

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
 Data File : BF088963.D
 Acq On : 13 Jul 2016 17:42
 Operator : UM/SJ
 Sample : HH3980-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C4.1-08

Quant Time: Jul 14 01:14:13 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

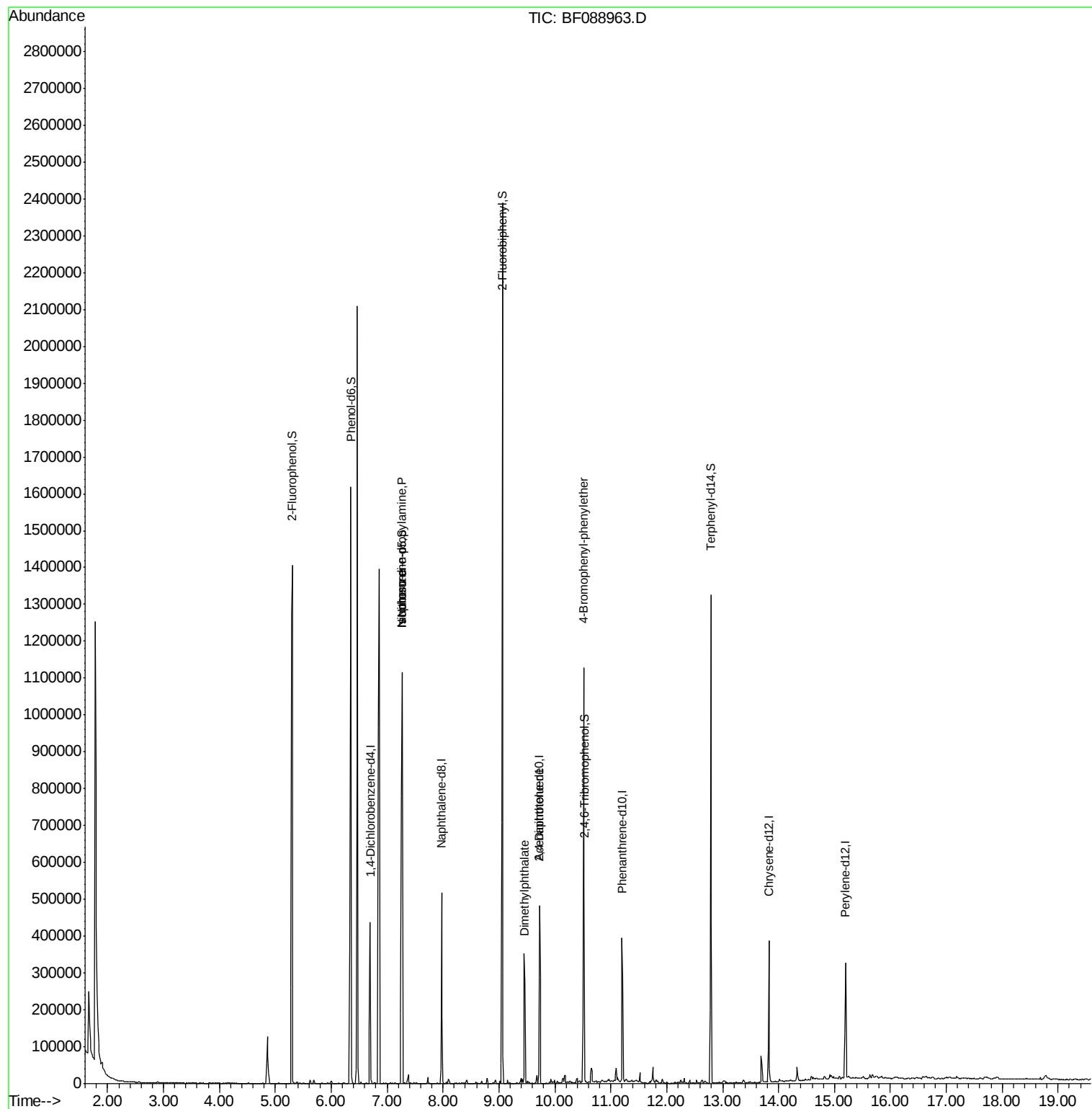
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	66444	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	246654	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	111327	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	186577	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	116576	20.00	ng	-0.02
86) Perylene-d12	15.20	264	126600	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	591311	133.38	ng	0.01
7) Phenol-d6	6.35	99	808063	141.06	ng	0.00
23) Nitrobenzene-d5	7.27	82	509774	108.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	163251	157.92	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	706057	100.18	ng	-0.01
78) Terphenyl-d14	12.79	244	426167	81.42	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	69236	17.99	ng	# 68
25) Isophorone	7.27	82	463057	53.11	ng	# 65
49) Dimethylphthalate	9.46	163	201623	25.42	ng	98
56) 2,4-Dinitrotoluene	9.72	165	14658	6.38	ng	# 36
66) 4-Bromophenyl-phenylether	10.51	248	10253	5.45	ng	# 1

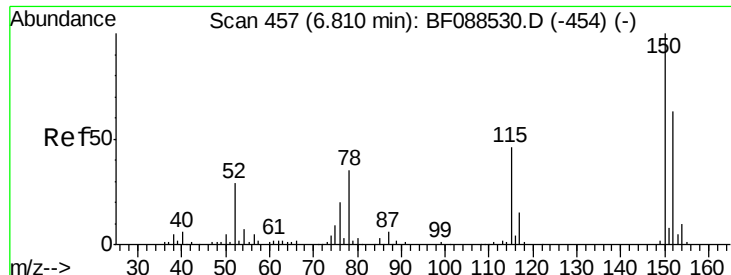
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.70 min Scan# 447

Delta R.T. -0.01 min

Lab File: BF088963.D

Acq: 13 Jul 2016 17:42

Instrument :

BNA_F

ClientSampleId :

