

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
 Data File : BF088725.D
 Acq On : 6 Jul 2016 2:04
 Operator : UM/SJ
 Sample : H3881-01
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B3-0-12-C

Quant Time: Jul 06 02:27:26 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 06 01:47:10 2016
 Response via : Initial Calibration

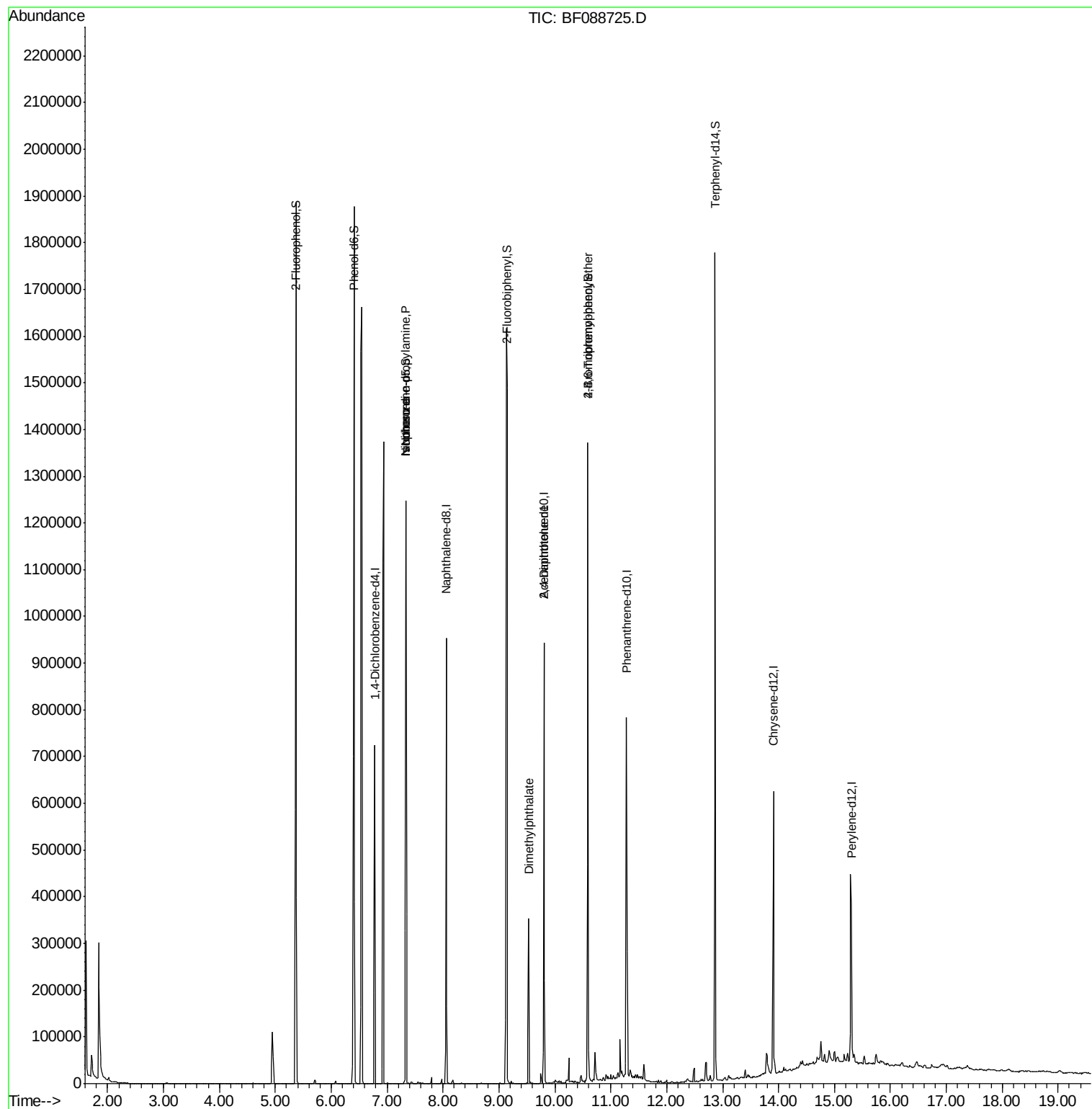
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	107041	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	397231	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	173537	20.00	ng	-0.01
63) Phenanthrene-d10	11.28	188	283635	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	203777	20.00	ng	-0.01
86) Perylene-d12	15.30	264	199793	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	577528	80.86	ng	0.00
7) Phenol-d6	6.41	99	743731	80.59	ng	0.00
23) Nitrobenzene-d5	7.34	82	476864	62.91	ng	-0.01
41) 2,4,6-Tribromophenol	10.59	330	150422	93.34	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	767548	69.86	ng	0.00
78) Terphenyl-d14	12.87	244	527099	57.61	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	62884	10.14	ng	# 74
25) Isophorone	7.34	82	393197	28.00	ng	# 65
49) Dimethylphthalate	9.53	163	148740	12.03	ng	99
56) 2,4-Dinitrotoluene	9.80	165	22649	6.32	ng	# 38
66) 4-Bromophenyl-phenylether	10.59	248	11056	3.87	ng	# 1

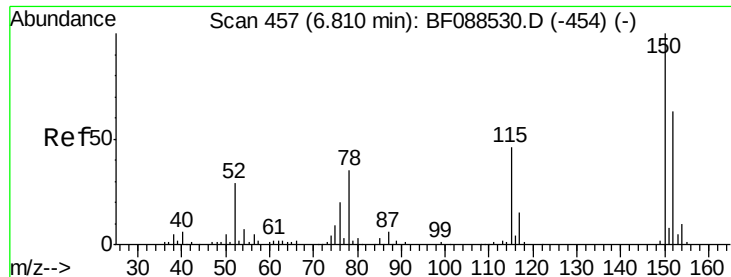
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070516\
Data File : BF088725.D
Acq On : 6 Jul 2016 2:04
Operator : UM/SJ
Sample : H3881-01
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
Q6-B3-0-12-C

Quant Time: Jul 06 02:27:26 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 06 01:47:10 2016
Response via : Initial Calibration

