

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 08:44:40 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

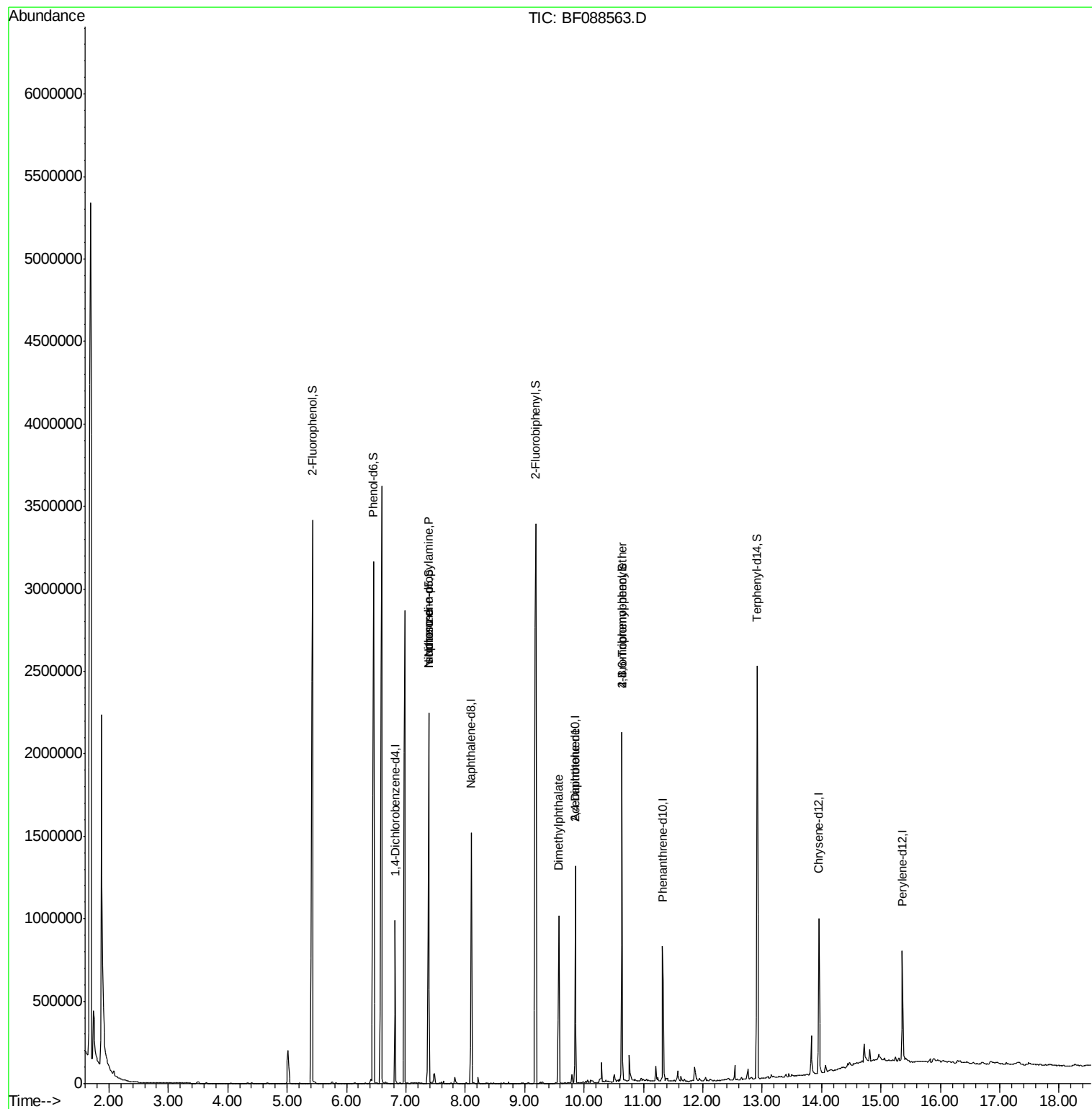
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	158674	20.00	ng	0.01
21) Naphthalene-d8	8.10	136	606811	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	247059	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	388216	20.00	ng	0.00
75) Chrysene-d12	13.95	240	299563	20.00	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						
19) n-Nitroso-di-n-propylamine	7.38	70	122878	13.37	ng	# 75
25) Isophorone	7.38	82	673155	31.38	ng	# 65
49) Dimethylphthalate	9.58	163	441667	25.09	ng	99
56) 2,4-Dinitrotoluene	9.85	165	31523	6.18	ng	# 38
66) 4-Bromophenyl-phenylether	10.64	248	16450	4.20	ng	# 1

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

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 08:44:40 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

