

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088672.D
 Acq On : 4 Jul 2016 3:12
 Operator : UM/SJ
 Sample : H3848-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:04:23 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

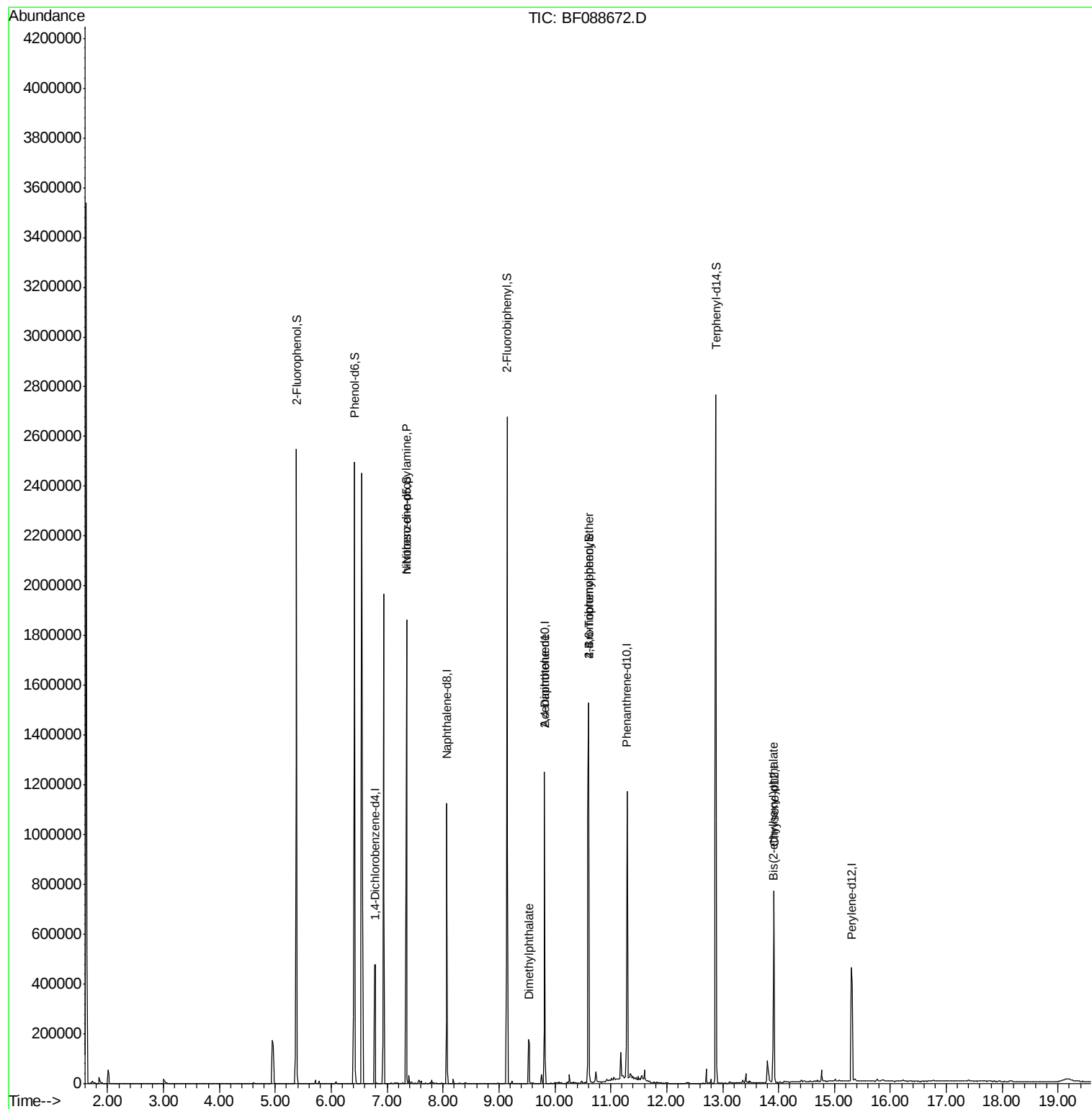
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	110032	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	471469	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	225721	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	376164	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	300899	20.00	ng	-0.03
86) Perylene-d12	15.31	264	236515	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	772131	105.17	ng	-0.02
7) Phenol-d6	6.42	99	1101644	116.13	ng	-0.02
23) Nitrobenzene-d5	7.35	82	662452	73.63	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	232637	110.99	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	950897	66.54	ng	-0.03
78) Terphenyl-d14	12.88	244	842342	62.35	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	91716	14.39	ng	# 72
49) Dimethylphthalate	9.54	163	105401	6.55	ng	98
56) 2,4-Dinitrotoluene	9.82	165	28383	6.09	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	15603	4.12	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.91	149	87712	6.75	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: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088672.D

Acq: 4 Jul 2016 3:12

Instrument :

BNA_F

ClientSampleId :

