

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071316\
 Data File : BF088965.D
 Acq On : 13 Jul 2016 18:41
 Operator : UM/SJ
 Sample : H3952-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FILL

Quant Time: Jul 14 01:14:37 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

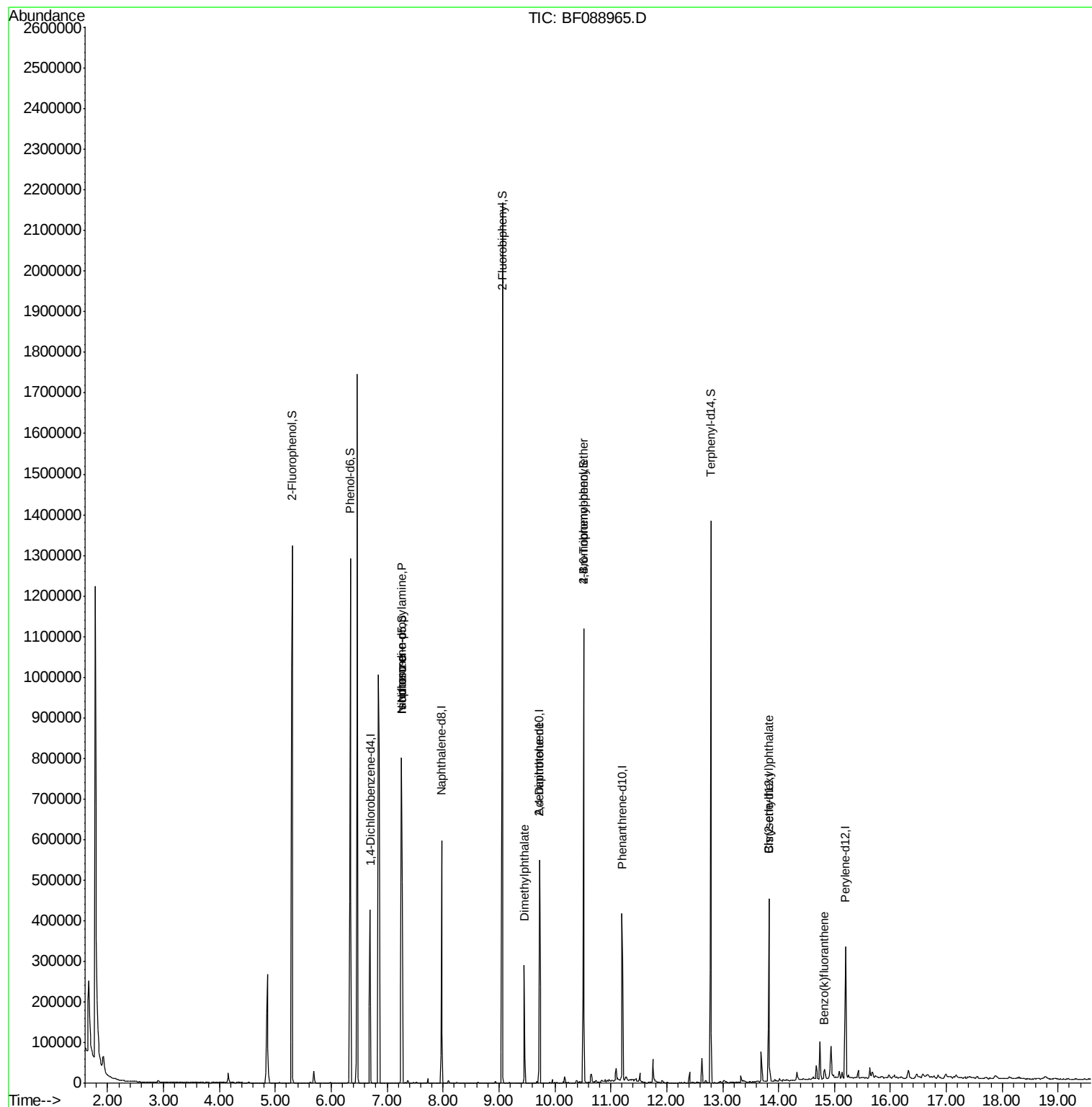
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	71292	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	266902	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	116490	20.00	ng	-0.02
63) Phenanthrene-d10	11.20	188	196420	20.00	ng	-0.02
75) Chrysene-d12	13.83	240	127682	20.00	ng	-0.02
86) Perylene-d12	15.20	264	132419	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	492615	103.56	ng	0.01
7) Phenol-d6	6.34	99	567808	92.38	ng	-0.01
23) Nitrobenzene-d5	7.26	82	369924	72.63	ng	-0.02
41) 2,4,6-Tribromophenol	10.51	330	116405	107.61	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	684169	92.77	ng	-0.01
78) Terphenyl-d14	12.79	244	388238	67.73	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.26	70	48672	11.79	ng	# 76
25) Isophorone	7.26	82	314203	33.30	ng	# 65
49) Dimethylphthalate	9.45	163	110960	13.37	ng	99
56) 2,4-Dinitrotoluene	9.72	165	14762	6.14	ng	# 36
66) 4-Bromophenyl-phenylether	10.51	248	8085	4.08	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.83	149	15063	2.73	ng	100
88) Benzo(k)fluoranthene	14.82	252	15992	2.21	ng	98

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

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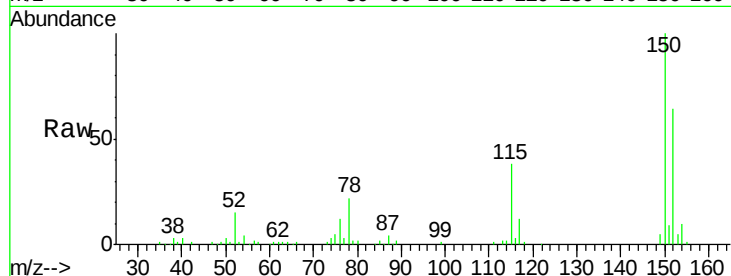




