

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088668.D
 Acq On : 4 Jul 2016 1:16
 Operator : UM/SJ
 Sample : H3817-10
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:03:32 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

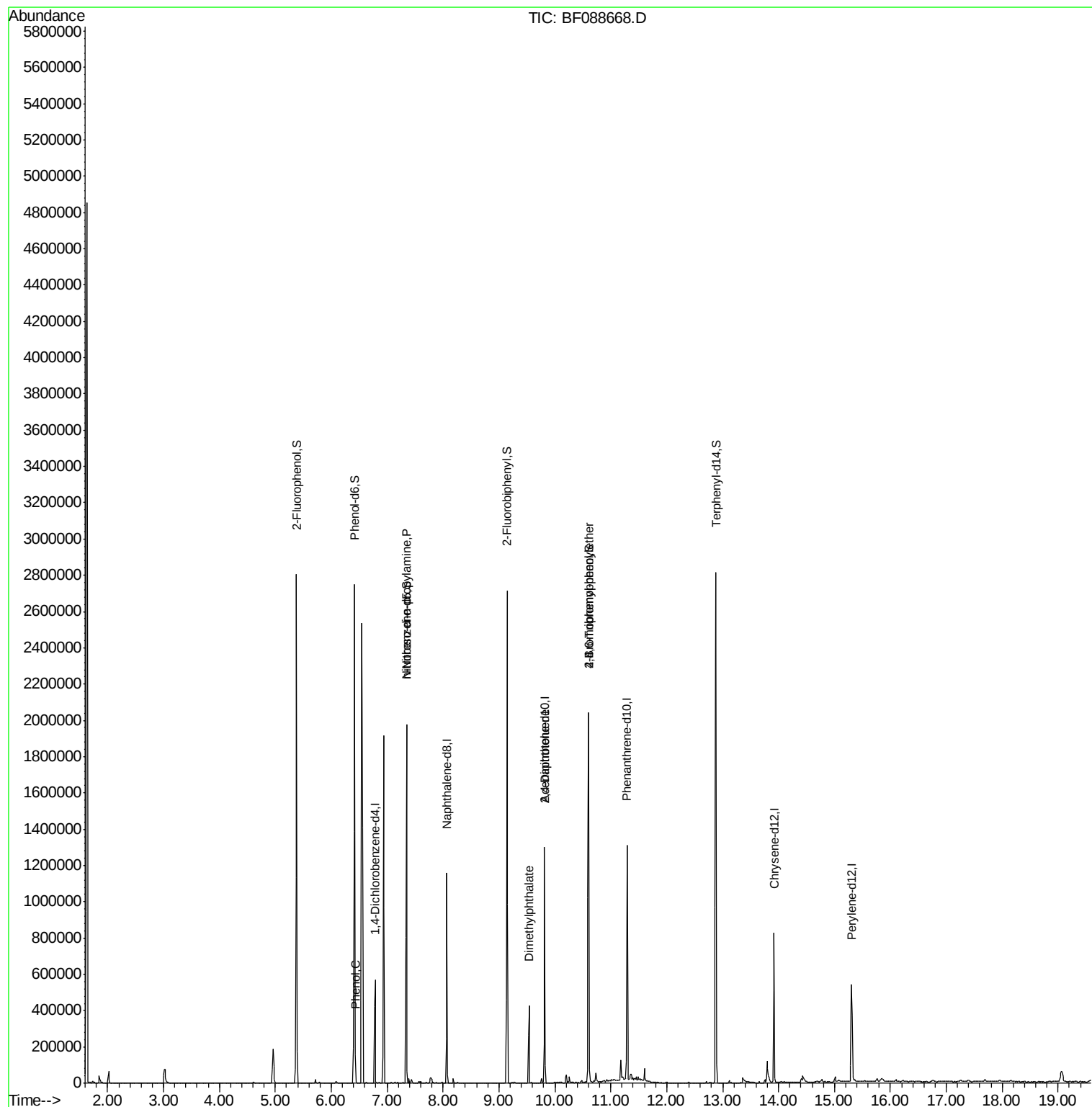
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	114848	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	480014	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	229607	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	416231	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	327964	20.00	ng	-0.03
86) Perylene-d12	15.30	264	254156	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	811498	105.90	ng	-0.02
7) Phenol-d6	6.42	99	1093897	110.47	ng	-0.02
23) Nitrobenzene-d5	7.35	82	707080	77.19	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	254152	119.20	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	960378	66.07	ng	-0.03
78) Terphenyl-d14	12.88	244	835089	56.71	ng	-0.03
Target Compounds						
10) Phenol	6.43	94	30769	2.72	ng	Qvalue 97
19) n-Nitroso-di-n-propylamine	7.35	70	96339	14.48	ng	# 73
49) Dimethylphthalate	9.54	163	222638	13.61	ng	98
56) 2,4-Dinitrotoluene	9.82	165	30009	6.33	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	18078	4.31	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: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088668.D

Acq: 4 Jul 2016 1:16

Instrument :

BNA_F

ClientSampled :