C4.1-08

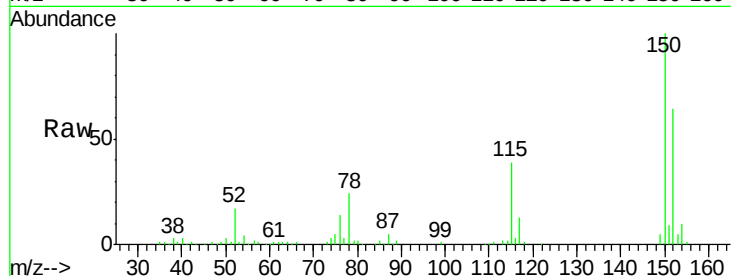
Tgt Ion:152 Resp: 66444

Ion Ratio Lower Upper

152 100

150 156.2 123.8 185.6

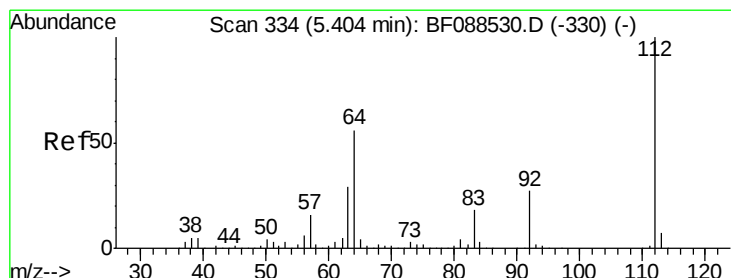
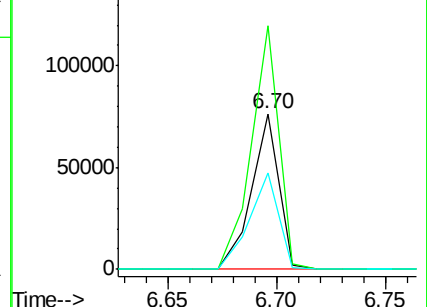
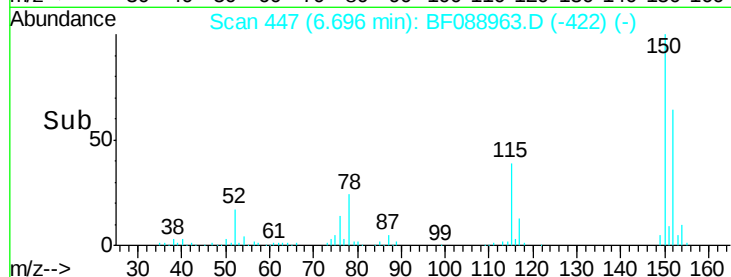
115 61.6 39.6 59.4#



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: 133.38 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088963.D

Acq: 13 Jul 2016 17:42

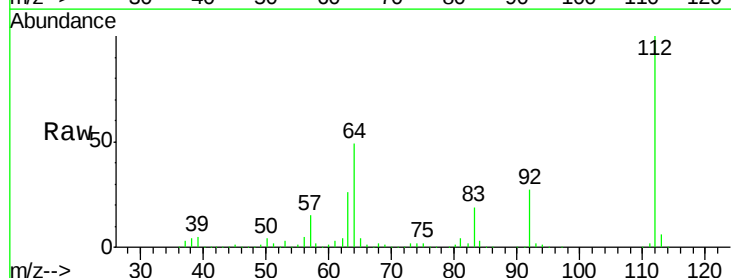
Tgt Ion:112 Resp: 591311

Ion Ratio Lower Upper

112 100

64 49.3 42.2 63.2

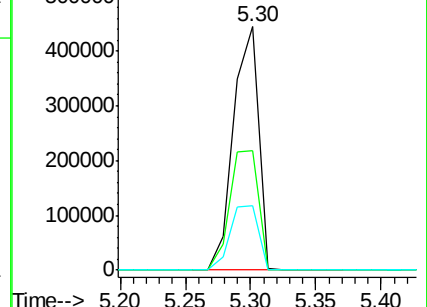
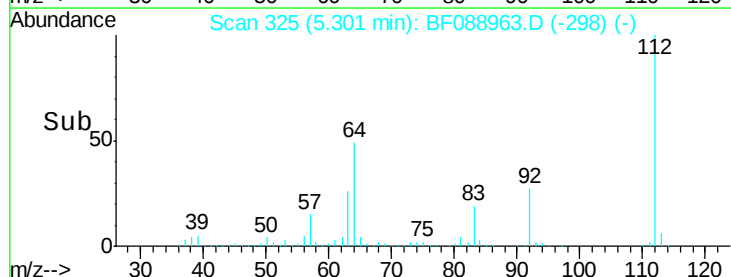
63 26.3 21.8 32.8

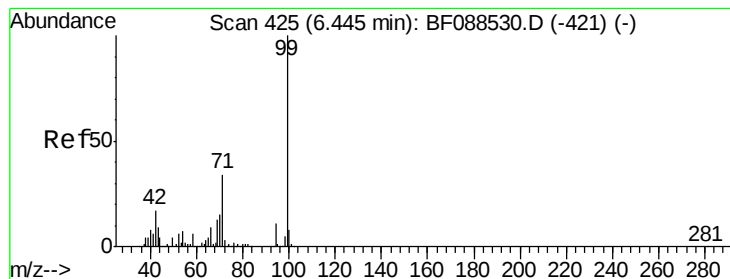


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 141.06 ng

RT: 6.35 min Scan# 417

Delta R.T. -0.00 min

Lab File: BF088963.D

Acq: 13 Jul 2016 17:42

Instrument :

BNA_F

ClientSampleId :

C4.1-08

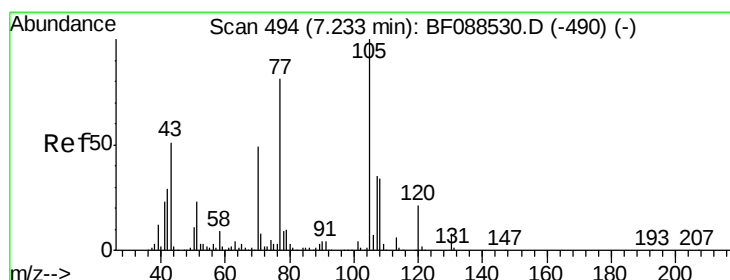
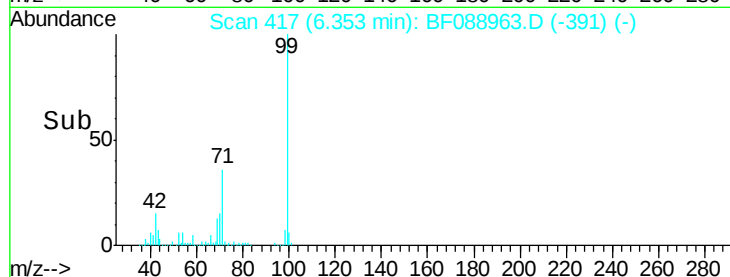
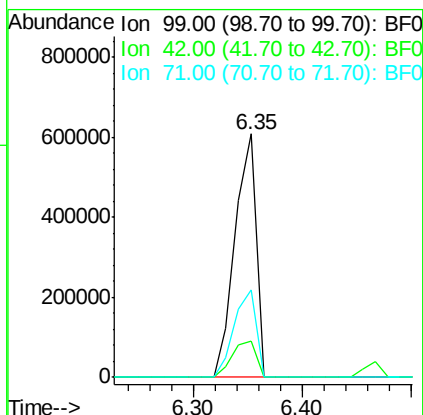
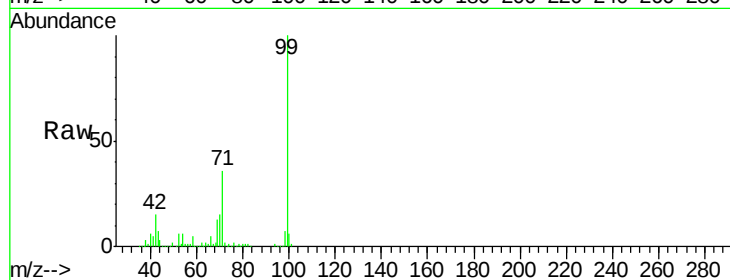
Tgt Ion: 99 Resp: 808063