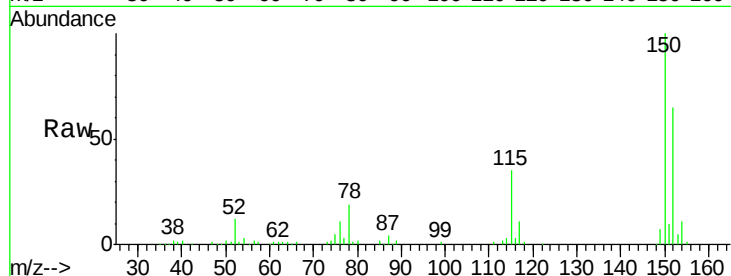
Tot Ion:152 Resp: 110032

Ion Ratio Lower Upper

152 100

150 153.3 123.8 185.6

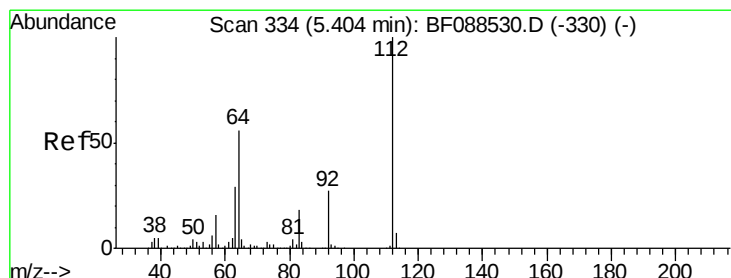
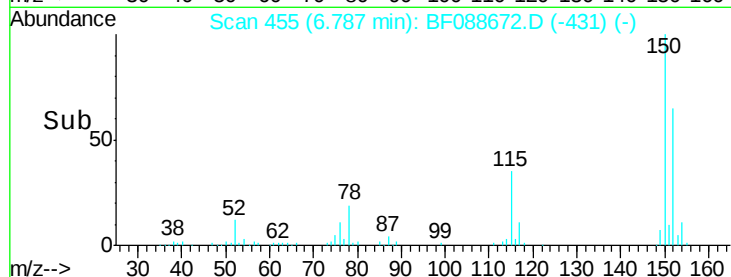
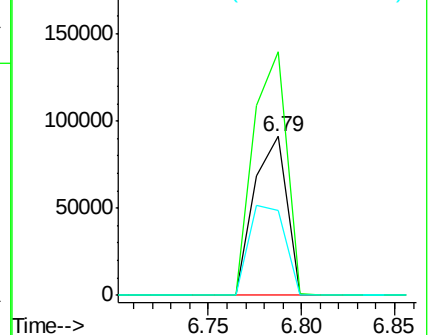
115 53.8 39.6 59.4



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: 105.17 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088672.D

Acq: 4 Jul 2016 3:12

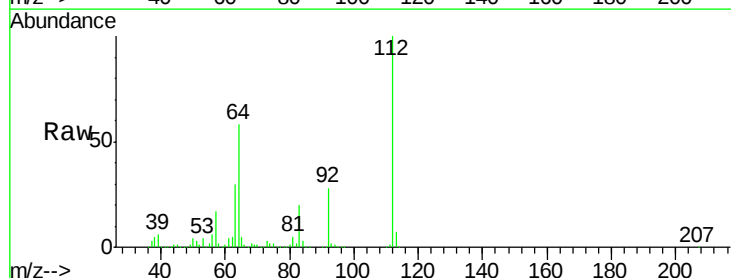
Tgt Ion:112 Resp: 772131

Ion Ratio Lower Upper

112 100

64 58.2 42.2 63.2

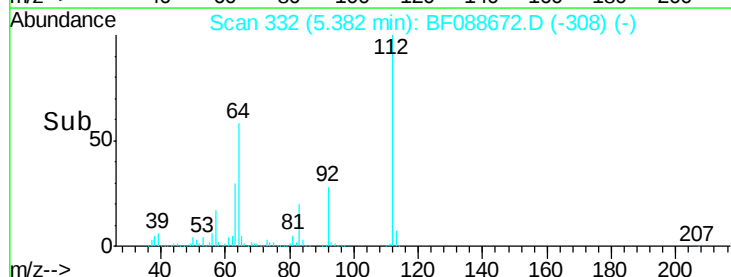
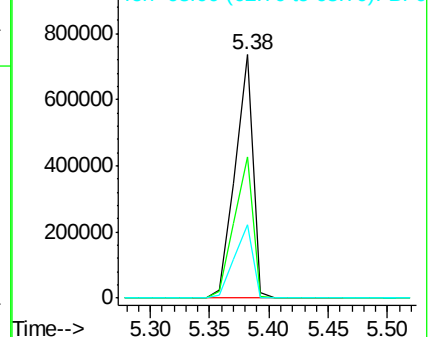
63 30.3 21.8 32.8



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: 116.13 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088672.D

Acq: 4 Jul 2016 3:12

Instrument :

BNA_F

ClientSampleId :

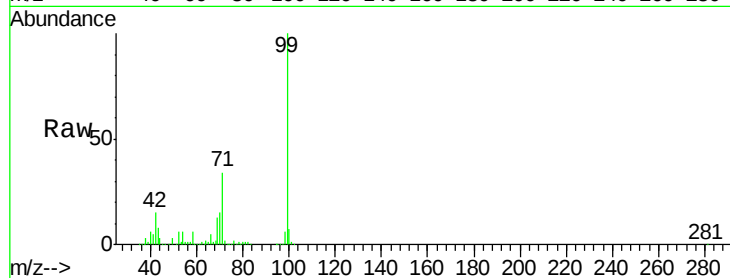
Tot Ion: 99 Resp: 1101644

Ion Ratio Lower Upper

99 100

42 15.3 12.2 18.2

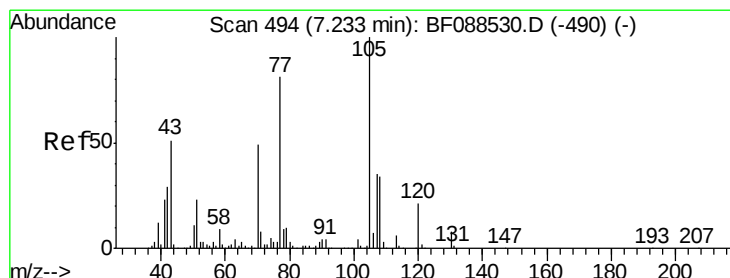
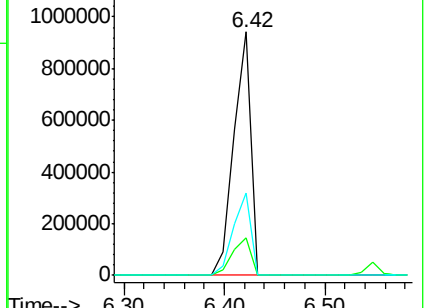
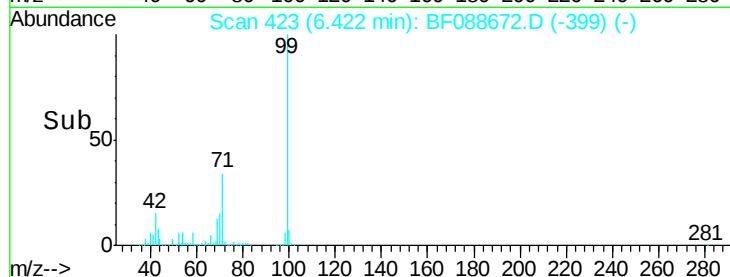
71 33.9 23.4 35.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 14.39 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088672.D

