

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
 Data File : BF088671.D
 Acq On : 4 Jul 2016 2:43
 Operator : UM/SJ
 Sample : H3817-13
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 04 05:04:11 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

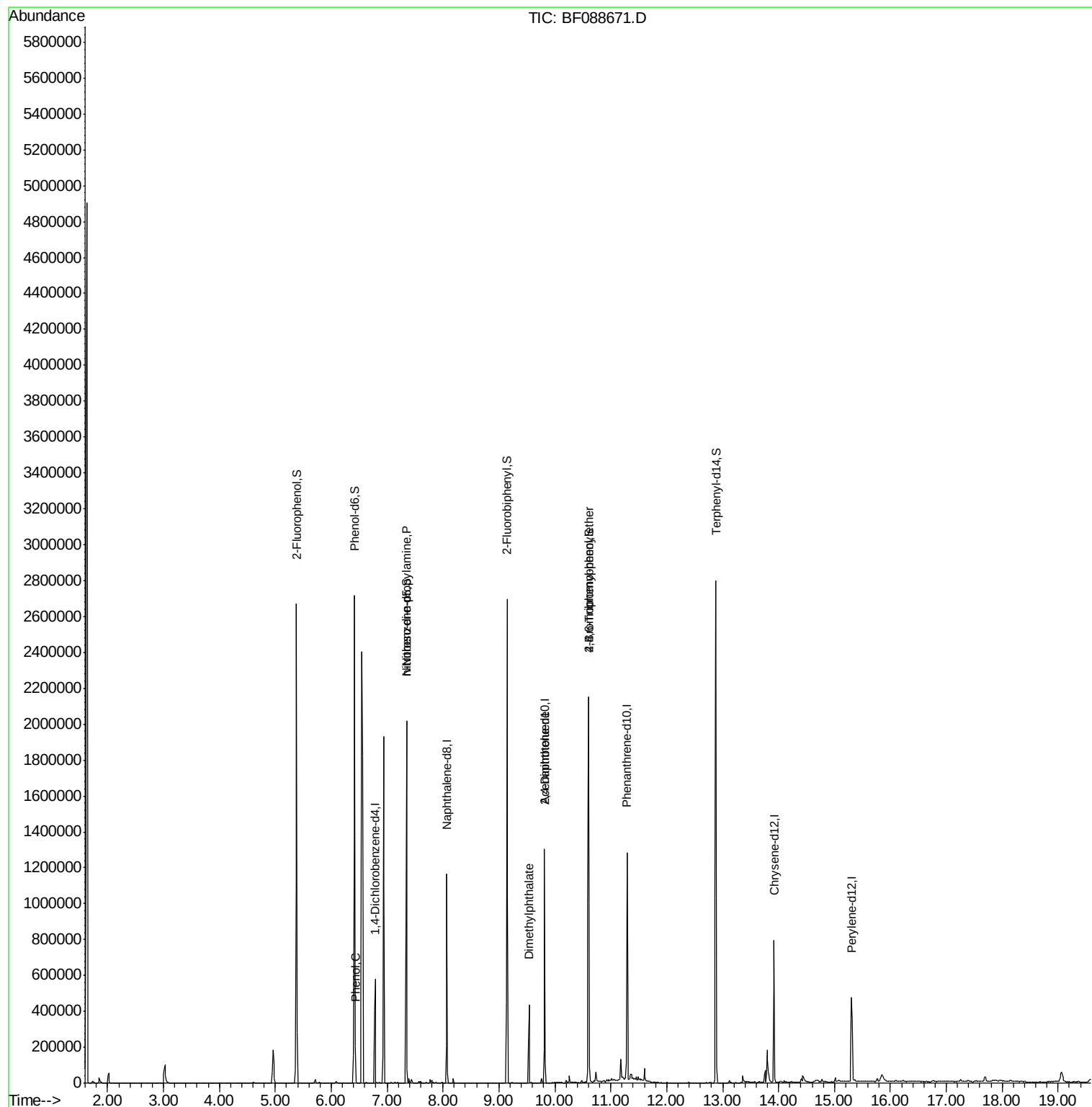
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	113492	20.00	ng	-0.02
21) Naphthalene-d8	8.07	136	471663	20.00	ng	-0.03
38) Acenaphthene-d10	9.82	164	227871	20.00	ng	-0.03
63) Phenanthrene-d10	11.29	188	413083	20.00	ng	-0.03
75) Chrysene-d12	13.92	240	326504	20.00	ng	-0.03
86) Perylene-d12	15.30	264	233764	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	811898	107.21	ng	-0.02
7) Phenol-d6	6.42	99	1077952	110.17	ng	-0.02
23) Nitrobenzene-d5	7.35	82	717450	79.71	ng	-0.03
41) 2,4,6-Tribromophenol	10.60	330	259784	122.77	ng	-0.03
44) 2-Fluorobiphenyl	9.14	172	966614	67.00	ng	-0.03
78) Terphenyl-d14	12.88	244	846537	57.75	ng	-0.03
Target Compounds						
10) Phenol	6.43	94	32691	2.93	ng	Qvalue 98
19) n-Nitroso-di-n-propylamine	7.35	70	98903	15.05	ng	# 72
49) Dimethylphthalate	9.54	163	224008	13.80	ng	98
56) 2,4-Dinitrotoluene	9.82	165	29768	6.33	ng	# 38
66) 4-Bromophenyl-phenylether	10.60	248	18160	4.36	ng	# 1

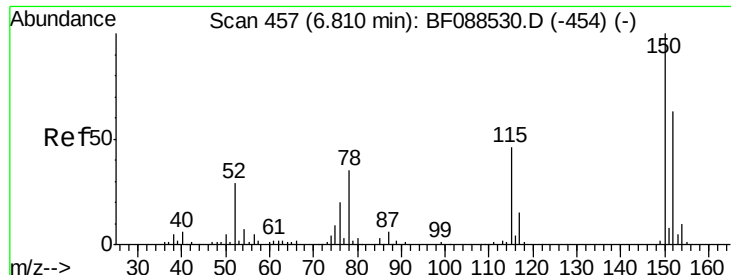
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.79 min Scan# 455

Delta R.T. -0.02 min

Lab File: BF088671.D

Acq: 4 Jul 2016 2:43

Instrument :

BNA_F

ClientSampleId :

