

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021017\
 Data File : BF092912.D
 Acq On : 11 Feb 2017 7:53
 Operator : SJ/MA
 Sample : I1767-01
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 020817-PRRT-F-D-M

Quant Time: Feb 13 02:54:35 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

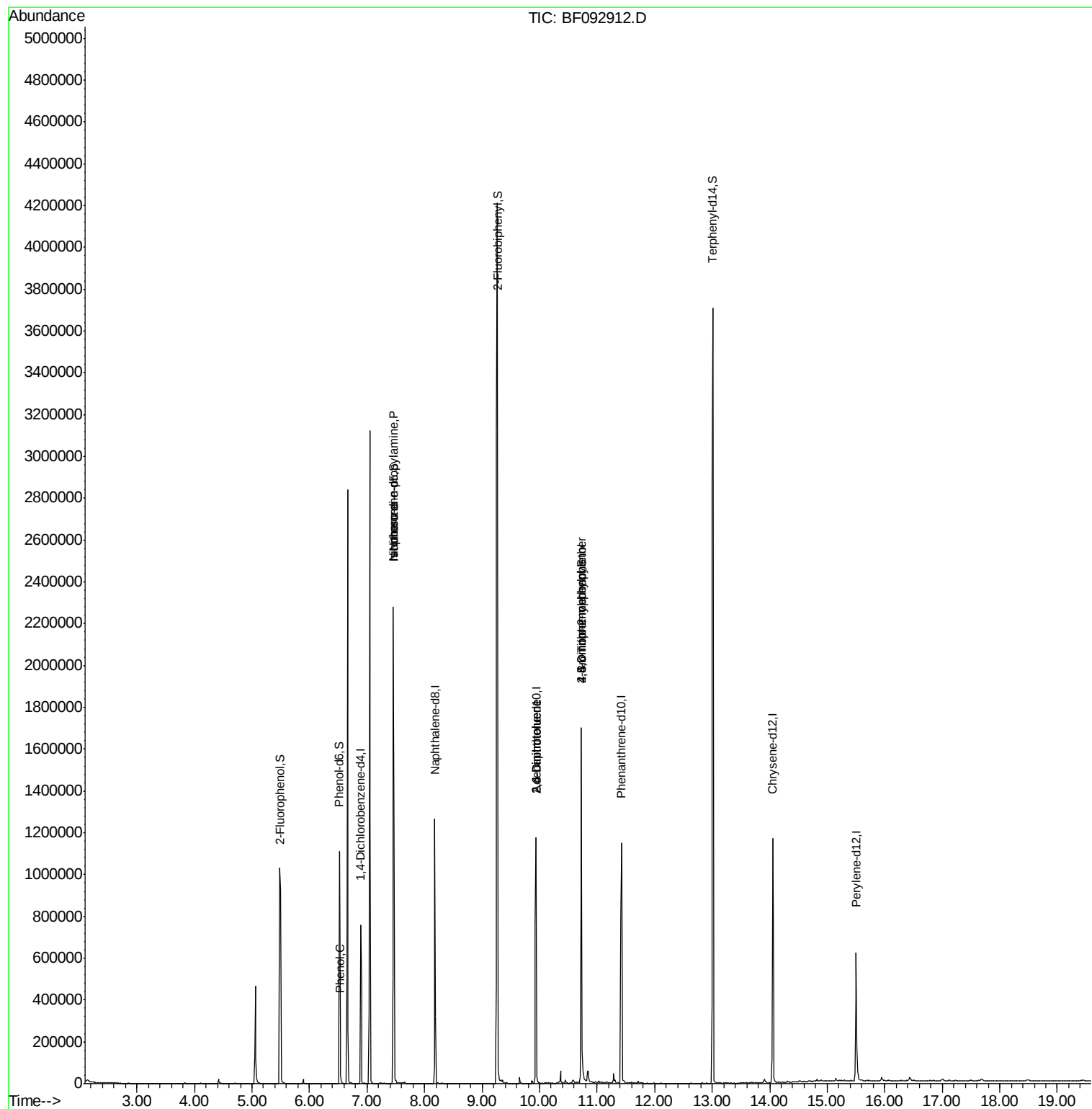
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	141172	20.00	ng	-0.08
21) Naphthalene-d8	8.18	136	576971	20.00	ng	-0.08
38) Acenaphthene-d10	9.94	164	338329	20.00	ng	-0.07
63) Phenanthrene-d10	11.42	188	572784	20.00	ng	-0.07
75) Chrysene-d12	14.05	240	407007	20.00	ng	-0.09
86) Perylene-d12	15.51	264	312600	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	404011	49.10	ng	-0.08
7) Phenol-d6	6.52	99	329682	31.14	ng	-0.08
23) Nitrobenzene-d5	7.46	82	963902	93.03	ng	-0.08
41) 2,4,6-Tribromophenol	10.73	330	243493	99.51	ng	-0.08
44) 2-Fluorobiphenyl	9.26	172	1916281	102.61	ng	-0.07
78) Terphenyl-d14	13.01	244	1617369	93.37	ng	-0.07
Target Compounds						
10) Phenol	6.53	94	30296	2.45	ng	# 77
19) n-Nitroso-di-n-propylamine	7.46	70	124535	18.48	ng	# 82
25) Isophorone	7.46	82	956357	49.53	ng	# 65
50) 2,6-Dinitrotoluene	9.94	165	42684	8.67	ng	# 29
56) 2,4-Dinitrotoluene	9.94	165	42679	6.51	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.73	198	560	2.82	ng	# 1
66) 4-Bromophenyl-phenylether	10.73	248	18325	3.06	ng	# 1

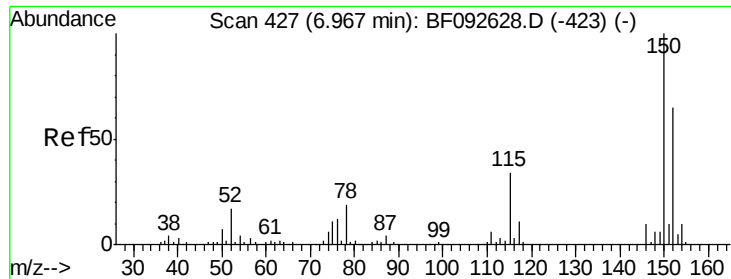
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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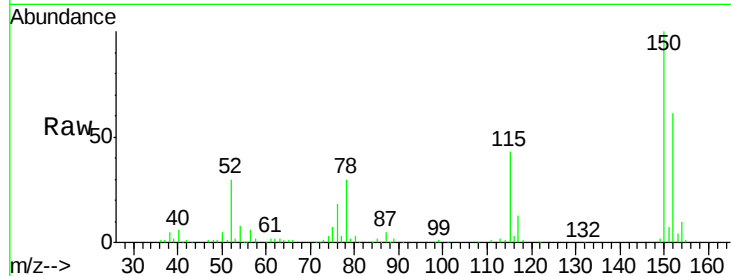