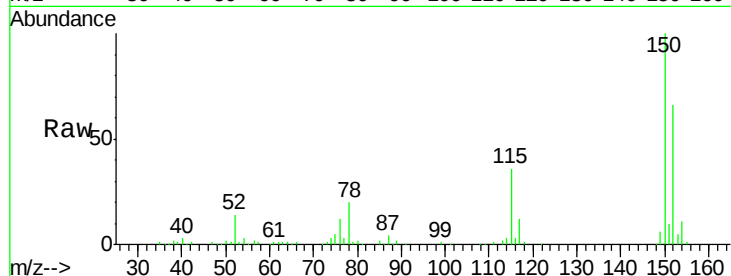
Tot Ion:152 Resp: 114848

Ion Ratio Lower Upper

152 100

150 152.0 123.8 185.6

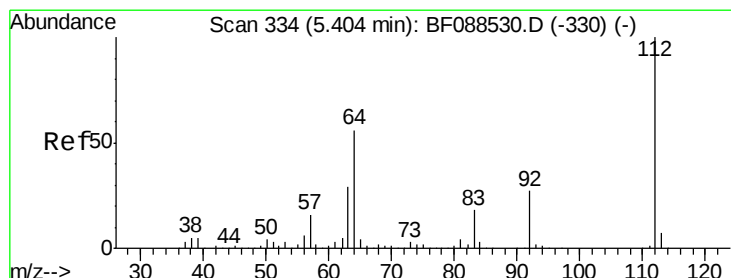
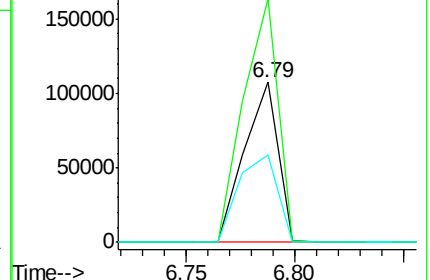
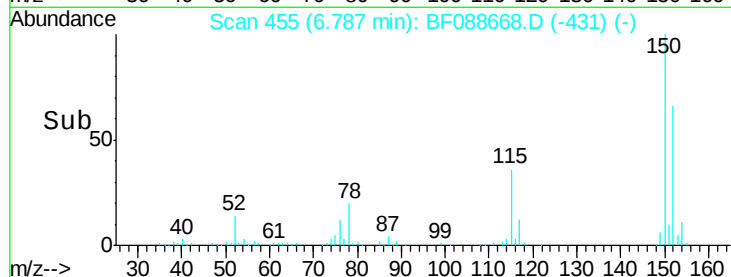
115 54.5 39.6 59.4



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: 105.90 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088668.D

Acq: 4 Jul 2016 1:16

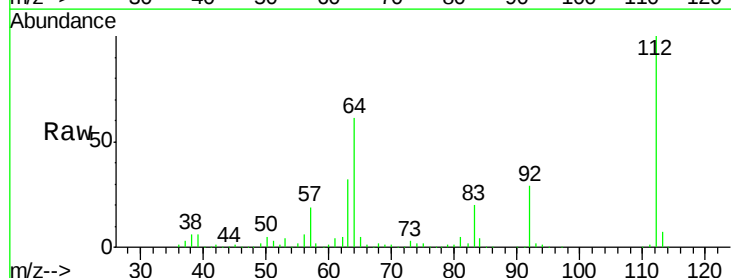
Tgt Ion:112 Resp: 811498

Ion Ratio Lower Upper

112 100

64 61.4 42.2 63.2

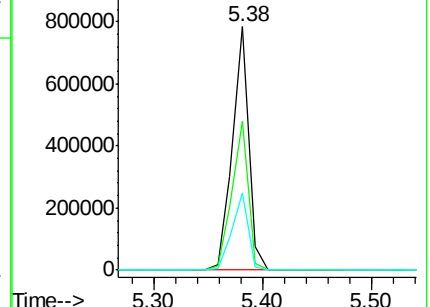
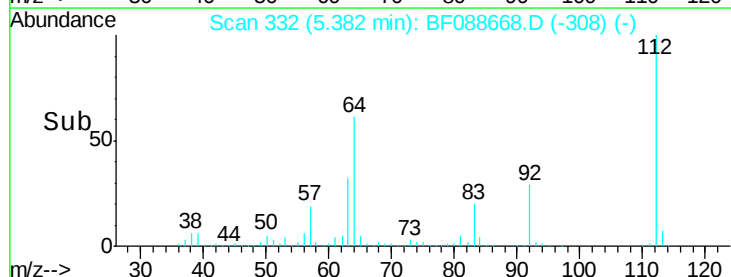
63 31.9 21.8 32.8



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: 110.47 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088668.D

Acq: 4 Jul 2016 1:16

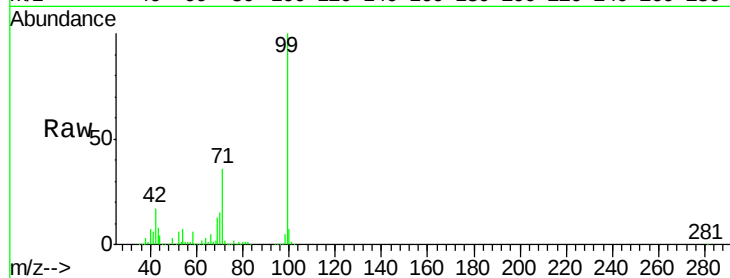
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1093897

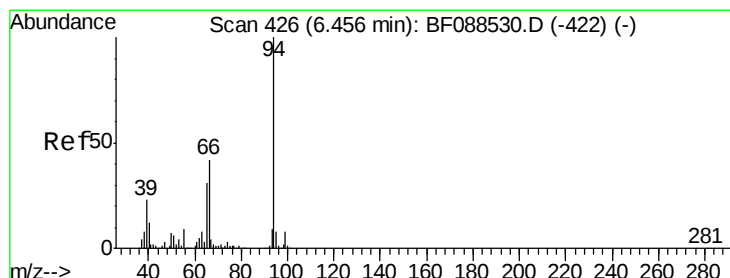
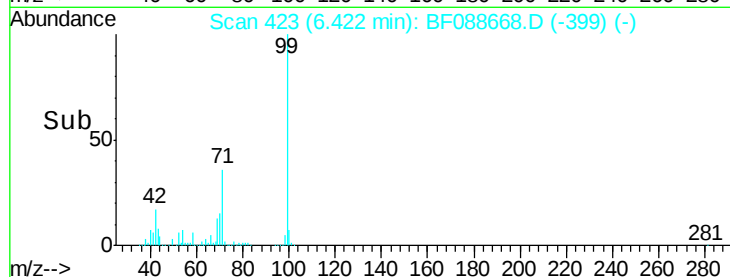
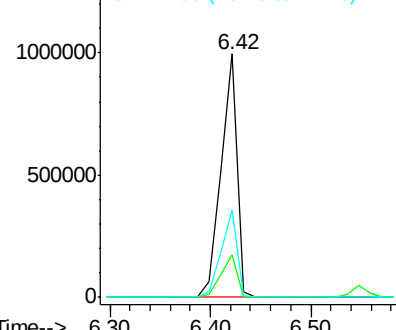
Ion	Ratio	Lower	Upper
99	100		
42	17.4	12.2	18.2
71	36.1	23.4	35.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.72 ng

