

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020217\
 Data File : BF092739.D
 Acq On : 2 Feb 2017 17:10
 Operator : SJ/MA
 Sample : I1664-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-275032-COMP-0-2FT

Quant Time: Feb 02 23:54:08 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

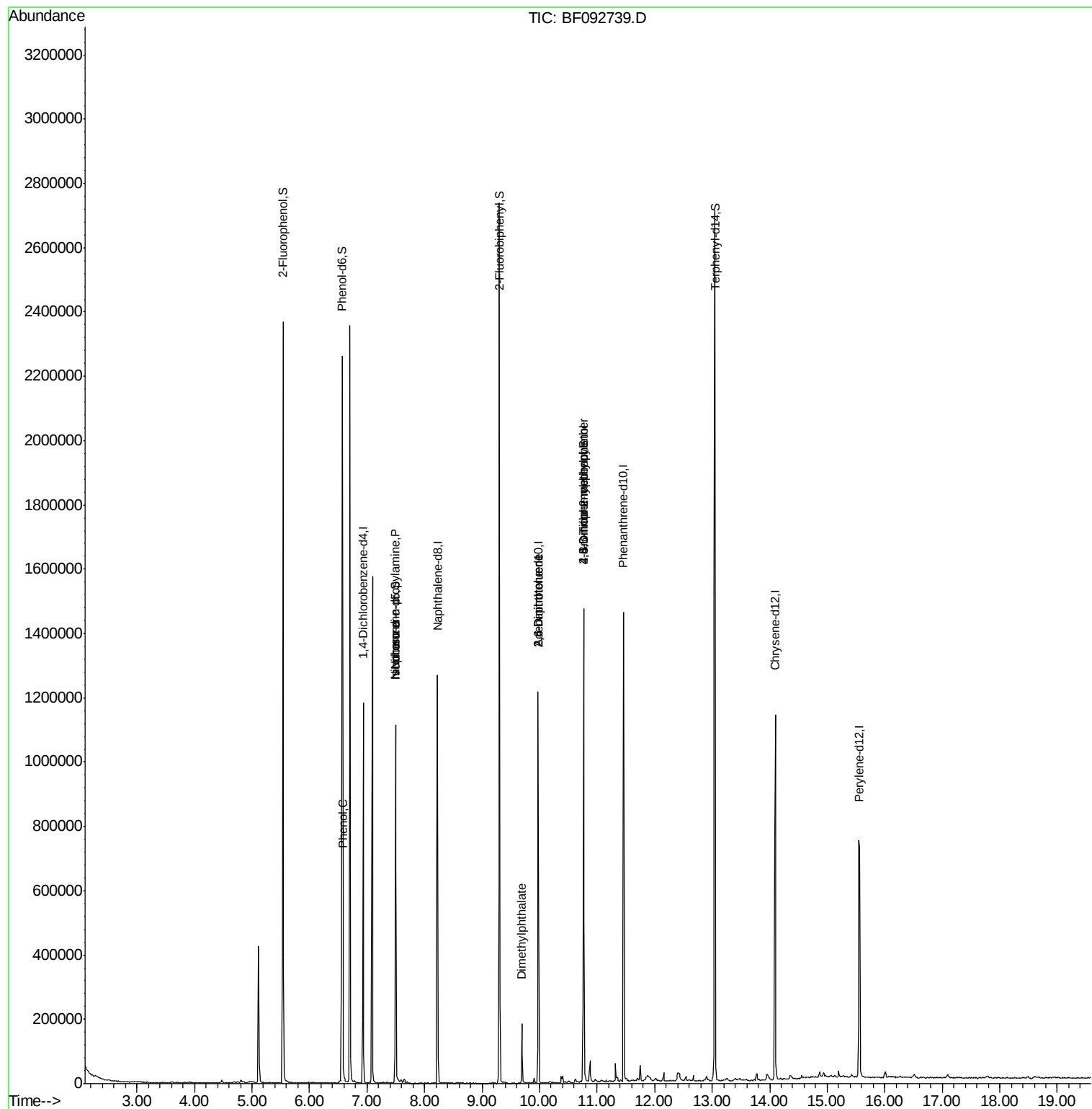
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	162702	20.00	ng	-0.03
21) Naphthalene-d8	8.22	136	563106	20.00	ng	-0.03
38) Acenaphthene-d10	9.97	164	295322	20.00	ng	-0.03
63) Phenanthrene-d10	11.46	188	509219	20.00	ng	-0.03
75) Chrysene-d12	14.10	240	494720	20.00	ng	-0.05
86) Perylene-d12	15.56	264	426020	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	595605	62.80	ng	-0.03
7) Phenol-d6	6.57	99	754937	61.87	ng	-0.03
23) Nitrobenzene-d5	7.49	82	445805	44.09	ng	-0.05
41) 2,4,6-Tribromophenol	10.76	330	182614	85.50	ng	-0.05
44) 2-Fluorobiphenyl	9.30	172	863043	52.94	ng	-0.03
78) Terphenyl-d14	13.05	244	989418	46.99	ng	-0.03
Target Compounds						
10) Phenol	6.58	94	31006	2.17	ng	Qvalue 92
19) n-Nitroso-di-n-propylamine	7.49	70	57269	7.37	ng	# 89
25) Isophorone	7.49	82	427365	22.68	ng	# 65
49) Dimethylphthalate	9.69	163	94794	4.77	ng	100
50) 2,6-Dinitrotoluene	9.97	165	37402	8.71	ng	# 30
56) 2,4-Dinitrotoluene	9.97	165	37404	6.54	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.76	198	270	2.75	ng	# 1
66) 4-Bromophenyl-phenylether	10.76	248	13203	2.48	ng	# 1

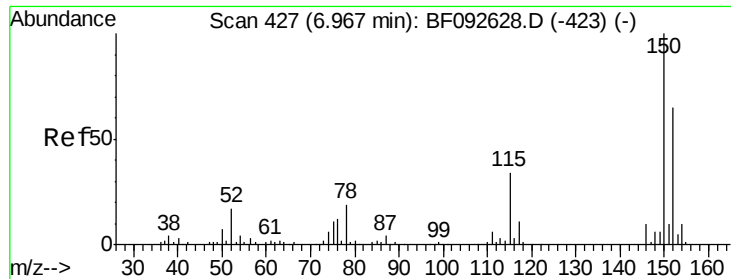
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.93 min Scan# 424