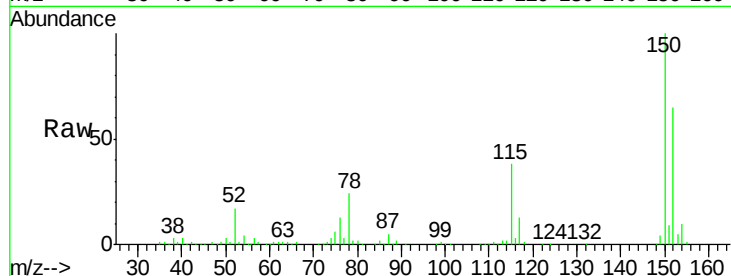




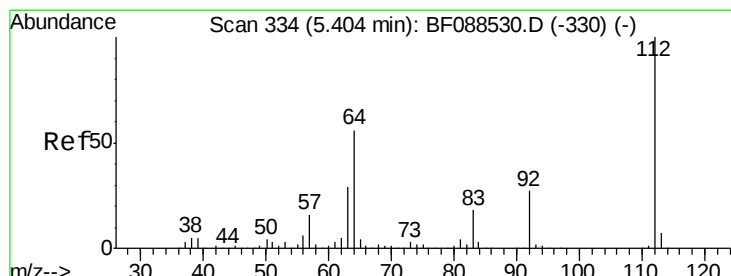
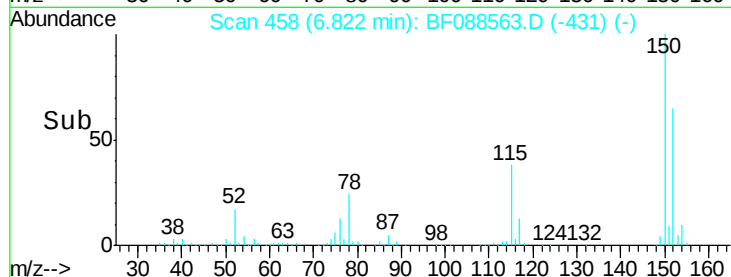
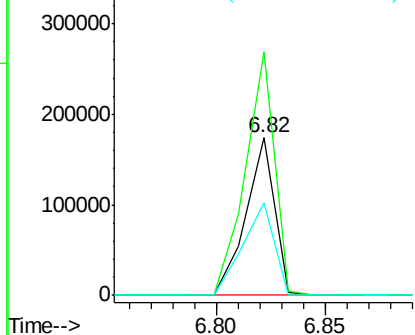
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 458
 Delta R.T. 0.01 min
 Lab File: BF088563.D
 Acq: 1 Jul 2016 7:36

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B2B

Tgt Ion:152 Resp: 158674
 Ion Ratio Lower Upper
 152 100
 150 154.8 123.8 185.6
 115 59.2 39.6 59.4

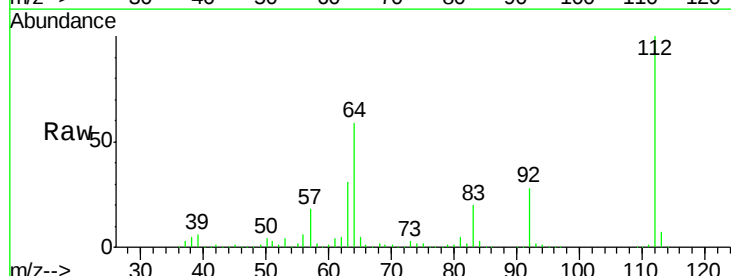


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

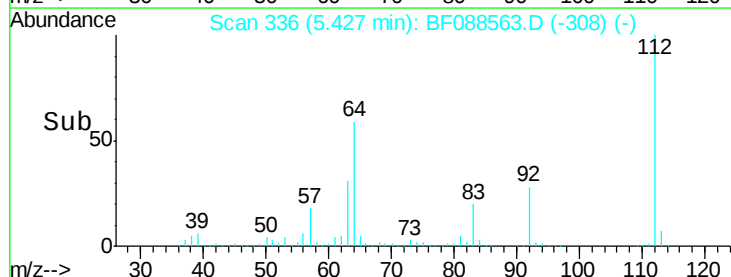
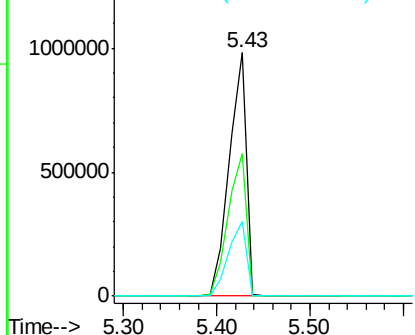


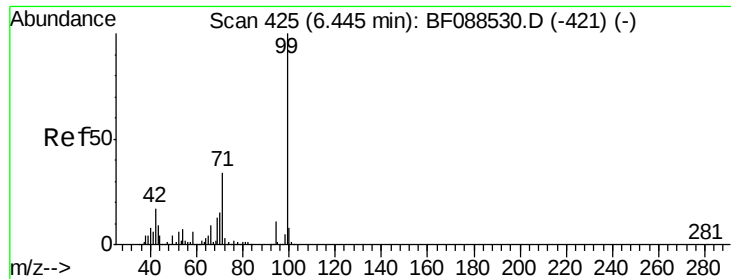
#5
 2-Fluorophenol
 Concen: 119.84 ng
 RT: 5.43 min Scan# 336
 Delta R.T. 0.02 min
 Lab File: BF088563.D
 Acq: 1 Jul 2016 7:36

