

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
 Data File : BF088558.D
 Acq On : 1 Jul 2016 5:11
 Operator : UM/SJ
 Sample : H3747-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D9-B2(0-11)C

Quant Time: Jul 01 06:43:46 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

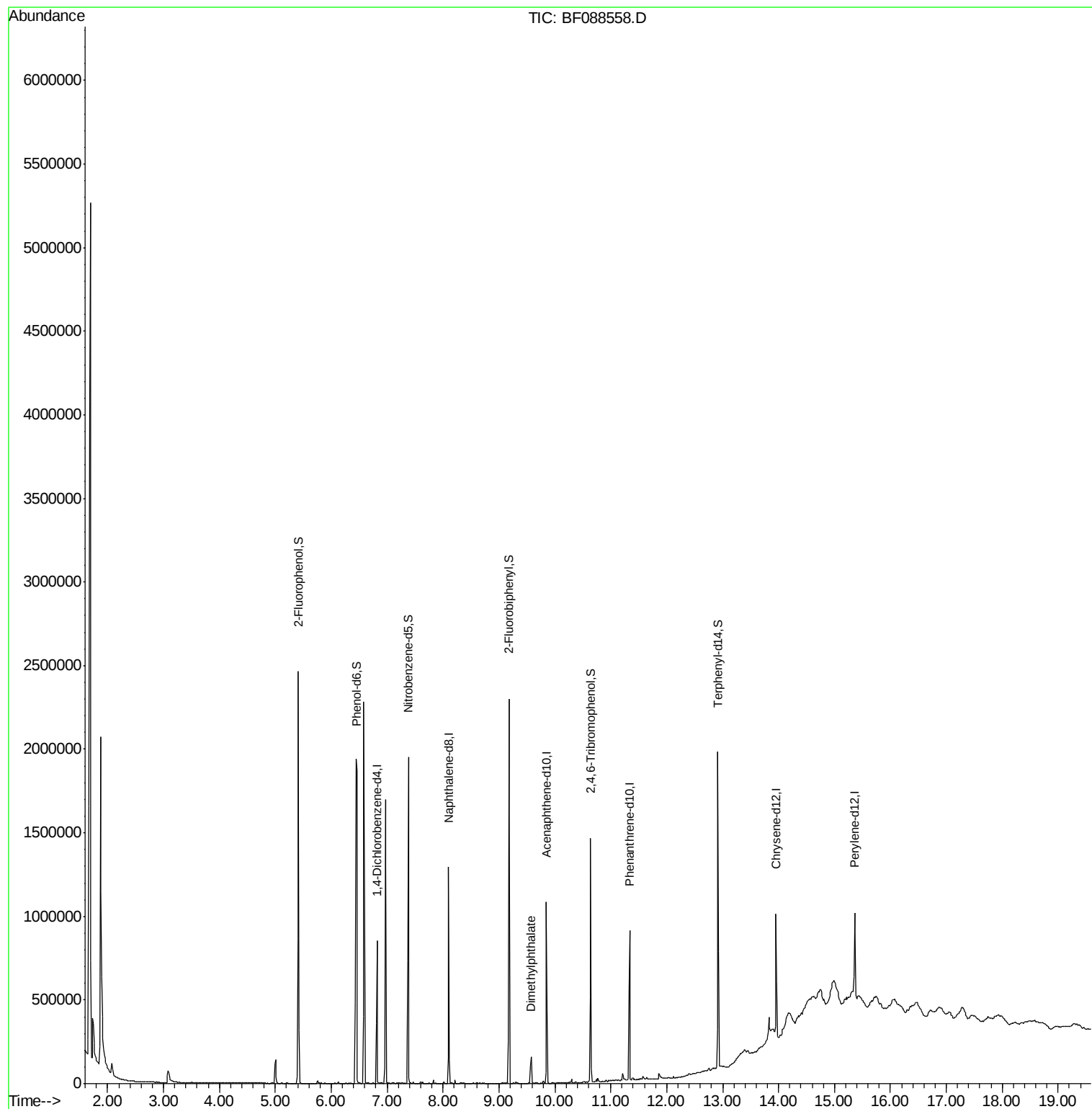
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	137587	20.00	ng	0.01
21) Naphthalene-d8	8.10	136	518136	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	220566	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	389012	20.00	ng	0.01
75) Chrysene-d12	13.95	240	258809	20.00	ng	0.00
86) Perylene-d12	15.36	264	273344	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	717328	78.14	ng	0.01
7) Phenol-d6	6.46	99	1107530	93.37	ng	0.01
23) Nitrobenzene-d5	7.38	82	666792	67.44	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	156036	76.18	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	972240	69.63	ng	0.00
78) Terphenyl-d14	12.91	244	608886	52.40	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.58	163	84296	5.36	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: 6.82 min Scan# 458

