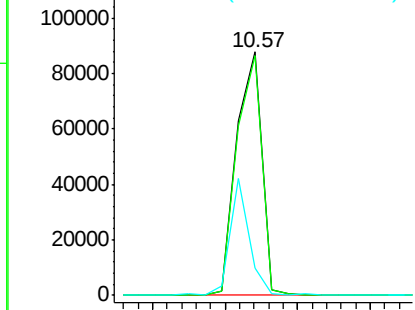
#41
 2,4,6-Tribromophenol
 Concen: 62.06 ng
 RT: 10.57 min Scan# 786
 Delta R.T. -0.00 min
 Lab File: BF088757.D
 Acq: 7 Jul 2016 2:22

Instrument :
 BNA_F
 ClientSampleId :
 C2.1-03

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	0.0	0.0#
141	37.0	0.0	0.0#

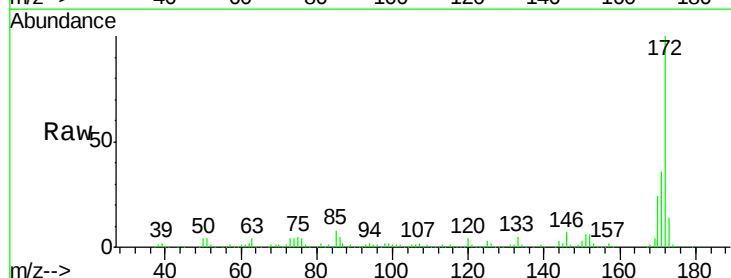


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

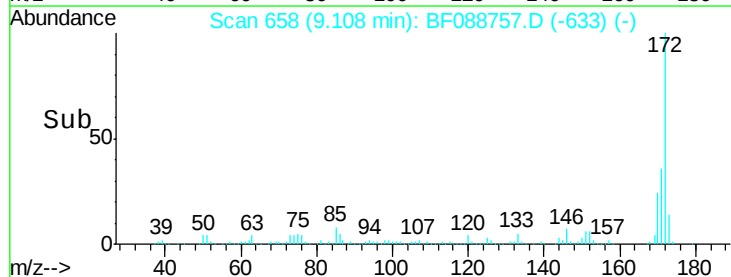
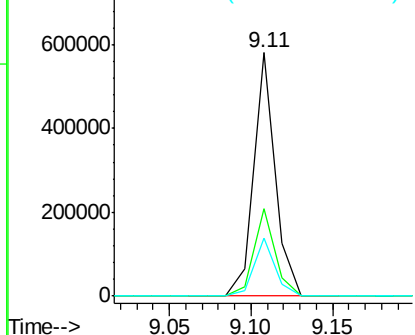


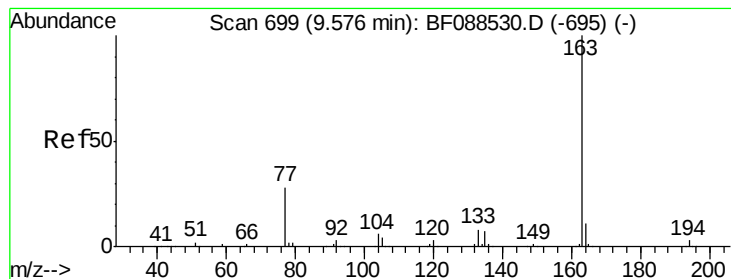
#44
 2-Fluorobiphenyl
 Concen: 45.28 ng
 RT: 9.11 min Scan# 658
 Delta R.T. -0.01 min
 Lab File: BF088757.D
 Acq: 7 Jul 2016 2:22

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.9	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: 7.31 ng

RT: 9.51 min Scan# 693

Delta R.T. -0.01 min

Lab File: BF088757.D

Acq: 7 Jul 2016 2:22

Instrument :

BNA_F

ClientSampleId :