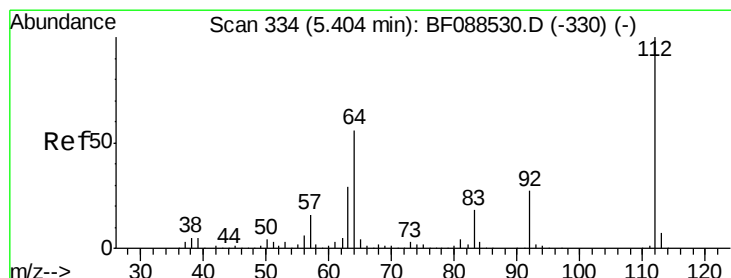
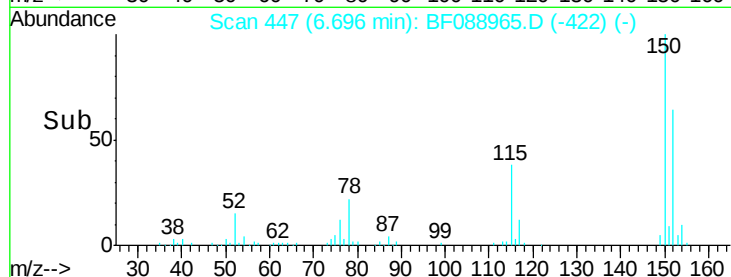
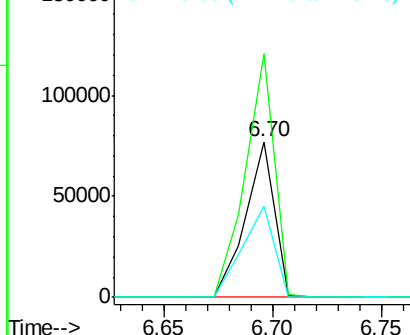
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 447
 Delta R.T. -0.01 min
 Lab File: BF088965.D
 Acq: 13 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 FILL

Tgt Ion:152 Resp: 71292
 Ion Ratio Lower Upper
 152 100
 150 156.2 123.8 185.6
 115 58.9 39.6 59.4

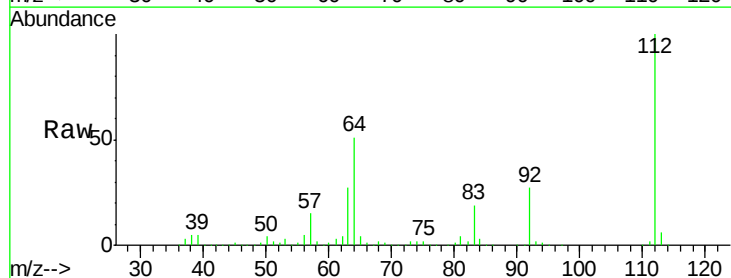


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

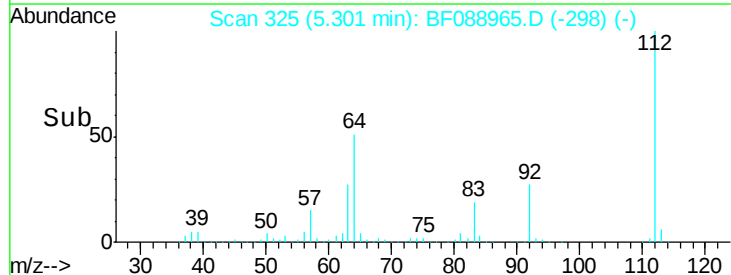
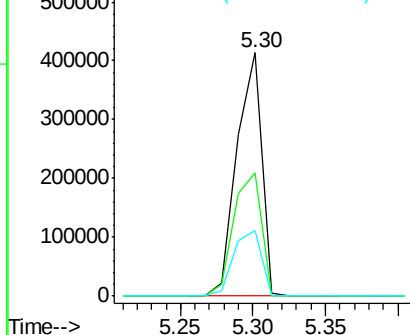


#5
 2-Fluorophenol
 Concen: 103.56 ng
 RT: 5.30 min Scan# 325
 Delta R.T. 0.01 min
 Lab File: BF088965.D
 Acq: 13 Jul 2016 18:41

Tgt Ion:112 Resp: 492615
 Ion Ratio Lower Upper
 112 100
 64 50.7 42.2 63.2
 63 26.8 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: 92.38 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088965.D

Acq: 13 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

FILL

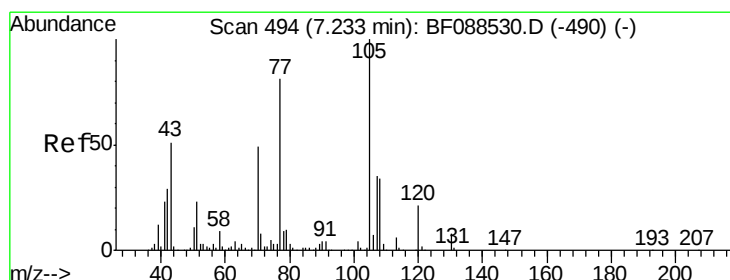
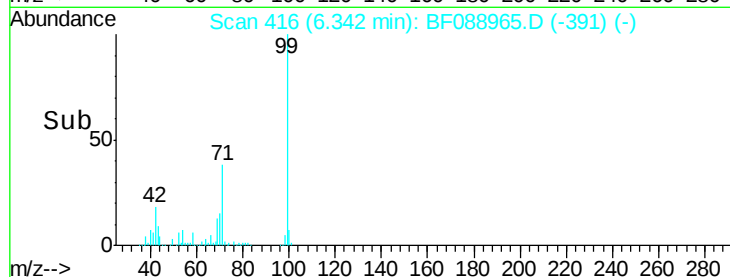
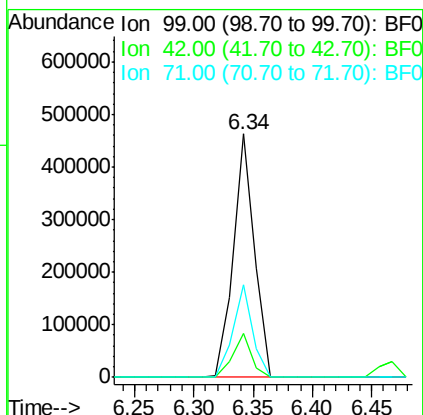
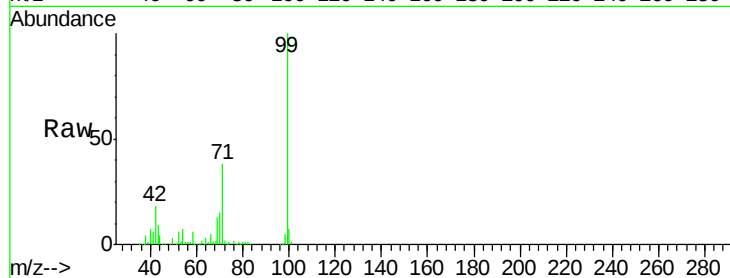
Tgt Ion: 99 Resp: 567808