Ion Ratio Lower Upper

99 100

42 15.0 12.2 18.2

71 35.7 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 17.99 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.13 min

Lab File: BF088963.D

Acq: 13 Jul 2016 17:42

Tgt Ion: 70 Resp: 69236

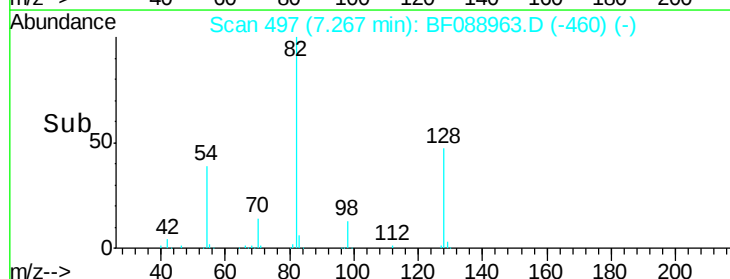
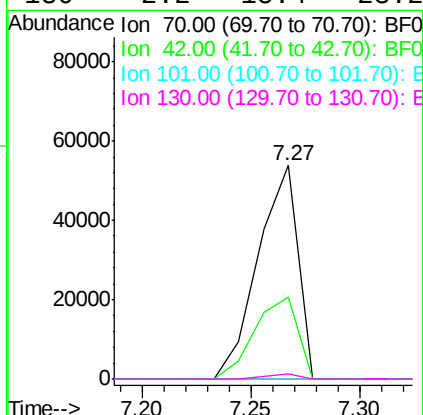
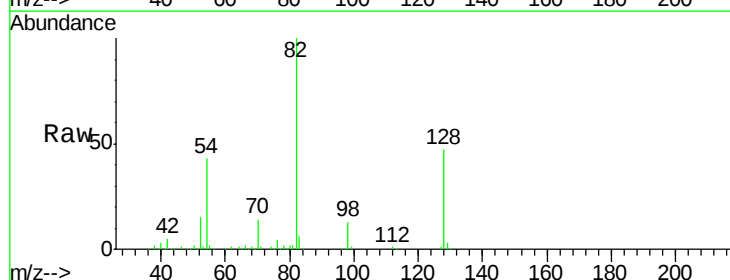
Ion Ratio Lower Upper

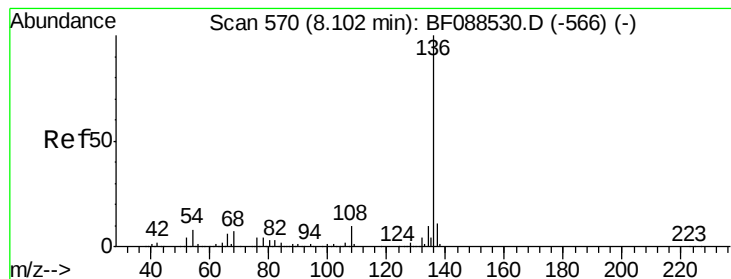
70 100

42 38.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF088963.D

Acq: 13 Jul 2016 17:42

Instrument :

BNA_F

ClientSampleId :

C4.1-08

Tgt Ion: 136 Resp: 246654

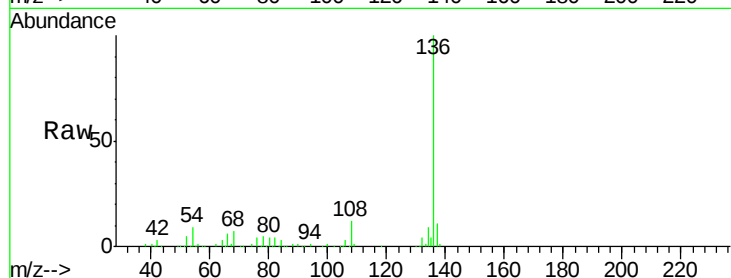
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 8.8 6.6 10.0

68 6.5 5.1 7.7

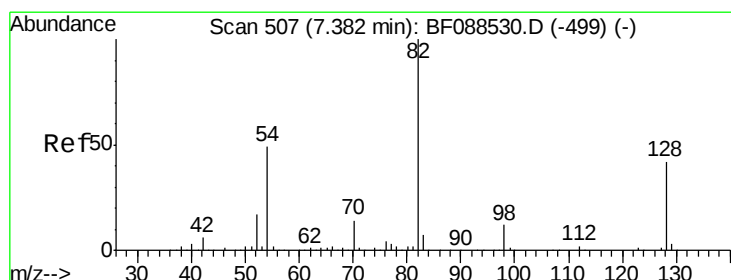
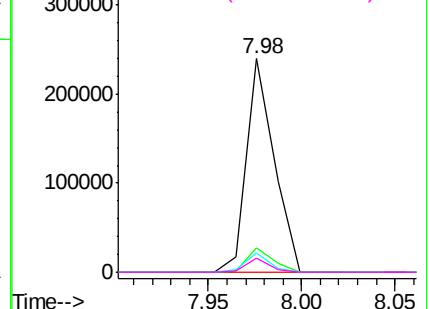
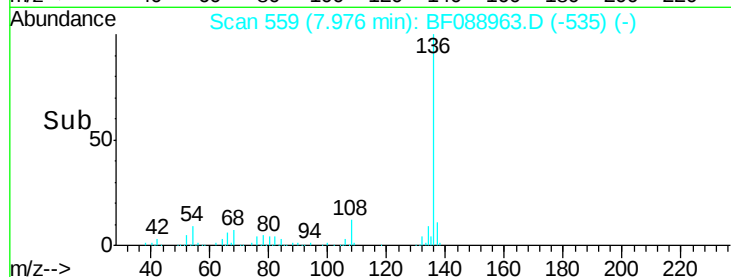