RT: 6.43 min Scan# 424

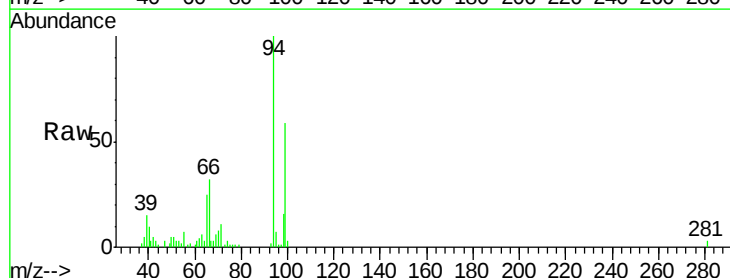
Delta R.T. -0.02 min

Lab File: BF088668.D

Acq: 4 Jul 2016 1:16

Tgt Ion: 94 Resp: 30769

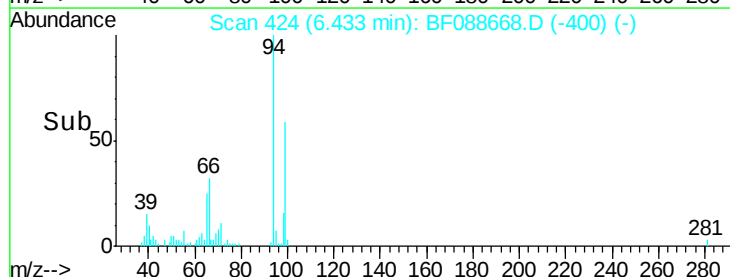
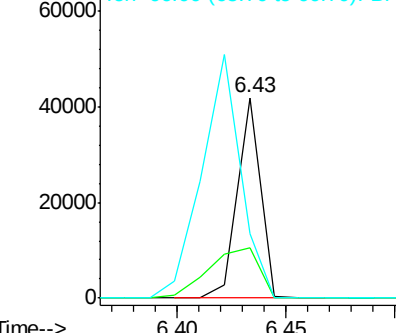
Ion	Ratio	Lower	Upper
94	100		
65	25.3	5.9	45.9
66	32.0	14.0	54.0

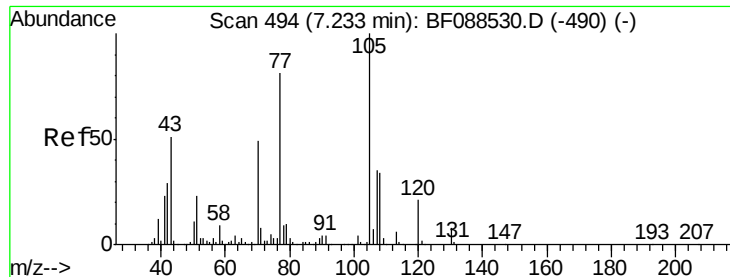


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.48 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088668.D

Acq: 4 Jul 2016 1:16

Instrument :

BNA_F

ClientSampled :

Tot Ion: 70 Resp: 96339

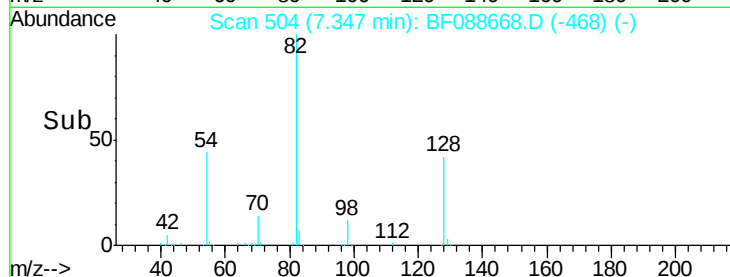
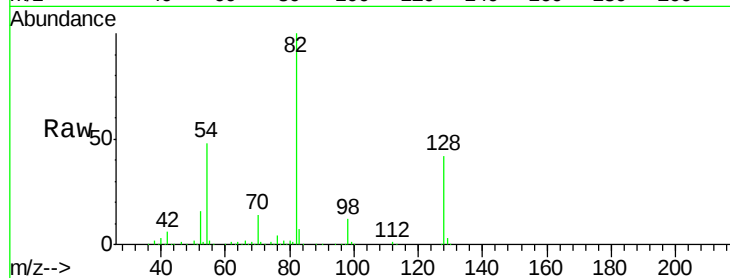
Ion Ratio Lower Upper

70 100

42 43.1 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#

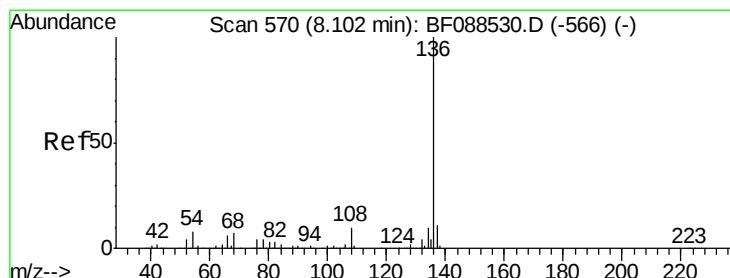
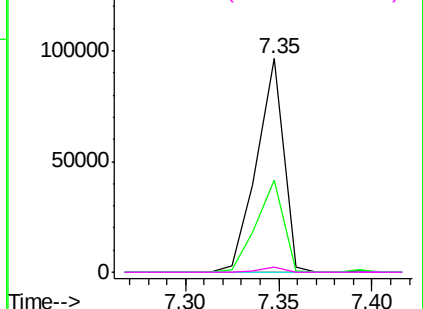


