

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098700.D
 Acq On : 22 Sep 2017 15:19
 Operator : SJ/JU
 Sample : I5333-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SV-30745L

Quant Time: Sep 22 15:53:26 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 11:54:28 2017
 Response via : Initial Calibration

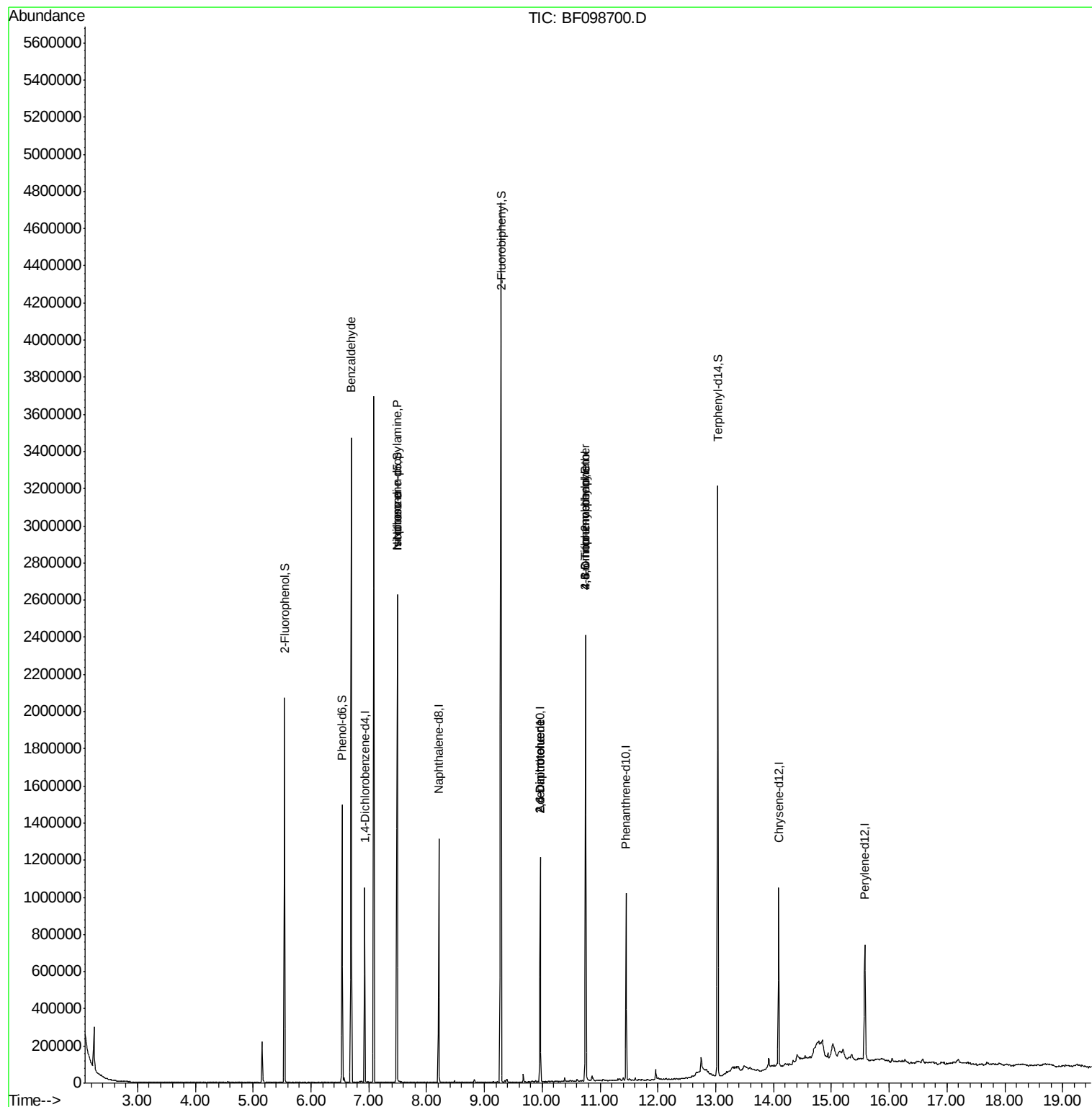
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	135632	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	547748	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	214504	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	309915	20.00	ng	0.00
75) Chrysene-d12	14.09	240	283278	20.00	ng	0.00
86) Perylene-d12	15.58	264	267550	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	591937	66.27	ng	0.00
7) Phenol-d6	6.54	99	425845	39.37	ng	0.00
23) Nitrobenzene-d5	7.49	82	920125	113.94	ng	0.00
41) 2,4,6-Tribromophenol	10.75	330	283182	144.36	ng	0.00
44) 2-Fluorobiphenyl	9.29	172	1539324	114.19	ng	0.00
78) Terphenyl-d14	13.03	244	1088515	82.51	ng	0.00
Target Compounds						
9) Benzaldehyde	6.70	77	21482	3.541	ng	85
19) n-Nitroso-di-n-propylamine	7.49	70	121415	18.120	ng	# 75
25) Isophorone	7.49	82	918963	52.180	ng	# 64
50) 2,6-Dinitrotoluene	9.96	165	27560	8.682	ng	# 26
56) 2,4-Dinitrotoluene	9.96	165	27560	6.463	ng	# 23
64) 4,6-Dinitro-2-methylphenol	10.75	198	569	9.249	ng	# 1
66) 4-Bromophenyl-phenylether	10.75	248	17075	5.457	ng	# 1

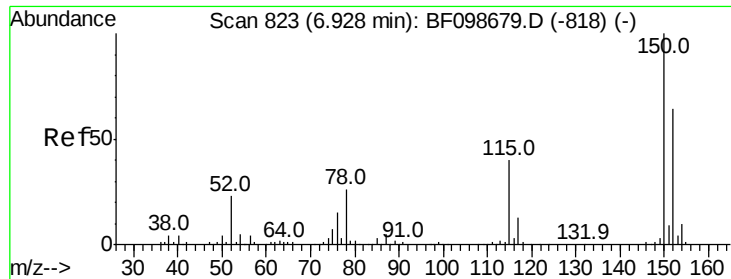
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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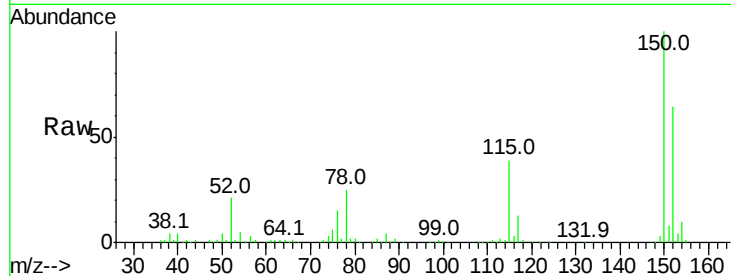