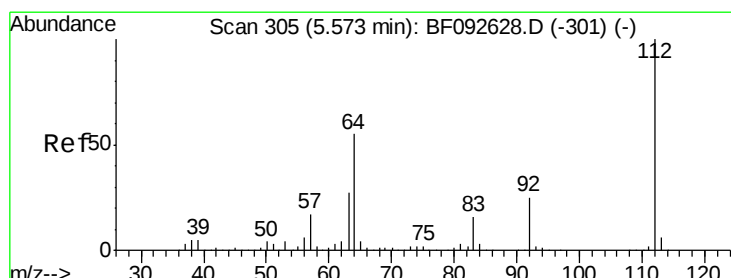
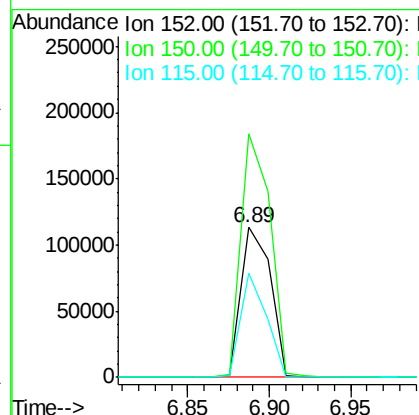
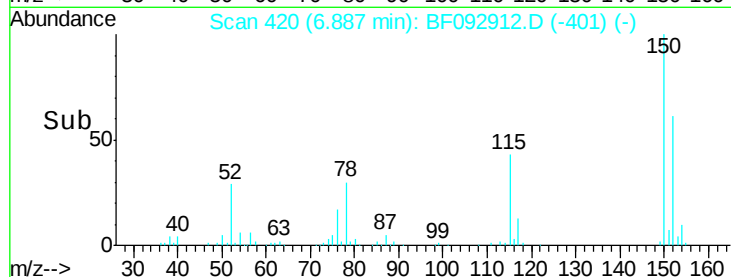
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.89 min Scan# 420
 Delta R.T. -0.08 min
 Lab File: BF092912.D
 Acq: 11 Feb 2017 7:53

Instrument :
 BNA_F
 ClientSampleId :
 020817-PRRT-F-D-M

Tgt Ion:152 Resp: 141172
 Ion Ratio Lower Upper
 152 100
 150 162.7 124.9 187.3
 115 69.8 46.0 69.0#

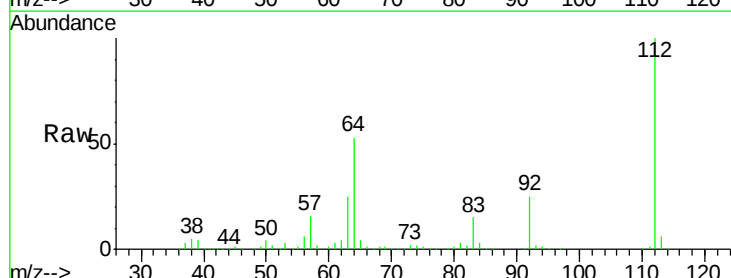


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

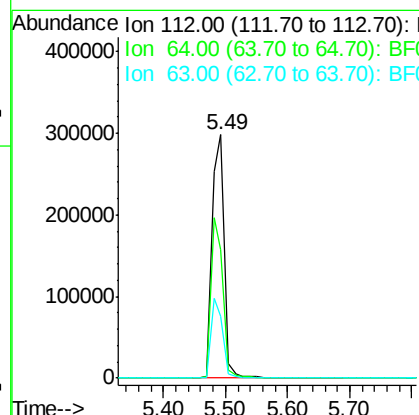
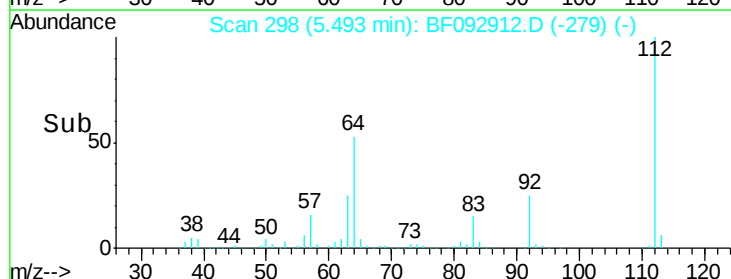


#5
 2-Fluorophenol
 Concen: 49.10 ng
 RT: 5.49 min Scan# 298
 Delta R.T. -0.08 min
 Lab File: BF092912.D
 Acq: 11 Feb 2017 7:53

Tgt Ion:112 Resp: 404011
 Ion Ratio Lower Upper
 112 100
 64 52.6 46.1 69.1
 63 25.2 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: 31.14 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.08 min

Lab File: BF092912.D

Acq: 11 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

020817-PRRT-F-D-M

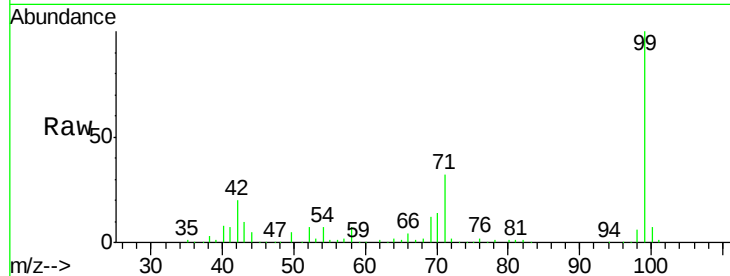
Tgt Ion: 99 Resp: 329682

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

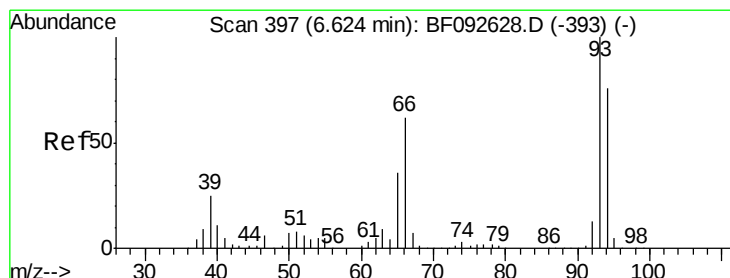
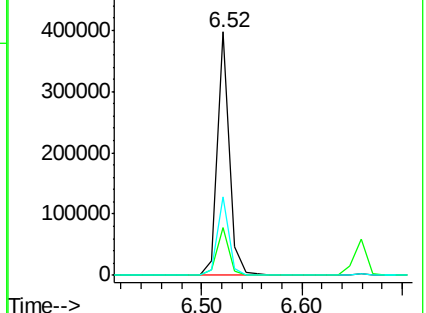
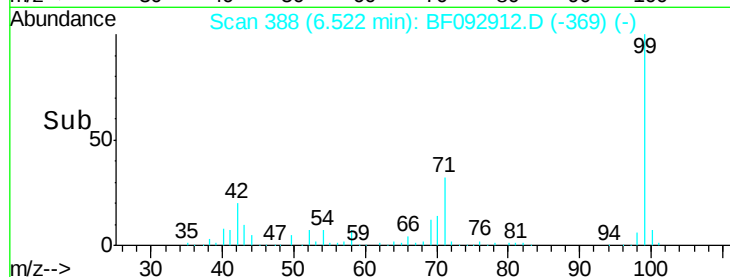
71 32.1 27.5 41.3