Abundance Ion 136.00 (135.70 to 136.70): E

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: 108.31 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088963.D

Acq: 13 Jul 2016 17:42

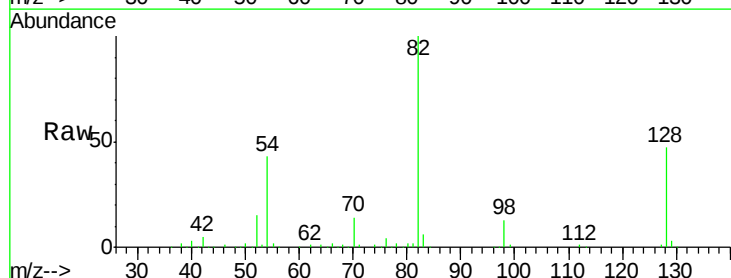
Tgt Ion: 82 Resp: 509774

Ion Ratio Lower Upper

82 100

128 47.4 35.9 53.9

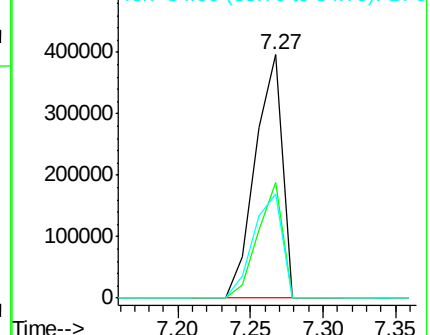
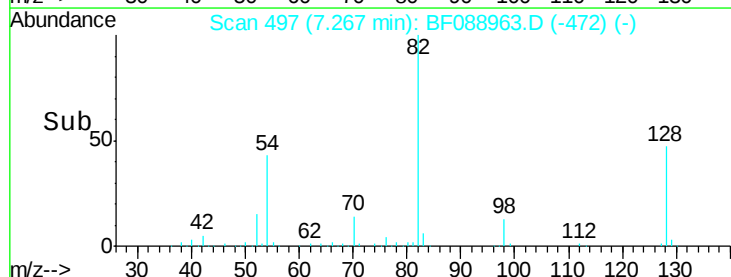
54 42.8 40.9 61.3

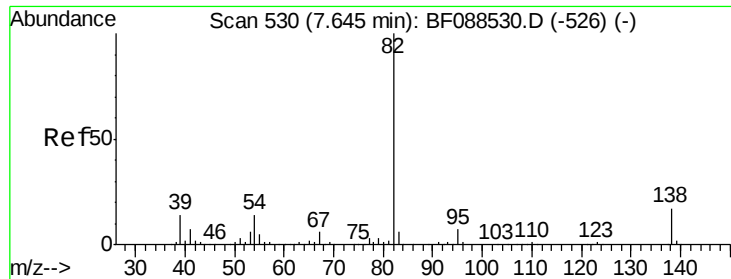


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 53.11 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.27 min

Lab File: BF088963.D

Acq: 13 Jul 2016 17:42

Instrument :

BNA_F

ClientSampleId :

C4.1-08

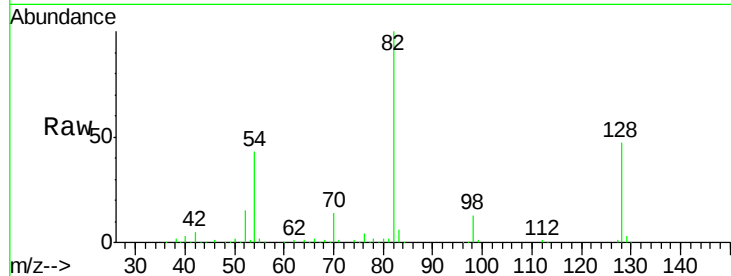
Tgt Ion: 82 Resp: 463057

Ion Ratio Lower Upper

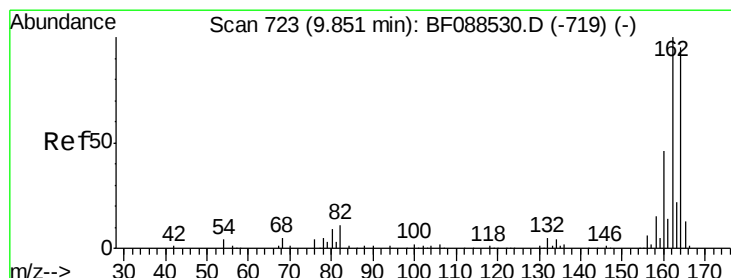
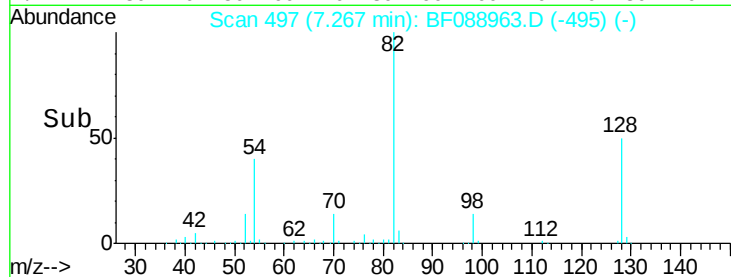
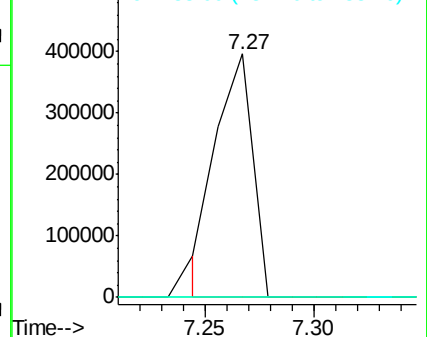
82 100

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: 9.72 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF088963.D