#1

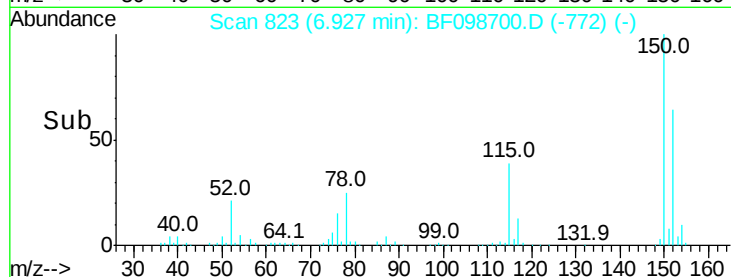
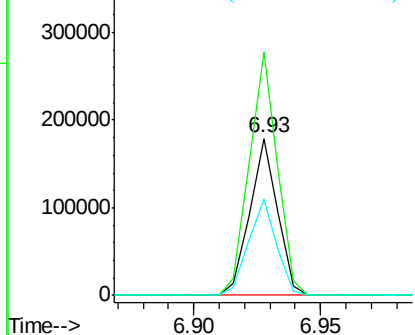
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.93 min Scan# 823
 Delta R.T. -0.00 min
 Lab File: BF098700.D
 Acq: 22 Sep 2017 15:19

Instrument :
 BNA_F
 ClientSampleId :
 SV-30745L

Tot Ion:152 Resp: 135632
 Ion Ratio Lower Upper
 152 100
 150 155.4 124.6 186.8
 115 61.2 50.1 75.1



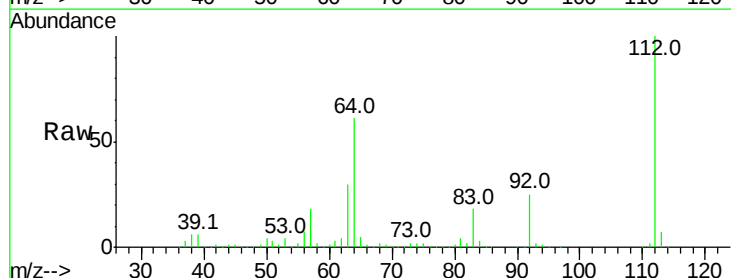
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



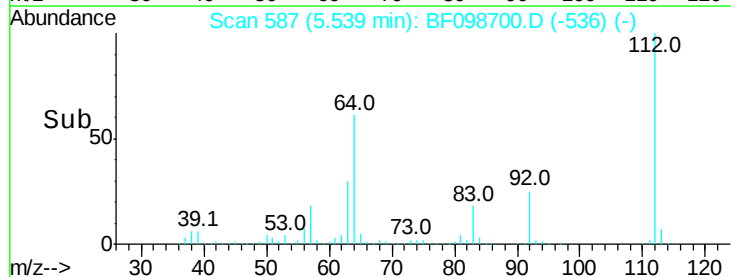
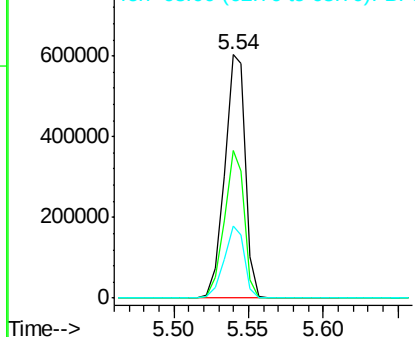
#5

2-Fluorophenol
 Concen: 66.273 ng
 RT: 5.54 min Scan# 587
 Delta R.T. -0.00 min
 Lab File: BF098700.D
 Acq: 22 Sep 2017 15:19

Tgt Ion:112 Resp: 591937
 Ion Ratio Lower Upper
 112 100
 64 60.7 47.9 71.9
 63 29.7 23.7 35.5



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: 39.372 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098700.D

Acq: 22 Sep 2017 15:19

Instrument :

BNA_F

ClientSampleId :

SV-30745L

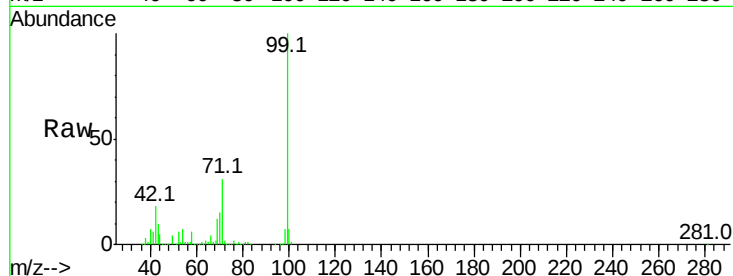
Tot Ion: 99 Resp: 425845

Ion Ratio Lower Upper

99 100

42 18.0 14.5 21.7

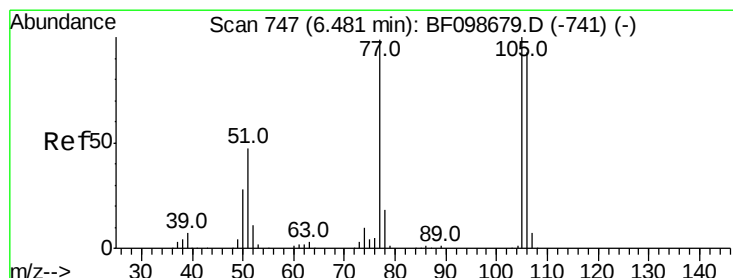
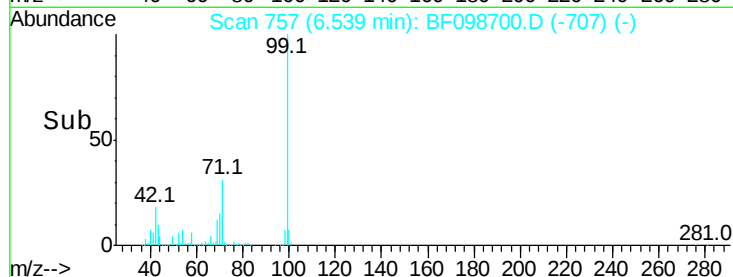
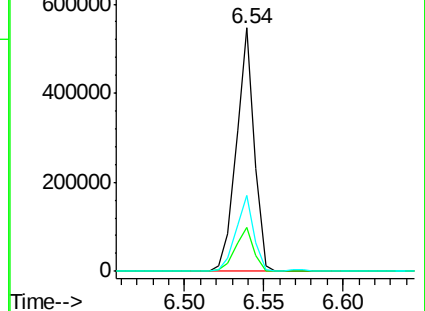
71 31.2 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.541 ng