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: 2.45 ng

RT: 6.53 min Scan# 389

Delta R.T. -0.09 min

Lab File: BF092912.D

Acq: 11 Feb 2017 7:53

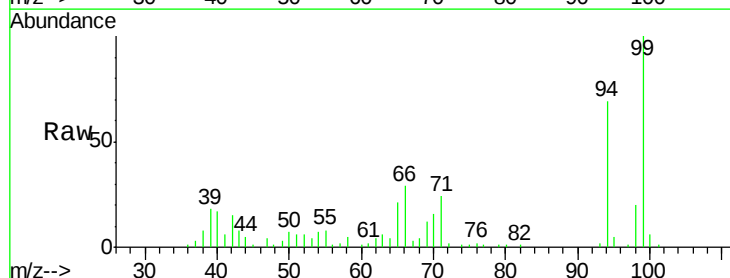
Tgt Ion: 94 Resp: 30296

Ion Ratio Lower Upper

94 100

65 30.5 21.4 61.4

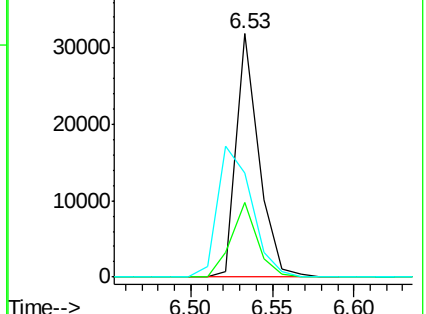
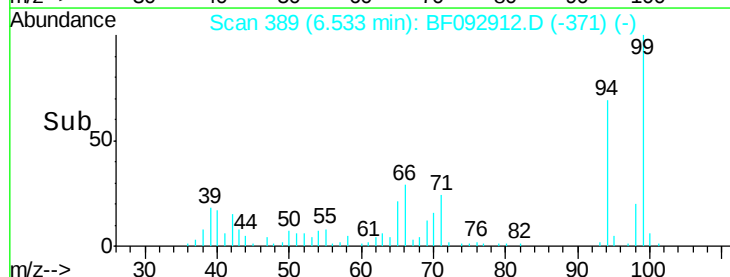
66 42.8 44.0 84.0#



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

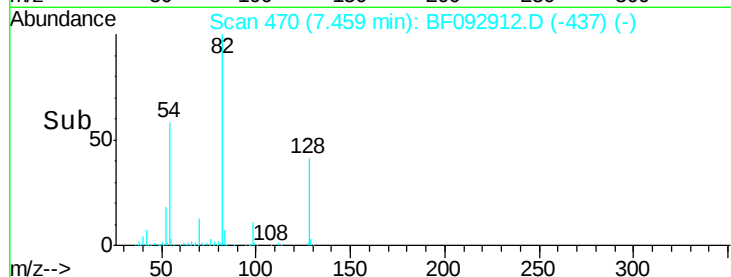
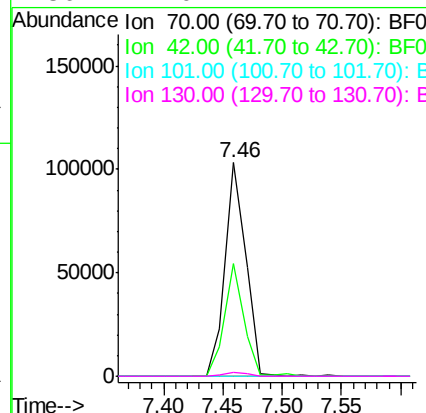
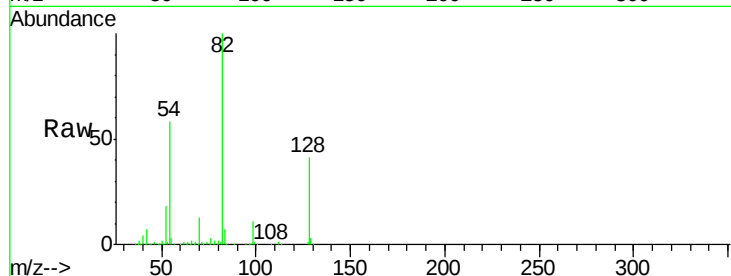




#19
n-Nitroso-di-n-propylamine
Concen: 18.48 ng
RT: 7.46 min Scan# 470
Delta R.T. 0.08 min
Lab File: BF092912.D
Acq: 11 Feb 2017 7:53

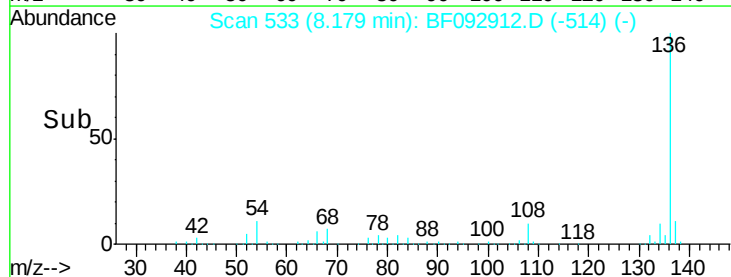
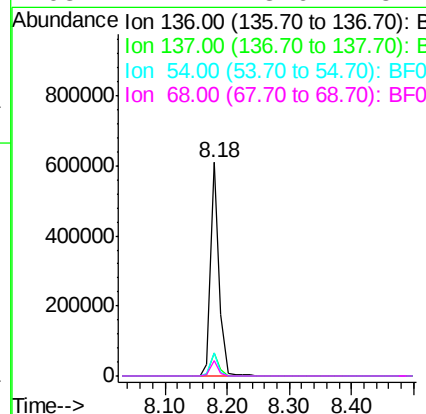
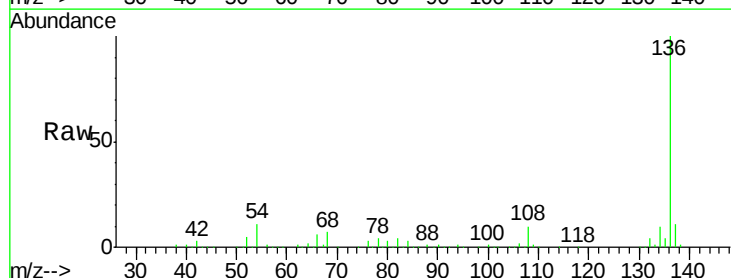
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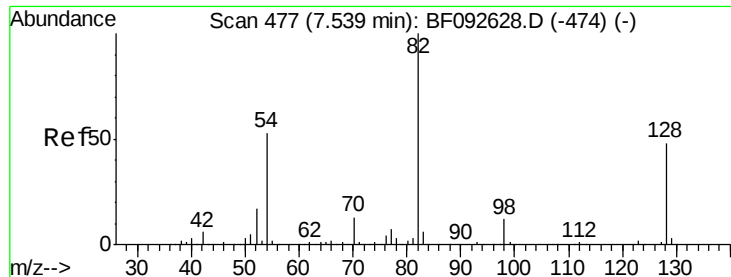
Tgt Ion: 70 Resp: 124535
Ion Ratio Lower Upper
70 100
42 52.9 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.08 min
Lab File: BF092912.D
Acq: 11 Feb 2017 7:53