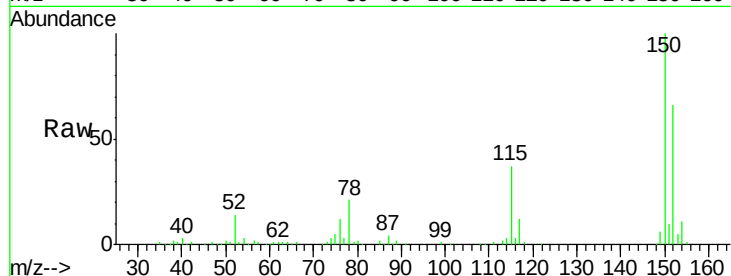
Tot Ion:152 Resp: 113492

Ion Ratio Lower Upper

152 100

150 151.8 123.8 185.6

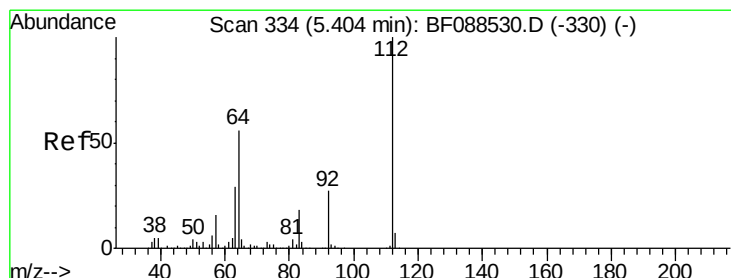
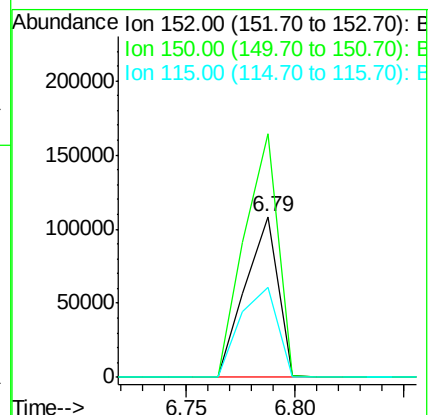
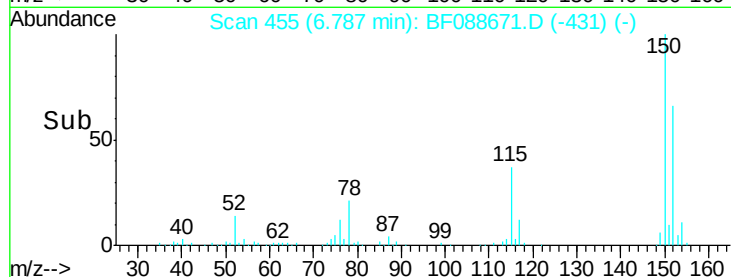
115 56.0 39.6 59.4



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: 107.21 ng

RT: 5.38 min Scan# 332

Delta R.T. -0.02 min

Lab File: BF088671.D

Acq: 4 Jul 2016 2:43

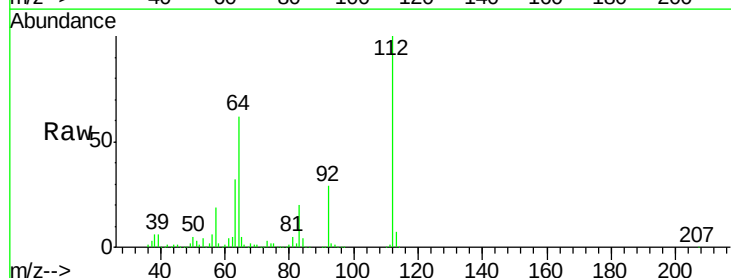
Tgt Ion:112 Resp: 811898

Ion Ratio Lower Upper

112 100

64 61.9 42.2 63.2

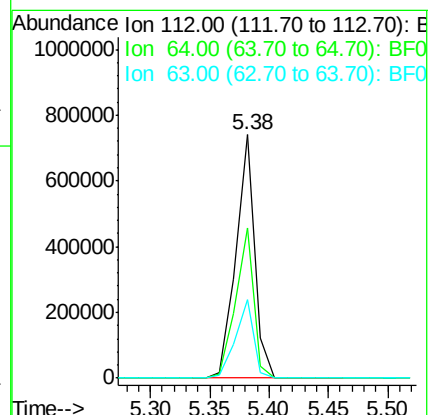
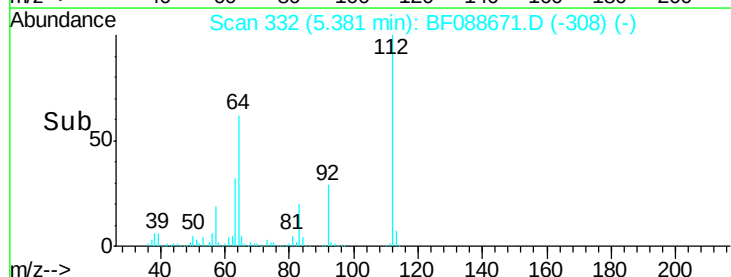
63 32.0 21.8 32.8

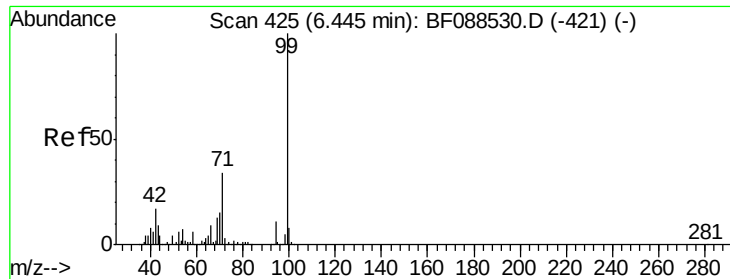


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.17 ng

RT: 6.42 min Scan# 423

Delta R.T. -0.02 min

Lab File: BF088671.D

Acq: 4 Jul 2016 2:43

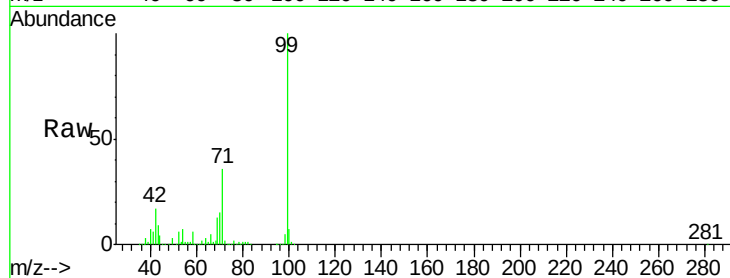
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1077952