Acq: 4 Jul 2016 3:12

Tgt Ion: 70 Resp: 91716

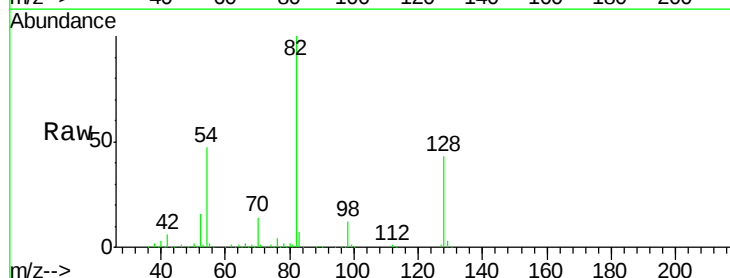
Ion Ratio Lower Upper

70 100

42 41.9 49.6 74.4#

101 0.0 7.1 10.7#

130 2.2 15.4 23.2#

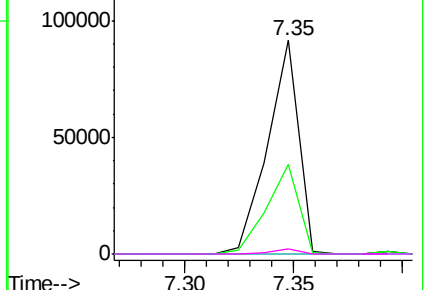
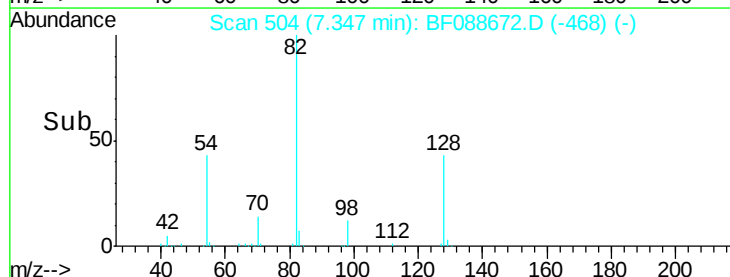


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088672.D

Acq: 4 Jul 2016 3:12

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 471469

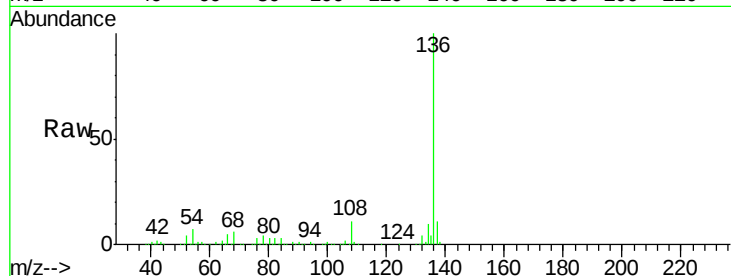
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 7.4 6.6 10.0

68 6.5 5.1 7.7

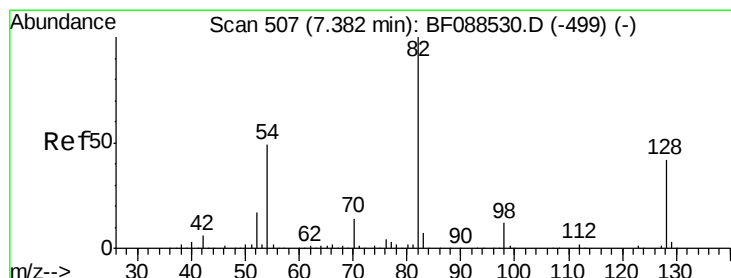
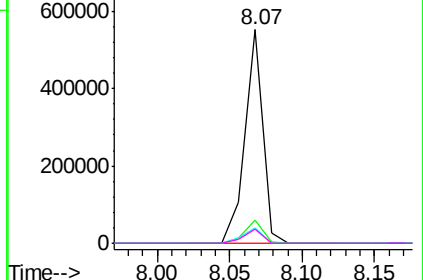
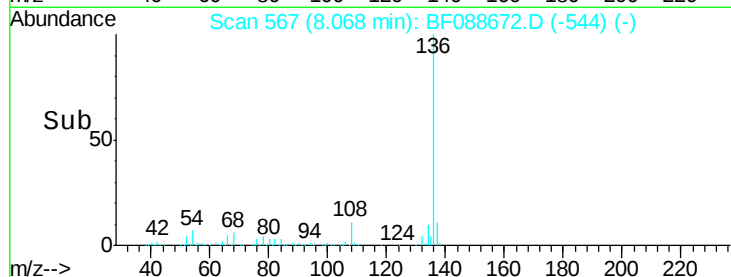


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.63 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF088672.D

