

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
 Data File : BF088946.D
 Acq On : 13 Jul 2016 5:50
 Operator : UM/SJ
 Sample : H3987-04
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-WALL-S-070816

Quant Time: Jul 13 06:52:54 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

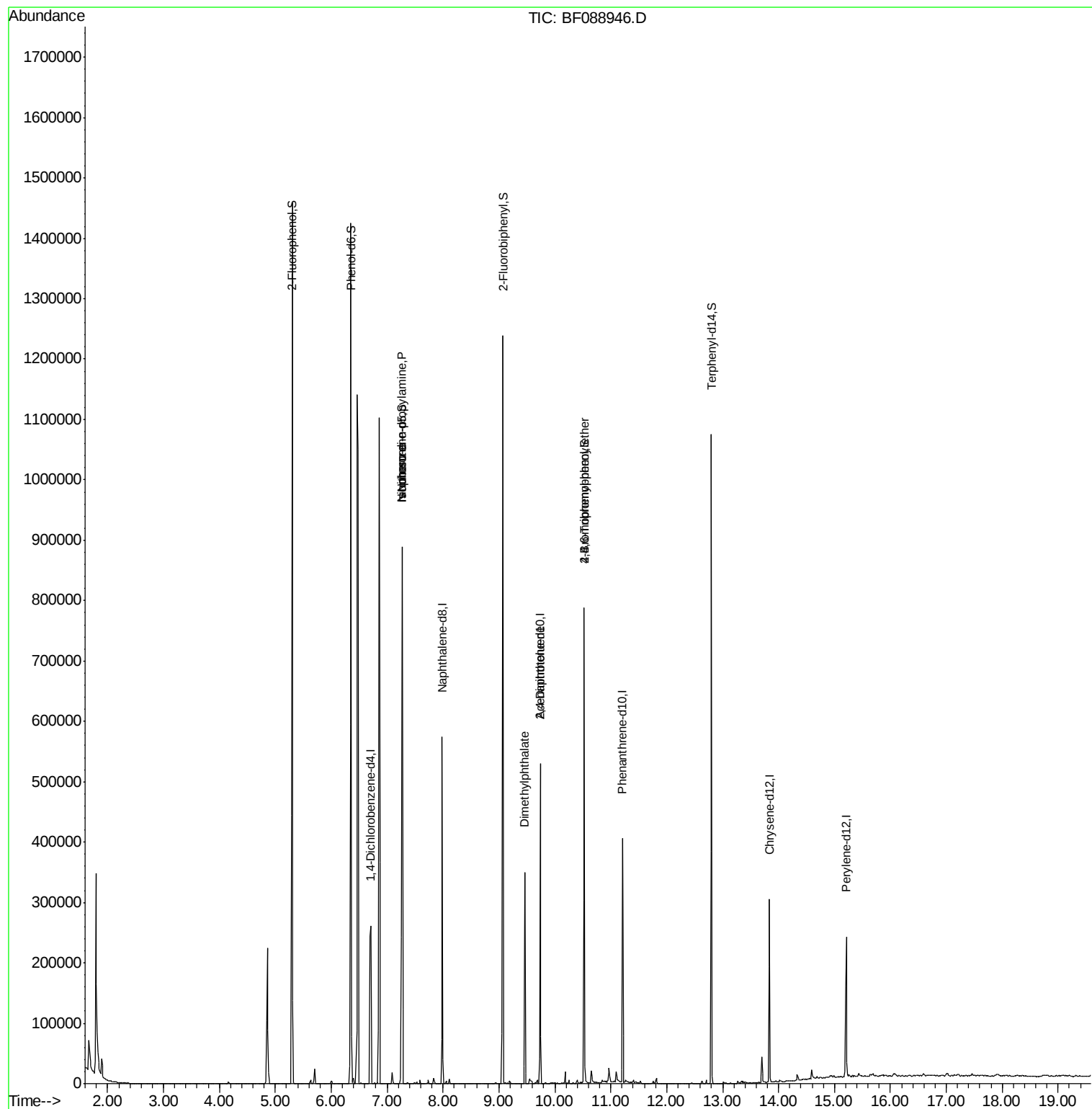
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	57626	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	235025	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	94498	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	138762	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	127253	20.00	ng	-0.01
86) Perylene-d12	15.21	264	106605	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	396033	103.00	ng	0.01
7) Phenol-d6	6.35	99	517423	104.14	ng	0.00
23) Nitrobenzene-d5	7.27	82	305959	68.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	91589	104.37	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	550899	92.09	ng	0.00
78) Terphenyl-d14	12.80	244	332712	58.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.27	70	42106	12.62	ng	# 73
25) Isophorone	7.27	82	244541	29.44	ng	# 65
49) Dimethylphthalate	9.46	163	121320	18.02	ng	99
56) 2,4-Dinitrotoluene	9.74	165	12053	6.18	ng	# 36
66) 4-Bromophenyl-phenylether	10.52	248	6425	4.59	ng	# 1

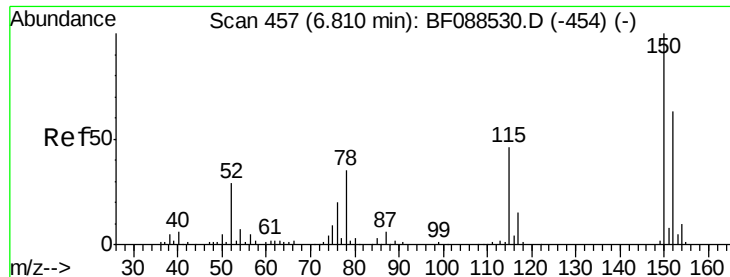
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071216\
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. 0.00 min

Lab File: BF088946.D

Acq: 13 Jul 2016 5:50

Instrument :

BNA_F

ClientSampleId :

