

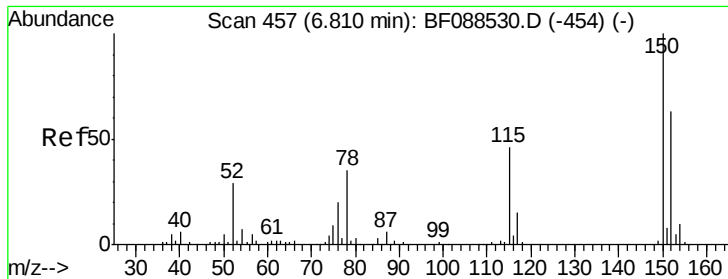
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070216\
 Data File : BF088633.D
 Acq On : 2 Jul 2016 22:59
 Operator : UM/SJ
 Sample : H3837-18
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-03

Quant Time: Jul 03 03:05:45 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	6.80	152	115737	20.00	ng	-0.01
21) Naphthalene-d8	8.08	136	470552	20.00	ng	-0.02
38) Acenaphthene-d10	9.83	164	186874	20.00	ng	-0.02
63) Phenanthrene-d10	11.31	188	296163	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	239767	20.00	ng	-0.02
86) Perylene-d12	15.34	264	214741	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	763491	98.87	ng	-0.01
7) Phenol-d6	6.43	99	1000217	100.24	ng	-0.01
23) Nitrobenzene-d5	7.36	82	636194	70.85	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	161831	93.26	ng	-0.02
44) 2-Fluorobiphenyl	9.15	172	959708	81.12	ng	-0.02
78) Terphenyl-d14	12.89	244	581513	54.02	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	87040	12.99	ng	# 72
25) Isophorone	7.36	82	464445	27.92	ng	# 65
49) Dimethylphthalate	9.55	163	218882	16.44	ng	99
56) 2,4-Dinitrotoluene	9.83	165	24095	6.25	ng	# 38
66) 4-Bromophenyl-phenylether	10.62	248	11626	3.90	ng	# 1

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 456

Delta R.T. -0.01 min

Lab File: BF088633.D

Acq: 2 Jul 2016 22:59

Instrument :

BNA_F

ClientSampled :

C1.2-03

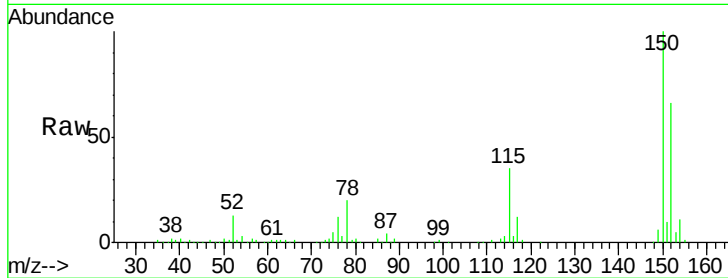
Tgt Ion:152 Resp: 115737

Ion Ratio Lower Upper

152 100

150 151.3 123.8 185.6

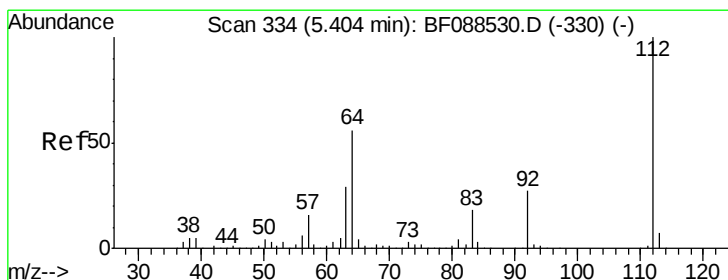
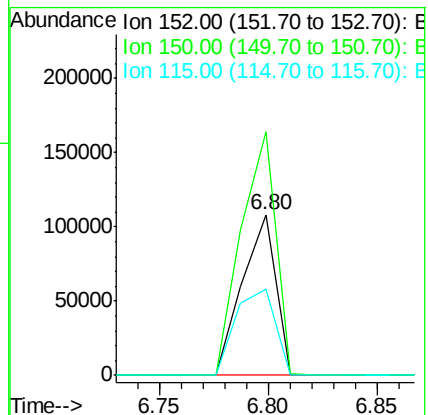
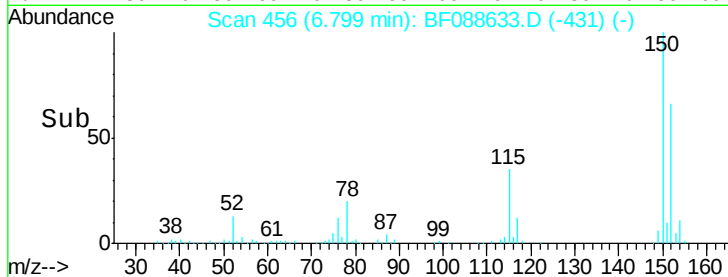
115 53.3 39.6 59.4