RT: 6.70 min Scan# 784

Delta R.T. 0.22 min

Lab File: BF098700.D

Acq: 22 Sep 2017 15:19

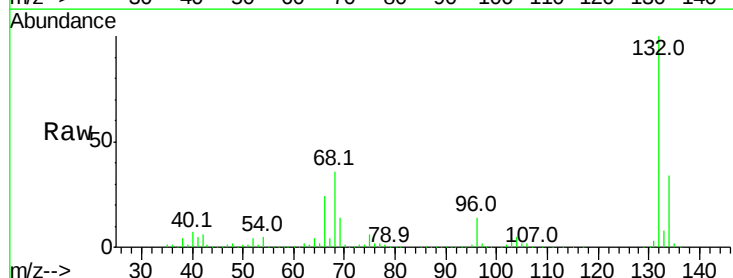
Tgt Ion: 77 Resp: 21482

Ion Ratio Lower Upper

77 100

105 85.1 81.1 121.1

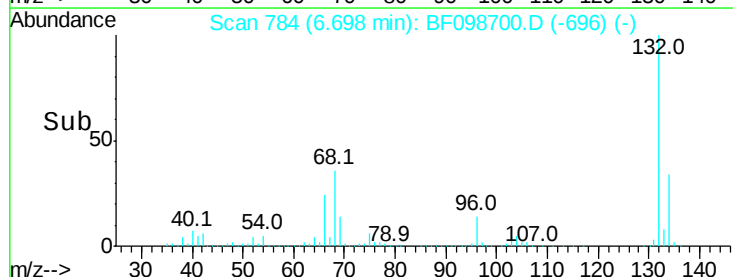
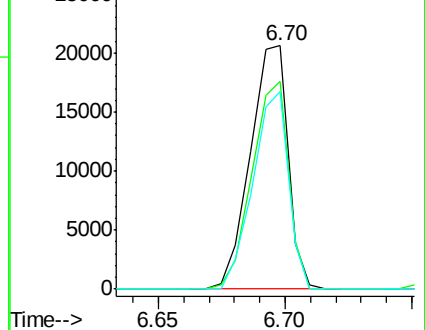
106 81.2 74.5 114.5

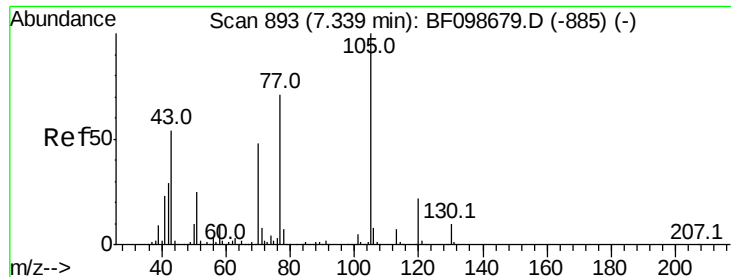


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

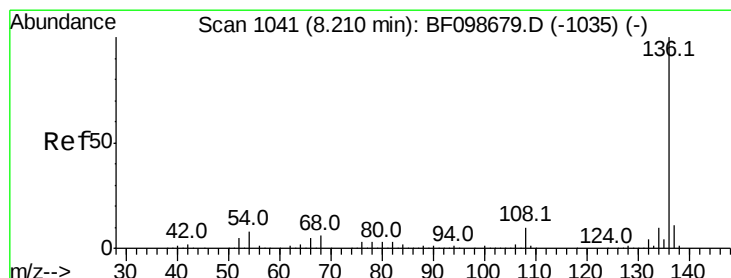
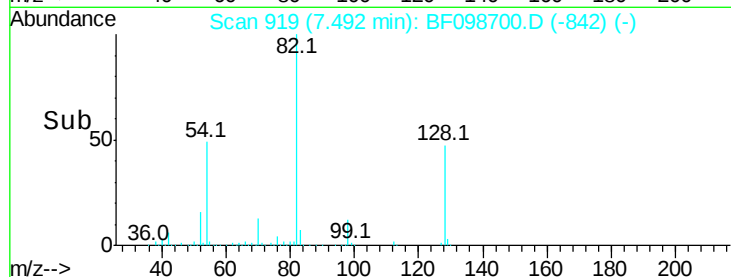
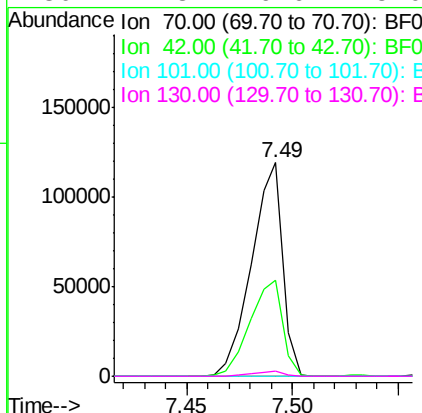
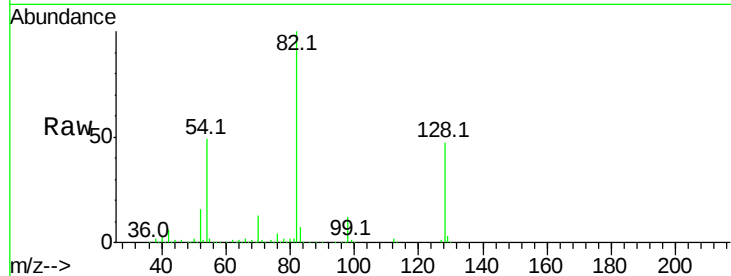




