

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070116\
 Data File : BF088593.D
 Acq On : 2 Jul 2016 00:37
 Operator : UM/SJ
 Sample : H3816-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Quant Time: Jul 02 02:20:01 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

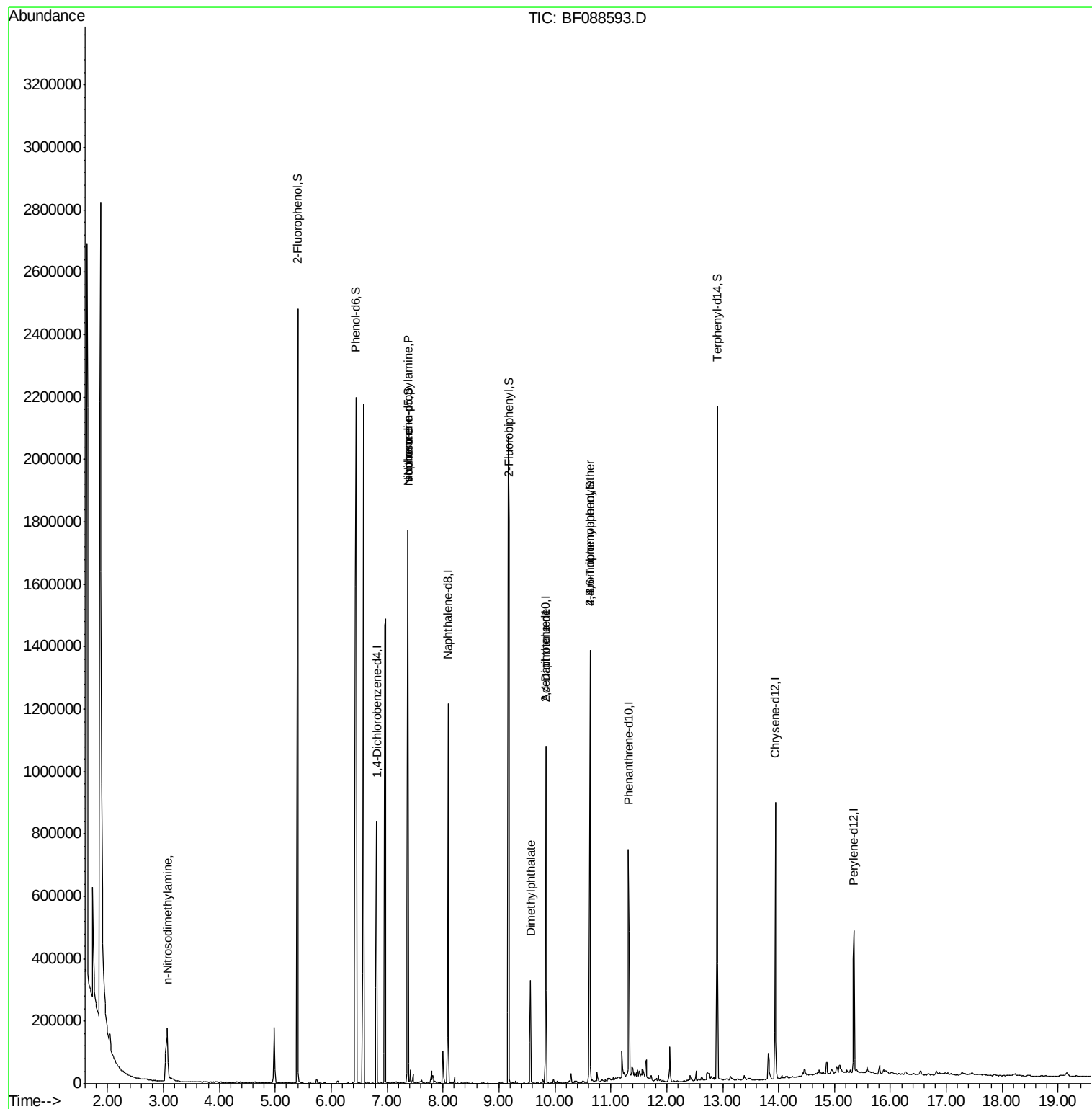
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	130504	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	481704	20.00	ng	-0.01
38) Acenaphthene-d10	9.84	164	205234	20.00	ng	-0.01
63) Phenanthrene-d10	11.31	188	322774	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	251183	20.00	ng	-0.01
86) Perylene-d12	15.35	264	222841	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	749496	86.07	ng	0.00
7) Phenol-d6	6.44	99	1057785	94.01	ng	0.00
23) Nitrobenzene-d5	7.37	82	589365	64.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	166397	87.31	ng	-0.01
44) 2-Fluorobiphenyl	9.18	172	964231	74.21	ng	0.00
78) Terphenyl-d14	12.90	244	624919	55.41	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	3.07	42	11209	2.34	ng	# 1
19) n-Nitroso-di-n-propylamine	7.37	70	80250	10.62	ng	# 73
25) Isophorone	7.37	82	445046	26.14	ng	# 65
49) Dimethylphthalate	9.56	163	149831	10.25	ng	99
56) 2,4-Dinitrotoluene	9.84	165	26820	6.33	ng	# 38
66) 4-Bromophenyl-phenylether	10.63	248	11567	3.56	ng	# 1

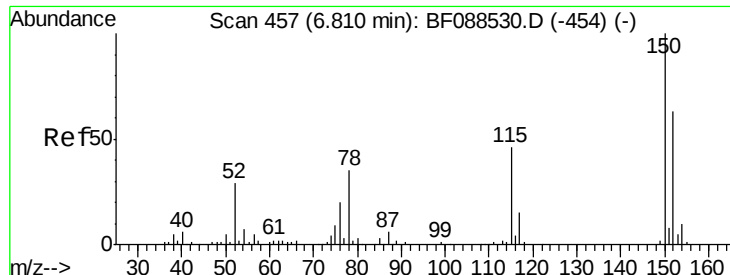
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 457

Delta R.T. -0.00 min

Lab File: BF088593.D

Acq: 2 Jul 2016 00:37

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BNA_F

ClientSampleId :