Delta R.T. -0.03 min

Lab File: BF092739.D

Acq: 2 Feb 2017 17:10

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-275032-COMP-0-2FT

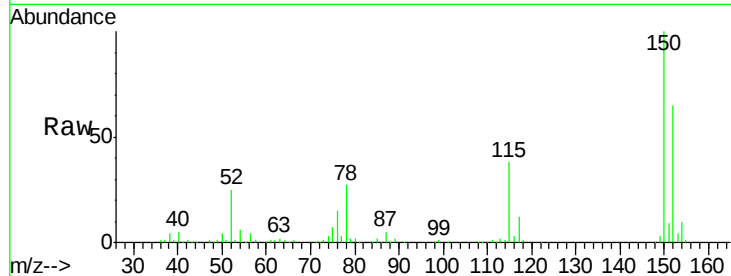
Tgt Ion:152 Resp: 162702

Ion Ratio Lower Upper

152 100

150 154.6 124.9 187.3

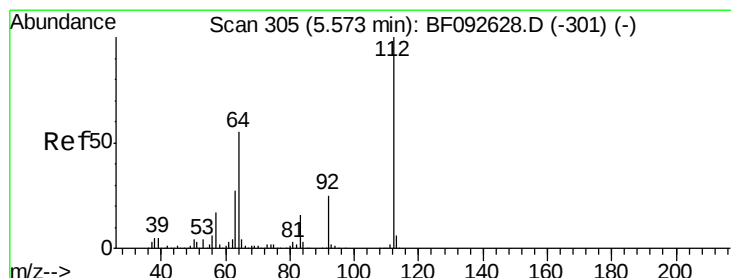
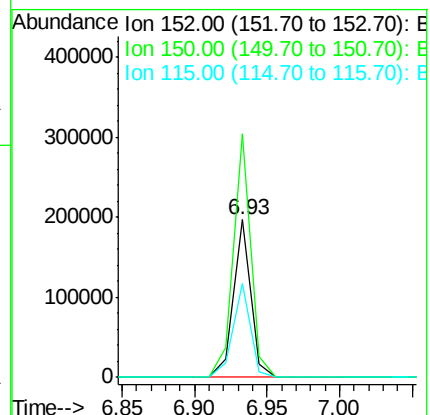
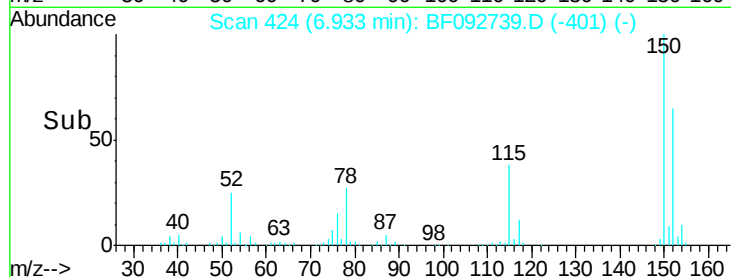
115 59.3 46.0 69.0



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: 62.80 ng

RT: 5.54 min Scan# 302

Delta R.T. -0.03 min

Lab File: BF092739.D

Acq: 2 Feb 2017 17:10

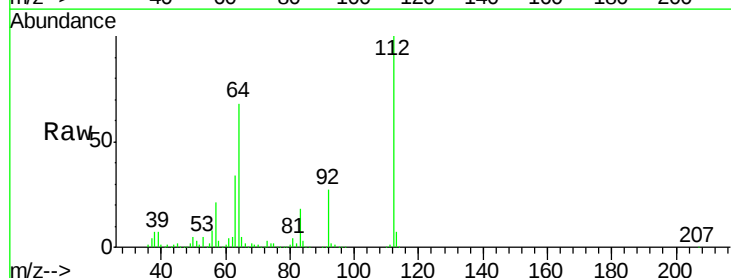
Tgt Ion:112 Resp: 595605

Ion Ratio Lower Upper

112 100

64 68.1 46.1 69.1

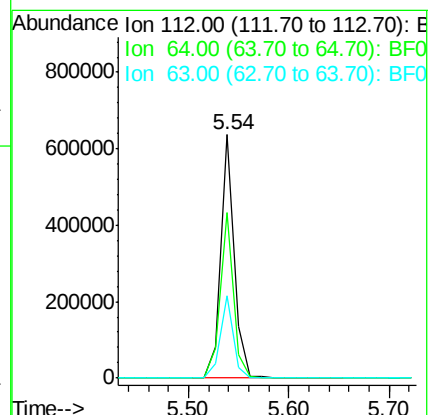
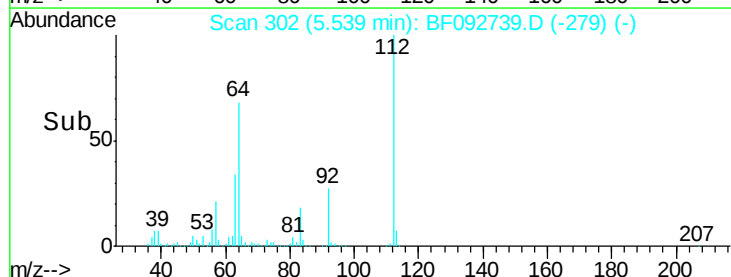
63 33.8 23.8 35.6



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: 61.87 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.03 min

Lab File: BF092739.D

Acq: 2 Feb 2017 17:10

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-275032-COMP-0-2FT

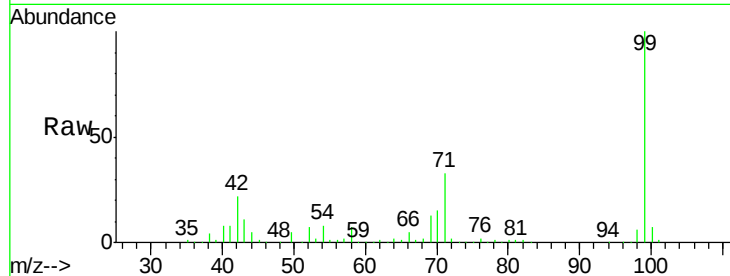
Tgt Ion: 99 Resp: 754937

Ion Ratio Lower Upper

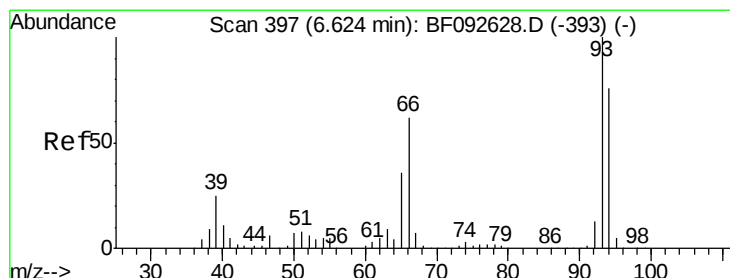
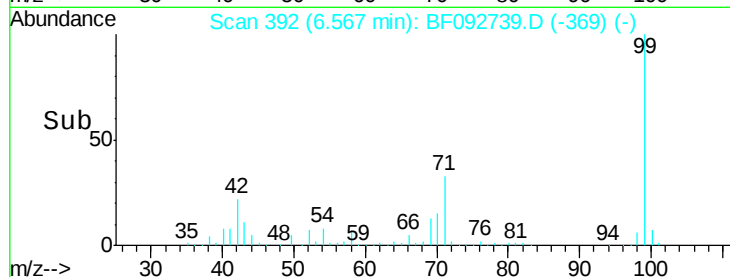
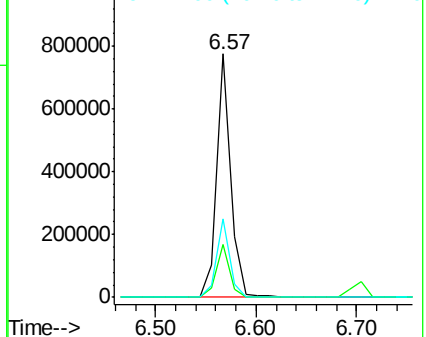
99 100