#19
 n-Nitroso-di-n-propylamine
 Concen: 18.120 ng
 RT: 7.49 min Scan# 919
 Delta R.T. 0.15 min
 Lab File: BF098700.D
 Acq: 22 Sep 2017 15:19

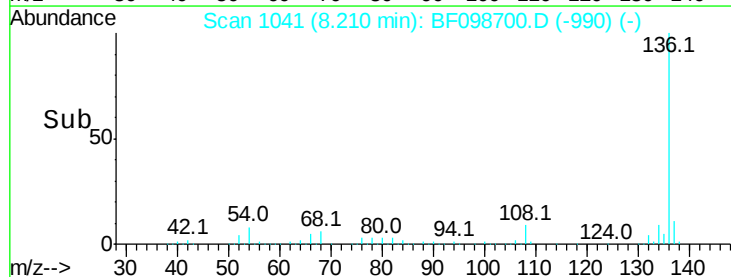
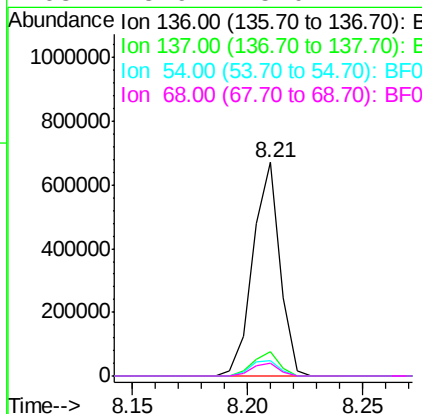
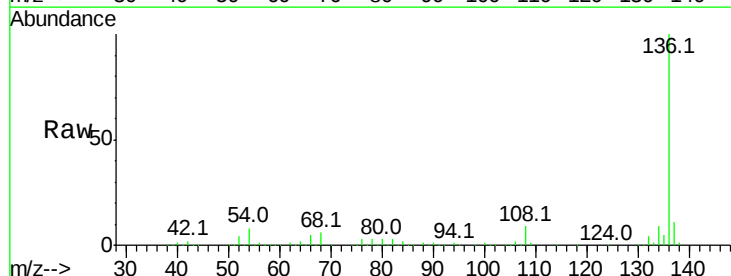
Instrument :
 BNA_F
 ClientSampleId :
 SV-30745L

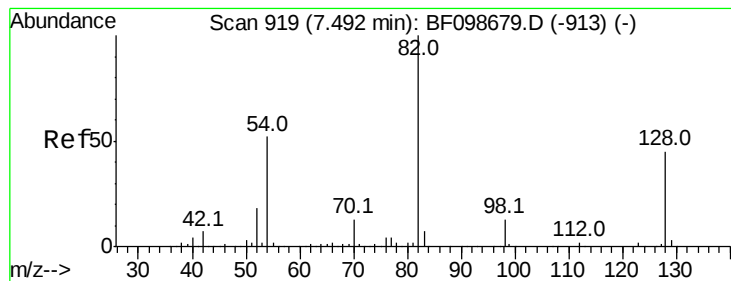
Tot Ion: 70 Resp: 121415
 Ion Ratio Lower Upper
 70 100
 42 44.7 47.5 71.3#
 101 0.0 7.4 11.2#
 130 2.3 16.6 25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.21 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BF098700.D
 Acq: 22 Sep 2017 15:19

Tgt Ion: 136 Resp: 547748
 Ion Ratio Lower Upper
 136 100
 137 11.2 8.9 13.3
 54 7.5 6.6 9.8
 68 5.9 5.0 7.4





#23

Nitrobenzene-d5

Concen: 113.944 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.00 min

Lab File: BF098700.D

Acq: 22 Sep 2017 15:19

Instrument :

BNA_F

ClientSampleId :

SV-30745L

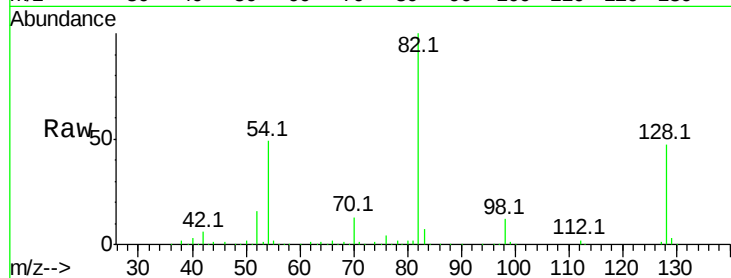
Tot Ion: 82 Resp: 920125

Ion Ratio Lower Upper

82 100

128 46.6 36.1 54.1

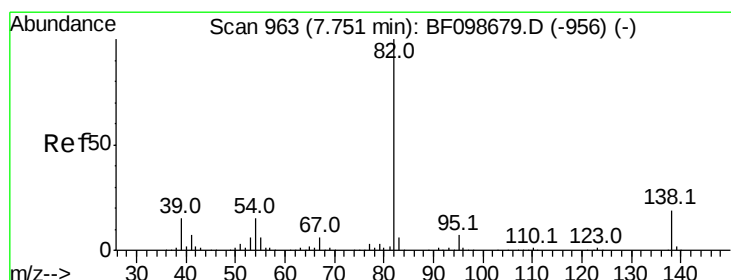
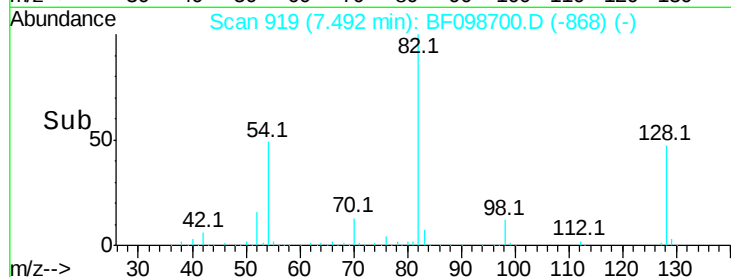
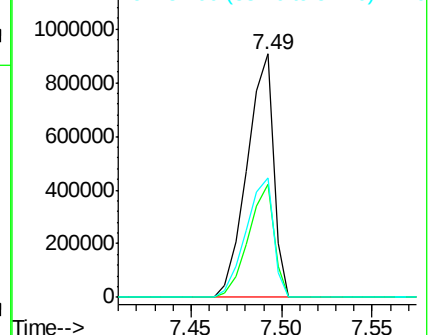
54 49.1 41.4 62.2