Delta R.T. 0.01 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

Instrument :

BNA_F

ClientSampleId :

D9-B2(0-11)C

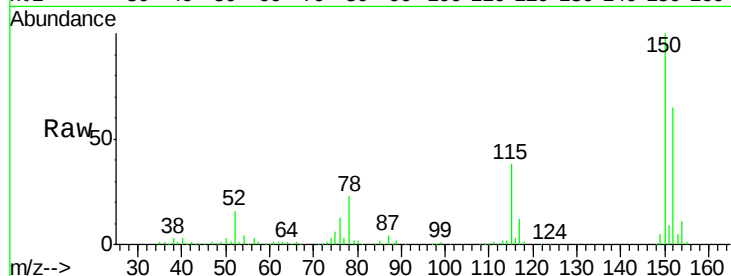
Tot Ion:152 Resp: 137587

Ion Ratio Lower Upper

152 100

150 153.3 123.8 185.6

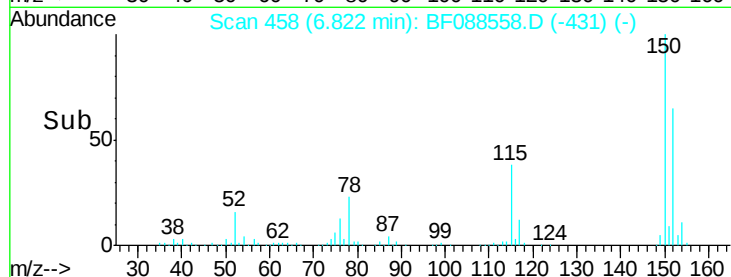
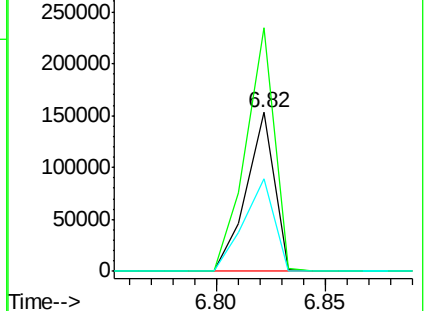
115 58.0 39.6 59.4



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: 78.14 ng

RT: 5.42 min Scan# 335

Delta R.T. 0.01 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

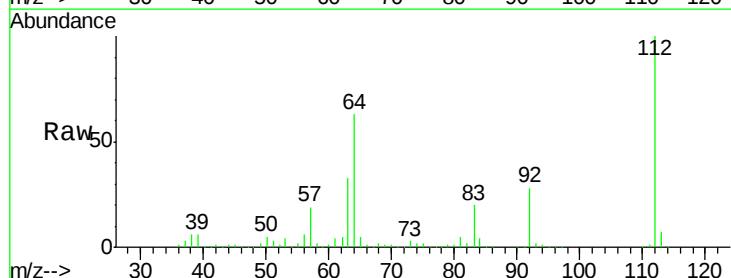
Tgt Ion:112 Resp: 717328

Ion Ratio Lower Upper

112 100

64 63.0 42.2 63.2

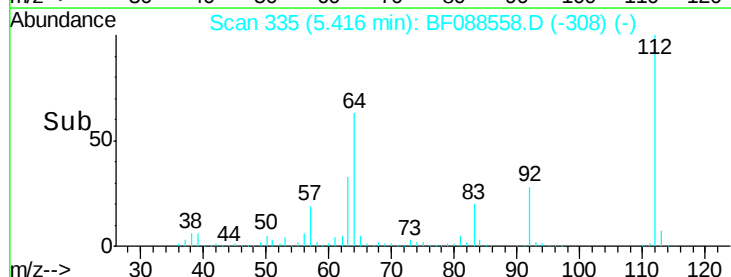
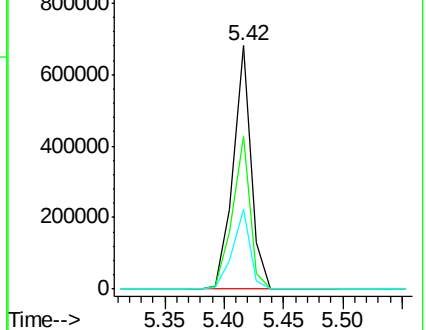
63 32.7 21.8 32.8