42 21.8 15.6 23.4

71 32.5 27.5 41.3



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: 2.17 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.05 min

Lab File: BF092739.D

Acq: 2 Feb 2017 17:10

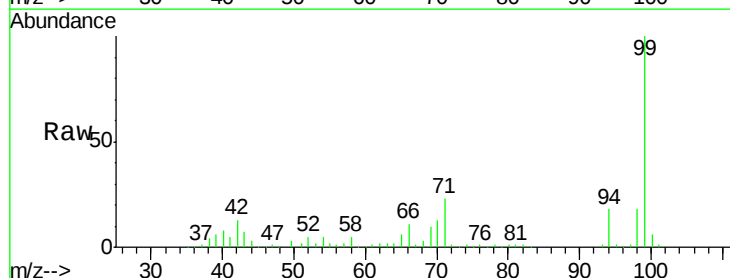
Tgt Ion: 94 Resp: 31006

Ion Ratio Lower Upper

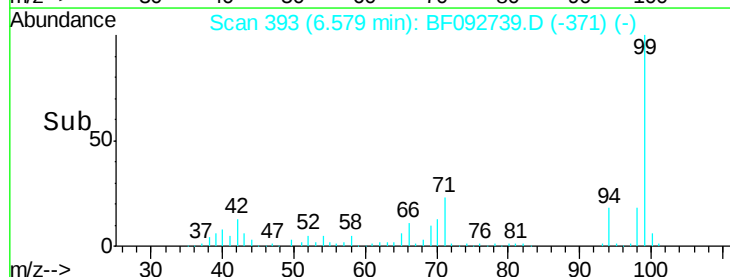
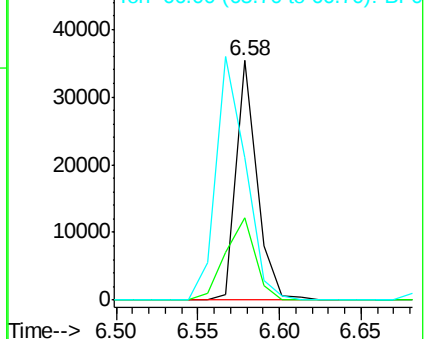
94 100

65 34.5 21.4 61.4

66 59.4 44.0 84.0



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

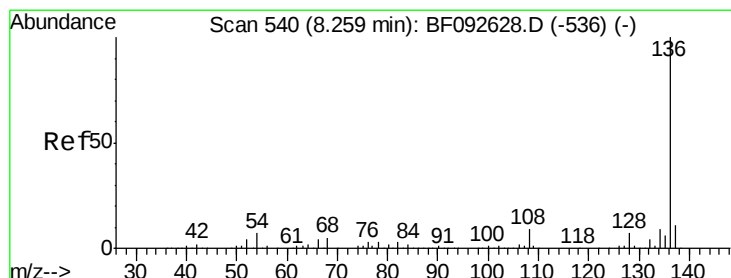
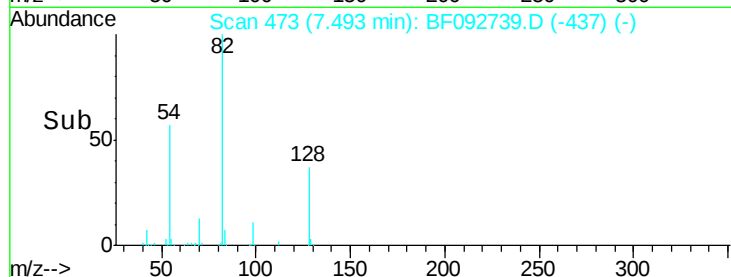
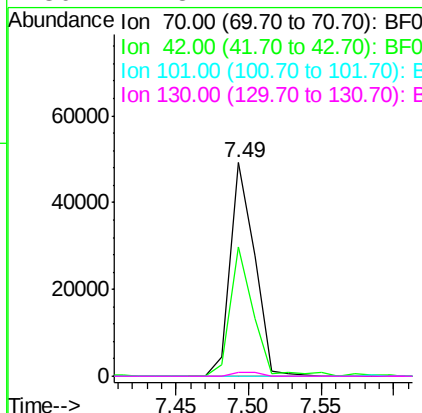
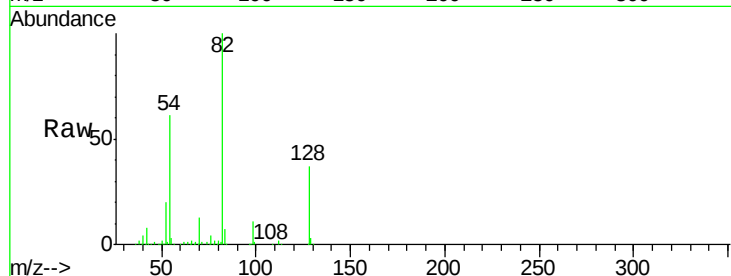




#19
n-Nitroso-di-n-propylamine
Concen: 7.37 ng
RT: 7.49 min Scan# 473
Delta R.T. 0.11 min
Lab File: BF092739.D
Acq: 2 Feb 2017 17:10

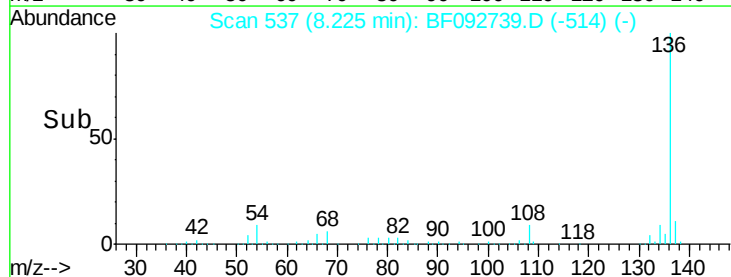
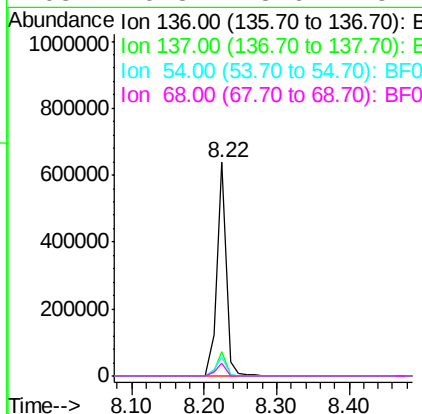
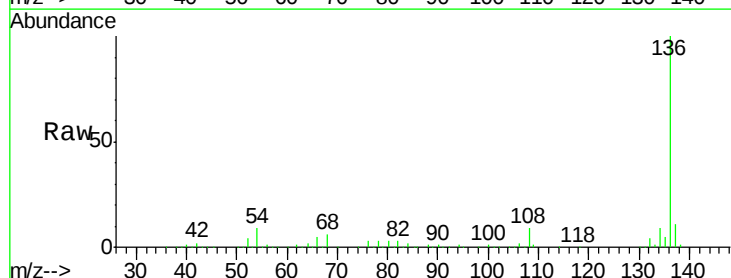
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-275032-COMP-0-2FT