Ion Ratio Lower Upper

99 100

42 18.0 12.2 18.2

71 37.9 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 11.79 ng

RT: 7.26 min Scan# 496

Delta R.T. 0.11 min

Lab File: BF088965.D

Acq: 13 Jul 2016 18:41

Tgt Ion: 70 Resp: 48672

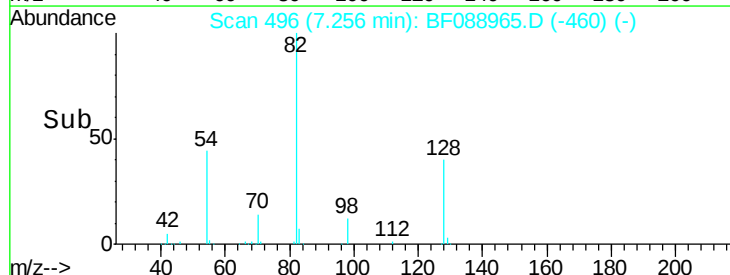
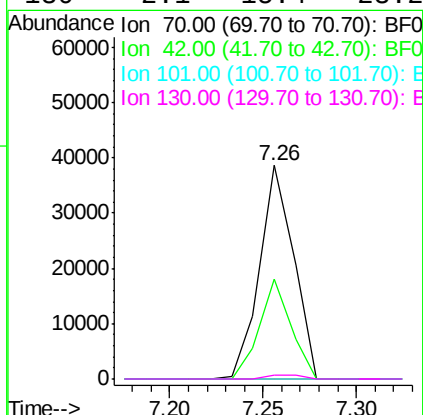
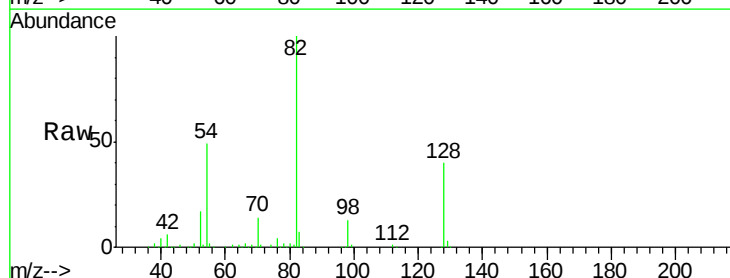
Ion Ratio Lower Upper

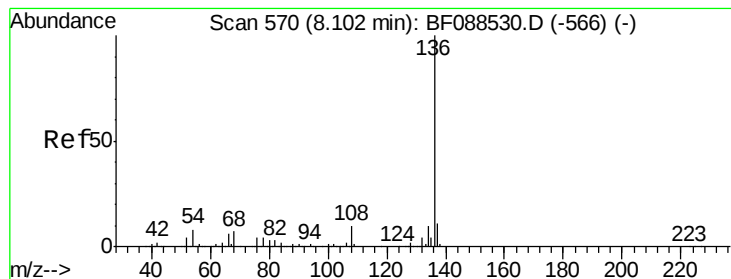
70 100

42 46.8 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: 7.98 min Scan# 559

Delta R.T. -0.02 min

Lab File: BF088965.D

Acq: 13 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

FILL

Tgt Ion:136 Resp: 266902

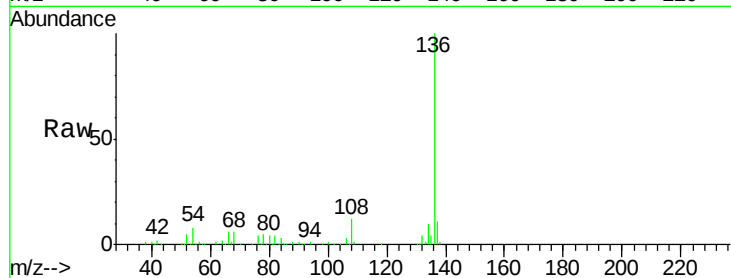
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.1 6.6 10.0

68 6.3 5.1 7.7

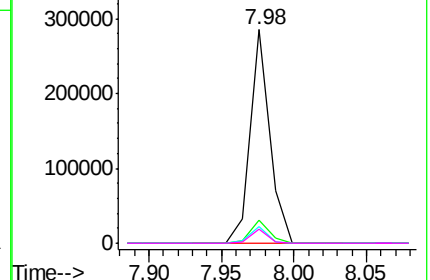
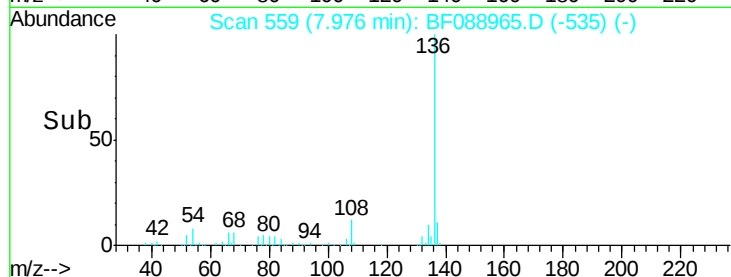


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.63 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.02 min

Lab File: BF088965.D

Acq: 13 Jul 2016 18:41

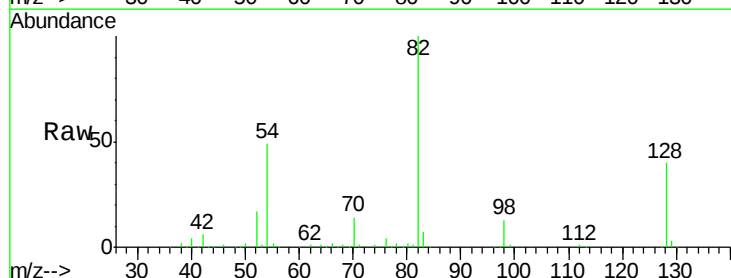
Tgt Ion: 82 Resp: 369924

Ion Ratio Lower Upper

82 100

128 39.8 35.9 53.9

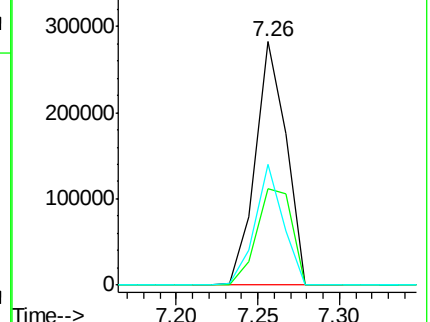
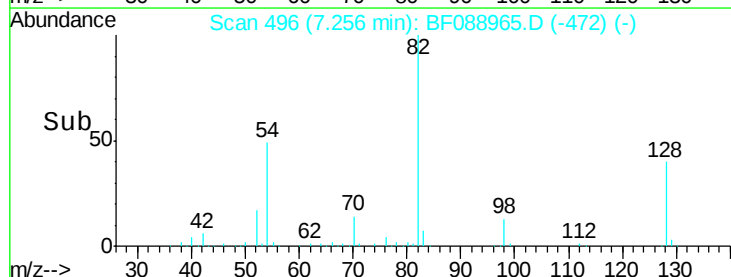
54 49.4 40.9 61.3