C2.1-03

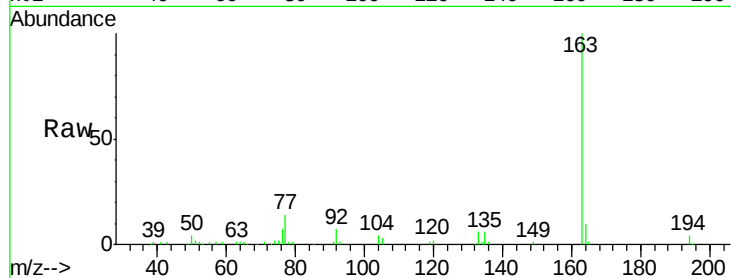
Tot Ion:163 Resp: 96215

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

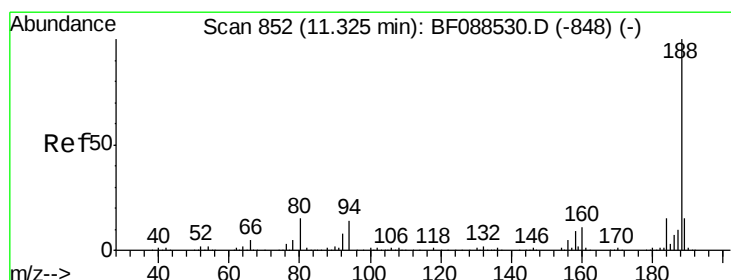
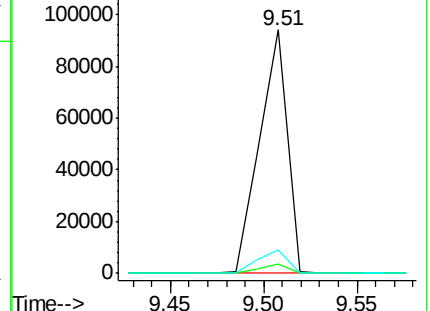
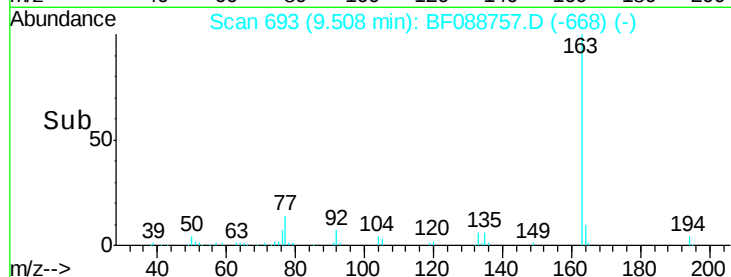
164 9.5 8.3 12.5