COMP-WALL-S-070816

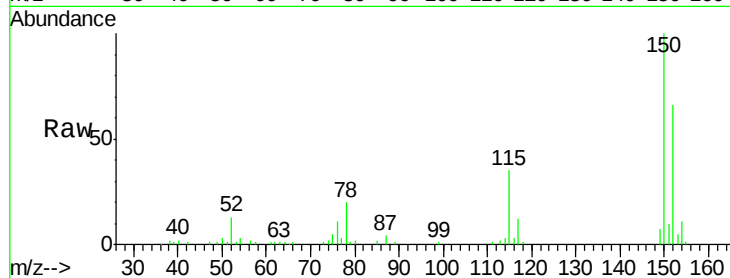
Tgt Ion:152 Resp: 57626

Ion Ratio Lower Upper

152 100

150 152.3 123.8 185.6

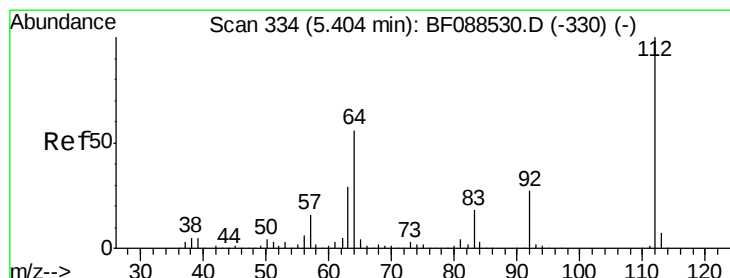
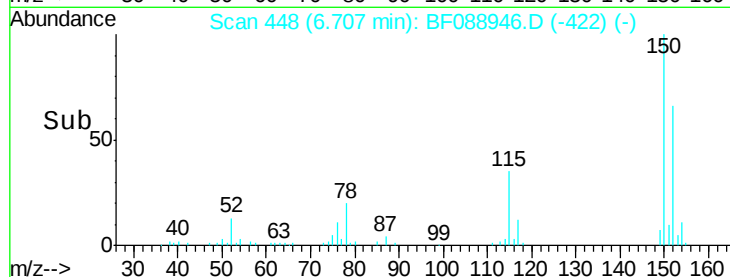
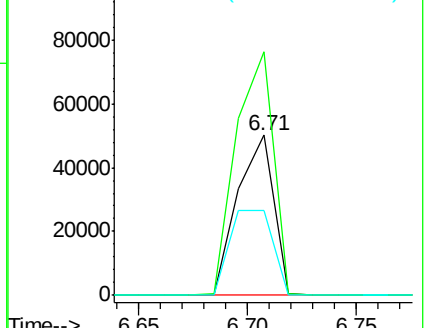
115 53.1 39.6 59.4



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: 103.00 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088946.D

Acq: 13 Jul 2016 5:50

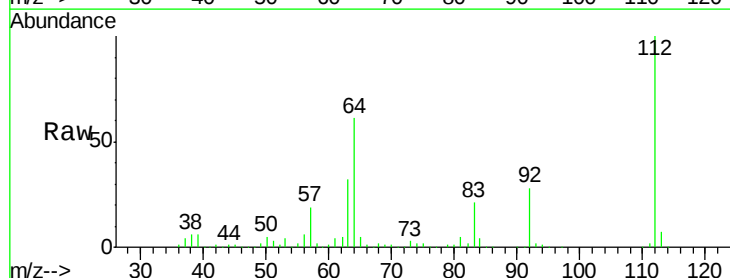
Tgt Ion:112 Resp: 396033

Ion Ratio Lower Upper

112 100

64 60.6 42.2 63.2

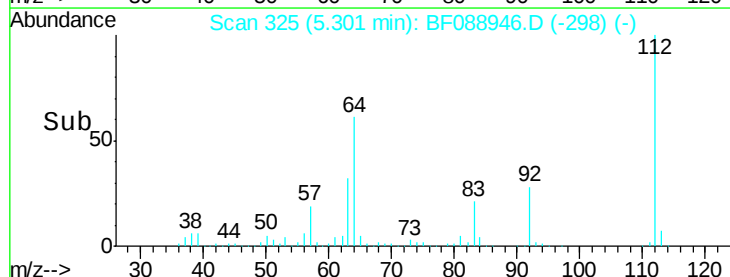
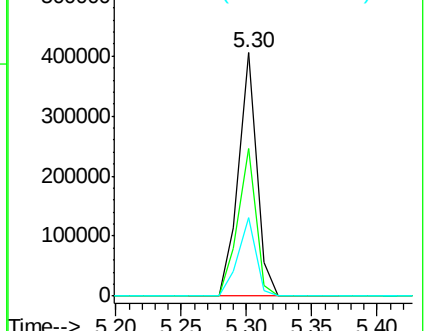
63 32.0 21.8 32.8



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: 104.14 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.00 min

Lab File: BF088946.D

Acq: 13 Jul 2016 5:50

Instrument :

BNA_F

ClientSampleId :

COMP-WALL-S-070816

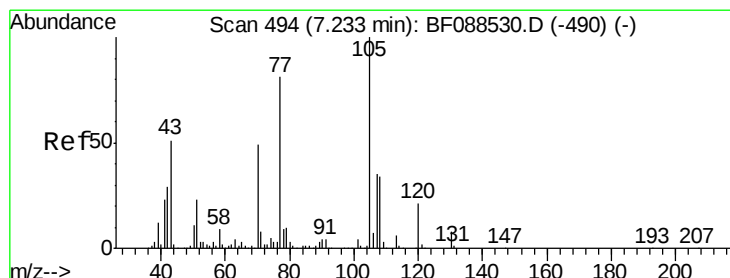
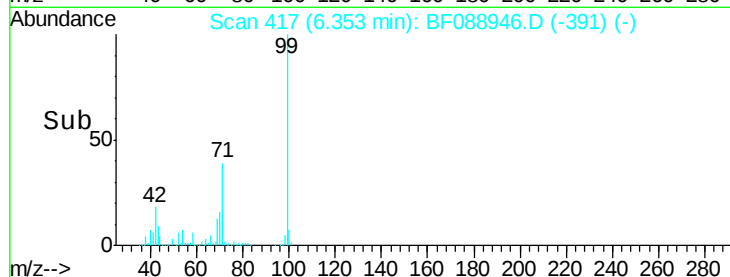
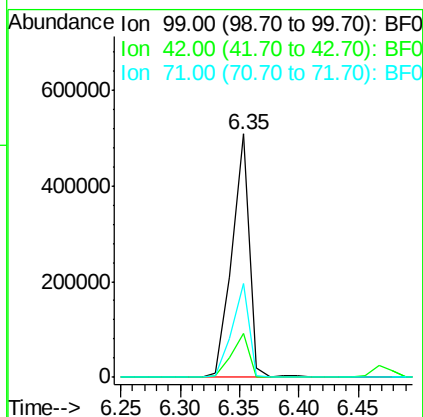
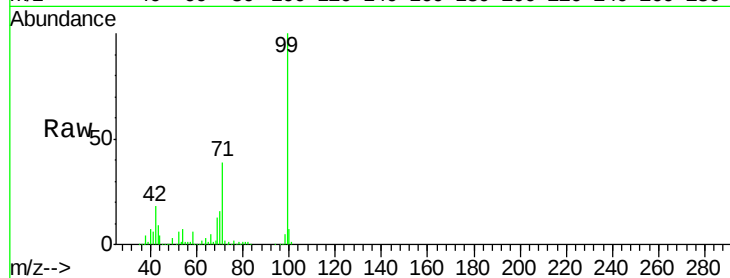
Tgt Ion: 99 Resp: 517423