Tgt Ion: 136 Resp: 576971
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 11.0 4.5 6.7#
68 7.4 3.6 5.4#

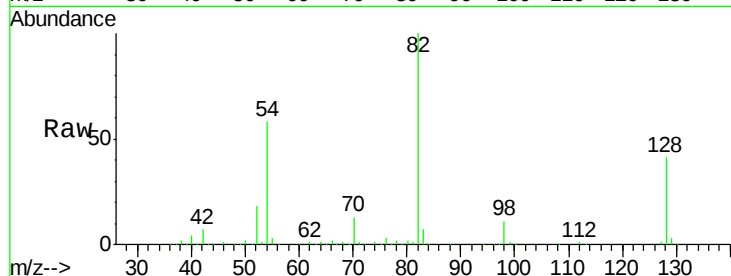




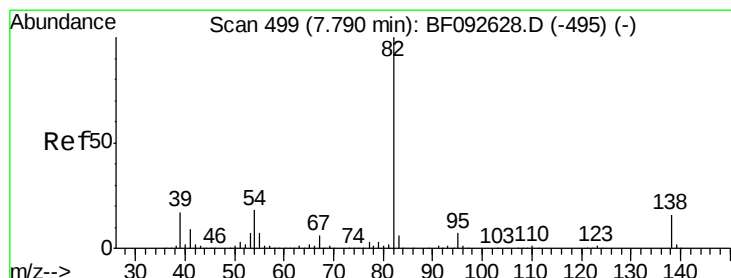
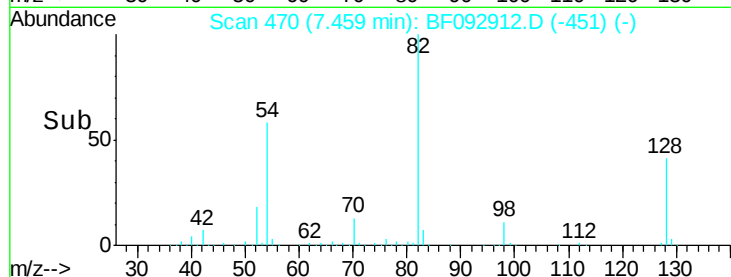
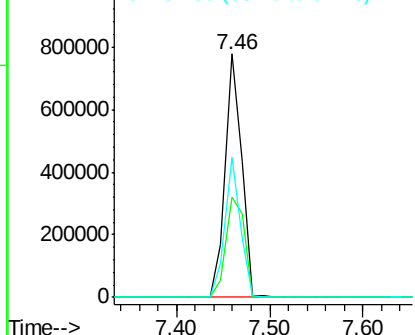
#23
 Nitrobenzene-d5
 Concen: 93.03 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.08 min
 Lab File: BF092912.D
 Acq: 11 Feb 2017 7:53

Instrument :
 BNA_F
 ClientSampleId :
 020817-PRRT-F-D-M

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	57.7	39.5	59.3

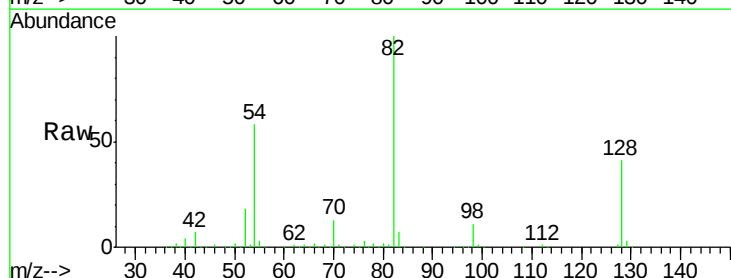


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

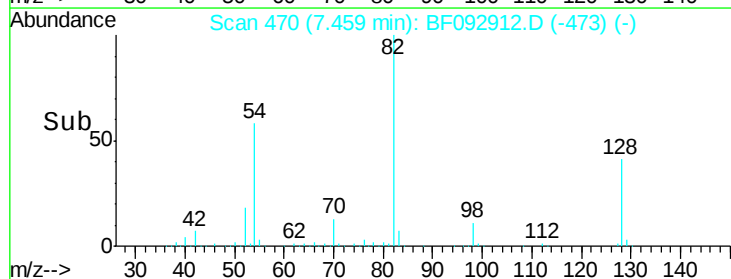
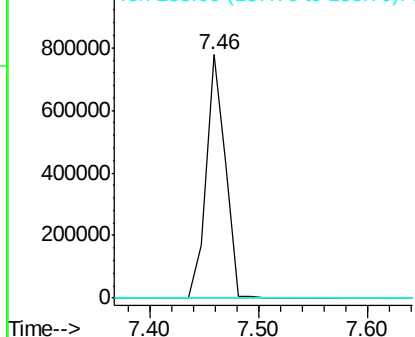


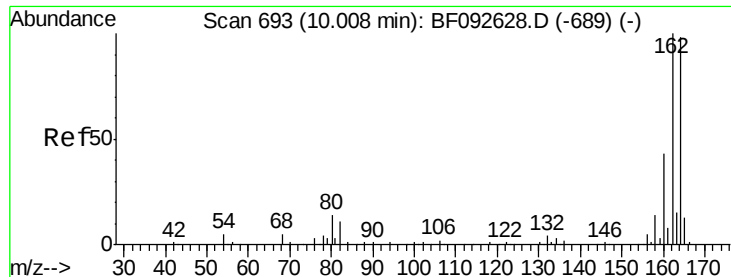
#25
 Isophorone
 Concen: 49.53 ng
 RT: 7.46 min Scan# 470
 Delta R.T. -0.33 min
 Lab File: BF092912.D
 Acq: 11 Feb 2017 7:53