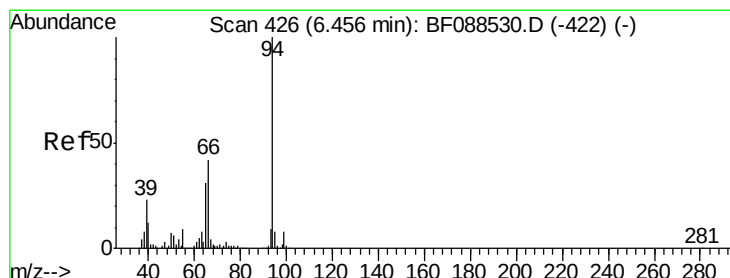
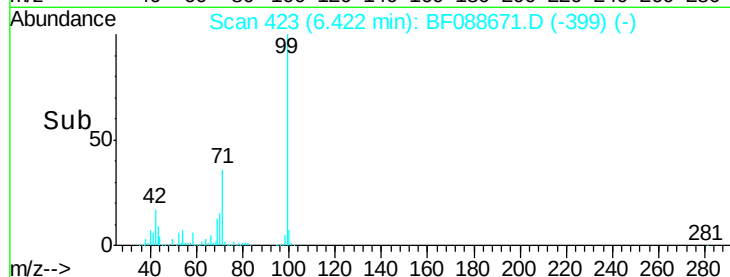
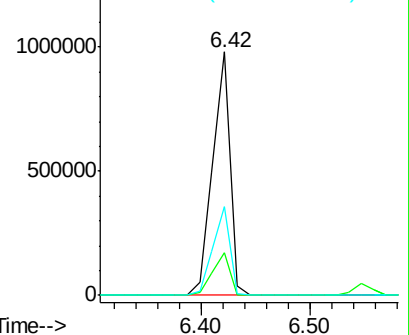
Ion	Ratio	Lower	Upper
99	100		
42	17.5	12.2	18.2
71	36.5	23.4	35.0



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: 2.93 ng

RT: 6.43 min Scan# 424

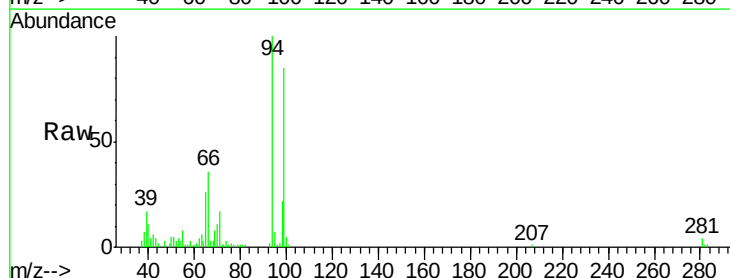
Delta R.T. -0.02 min

Lab File: BF088671.D

Acq: 4 Jul 2016 2:43

Tgt Ion: 94 Resp: 32691

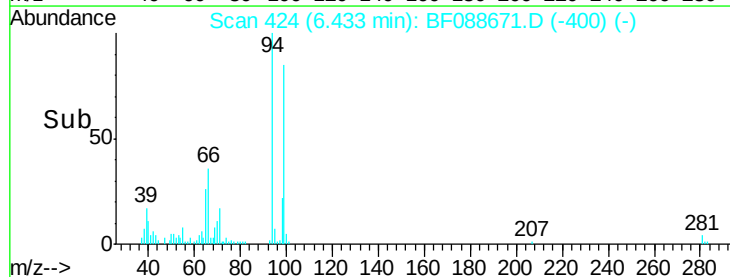
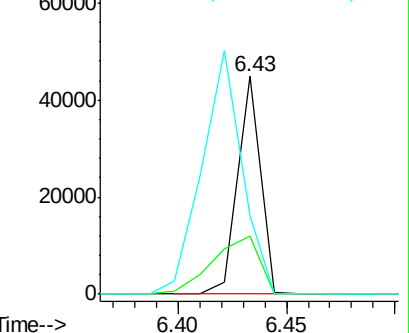
Ion	Ratio	Lower	Upper
94	100		
65	26.4	5.9	45.9
66	36.0	14.0	54.0

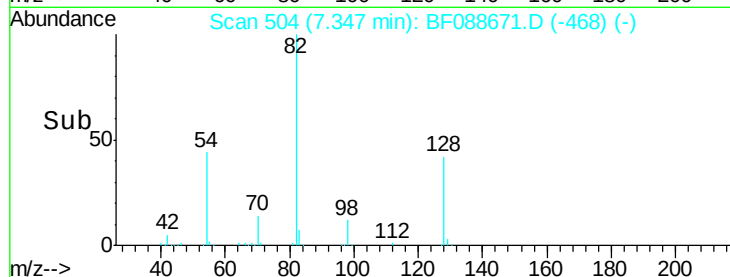
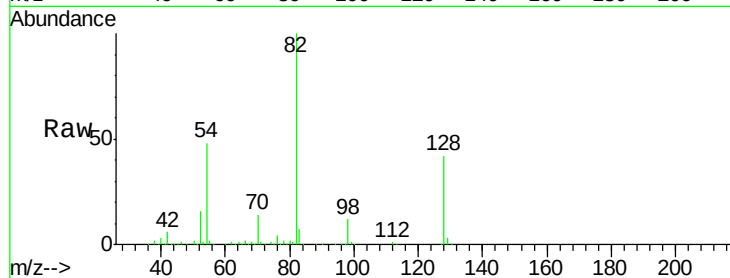
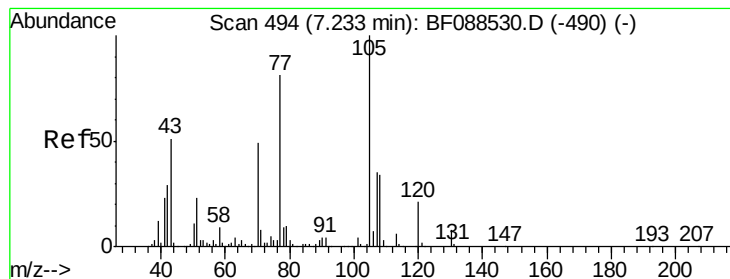