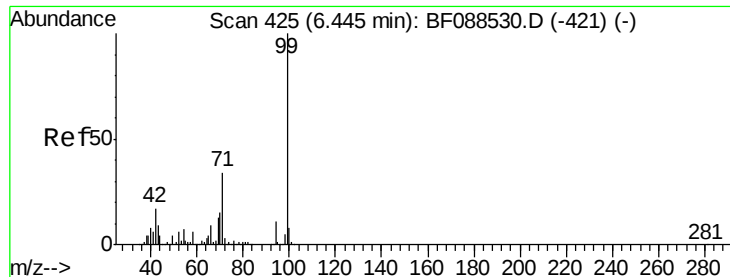


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.37 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

Instrument :

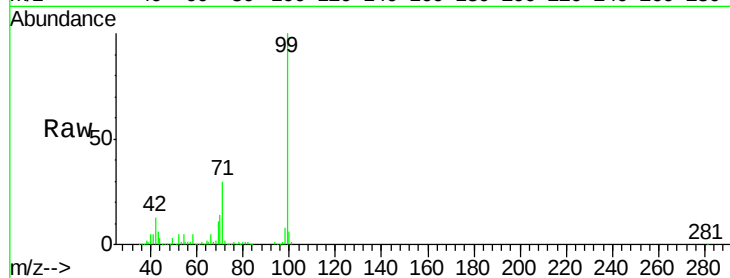
BNA_F

ClientSampleId :

D9-B2(0-11)C

Tot Ion: 99 Resp: 1107530

Ion	Ratio	Lower	Upper
99	100		
42	12.7	12.2	18.2
71	29.8	23.4	35.0

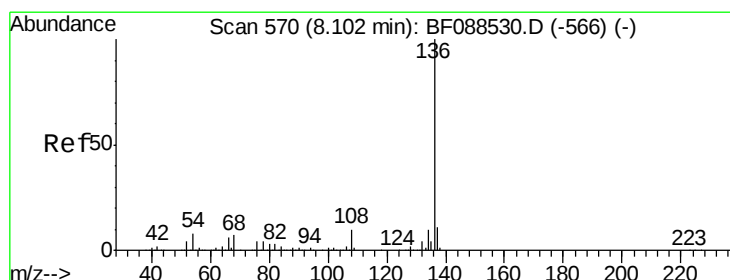
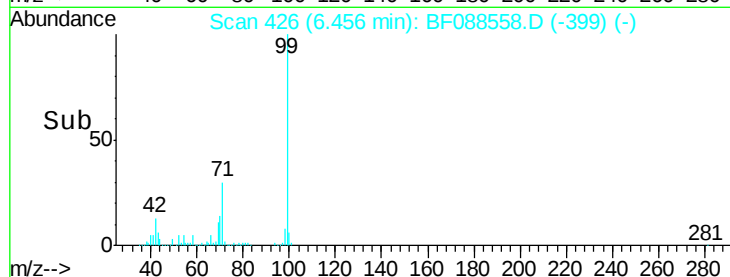
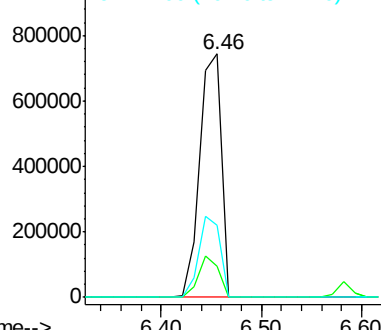


Abundance

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: 8.10 min Scan# 570

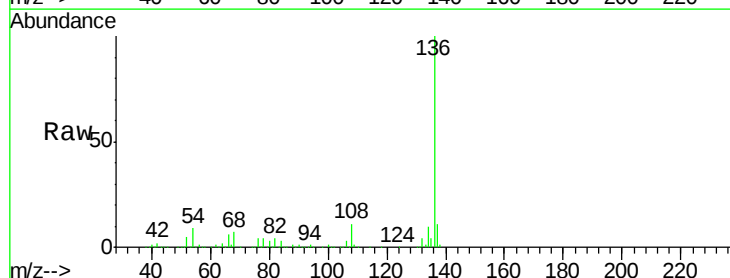
Delta R.T. 0.00 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

Tgt Ion: 136 Resp: 518136

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	8.9	6.6	10.0
68	7.5	5.1	7.7