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088668.D

Acq: 4 Jul 2016 1:16

Tgt Ion:136 Resp: 480014

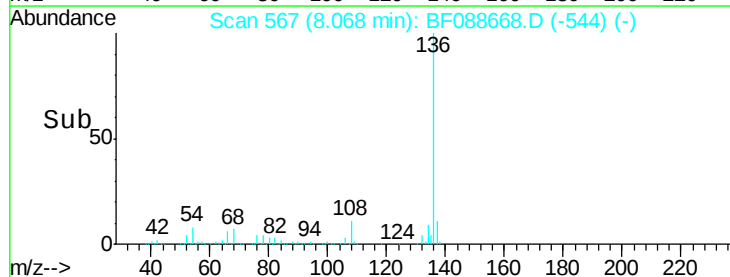
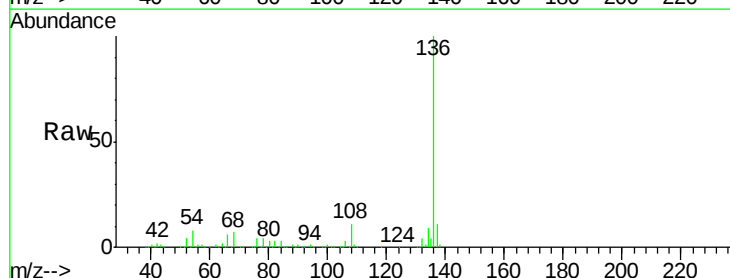
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.7 6.6 10.0

68 6.7 5.1 7.7

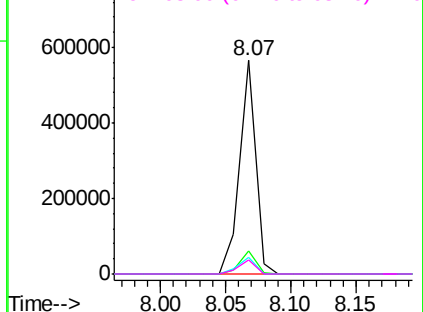


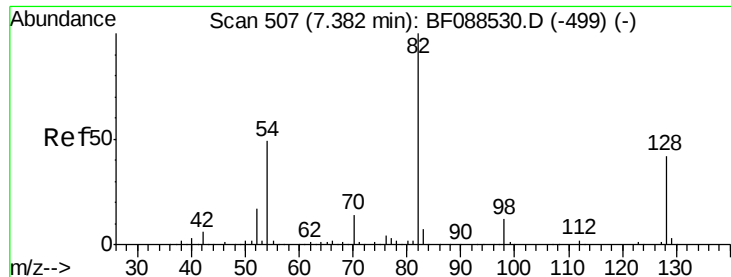
Abundance Ion 136.00 (135.70 to 136.70): E

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

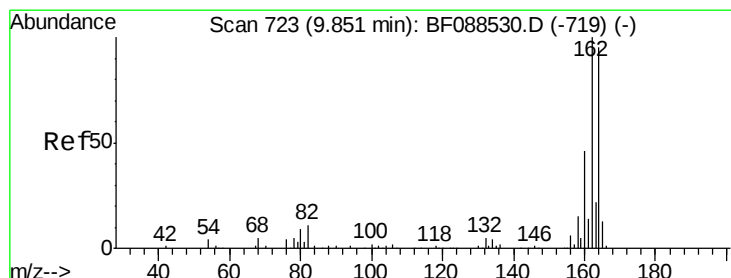
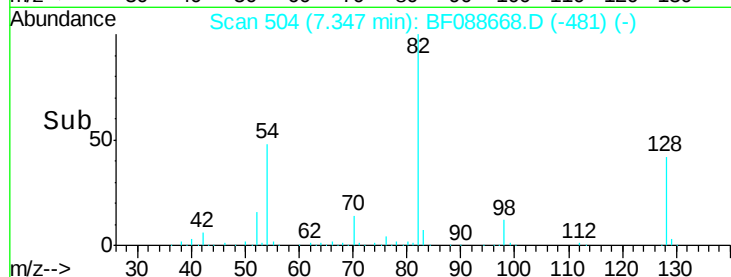
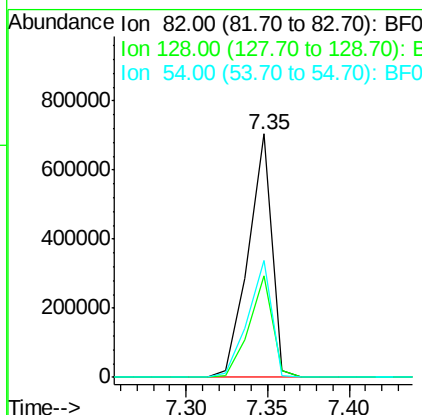
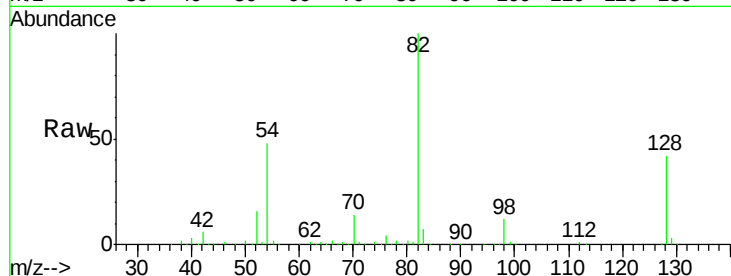




#23
 Nitrobenzene-d5
 Concen: 77.19 ng
 RT: 7.35 min Scan# 504
 Delta R.T. -0.03 min
 Lab File: BF088668.D
 Acq: 4 Jul 2016 1:16