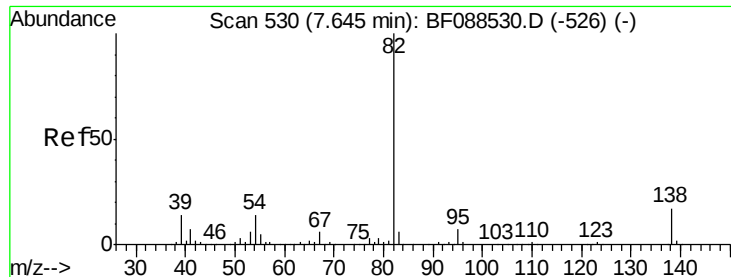


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 33.30 ng

RT: 7.26 min Scan# 496

Delta R.T. -0.29 min

Lab File: BF088965.D

Acq: 13 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

FILL

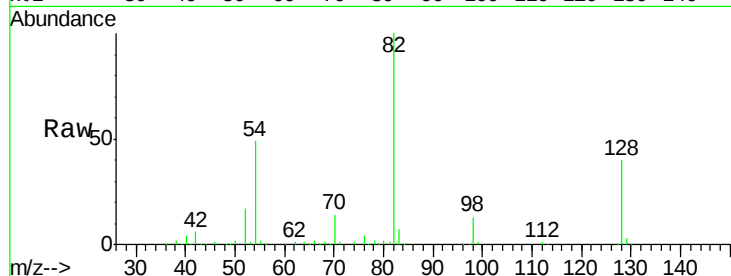
Tgt Ion: 82 Resp: 314203

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

138 0.0 14.6 21.8#

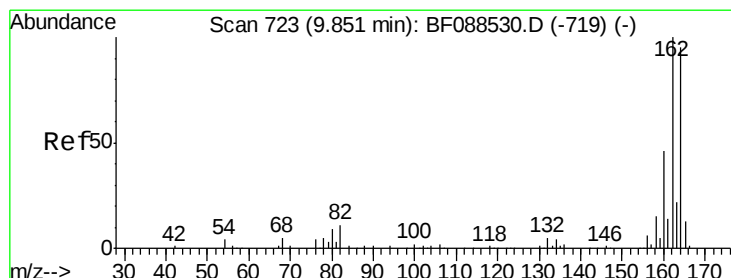
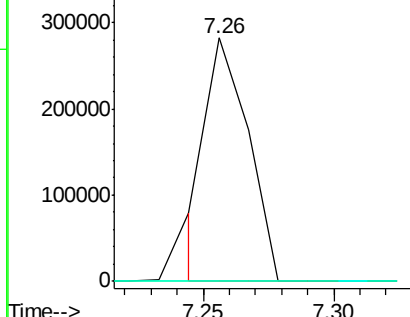
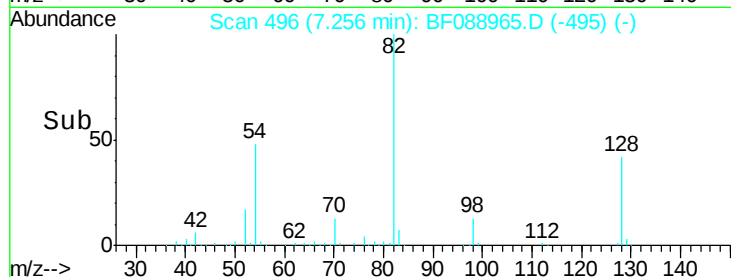


Abundance Ion 82.00 (81.70 to 82.70): BF088530.D (-526) (-)

Ion 95.00 (94.70 to 95.70): BF088530.D (-526) (-)

Ion 138.00 (137.70 to 138.70): BF088530.D (-526) (-)

Time-->



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.02 min

Lab File: BF088965.D

Acq: 13 Jul 2016 18:41

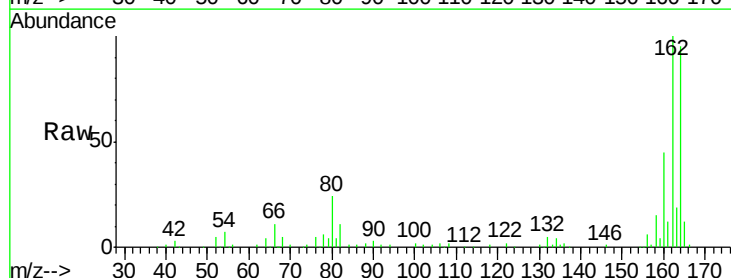
Tgt Ion: 164 Resp: 116490

Ion Ratio Lower Upper

164 100

162 105.8 85.4 128.2

160 47.4 39.5 59.3

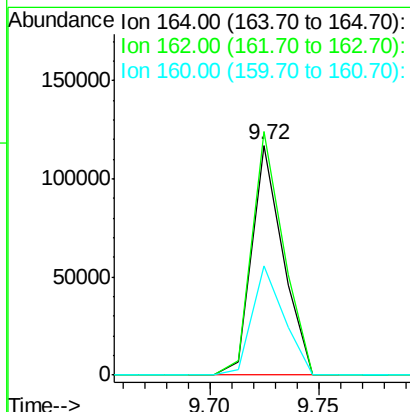
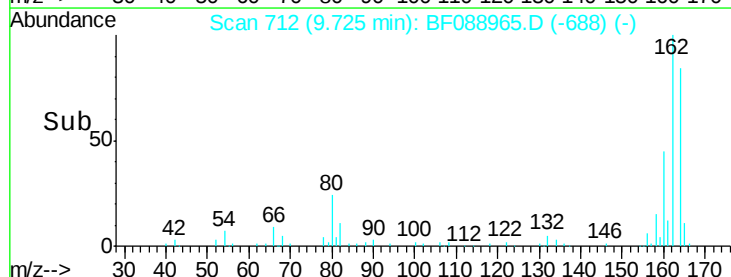


Abundance Ion 164.00 (163.70 to 164.70): BF088530.D (-719) (-)

Ion 162.00 (161.70 to 162.70): BF088530.D (-719) (-)

Ion 160.00 (159.70 to 160.70): BF088530.D (-719) (-)

