

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088602.D
 Acq On : 2 Jul 2016 5:01
 Operator : UM/SJ
 Sample : H3831-04
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Quant Time: Jul 02 05:25:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Jul 02 02:24:16 2016
 Response via : Initial Calibration

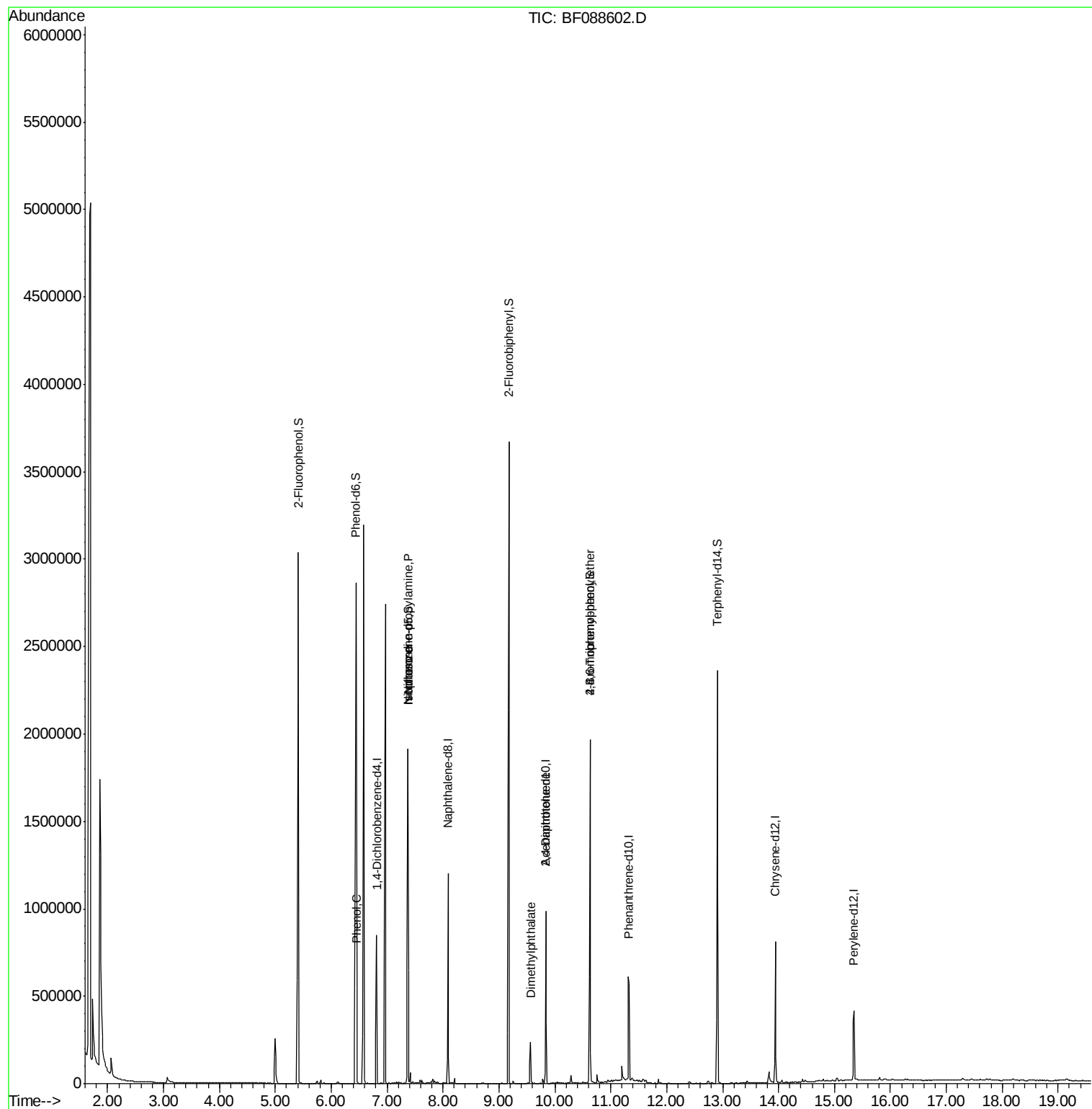
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	131107	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	477620	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	195359	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	315992	20.00	ng	0.00
75) Chrysene-d12	13.94	240	242928	20.00	ng	-0.01
86) Perylene-d12	15.35	264	202973	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1142214	130.57	ng	0.02
7) Phenol-d6	6.44	99	1207454	106.82	ng	0.00
23) Nitrobenzene-d5	7.37	82	790526	86.74	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	206067	113.59	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1380720	111.64	ng	0.00
78) Terphenyl-d14	12.90	244	873010	80.04	ng	0.00
Target Compounds						
10) Phenol	6.46	94	40201	3.12	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.37	70	105699	13.92	ng	# 73
25) Isophorone	7.37	82	616728	36.53	ng	# 65
49) Dimethylphthalate	9.56	163	111293	8.00	ng	99
56) 2,4-Dinitrotoluene	9.84	165	24984	6.19	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	14714	4.62	ng	# 1

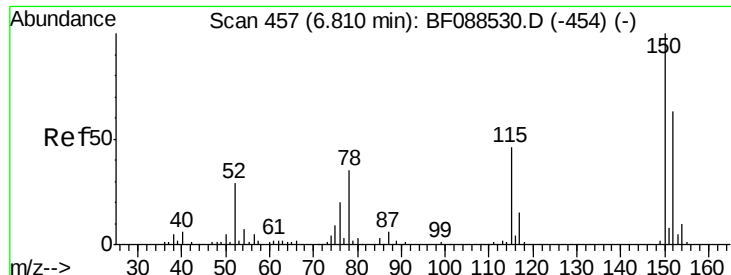
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
Data File : BF088602.D
Acq On : 2 Jul 2016 5:01
Operator : UM/SJ
Sample : H3831-04
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

Quant Time: Jul 02 05:25:34 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 02:24:16 2016
Response via : Initial Calibration