Acq: 13 Jul 2016 17:42

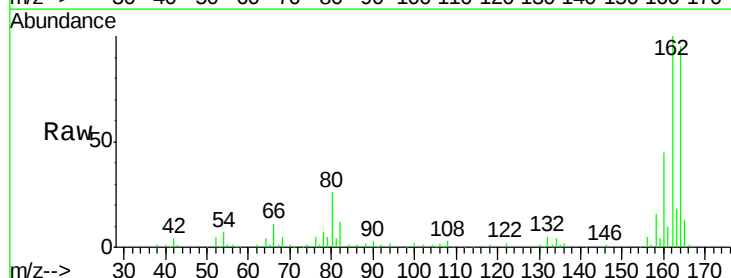
Tgt Ion: 164 Resp: 111327

Ion Ratio Lower Upper

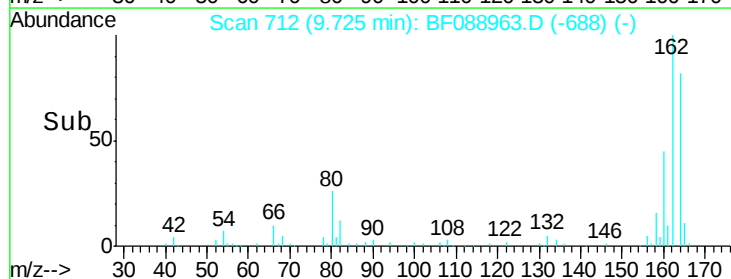
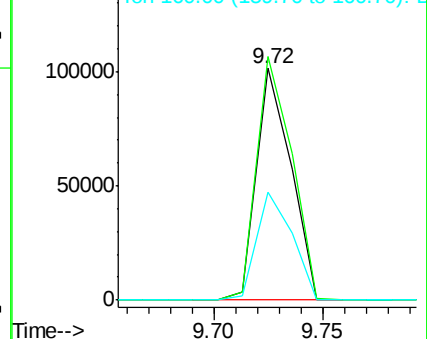
164 100

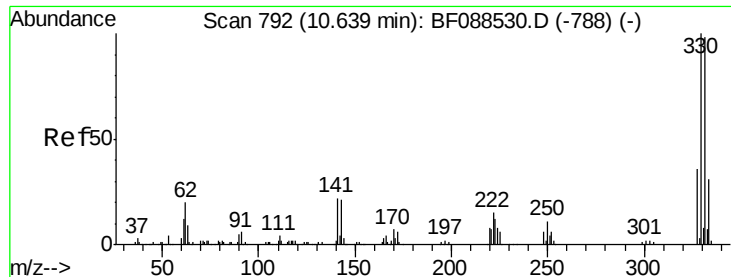
162 105.1 85.4 128.2

160 46.8 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

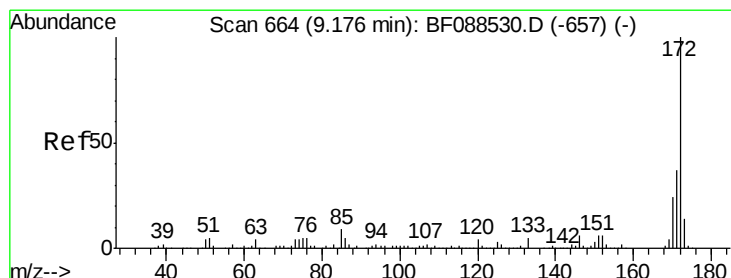
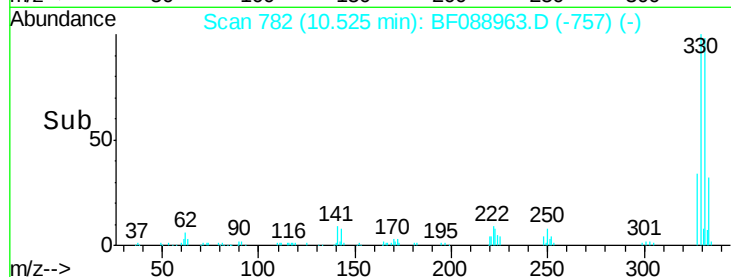
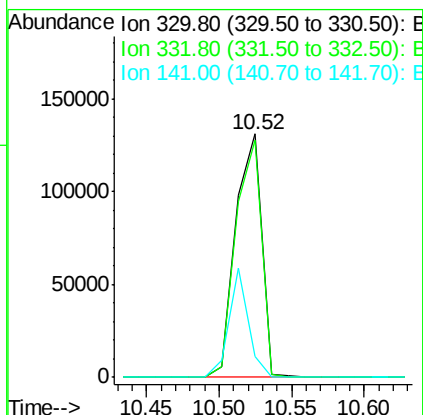
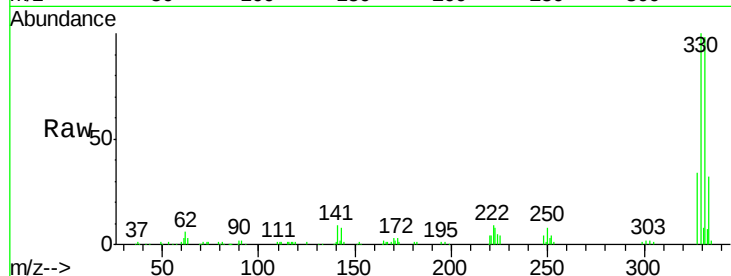




#41
 2,4,6-Tribromophenol
 Concen: 157.92 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088963.D
 Acq: 13 Jul 2016 17:42

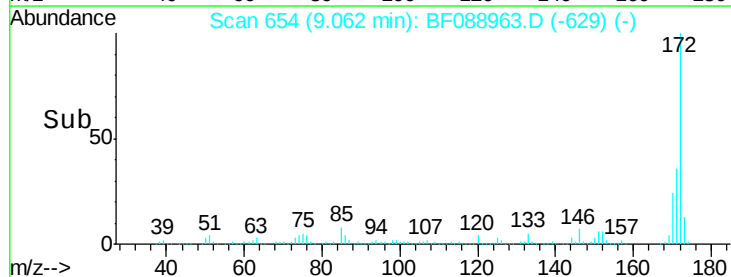
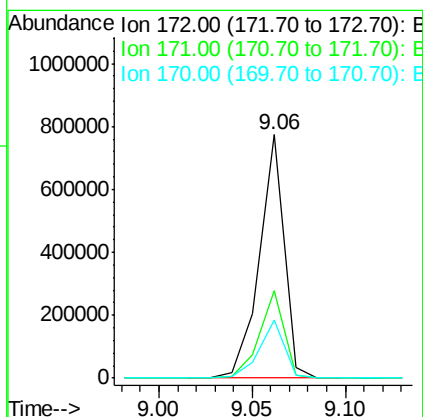
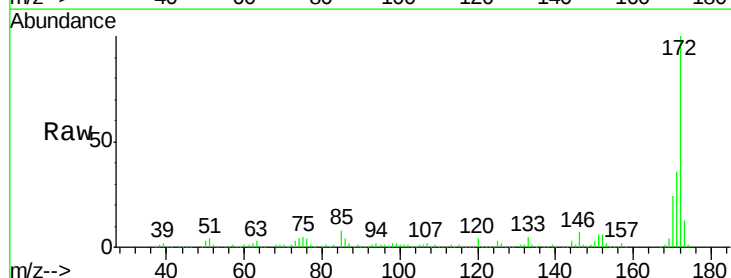
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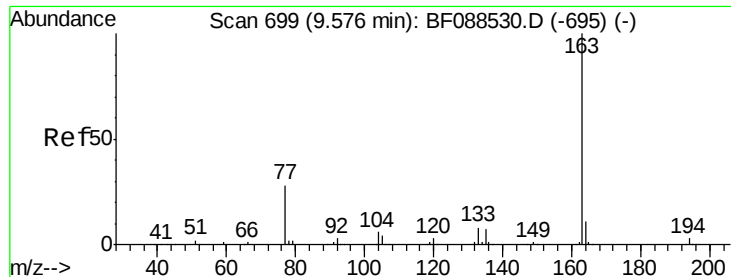
Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.8	0.0	0.0#
141	34.0	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 100.18 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088963.D
 Acq: 13 Jul 2016 17:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.0	19.2	28.8