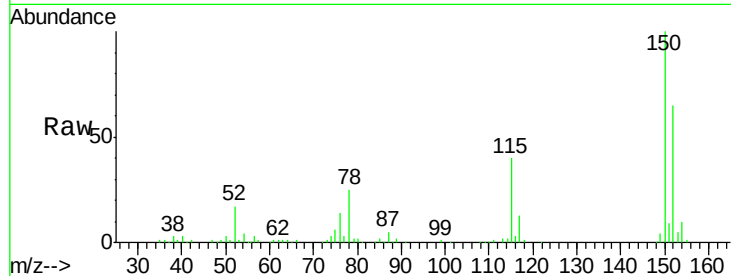




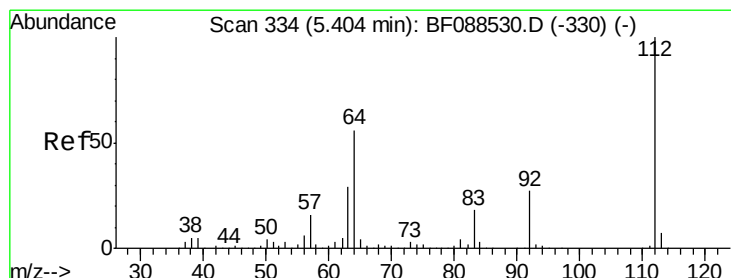
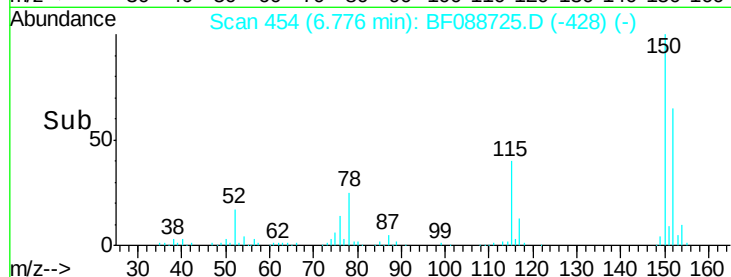
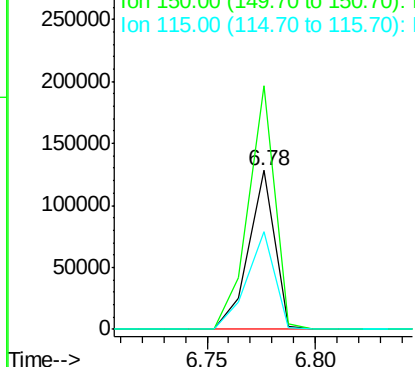
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 454
 Delta R.T. 0.00 min
 Lab File: BF088725.D
 Acq: 6 Jul 2016 2:04

Instrument :
 BNA_F
 ClientSampleId :
 Q6-B3-0-12-C

Tgt Ion:152 Resp: 107041
 Ion Ratio Lower Upper
 152 100
 150 153.5 123.8 185.6
 115 61.5 39.6 59.4#

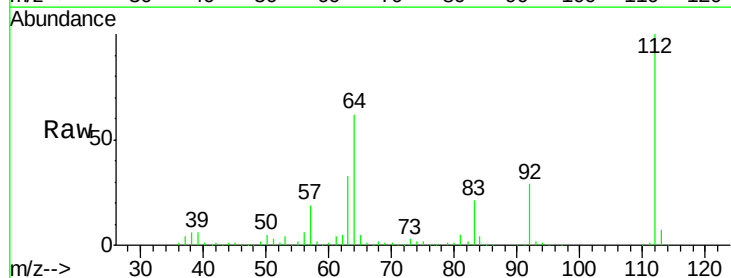


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

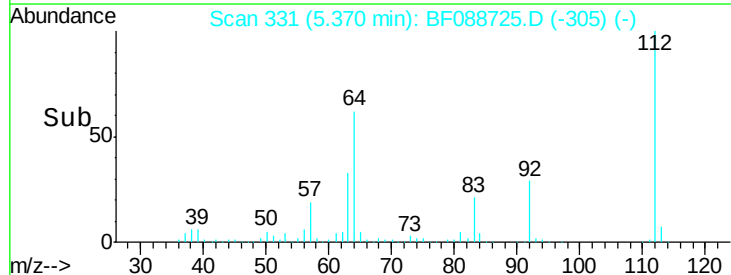
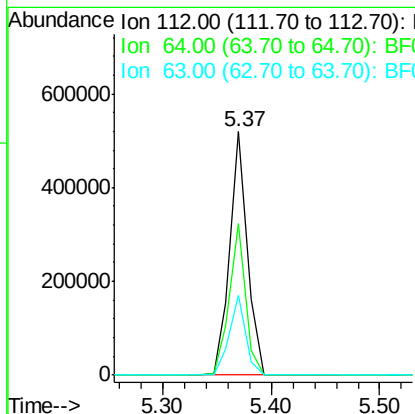


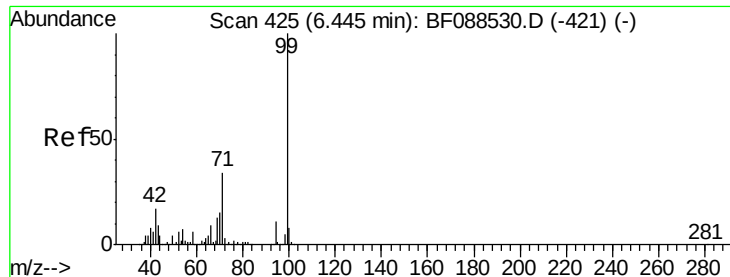
#5
 2-Fluorophenol
 Concen: 80.86 ng
 RT: 5.37 min Scan# 331
 Delta R.T. 0.00 min
 Lab File: BF088725.D
 Acq: 6 Jul 2016 2:04

Tgt Ion:112 Resp: 577528
 Ion Ratio Lower Upper
 112 100
 64 62.2 42.2 63.2
 63 33.0 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: 80.59 ng

RT: 6.41 min Scan# 422

Delta R.T. 0.00 min

Lab File: BF088725.D

Acq: 6 Jul 2016 2:04

Instrument :

BNA_F

ClientSampleId :