Time-->

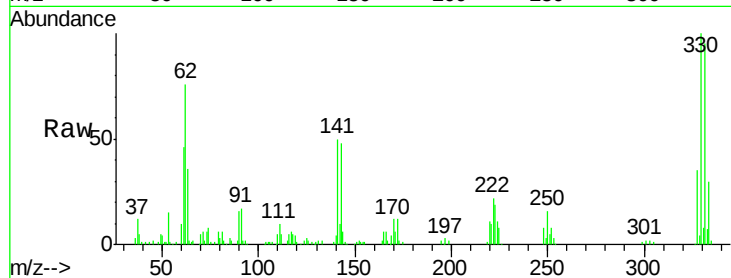




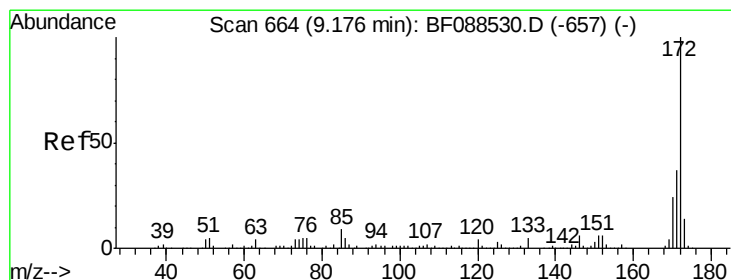
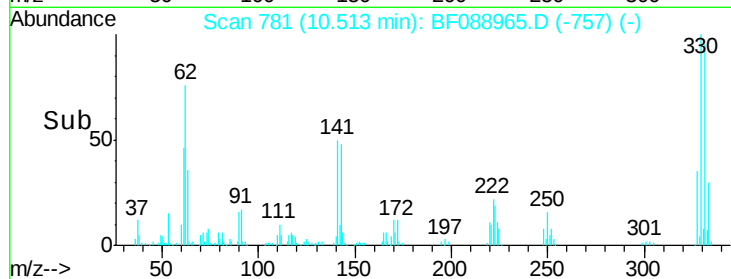
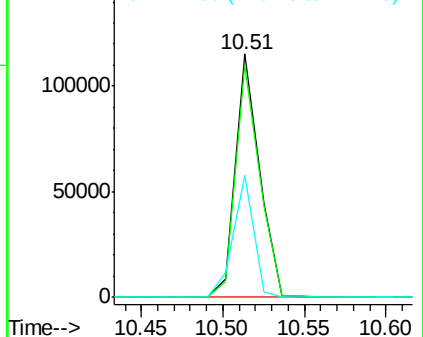
#41
 2,4,6-Tribromophenol
 Concen: 107.61 ng
 RT: 10.51 min Scan# 781
 Delta R.T. -0.02 min
 Lab File: BF088965.D
 Acq: 13 Jul 2016 18:41

Instrument :
 BNA_F
 ClientSampleId :
 FILL

Tgt Ion:330 Resp: 116405
 Ion Ratio Lower Upper
 330 100
 332 95.6 0.0 0.0#
 141 42.6 0.0 0.0#

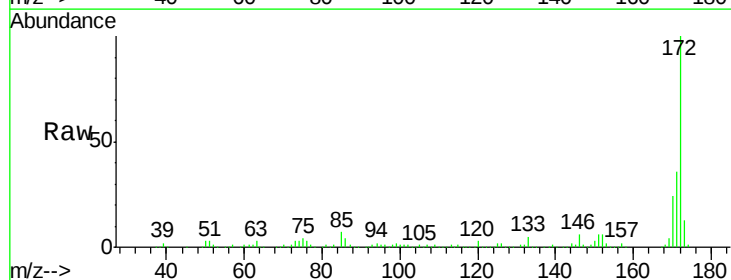


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

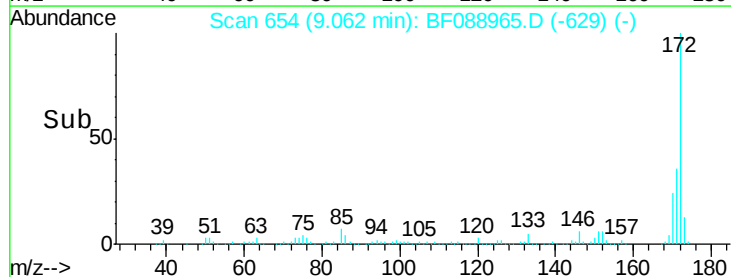
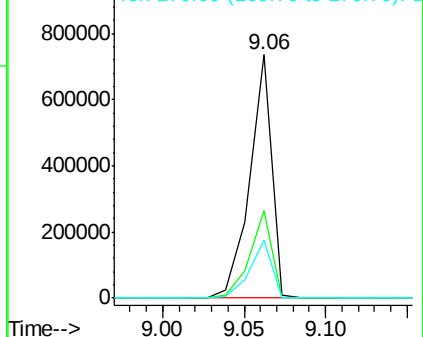


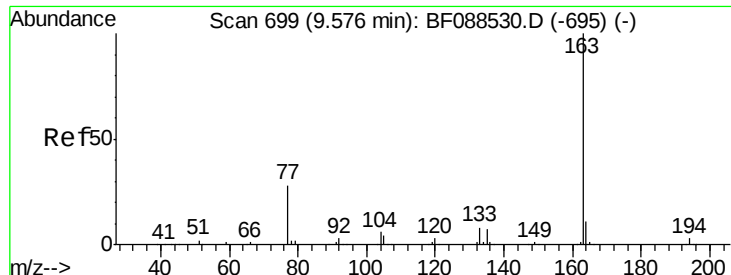
#44
 2-Fluorobiphenyl
 Concen: 92.77 ng
 RT: 9.06 min Scan# 654
 Delta R.T. -0.01 min
 Lab File: BF088965.D
 Acq: 13 Jul 2016 18:41

Tgt Ion:172 Resp: 684169
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.8 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: 13.37 ng

RT: 9.45 min Scan# 688

Delta R.T. -0.03 min

Lab File: BF088965.D

Acq: 13 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

FILL

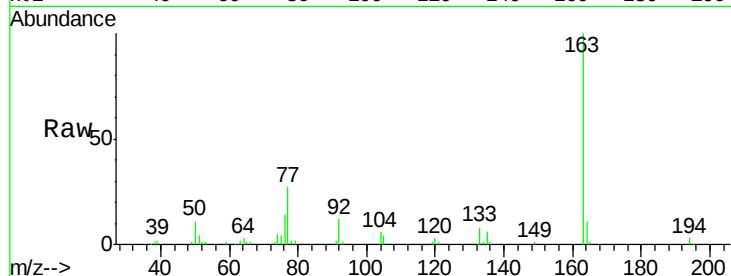
Tgt Ion:163 Resp: 110960

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

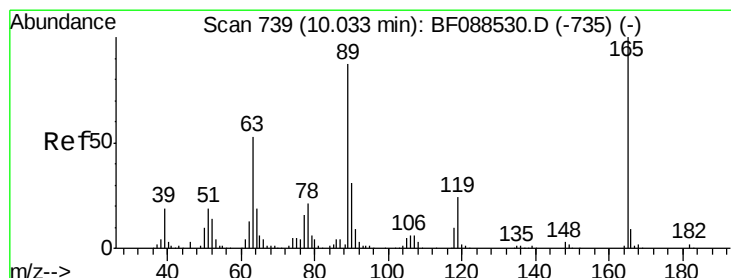
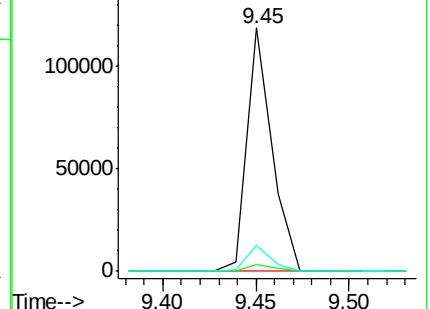
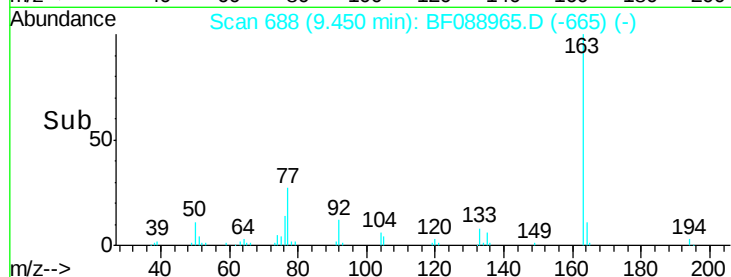
164 10.6 8.3 12.5