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: 11.26 min Scan# 846

Delta R.T. -0.00 min

Lab File: BF088757.D

Acq: 7 Jul 2016 2:22

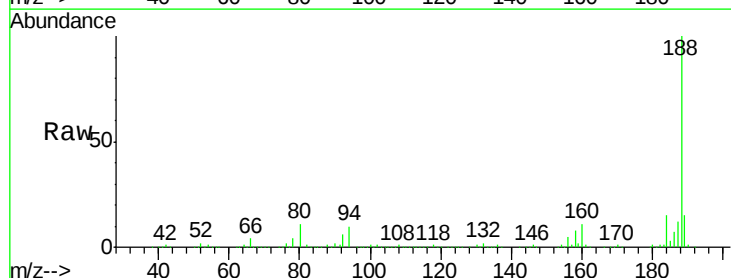
Tgt Ion:188 Resp: 332430

Ion Ratio Lower Upper

188 100

94 10.2 9.0 13.6

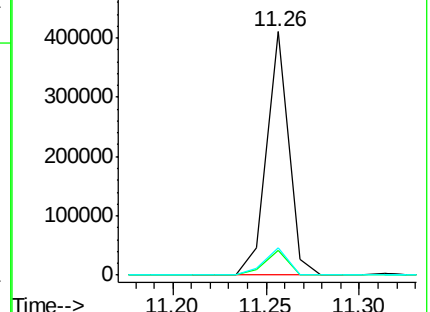
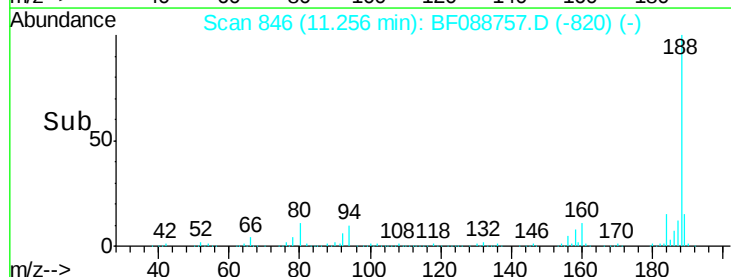
80 11.2 10.0 15.0

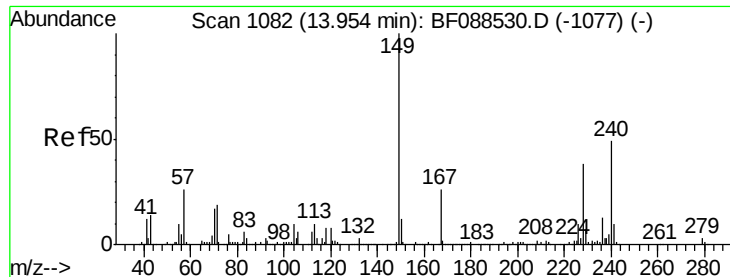


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.87 min Scan# 1075

Delta R.T. -0.01 min

Lab File: BF088757.D

Acq: 7 Jul 2016 2:22

Instrument :

BNA_F

ClientSampleId :

C2.1-03

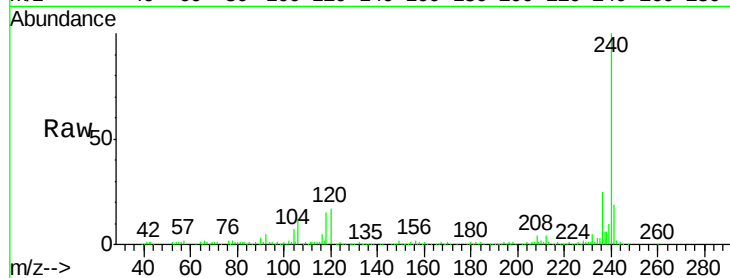
Tot Ion:240 Resp: 217793

Ion Ratio Lower Upper

240 100

120 16.5 6.8 10.2#

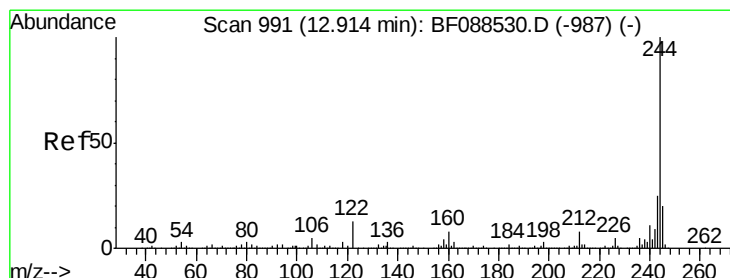
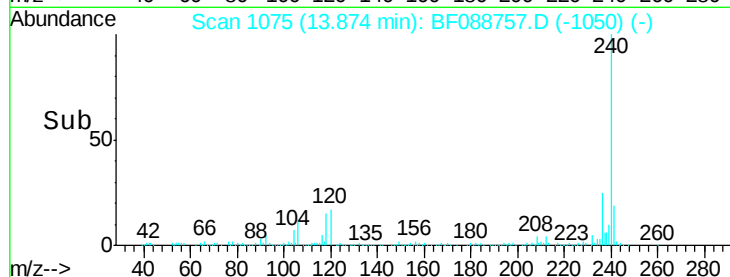
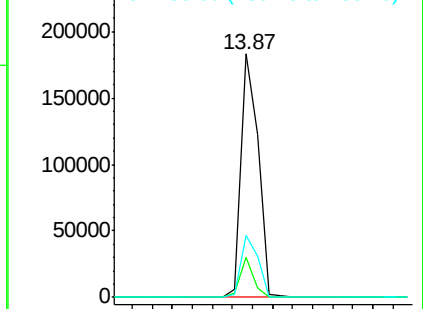
236 25.3 20.2 30.2