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: 98.87 ng

RT: 5.39 min Scan# 333

Delta R.T. -0.01 min

Lab File: BF088633.D

Acq: 2 Jul 2016 22:59

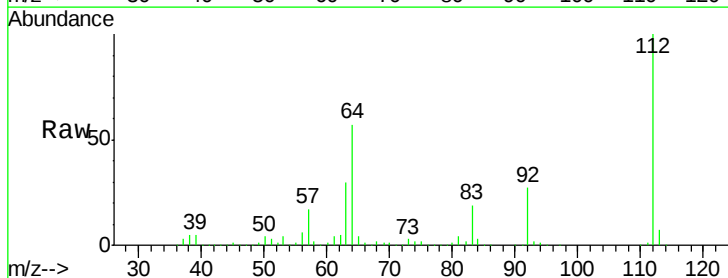
Tgt Ion:112 Resp: 763491

Ion Ratio Lower Upper

112 100

64 57.2 42.2 63.2

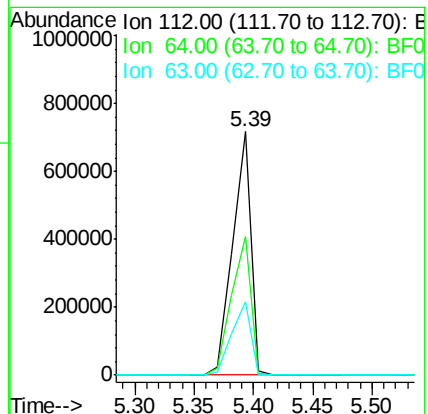
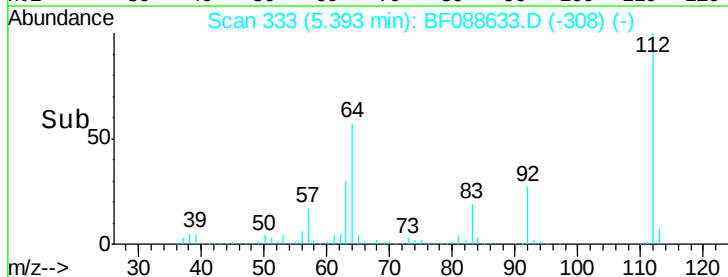
63 30.1 21.8 32.8



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: 100.24 ng

RT: 6.43 min Scan# 424

Delta R.T. -0.01 min

Lab File: BF088633.D

Acq: 2 Jul 2016 22:59

Instrument :

BNA_F

ClientSampleId :

C1.2-03

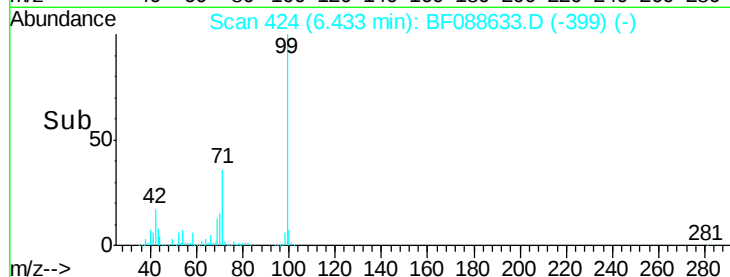
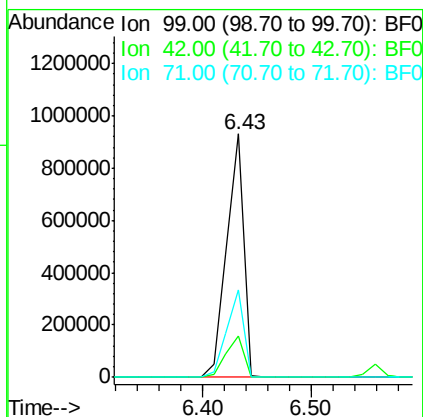
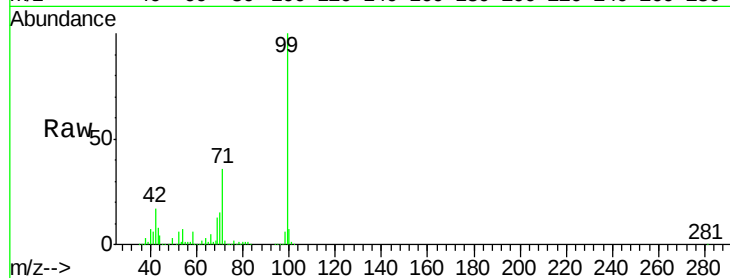
Tgt Ion: 99 Resp: 1000217

Ion Ratio Lower Upper

99 100

42 17.2 12.2 18.2

71 36.1 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 12.99 ng

RT: 7.36 min Scan# 505

Delta R.T. 0.13 min

Lab File: BF088633.D

Acq: 2 Jul 2016 22:59

Tgt Ion: 70 Resp: 87040

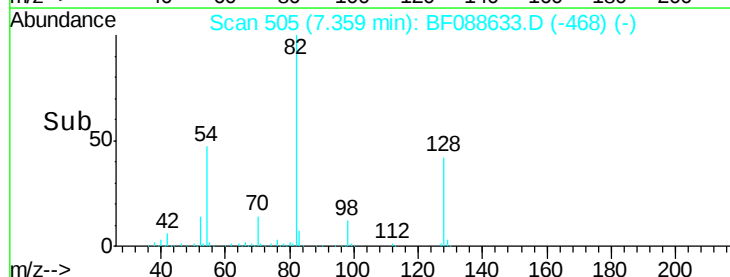
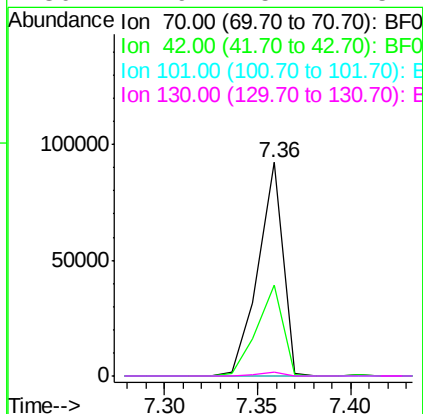
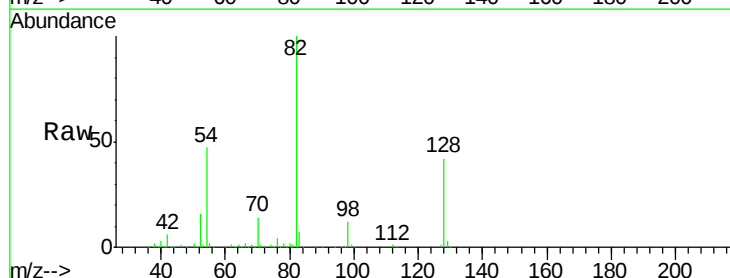
Ion Ratio Lower Upper