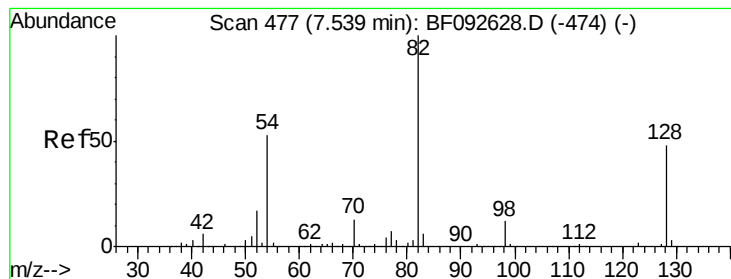
Tgt Ion: 70 Resp: 57269
Ion Ratio Lower Upper
70 100
42 60.7 49.4 74.0
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.22 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF092739.D
Acq: 2 Feb 2017 17:10

Tgt Ion: 136 Resp: 563106
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.0 4.5 6.7#
68 6.3 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 44.09 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.05 min

Lab File: BF092739.D

Acq: 2 Feb 2017 17:10

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-275032-COMP-0-2FT

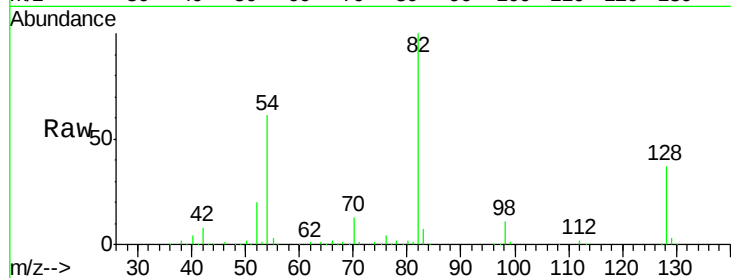
Tgt Ion: 82 Resp: 445805

Ion Ratio Lower Upper

82 100

128 36.9 34.6 52.0

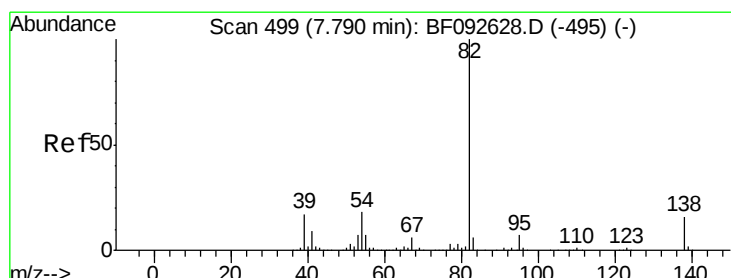
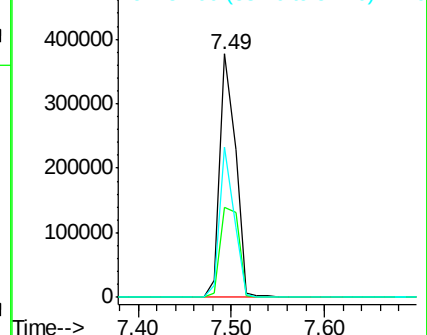
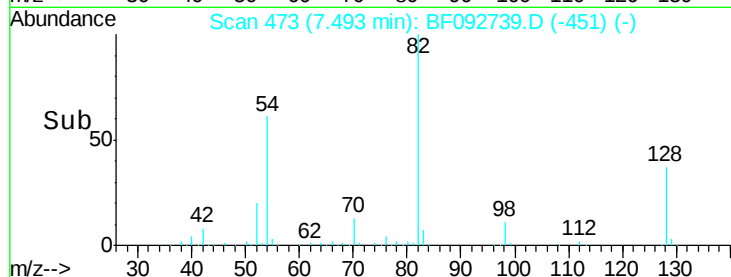
54 61.5 39.5 59.3#



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: 22.68 ng

RT: 7.49 min Scan# 473

Delta R.T. -0.30 min

Lab File: BF092739.D

Acq: 2 Feb 2017 17:10

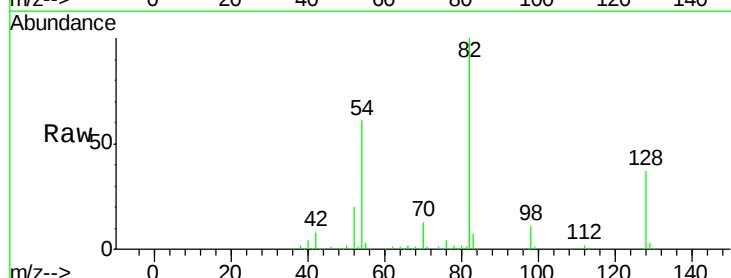
Tgt Ion: 82 Resp: 427365

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

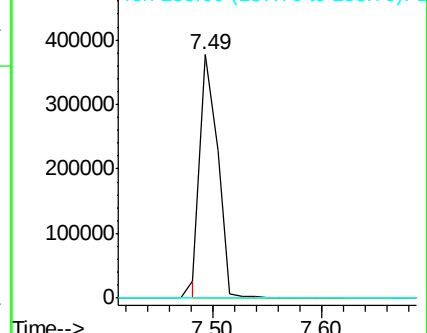
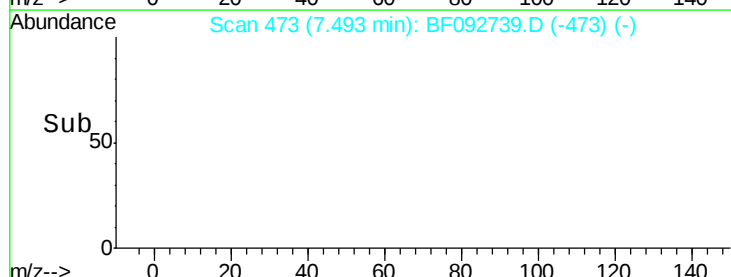
138 0.0 14.6 22.0#



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

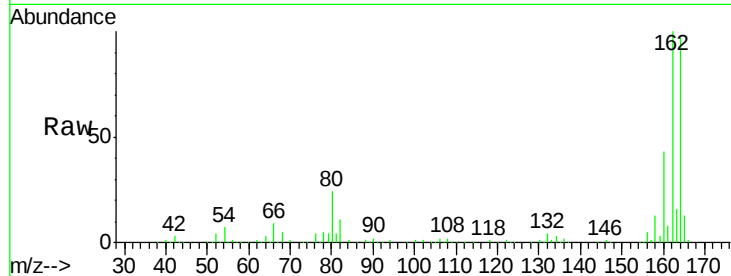




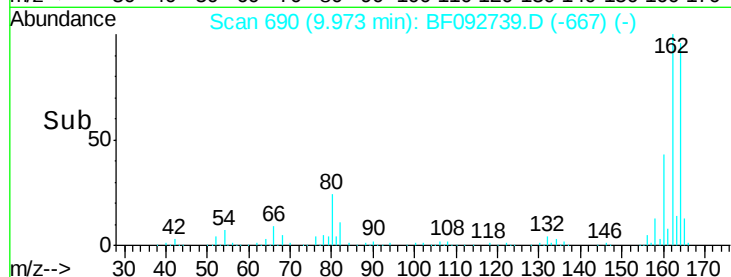
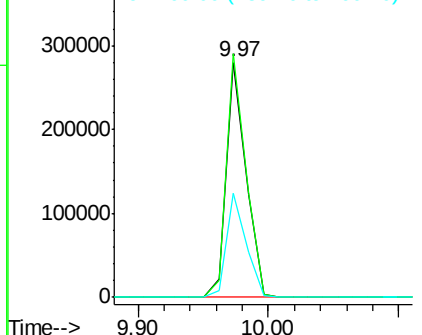
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.97 min Scan# 690
Delta R.T. -0.03 min
Lab File: BF092739.D
Acq: 2 Feb 2017 17:10

