

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063016\
 Data File : BF088563.D
 Acq On : 1 Jul 2016 7:36
 Operator : UM/SJ
 Sample : H3701-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B2B

Quant Time: Jul 01 08:45:51 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 30 18:01:55 2016
 Response via : Initial Calibration

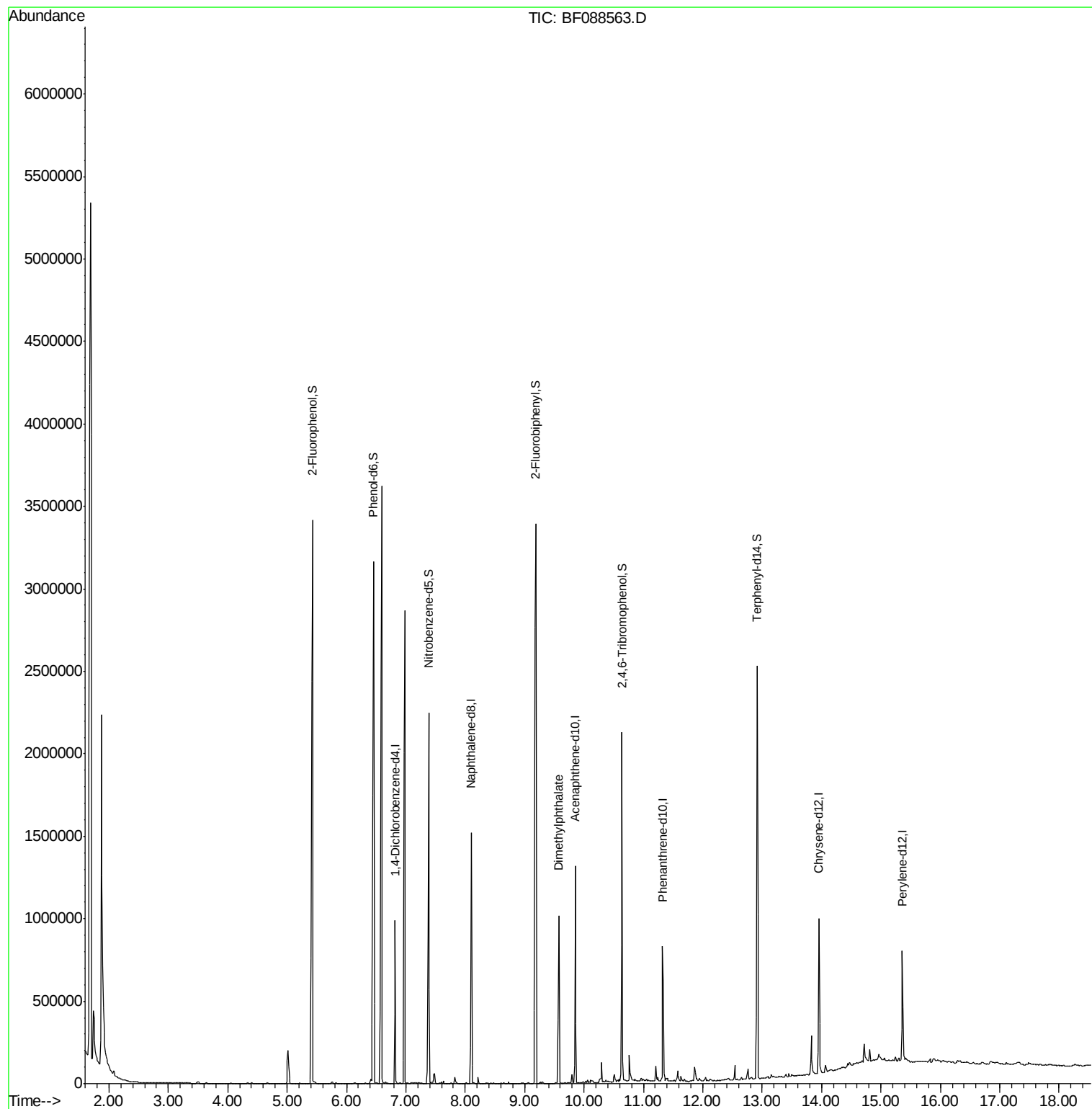
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	158674	20.00	ng	0.01
21) Naphthalene-d8	8.10	136	606811	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	247059	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	388216	20.00	ng	0.00
75) Chrysene-d12	13.95	240	299563	20.00	ng	0.00
86) Perylene-d12	15.36	264	297269	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	1268817	119.84	ng	0.02
7) Phenol-d6	6.46	99	1414646	103.41	ng	0.01
23) Nitrobenzene-d5	7.38	82	907672	78.39	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	230010	100.26	ng	0.00
44) 2-Fluorobiphenyl	9.19	172	1510338	96.56	ng	0.01
78) Terphenyl-d14	12.91	244	847824	63.04	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	9.58	163	441667	25.09	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: BF088563.D