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: 6.14 ng

RT: 9.72 min Scan# 712

Delta R.T. -0.22 min

Lab File: BF088965.D

Acq: 13 Jul 2016 18:41

Tgt Ion:165 Resp: 14762

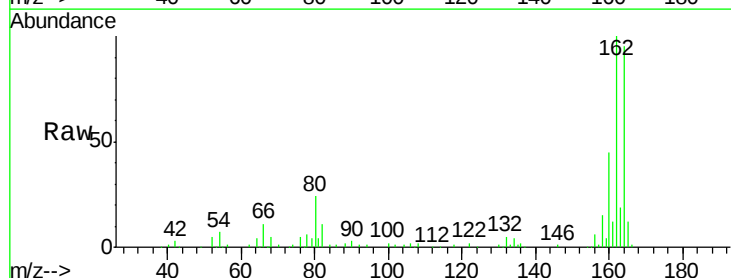
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

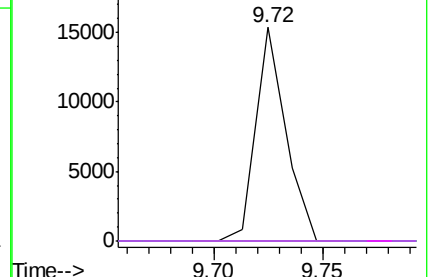
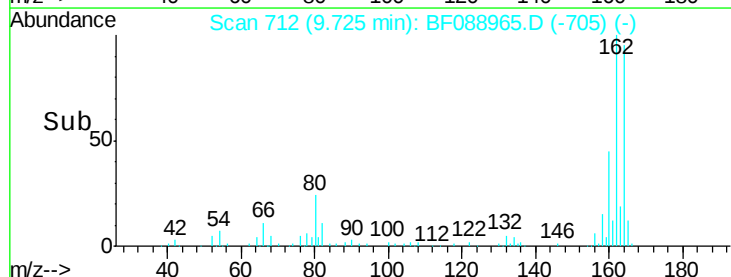


Abundance Ion 165.00 (164.70 to 165.70): E

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

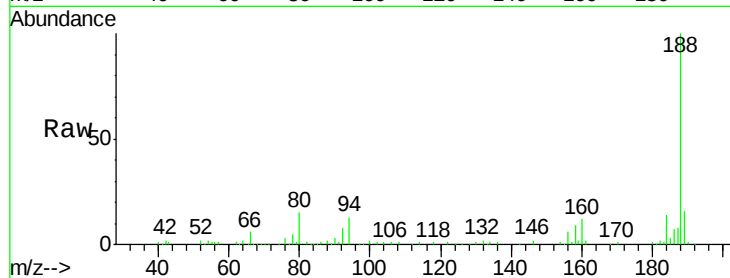




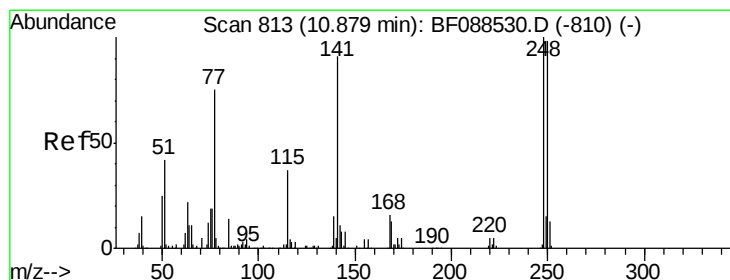
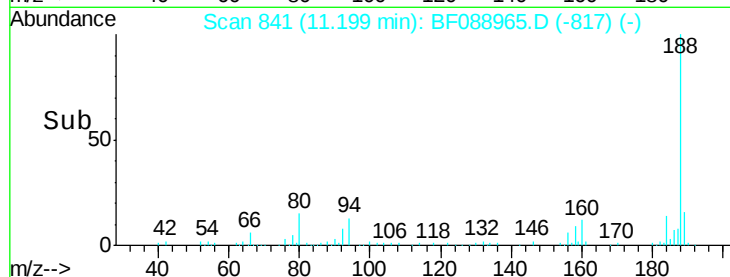
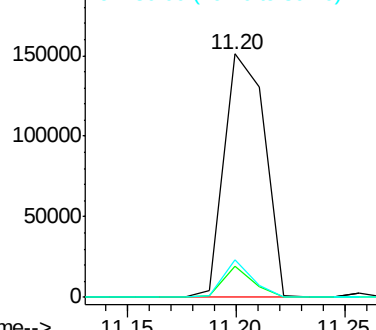
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 841
Delta R.T. -0.02 min
Lab File: BF088965.D
Acq: 13 Jul 2016 18:41

Instrument :
BNA_F
ClientSampleId :
FILL

Tgt Ion:188 Resp: 196420
Ion Ratio Lower Upper
188 100
94 12.7 9.0 13.6
80 15.3 10.0 15.0#

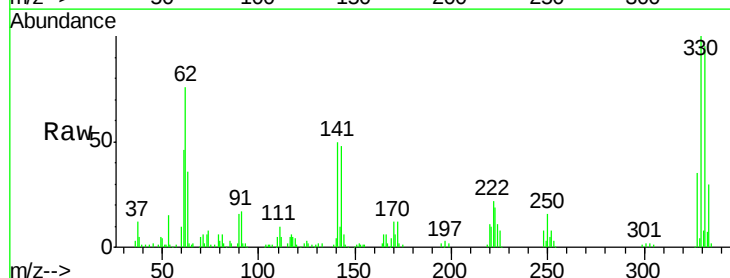


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

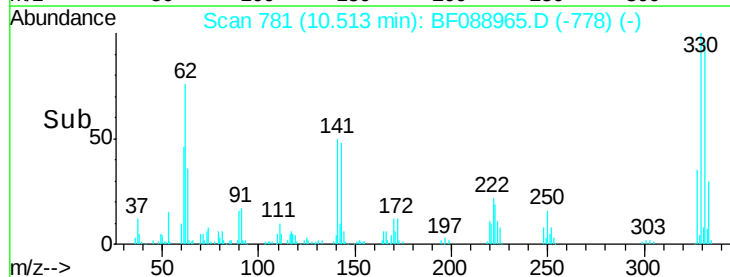
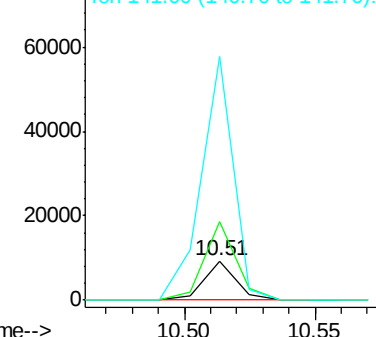