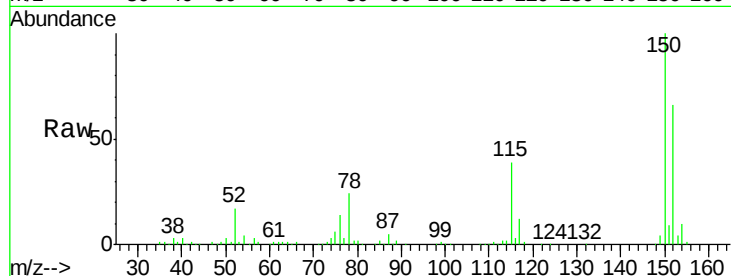


#1

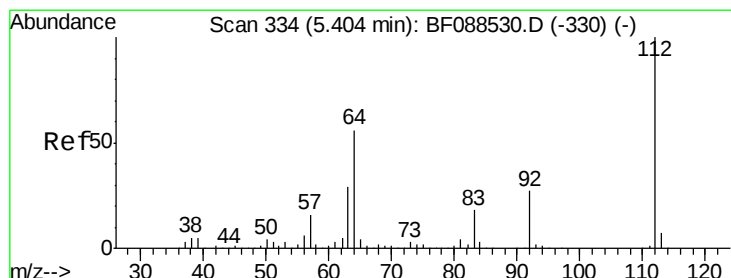
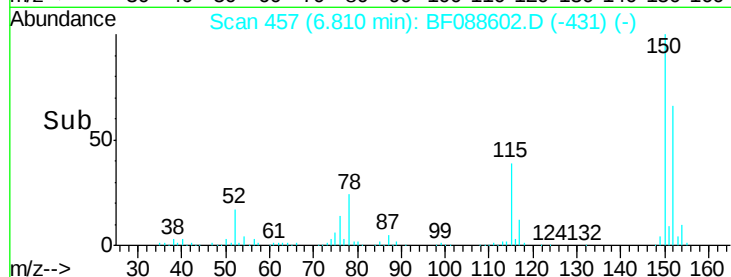
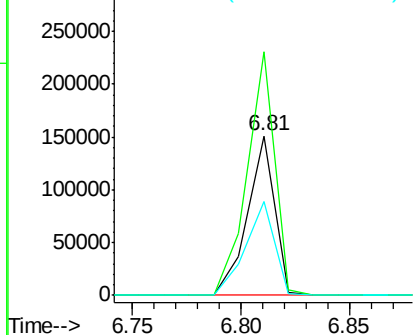
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.81 min Scan# 457
Delta R.T. 0.00 min
Lab File: BF088602.D
Acq: 2 Jul 2016 5:01

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

Tgt Ion:152 Resp: 131107
Ion Ratio Lower Upper
152 100
150 152.7 123.8 185.6
115 59.0 39.6 59.4



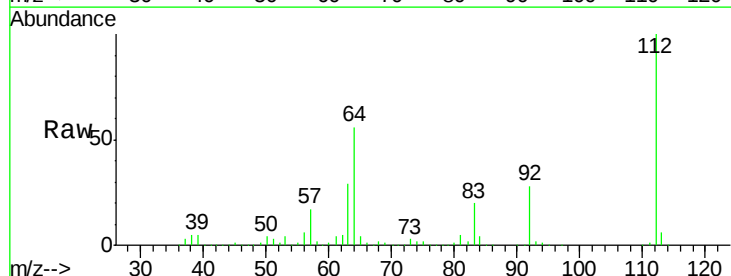
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



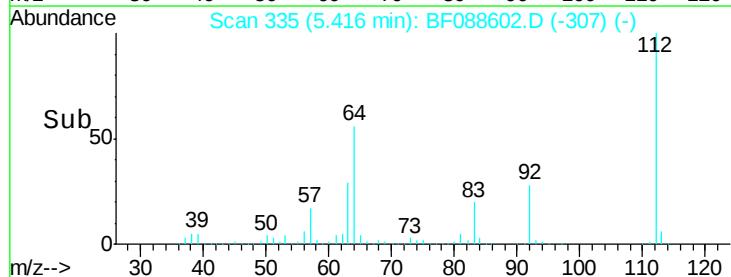
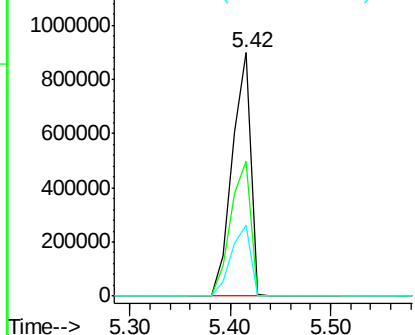
#5

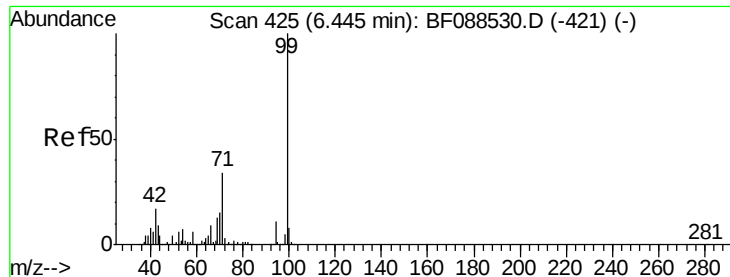
2-Fluorophenol
Concen: 130.57 ng
RT: 5.42 min Scan# 335
Delta R.T. 0.02 min
Lab File: BF088602.D
Acq: 2 Jul 2016 5:01

Tgt Ion:112 Resp: 1142214
Ion Ratio Lower Upper
112 100
64 55.6 42.2 63.2
63 29.3 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: 106.82 ng

RT: 6.44 min Scan# 425

Delta R.T. 0.00 min

Lab File: BF088602.D

Acq: 2 Jul 2016 5:01

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

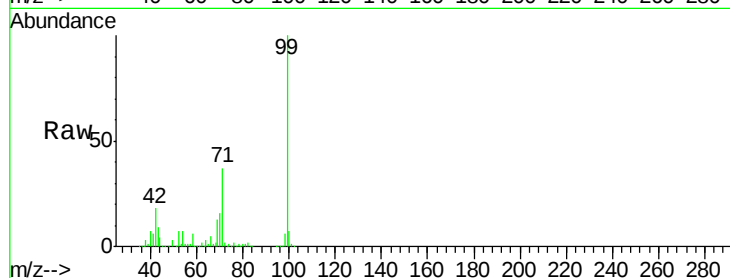
Tgt Ion: 99 Resp: 1207454

Ion Ratio Lower Upper

99 100

42 18.1 12.2 18.2

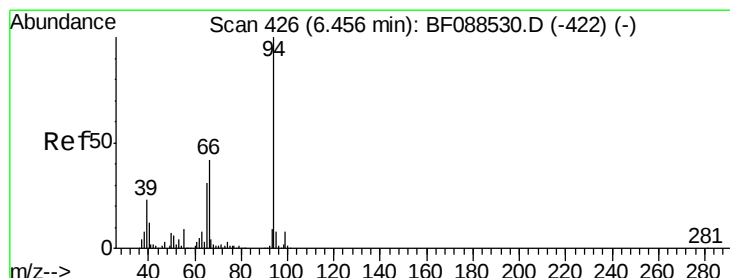
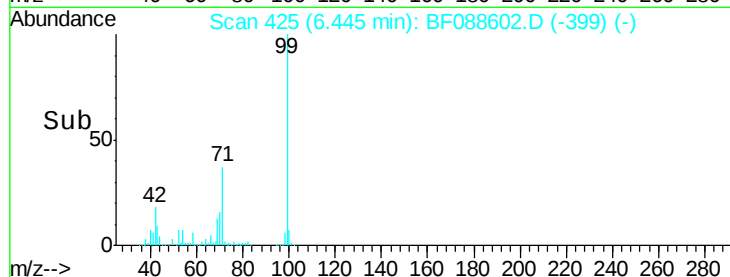
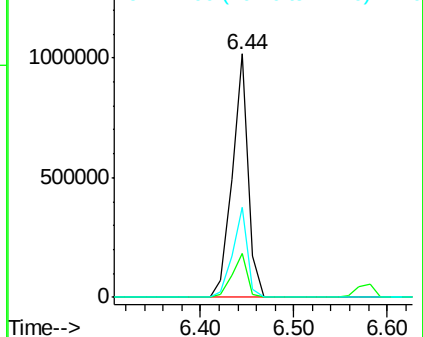
71 36.9 23.4 35.0#