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: 52.180 ng

RT: 7.49 min Scan# 919

Delta R.T. -0.26 min

Lab File: BF098700.D

Acq: 22 Sep 2017 15:19

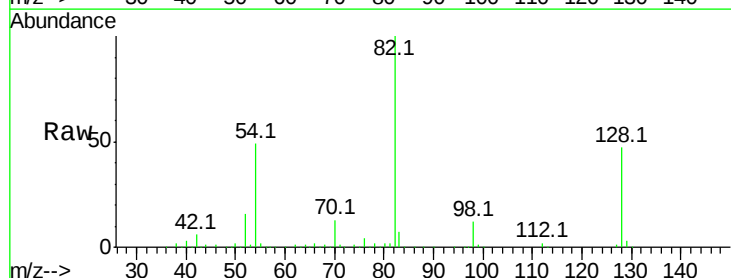
Tgt Ion: 82 Resp: 918963

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

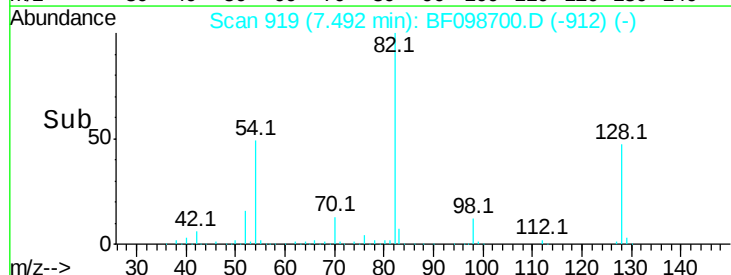
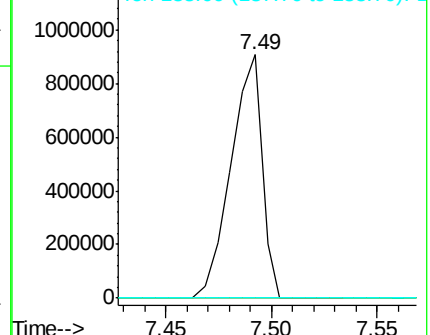
138 0.0 14.9 22.3#

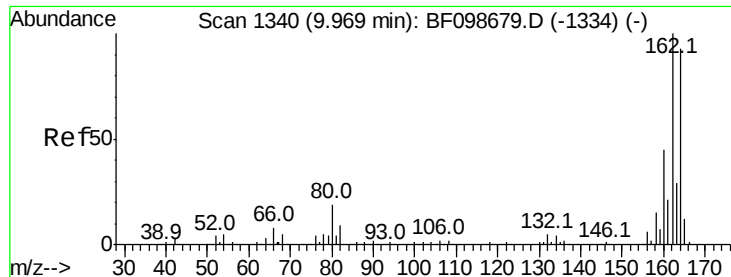


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.96 min Scan# 1339

Delta R.T. -0.00 min

Lab File: BF098700.D

Acq: 22 Sep 2017 15:19

Instrument :

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ClientSampleId :

SV-30745L

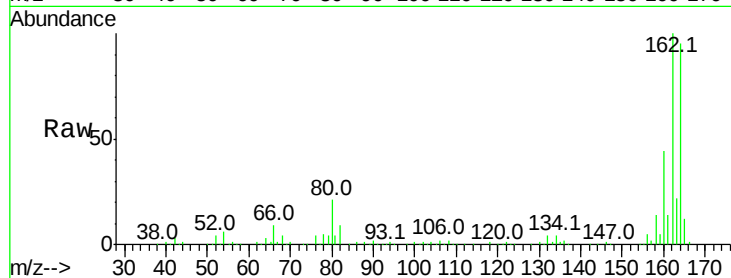
Tot Ion:164 Resp: 214504

Ion Ratio Lower Upper

164 100

162 105.2 86.1 129.1

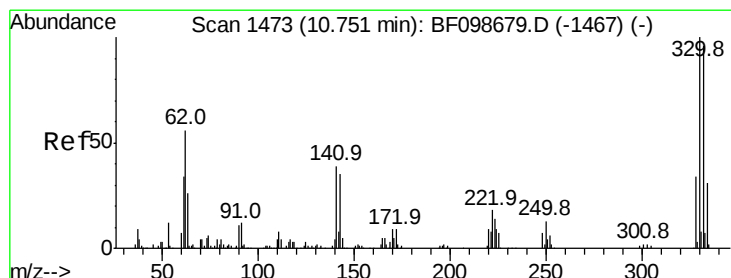
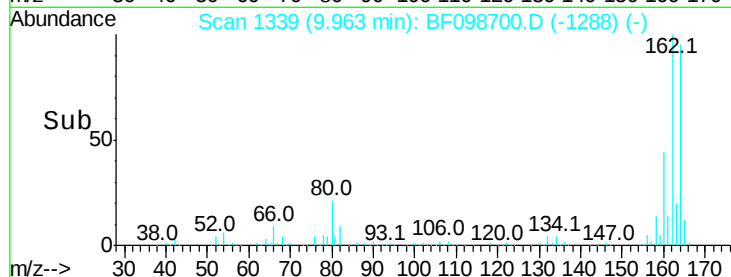
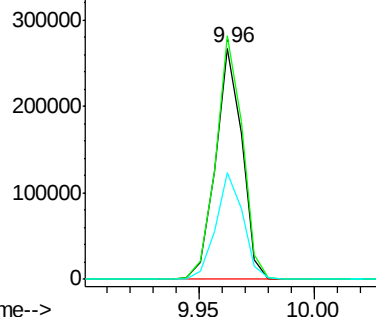
160 46.2 38.3 57.5