#66
4-Bromophenyl-phenylether
Concen: 4.08 ng
RT: 10.51 min Scan# 781
Delta R.T. -0.26 min
Lab File: BF088965.D
Acq: 13 Jul 2016 18:41

Tgt Ion:248 Resp: 8085
Ion Ratio Lower Upper
248 100
250 200.8 77.1 115.7#
141 619.2 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: BF088965.D

Acq: 13 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

FILL

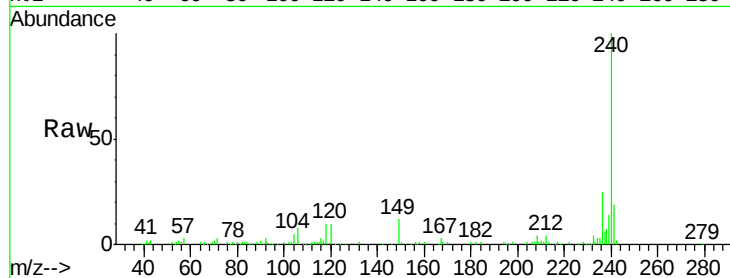
Tgt Ion:240 Resp: 127682

Ion Ratio Lower Upper

240 100

120 10.4 6.8 10.2#

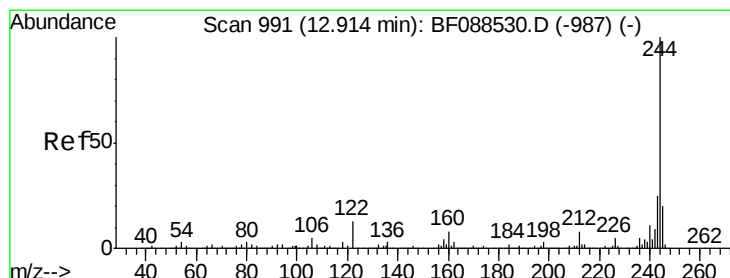
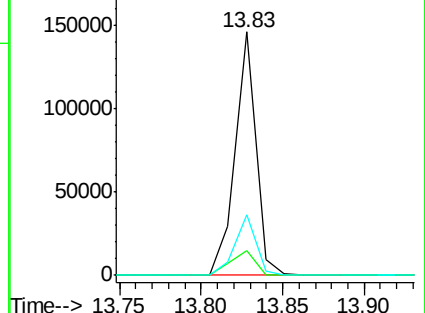
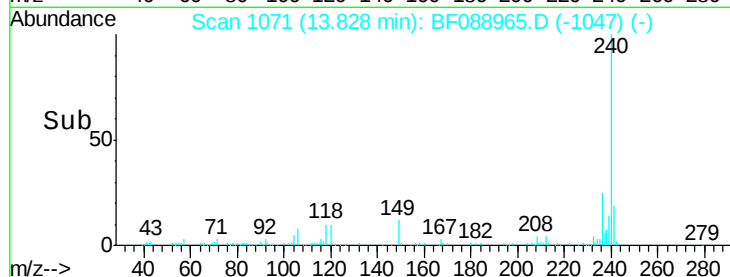
236 24.9 20.2 30.2



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: 67.73 ng

RT: 12.79 min Scan# 980

Delta R.T. -0.01 min

Lab File: BF088965.D

Acq: 13 Jul 2016 18:41

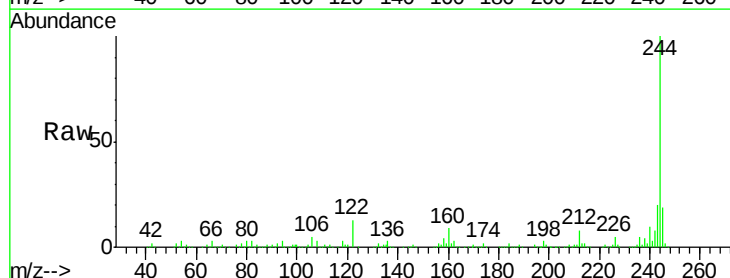
Tgt Ion:244 Resp: 388238

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

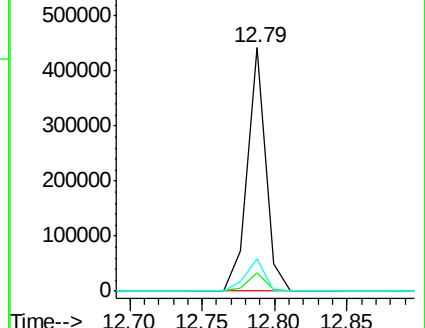
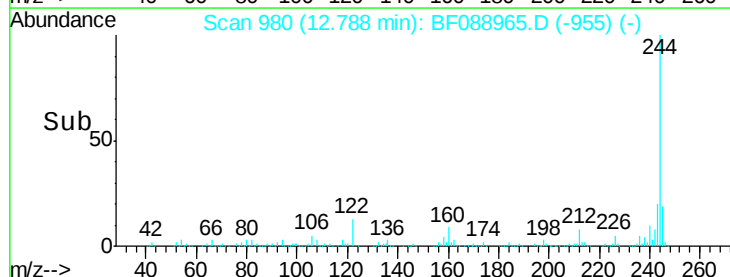
122 13.4 11.2 16.8