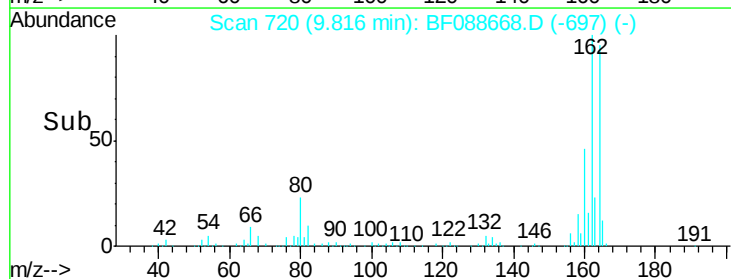
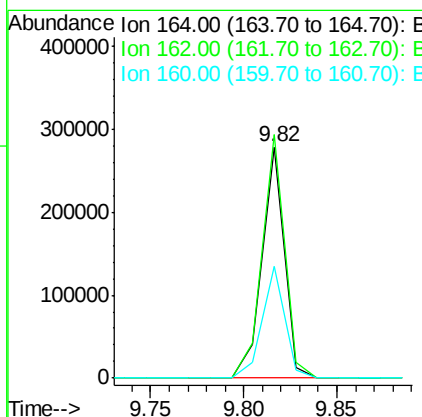
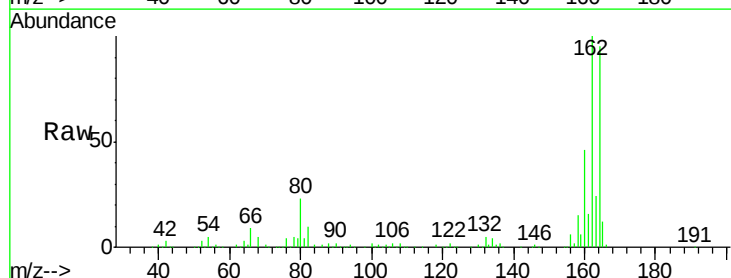
Instrument :
 BNA_F
 ClientSampled :

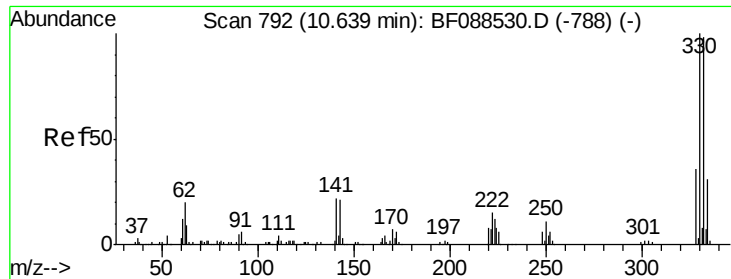
Tot Ion: 82 Resp: 707080
 Ion Ratio Lower Upper
 82 100
 128 41.6 35.9 53.9
 54 47.8 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.03 min
 Lab File: BF088668.D
 Acq: 4 Jul 2016 1:16

Tgt Ion:164 Resp: 229607
 Ion Ratio Lower Upper
 164 100
 162 105.2 85.4 128.2
 160 48.0 39.5 59.3

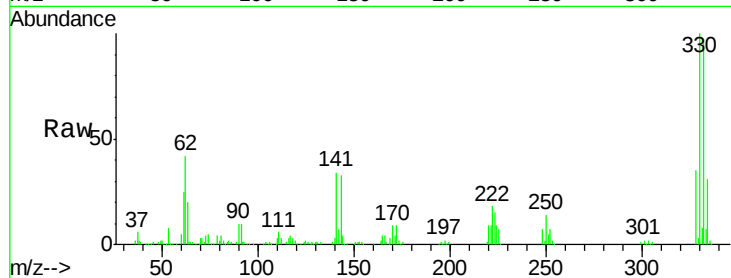




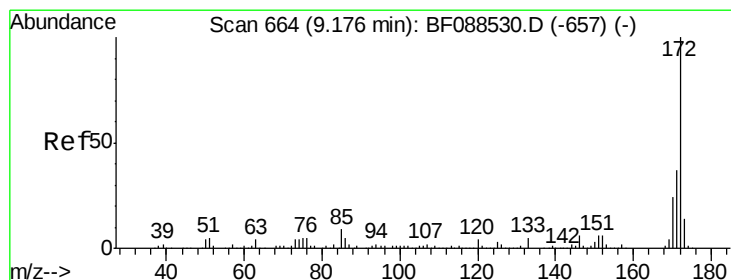
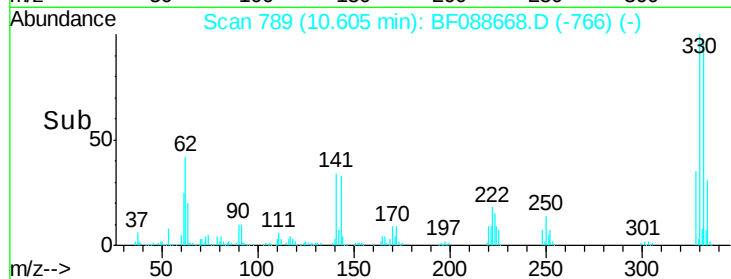
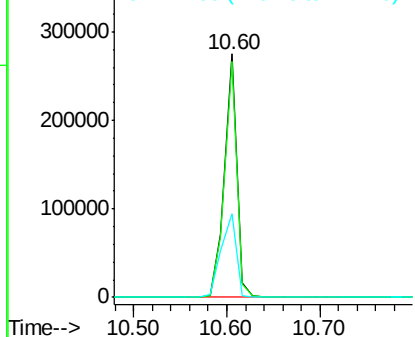
#41
 2,4,6-Tribromophenol
 Concen: 119.20 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088668.D
 Acq: 4 Jul 2016 1:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	0.0	0.0#
141	41.7	0.0	0.0#

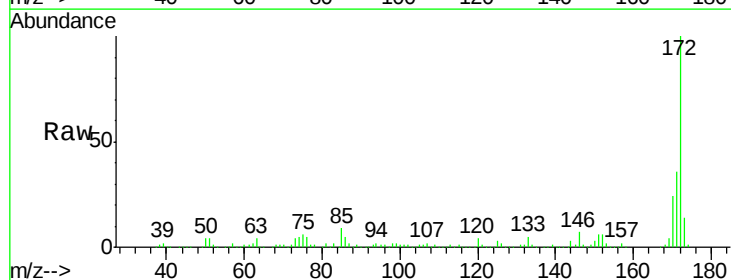


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

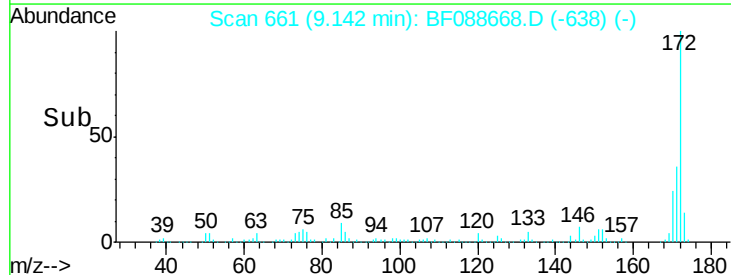
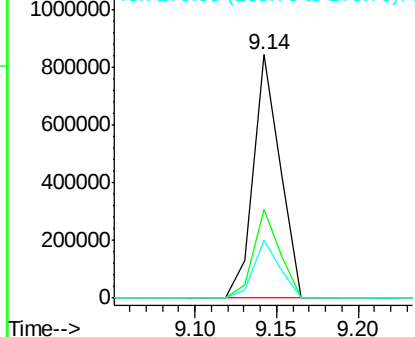