Q6-B3-0-12-C

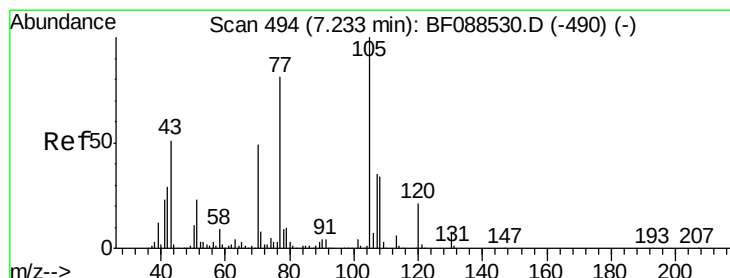
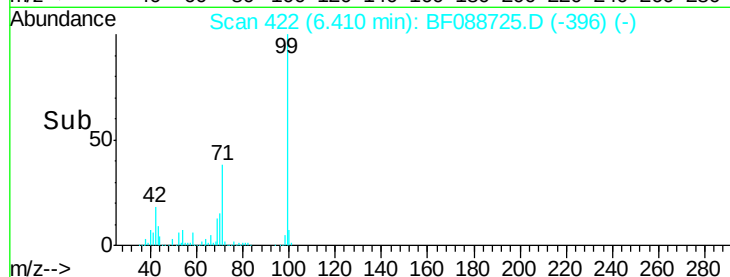
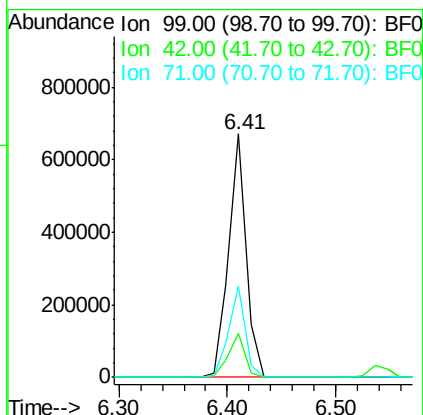
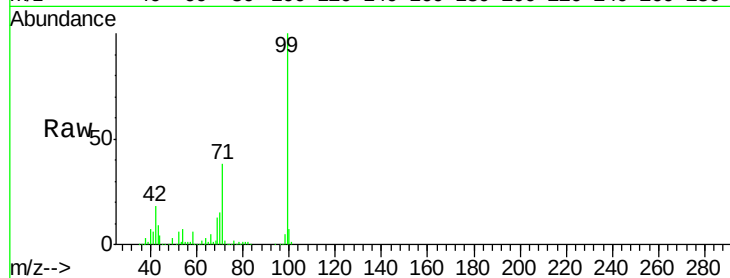
Tgt Ion: 99 Resp: 743731

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

71 37.6 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 10.14 ng

RT: 7.34 min Scan# 503

Delta R.T. 0.14 min

Lab File: BF088725.D

Acq: 6 Jul 2016 2:04

Tgt Ion: 70 Resp: 62884

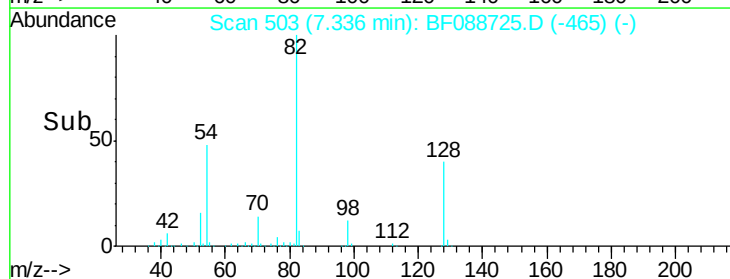
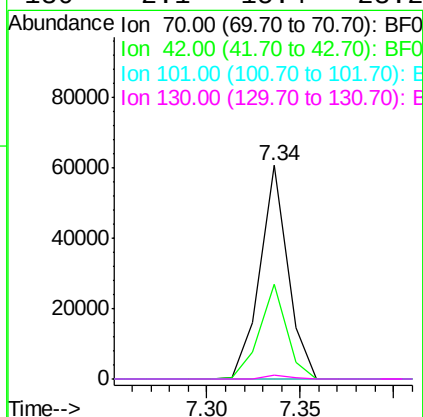
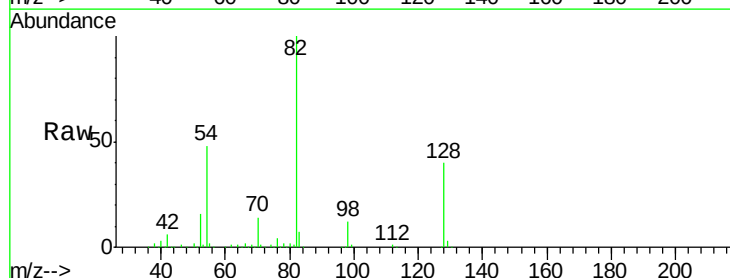
Ion Ratio Lower Upper

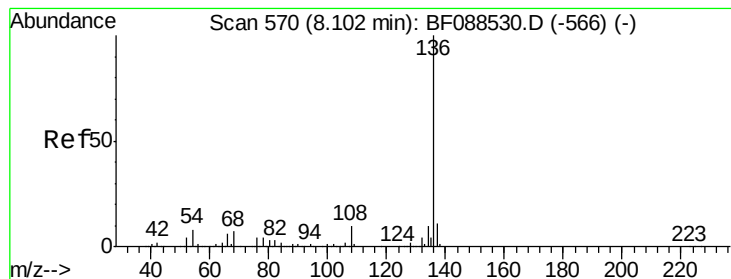
70 100

42 44.2 49.6 74.4#

101 0.0 7.1 10.7#

130 2.1 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 566

Delta R.T. -0.01 min

Lab File: BF088725.D

Acq: 6 Jul 2016 2:04

Instrument :

BNA_F

ClientSampleId :

Q6-B3-0-12-C

Tgt Ion: 136 Resp: 397231

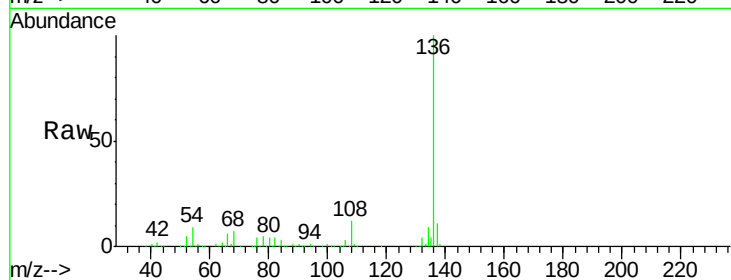
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.8 6.6 10.0