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-275032-COMP-0-2FT

Tgt Ion:164 Resp: 295322
Ion Ratio Lower Upper
164 100
162 103.5 80.2 120.2
160 44.5 36.9 55.3

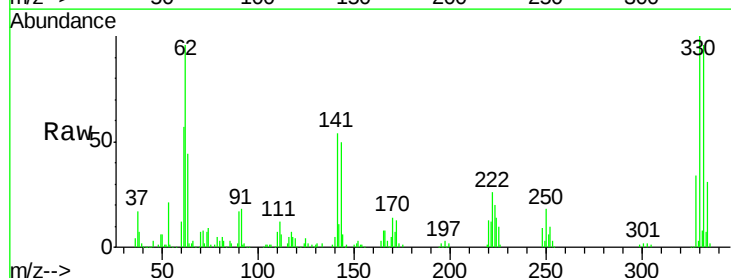


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

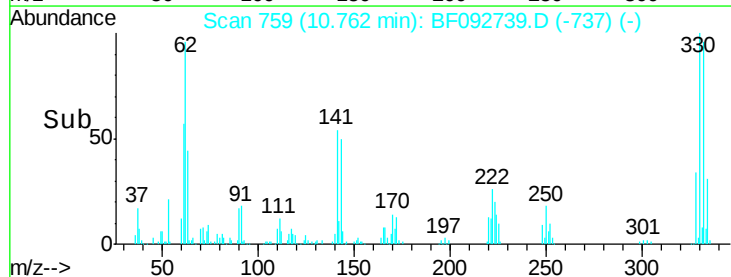
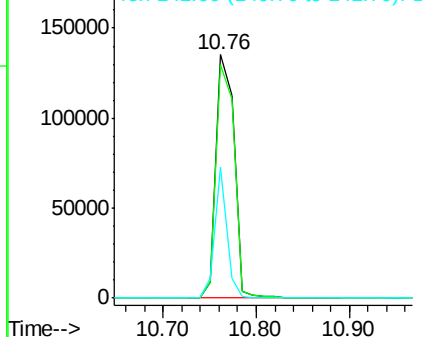


#41
2,4,6-Tribromophenol
Concen: 85.50 ng
RT: 10.76 min Scan# 759
Delta R.T. -0.05 min
Lab File: BF092739.D
Acq: 2 Feb 2017 17:10

Tgt Ion:330 Resp: 182614
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 36.1 34.1 51.1



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

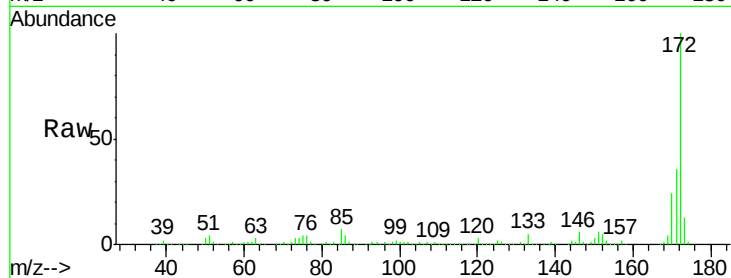




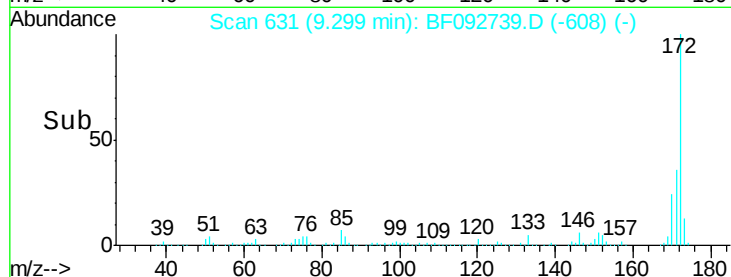
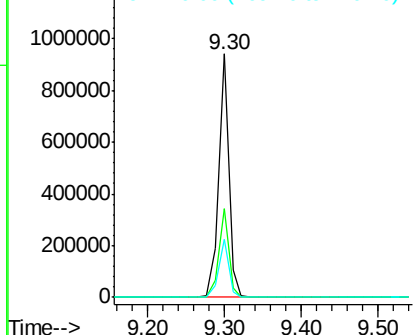
#44
2-Fluorobiphenyl
Concen: 52.94 ng
RT: 9.30 min Scan# 631
Delta R.T. -0.03 min
Lab File: BF092739.D
Acq: 2 Feb 2017 17:10

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-275032-COMP-0-2FT

Tgt Ion:172 Resp: 863043
Ion Ratio Lower Upper
172 100
171 36.2 29.4 44.0
170 23.9 20.2 30.4

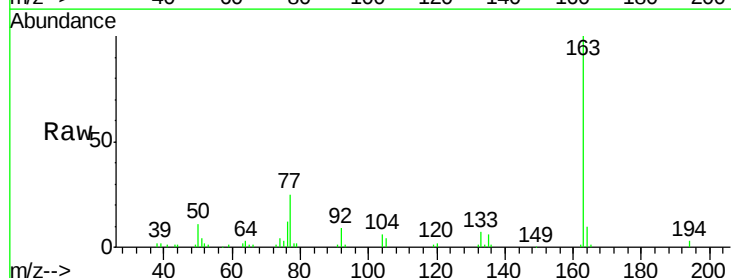


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

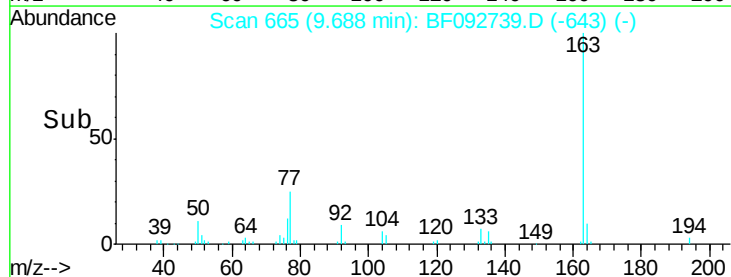
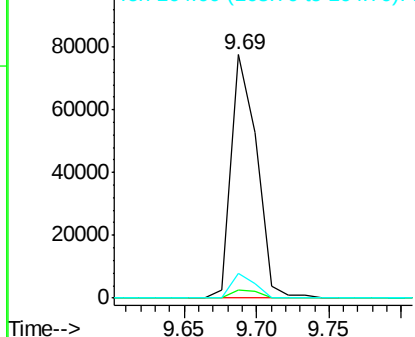