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



#10

Phenol

Concen: 3.12 ng

RT: 6.46 min Scan# 426

Delta R.T. 0.00 min

Lab File: BF088602.D

Acq: 2 Jul 2016 5:01

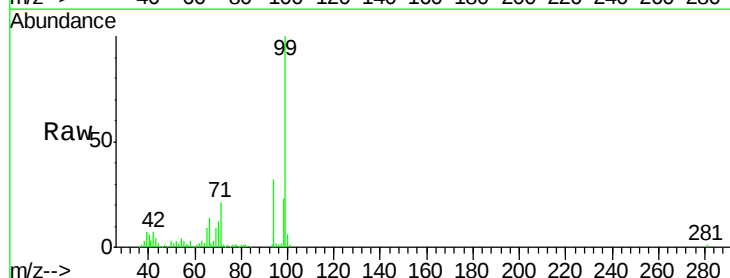
Tgt Ion: 94 Resp: 40201

Ion Ratio Lower Upper

94 100

65 29.8 5.9 45.9

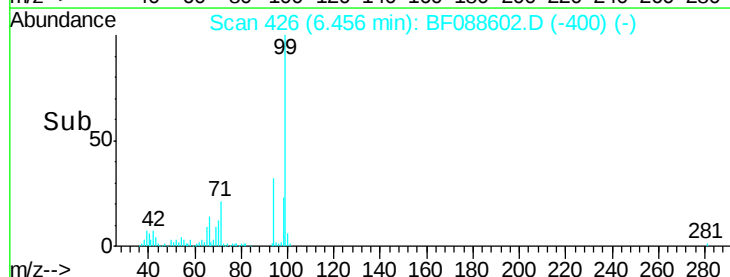
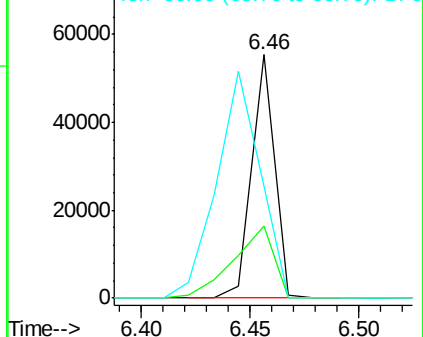
66 45.7 14.0 54.0

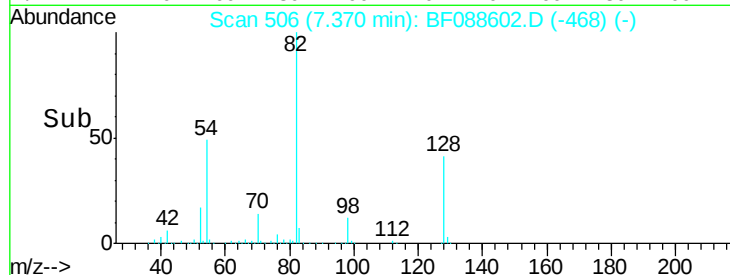
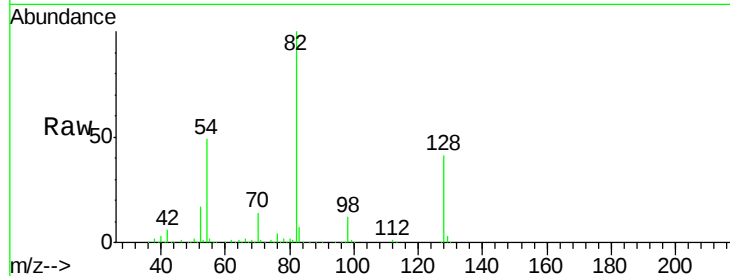
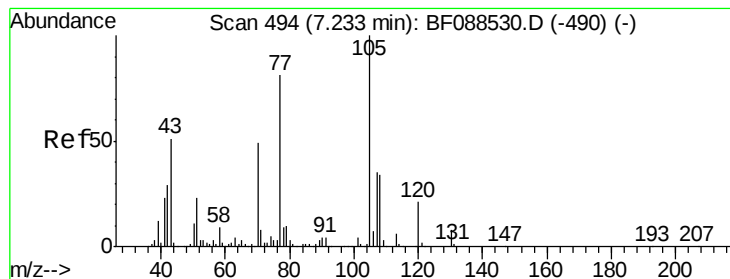


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 13.92 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF088602.D

Acq: 2 Jul 2016 5:01

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

Tgt Ion: 70 Resp: 105699

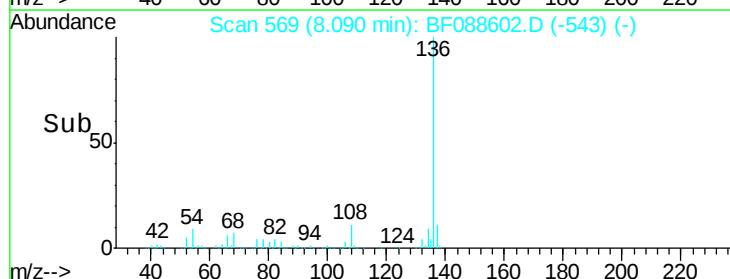
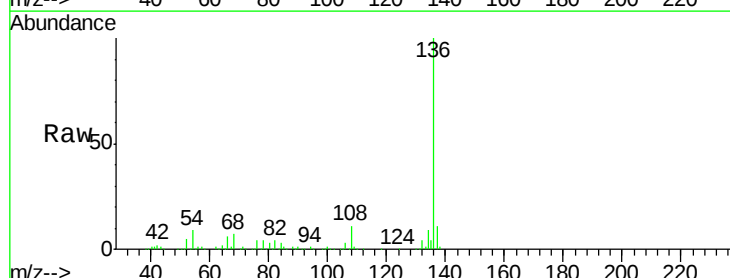
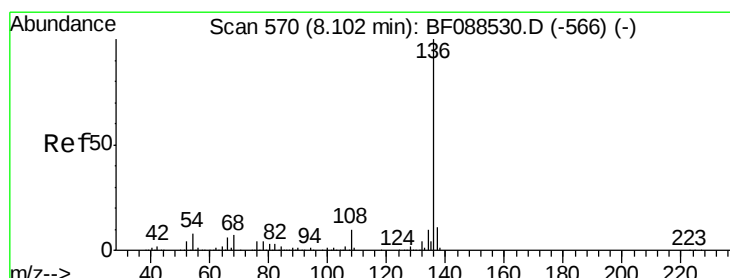
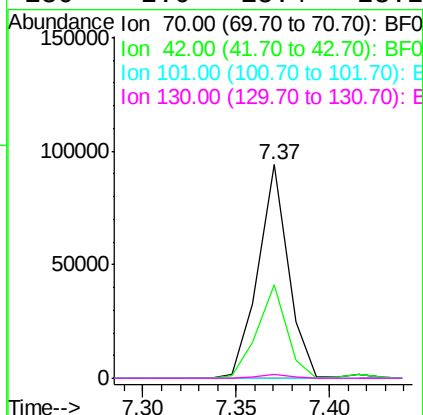
Ion Ratio Lower Upper