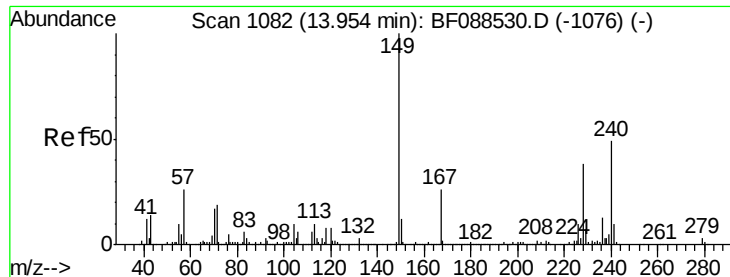


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

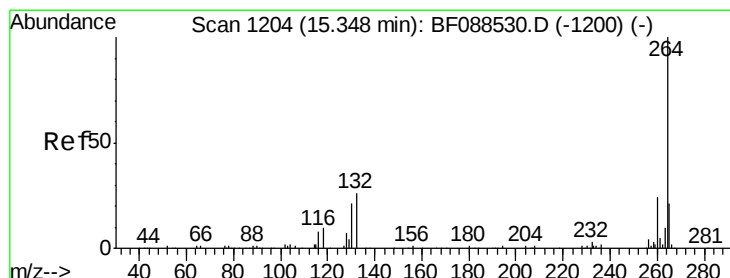
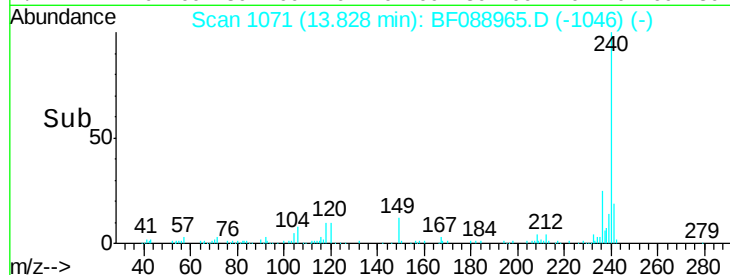
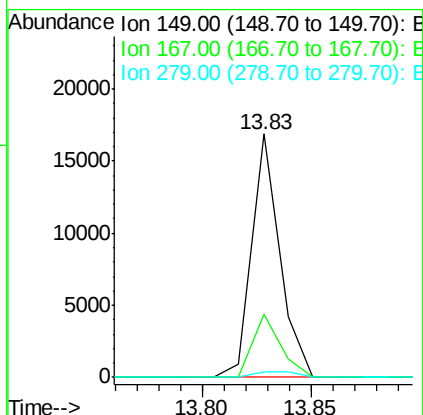
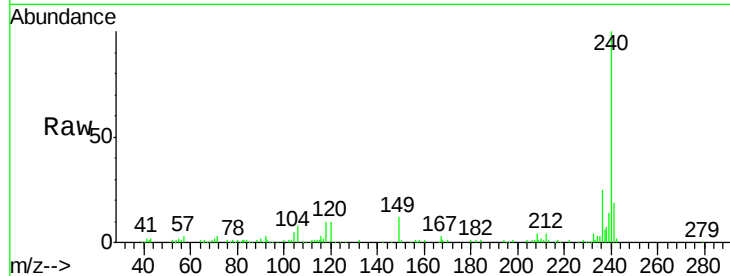




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.73 ng
 RT: 13.83 min Scan# 1071
 Delta R.T. -0.01 min
 Lab File: BF088965.D
 Acq: 13 Jul 2016 18:41

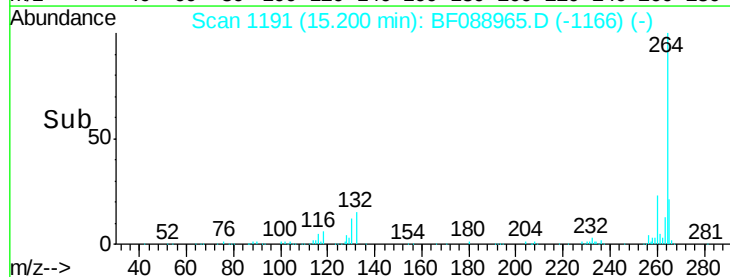
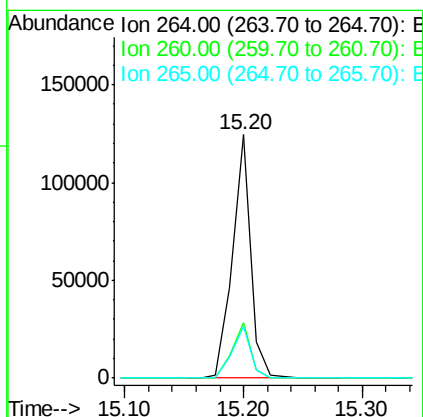
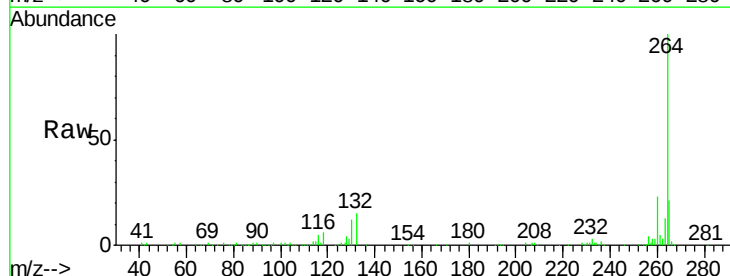
Instrument :
 BNA_F
 ClientSampleId :
 FILL

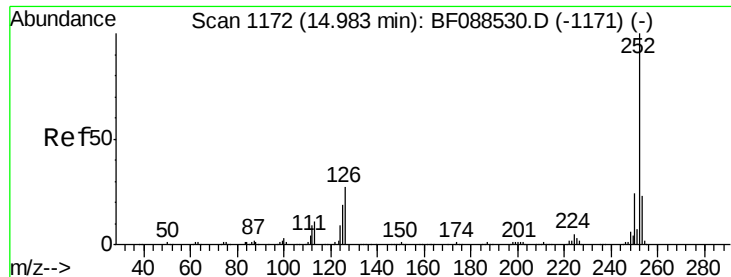
Tgt Ion:149 Resp: 15063
 Ion Ratio Lower Upper
 149 100
 167 25.7 20.5 30.7
 279 2.3 2.0 3.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.20 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF088965.D
 Acq: 13 Jul 2016 18:41

Tgt Ion:264 Resp: 132419
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.2 28.8
 265 21.0 16.9 25.3





#88

Benzo(k)fluoranthene

Concen: 2.21 ng

RT: 14.82 min Scan# 1158

Delta R.T. -0.05 min

Lab File: BF088965.D

Acq: 13 Jul 2016 18:41

Instrument :

BNA_F

ClientSampleId :

FILL

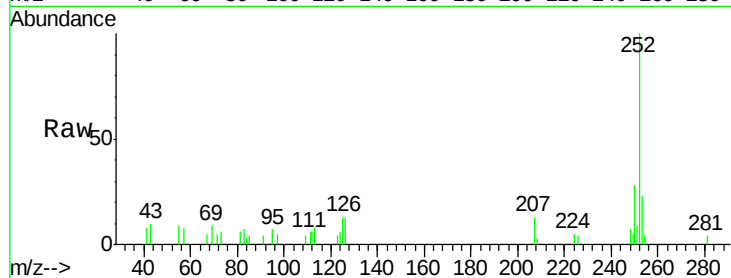
Tgt Ion: 252 Resp: 15992

Ion Ratio Lower Upper

252 100

253 23.3 18.0 27.0

125 13.4 11.2 16.8



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