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 15.05 ng

RT: 7.35 min Scan# 504

Delta R.T. 0.11 min

Lab File: BF088671.D

Acq: 4 Jul 2016 2:43

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 98903

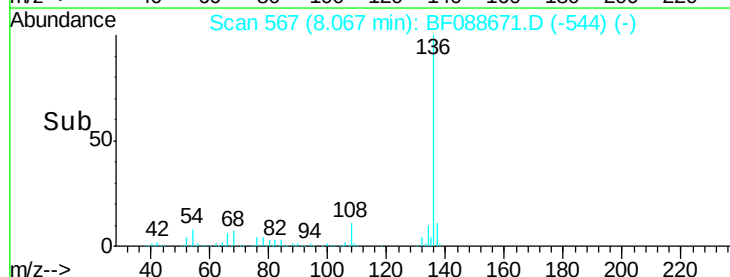
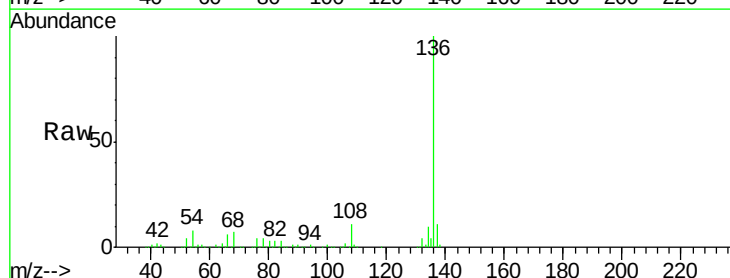
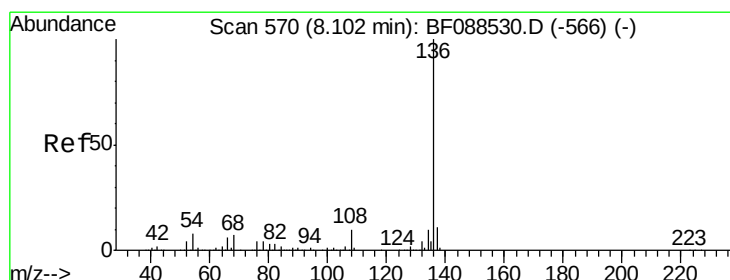
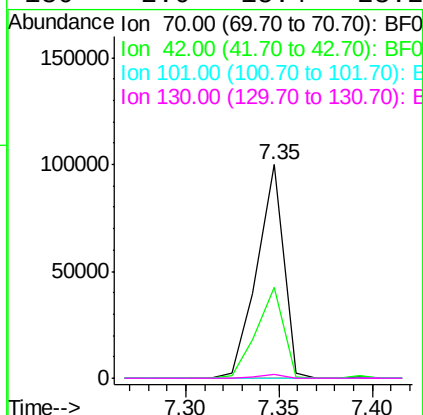
Ion Ratio Lower Upper

70 100

42 42.3 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.07 min Scan# 567

Delta R.T. -0.03 min

Lab File: BF088671.D

Acq: 4 Jul 2016 2:43

Tgt Ion:136 Resp: 471663

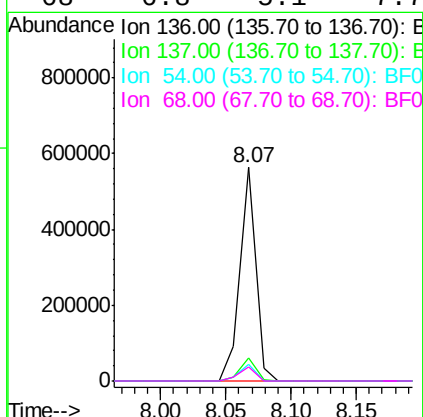
Ion Ratio Lower Upper

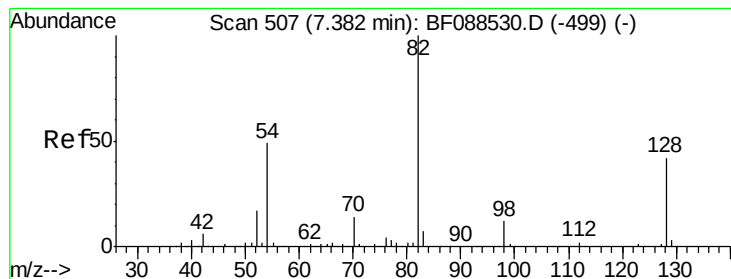
136 100

137 11.1 9.1 13.7

54 8.1 6.6 10.0

68 6.8 5.1 7.7





#23

Nitrobenzene-d5

Concen: 79.71 ng

RT: 7.35 min Scan# 504

Delta R.T. -0.03 min

Lab File: BF088671.D

Acq: 4 Jul 2016 2:43

Instrument :

BNA_F

ClientSampled :

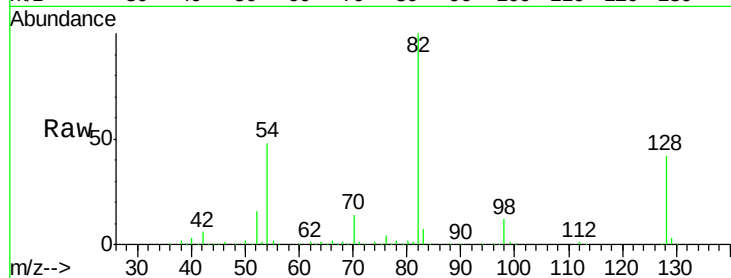
Tot Ion: 82 Resp: 717450

Ion Ratio Lower Upper

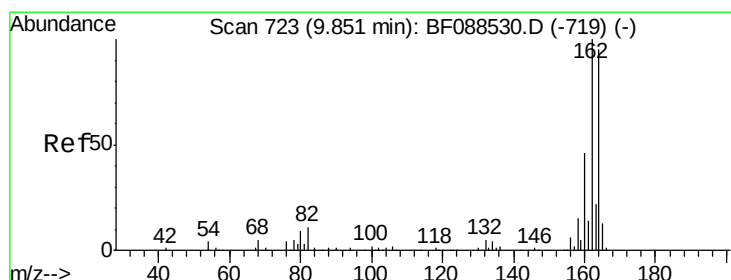
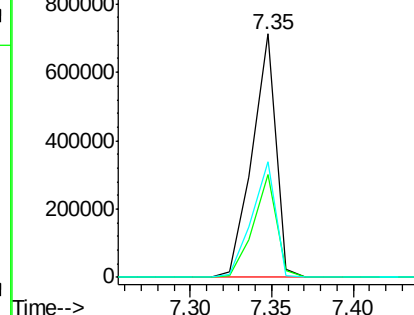
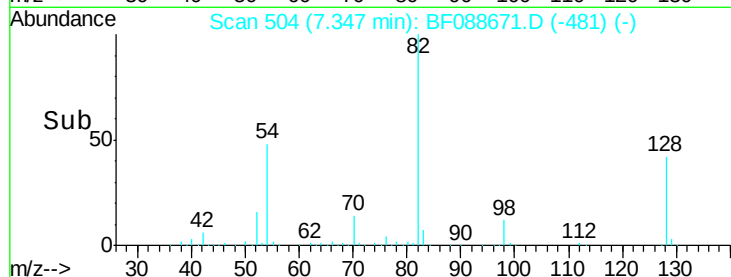
82 100