70 100

42 43.5 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: 8.09 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF088602.D

Acq: 2 Jul 2016 5:01

Tgt Ion: 136 Resp: 477620

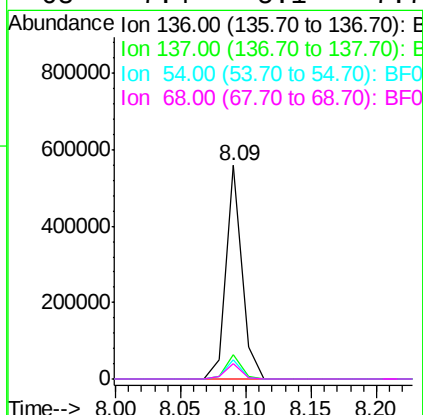
Ion Ratio Lower Upper

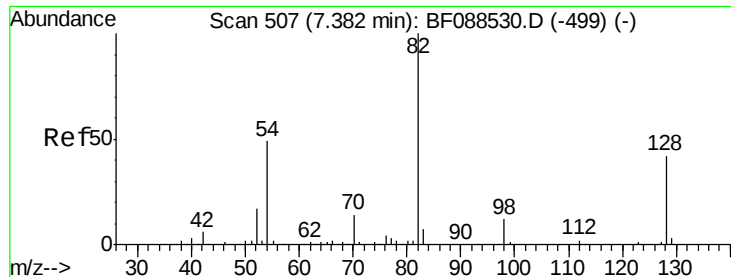
136 100

137 11.3 9.1 13.7

54 9.0 6.6 10.0

68 7.4 5.1 7.7

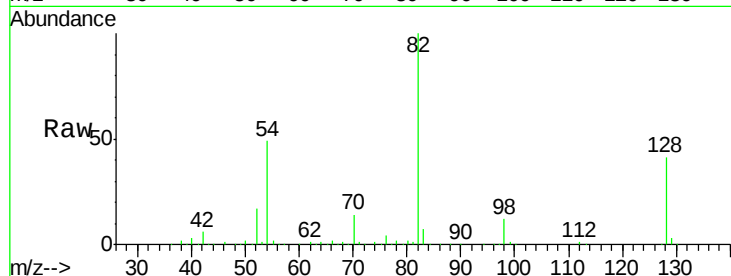




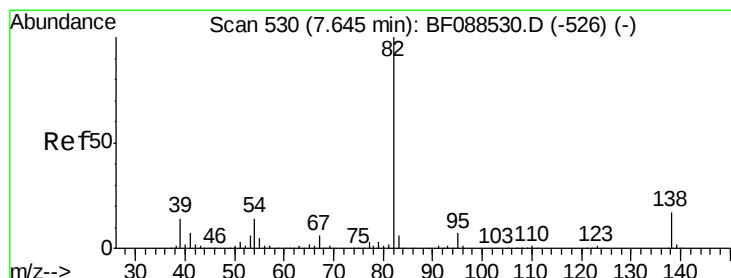
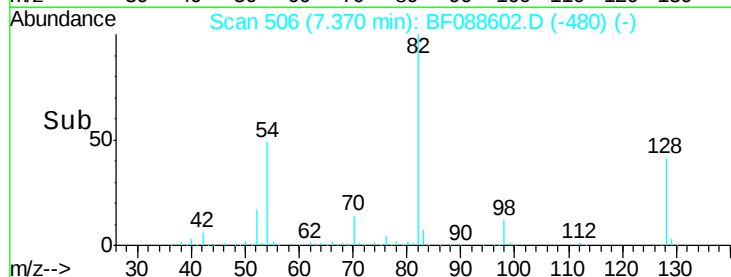
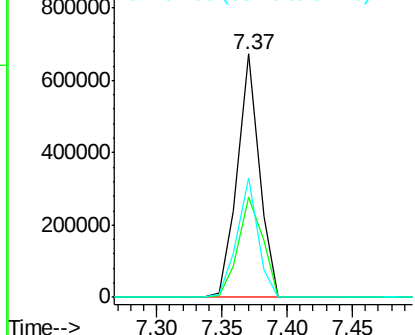
#23
 Nitrobenzene-d5
 Concen: 86.74 ng
 RT: 7.37 min Scan# 506
 Delta R.T. 0.00 min
 Lab File: BF088602.D
 Acq: 2 Jul 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	35.9	53.9
54	49.0	40.9	61.3

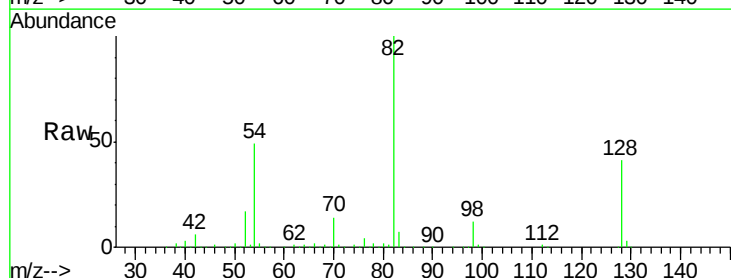


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

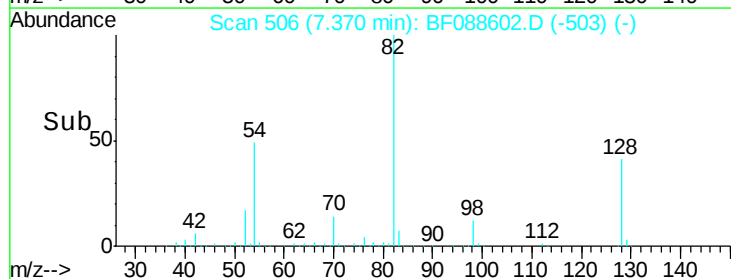
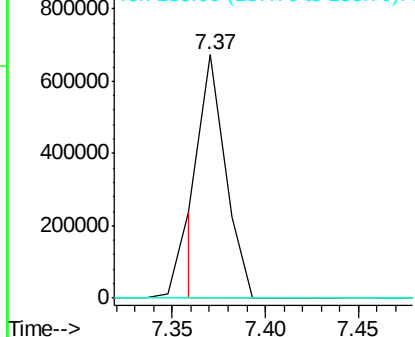