Acq: 4 Jul 2016 3:12

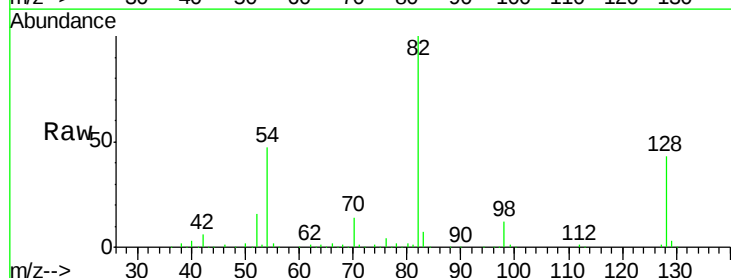
Tgt Ion: 82 Resp: 662452

Ion Ratio Lower Upper

82 100

128 42.7 35.9 53.9

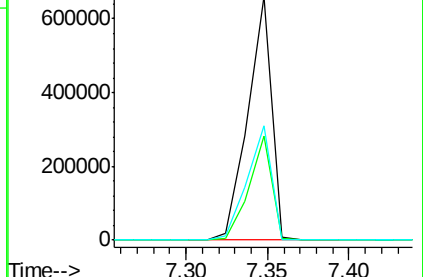
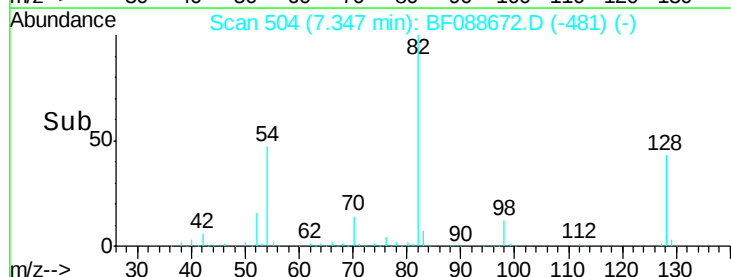
54 47.1 40.9 61.3

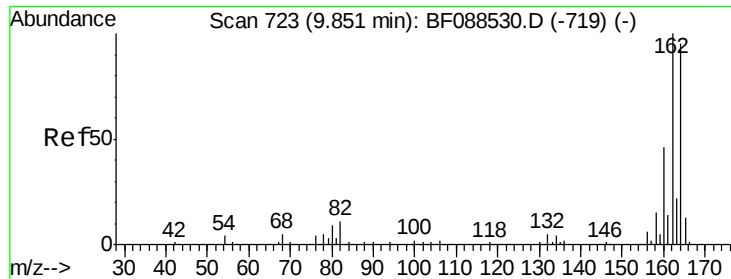


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

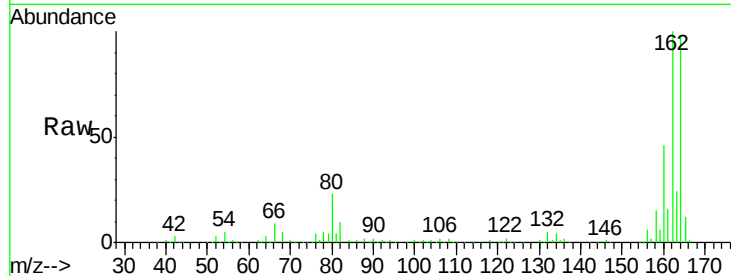




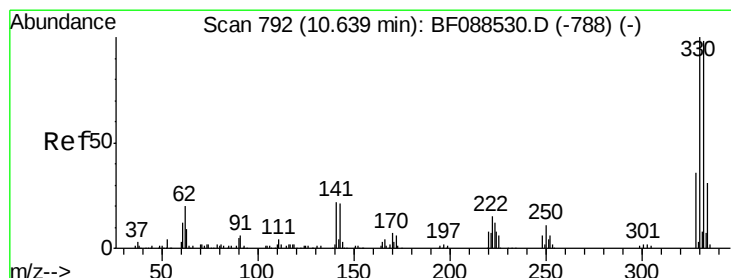
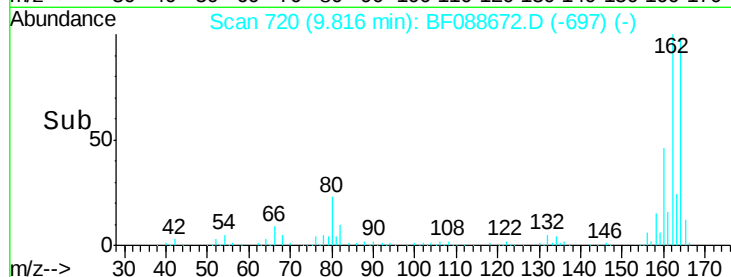
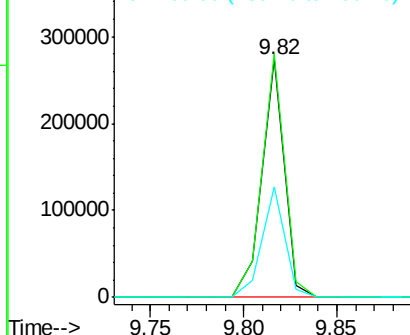
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.03 min
Lab File: BF088672.D
Acq: 4 Jul 2016 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 225721
Ion Ratio Lower Upper
164 100
162 102.2 85.4 128.2
160 46.6 39.5 59.3

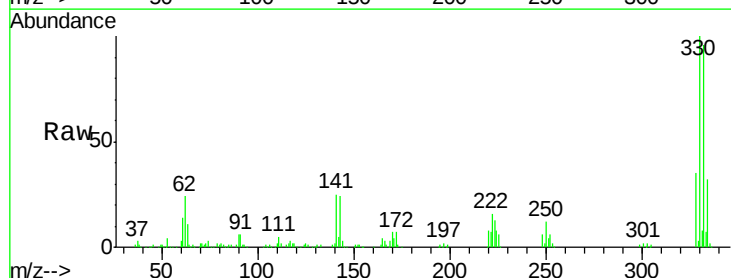


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

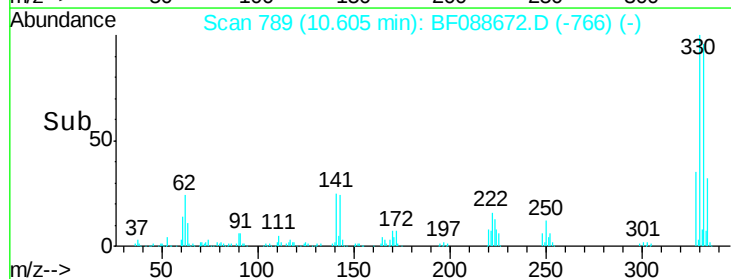
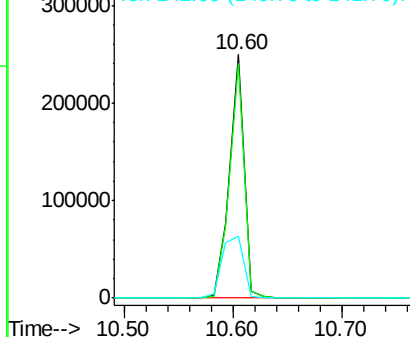