Tgt 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

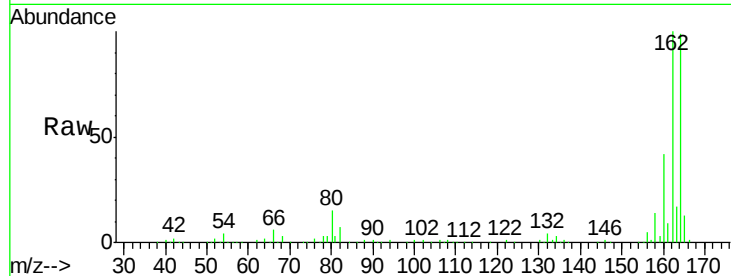




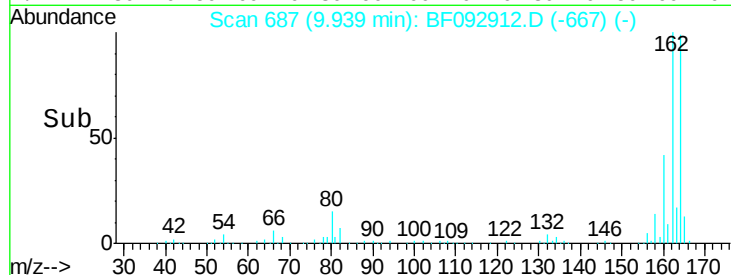
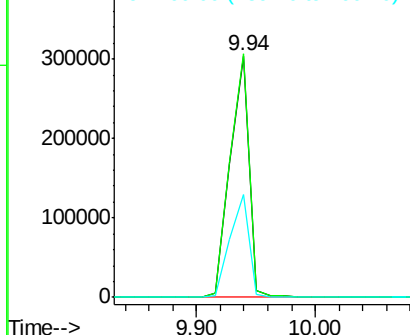
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.94 min Scan# 687
Delta R.T. -0.07 min
Lab File: BF092912.D
Acq: 11 Feb 2017 7:53

Instrument :
BNA_F
ClientSampleId :
020817-PRRT-F-D-M

Tgt Ion:164 Resp: 338329
Ion Ratio Lower Upper
164 100
162 100.8 80.2 120.2
160 42.6 36.9 55.3

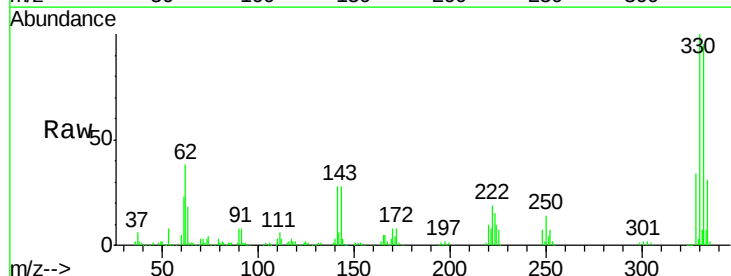


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

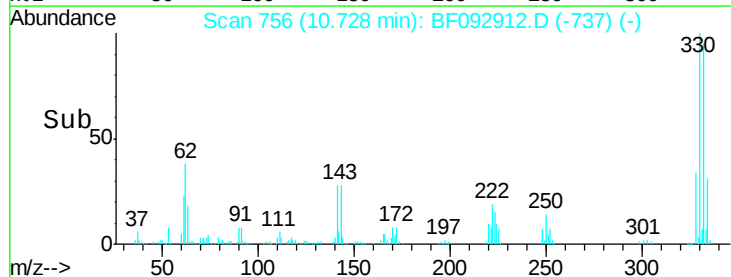
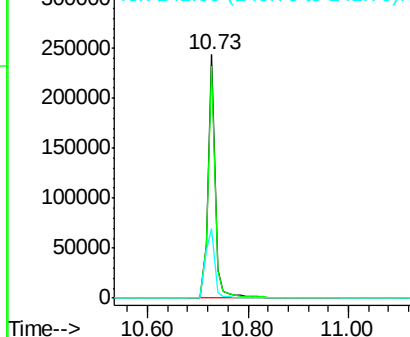


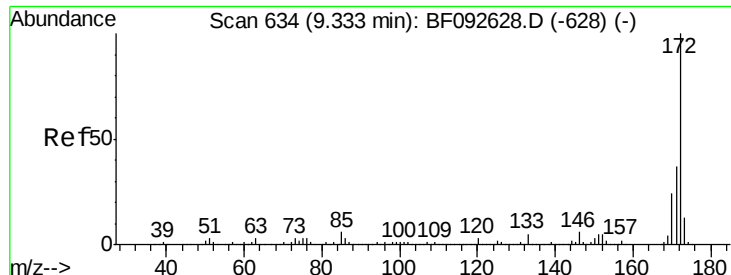
#41
2,4,6-Tribromophenol
Concen: 99.51 ng
RT: 10.73 min Scan# 756
Delta R.T. -0.08 min
Lab File: BF092912.D
Acq: 11 Feb 2017 7:53

Tgt Ion:330 Resp: 243493
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 36.4 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

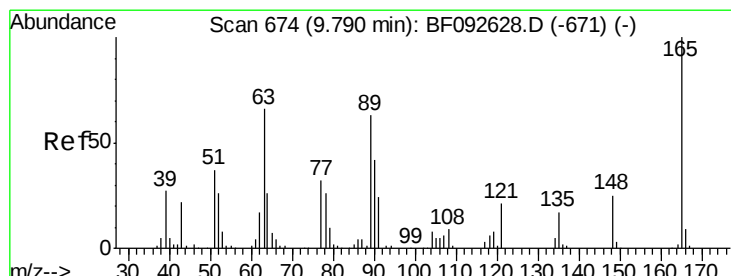
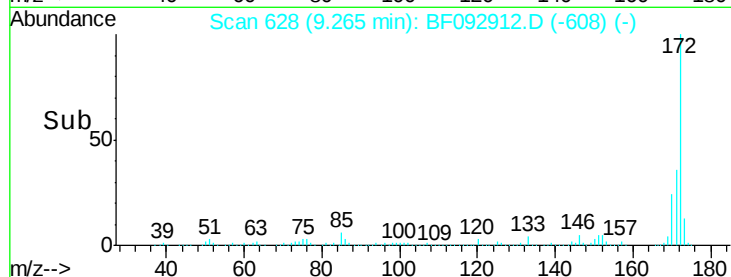
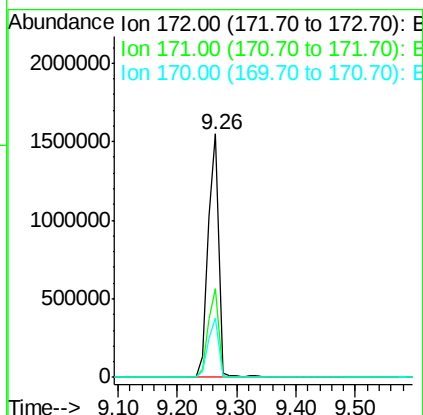
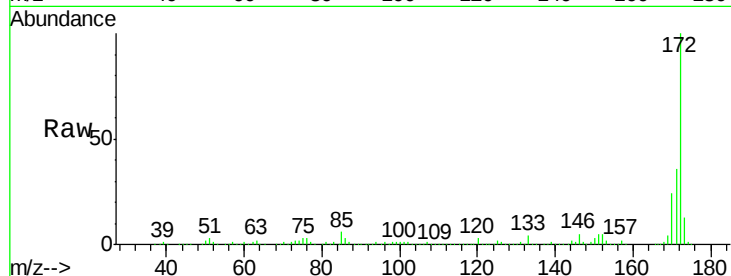