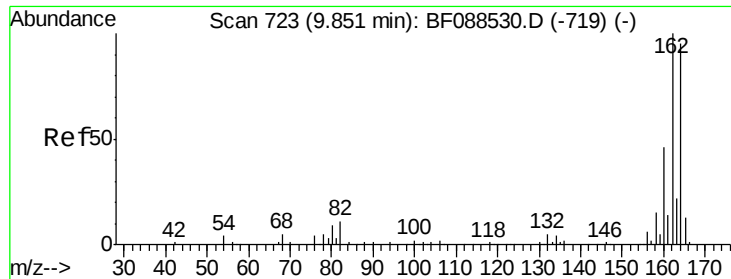
#25
 Isophorone
 Concen: 36.53 ng
 RT: 7.37 min Scan# 506
 Delta R.T. -0.26 min
 Lab File: BF088602.D
 Acq: 2 Jul 2016 5:01

Tgt 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

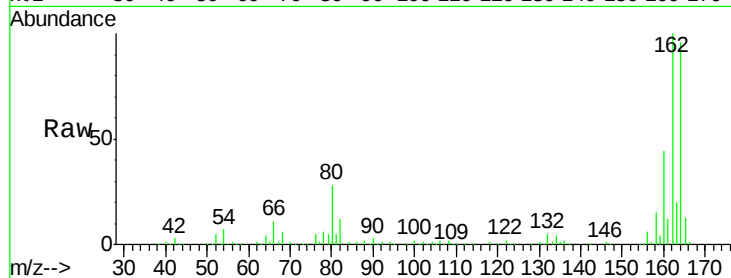




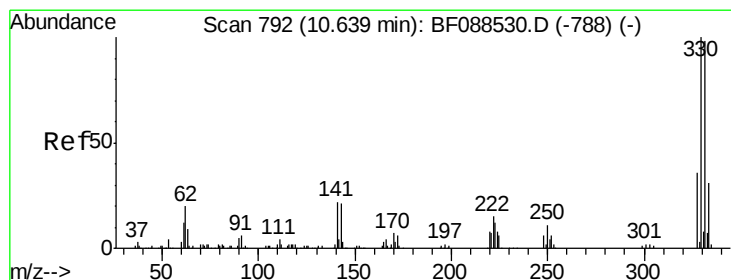
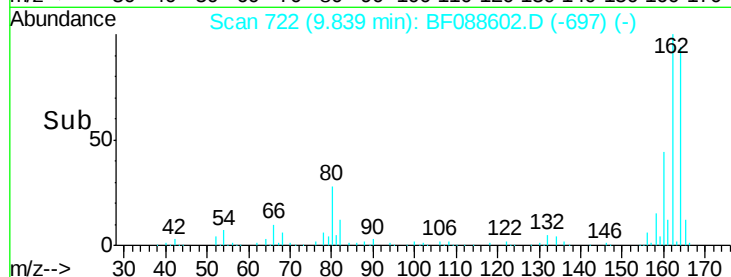
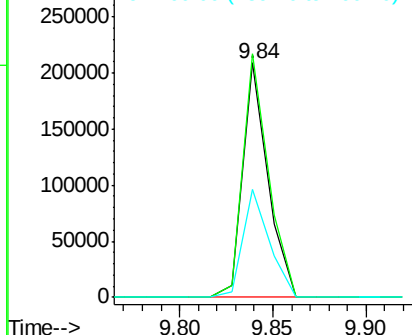
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.01 min
 Lab File: BF088602.D
 Acq: 2 Jul 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Tgt Ion:164 Resp: 195359
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.4 128.2
 160 46.1 39.5 59.3

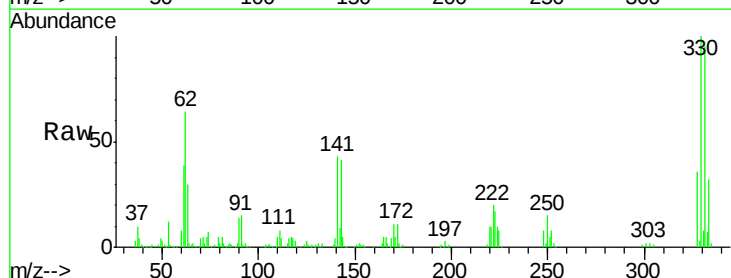


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

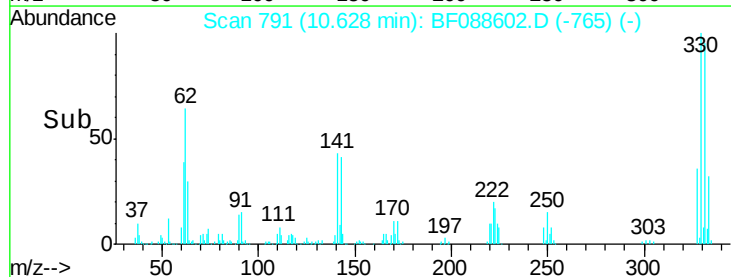
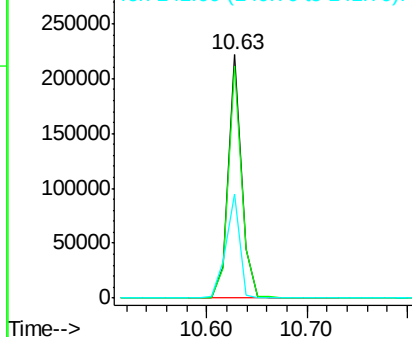


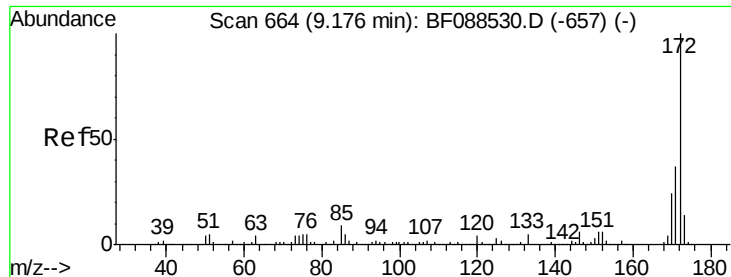
#41
 2,4,6-Tribromophenol
 Concen: 113.59 ng
 RT: 10.63 min Scan# 791
 Delta R.T. 0.00 min
 Lab File: BF088602.D
 Acq: 2 Jul 2016 5:01