68 7.1 5.1 7.7

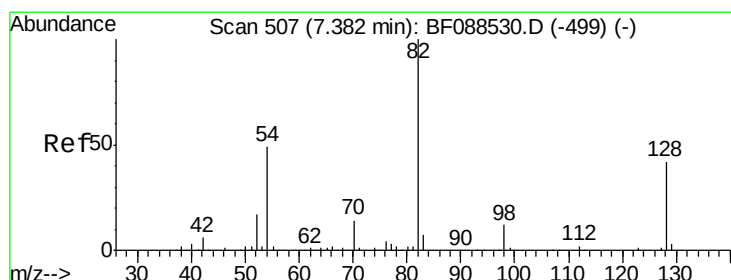
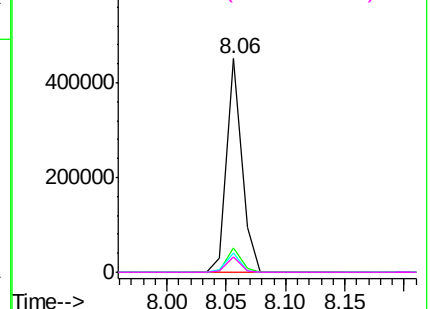
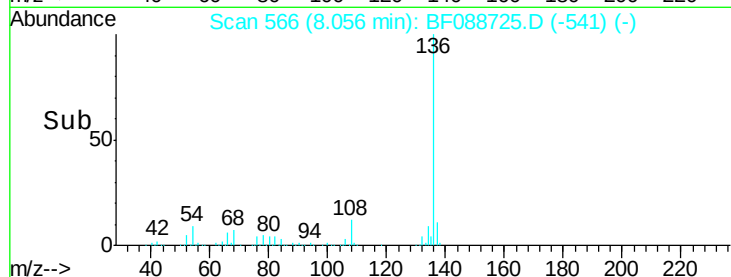


Abundance Ion 136.00 (135.70 to 136.70): E

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: 62.91 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.01 min

Lab File: BF088725.D

Acq: 6 Jul 2016 2:04

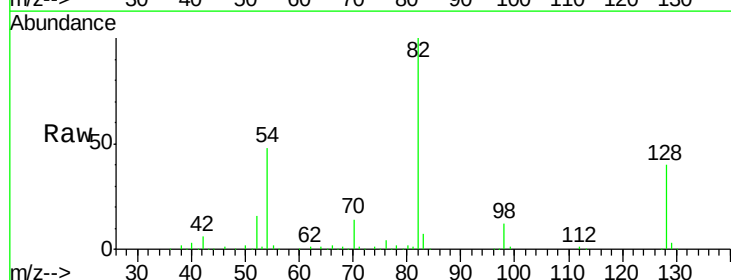
Tgt Ion: 82 Resp: 476864

Ion Ratio Lower Upper

82 100

128 39.9 35.9 53.9

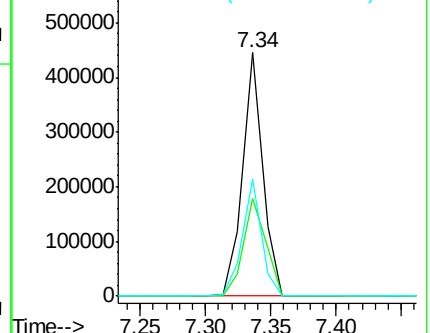
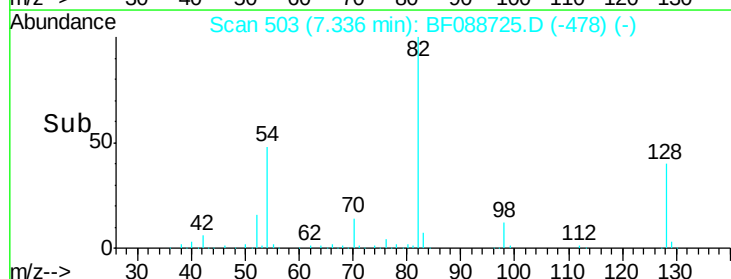
54 48.2 40.9 61.3

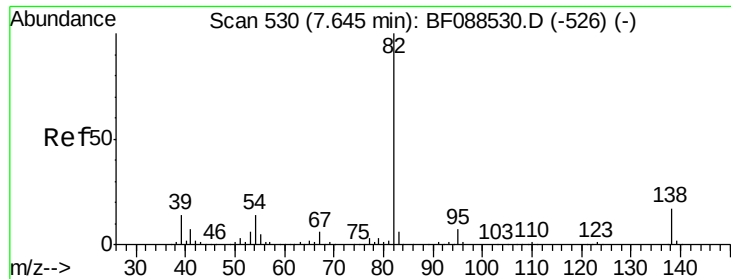


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 28.00 ng

RT: 7.34 min Scan# 503

Delta R.T. -0.27 min

Lab File: BF088725.D

Acq: 6 Jul 2016 2:04

Instrument :

BNA_F

ClientSampleId :

Q6-B3-0-12-C

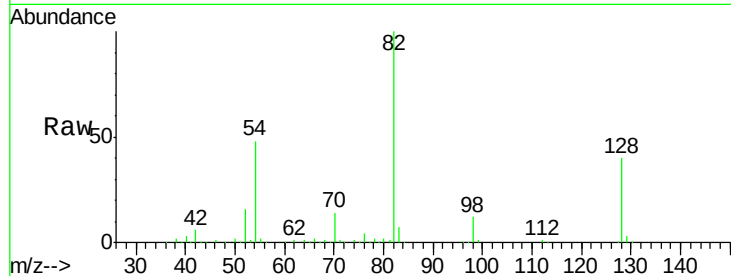
Tgt Ion: 82 Resp: 393197

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

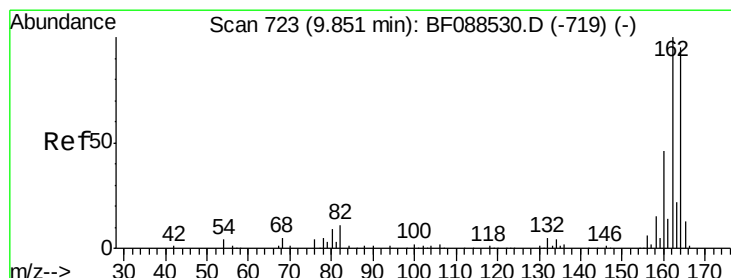
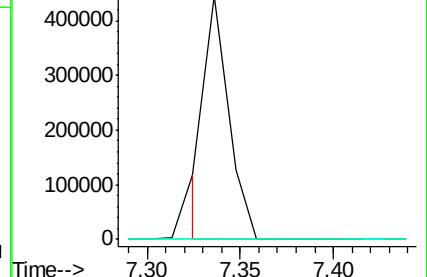
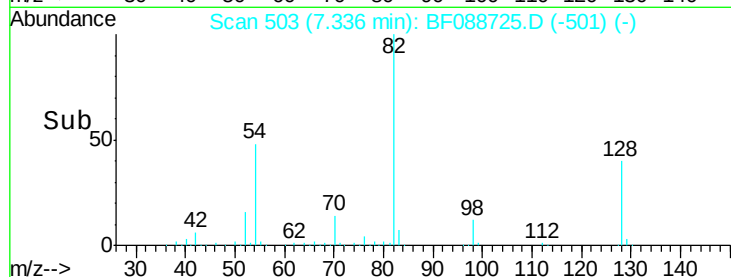
138 0.0 14.6 21.8#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 719