#44
 2-Fluorobiphenyl
 Concen: 102.61 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092912.D
 Acq: 11 Feb 2017 7:53

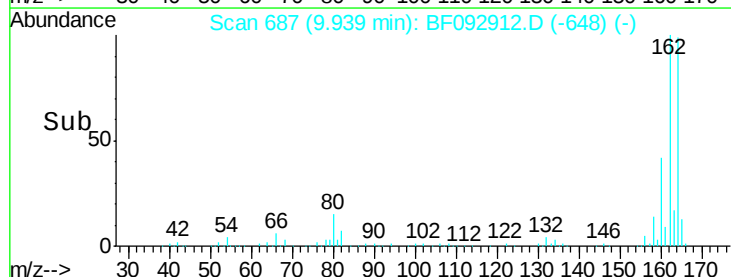
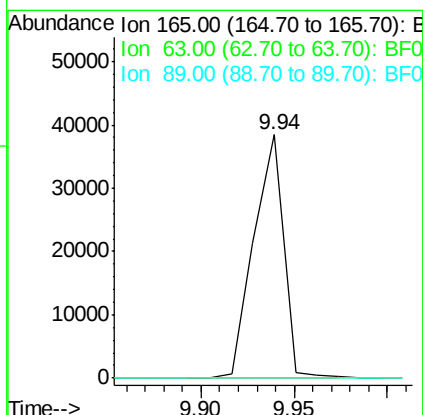
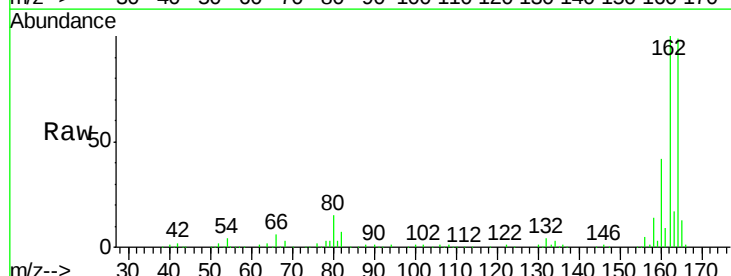
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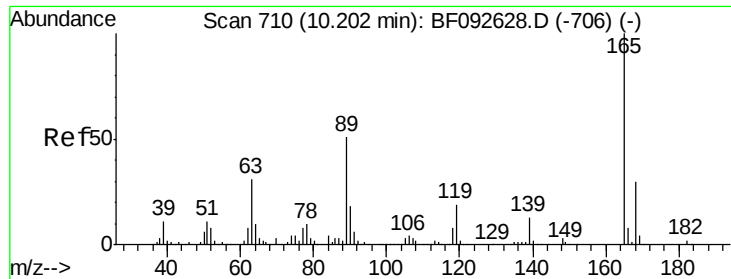
Tgt Ion:172 Resp: 1916281
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.3 20.2 30.4



#50
 2,6-Dinitrotoluene
 Concen: 8.67 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.15 min
 Lab File: BF092912.D
 Acq: 11 Feb 2017 7:53

Tgt Ion:165 Resp: 42684
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.2 54.4#
 89 0.0 40.2 60.4#

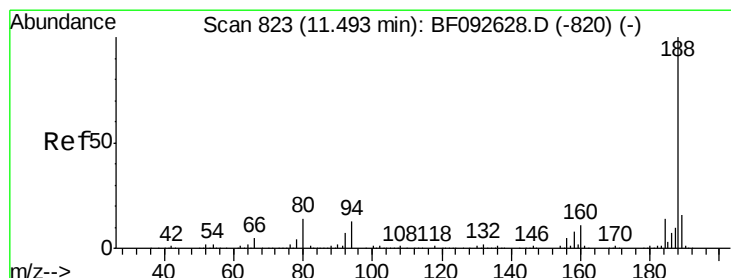
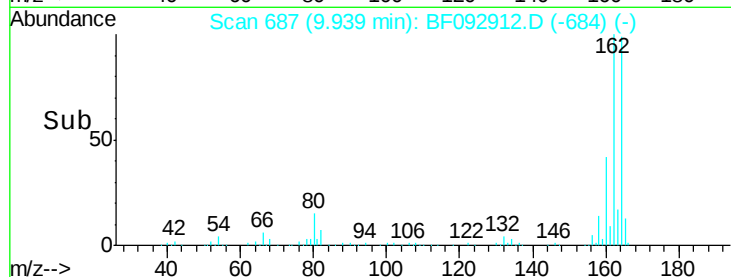
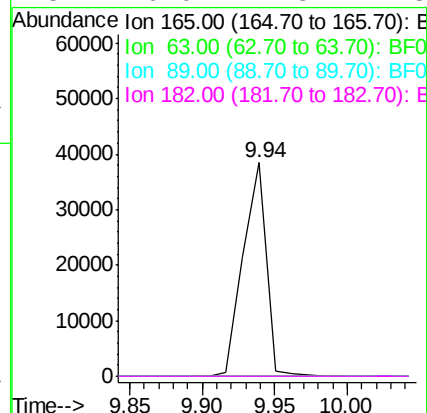
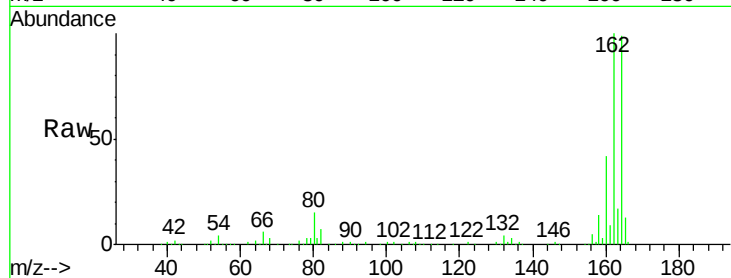




#56
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.26 min
 Lab File: BF092912.D
 Acq: 11 Feb 2017 7:53