70 100

42 42.4 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: 8.08 min Scan# 568

Delta R.T. -0.02 min

Lab File: BF088633.D

Acq: 2 Jul 2016 22:59

Instrument :

BNA_F

ClientSampleId :

C1.2-03

Tgt Ion:136 Resp: 470552

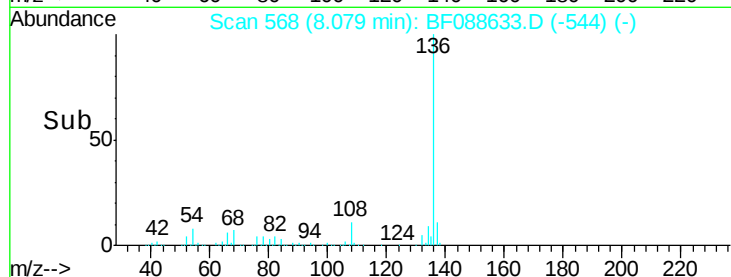
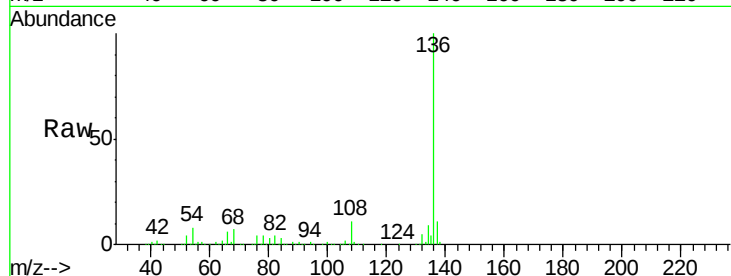
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 8.1 6.6 10.0

68 7.0 5.1 7.7

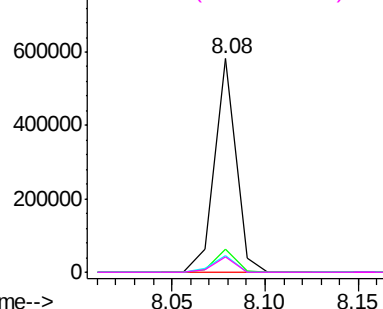


Abundance Ion 136.00 (135.70 to 136.70): E

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: 70.85 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.02 min

Lab File: BF088633.D

Acq: 2 Jul 2016 22:59

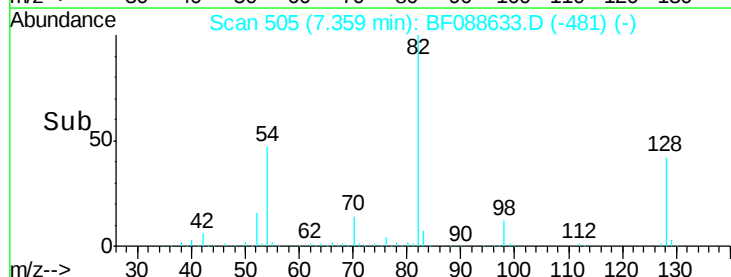
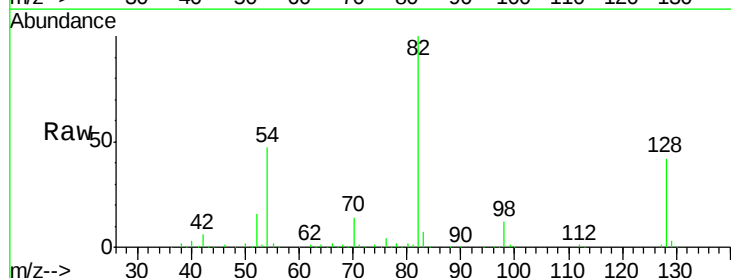
Tgt Ion: 82 Resp: 636194

Ion Ratio Lower Upper

82 100

128 42.0 35.9 53.9

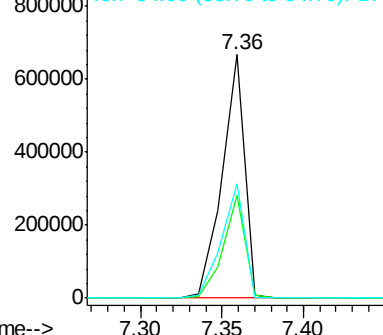
54 47.1 40.9 61.3

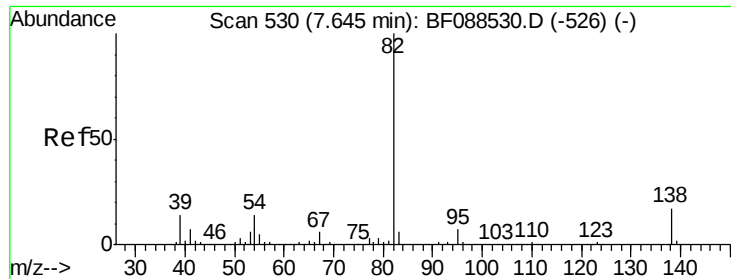


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 27.92 ng

RT: 7.36 min Scan# 505

Delta R.T. -0.29 min

Lab File: BF088633.D

Acq: 2 Jul 2016 22:59

Instrument :

BNA_F

ClientSampled :