Delta R.T. -0.01 min

Lab File: BF088725.D

Acq: 6 Jul 2016 2:04

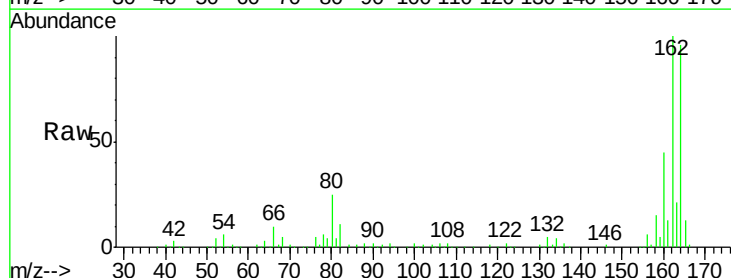
Tgt Ion: 164 Resp: 173537

Ion Ratio Lower Upper

164 100

162 104.5 85.4 128.2

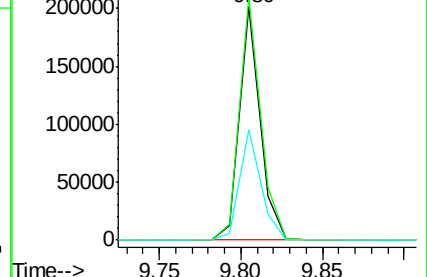
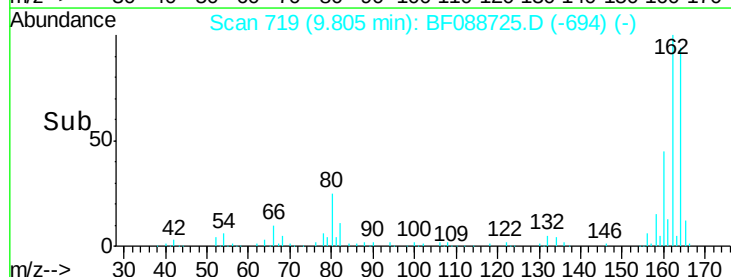
160 47.2 39.5 59.3

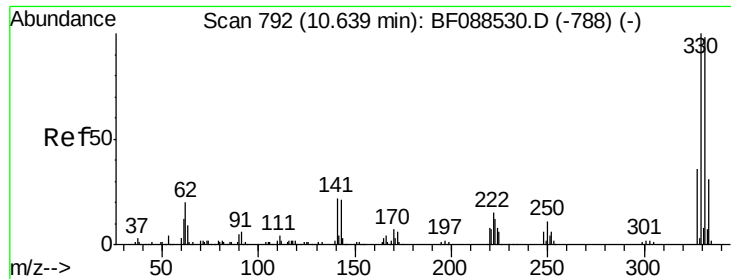


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

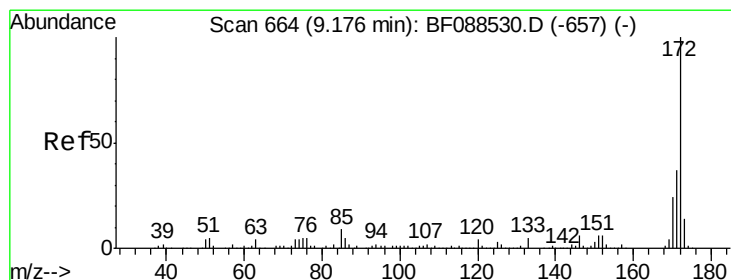
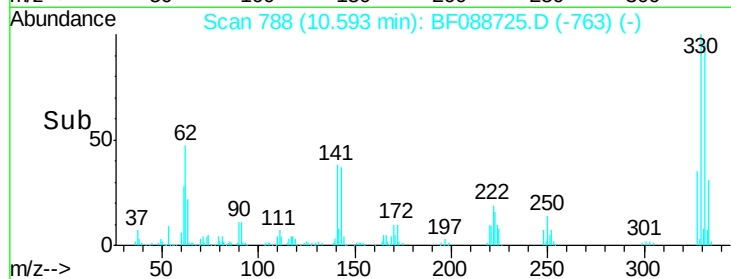
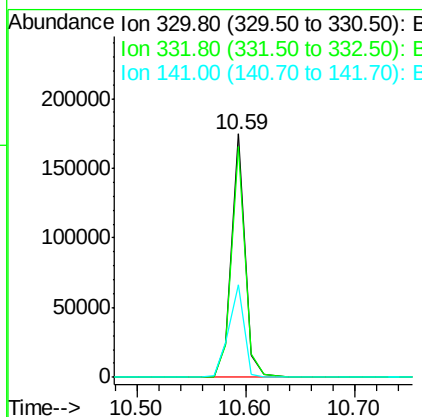
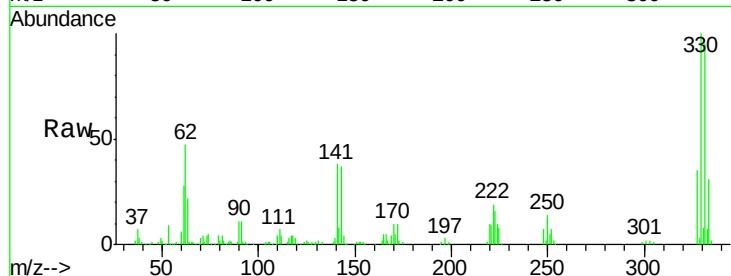




#41
 2,4,6-Tribromophenol
 Concen: 93.34 ng
 RT: 10.59 min Scan# 788
 Delta R.T. -0.01 min
 Lab File: BF088725.D
 Acq: 6 Jul 2016 2:04

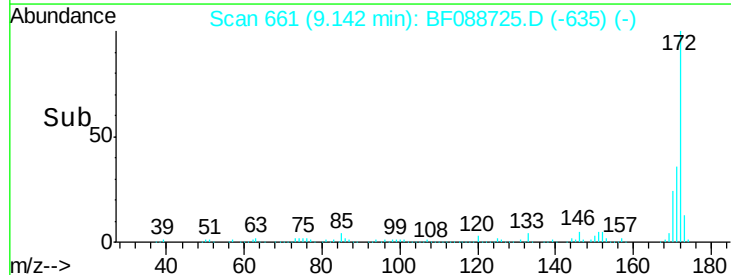
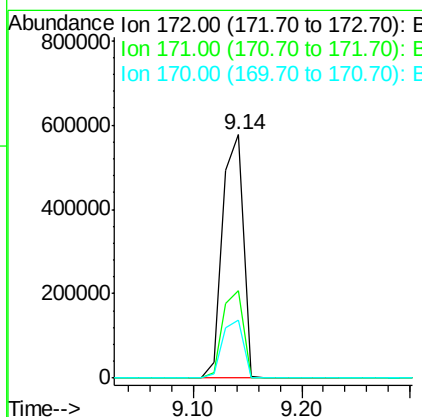
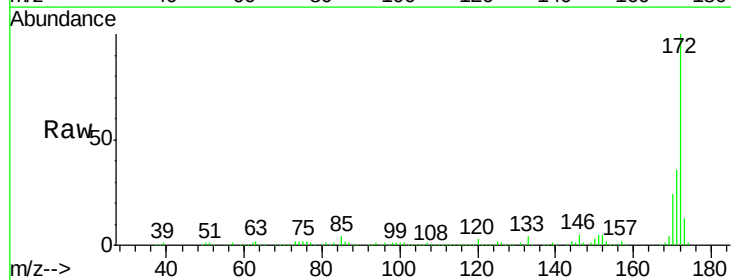
Instrument :
 BNA_F
 ClientSampleId :
 Q6-B3-0-12-C