Tgt Ion:330 Resp: 206067
 Ion Ratio Lower Upper
 330 100
 332 96.4 0.0 0.0#
 141 44.2 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

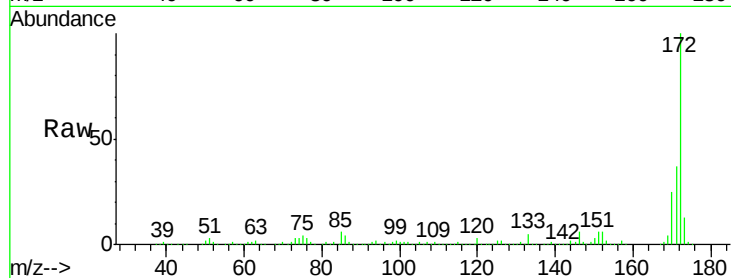




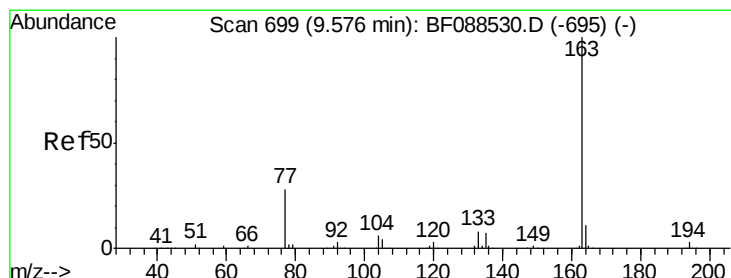
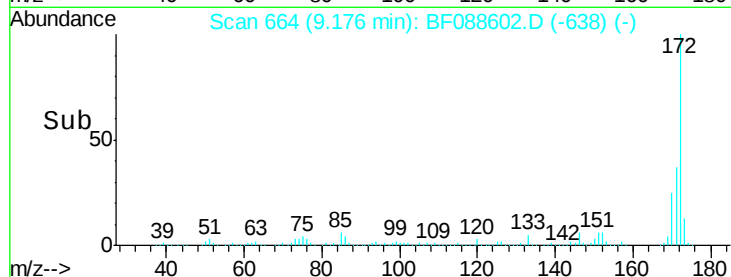
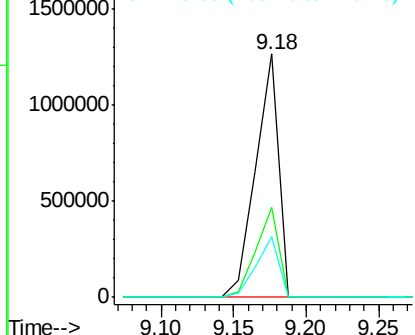
#44
 2-Fluorobiphenyl
 Concen: 111.64 ng
 RT: 9.18 min Scan# 664
 Delta R.T. 0.00 min
 Lab File: BF088602.D
 Acq: 2 Jul 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Tgt Ion:172 Resp: 1380720
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.6 43.0
 170 24.6 19.2 28.8

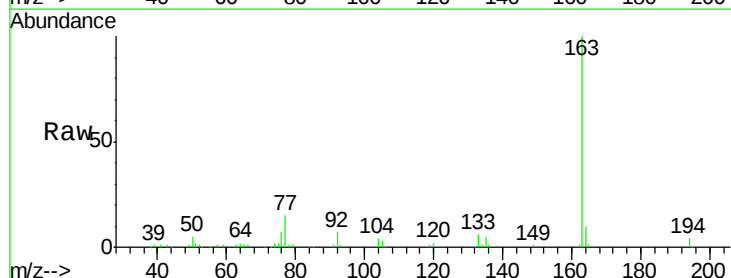


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

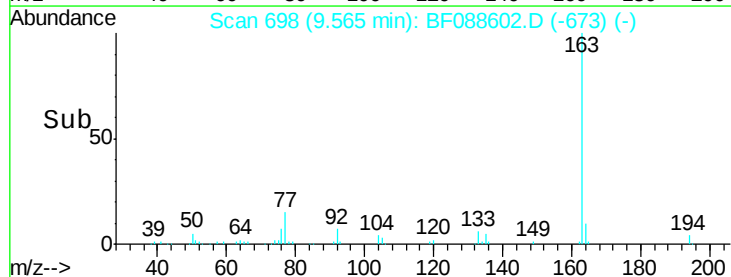
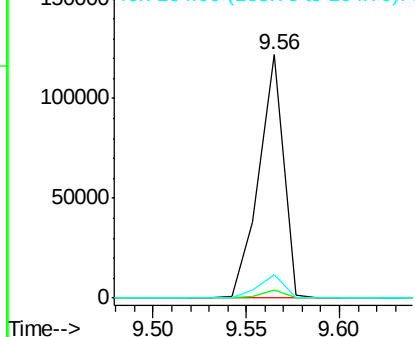


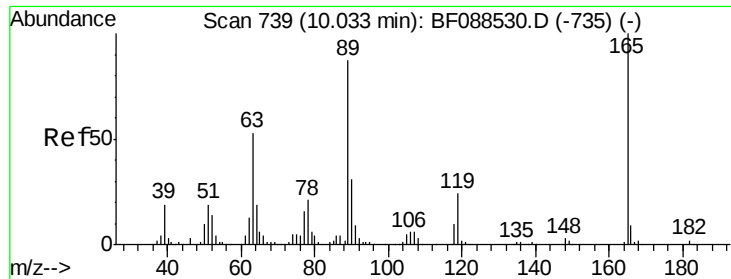
#49
 Dimethylphthalate
 Concen: 8.00 ng
 RT: 9.56 min Scan# 698
 Delta R.T. -0.01 min
 Lab File: BF088602.D
 Acq: 2 Jul 2016 5:01

Tgt Ion:163 Resp: 111293
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.8 4.2
 164 9.9 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

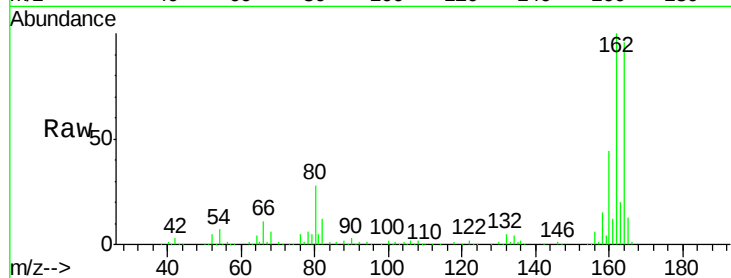




#56
 2,4-Dinitrotoluene
 Concen: 6.19 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.19 min
 Lab File: BF088602.D
 Acq: 2 Jul 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	22.0	33.0#
89	1.5	41.1	61.7#
182	0.0	2.0	3.0#