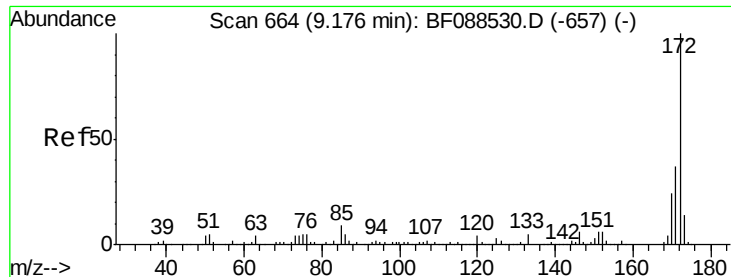
#41
2,4,6-Tribromophenol
Concen: 110.99 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.03 min
Lab File: BF088672.D
Acq: 4 Jul 2016 3:12

Tgt Ion:330 Resp: 232637
Ion Ratio Lower Upper
330 100
332 96.2 0.0 0.0#
141 36.9 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

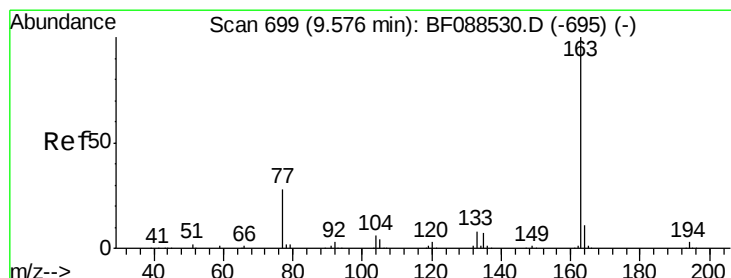
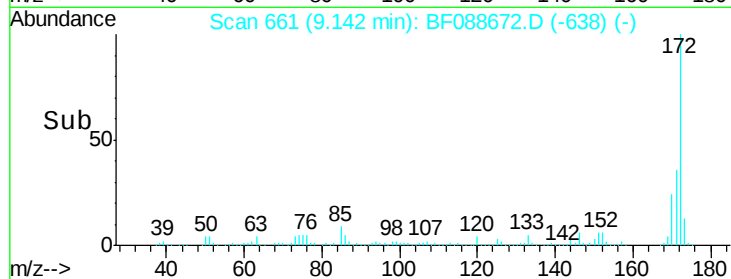
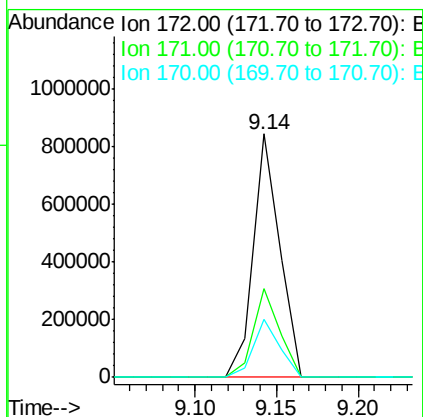
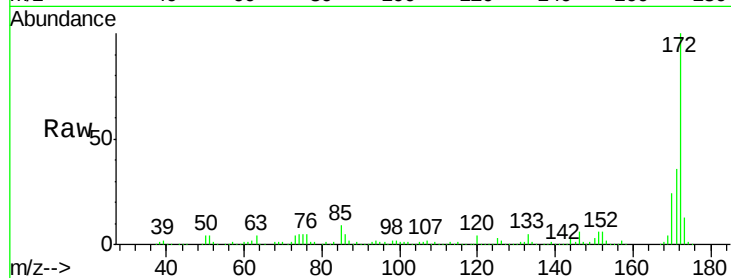




#44
2-Fluorobiphenyl
Concen: 66.54 ng
RT: 9.14 min Scan# 661
Delta R.T. -0.03 min
Lab File: BF088672.D
Acq: 4 Jul 2016 3:12

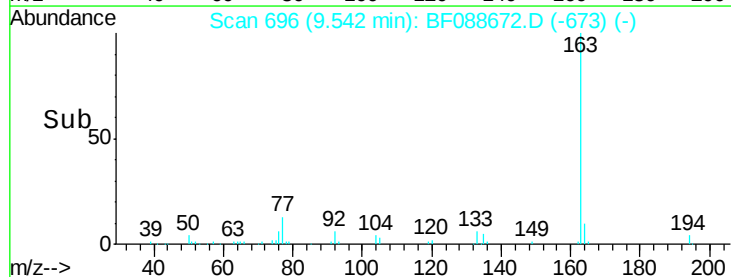
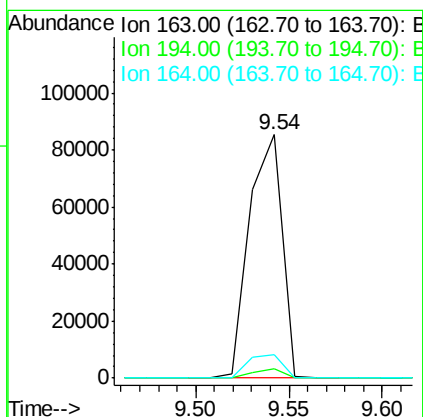
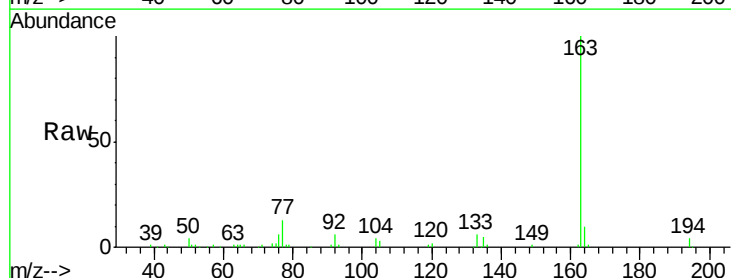
Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 950897
Ion Ratio Lower Upper
172 100
171 36.3 28.6 43.0
170 23.8 19.2 28.8