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

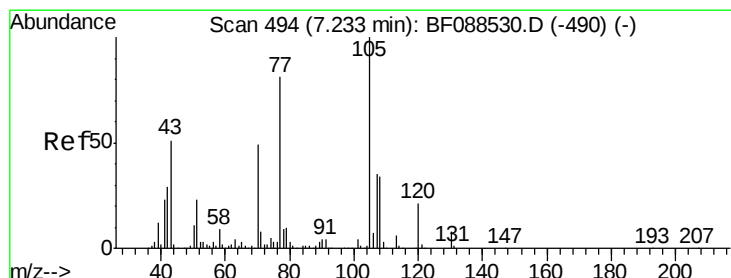
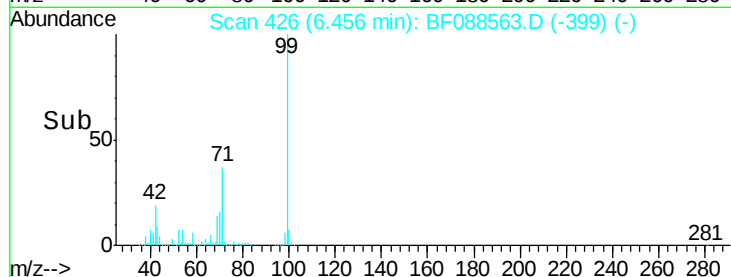
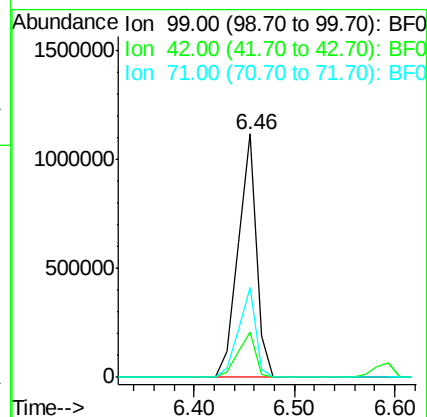
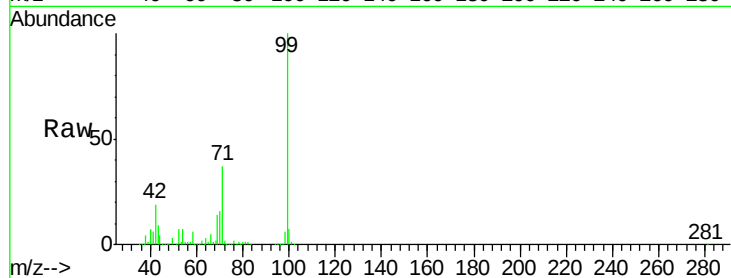
Tgt Ion: 99 Resp: 1414646

Ion Ratio Lower Upper

99 100

42 18.5 12.2 18.2#

71 37.0 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 13.37 ng

RT: 7.38 min Scan# 507

Delta R.T. 0.15 min

Lab File: BF088563.D

Acq: 1 Jul 2016 7:36

Tgt Ion: 70 Resp: 122878

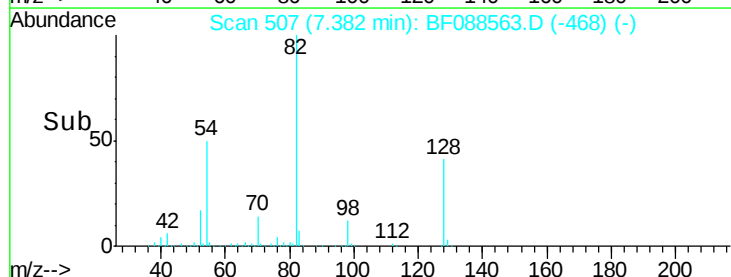
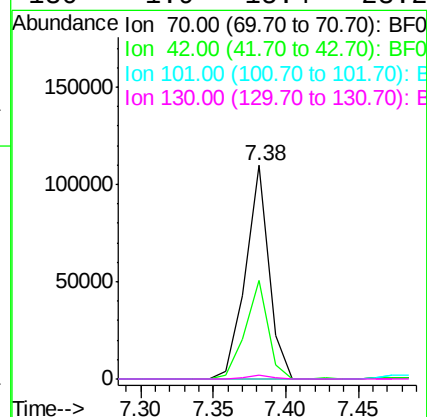
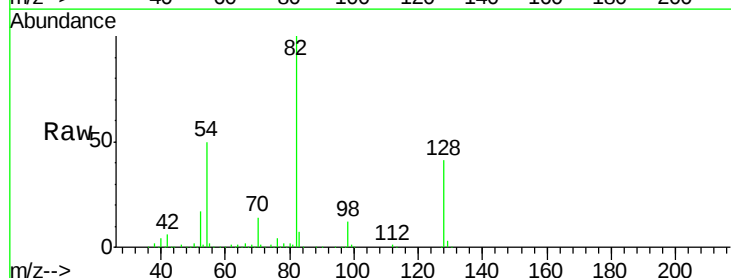
Ion Ratio Lower Upper

70 100

42 46.2 49.6 74.4#

101 0.0 7.1 10.7#

130 1.9 15.4 23.2#





#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

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B2B

Tgt Ion:136 Resp: 606811

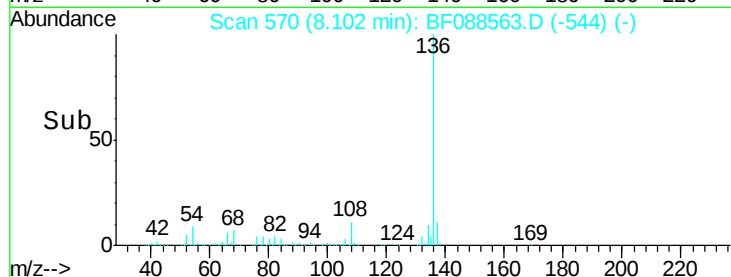
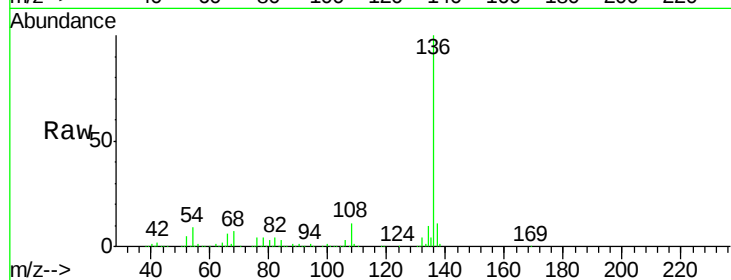
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.8 6.6 10.0

68 7.3 5.1 7.7

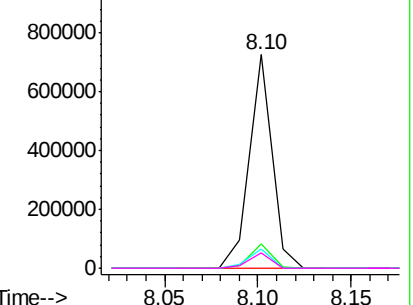


Abundance Ion 136.00 (135.70 to 136.70): E

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: 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