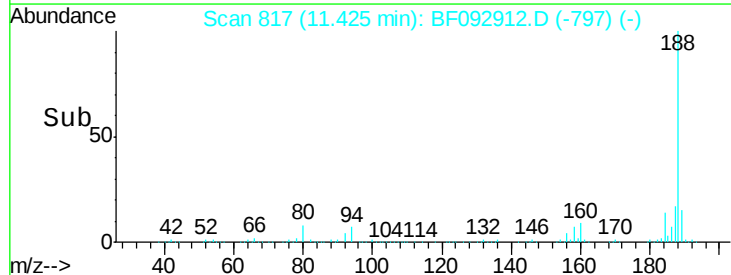
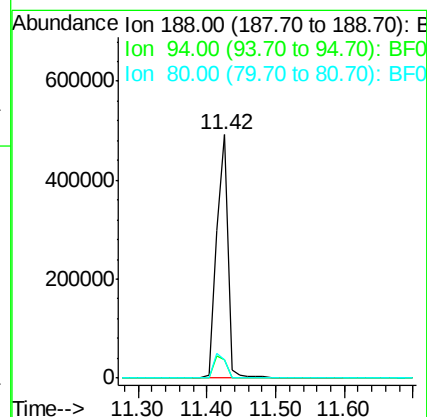
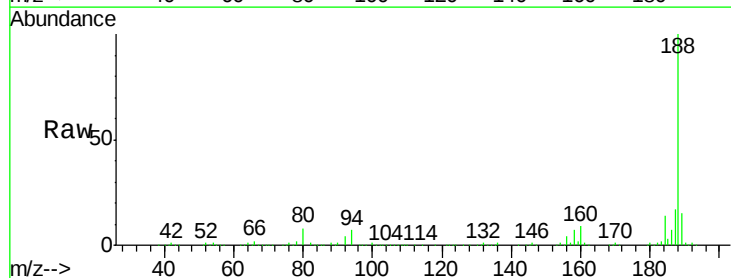
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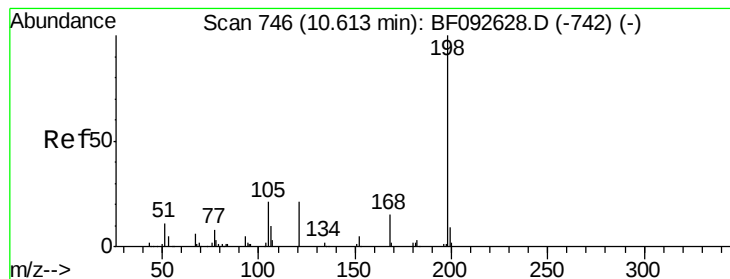
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.07 min
 Lab File: BF092912.D
 Acq: 11 Feb 2017 7:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.3	10.0	15.0#
80	7.7	11.2	16.8#





#64

4,6-Dinitro-2-methylphenol

Concen: 2.82 ng

RT: 10.73 min Scan# 756

Delta R.T. 0.11 min

Lab File: BF092912.D

Acq: 11 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

020817-PRRT-F-D-M

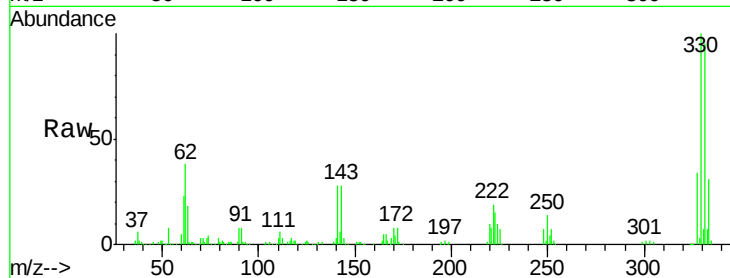
Tgt Ion:198 Resp: 560

Ion Ratio Lower Upper

198 100

51 145.5 6.7 46.7#

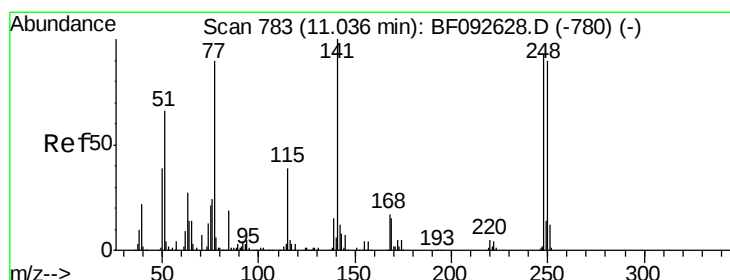
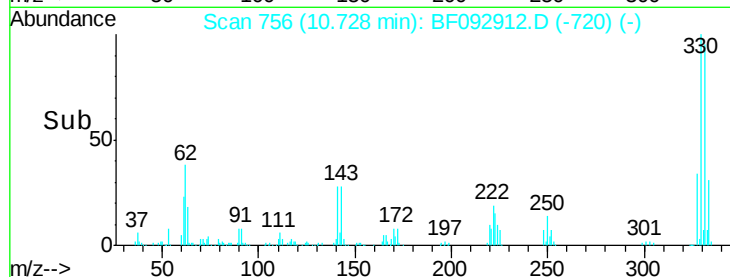
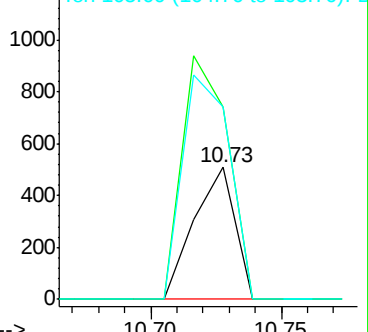
105 145.9 16.6 56.6#



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: 3.06 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.31 min

Lab File: BF092912.D

Acq: 11 Feb 2017 7:53

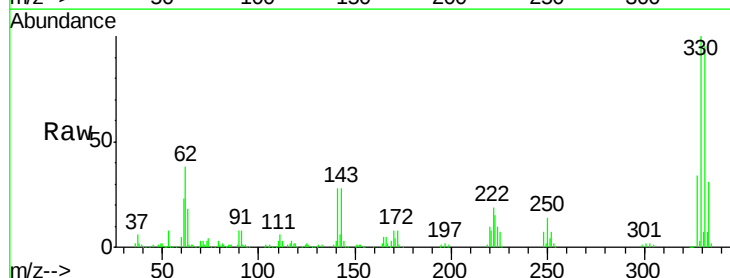
Tgt Ion:248 Resp: 18325

Ion Ratio Lower Upper

248 100

250 195.0 76.9 115.3#

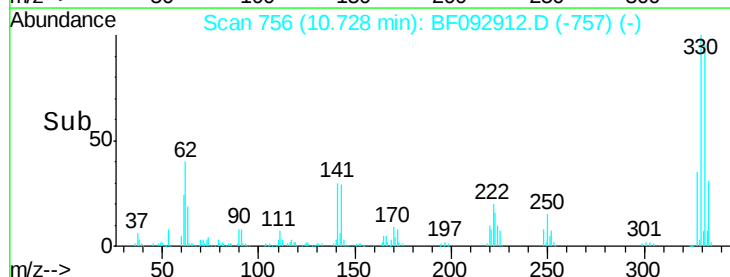
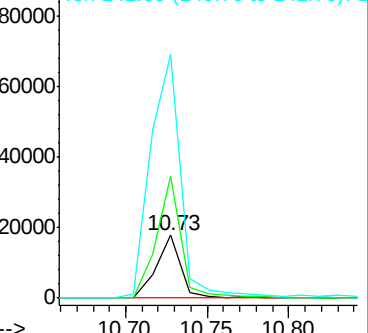
141 389.4 68.2 102.4#