128 42.4 35.9 53.9

54 47.7 40.9 61.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): B



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF088671.D

Acq: 4 Jul 2016 2:43

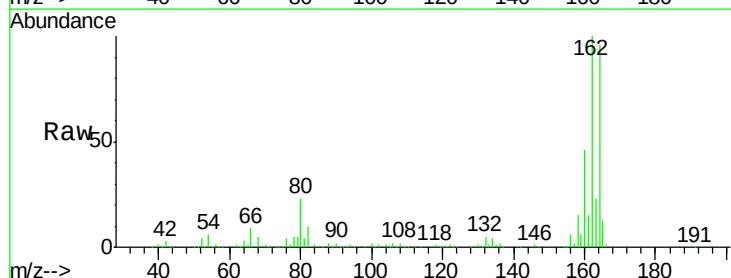
Tgt Ion:164 Resp: 227871

Ion Ratio Lower Upper

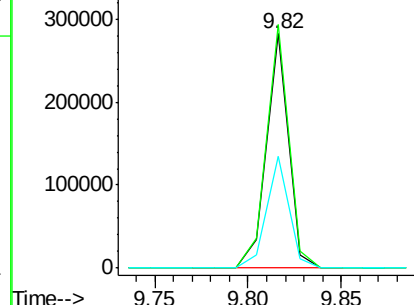
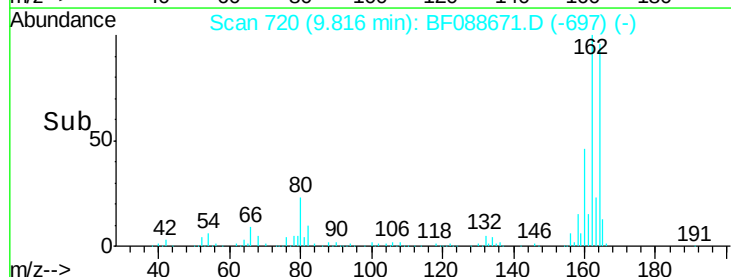
164 100

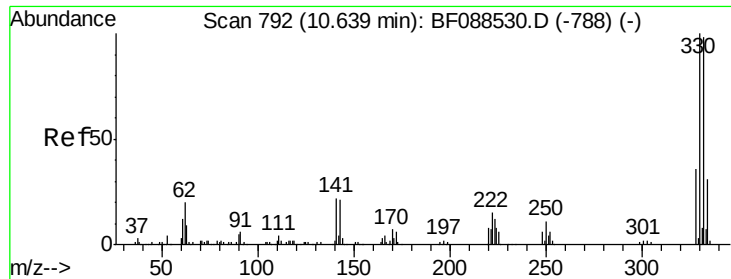
162 104.0 85.4 128.2

160 47.7 39.5 59.3



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

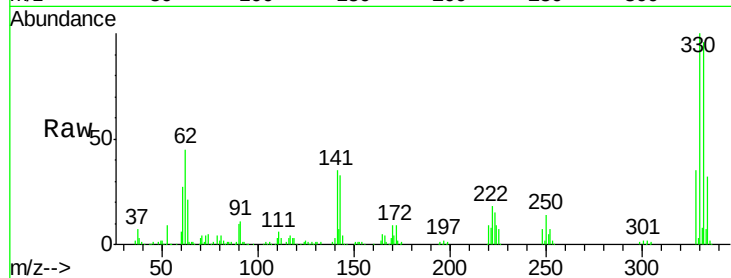




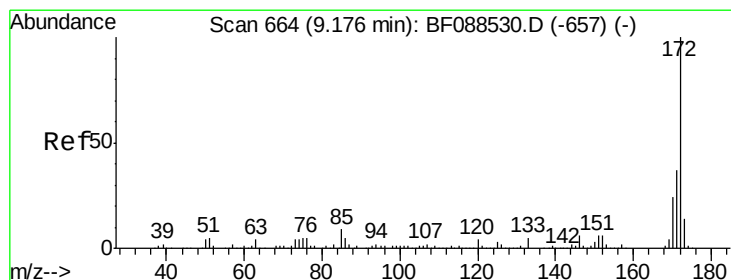
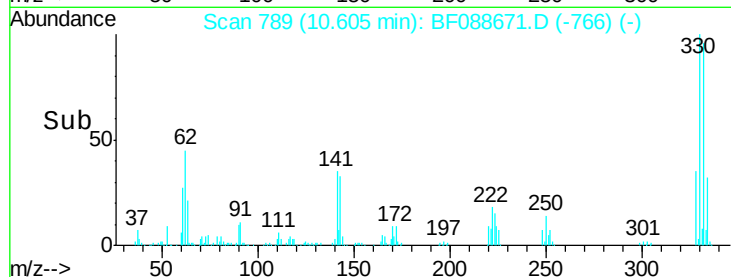
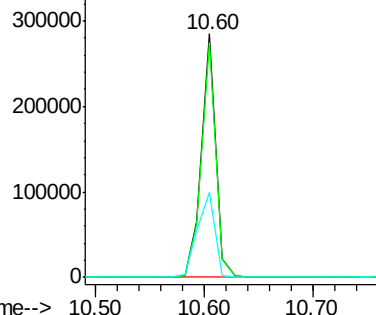
#41
 2,4,6-Tribromophenol
 Concen: 122.77 ng
 RT: 10.60 min Scan# 789
 Delta R.T. -0.03 min
 Lab File: BF088671.D
 Acq: 4 Jul 2016 2:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	0.0	0.0#
141	42.1	0.0	0.0#