#49
Dimethylphthalate
Concen: 6.55 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088672.D
Acq: 4 Jul 2016 3:12

Tgt Ion:163 Resp: 105401
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 9.6 8.3 12.5

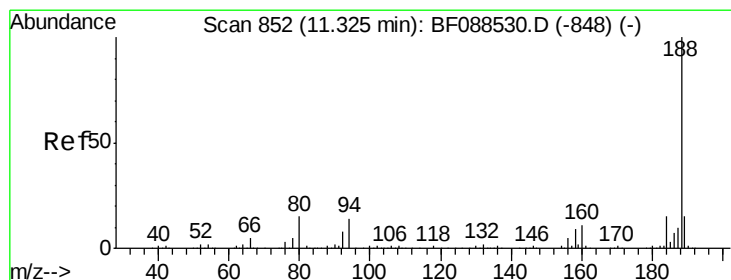
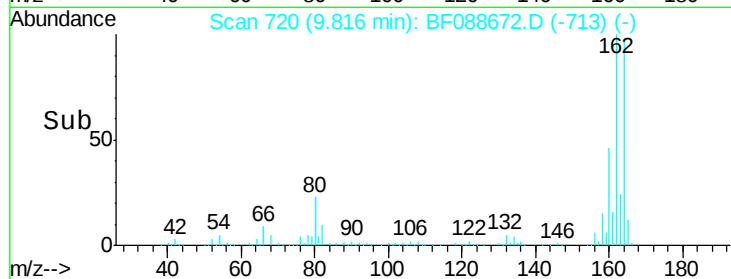
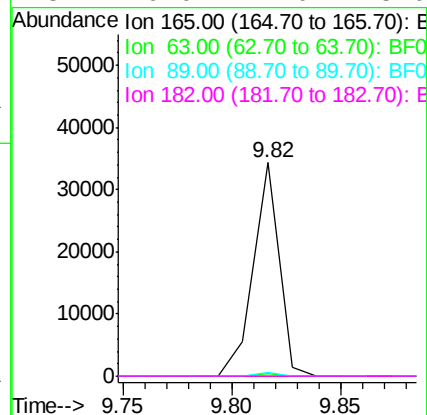
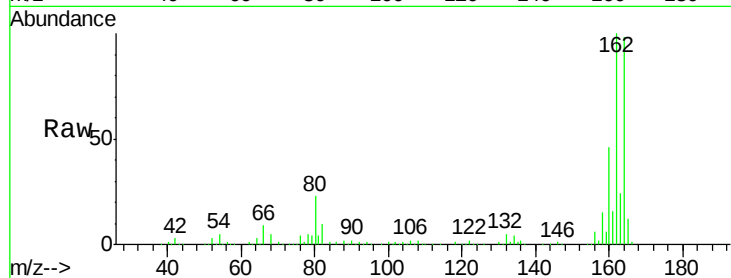




#56
 2,4-Dinitrotoluene
 Concen: 6.09 ng
 RT: 9.82 min Scan# 720
 Delta R.T. -0.22 min
 Lab File: BF088672.D
 Acq: 4 Jul 2016 3:12

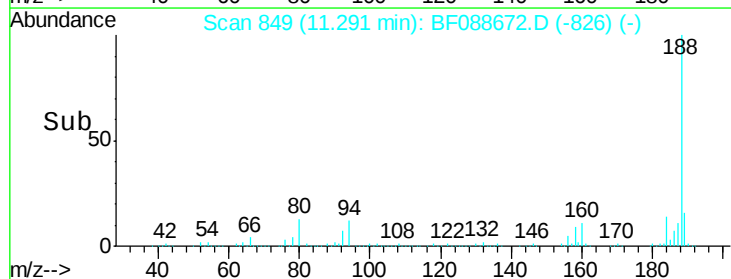
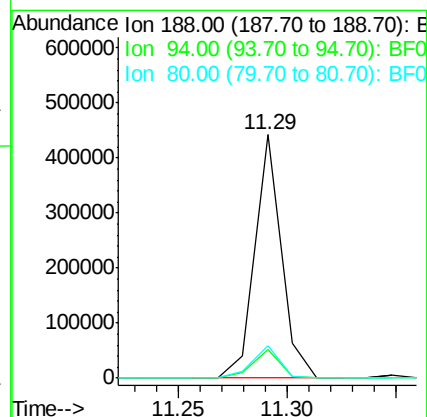
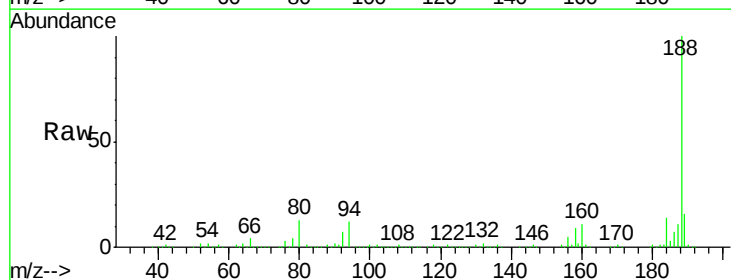
Instrument :
 BNA_F
 ClientSampled :

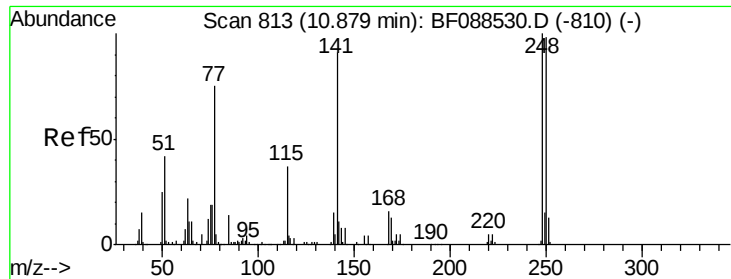
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.3	22.0	33.0#
89	1.6	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.29 min Scan# 849
 Delta R.T. -0.03 min
 Lab File: BF088672.D
 Acq: 4 Jul 2016 3:12