SB-07-COMP

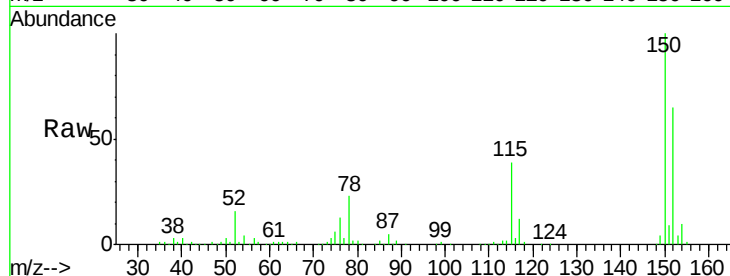
Tgt Ion:152 Resp: 130504

Ion Ratio Lower Upper

152 100

150 154.4 123.8 185.6

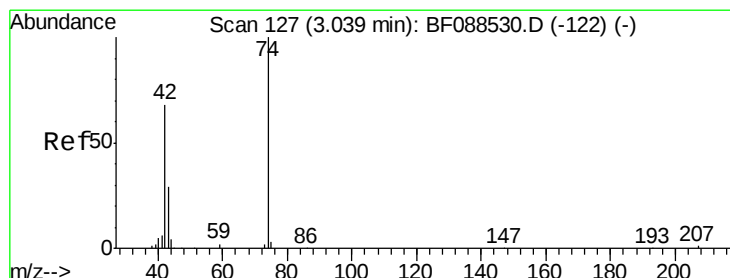
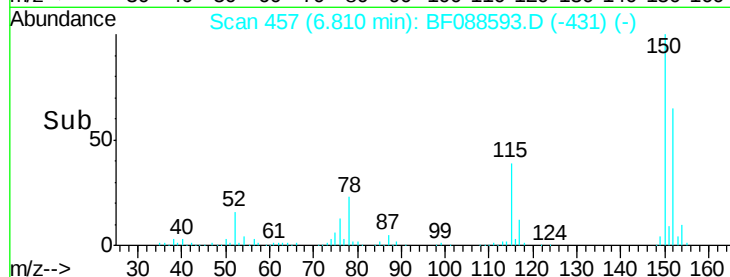
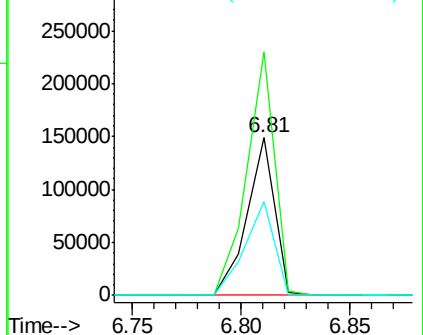
115 59.6 39.6 59.4#



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



#4

n-Nitrosodimethylamine

Concen: 2.34 ng

RT: 3.07 min Scan# 130

Delta R.T. 0.03 min

Lab File: BF088593.D

Acq: 2 Jul 2016 00:37

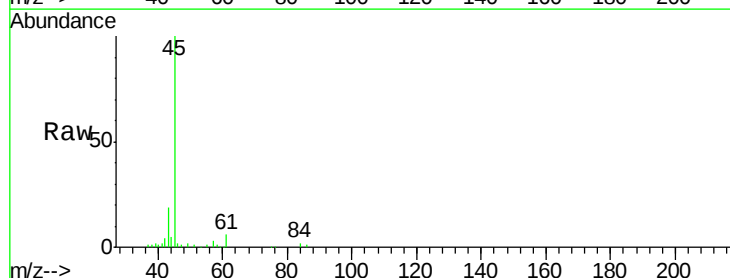
Tgt Ion: 42 Resp: 11209

Ion Ratio Lower Upper

42 100

74 0.0 108.6 163.0#

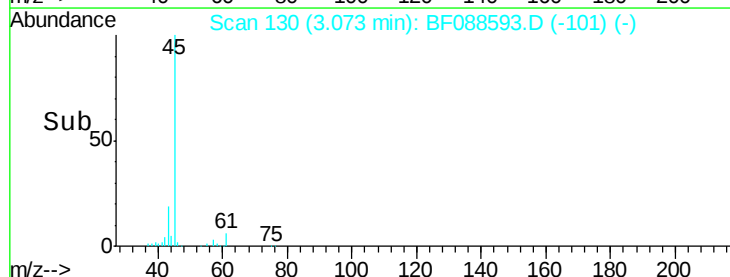
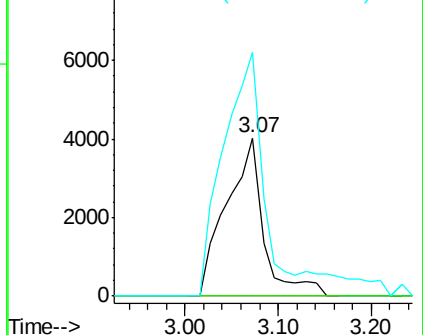
44 154.1 5.5 8.3#

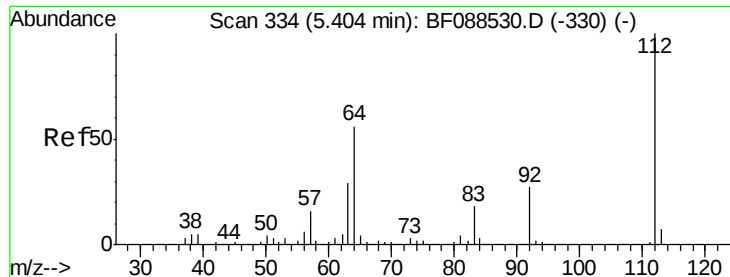


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 86.07 ng

RT: 5.40 min Scan# 334

Delta R.T. 0.00 min

Lab File: BF088593.D

Acq: 2 Jul 2016 00:37

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

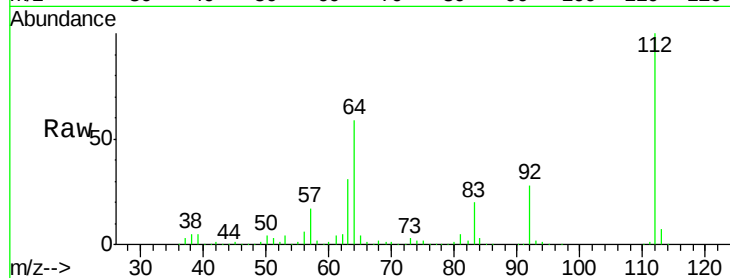
Tgt Ion: 112 Resp: 749496

Ion Ratio Lower Upper

112 100

64 58.6 42.2 63.2

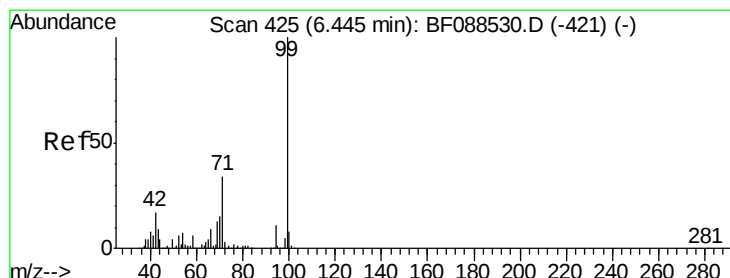
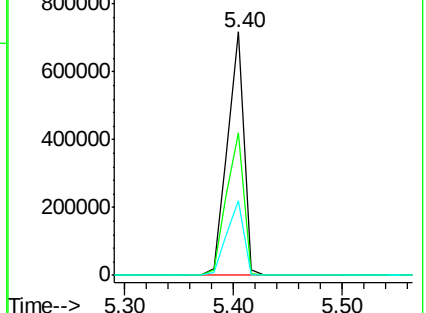
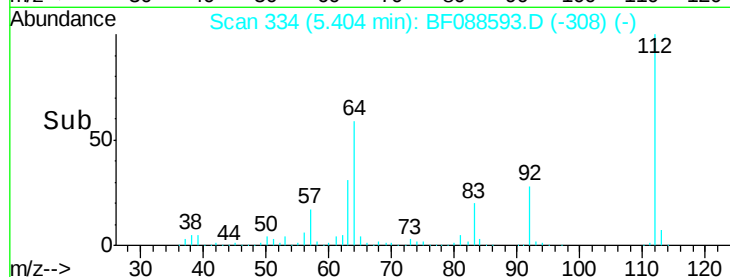
63 30.5 21.8 32.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 94.01 ng