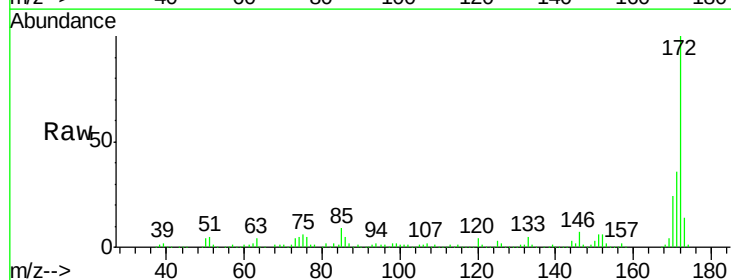


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

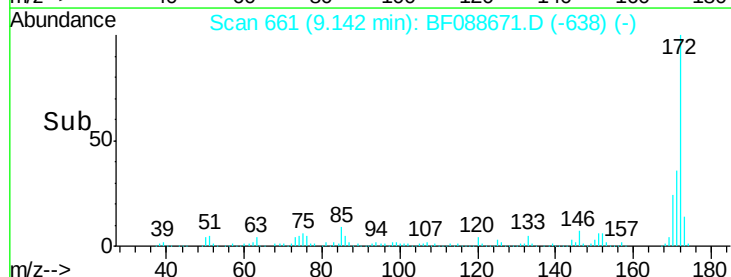
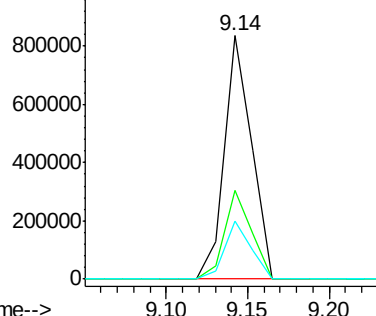


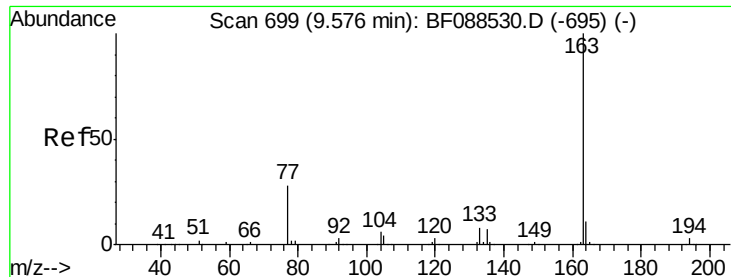
#44
 2-Fluorobiphenyl
 Concen: 67.00 ng
 RT: 9.14 min Scan# 661
 Delta R.T. -0.03 min
 Lab File: BF088671.D
 Acq: 4 Jul 2016 2:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.6	43.0
170	24.1	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

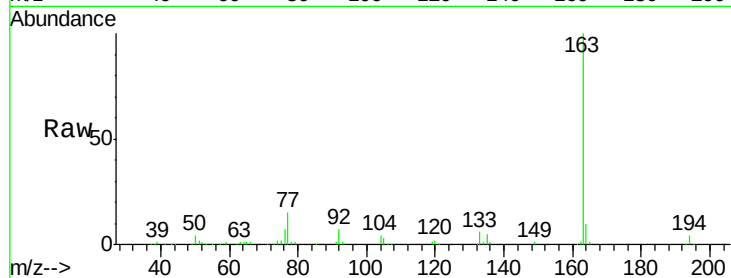




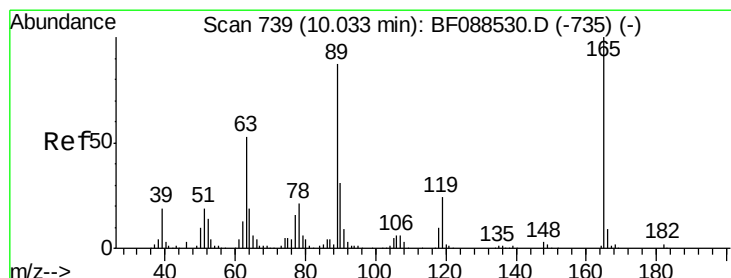
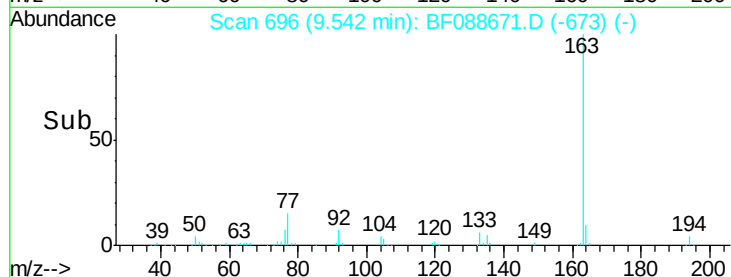
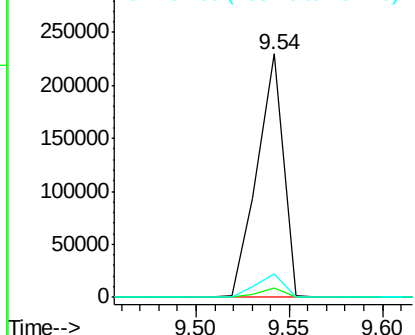
#49
Dimethylphthalate
Concen: 13.80 ng
RT: 9.54 min Scan# 696
Delta R.T. -0.03 min
Lab File: BF088671.D
Acq: 4 Jul 2016 2:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 224008
Ion Ratio Lower Upper
163 100
194 3.7 2.8 4.2
164 9.6 8.3 12.5

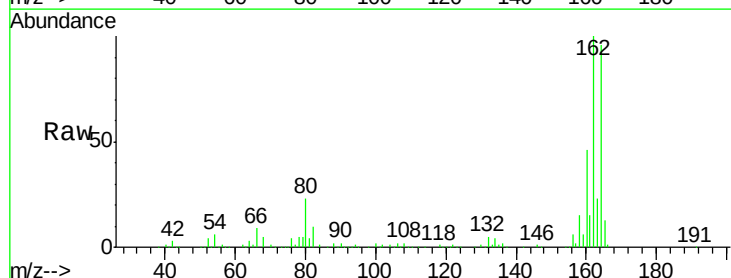


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

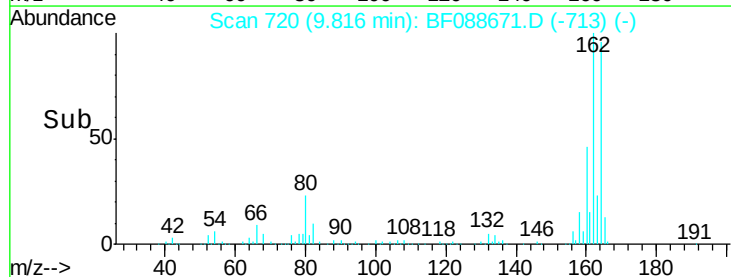
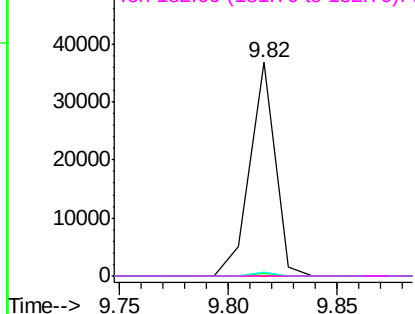