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: 144.357 ng

RT: 10.75 min Scan# 1473

Delta R.T. -0.00 min

Lab File: BF098700.D

Acq: 22 Sep 2017 15:19

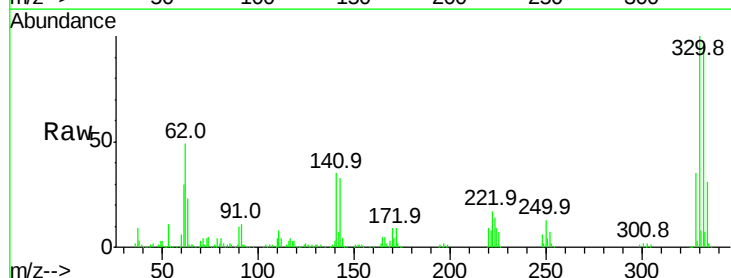
Tgt Ion:330 Resp: 283182

Ion Ratio Lower Upper

330 100

332 95.8 77.0 115.6

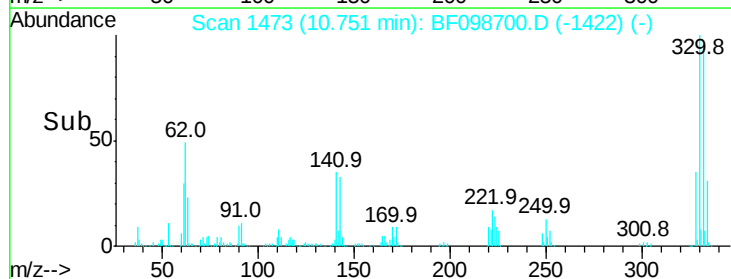
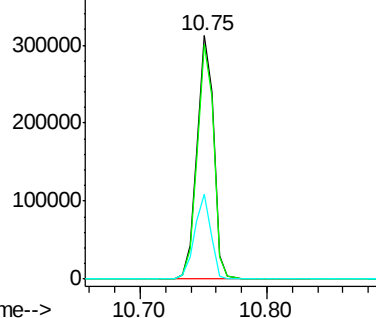
141 34.8 29.9 44.9

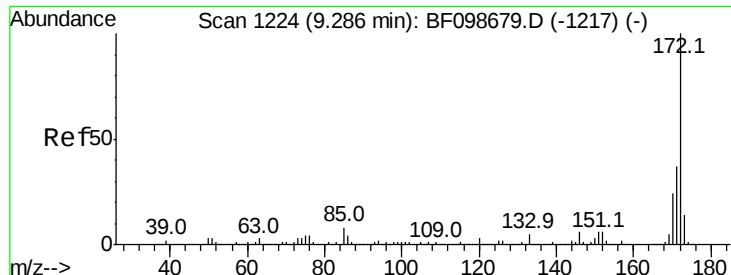


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



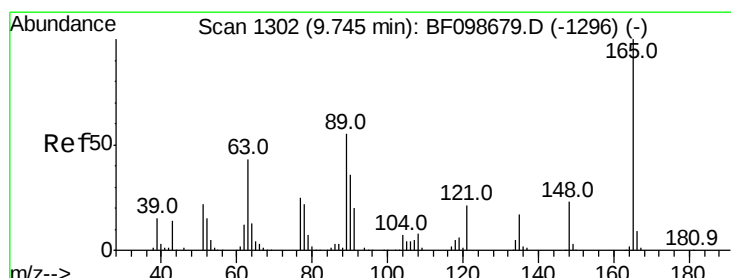
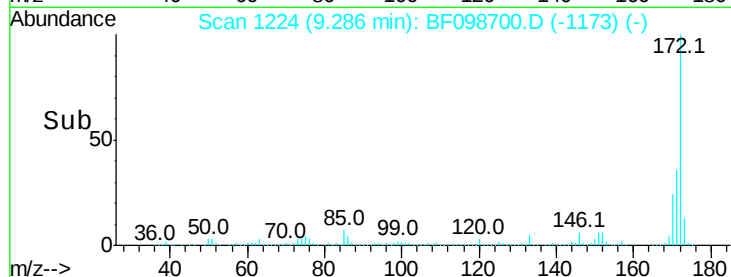
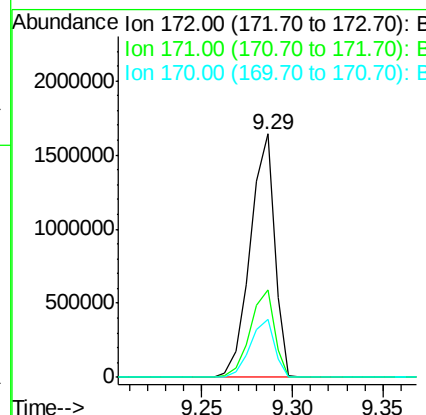
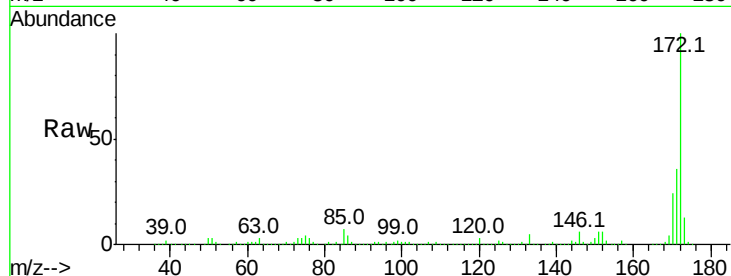


#44
 2-Fluorobiphenyl
 Concen: 114.194 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. -0.00 min
 Lab File: BF098700.D
 Acq: 22 Sep 2017 15:19

Instrument :
 BNA_F
 ClientSampleId :
 SV-30745L

Tot Ion:172 Resp: 1539324

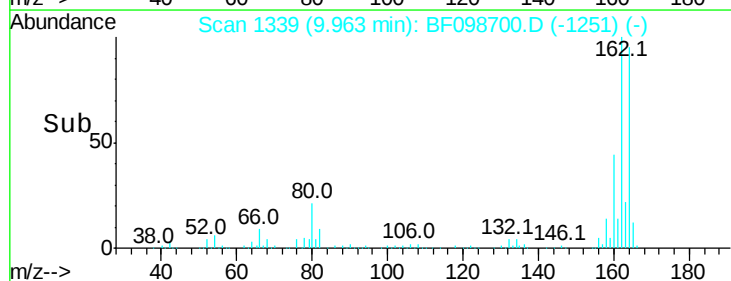
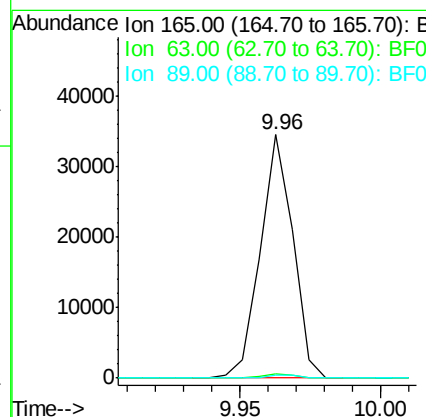
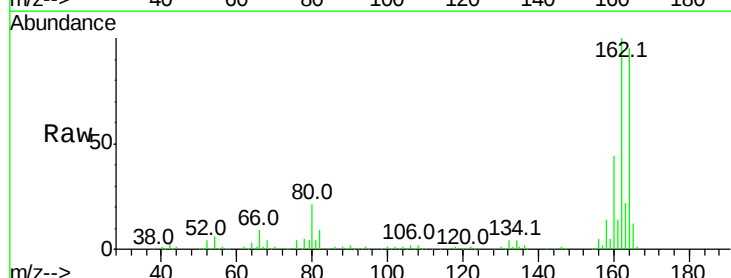
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.7	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 8.682 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.22 min
 Lab File: BF098700.D
 Acq: 22 Sep 2017 15:19