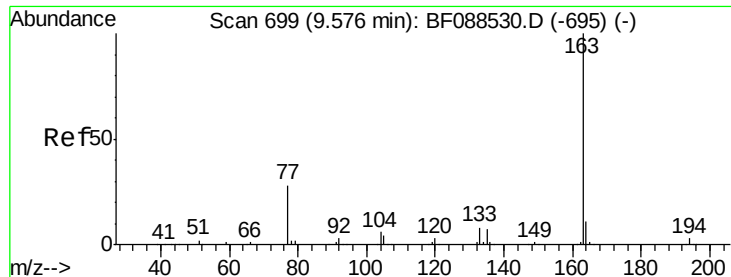
Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	43.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 69.86 ng
 RT: 9.14 min Scan# 661
 Delta R.T. 0.00 min
 Lab File: BF088725.D
 Acq: 6 Jul 2016 2:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	43.0
170	23.7	19.2	28.8

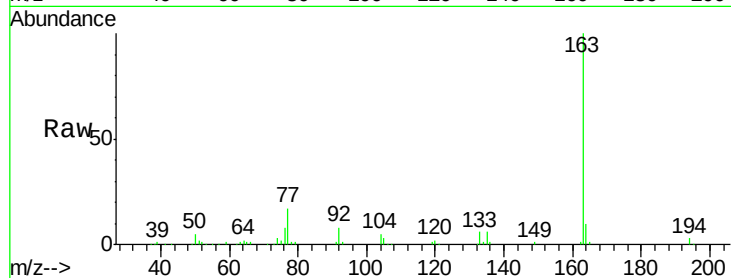




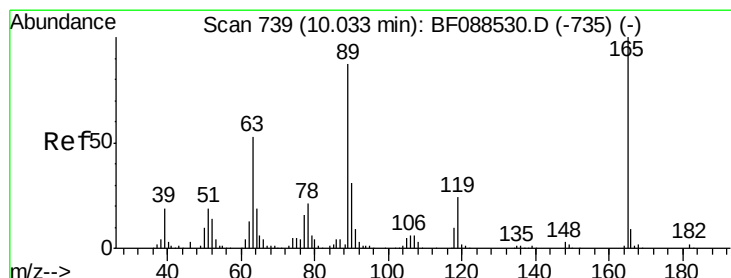
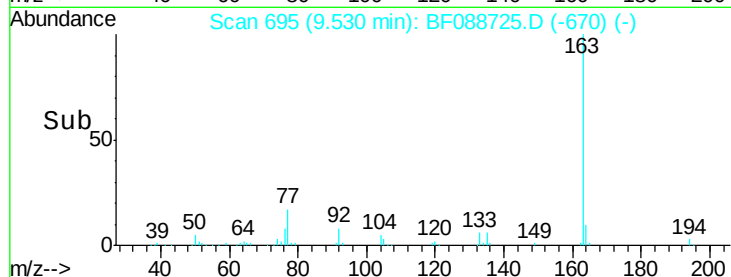
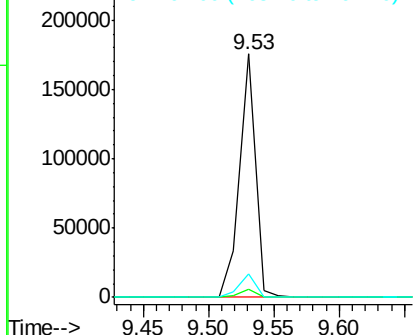
#49
Dimethylphthalate
Concen: 12.03 ng
RT: 9.53 min Scan# 695
Delta R.T. -0.01 min
Lab File: BF088725.D
Acq: 6 Jul 2016 2:04

Instrument :
BNA_F
ClientSampleId :
Q6-B3-0-12-C

Tgt Ion:163 Resp: 148740
Ion Ratio Lower Upper
163 100
194 3.5 2.8 4.2
164 9.7 8.3 12.5

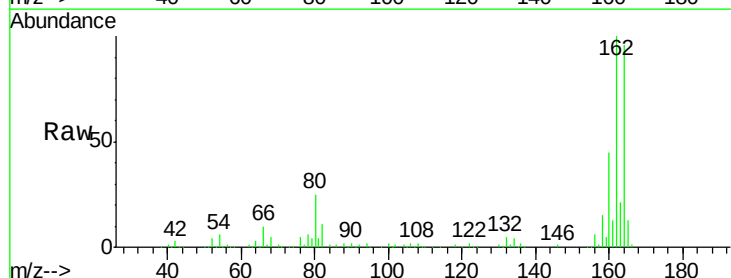


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

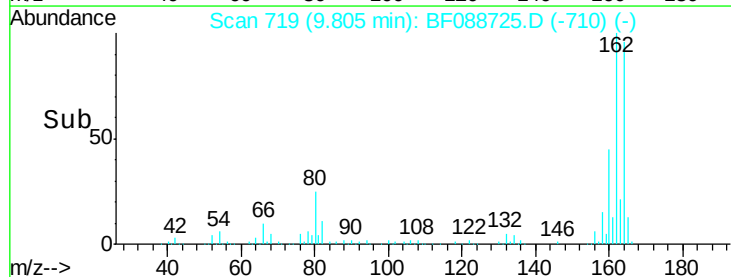
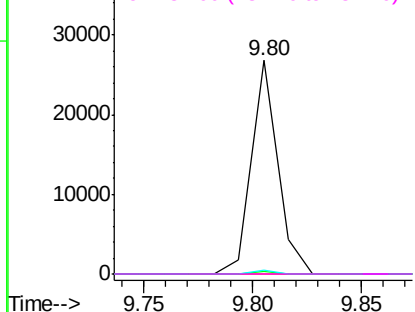