Ion Ratio Lower Upper

99 100

42 18.2 12.2 18.2

71 38.5 23.4 35.0#



#19

n-Nitroso-di-n-propylamine

Concen: 12.62 ng

RT: 7.27 min Scan# 497

Delta R.T. 0.13 min

Lab File: BF088946.D

Acq: 13 Jul 2016 5:50

Tgt Ion: 70 Resp: 42106

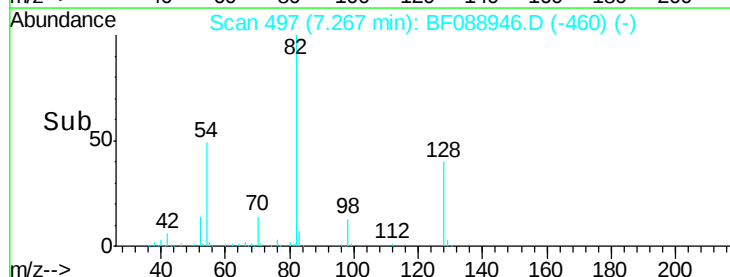
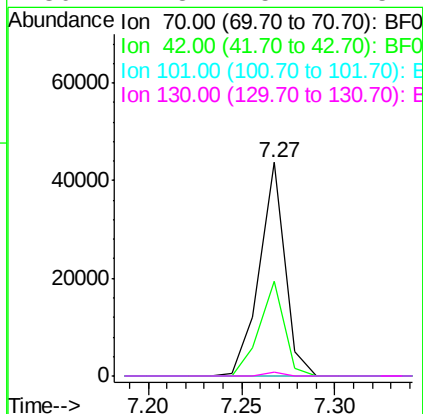
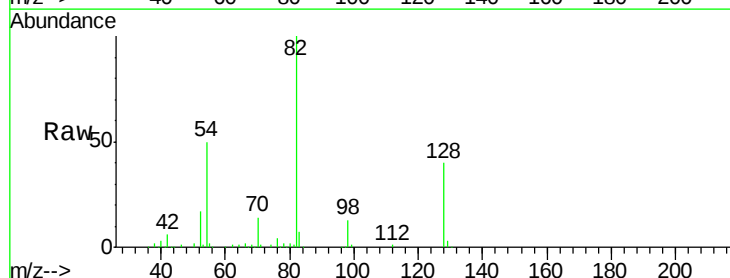
Ion Ratio Lower Upper

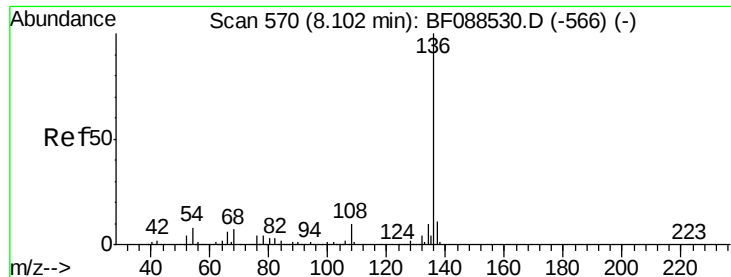
70 100

42 44.1 49.6 74.4#

101 0.0 7.1 10.7#

130 1.8 15.4 23.2#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088946.D

Acq: 13 Jul 2016 5:50

Instrument :

BNA_F

ClientSampleId :

COMP-WALL-S-070816

Tgt Ion: 136 Resp: 235025

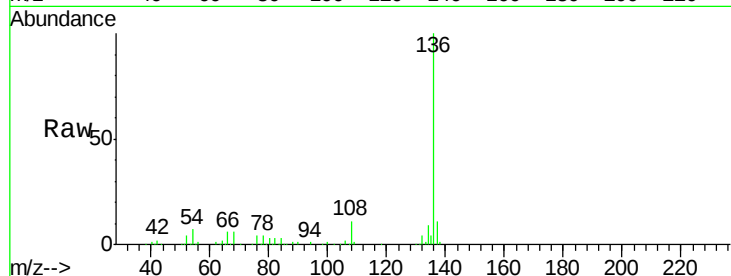
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.3 6.6 10.0

68 5.7 5.1 7.7

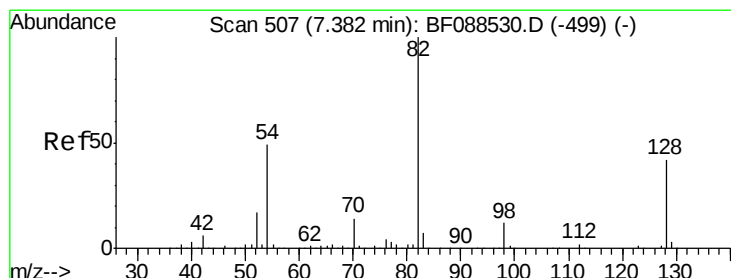
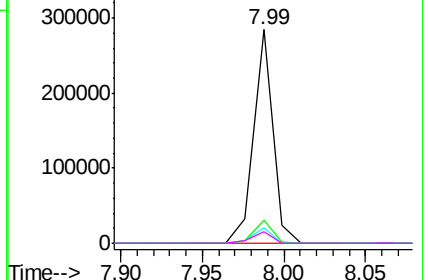
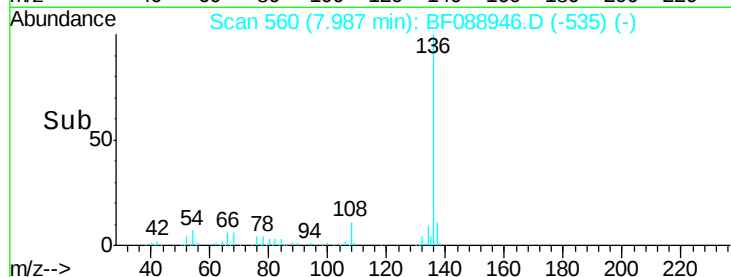


Abundance Ion 136.00 (135.70 to 136.70): E

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: 68.22 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.01 min