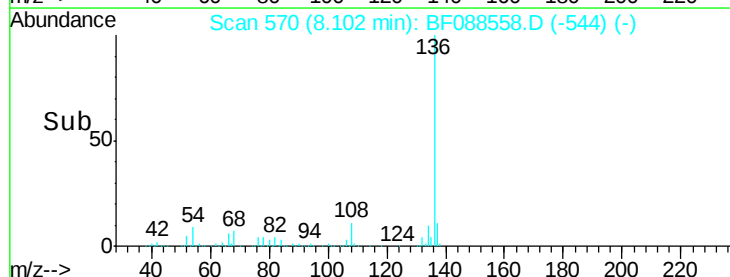
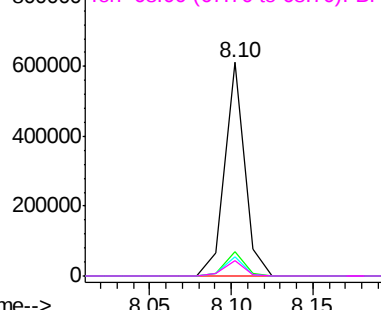
Abundance

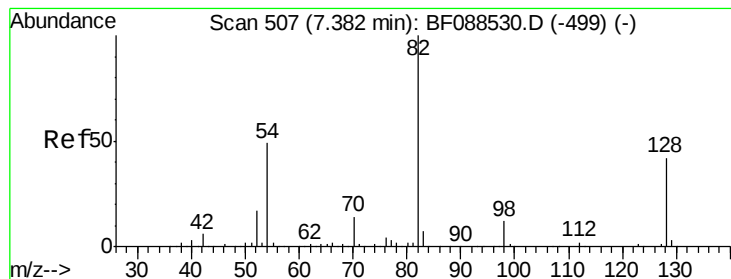
Ion 136.00 (135.70 to 136.70): E

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: 67.44 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.00 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

Instrument :

BNA_F

ClientSampleId :

D9-B2(0-11)C

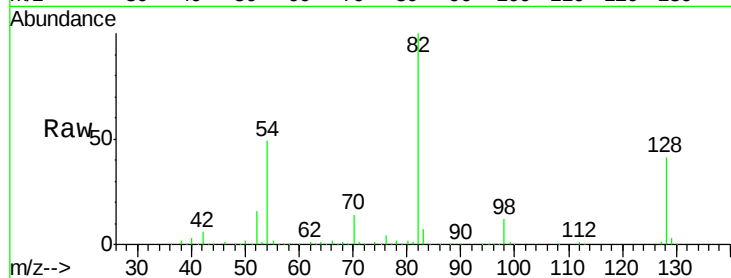
Tot Ion: 82 Resp: 666792

Ion Ratio Lower Upper

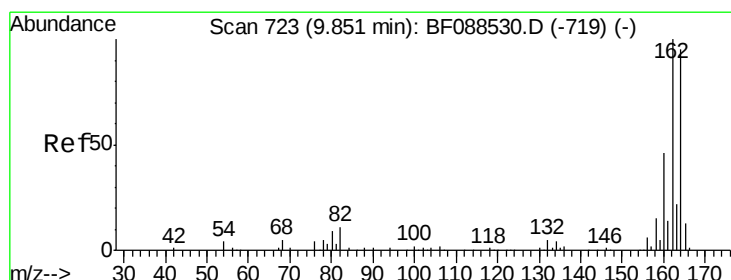
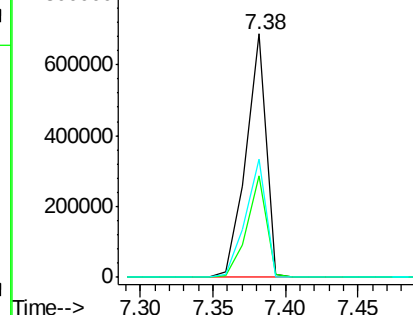
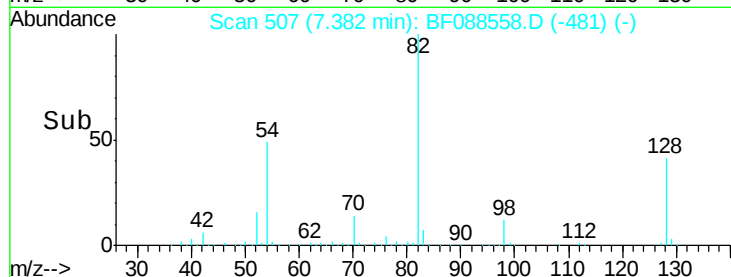
82 100