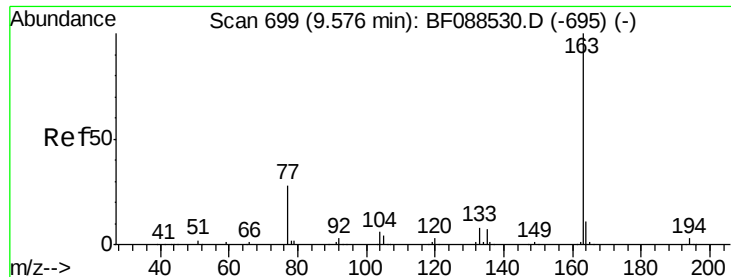
#44
 2-Fluorobiphenyl
 Concen: 66.07 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088668.D
 Acq: 4 Jul 2016 1:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.6	43.0
170	24.0	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

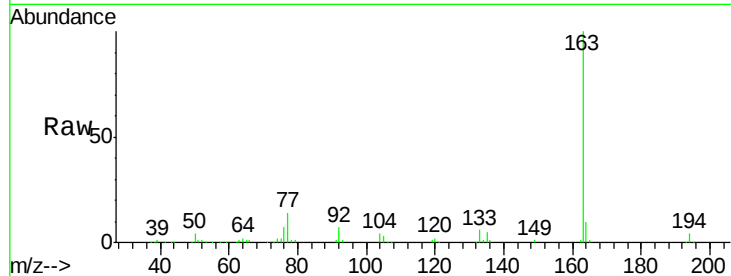




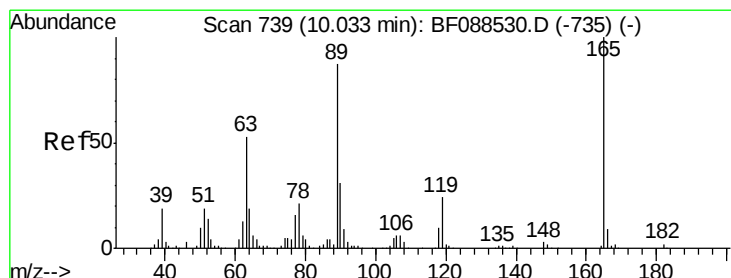
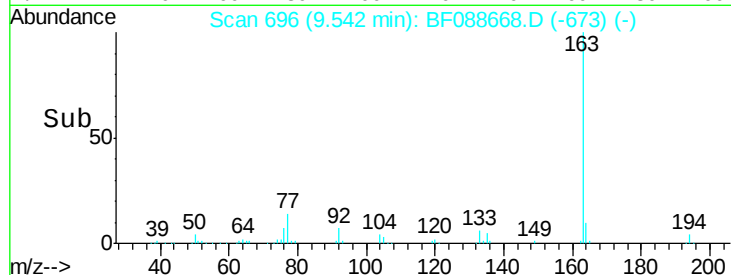
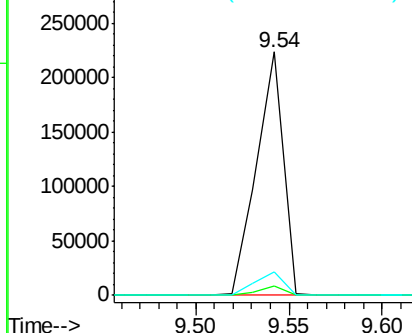
#49
Dimethylphthalate
Concen: 13.61 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088668.D
Acq: 4 Jul 2016 1:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 222638
Ion Ratio Lower Upper
163 100
194 3.8 2.8 4.2
164 9.7 8.3 12.5

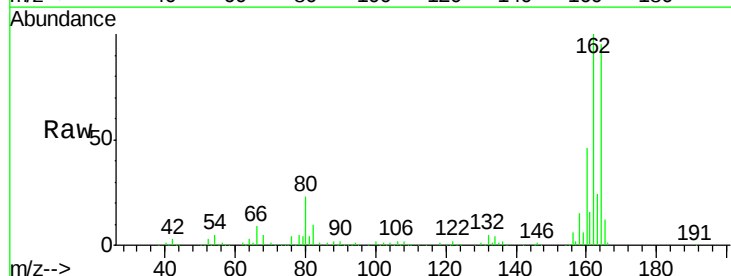


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

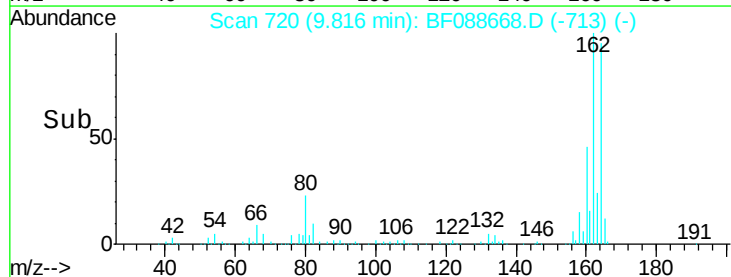
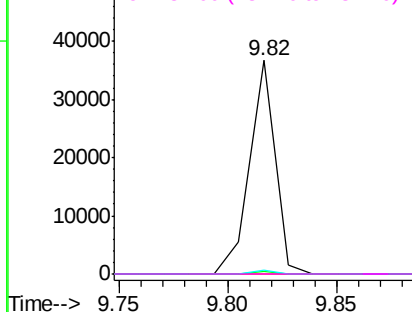