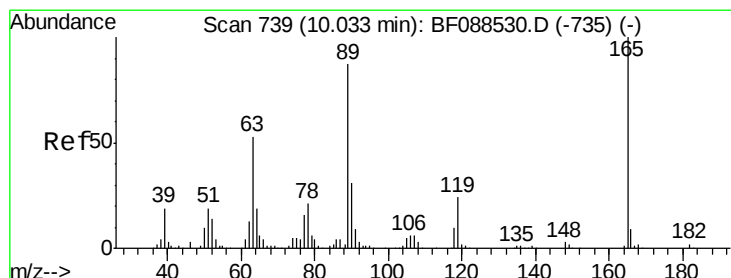
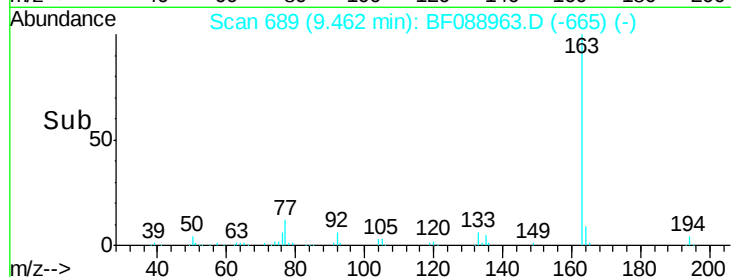
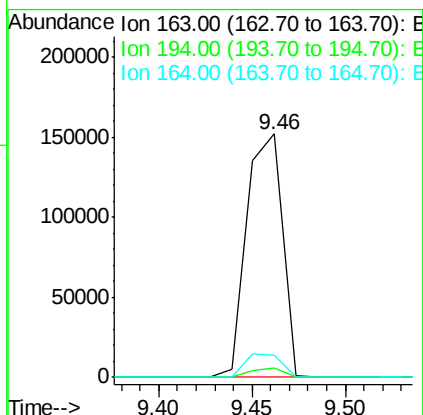
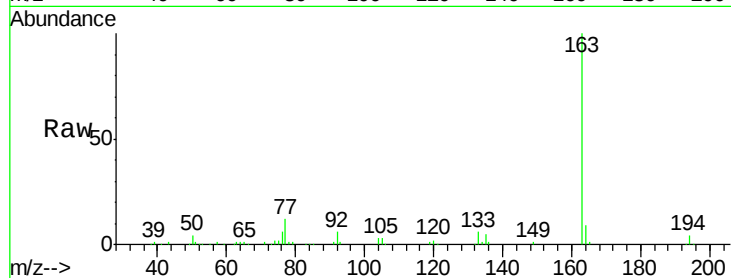




#49
Dimethylphthalate
Concen: 25.42 ng
RT: 9.46 min Scan# 689
Delta R.T. -0.02 min
Lab File: BF088963.D
Acq: 13 Jul 2016 17:42

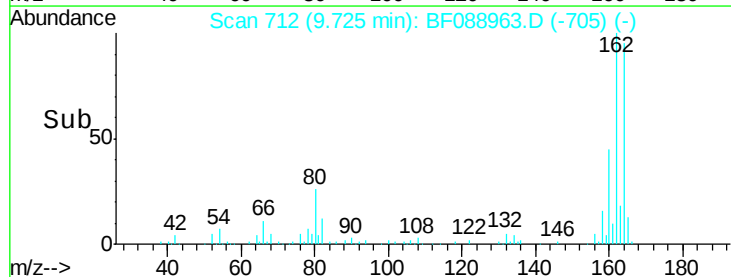
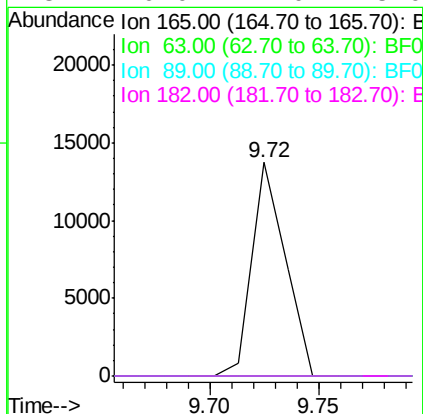
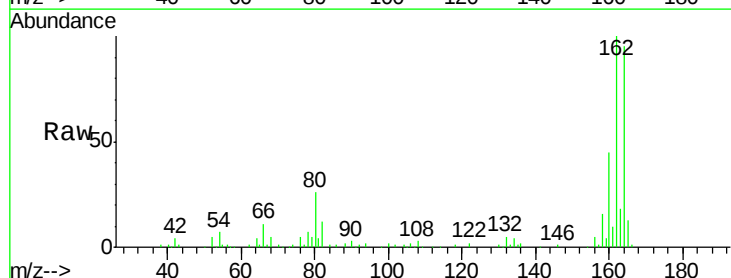
Instrument :
BNA_F
ClientSampleId :
C4.1-08