128 41.4 35.9 53.9

54 48.7 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: BF088558.D

Acq: 1 Jul 2016 5:11

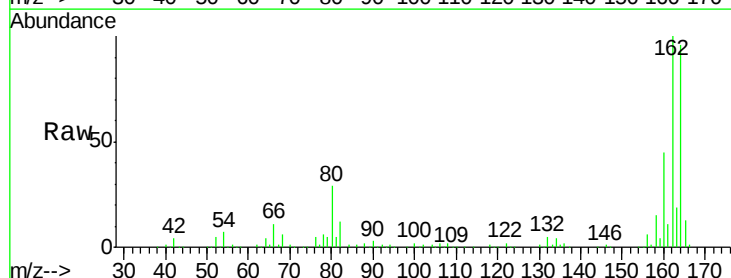
Tgt Ion:164 Resp: 220566

Ion Ratio Lower Upper

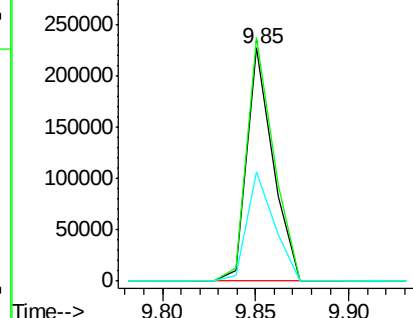
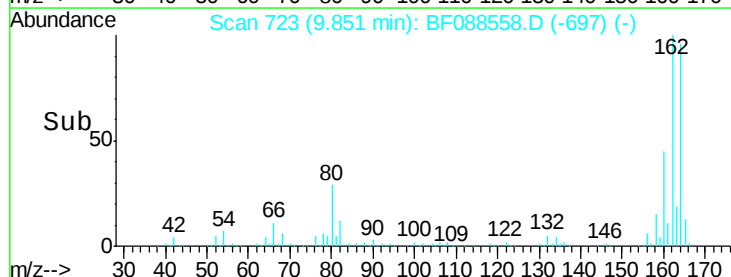
164 100

162 104.4 85.4 128.2

160 46.6 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

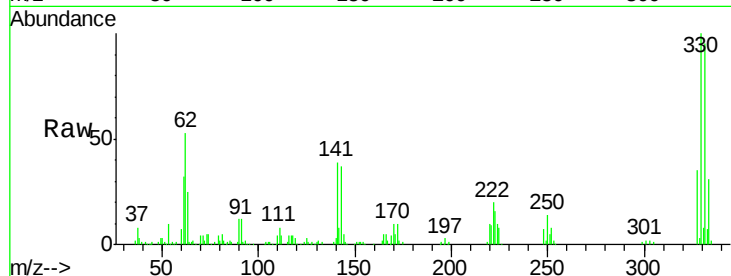




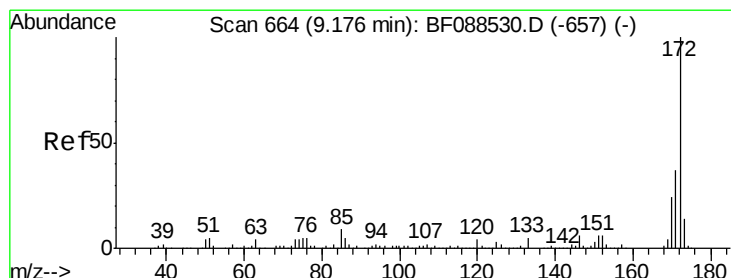
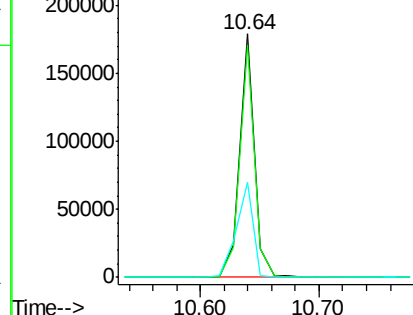
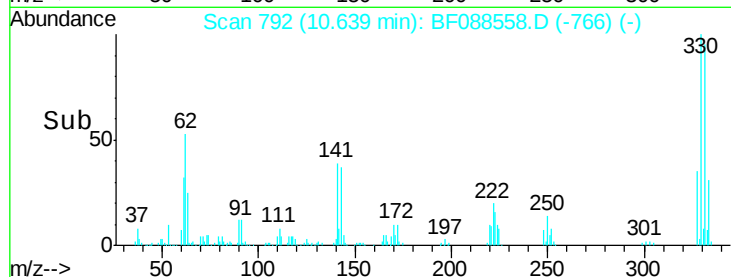
#41
 2,4,6-Tribromophenol
 Concen: 76.18 ng
 RT: 10.64 min Scan# 792
 Delta R.T. 0.00 min
 Lab File: BF088558.D
 Acq: 1 Jul 2016 5:11