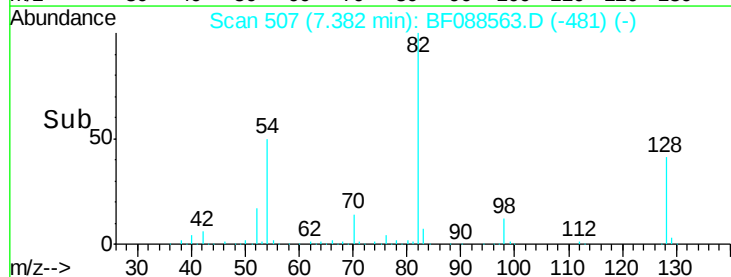
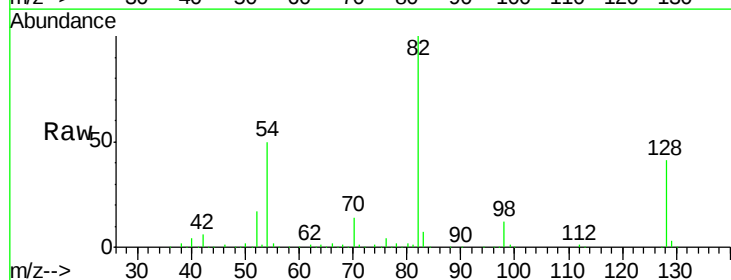
Tgt Ion: 82 Resp: 907672

Ion Ratio Lower Upper

82 100

128 40.6 35.9 53.9

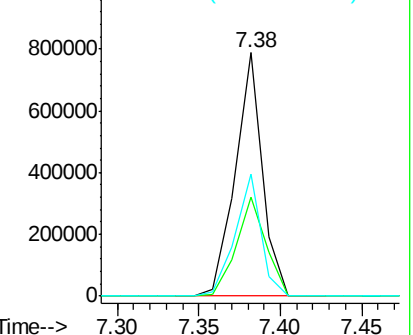
54 50.1 40.9 61.3

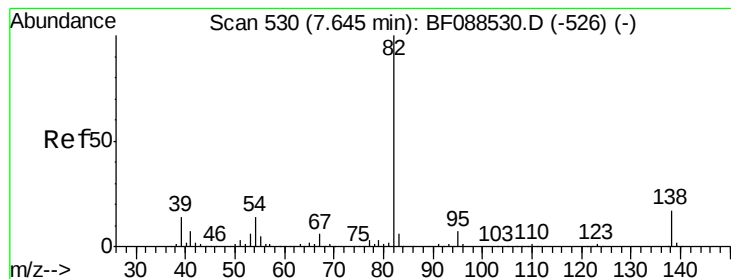


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 31.38 ng

RT: 7.38 min Scan# 507

Delta R.T. -0.26 min

Lab File: BF088563.D

Acq: 1 Jul 2016 7:36

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-B2B

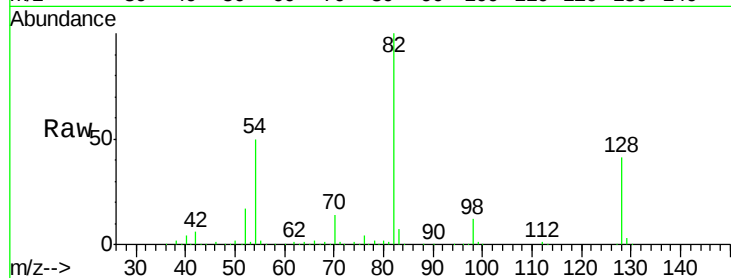
Tgt Ion: 82 Resp: 673155

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

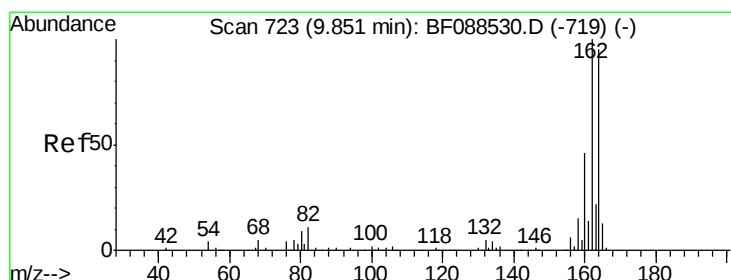
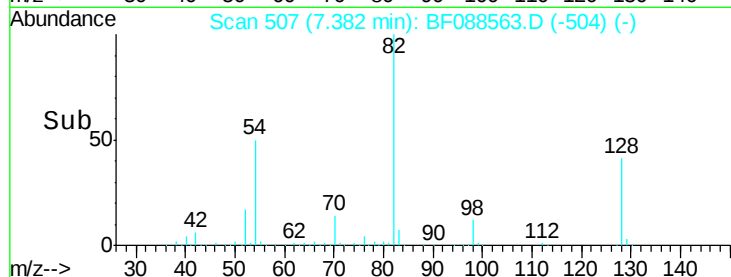
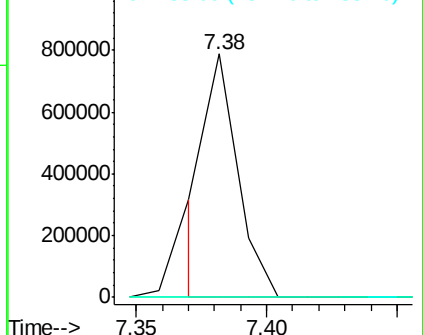
138 0.0 14.6 21.8#