RT: 6.44 min Scan# 425

Delta R.T. -0.00 min

Lab File: BF088593.D

Acq: 2 Jul 2016 00:37

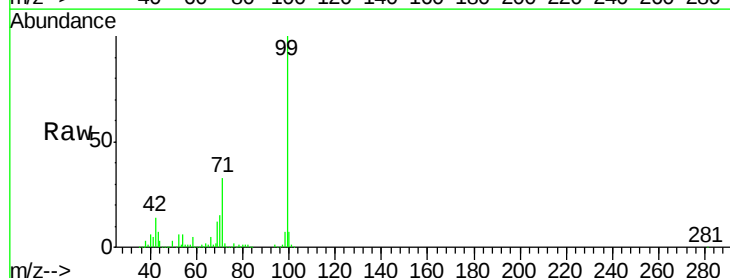
Tgt Ion: 99 Resp: 1057785

Ion Ratio Lower Upper

99 100

42 14.5 12.2 18.2

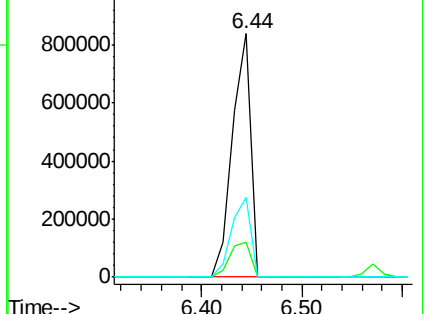
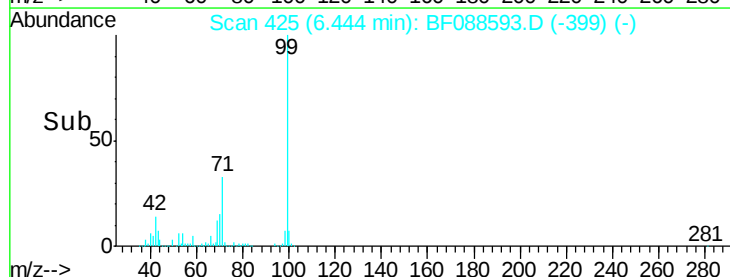
71 32.6 23.4 35.0

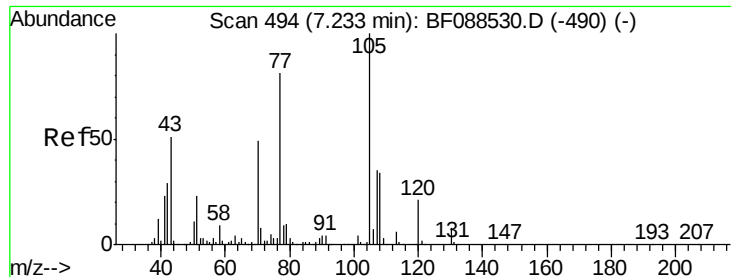


Abundance Ion 99.00 (98.70 to 99.70): BF0

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: 10.62 ng

RT: 7.37 min Scan# 506

Delta R.T. 0.14 min

Lab File: BF088593.D

Acq: 2 Jul 2016 00:37

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

Tgt Ion: 70 Resp: 80250

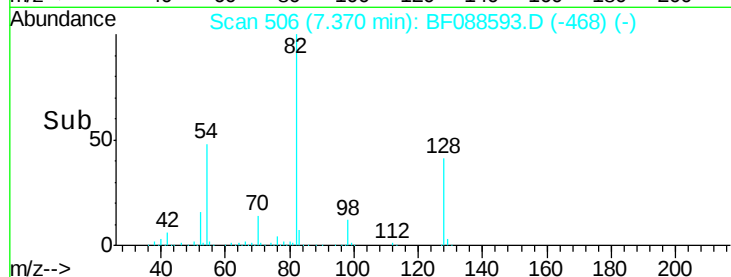
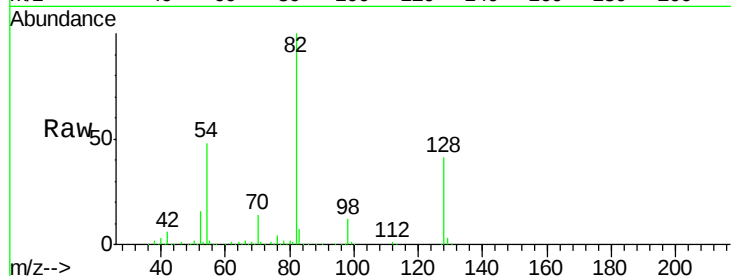
Ion Ratio Lower Upper

70 100

42 44.1 49.6 74.4#

101 0.0 7.1 10.7#

130 2.0 15.4 23.2#

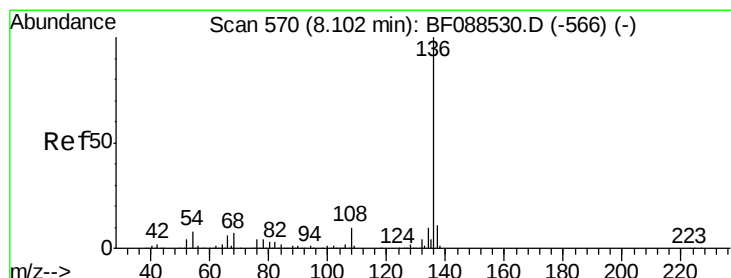
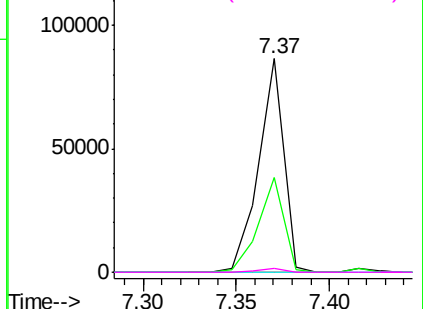