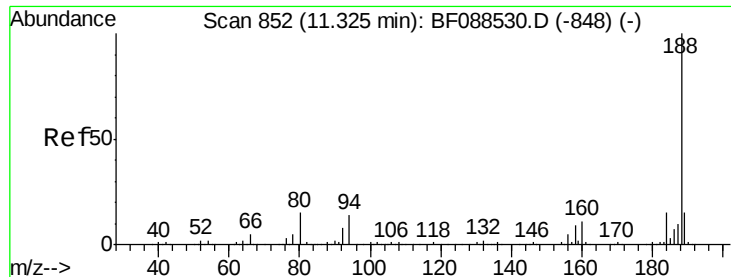
#56
2,4-Dinitrotoluene
Concen: 6.33 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.22 min
Lab File: BF088668.D
Acq: 4 Jul 2016 1:16

Tgt Ion:165 Resp: 30009
Ion Ratio Lower Upper
165 100
63 1.4 22.0 33.0#
89 1.6 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

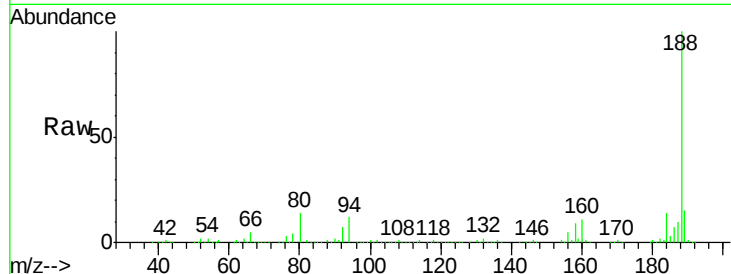




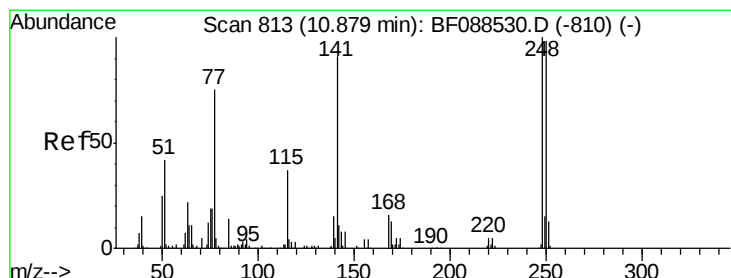
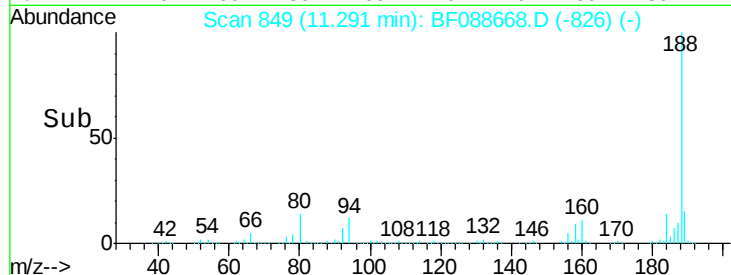
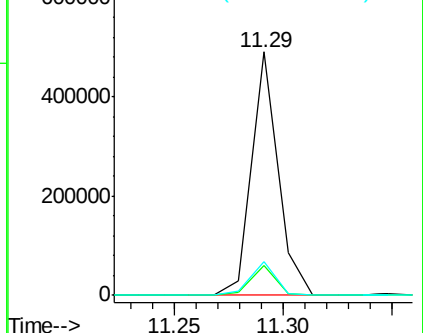
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088668.D
Acq: 4 Jul 2016 1:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 416231
Ion Ratio Lower Upper
188 100
94 12.5 9.0 13.6
80 14.0 10.0 15.0

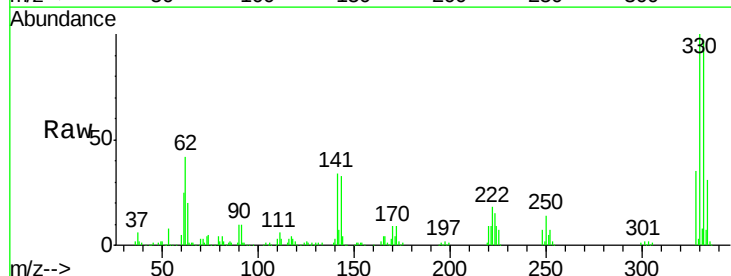


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

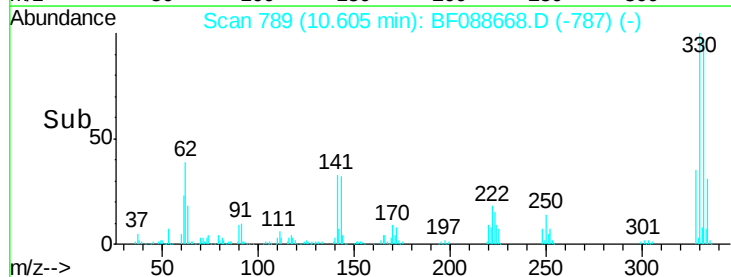
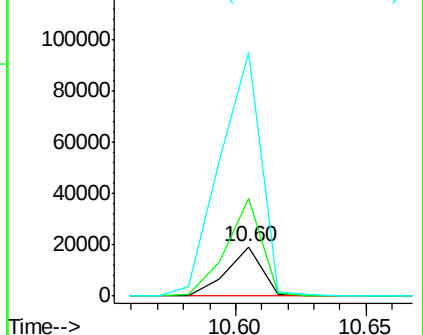


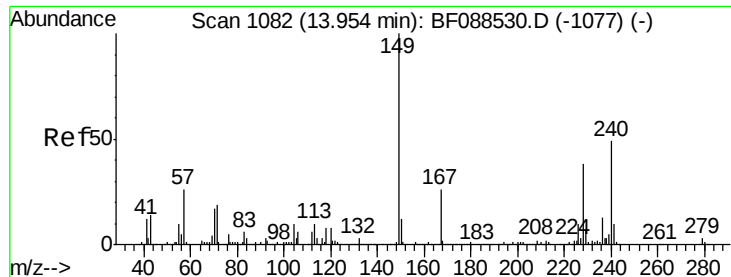
#66
4-Bromophenyl-phenylether
Concen: 4.31 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088668.D
Acq: 4 Jul 2016 1:16