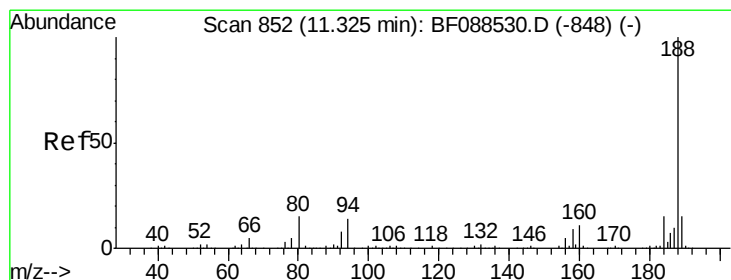
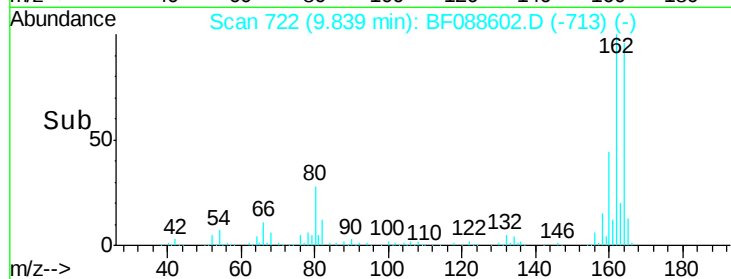
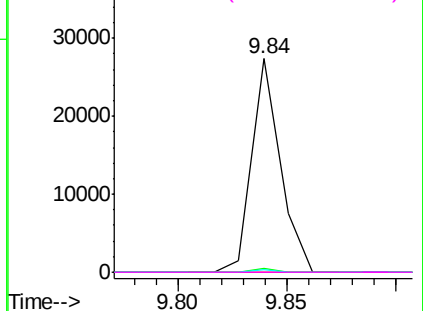
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

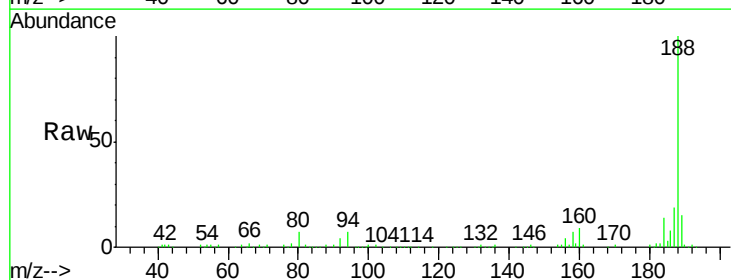
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.33 min Scan# 852
 Delta R.T. 0.00 min
 Lab File: BF088602.D
 Acq: 2 Jul 2016 5:01

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.6	9.0	13.6#
80	6.7	10.0	15.0#

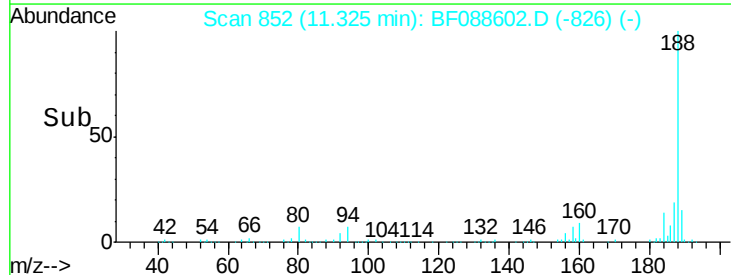
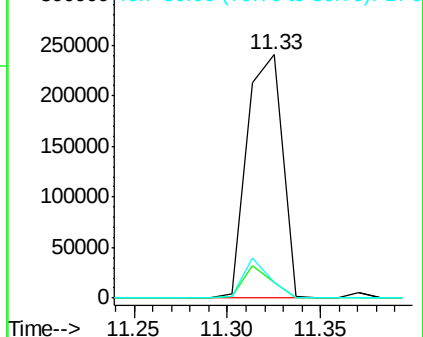


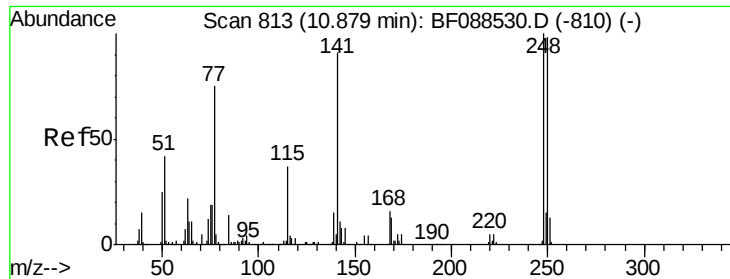
Abundance

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

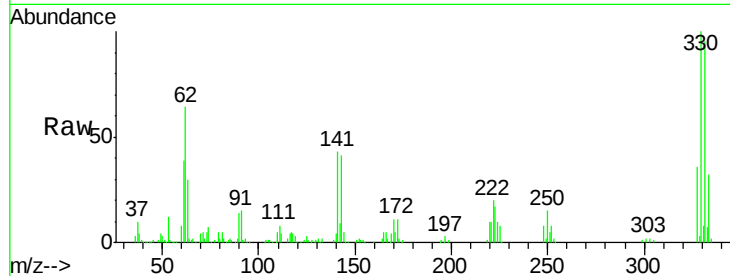




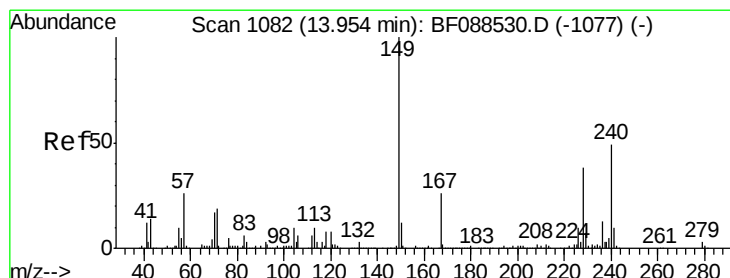
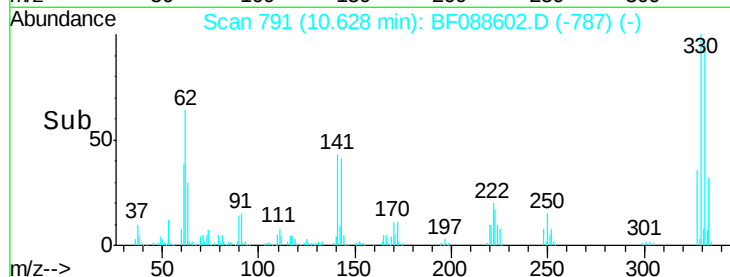
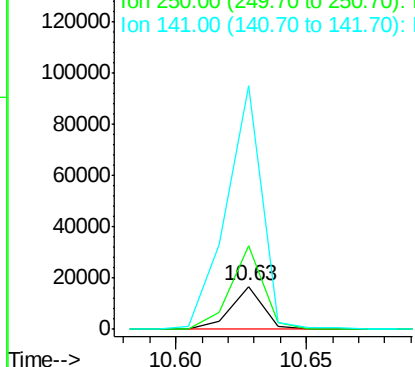
#66
 4-Bromophenyl-phenylether
 Concen: 4.62 ng
 RT: 10.63 min Scan# 791
 Delta R.T. -0.25 min
 Lab File: BF088602.D
 Acq: 2 Jul 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Tgt Ion:248 Resp: 14714
 Ion Ratio Lower Upper
 248 100
 250 192.6 77.1 115.7#
 141 565.0 50.6 76.0#