Acq: 1 Jul 2016 7:36

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B2B

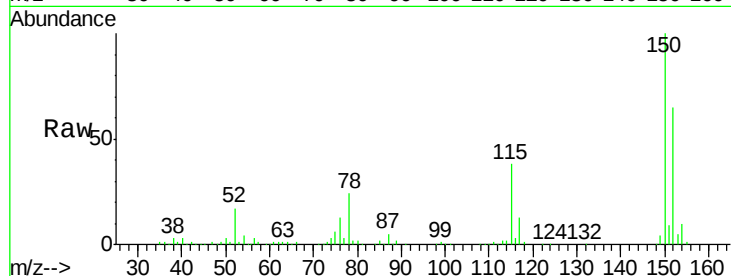
Tot Ion:152 Resp: 158674

Ion Ratio Lower Upper

152 100

150 154.8 123.8 185.6

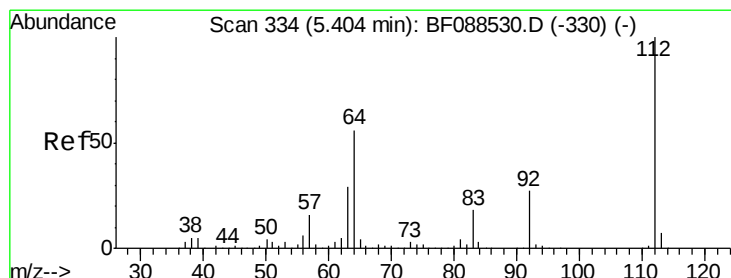
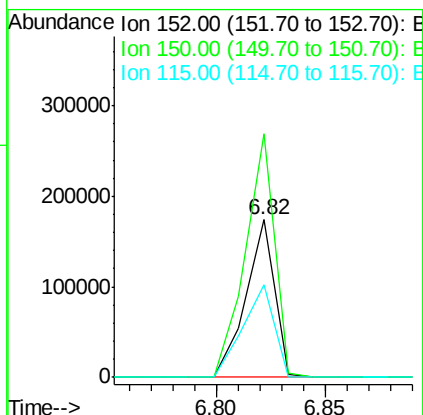
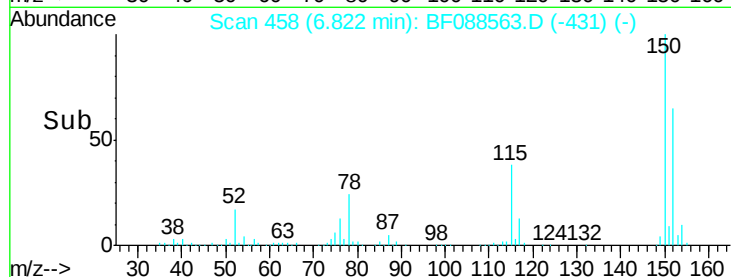
115 59.2 39.6 59.4