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.0	13.6
80	13.2	10.0	15.0

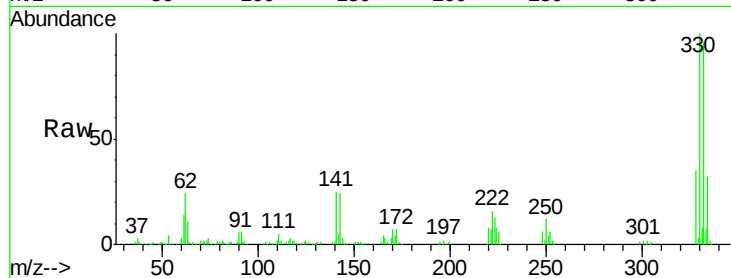




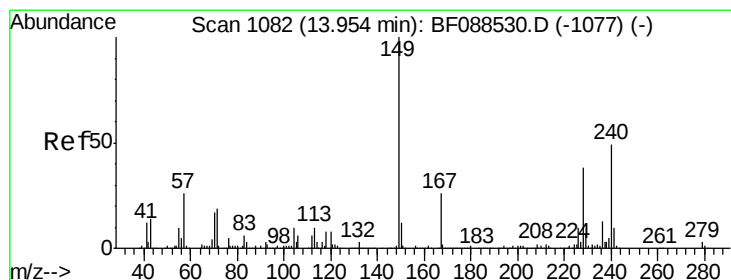
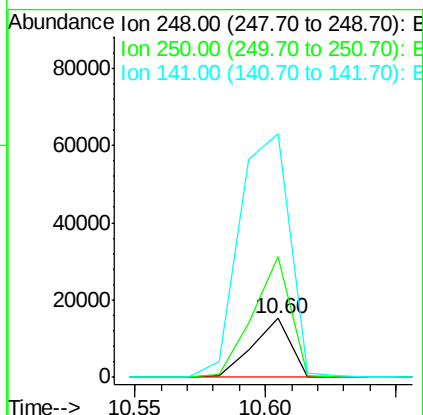
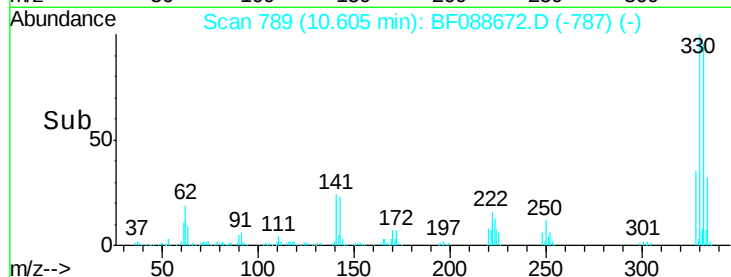
#66
4-Bromophenyl-phenylether
Concen: 4.12 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088672.D
Acq: 4 Jul 2016 3:12

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 15603
Ion Ratio Lower Upper
248 100
250 204.5 77.1 115.7#
141 413.0 50.6 76.0#

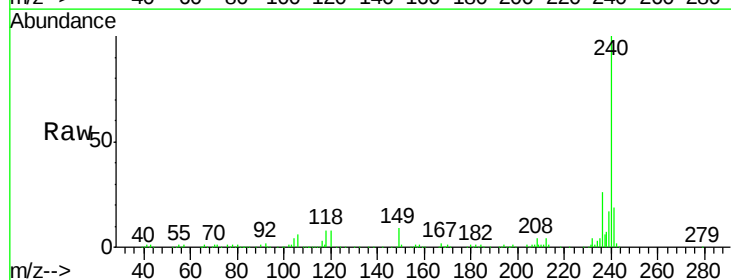


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

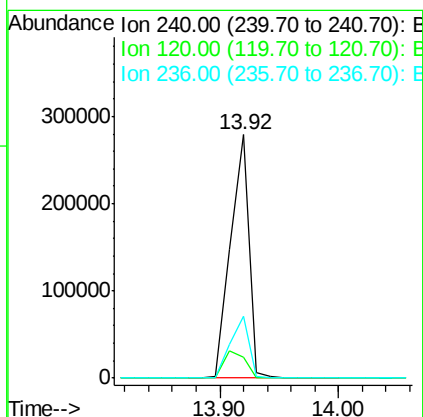
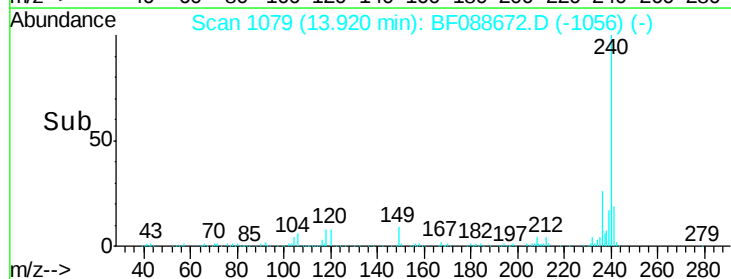


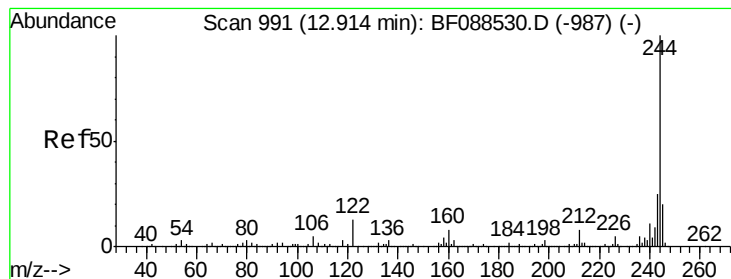
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 1079
Delta R.T. -0.03 min
Lab File: BF088672.D
Acq: 4 Jul 2016 3:12