C1.2-03

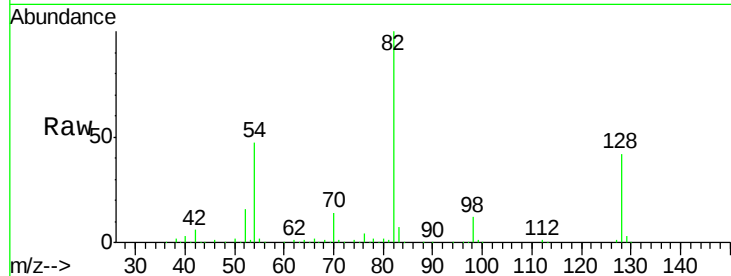
Tgt Ion: 82 Resp: 464445

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

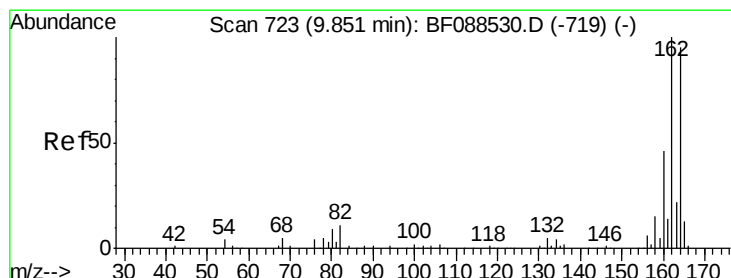
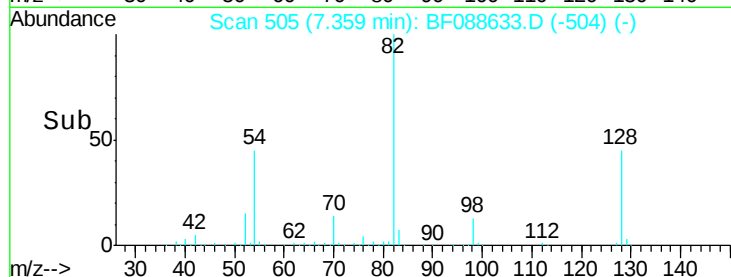
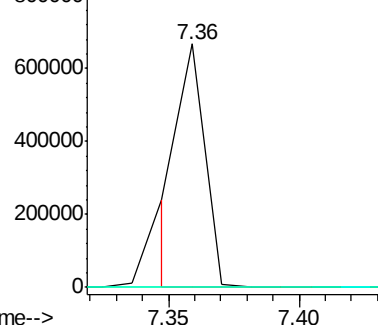
138 0.0 14.6 21.8#



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: 9.83 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF088633.D

Acq: 2 Jul 2016 22:59

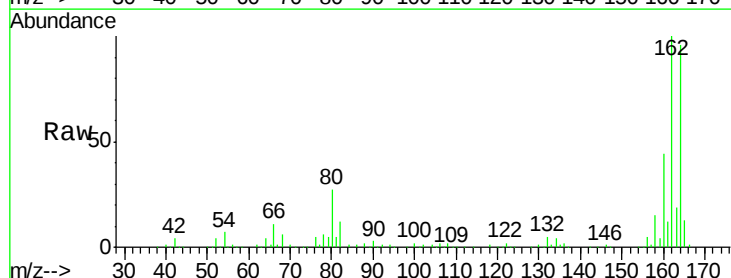
Tgt Ion: 164 Resp: 186874

Ion Ratio Lower Upper

164 100

162 104.2 85.4 128.2

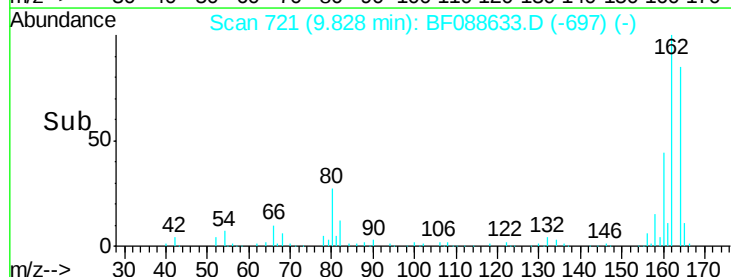
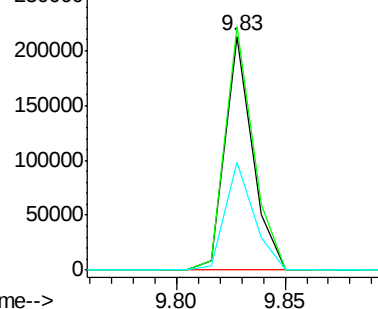
160 46.0 39.5 59.3