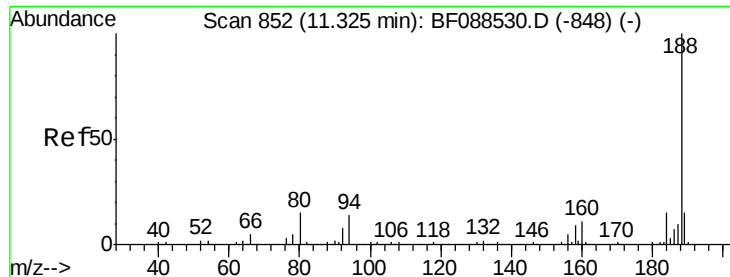
Tgt Ion:163 Resp: 201623
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.4 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.38 ng
RT: 9.72 min Scan# 712
Delta R.T. -0.22 min
Lab File: BF088963.D
Acq: 13 Jul 2016 17:42

Tgt Ion:165 Resp: 14658
Ion Ratio Lower Upper
165 100
63 0.0 22.0 33.0#
89 0.0 41.1 61.7#
182 0.0 2.0 3.0#

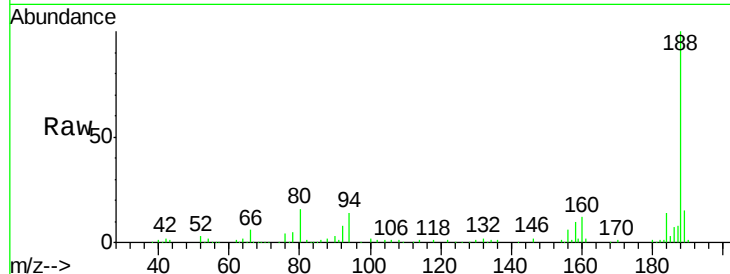




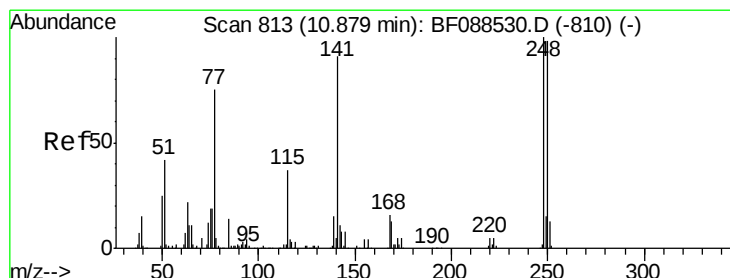
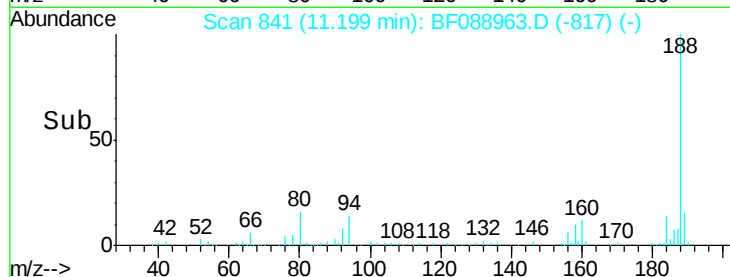
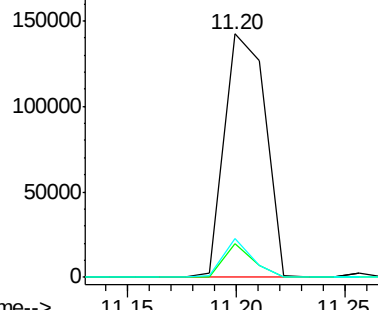
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF088963.D
Acq: 13 Jul 2016 17:42

Instrument :
BNA_F
ClientSampleId :
C4.1-08

Tgt Ion:188 Resp: 186577
Ion Ratio Lower Upper
188 100
94 13.8 9.0 13.6#
80 15.8 10.0 15.0#

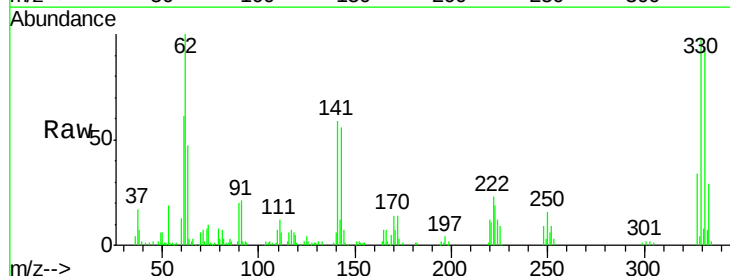


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

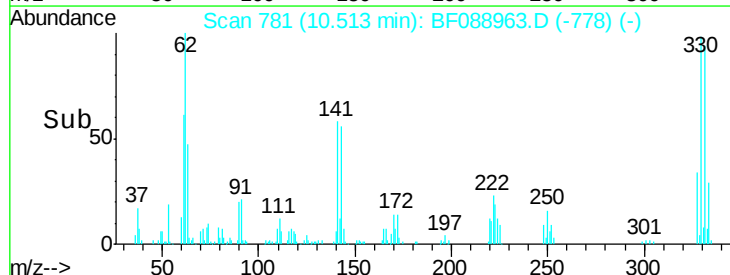
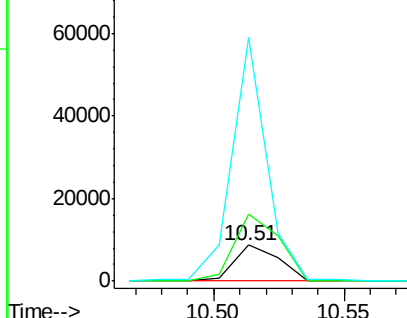


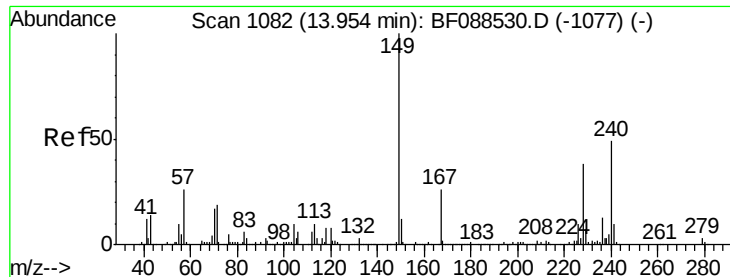
#66
4-Bromophenyl-phenylether
Concen: 5.45 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.26 min
Lab File: BF088963.D
Acq: 13 Jul 2016 17:42

Tgt Ion:248 Resp: 10253
Ion Ratio Lower Upper
248 100
250 187.6 77.1 115.7#
141 682.9 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: 13.83 min Scan# 1071