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.09 min Scan# 569

Delta R.T. -0.01 min

Lab File: BF088593.D

Acq: 2 Jul 2016 00:37

Tgt Ion:136 Resp: 481704

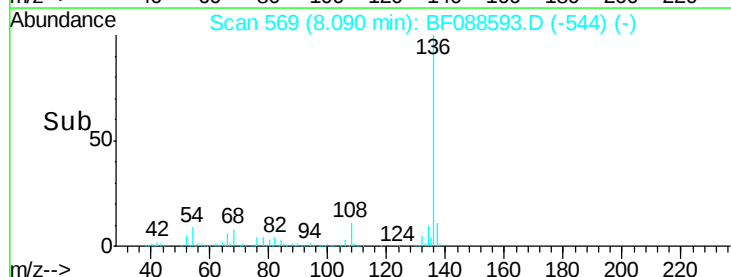
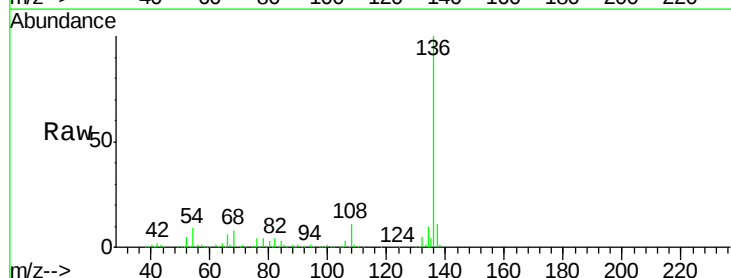
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.9 6.6 10.0

68 7.6 5.1 7.7

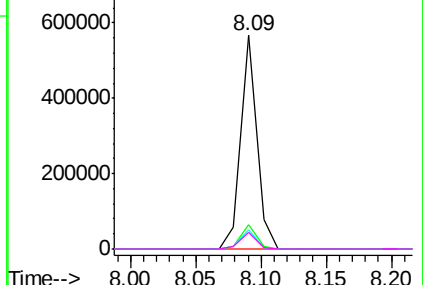


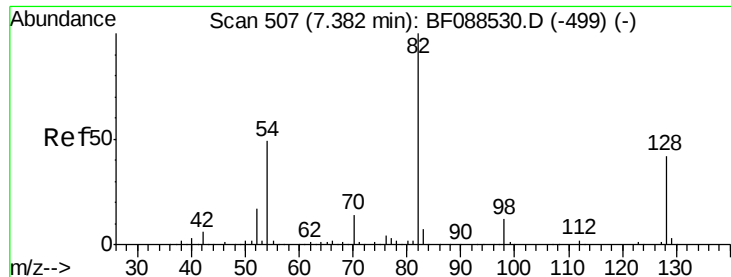
Abundance Ion 136.00 (135.70 to 136.70): E

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

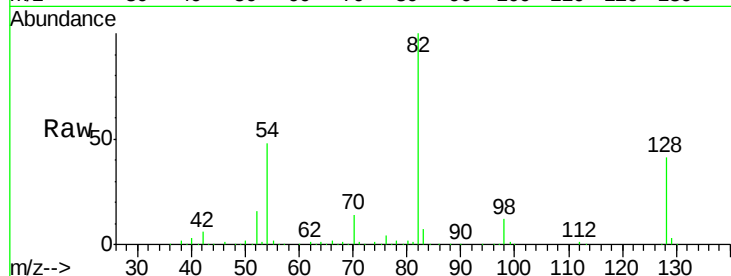




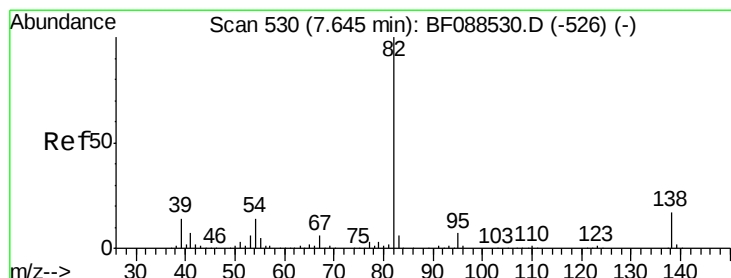
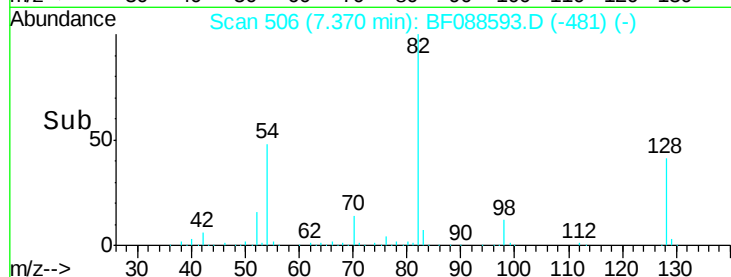
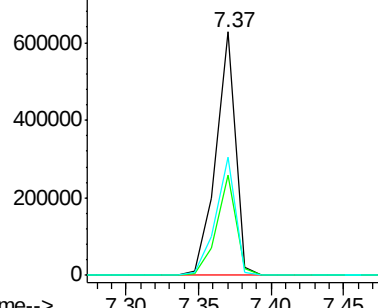
#23
Nitrobenzene-d5
Concen: 64.12 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.01 min
Lab File: BF088593.D
Acq: 2 Jul 2016 00:37

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.9	35.9	53.9
54	48.4	40.9	61.3

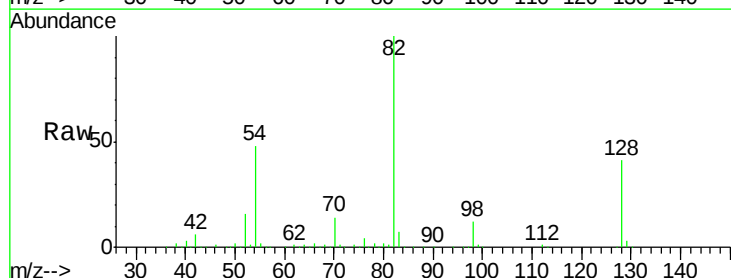


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

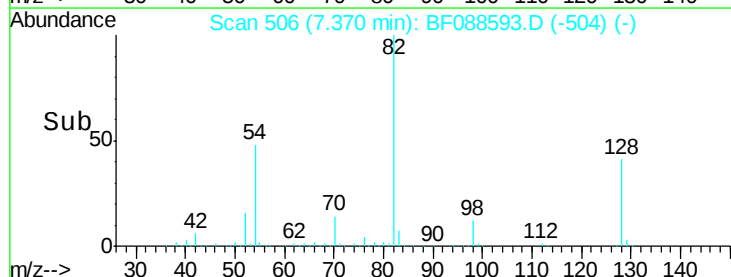
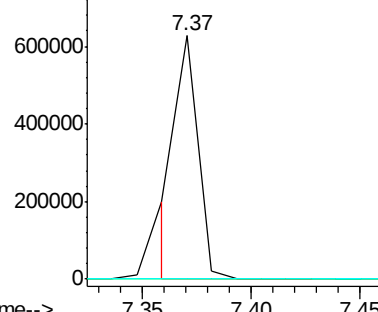