Lab File: BF088946.D

Acq: 13 Jul 2016 5:50

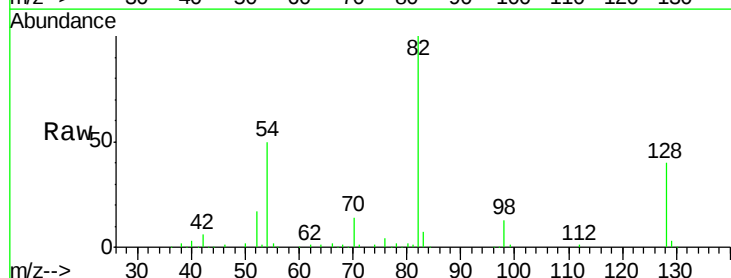
Tgt Ion: 82 Resp: 305959

Ion Ratio Lower Upper

82 100

128 39.9 35.9 53.9

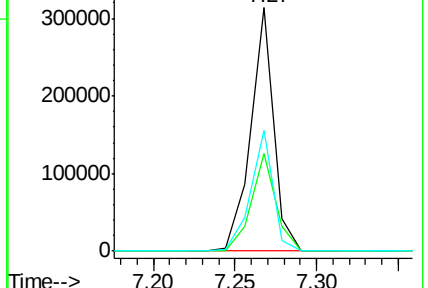
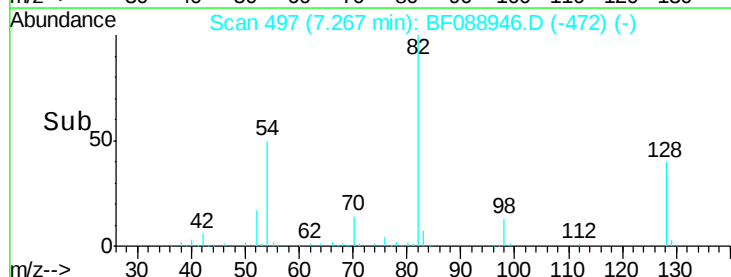
54 49.7 40.9 61.3

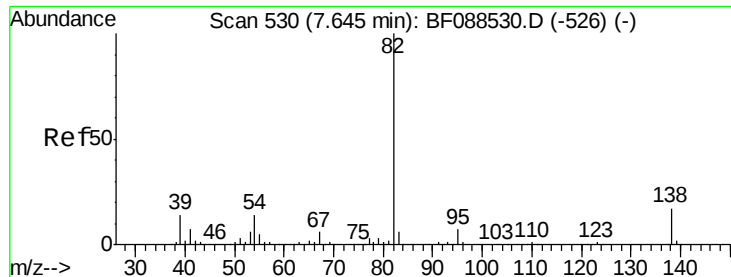


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 29.44 ng

RT: 7.27 min Scan# 497

Delta R.T. -0.27 min

Lab File: BF088946.D

Acq: 13 Jul 2016 5:50

Instrument :

BNA_F

ClientSampleId :

COMP-WALL-S-070816

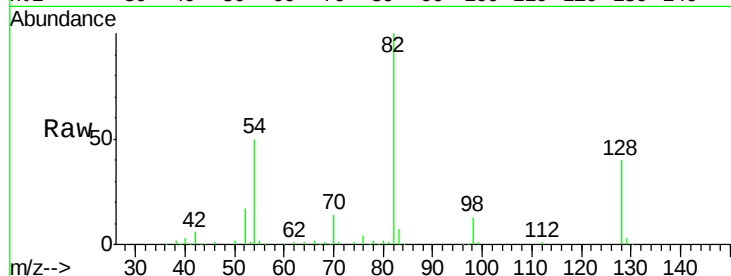
Tgt Ion: 82 Resp: 244541

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

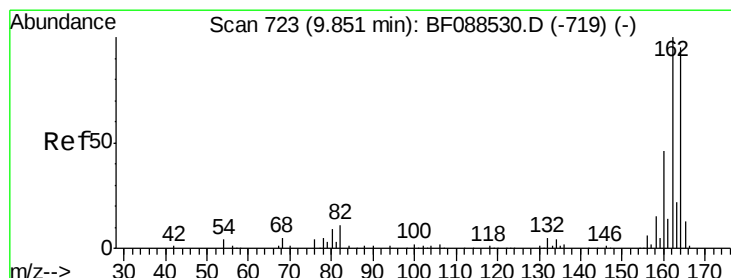
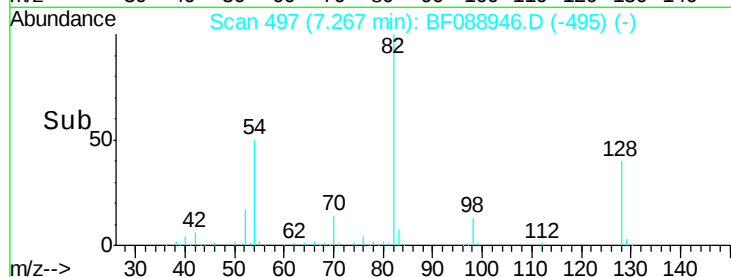
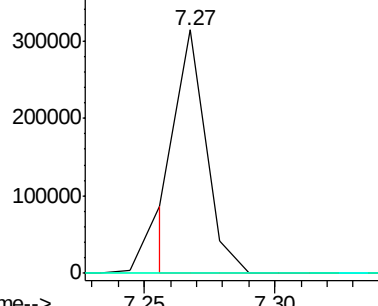
138 0.0 14.6 21.8#