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: 119.84 ng

RT: 5.43 min Scan# 336

Delta R.T. 0.02 min

Lab File: BF088563.D

Acq: 1 Jul 2016 7:36

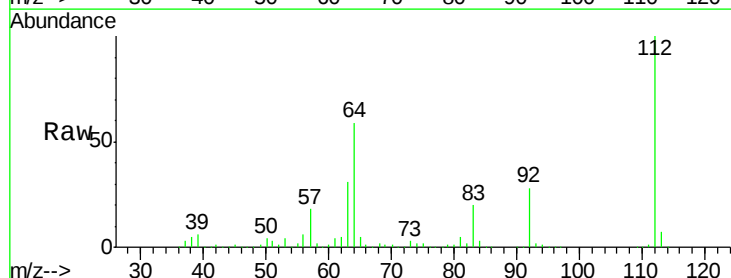
Tgt Ion:112 Resp: 1268817

Ion Ratio Lower Upper

112 100

64 58.6 42.2 63.2

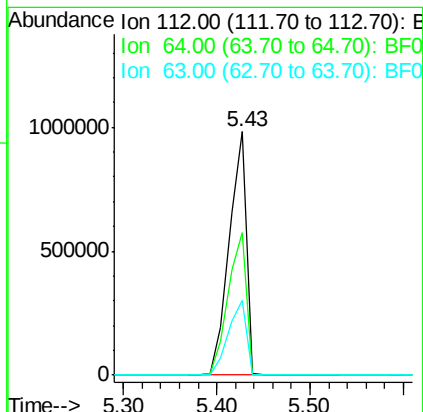
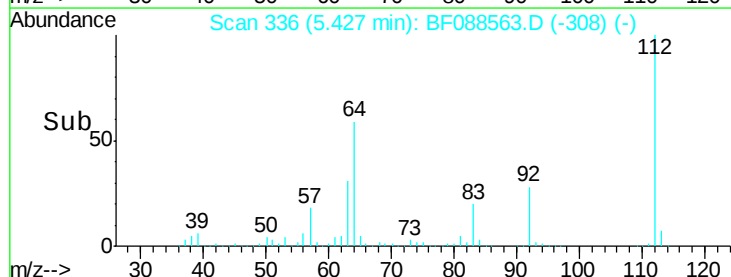
63 30.6 21.8 32.8



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: 103.41 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.01 min

Lab File: BF088563.D

Acq: 1 Jul 2016 7:36

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B2B

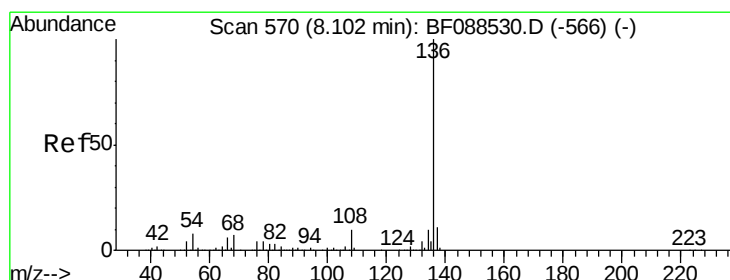
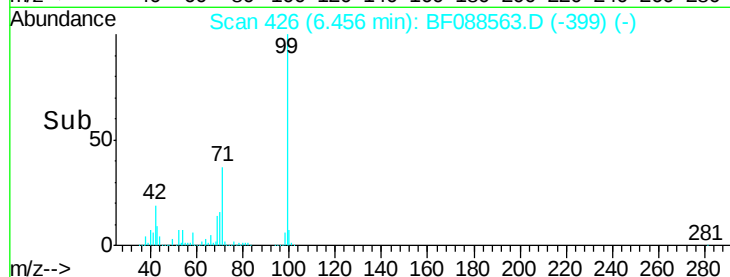
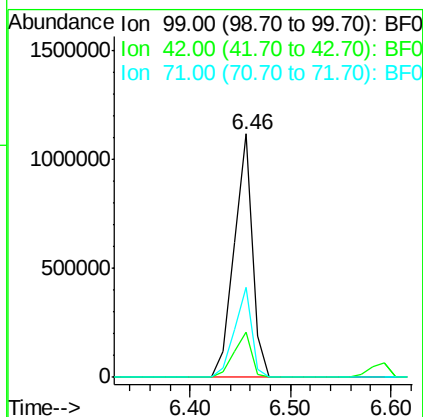
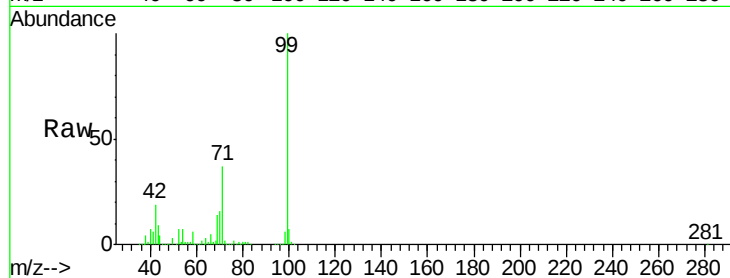
Tot Ion: 99 Resp: 1414646