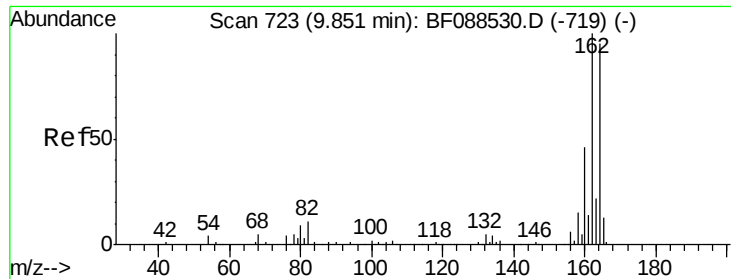
#25
Isophorone
Concen: 26.14 ng
RT: 7.37 min Scan# 506
Delta R.T. -0.27 min
Lab File: BF088593.D
Acq: 2 Jul 2016 00:37

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

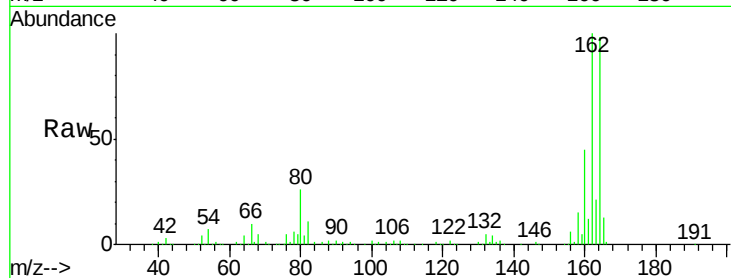




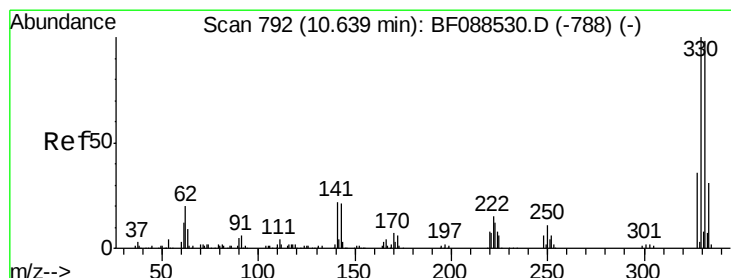
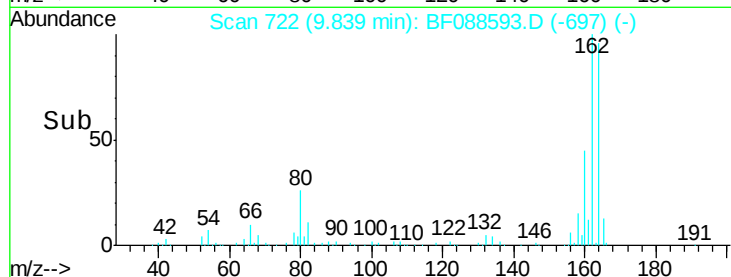
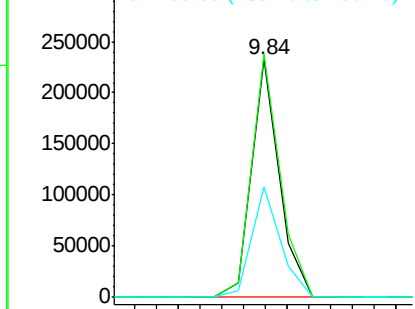
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.84 min Scan# 722
Delta R.T. -0.01 min
Lab File: BF088593.D
Acq: 2 Jul 2016 00:37

Instrument :
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SB-07-COMP

Tgt Ion:164 Resp: 205234
Ion Ratio Lower Upper
164 100
162 102.1 85.4 128.2
160 46.4 39.5 59.3

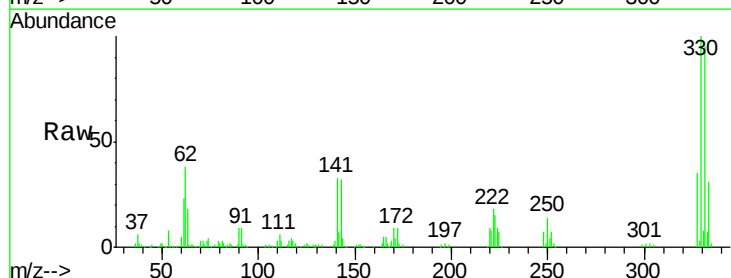


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

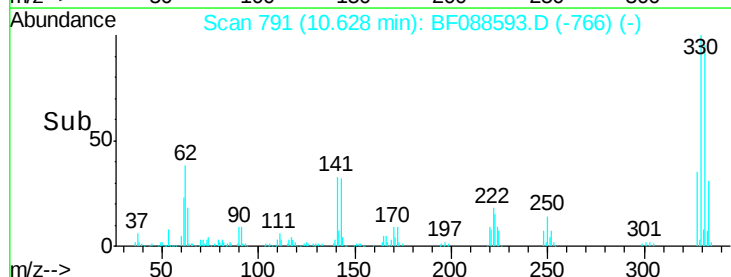
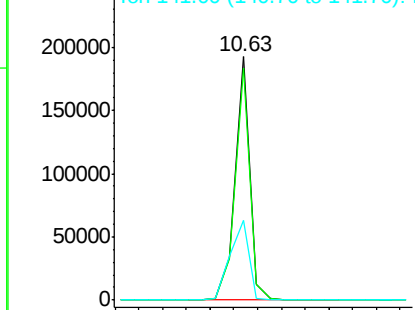


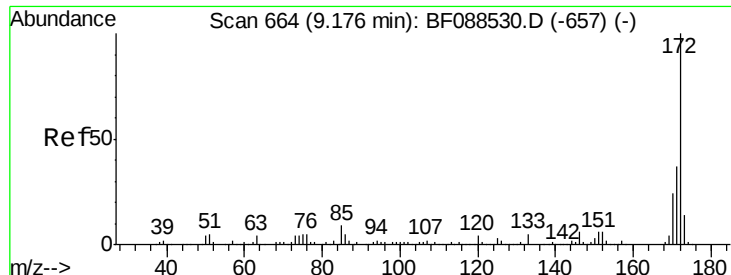
#41
2,4,6-Tribromophenol
Concen: 87.31 ng
RT: 10.63 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF088593.D
Acq: 2 Jul 2016 00:37

Tgt Ion:330 Resp: 166397
Ion Ratio Lower Upper
330 100
332 95.9 0.0 0.0#
141 41.5 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