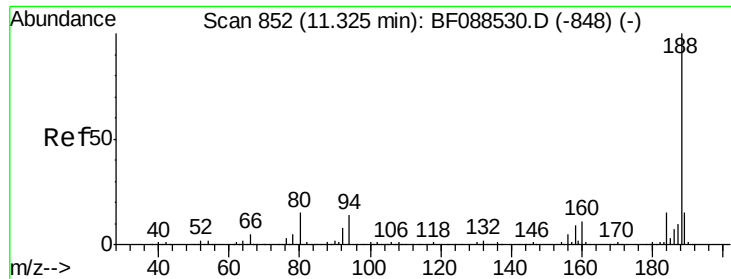
#56
2,4-Dinitrotoluene
Concen: 6.32 ng
RT: 9.80 min Scan# 719
Delta R.T. -0.19 min
Lab File: BF088725.D
Acq: 6 Jul 2016 2:04

Tgt Ion:165 Resp: 22649
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

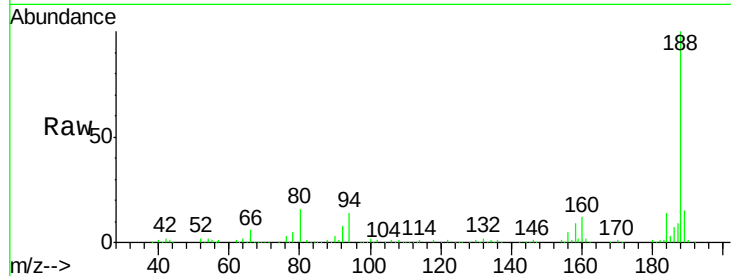




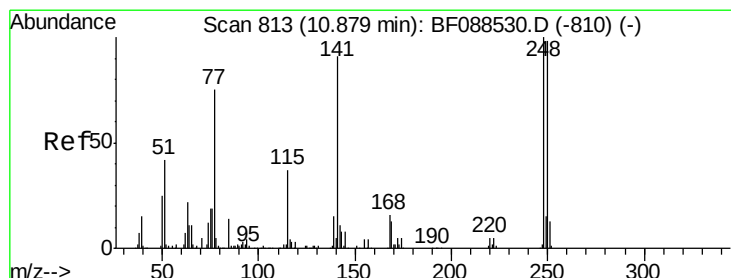
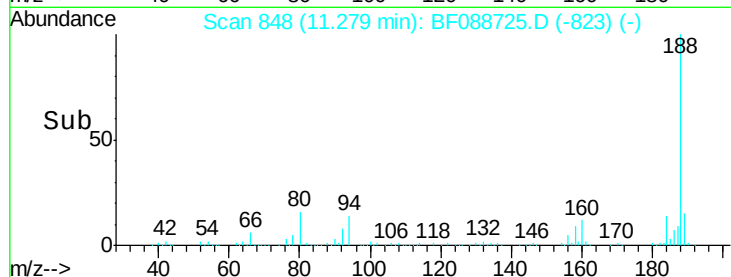
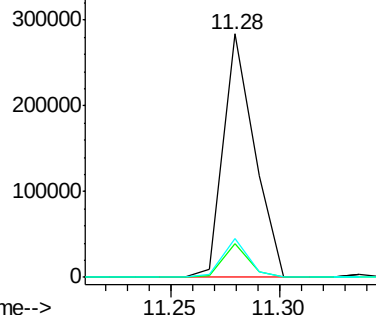
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 848
Delta R.T. -0.01 min
Lab File: BF088725.D
Acq: 6 Jul 2016 2:04

Instrument :
BNA_F
ClientSampleId :
Q6-B3-0-12-C

Tgt Ion:188 Resp: 283635
Ion Ratio Lower Upper
188 100
94 14.0 9.0 13.6#
80 15.7 10.0 15.0#

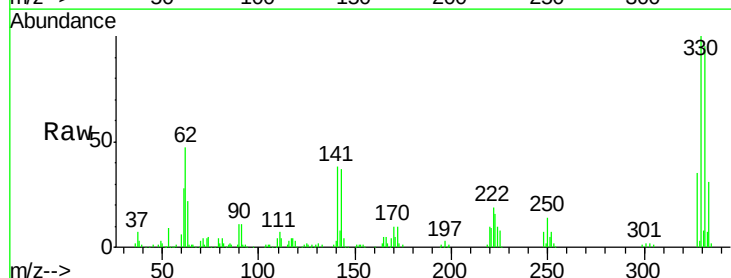


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

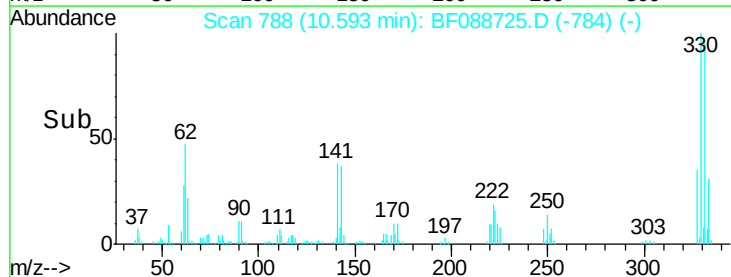
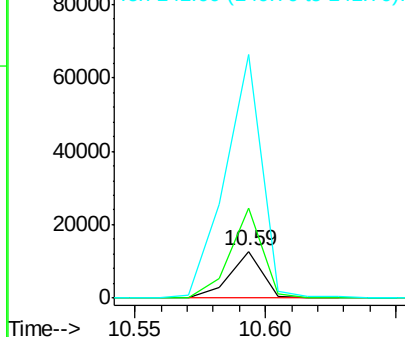


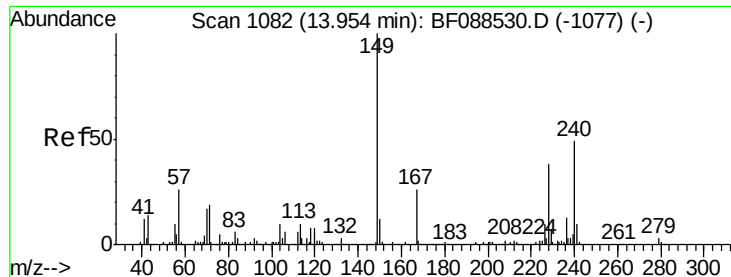
#66
4-Bromophenyl-phenylether
Concen: 3.87 ng
RT: 10.59 min Scan# 788
Delta R.T. -0.25 min
Lab File: BF088725.D
Acq: 6 Jul 2016 2:04