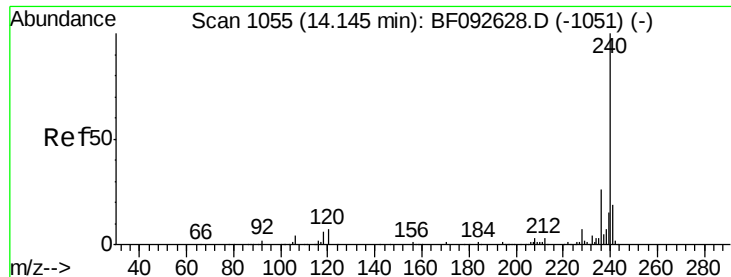


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.05 min Scan# 1047

Delta R.T. -0.09 min

Lab File: BF092912.D

Acq: 11 Feb 2017 7:53

Instrument :

BNA_F

ClientSampleId :

020817-PRRT-F-D-M

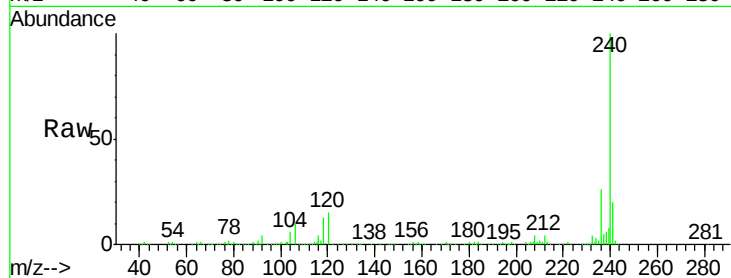
Tgt Ion:240 Resp: 407007

Ion Ratio Lower Upper

240 100

120 15.0 12.9 19.3

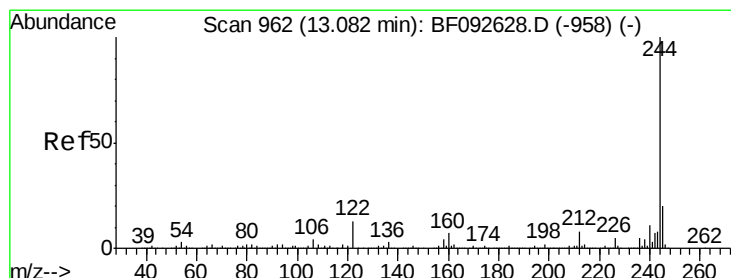
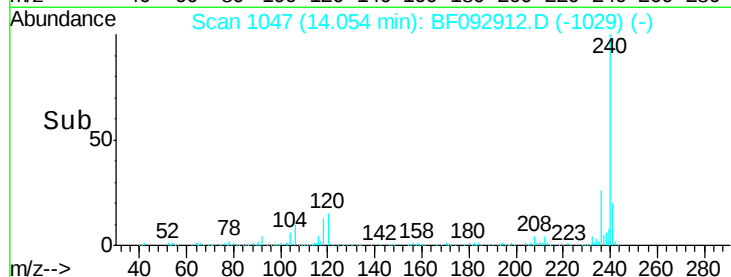
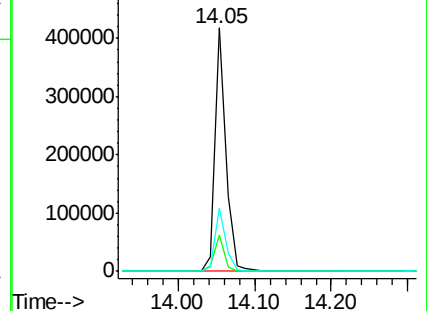
236 26.1 20.9 31.3



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: 93.37 ng

RT: 13.01 min Scan# 956

Delta R.T. -0.07 min

Lab File: BF092912.D

Acq: 11 Feb 2017 7:53

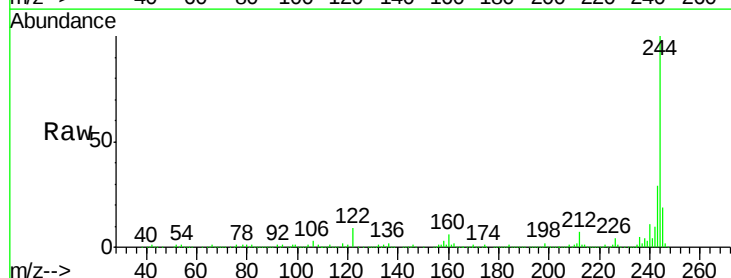
Tgt Ion:244 Resp: 1617369

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

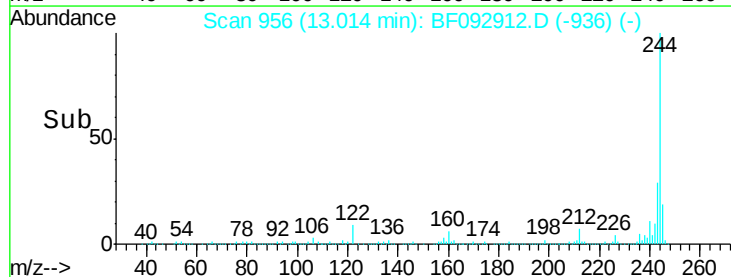
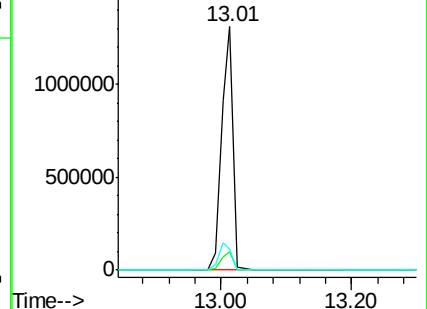
122 8.7 11.4 17.2#

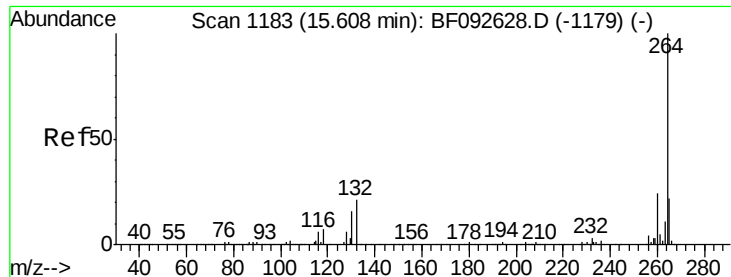


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.51 min Scan# 1174
Delta R.T. -0.10 min
Lab File: BF092912.D
Acq: 11 Feb 2017 7:53

Instrument :
BNA_F
ClientSampleId :
020817-PRRT-F-D-M

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.6	17.4	26.0