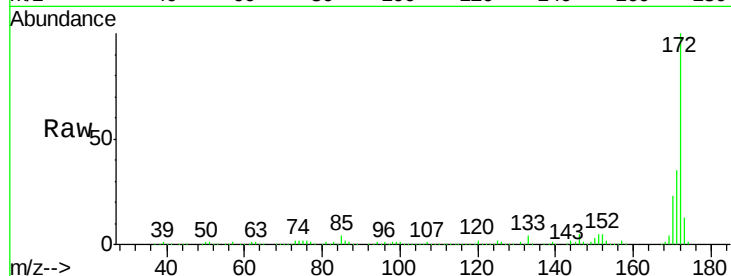




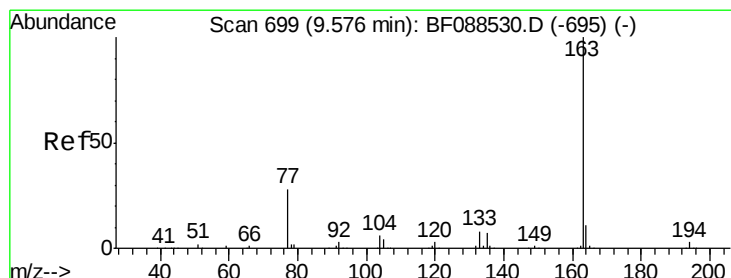
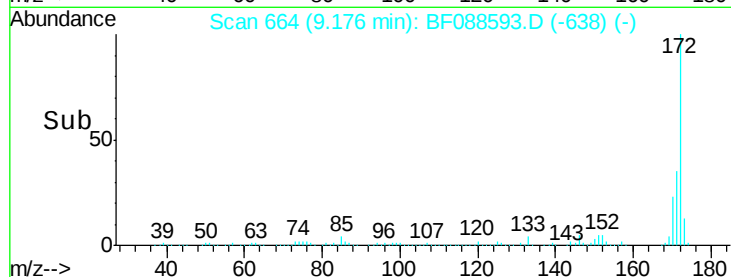
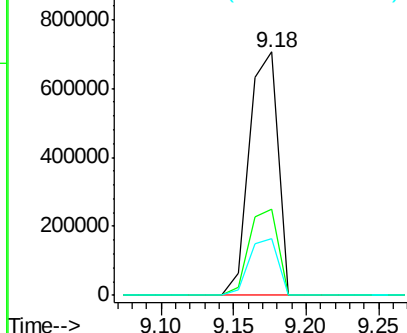
#44
2-Fluorobiphenyl
Concen: 74.21 ng
RT: 9.18 min Scan# 664
Delta R.T. -0.00 min
Lab File: BF088593.D
Acq: 2 Jul 2016 00:37

Instrument :
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SB-07-COMP

Tgt Ion:172 Resp: 964231
Ion Ratio Lower Upper
172 100
171 35.4 28.6 43.0
170 23.5 19.2 28.8

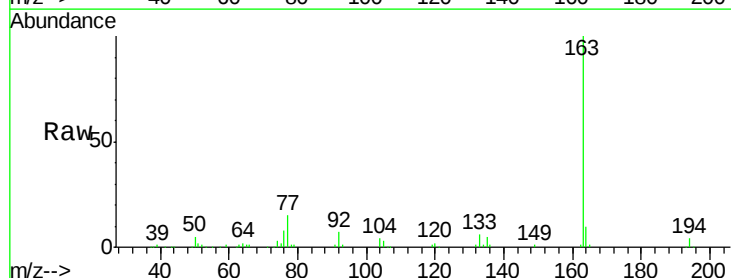


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

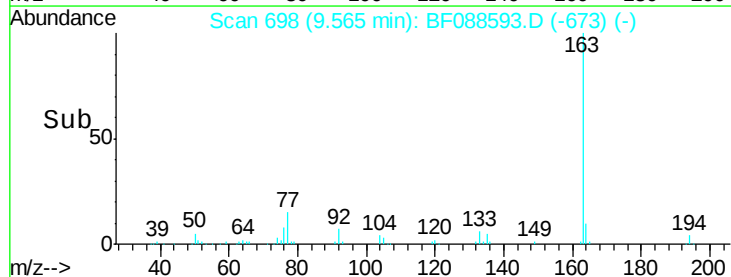
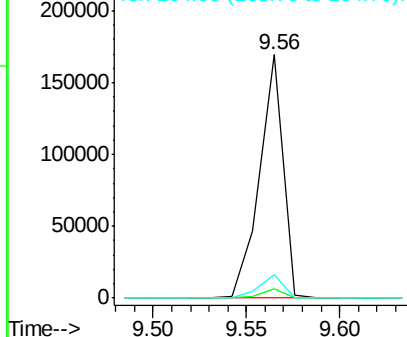


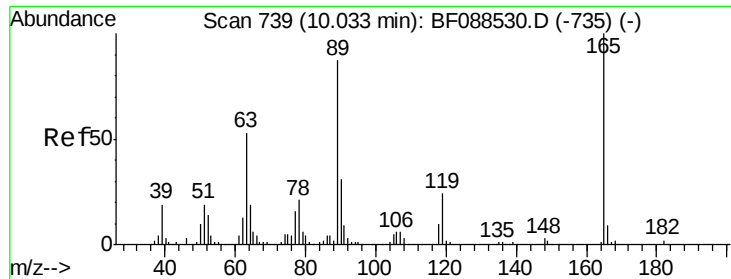
#49
Dimethylphthalate
Concen: 10.25 ng
RT: 9.56 min Scan# 698
Delta R.T. -0.01 min
Lab File: BF088593.D
Acq: 2 Jul 2016 00:37

Tgt Ion:163 Resp: 149831
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 9.8 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