Tgt Ion:248 Resp: 11056
Ion Ratio Lower Upper
248 100
250 191.7 77.1 115.7#
141 517.1 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: 13.91 min Scan# 1078

Delta R.T. -0.01 min

Lab File: BF088725.D

Acq: 6 Jul 2016 2:04

Instrument :

BNA_F

ClientSampleId :

Q6-B3-0-12-C

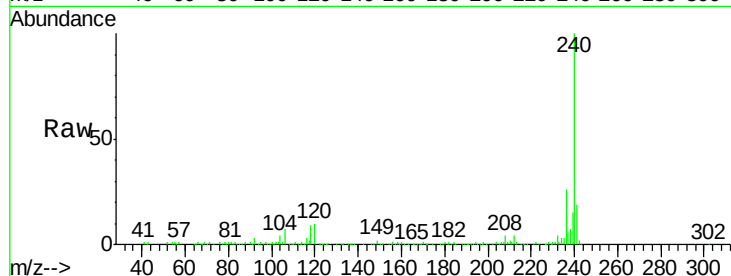
Tgt Ion:240 Resp: 203777

Ion Ratio Lower Upper

240 100

120 10.0 6.8 10.2

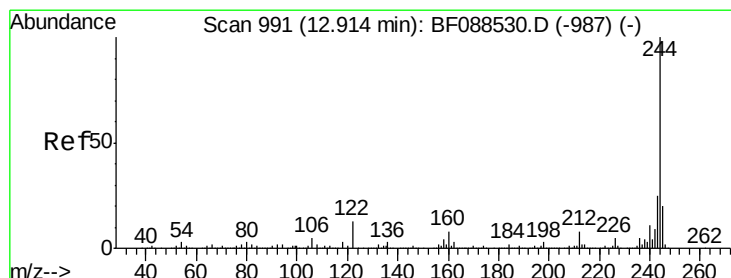
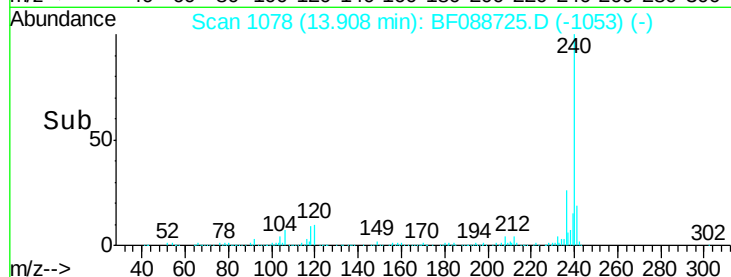
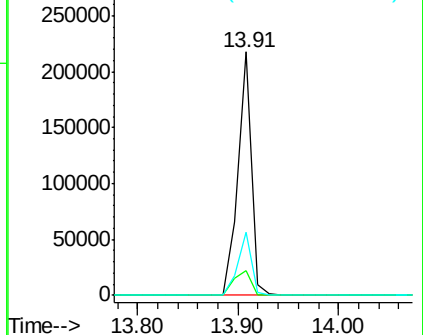
236 25.7 20.2 30.2



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: 57.61 ng

RT: 12.87 min Scan# 987

Delta R.T. 0.00 min

Lab File: BF088725.D

Acq: 6 Jul 2016 2:04

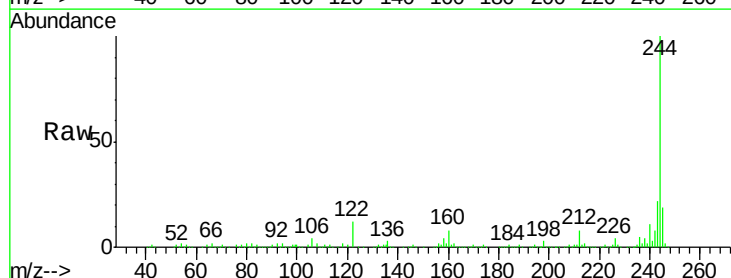
Tgt Ion:244 Resp: 527099

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

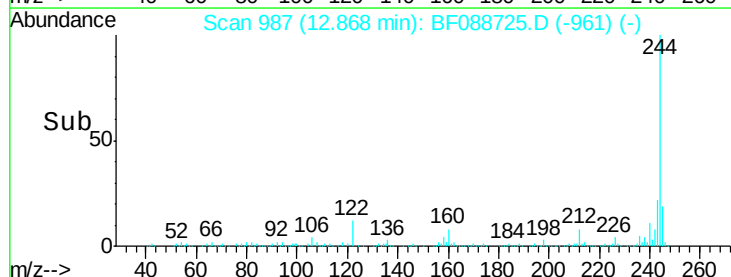
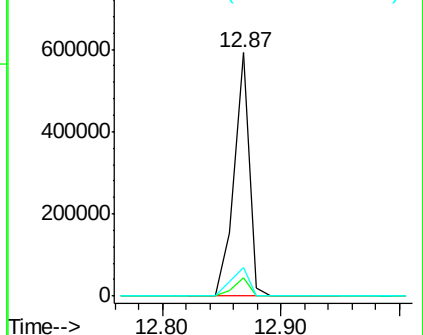
122 11.6 11.2 16.8

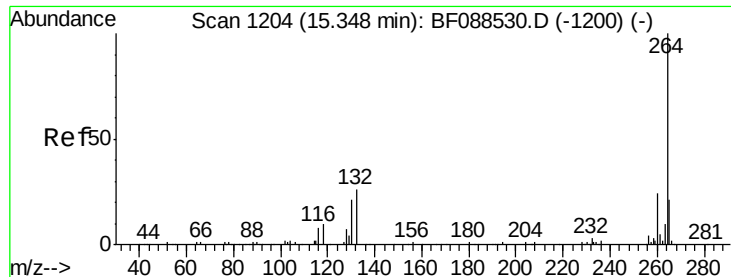


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

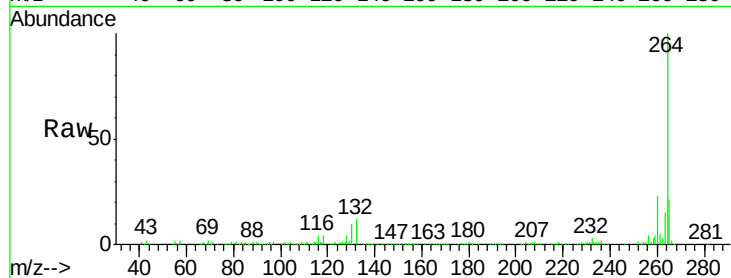




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BF088725.D
Acq: 6 Jul 2016 2:04

Instrument :
BNA_F
ClientSampleId :
Q6-B3-0-12-C

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	20.8	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