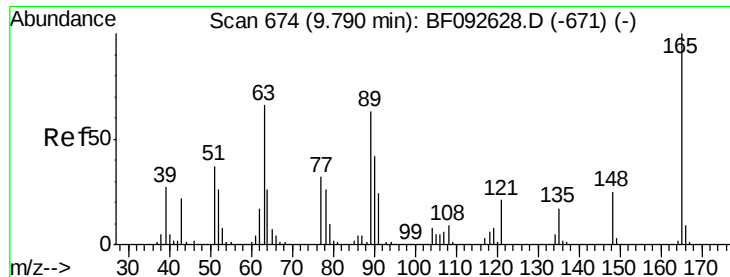
#49
Dimethylphthalate
Concen: 4.77 ng
RT: 9.69 min Scan# 665
Delta R.T. -0.05 min
Lab File: BF092739.D
Acq: 2 Feb 2017 17:10

Tgt Ion:163 Resp: 94794
Ion Ratio Lower Upper
163 100
194 3.4 3.0 4.4
164 9.9 8.0 12.0



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

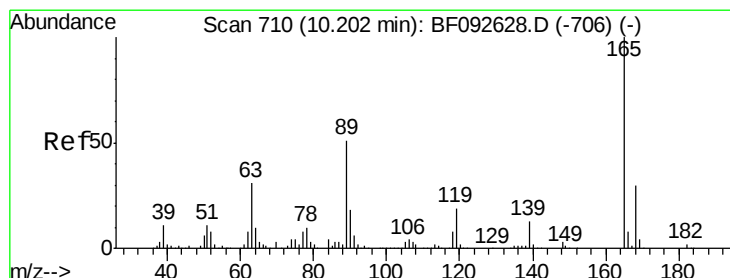
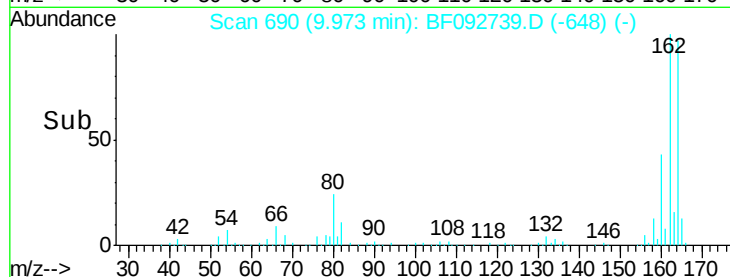
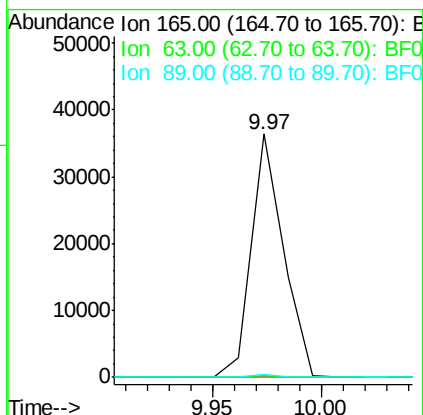
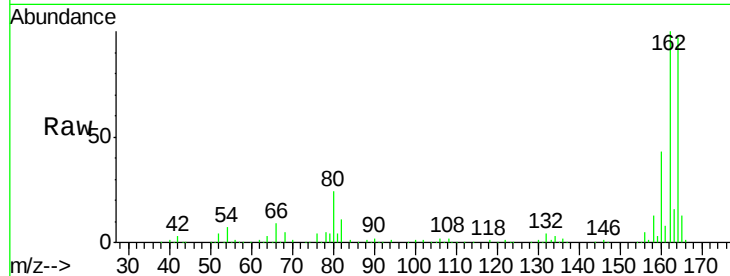




#50
 2,6-Dinitrotoluene
 Concen: 8.71 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.18 min
 Lab File: BF092739.D
 Acq: 2 Feb 2017 17:10

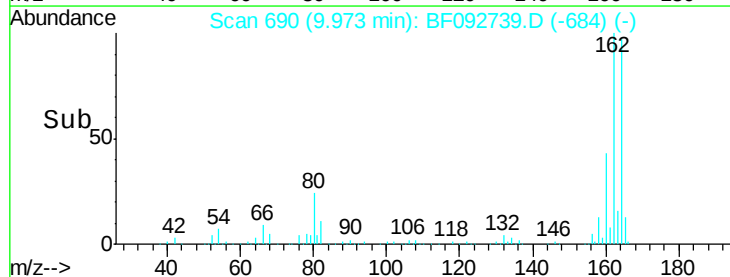
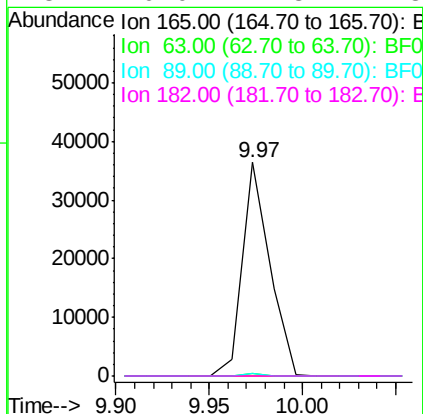
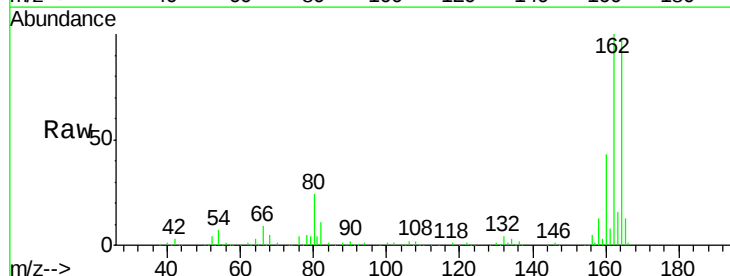
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 ROLL-OFF-275032-COMP-0-2FT

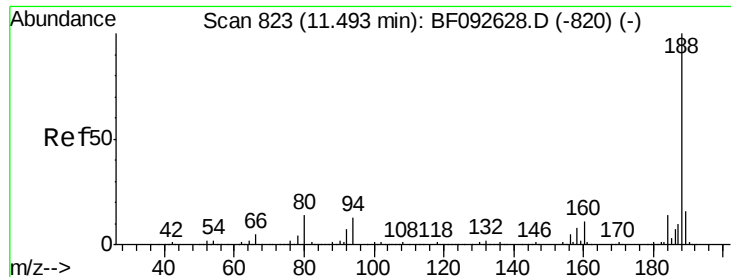
Tgt Ion:165 Resp: 37402
 Ion Ratio Lower Upper
 165 100
 63 1.0 36.2 54.4#
 89 1.0 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.54 ng
 RT: 9.97 min Scan# 690
 Delta R.T. -0.23 min
 Lab File: BF092739.D
 Acq: 2 Feb 2017 17:10

Tgt Ion:165 Resp: 37404
 Ion Ratio Lower Upper
 165 100
 63 1.0 40.2 60.4#
 89 1.0 62.5 93.7#
 182 0.0 1.8 2.8#