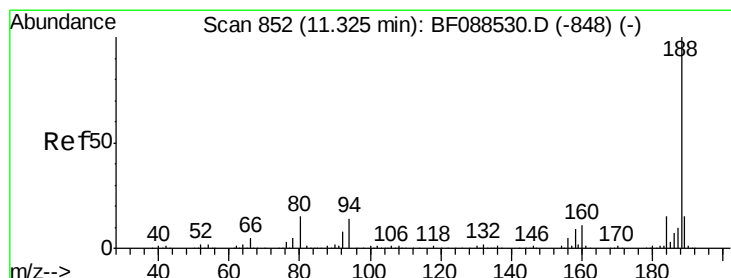
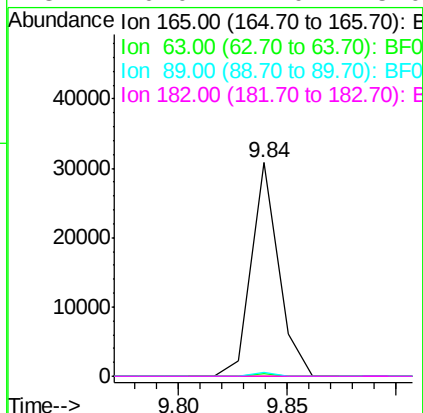
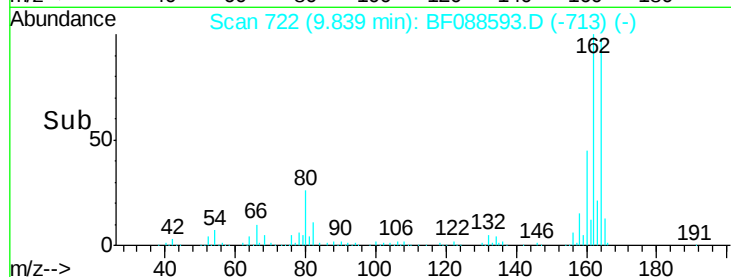
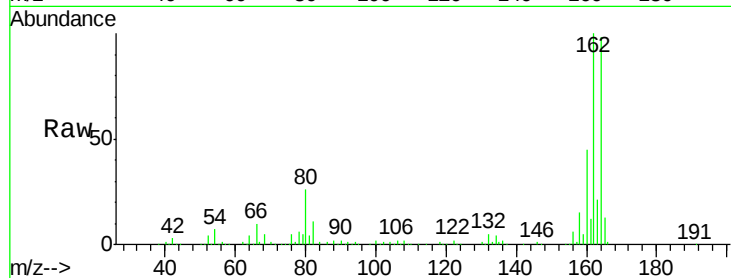




#56
 2,4-Dinitrotoluene
 Concen: 6.33 ng
 RT: 9.84 min Scan# 722
 Delta R.T. -0.19 min
 Lab File: BF088593.D
 Acq: 2 Jul 2016 00:37

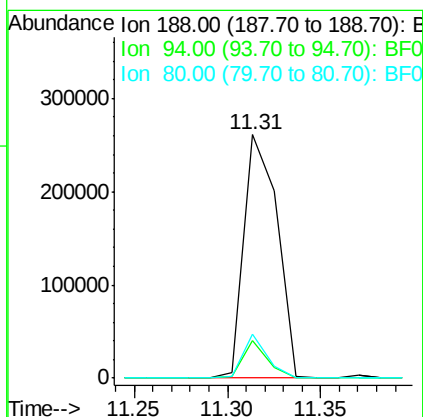
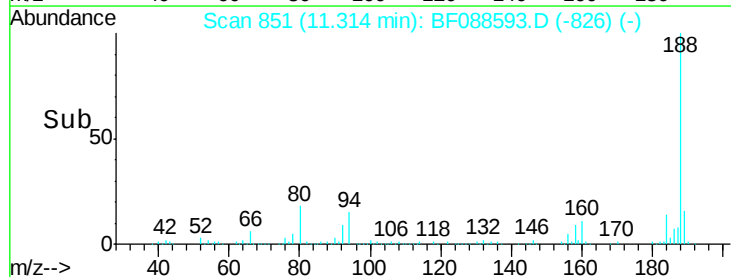
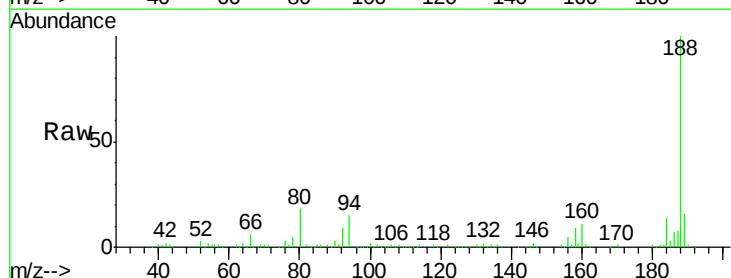
Instrument :
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 ClientSampleId :
 SB-07-COMP

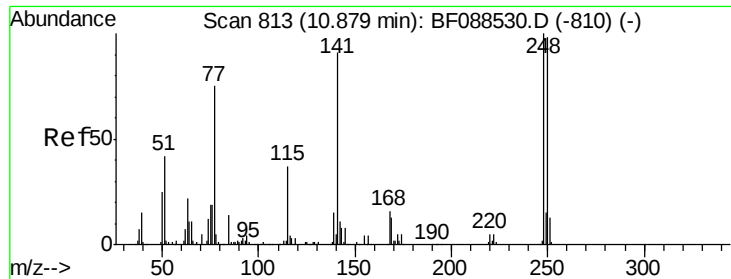
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	22.0	33.0#
89	2.0	41.1	61.7#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.31 min Scan# 851
 Delta R.T. -0.01 min
 Lab File: BF088593.D
 Acq: 2 Jul 2016 00:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	15.3	9.0	13.6#
80	18.2	10.0	15.0#





#66

4-Bromophenyl-phenylether

Concen: 3.56 ng

RT: 10.63 min Scan# 791

Delta R.T. -0.25 min

Lab File: BF088593.D

Acq: 2 Jul 2016 00:37

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

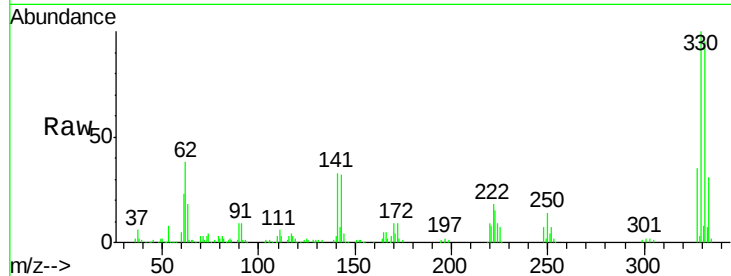
Tgt Ion:248 Resp: 11567

Ion Ratio Lower Upper

248 100

250 209.2 77.1 115.7#

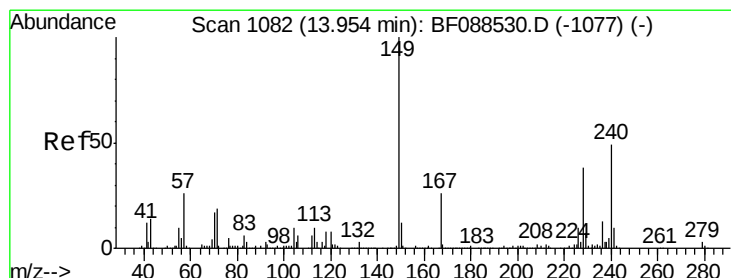
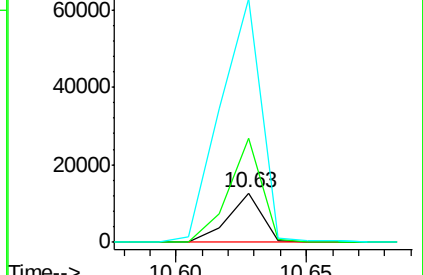
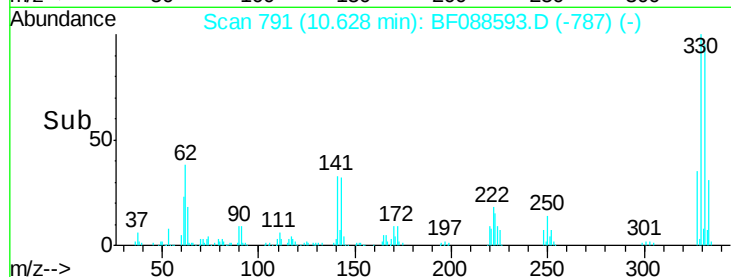
141 490.0 50.6 76.0#