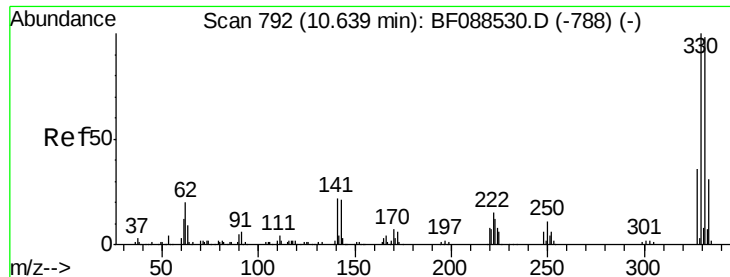


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

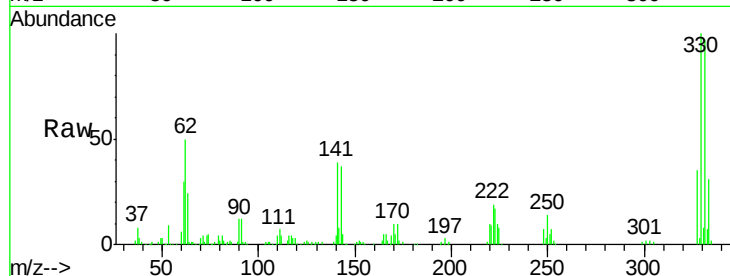




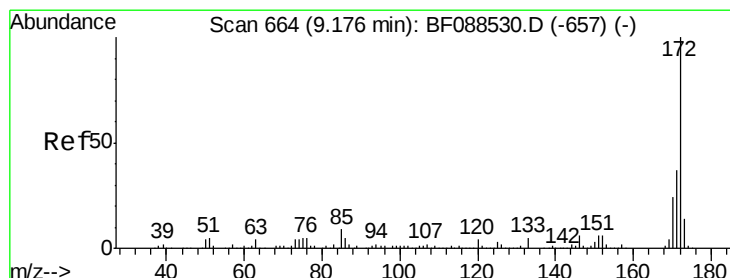
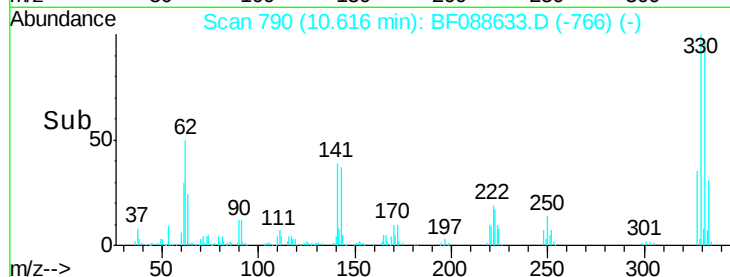
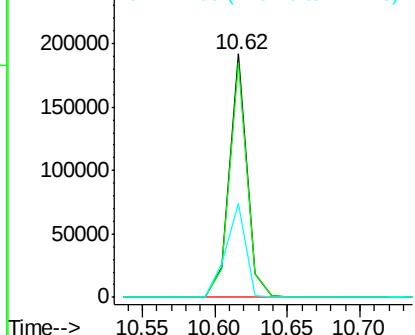
#41
 2,4,6-Tribromophenol
 Concen: 93.26 ng
 RT: 10.62 min Scan# 790
 Delta R.T. -0.02 min
 Lab File: BF088633.D
 Acq: 2 Jul 2016 22:59

Instrument :
 BNA_F
 ClientSampleId :
 C1.2-03

Tgt Ion:330 Resp: 161831
 Ion Ratio Lower Upper
 330 100
 332 96.6 0.0 0.0#
 141 43.6 0.0 0.0#

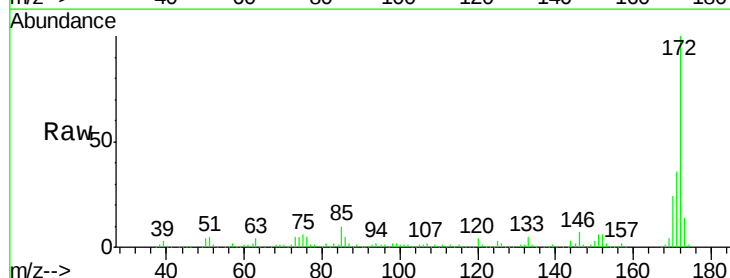


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

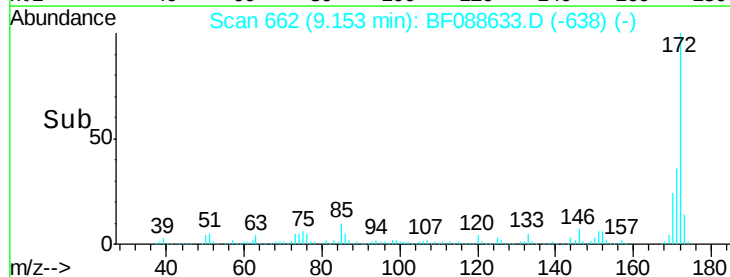
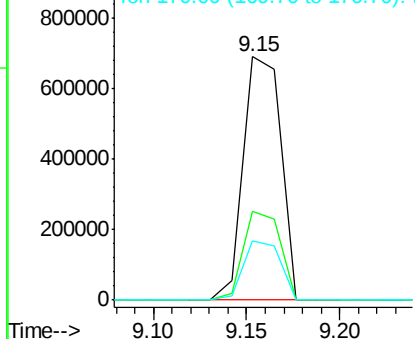


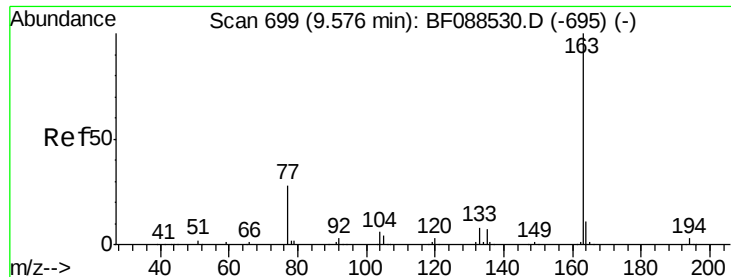
#44
 2-Fluorobiphenyl
 Concen: 81.12 ng
 RT: 9.15 min Scan# 662
 Delta R.T. -0.02 min
 Lab File: BF088633.D
 Acq: 2 Jul 2016 22:59

Tgt Ion:172 Resp: 959708
 Ion Ratio Lower Upper
 172 100
 171 36.3 28.6 43.0
 170 24.3 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: 16.44 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF088633.D

Acq: 2 Jul 2016 22:59

Instrument :

BNA_F

ClientSampleId :