Tgt Ion:248 Resp: 18078
Ion Ratio Lower Upper
248 100
250 198.8 77.1 115.7#
141 495.2 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: 13.92 min Scan# 1079

Delta R.T. -0.03 min

Lab File: BF088668.D

Acq: 4 Jul 2016 1:16

Instrument :

BNA_F

ClientSampleId :

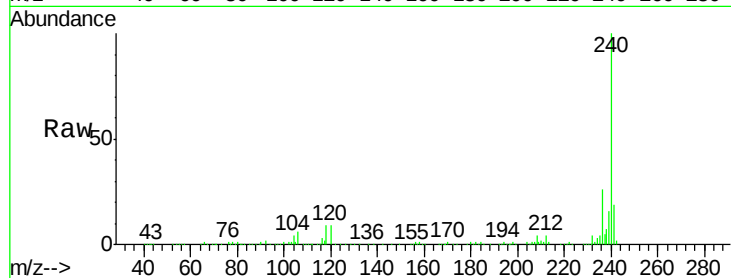
Tot Ion:240 Resp: 327964

Ion Ratio Lower Upper

240 100

120 9.5 6.8 10.2

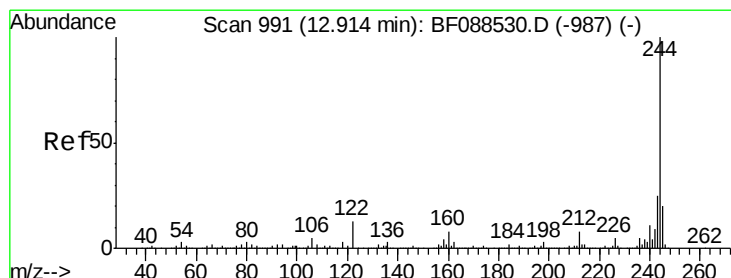
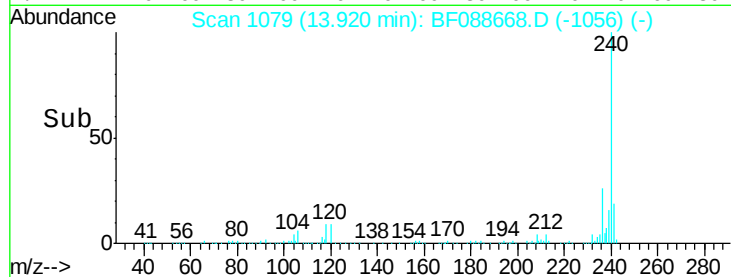
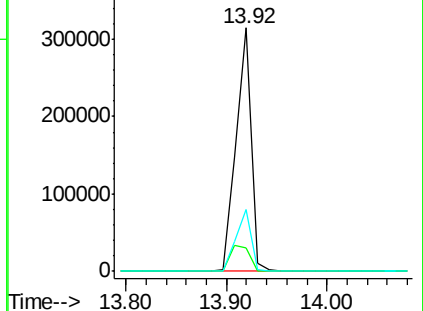
236 25.7 20.2 30.2



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: 56.71 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088668.D

Acq: 4 Jul 2016 1:16

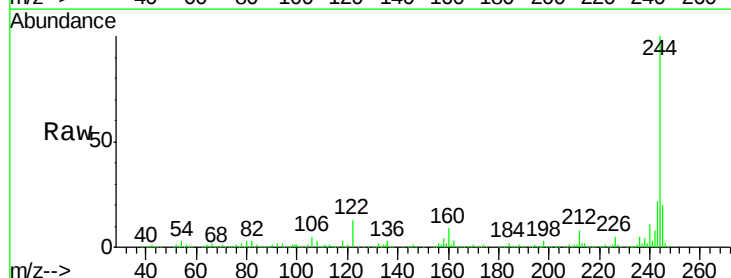
Tgt Ion:244 Resp: 835089

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

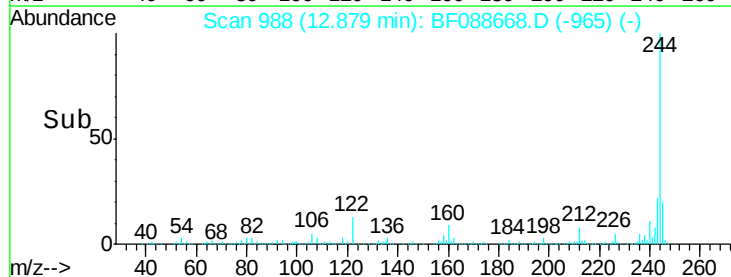
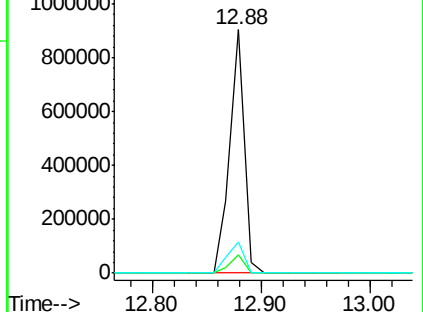
122 13.0 11.2 16.8

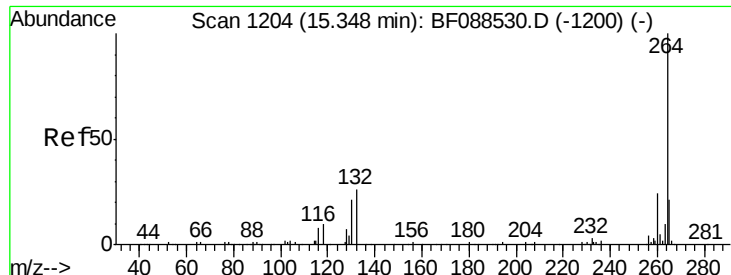


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1200
 Delta R.T. -0.05 min
 Lab File: BF088668.D
 Acq: 4 Jul 2016 1:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.3	16.9	25.3