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: BF088593.D

Acq: 2 Jul 2016 00:37

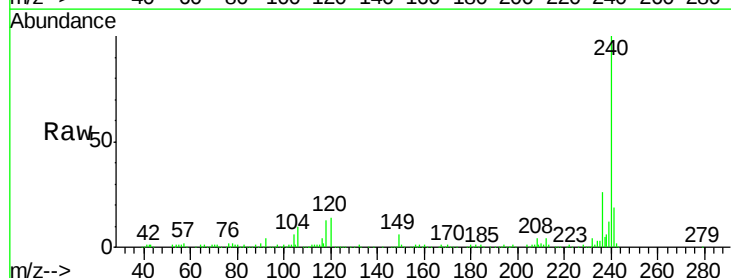
Tgt Ion:240 Resp: 251183

Ion Ratio Lower Upper

240 100

120 13.8 6.8 10.2#

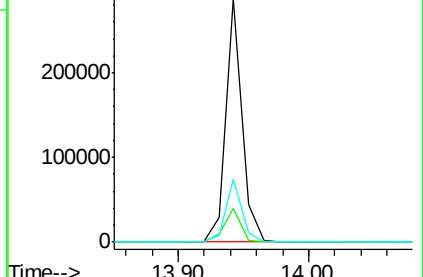
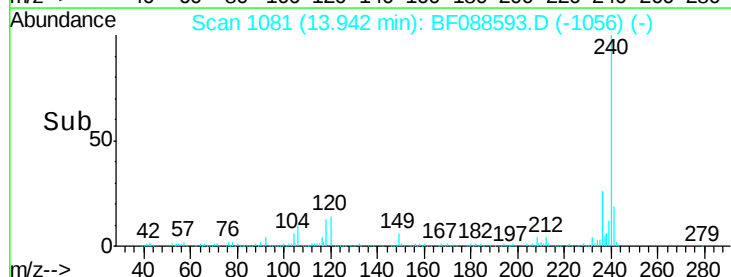
236 26.1 20.2 30.2

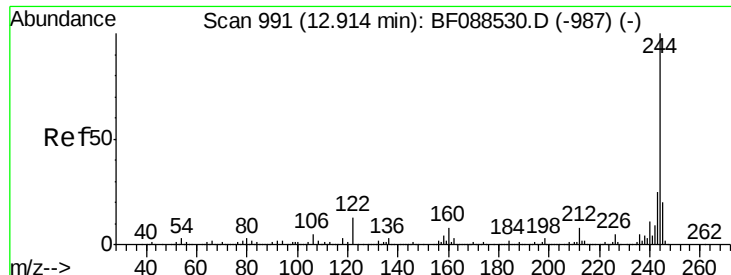


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 55.41 ng

RT: 12.90 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF088593.D

Acq: 2 Jul 2016 00:37

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

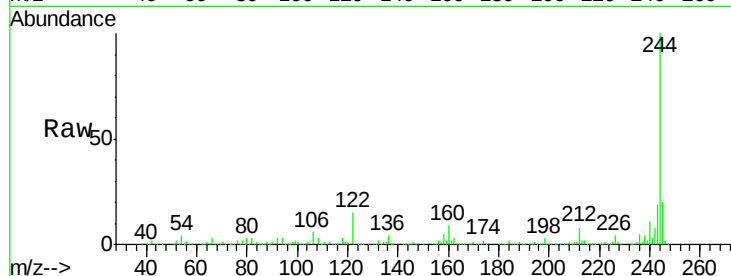
Tgt Ion:244 Resp: 624919

Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

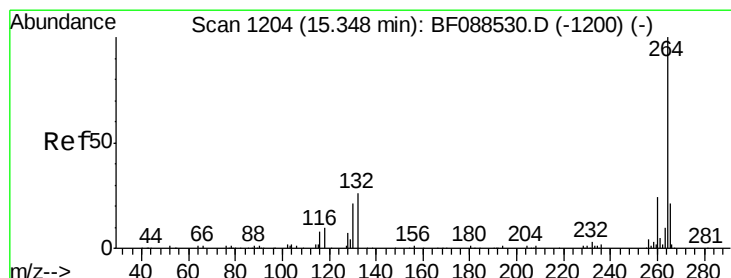
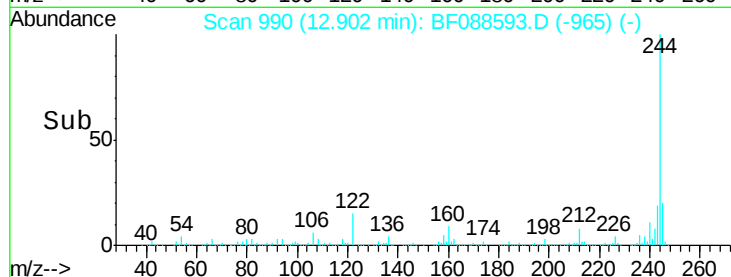
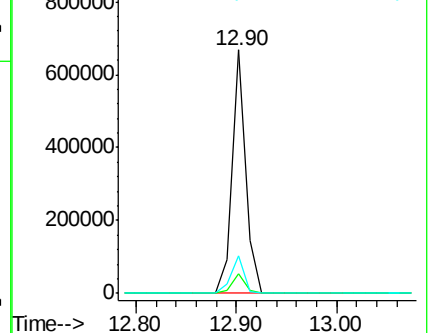
122 15.4 11.2 16.8



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: 15.35 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF088593.D

Acq: 2 Jul 2016 00:37

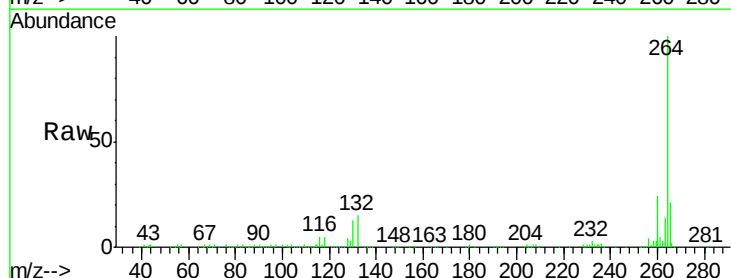
Tgt Ion:264 Resp: 222841

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.1 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