Tgt Ion:240 Resp: 300899
Ion Ratio Lower Upper
240 100
120 8.4 6.8 10.2
236 25.5 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: 62.35 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088672.D

Acq: 4 Jul 2016 3:12

Instrument :

BNA_F

ClientSampled :

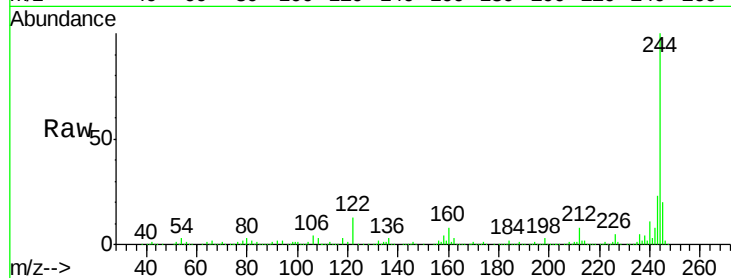
Tot Ion:244 Resp: 842342

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

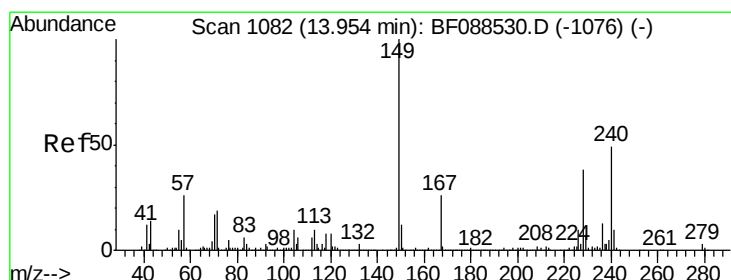
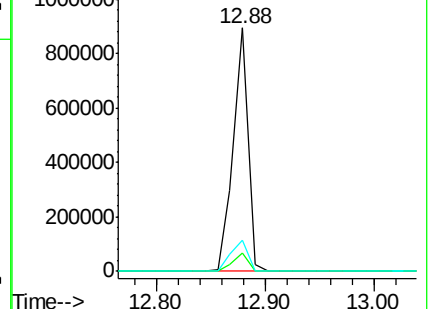
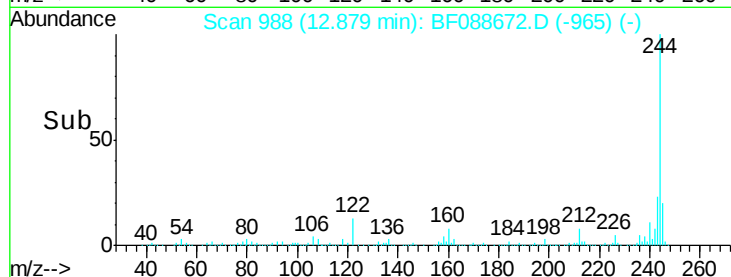
122 12.6 11.2 16.8



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: 6.75 ng

RT: 13.91 min Scan# 1078

Delta R.T. -0.05 min

Lab File: BF088672.D

Acq: 4 Jul 2016 3:12

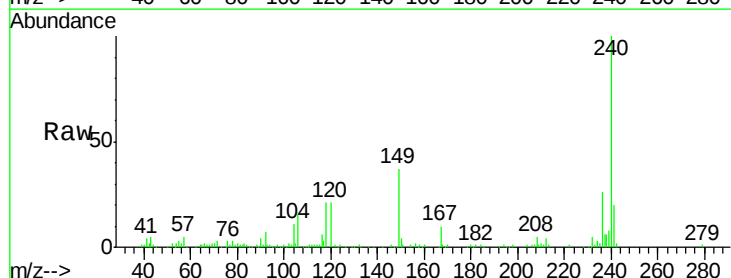
Tgt Ion:149 Resp: 87712

Ion Ratio Lower Upper

149 100

167 26.6 20.5 30.7

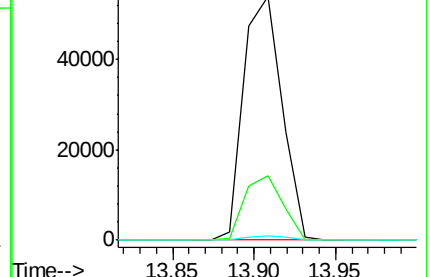
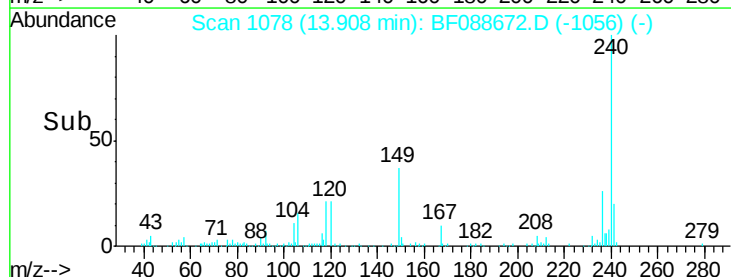
279 1.8 2.0 3.0#

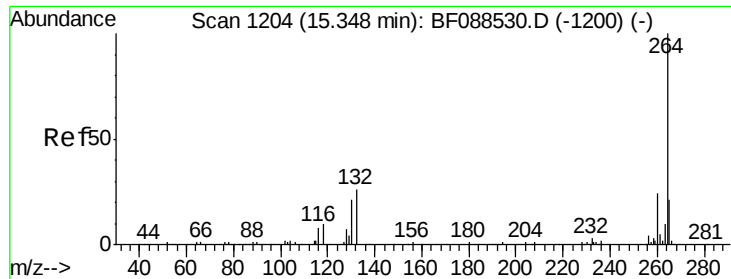


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1201
 Delta R.T. -0.03 min
 Lab File: BF088672.D
 Acq: 4 Jul 2016 3:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	21.0	16.9	25.3