Ion Ratio Lower Upper

99 100

42 18.5 12.2 18.2#

71 37.0 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 570

Delta R.T. -0.00 min

Lab File: BF088563.D

Acq: 1 Jul 2016 7:36

Tgt Ion: 136 Resp: 606811

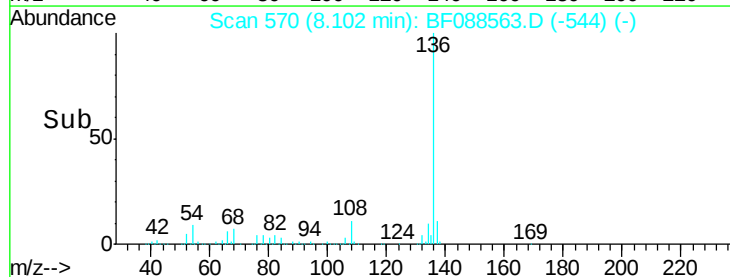
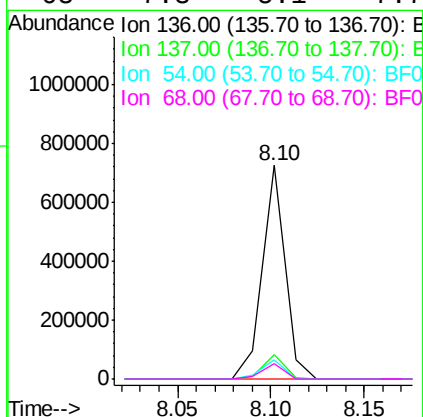
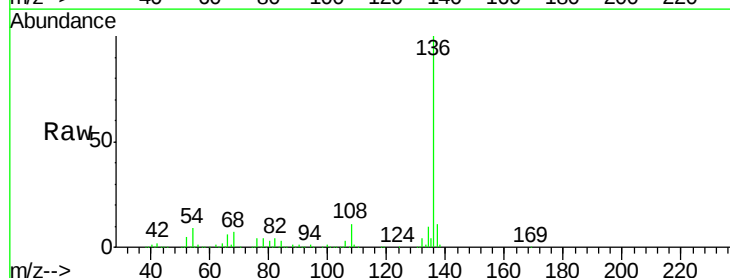
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.8 6.6 10.0

68 7.3 5.1 7.7

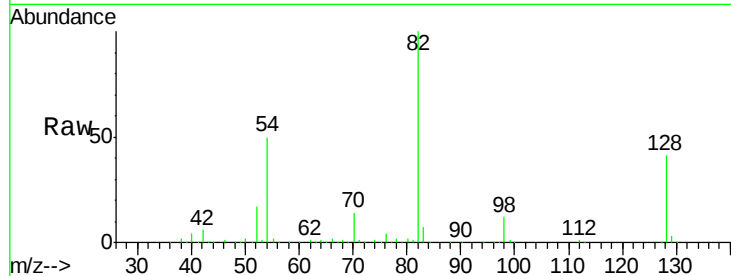




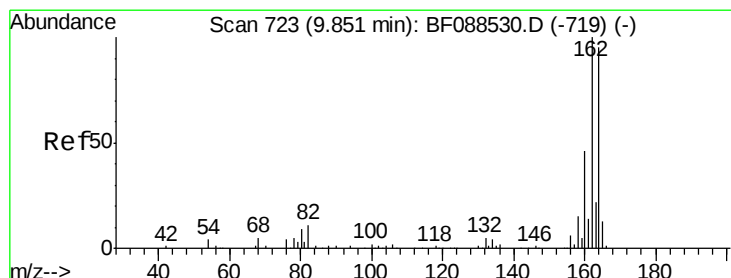
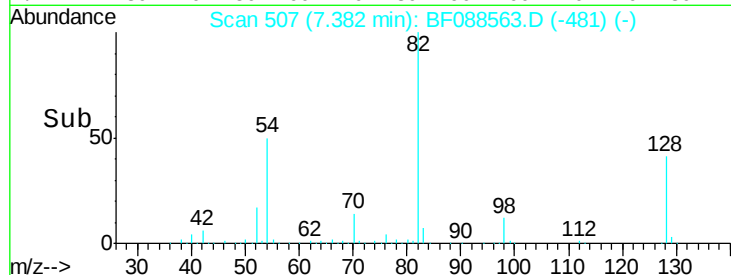
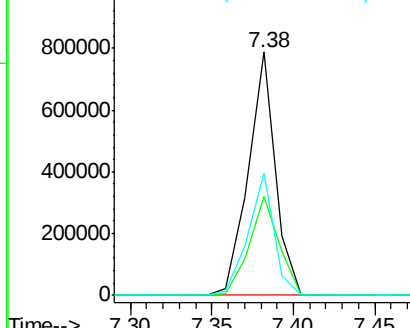
#23
 Nitrobenzene-d5
 Concen: 78.39 ng
 RT: 7.38 min Scan# 507
 Delta R.T. -0.00 min
 Lab File: BF088563.D
 Acq: 1 Jul 2016 7:36

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B2B

Tot Ion: 82 Resp: 907672
 Ion Ratio Lower Upper
 82 100
 128 40.6 35.9 53.9
 54 50.1 40.9 61.3