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): E



#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

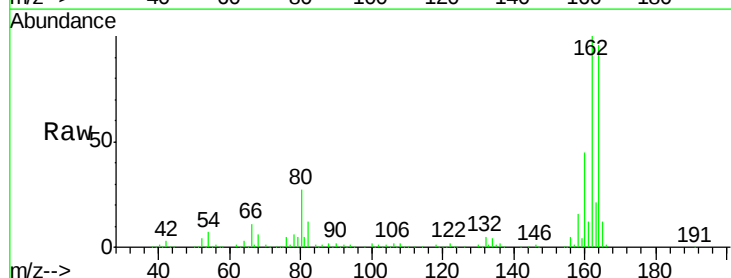
Tgt Ion: 164 Resp: 247059

Ion Ratio Lower Upper

164 100

162 104.4 85.4 128.2

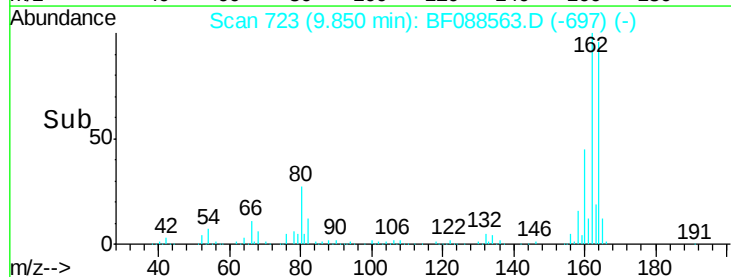
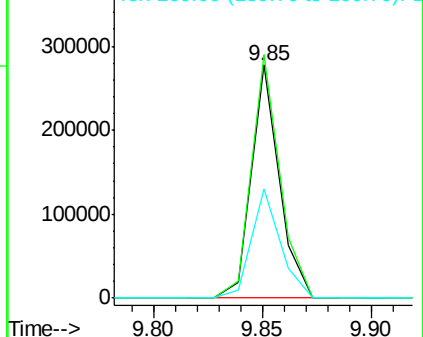
160 46.9 39.5 59.3



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

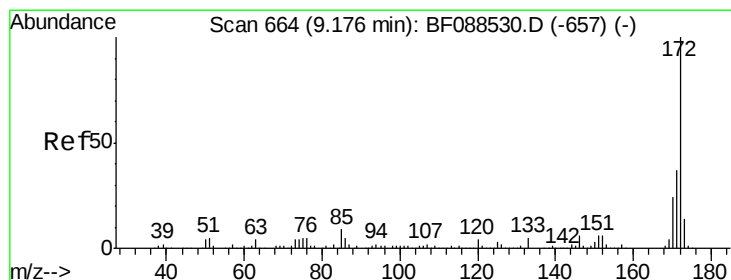
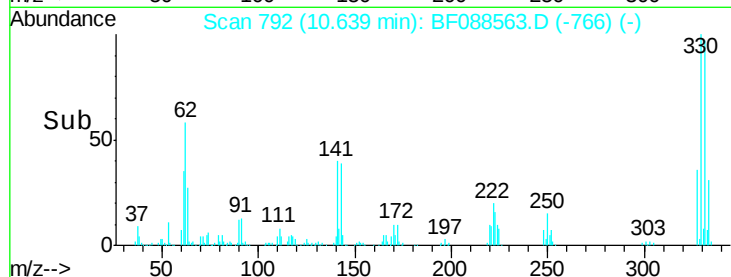
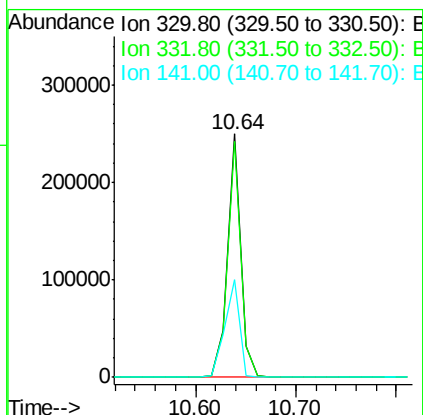
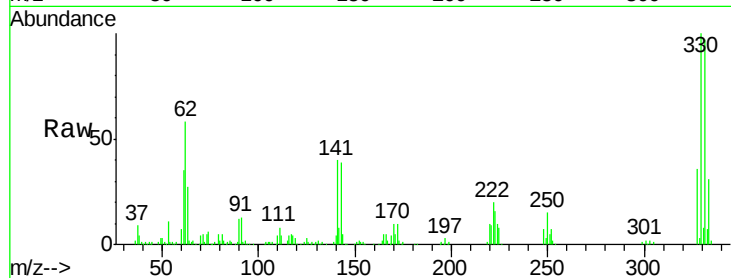




#41
 2,4,6-Tribromophenol
 Concen: 100.26 ng
 RT: 10.64 min Scan# 792
 Delta R.T. -0.00 min
 Lab File: BF088563.D
 Acq: 1 Jul 2016 7:36