C1.2-03

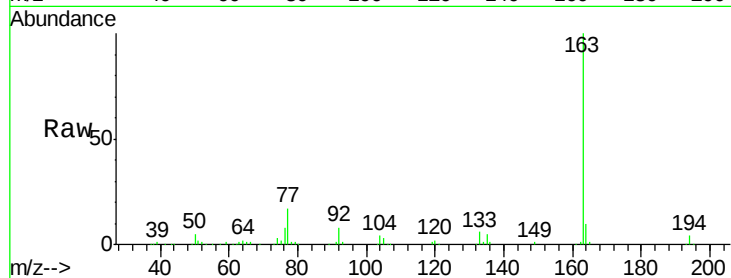
Tgt Ion:163 Resp: 218882

Ion Ratio Lower Upper

163 100

194 3.6 2.8 4.2

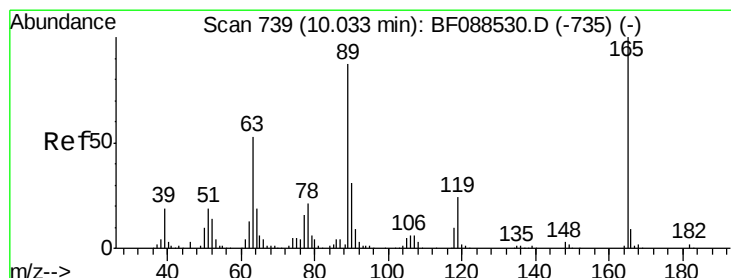
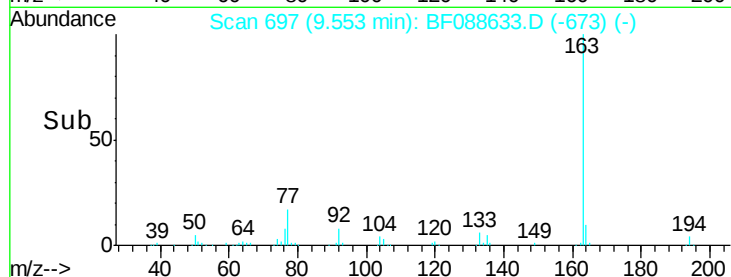
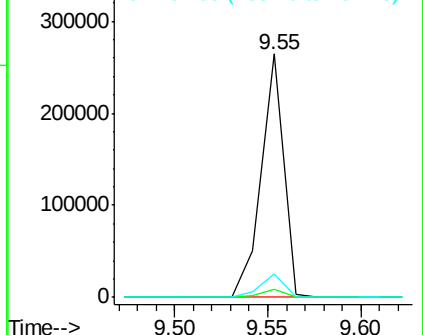
164 9.7 8.3 12.5



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: 6.25 ng

RT: 9.83 min Scan# 721

Delta R.T. -0.21 min

Lab File: BF088633.D

Acq: 2 Jul 2016 22:59

Tgt Ion:165 Resp: 24095

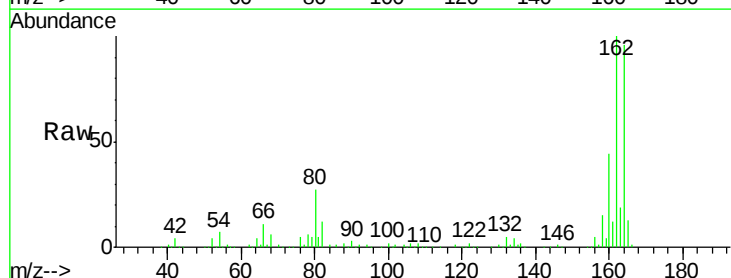
Ion Ratio Lower Upper

165 100

63 1.3 22.0 33.0#

89 1.8 41.1 61.7#

182 0.0 2.0 3.0#

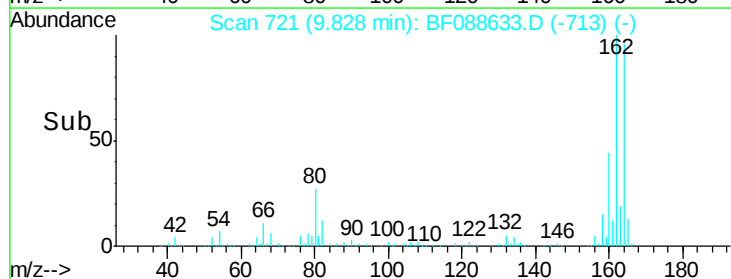
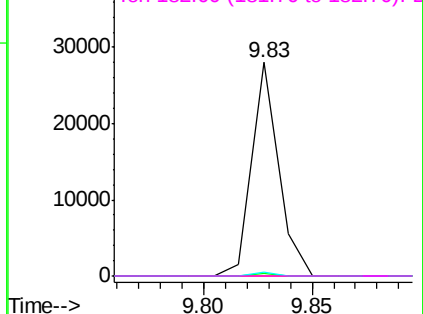