Instrument :
 BNA_F
 ClientSampleId :
 D9-B2(0-11)C

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.3	0.0	0.0#
141	43.8	0.0	0.0#

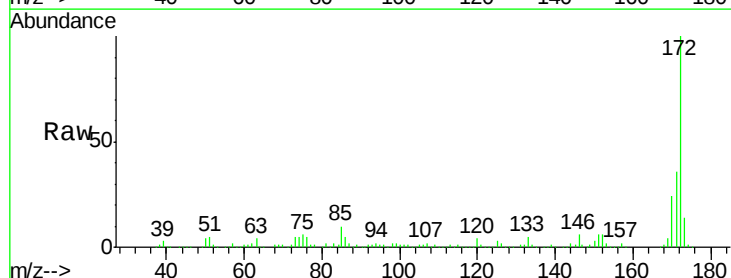


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

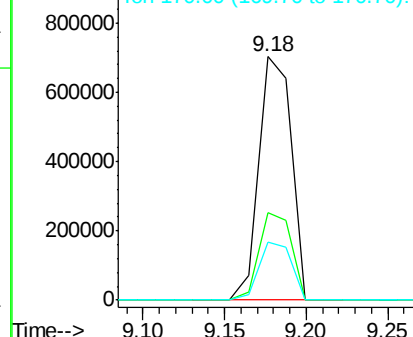
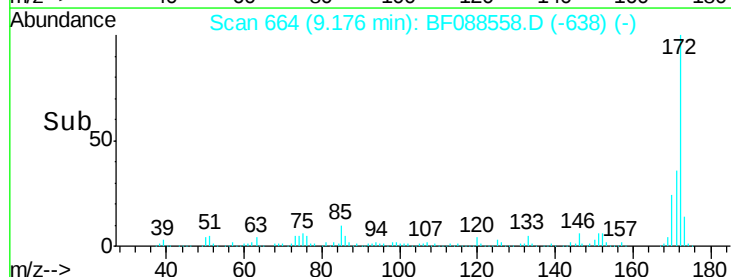


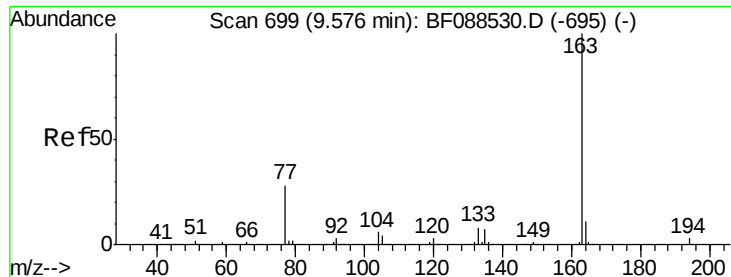
#44
 2-Fluorobiphenyl
 Concen: 69.63 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF088558.D
 Acq: 1 Jul 2016 5:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.8	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: 5.36 ng

RT: 9.58 min Scan# 699

Delta R.T. 0.00 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

Instrument :

BNA_F

ClientSampleId :