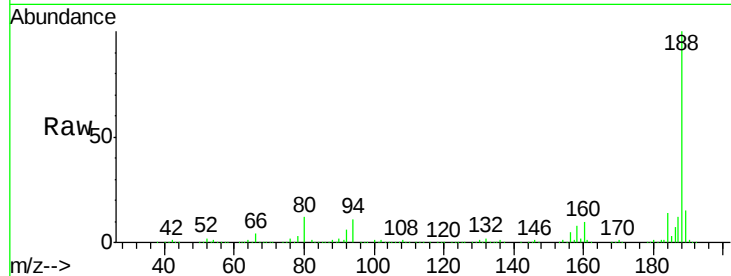




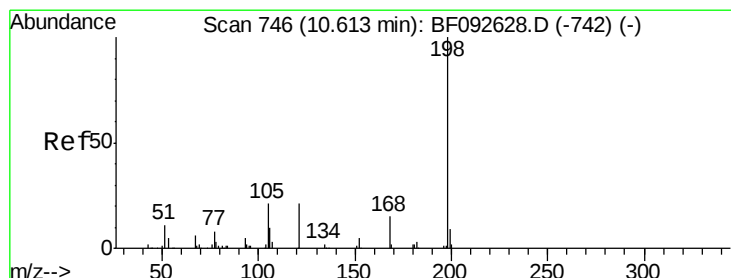
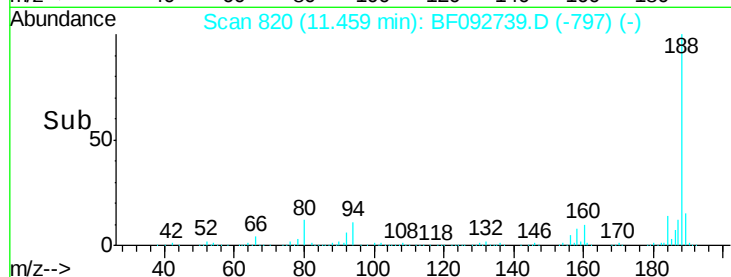
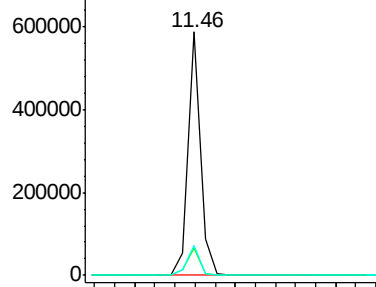
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.46 min Scan# 820
Delta R.T. -0.03 min
Lab File: BF092739.D
Acq: 2 Feb 2017 17:10

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-275032-COMP-0-2FT

Tgt Ion:188 Resp: 509219
Ion Ratio Lower Upper
188 100
94 11.3 10.0 15.0
80 12.2 11.2 16.8

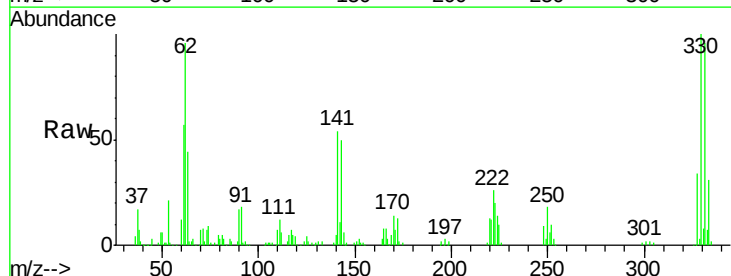


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

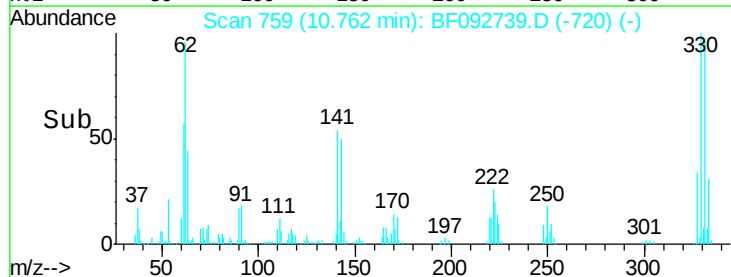
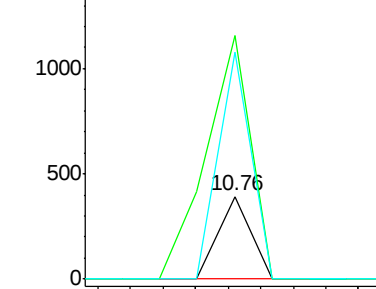


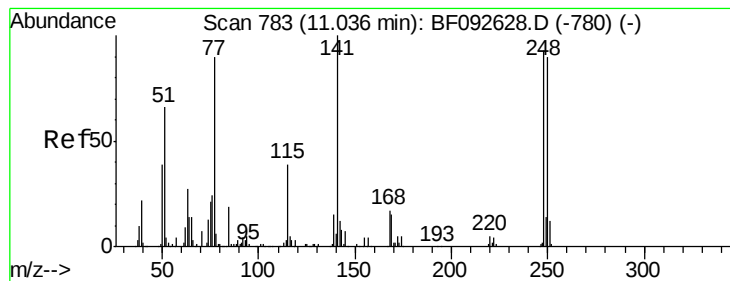
#64
4,6-Dinitro-2-methylphenol
Concen: 2.75 ng
RT: 10.76 min Scan# 759
Delta R.T. 0.15 min
Lab File: BF092739.D
Acq: 2 Feb 2017 17:10

Tgt Ion:198 Resp: 270
Ion Ratio Lower Upper
198 100
51 294.4 6.7 46.7#
105 274.8 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 2.48 ng

RT: 10.76 min Scan# 759

Delta R.T. -0.27 min

Lab File: BF092739.D

Acq: 2 Feb 2017 17:10

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-275032-COMP-0-2FT

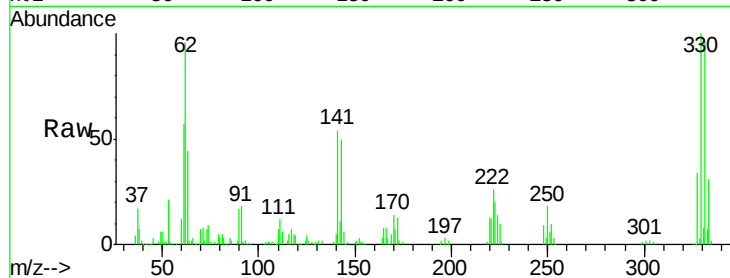
Tgt Ion:248 Resp: 13203

Ion Ratio Lower Upper

248 100

250 196.8 76.9 115.3#

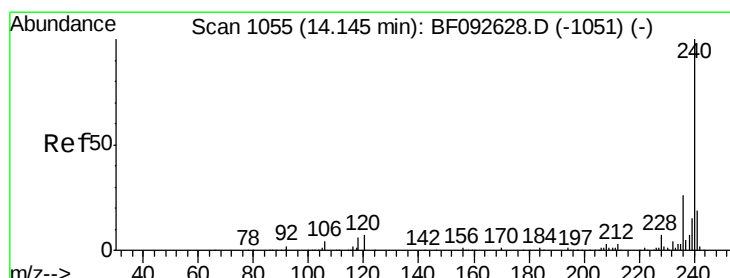
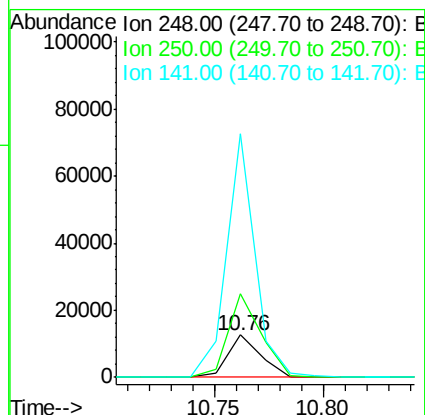
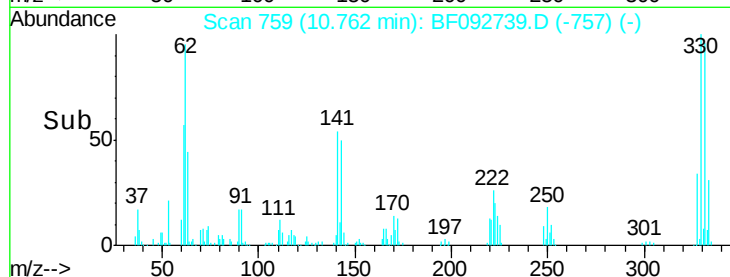
141 574.6 68.2 102.4#