Abundance Ion 165.00 (164.70 to 165.70): E

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

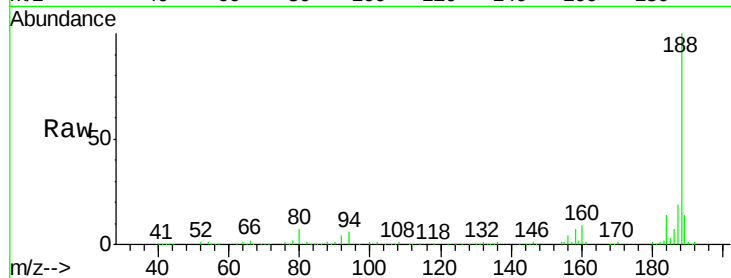




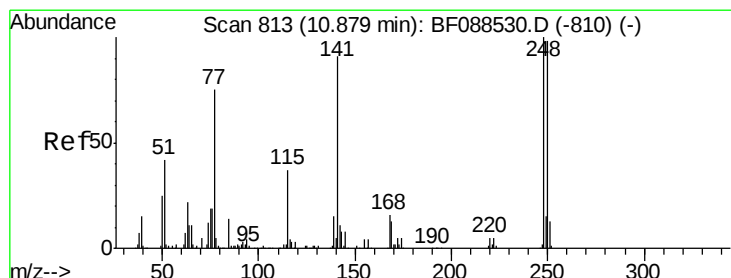
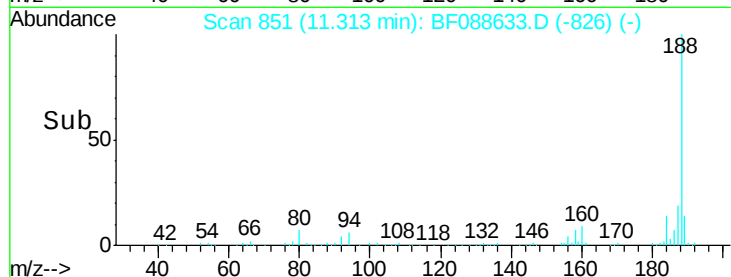
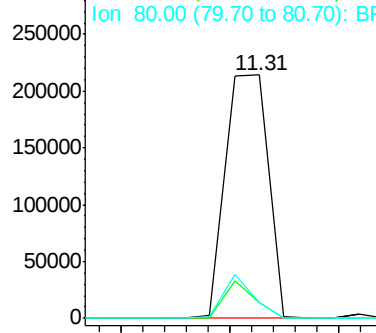
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF088633.D
Acq: 2 Jul 2016 22:59

Instrument :
BNA_F
ClientSampled :
C1.2-03

Tgt Ion:188 Resp: 296163
Ion Ratio Lower Upper
188 100
94 6.3 9.0 13.6#
80 6.6 10.0 15.0#

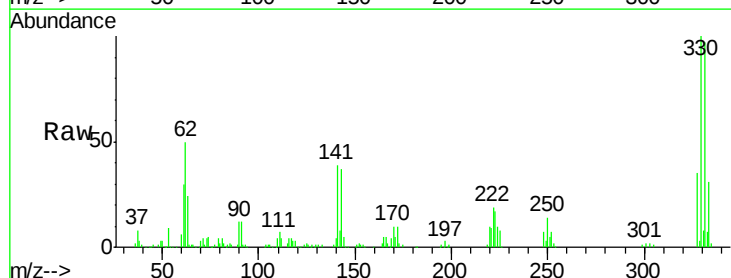


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

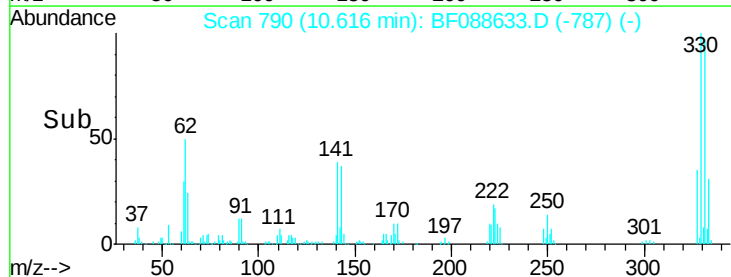
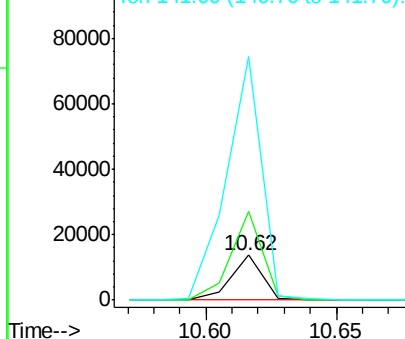


#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.62 min Scan# 790
Delta R.T. -0.26 min
Lab File: BF088633.D
Acq: 2 Jul 2016 22:59

Tgt Ion:248 Resp: 11626
Ion Ratio Lower Upper
248 100
250 198.1 77.1 115.7#
141 541.7 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: 13.93 min Scan# 1080

Delta R.T. -0.02 min

Lab File: BF088633.D

Acq: 2 Jul 2016 22:59

Instrument :

BNA_F

ClientSampleId :