Delta R.T. -0.02 min

Lab File: BF088963.D

Acq: 13 Jul 2016 17:42

Instrument :

BNA_F

ClientSampleId :

C4.1-08

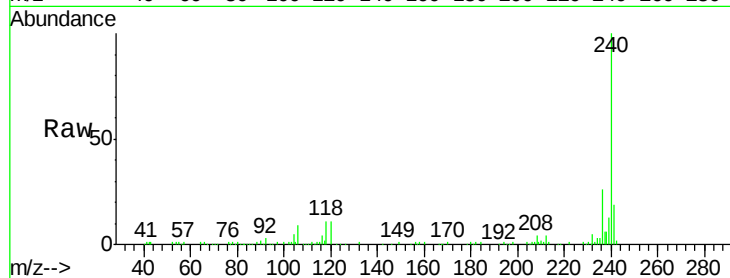
Tgt Ion:240 Resp: 116576

Ion Ratio Lower Upper

240 100

120 11.4 6.8 10.2#

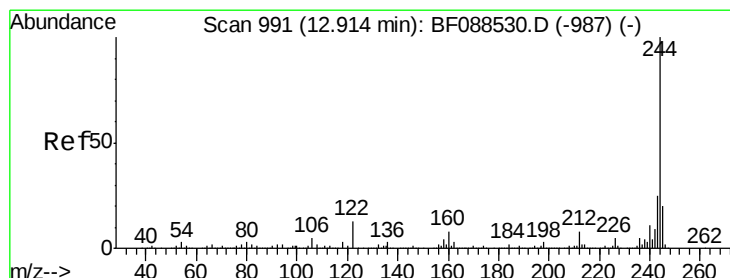
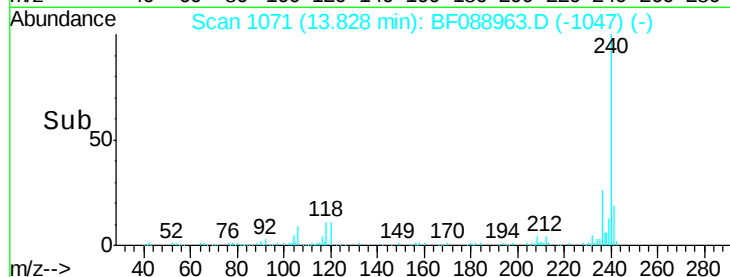
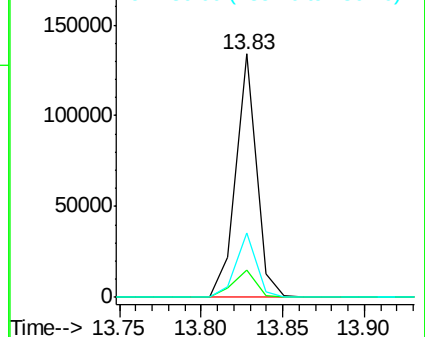
236 26.3 20.2 30.2



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: 81.42 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088963.D

Acq: 13 Jul 2016 17:42

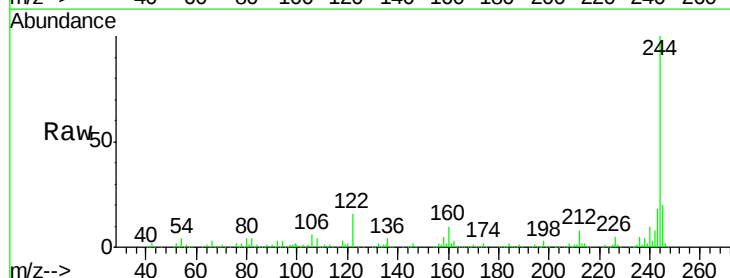
Tgt Ion:244 Resp: 426167

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

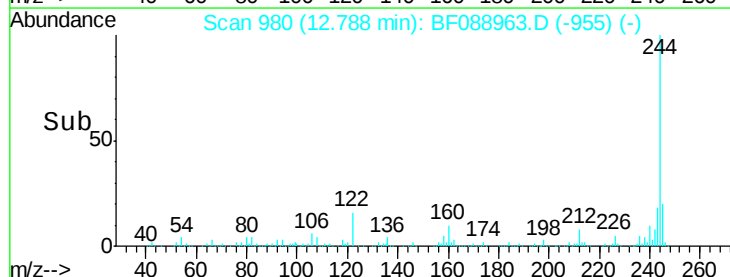
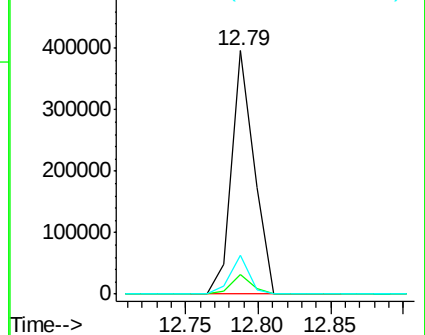
122 16.1 11.2 16.8

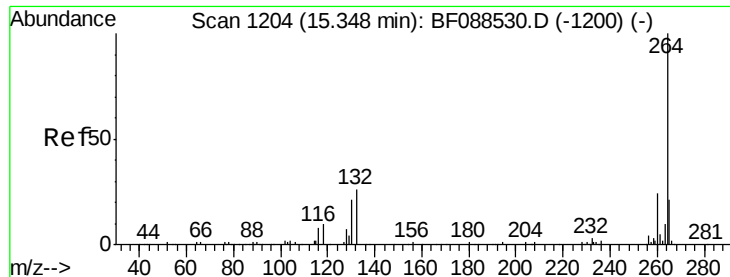


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

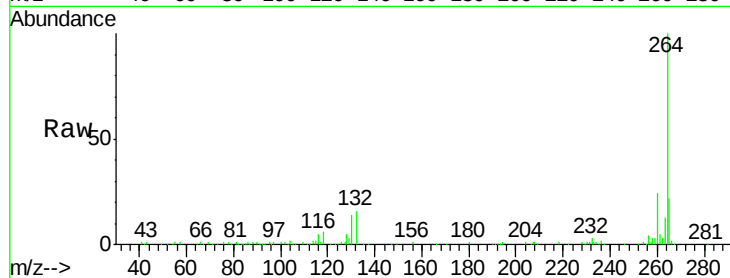




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.20 min Scan# 1191
Delta R.T. -0.01 min
Lab File: BF088963.D
Acq: 13 Jul 2016 17:42

Instrument :
BNA_F
ClientSampleId :
C4.1-08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.5	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