Tgt Ion:165 Resp: 27560

Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.4	44.0	66.0#

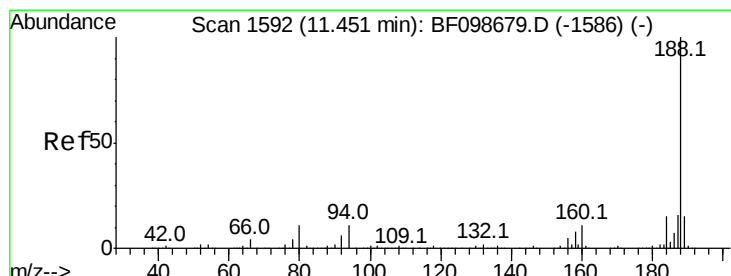
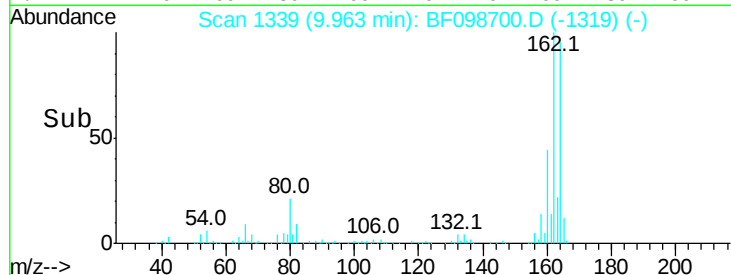
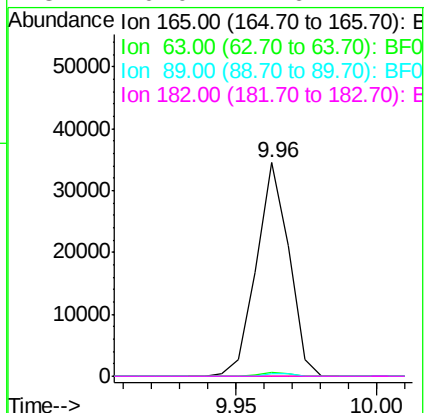
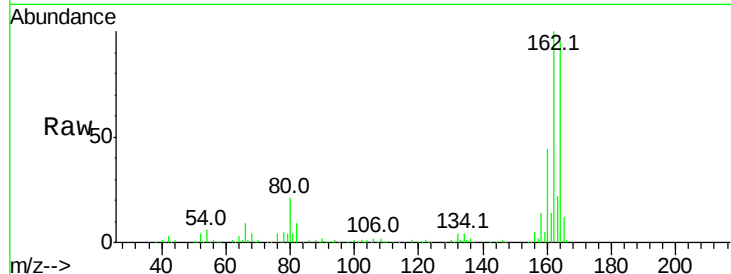




#56
 2,4-Dinitrotoluene
 Concen: 6.463 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.18 min
 Lab File: BF098700.D
 Acq: 22 Sep 2017 15:19

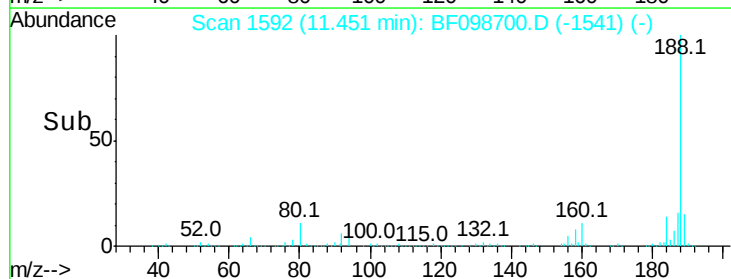
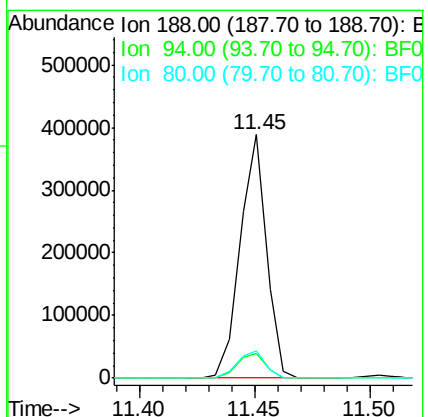
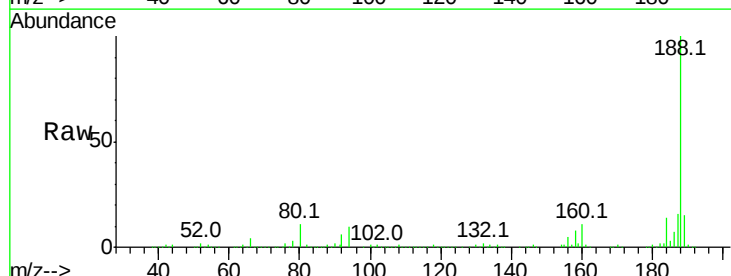
Instrument :
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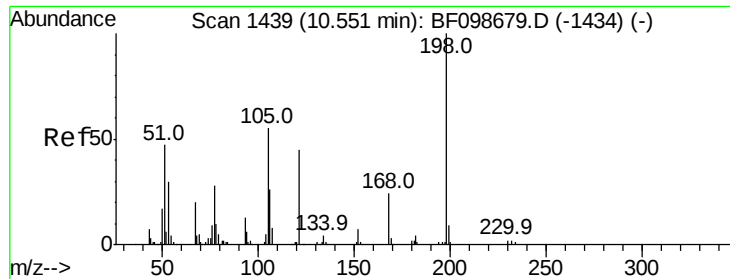
Tot Ion:165 Resp: 27560
 Ion Ratio Lower Upper
 165 100
 63 1.6 36.4 54.6#
 89 1.4 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BF098700.D
 Acq: 22 Sep 2017 15:19