D9-B2(0-11)C

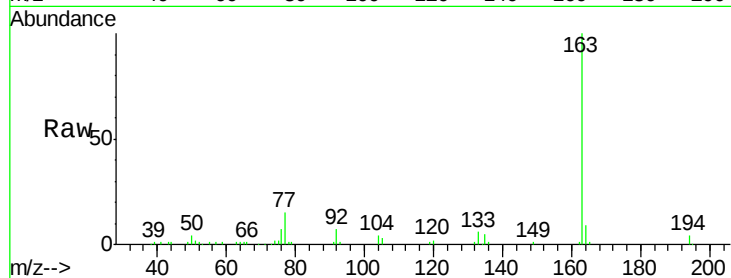
Tot Ion:163 Resp: 84296

Ion Ratio Lower Upper

163 100

194 3.8 2.8 4.2

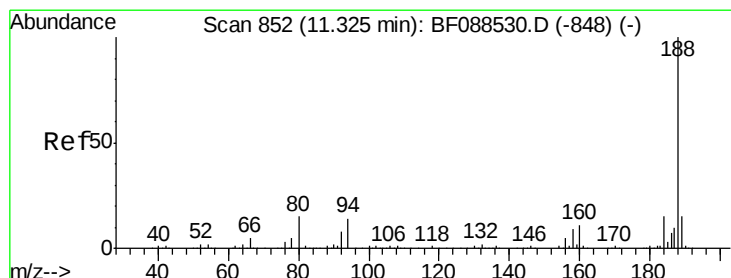
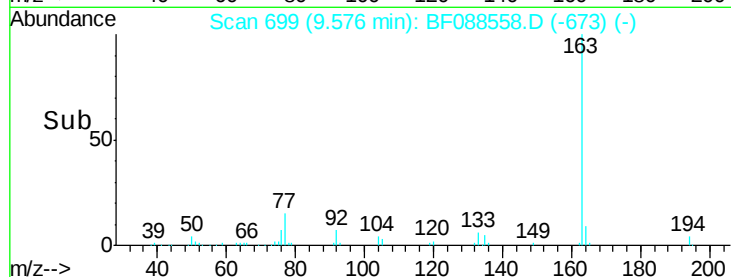
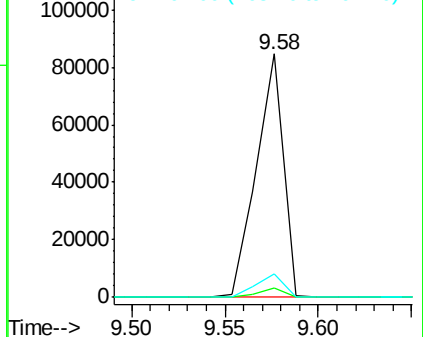
164 9.5 8.3 12.5



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: 11.34 min Scan# 853

Delta R.T. 0.01 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

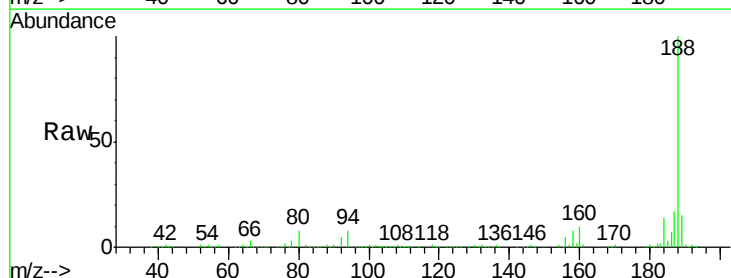
Tgt Ion:188 Resp: 389012

Ion Ratio Lower Upper

188 100

94 7.9 9.0 13.6#

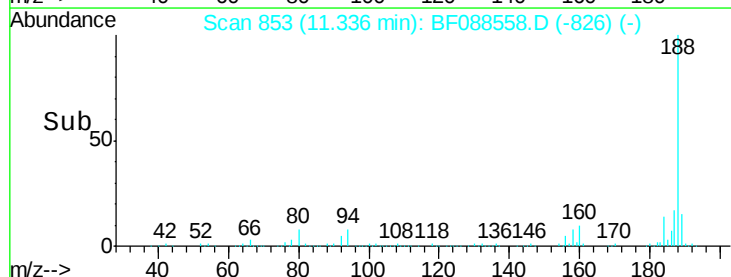
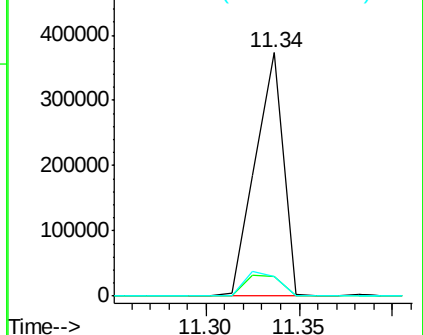
80 8.2 10.0 15.0#

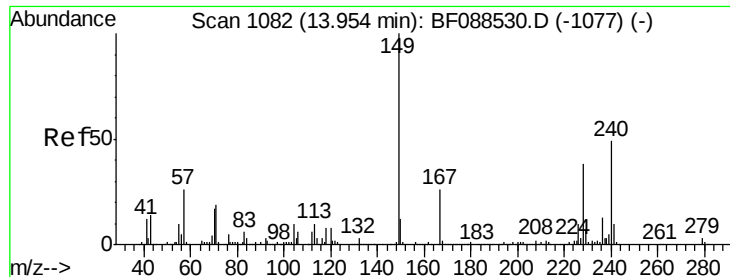


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.95 min Scan# 1082

Delta R.T. 0.00 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

Instrument :

BNA_F

ClientSampleId :