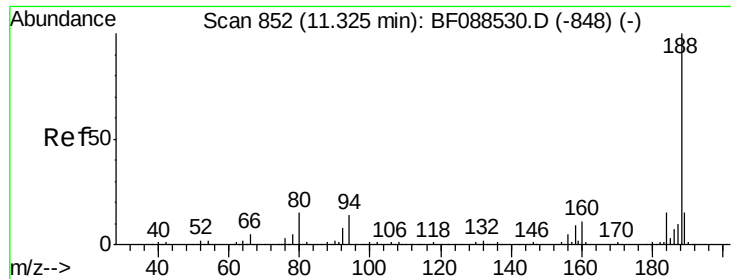
#56
2,4-Dinitrotoluene
Concen: 6.33 ng
RT: 9.82 min Scan# 720
Delta R.T. -0.22 min
Lab File: BF088671.D
Acq: 4 Jul 2016 2:43

Tgt Ion:165 Resp: 29768
Ion Ratio Lower Upper
165 100
63 1.5 22.0 33.0#
89 1.7 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

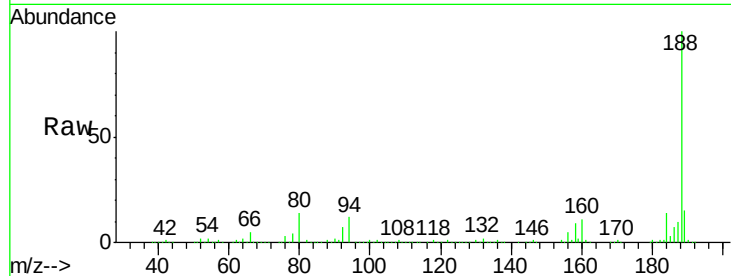




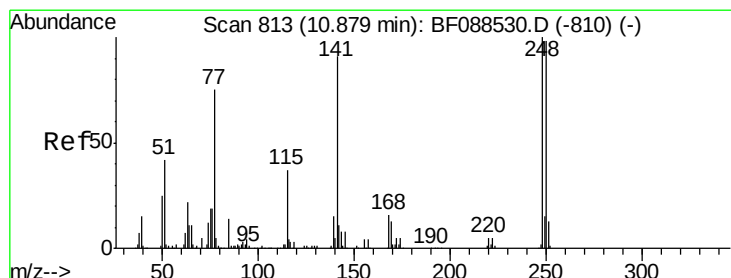
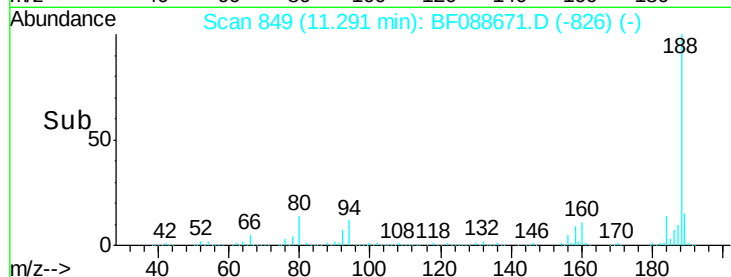
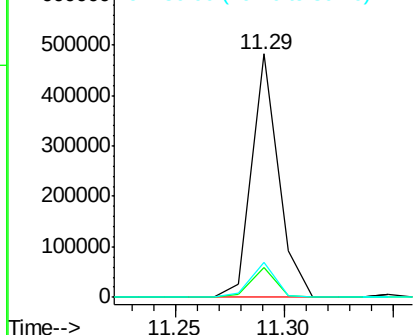
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 849
Delta R.T. -0.03 min
Lab File: BF088671.D
Acq: 4 Jul 2016 2:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 413083
Ion Ratio Lower Upper
188 100
94 12.4 9.0 13.6
80 14.2 10.0 15.0

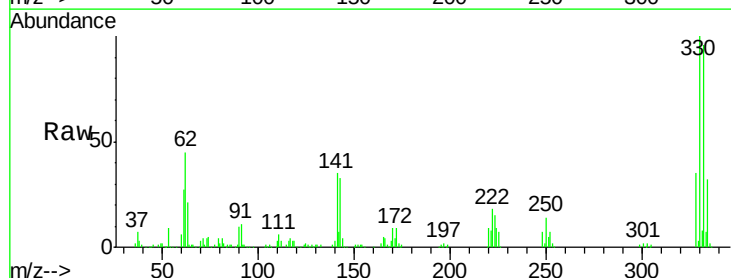


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

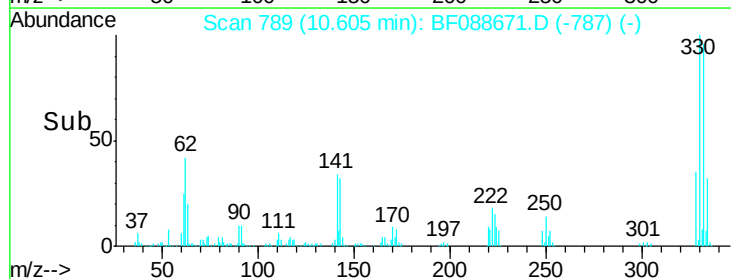
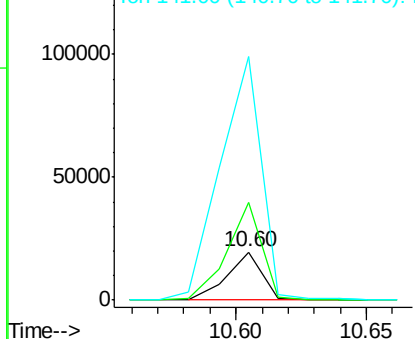


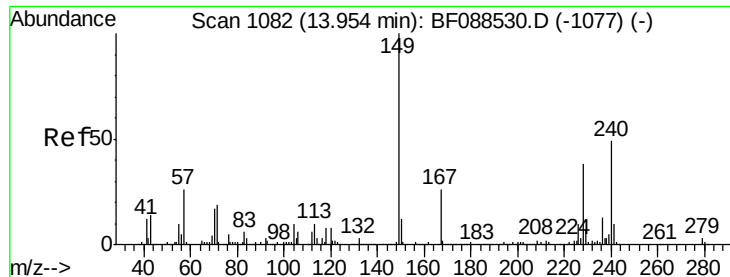
#66
4-Bromophenyl-phenylether
Concen: 4.36 ng
RT: 10.60 min Scan# 789
Delta R.T. -0.27 min
Lab File: BF088671.D
Acq: 4 Jul 2016 2:43

Tgt Ion:248 Resp: 18160
Ion Ratio Lower Upper
248 100
250 202.3 77.1 115.7#
141 503.0 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: BF088671.D