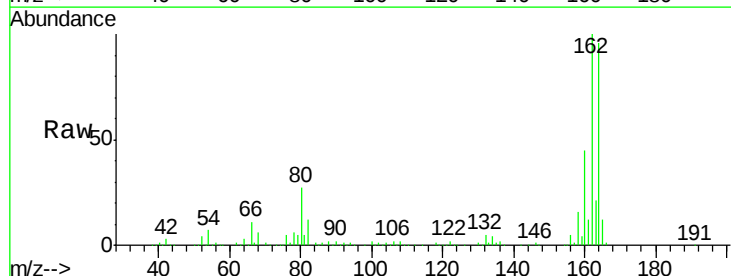


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

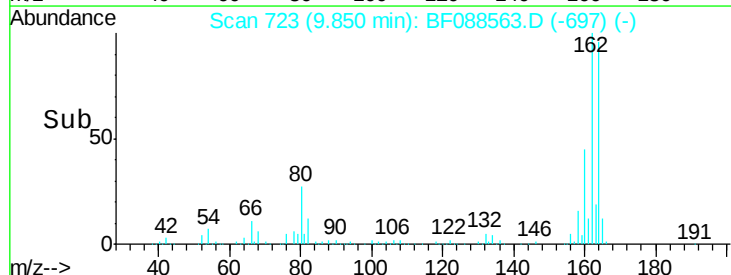
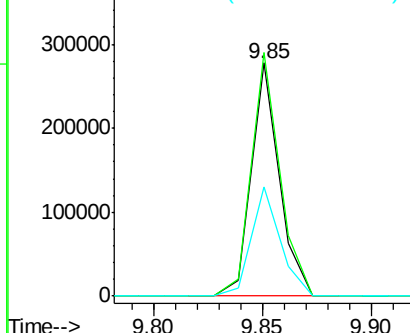


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.85 min Scan# 723
 Delta R.T. -0.00 min
 Lab File: BF088563.D
 Acq: 1 Jul 2016 7:36

Tgt Ion:164 Resp: 247059
 Ion Ratio Lower Upper
 164 100
 162 104.4 85.4 128.2
 160 46.9 39.5 59.3



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

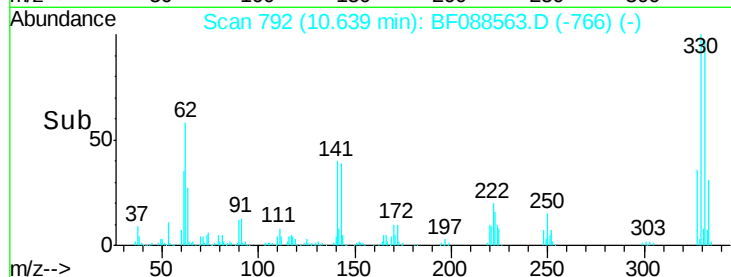
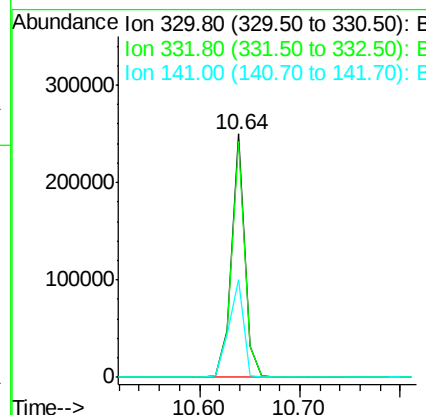
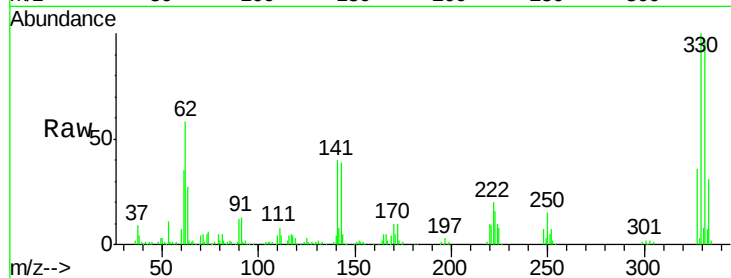




#41
 2,4,6-Tribromophenol
 Concen: 100.26 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088563.D
 Acq: 1 Jul 2016 7:36