D9-B2(0-11)C

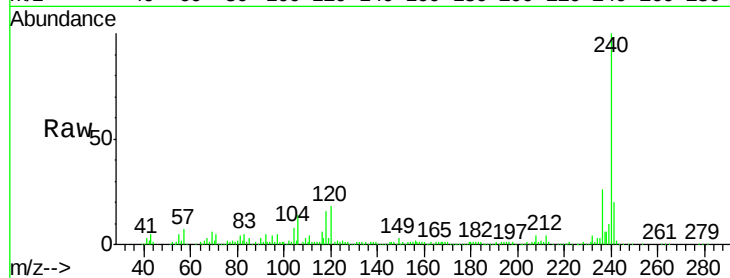
Tot Ion:240 Resp: 258809

Ion Ratio Lower Upper

240 100

120 18.4 6.8 10.2#

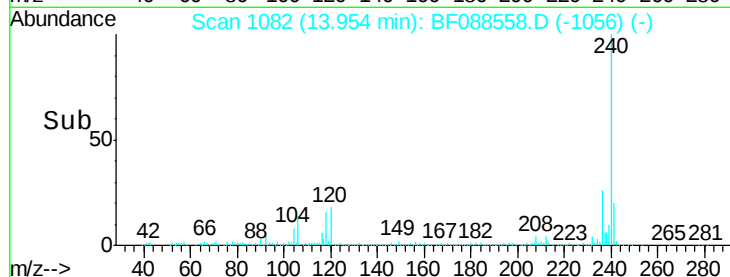
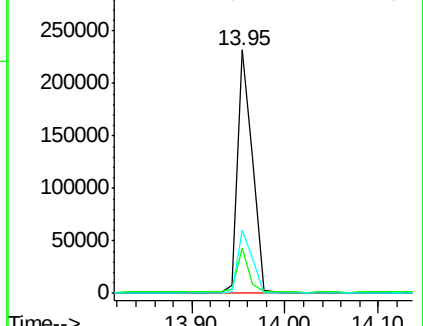
236 25.9 20.2 30.2



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: 52.40 ng

RT: 12.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BF088558.D

Acq: 1 Jul 2016 5:11

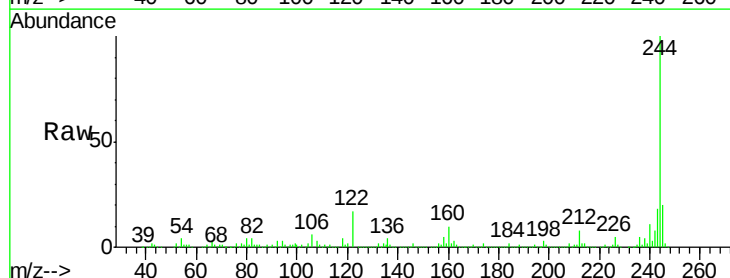
Tgt Ion:244 Resp: 608886

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

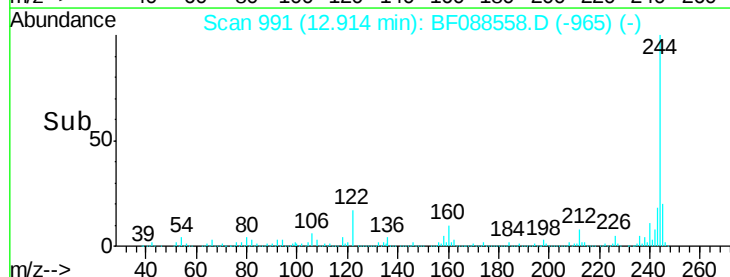
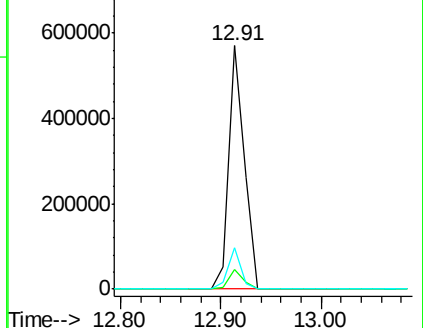
122 17.2 11.2 16.8#

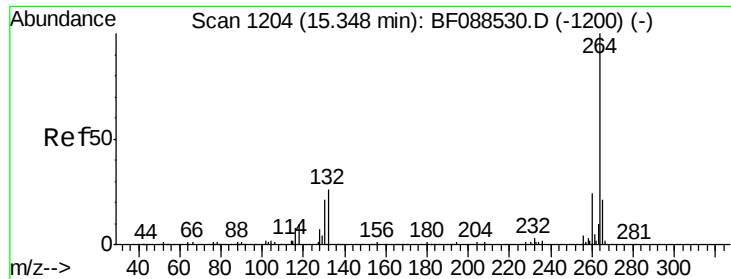


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF088558.D
Acq: 1 Jul 2016 5:11

Instrument :
BNA_F
ClientSampleId :
D9-B2(0-11)C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	16.9	25.3