Acq: 4 Jul 2016 2:43

Instrument :

BNA_F

ClientSampleId :

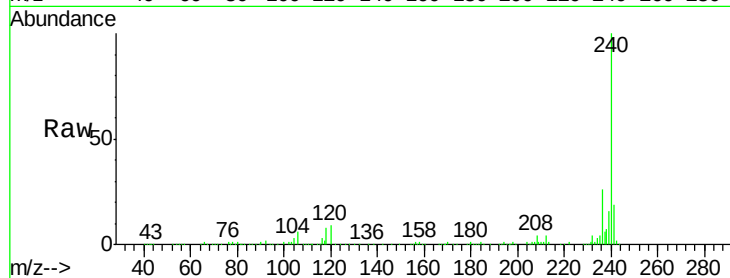
Tot Ion:240 Resp: 326504

Ion Ratio Lower Upper

240 100

120 8.9 6.8 10.2

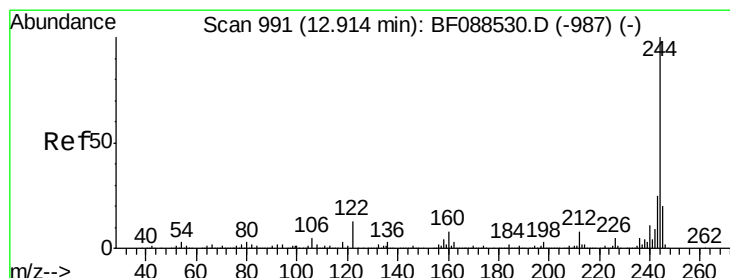
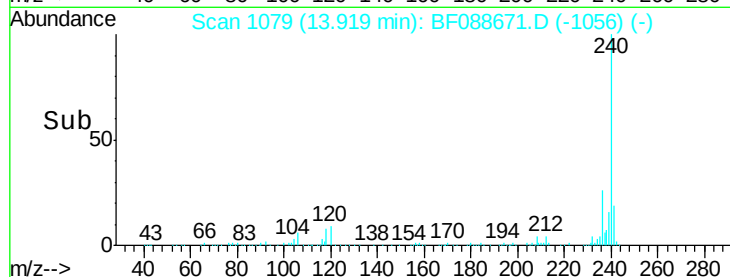
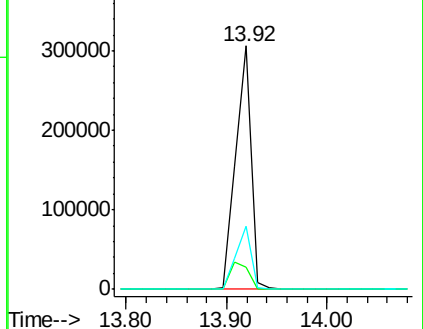
236 25.8 20.2 30.2



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: 57.75 ng

RT: 12.88 min Scan# 988

Delta R.T. -0.03 min

Lab File: BF088671.D

Acq: 4 Jul 2016 2:43

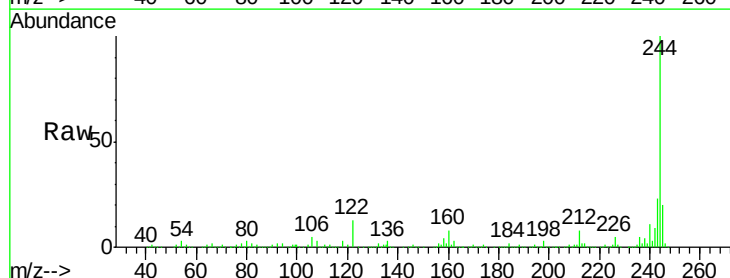
Tgt Ion:244 Resp: 846537

Ion Ratio Lower Upper

244 100

212 7.9 6.0 9.0

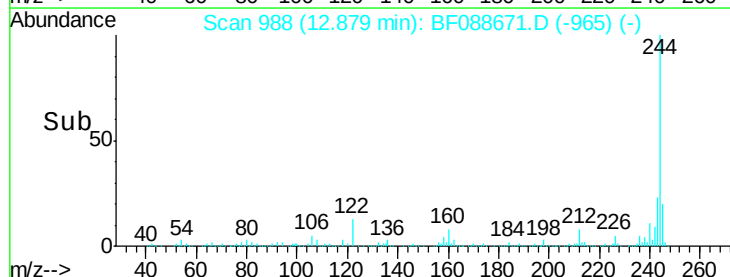
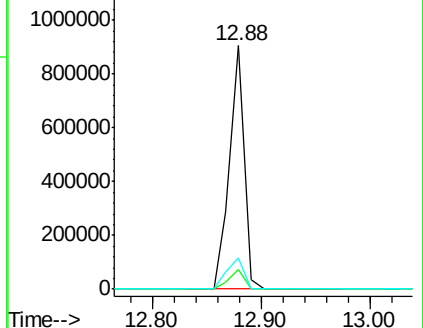
122 12.8 11.2 16.8

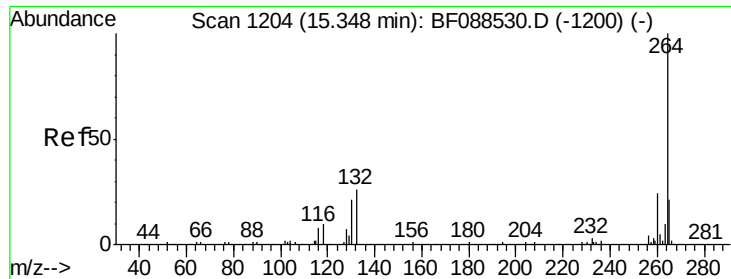


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

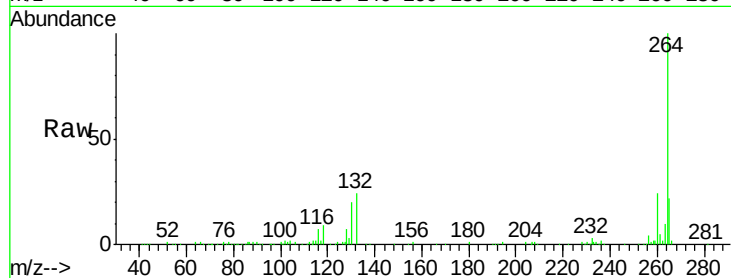




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.30 min Scan# 1200
Delta R.T. -0.05 min
Lab File: BF088671.D
Acq: 4 Jul 2016 2:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 233764
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.7 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