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: 52.39 ng

RT: 12.85 min Scan# 985

Delta R.T. -0.00 min

Lab File: BF088757.D

Acq: 7 Jul 2016 2:22

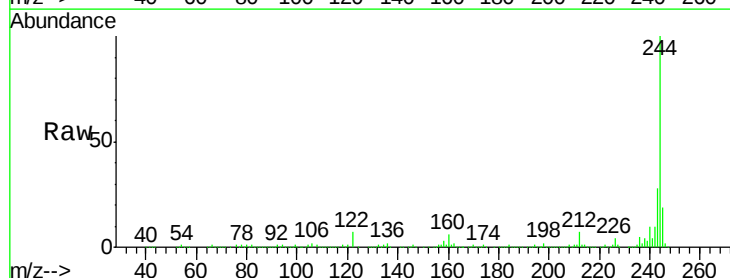
Tgt Ion:244 Resp: 512254

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

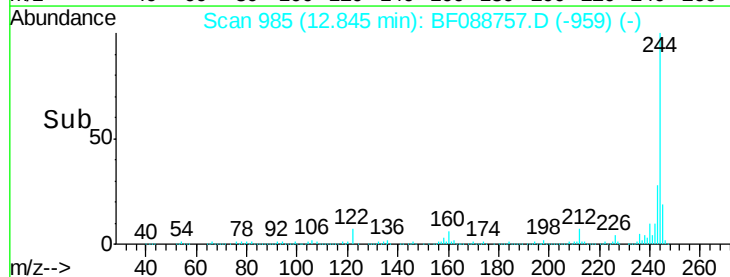
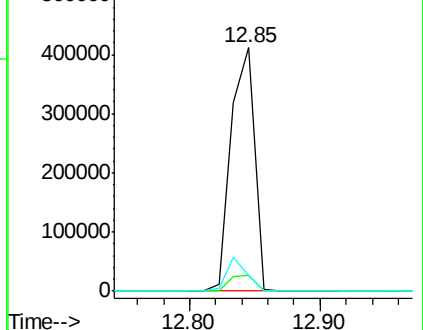
122 6.6 11.2 16.8#

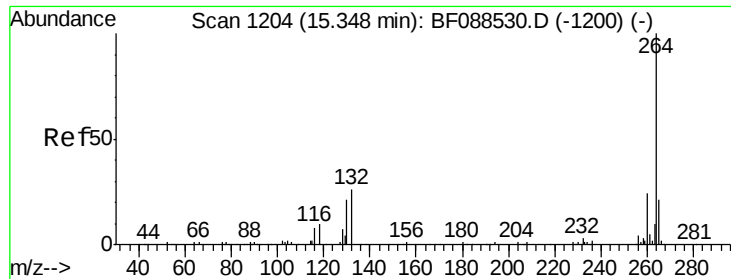


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

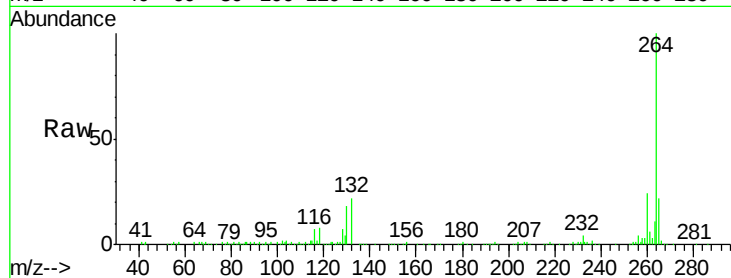




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.26 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BF088757.D
Acq: 7 Jul 2016 2:22

Instrument :
BNA_F
ClientSampleId :
C2.1-03

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	22.1	16.9	25.3



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