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: 14.10 min Scan# 1051

Delta R.T. -0.05 min

Lab File: BF092739.D

Acq: 2 Feb 2017 17:10

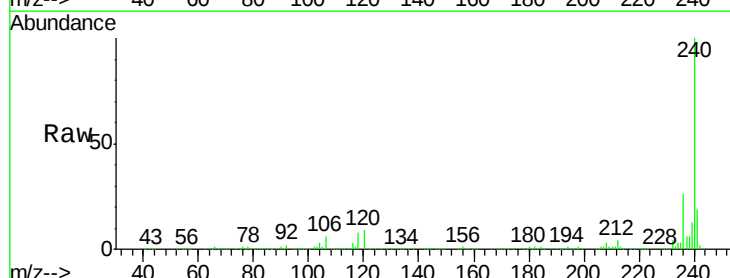
Tgt Ion:240 Resp: 494720

Ion Ratio Lower Upper

240 100

120 9.1 12.9 19.3#

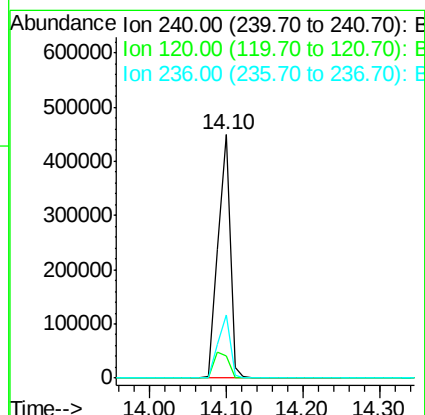
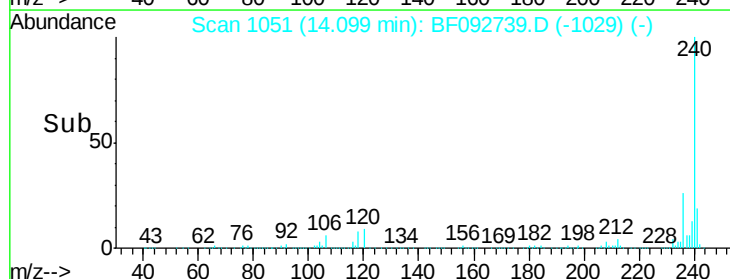
236 26.2 20.9 31.3

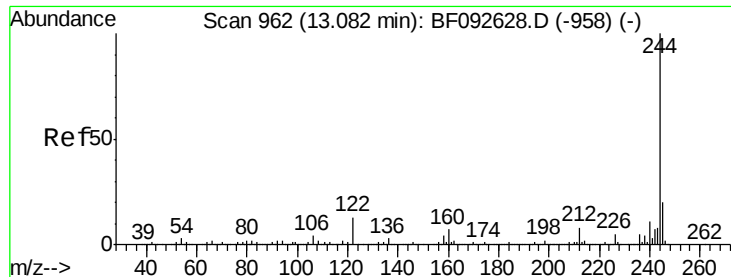


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

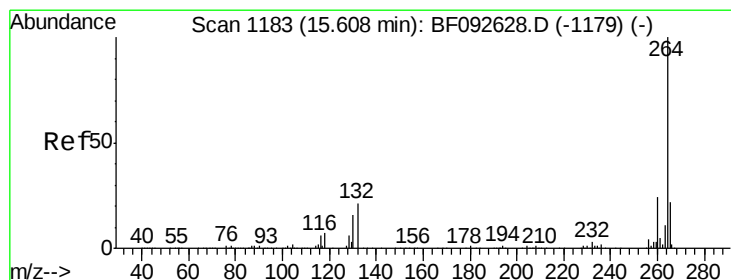
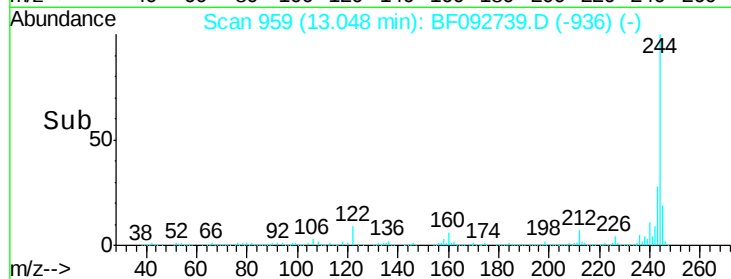
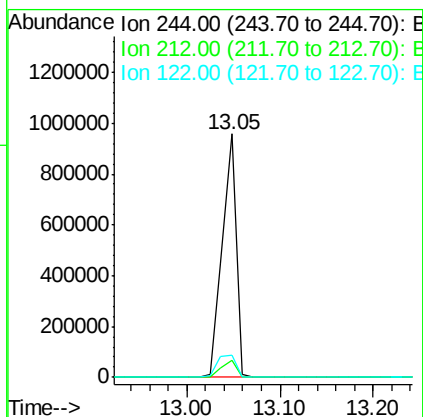
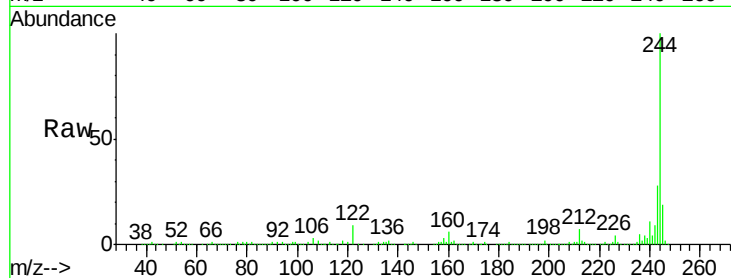




#78
 Terphenyl-d14
 Concen: 46.99 ng
 RT: 13.05 min Scan# 959
 Delta R.T. -0.03 min
 Lab File: BF092739.D
 Acq: 2 Feb 2017 17:10

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-275032-COMP-0-2FT

Tgt Ion:244 Resp: 989418
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 9.1 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.56 min Scan# 1179
 Delta R.T. -0.05 min
 Lab File: BF092739.D
 Acq: 2 Feb 2017 17:10

Tgt Ion:264 Resp: 426020
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 20.9 17.4 26.0