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: 9.74 min Scan# 713

Delta R.T. -0.01 min

Lab File: BF088946.D

Acq: 13 Jul 2016 5:50

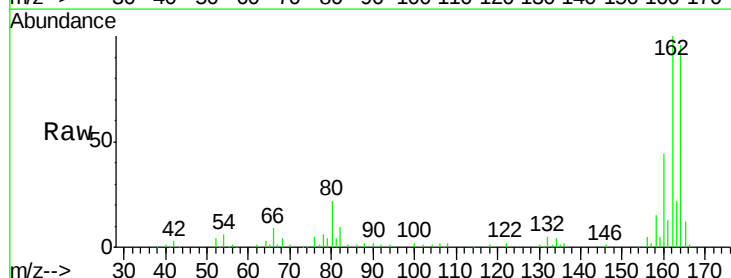
Tgt Ion: 164 Resp: 94498

Ion Ratio Lower Upper

164 100

162 104.0 85.4 128.2

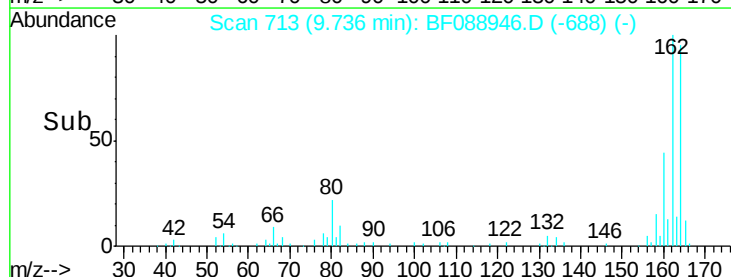
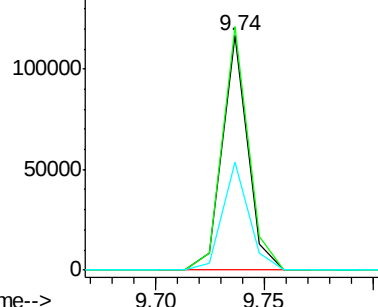
160 45.9 39.5 59.3

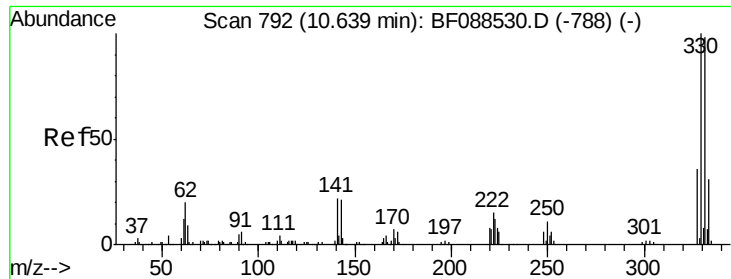


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

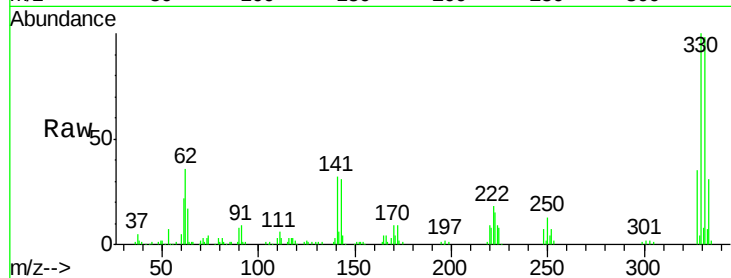




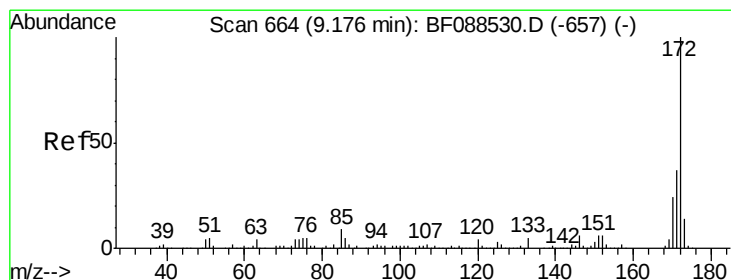
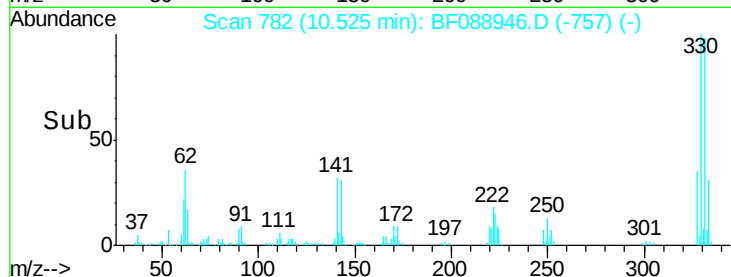
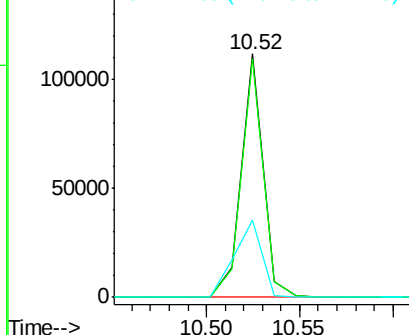
#41
 2,4,6-Tribromophenol
 Concen: 104.37 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088946.D
 Acq: 13 Jul 2016 5:50

Instrument :
 BNA_F
 ClientSampleId :
 COMP-WALL-S-070816

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.9	0.0	0.0#
141	40.1	0.0	0.0#

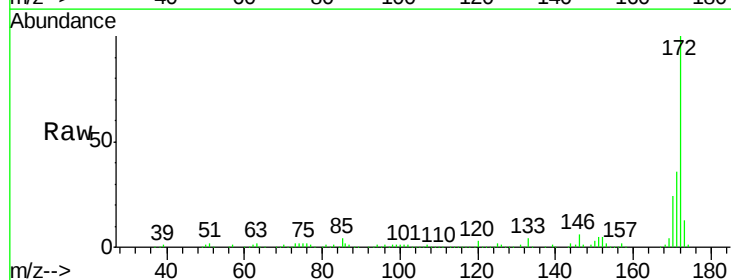


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

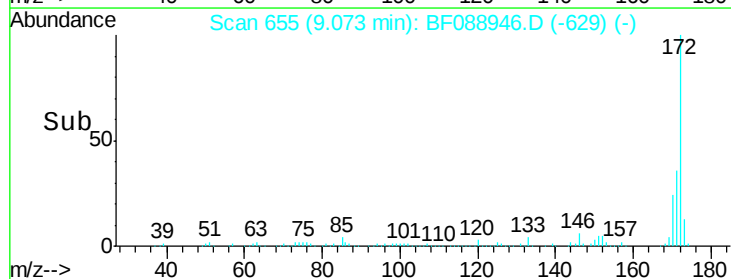
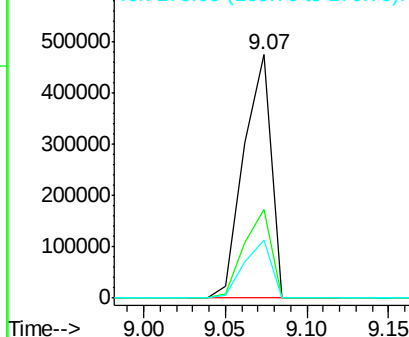