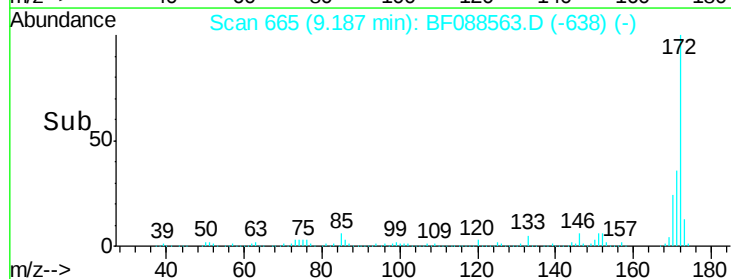
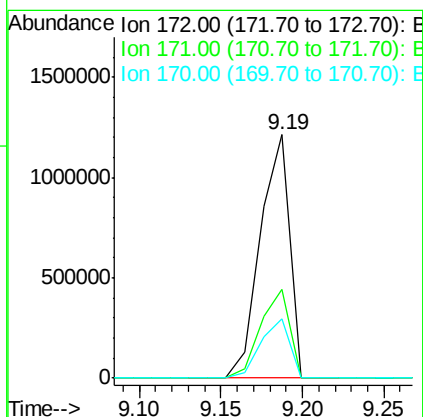
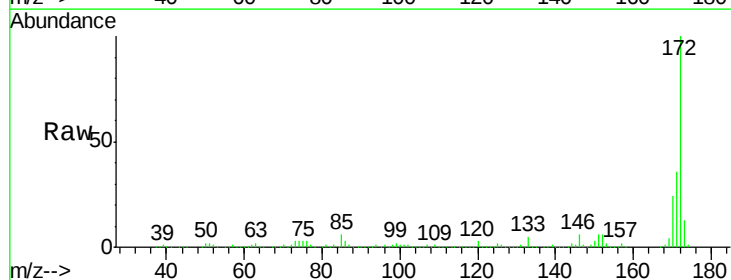
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-B2B

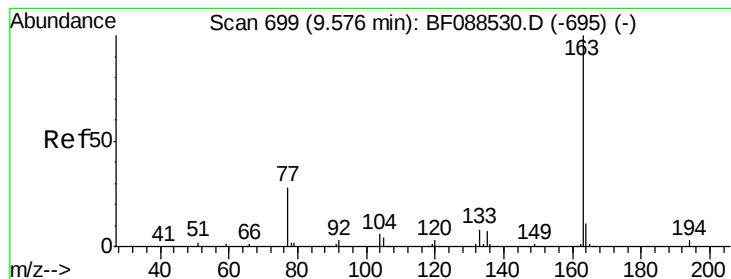
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	44.7	0.0	0.0#



#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

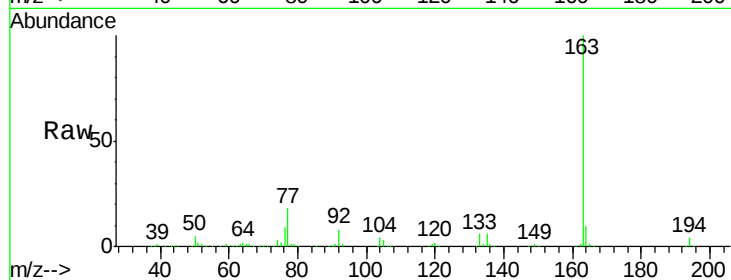
Tgt Ion:163 Resp: 441667

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

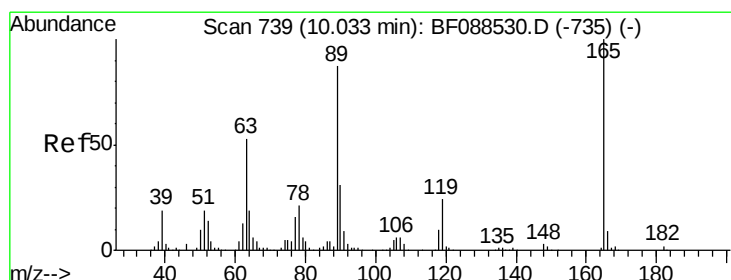
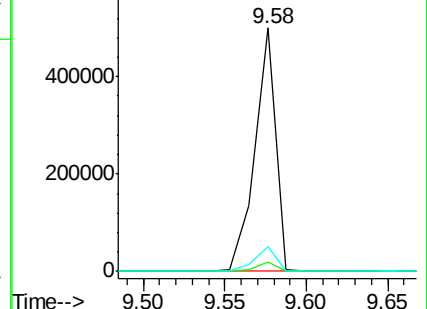
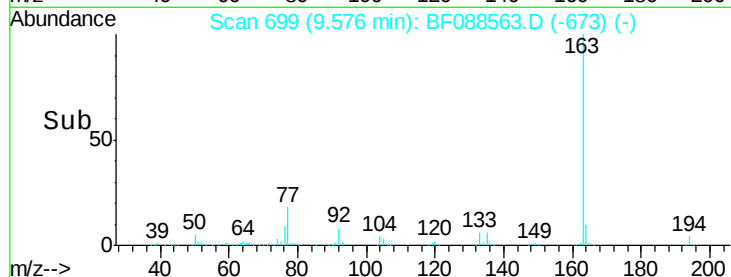
164 10.0 8.3 12.5