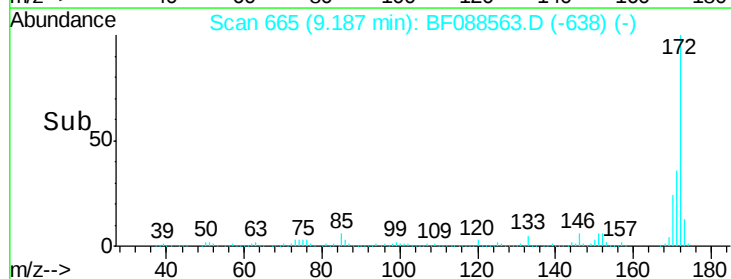
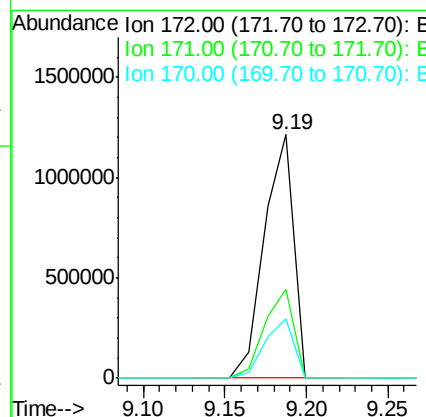
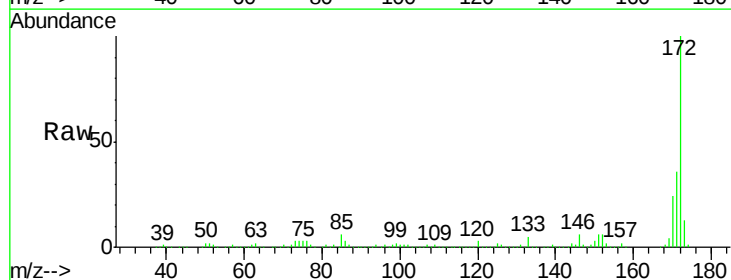
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B2B

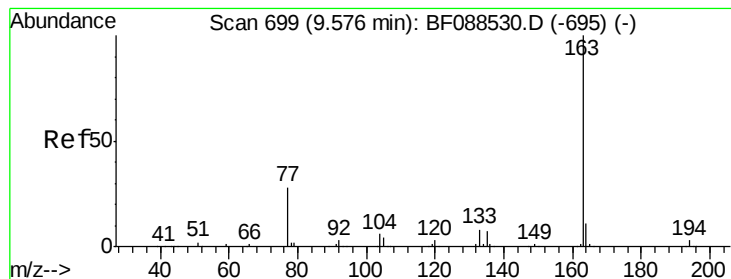
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	44.7	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 96.56 ng
 RT: 9.19 min Scan# 665
 Delta R.T. 0.01 min
 Lab File: BF088563.D
 Acq: 1 Jul 2016 7:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	43.0
170	24.3	19.2	28.8





#49

Dimethylphthalate

Concen: 25.09 ng

RT: 9.58 min Scan# 699

Delta R.T. -0.00 min

Lab File: BF088563.D

Acq: 1 Jul 2016 7:36

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B2B

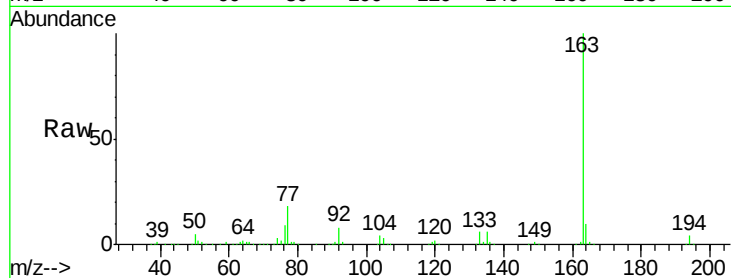
Tot Ion:163 Resp: 441667

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

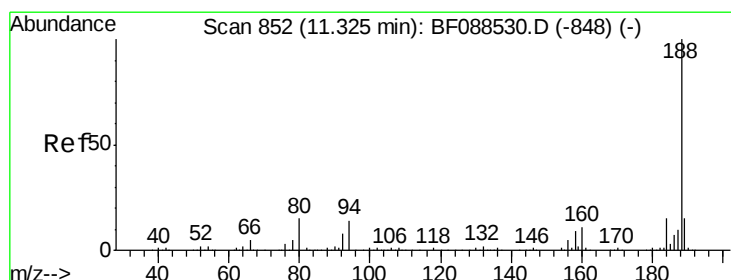
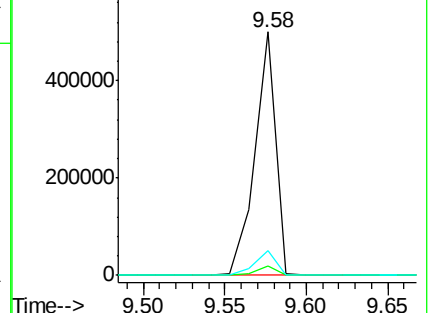
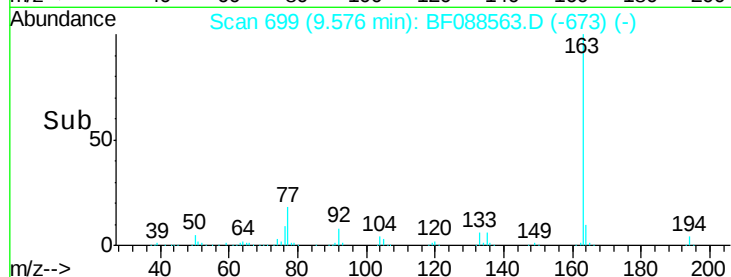
164 10.0 8.3 12.5