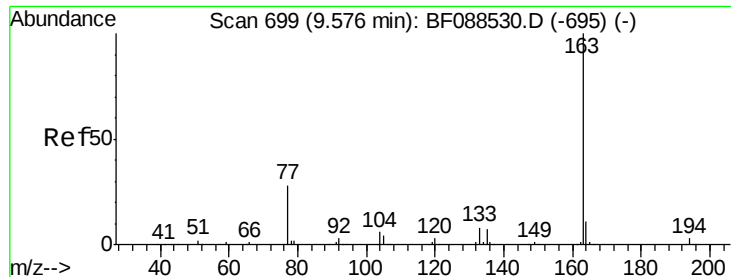
#44
 2-Fluorobiphenyl
 Concen: 92.09 ng
 RT: 9.07 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BF088946.D
 Acq: 13 Jul 2016 5:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	23.6	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: 18.02 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088946.D

Acq: 13 Jul 2016 5:50

Instrument :

BNA_F

ClientSampleId :

COMP-WALL-S-070816

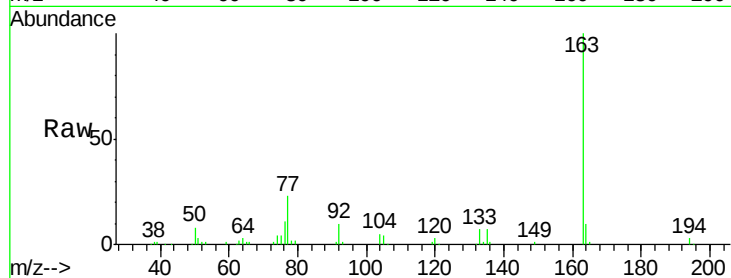
Tgt Ion:163 Resp: 121320

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

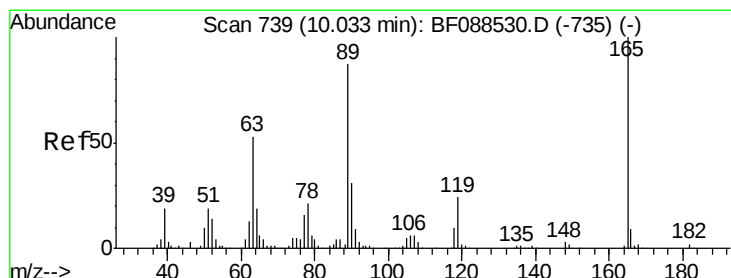
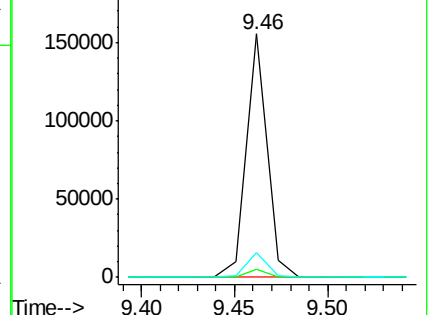
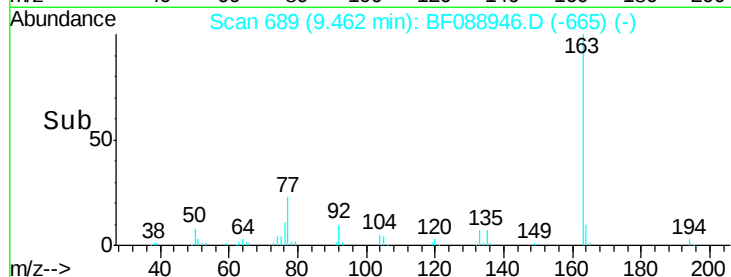
164 10.3 8.3 12.5



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: 9.74 min Scan# 713

Delta R.T. -0.21 min

Lab File: BF088946.D

Acq: 13 Jul 2016 5:50

Tgt Ion:165 Resp: 12053

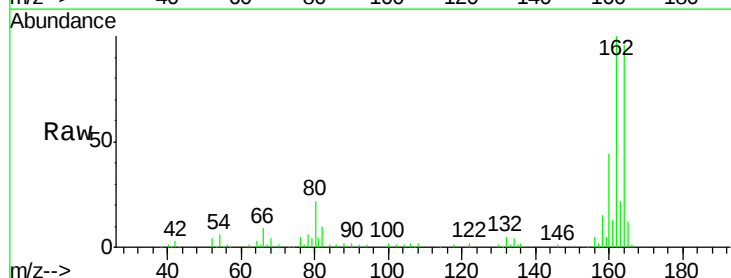
Ion Ratio Lower Upper

165 100

63 0.0 22.0 33.0#

89 0.0 41.1 61.7#

182 0.0 2.0 3.0#

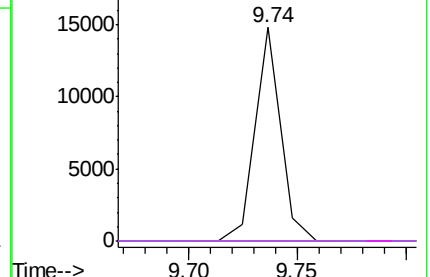
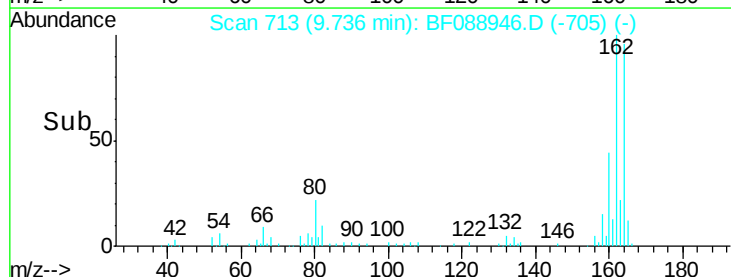


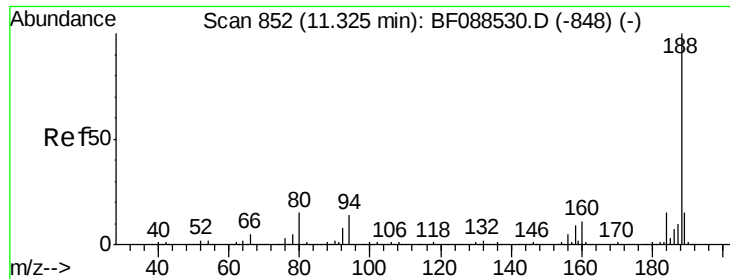
Abundance Ion 165.00 (164.70 to 165.70): E