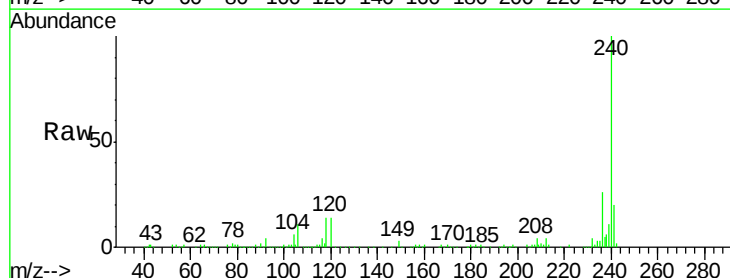


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

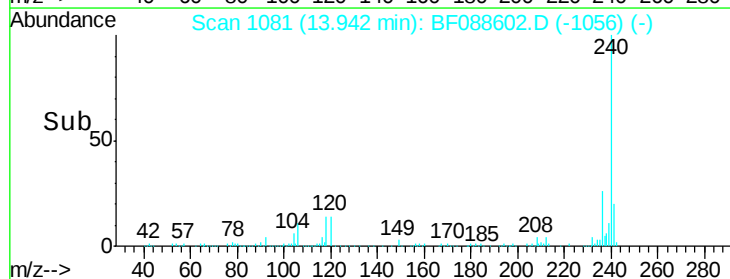
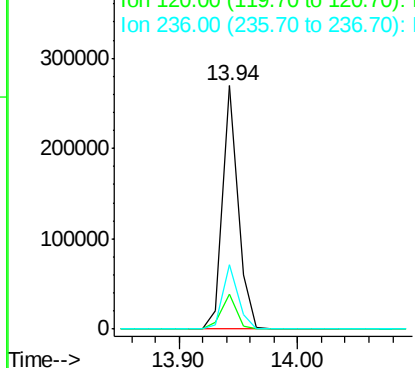


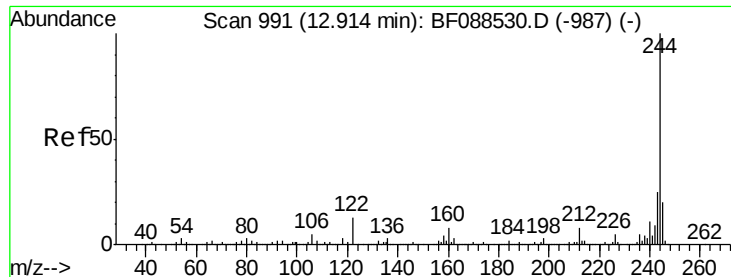
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1081
 Delta R.T. -0.01 min
 Lab File: BF088602.D
 Acq: 2 Jul 2016 5:01

Tgt Ion:240 Resp: 242928
 Ion Ratio Lower Upper
 240 100
 120 14.3 6.8 10.2#
 236 26.4 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

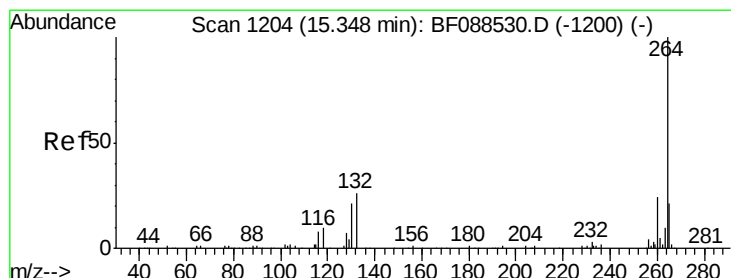
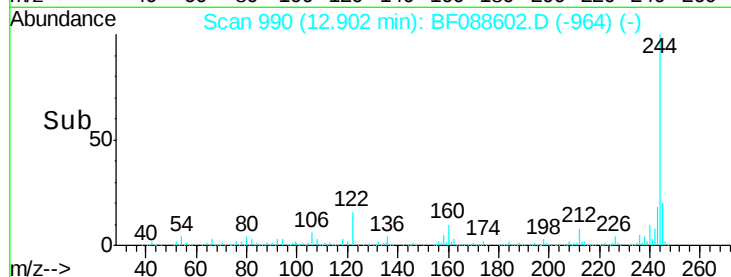
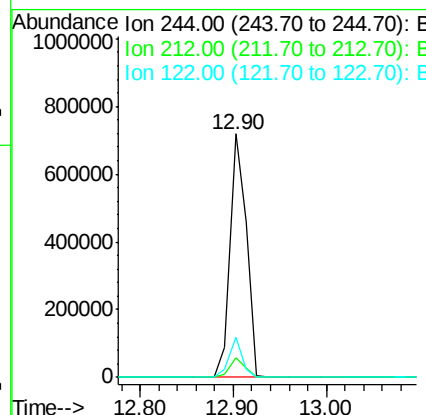
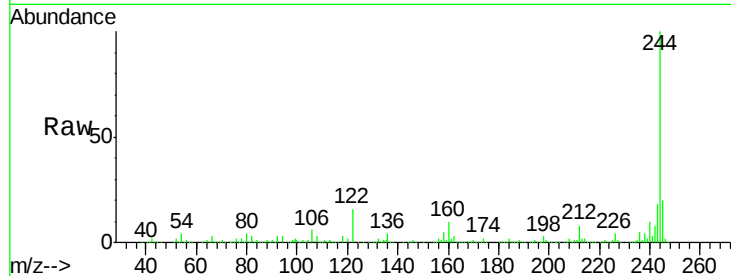




#78
 Terphenyl-d14
 Concen: 80.04 ng
 RT: 12.90 min Scan# 990
 Delta R.T. 0.00 min
 Lab File: BF088602.D
 Acq: 2 Jul 2016 5:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Tgt Ion:244 Resp: 873010
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 16.3 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF088602.D
 Acq: 2 Jul 2016 5:01

Tgt Ion:264 Resp: 202973
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.4 16.9 25.3