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: 11.32 min Scan# 852

Delta R.T. -0.00 min

Lab File: BF088563.D

Acq: 1 Jul 2016 7:36

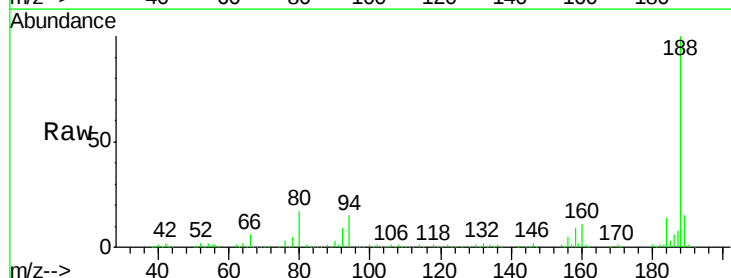
Tgt Ion:188 Resp: 388216

Ion Ratio Lower Upper

188 100

94 15.0 9.0 13.6#

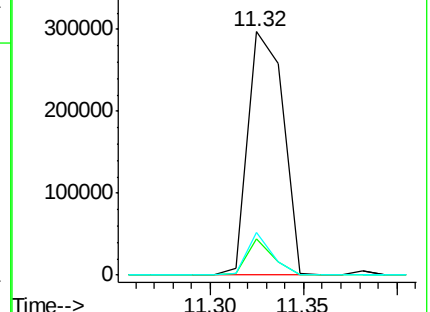
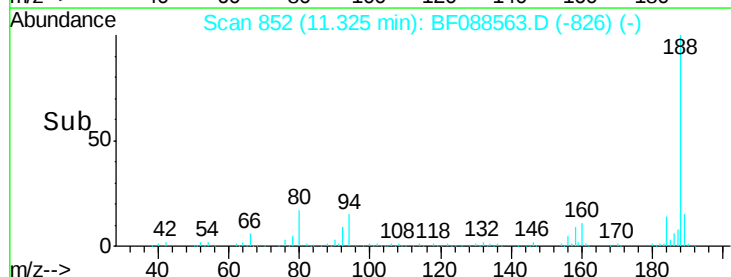
80 17.3 10.0 15.0#