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

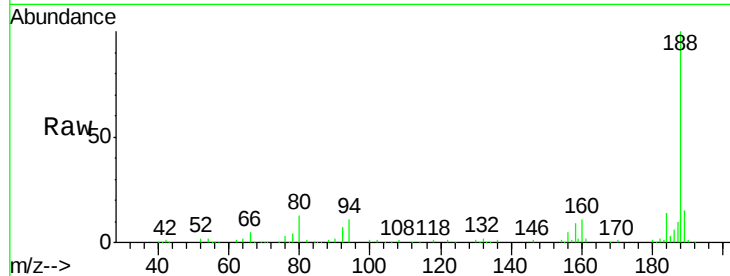




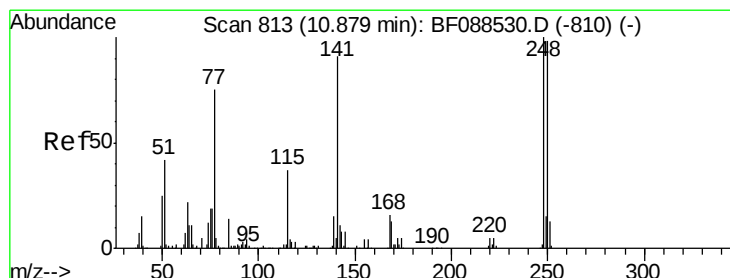
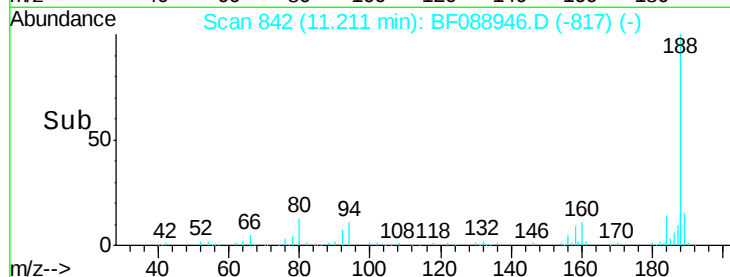
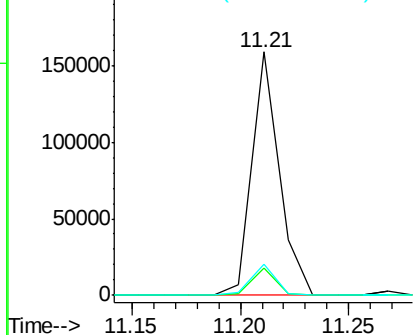
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.21 min Scan# 842
Delta R.T. -0.01 min
Lab File: BF088946.D
Acq: 13 Jul 2016 5:50

Instrument :
BNA_F
ClientSampleId :
COMP-WALL-S-070816

Tgt Ion:188 Resp: 138762
Ion Ratio Lower Upper
188 100
94 11.0 9.0 13.6
80 12.6 10.0 15.0

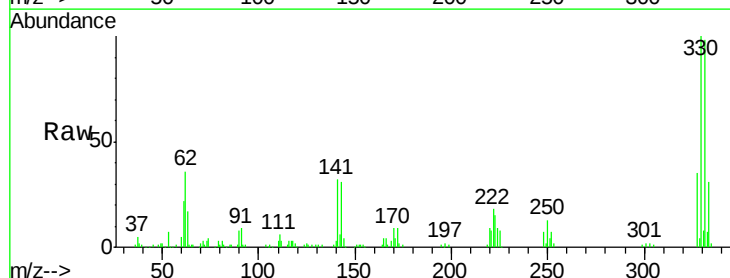


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

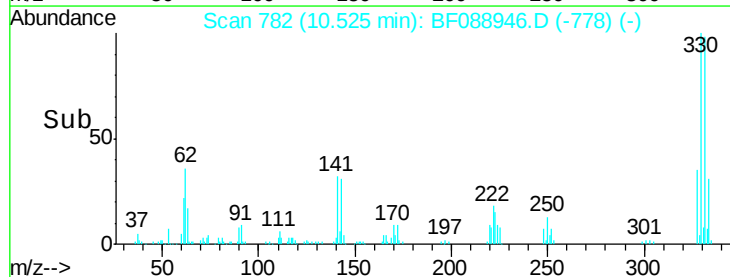
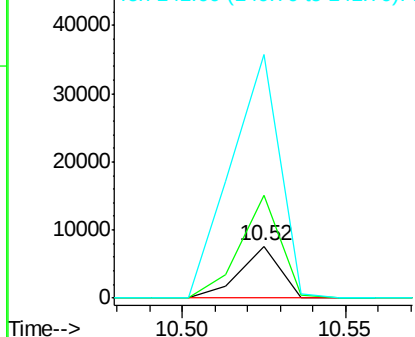


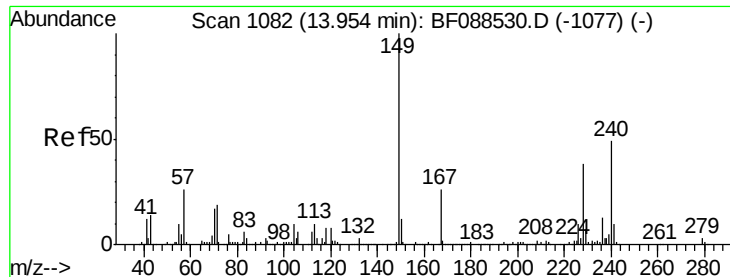
#66
4-Bromophenyl-phenylether
Concen: 4.59 ng
RT: 10.52 min Scan# 782
Delta R.T. -0.25 min
Lab File: BF088946.D
Acq: 13 Jul 2016 5:50

Tgt Ion:248 Resp: 6425
Ion Ratio Lower Upper
248 100
250 196.9 77.1 115.7#
141 467.8 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: 13.84 min Scan# 1072

Delta R.T. -0.01 min

Lab File: BF088946.D

Acq: 13 Jul 2016 5:50

Instrument :

BNA_F

ClientSampleId :