C1.2-03

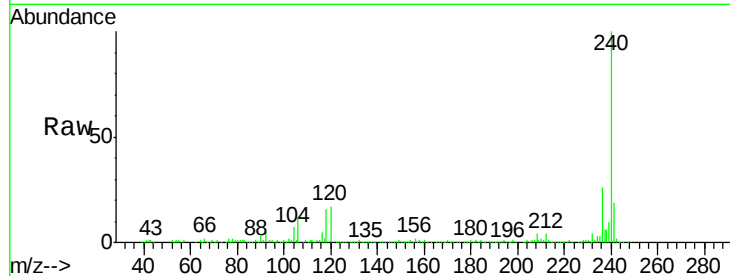
Tgt Ion:240 Resp: 239767

Ion Ratio Lower Upper

240 100

120 16.6 6.8 10.2#

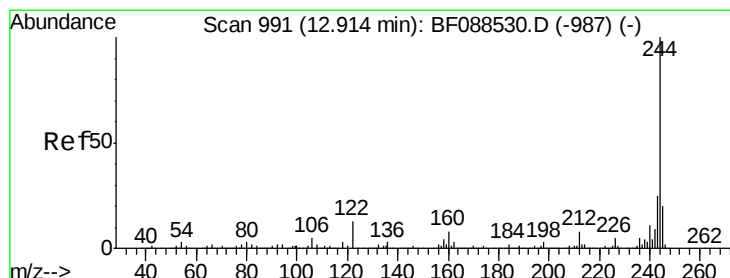
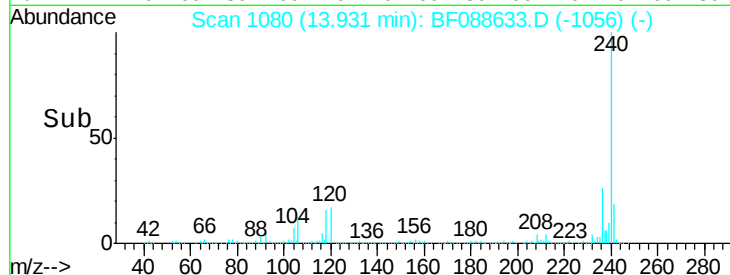
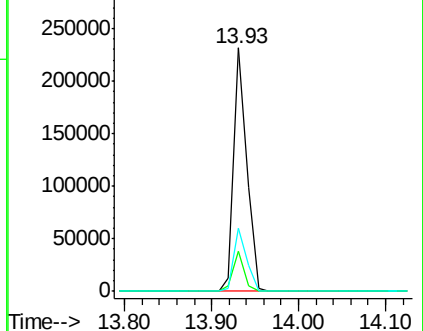
236 26.0 20.2 30.2



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: 54.02 ng

RT: 12.89 min Scan# 989

Delta R.T. -0.02 min

Lab File: BF088633.D

Acq: 2 Jul 2016 22:59

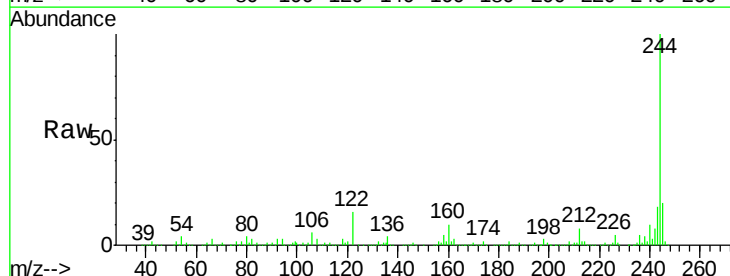
Tgt Ion:244 Resp: 581513

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

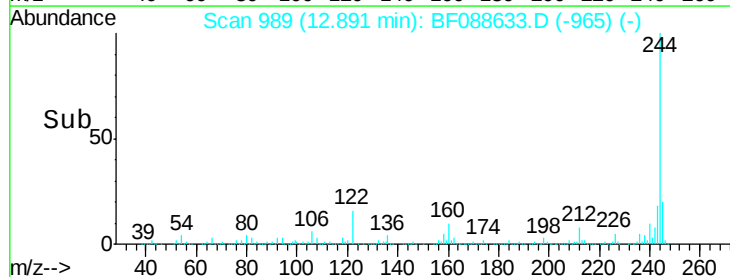
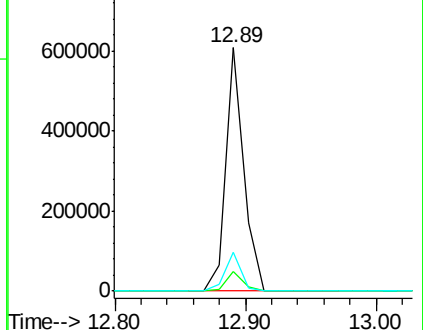
122 15.9 11.2 16.8

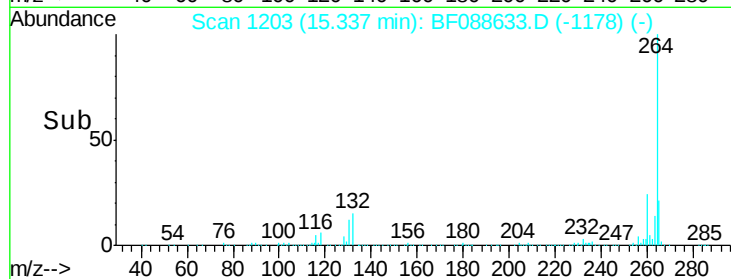
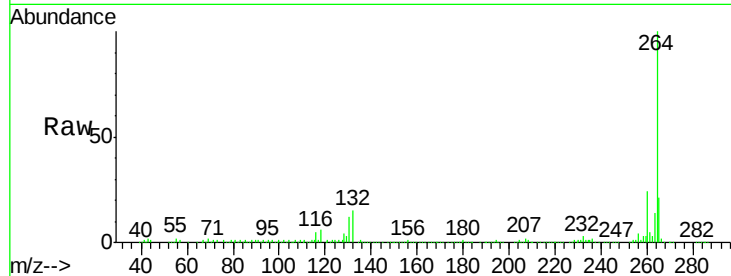
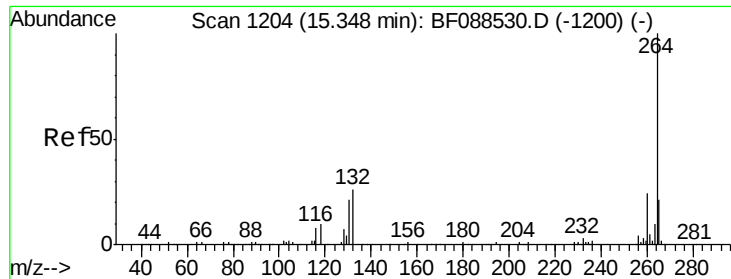


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.34 min Scan# 1203

Delta R.T. -0.01 min

Lab File: BF088633.D

Acq: 2 Jul 2016 22:59

Instrument :

BNA_F

ClientSampleId :

C1.2-03

Tgt Ion: 264 Resp: 214741

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 21.3 16.9 25.3