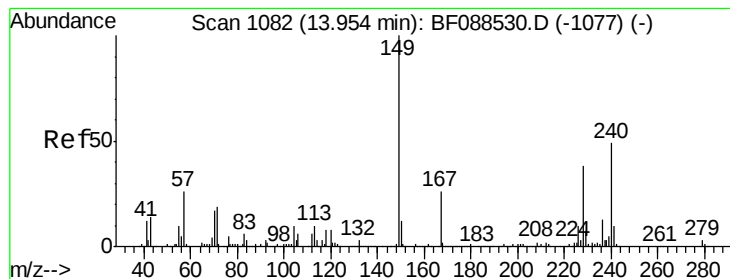


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF088563.D

Acq: 1 Jul 2016 7:36

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B2B

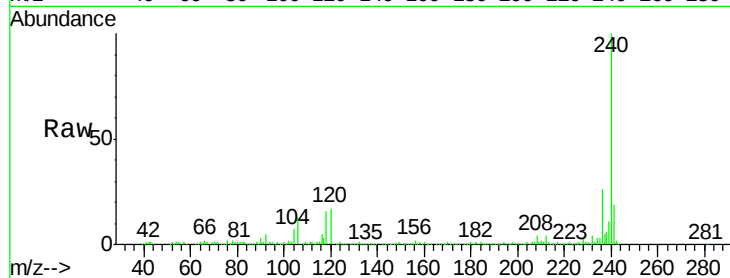
Tot Ion:240 Resp: 299563

Ion Ratio Lower Upper

240 100

120 17.0 6.8 10.2#

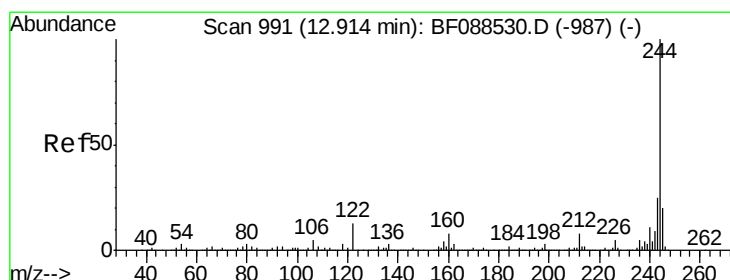
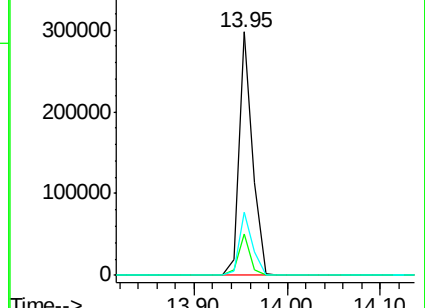
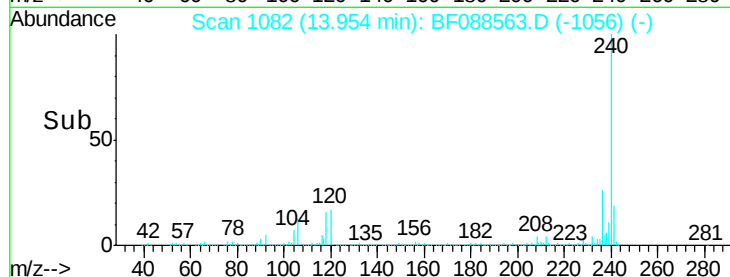
236 25.7 20.2 30.2



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: 63.04 ng

RT: 12.91 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF088563.D

Acq: 1 Jul 2016 7:36

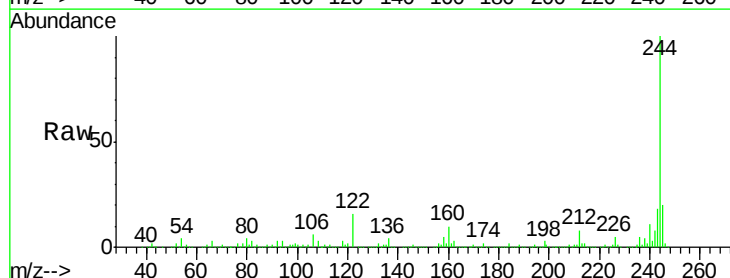
Tgt Ion:244 Resp: 847824

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

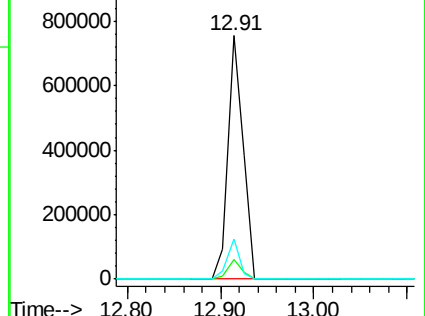
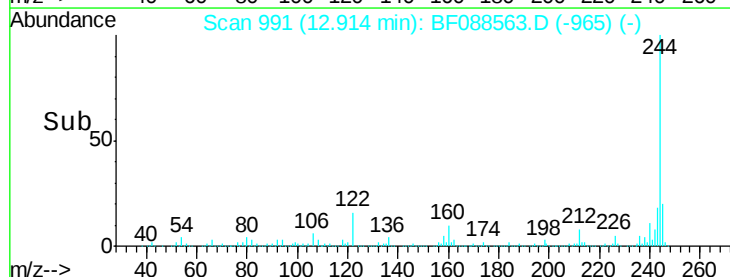
122 16.5 11.2 16.8

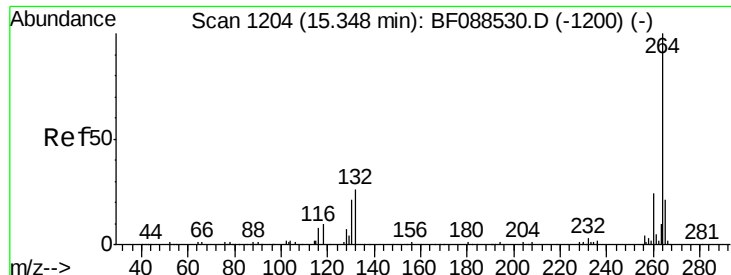


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

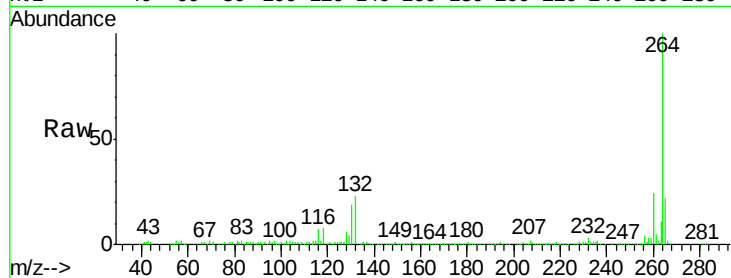




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.36 min Scan# 1205
Delta R.T. 0.01 min
Lab File: BF088563.D
Acq: 1 Jul 2016 7:36

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B2B

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	21.8	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