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



#56

2,4-Dinitrotoluene

Concen: 6.18 ng

RT: 9.85 min Scan# 723

Delta R.T. -0.18 min

Lab File: BF088563.D

Acq: 1 Jul 2016 7:36

Tgt Ion:165 Resp: 31523

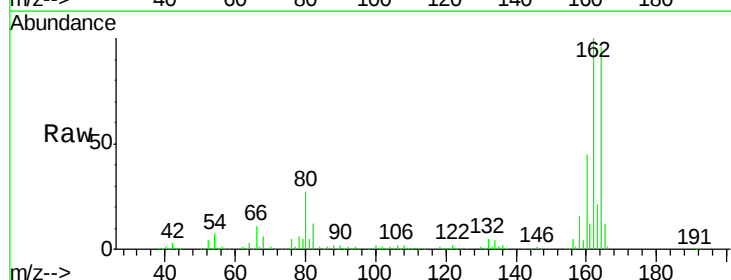
Ion Ratio Lower Upper

165 100

63 1.5 22.0 33.0#

89 1.7 41.1 61.7#

182 0.0 2.0 3.0#

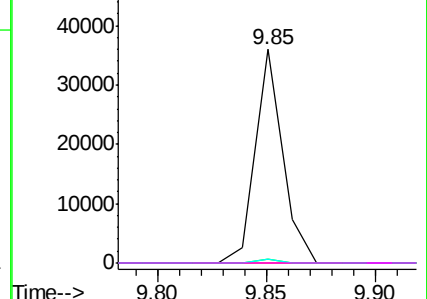
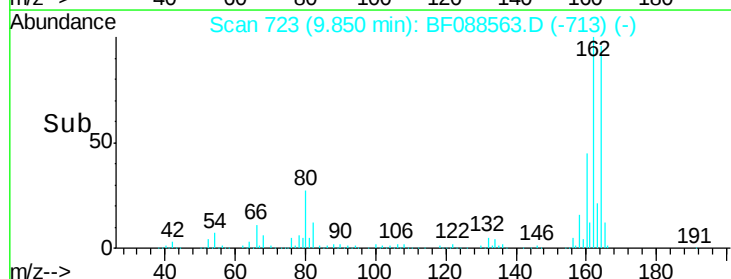


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

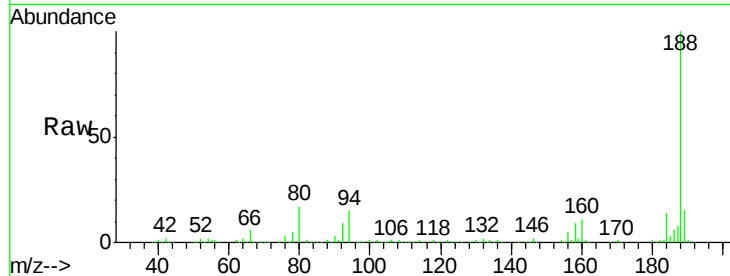




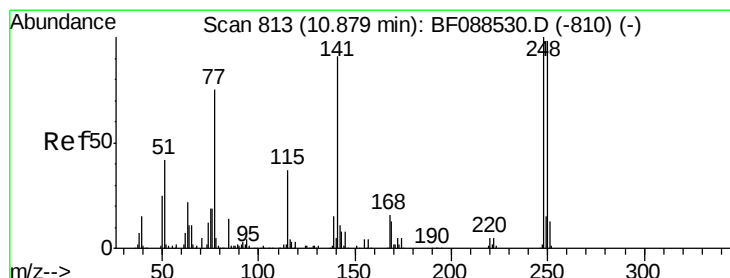
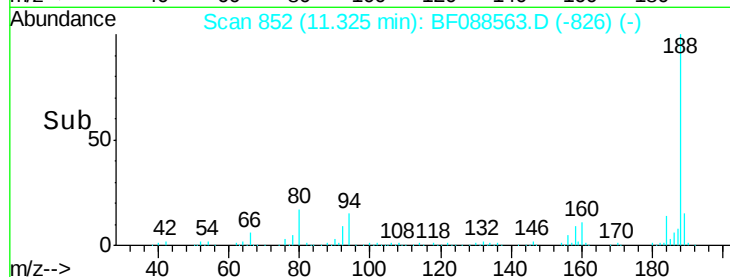
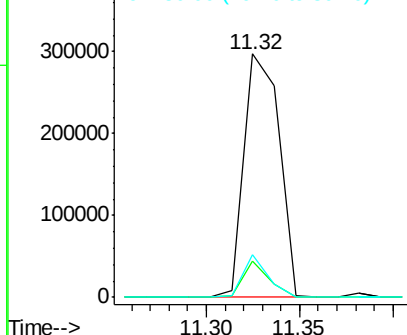
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF088563.D
Acq: 1 Jul 2016 7:36

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-B2B

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#

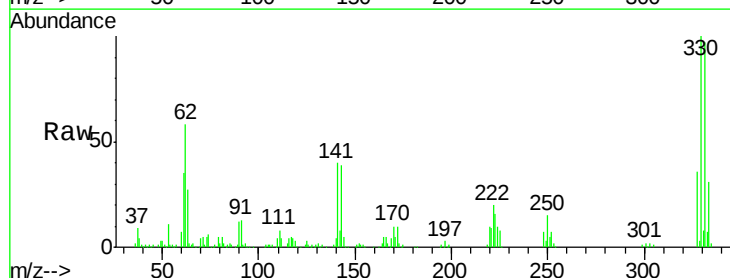


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

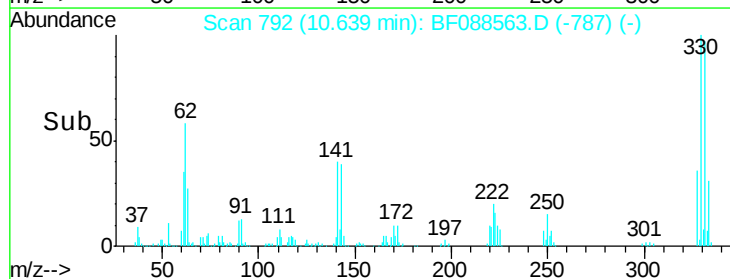
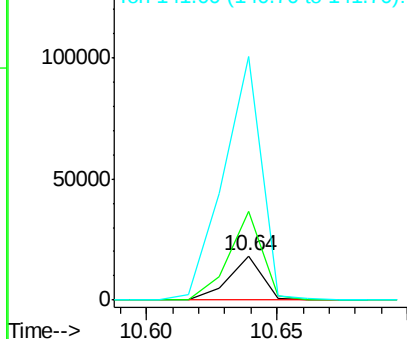


#66
4-Bromophenyl-phenylether
Concen: 4.20 ng
RT: 10.64 min Scan# 792
Delta R.T. -0.24 min
Lab File: BF088563.D
Acq: 1 Jul 2016 7:36