COMP-WALL-S-070816

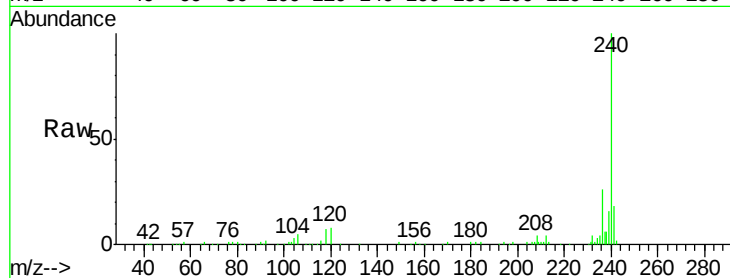
Tgt Ion:240 Resp: 127253

Ion Ratio Lower Upper

240 100

120 7.9 6.8 10.2

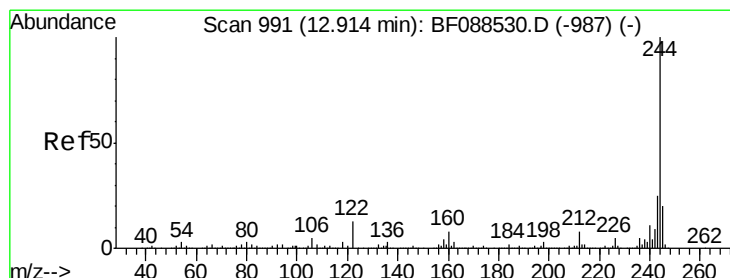
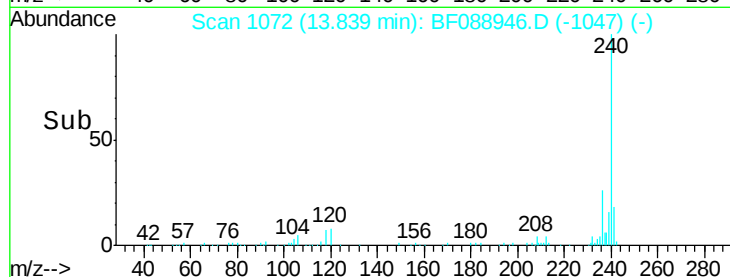
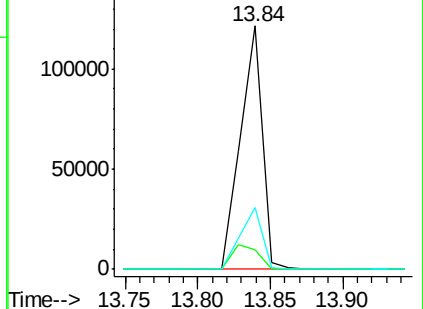
236 25.6 20.2 30.2



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: 58.24 ng

RT: 12.80 min Scan# 981

Delta R.T. 0.00 min

Lab File: BF088946.D

Acq: 13 Jul 2016 5:50

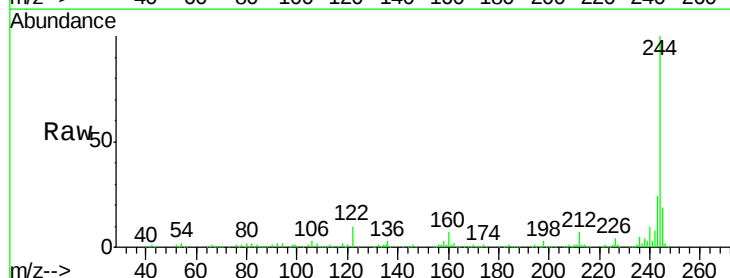
Tgt Ion:244 Resp: 332712

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

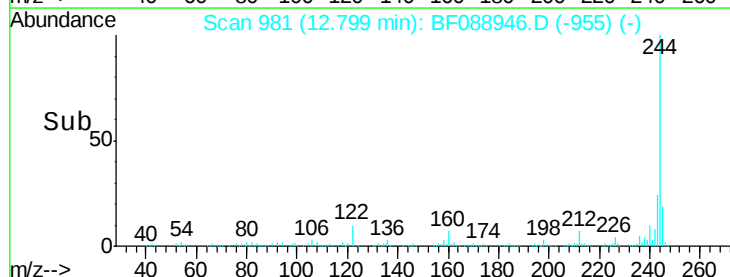
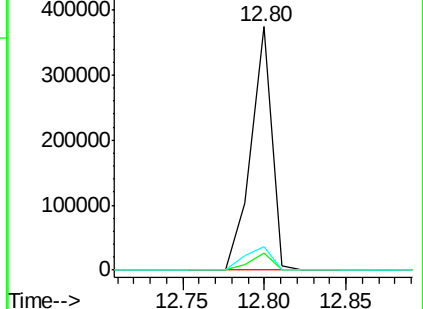
122 9.5 11.2 16.8#

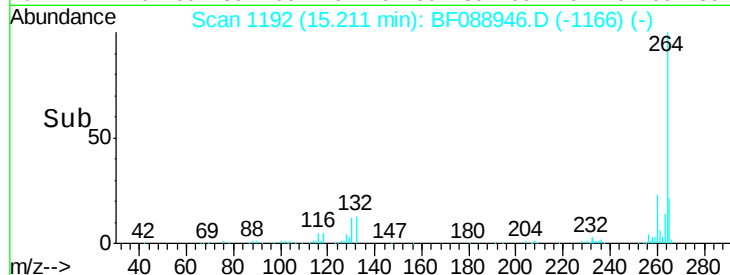
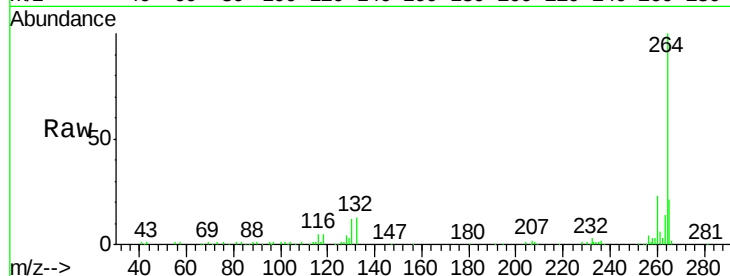
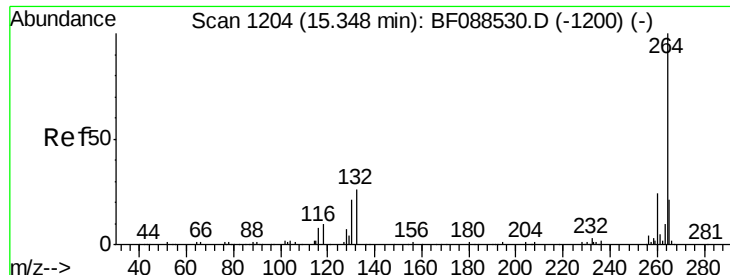


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.21 min Scan# 1192
Delta R.T. 0.00 min
Lab File: BF088946.D
Acq: 13 Jul 2016 5:50

Instrument :
BNA_F
ClientSampleId :
COMP-WALL-S-070816

Tgt Ion:	264	Resp:	106605
Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.2	28.8
265	21.2	16.9	25.3