Tgt Ion:248 Resp: 16450
Ion Ratio Lower Upper
248 100
250 201.7 77.1 115.7#
141 552.1 50.6 76.0#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#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

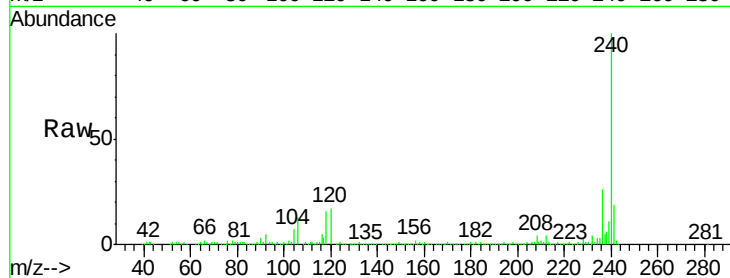
Tgt Ion:240 Resp: 299563

Ion Ratio Lower Upper

240 100

120 17.0 6.8 10.2#

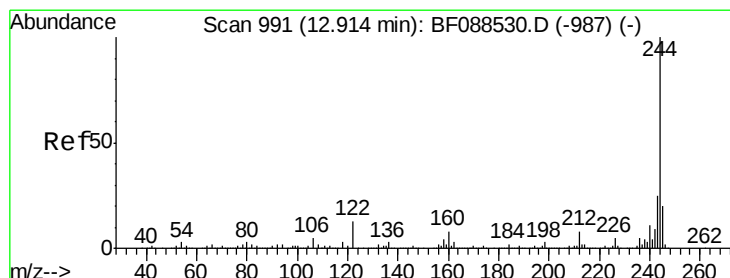
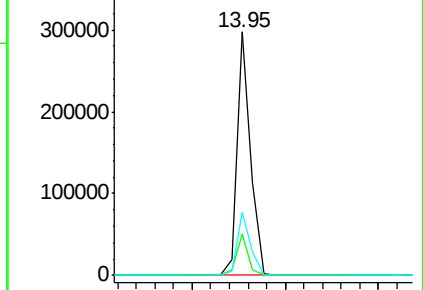
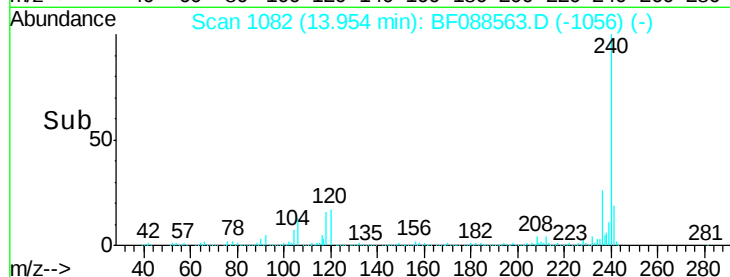
236 25.7 20.2 30.2



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

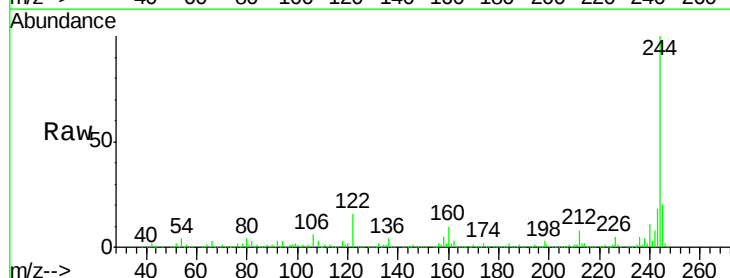
Tgt Ion:244 Resp: 847824

Ion Ratio Lower Upper

244 100

212 8.1 6.0 9.0

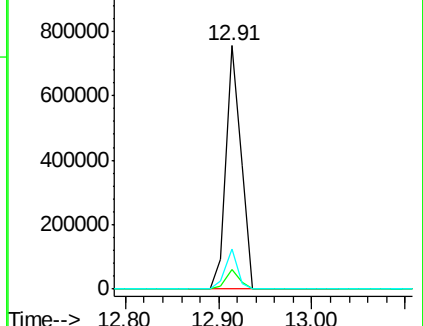
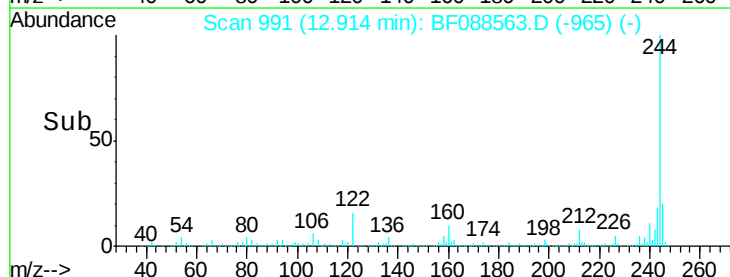
122 16.5 11.2 16.8

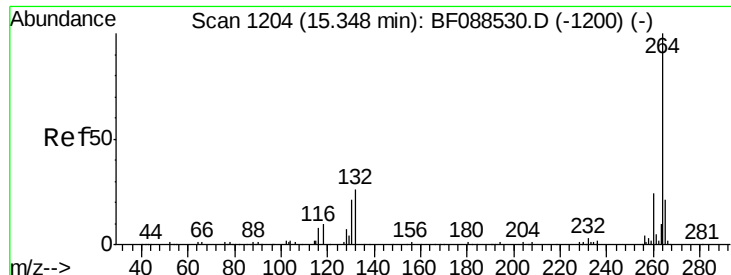


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-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

Tgt Ion: 264 Resp: 297269
Ion Ratio Lower Upper
264 100
260 24.3 19.2 28.8
265 21.8 16.9 25.3