Tgt Ion:188 Resp: 309915
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 11.4 9.2 13.8

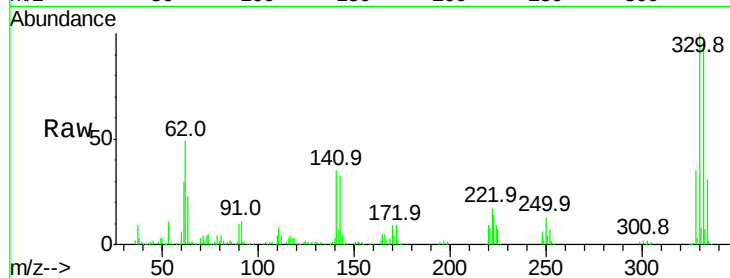




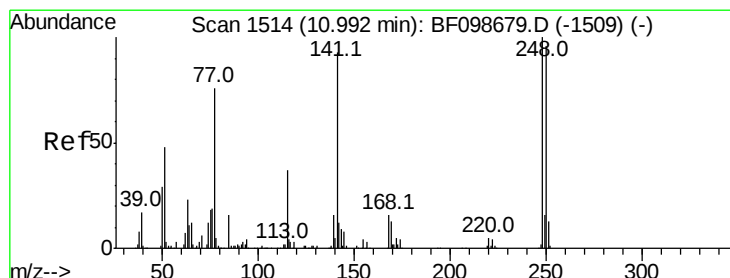
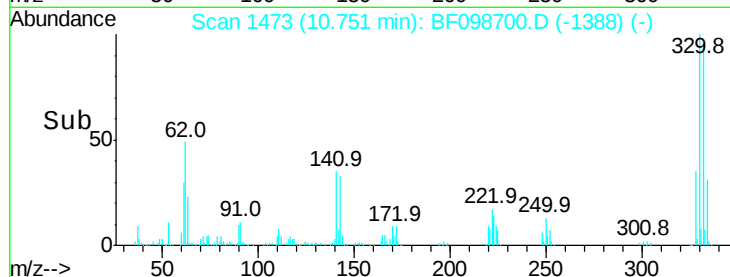
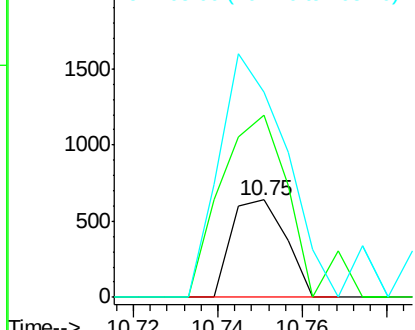
#64
4,6-Dinitro-2-methylphenol
Concen: 9.249 ng
RT: 10.75 min Scan# 1473
Delta R.T. 0.20 min
Lab File: BF098700.D
Acq: 22 Sep 2017 15:19

Instrument :
BNA_F
ClientSampleId :
SV-30745L

Tot Ion:198 Resp: 569
Ion Ratio Lower Upper
198 100
51 186.1 37.7 77.7#
105 210.8 36.3 76.3#

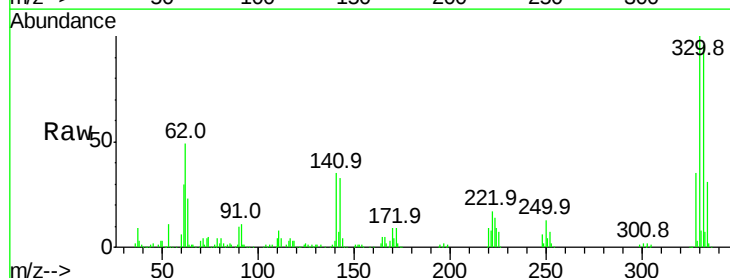


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

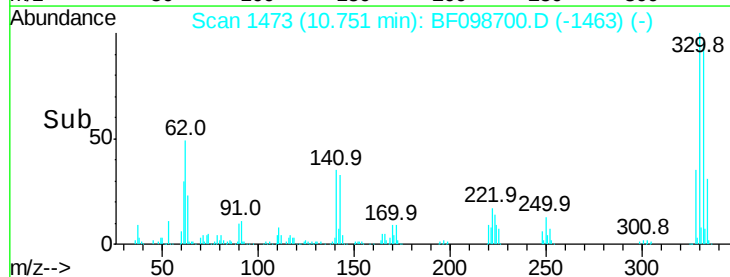
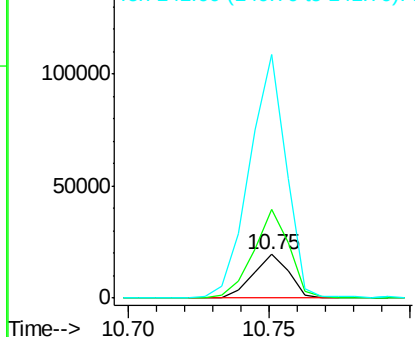


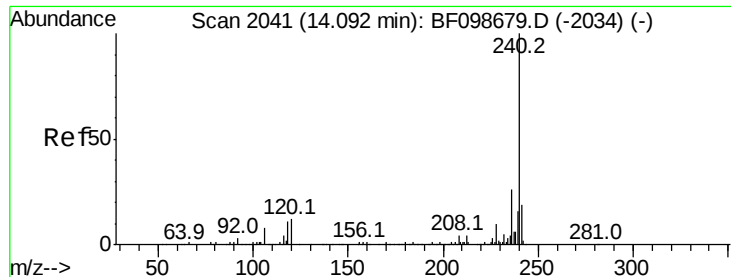
#66
4-Bromophenyl-phenylether
Concen: 5.457 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.24 min
Lab File: BF098700.D
Acq: 22 Sep 2017 15:19

Tgt Ion:248 Resp: 17075
Ion Ratio Lower Upper
248 100
250 202.9 76.9 115.3#
141 560.2 74.4 111.6#



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

Chrvsene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098700.D

Acq: 22 Sep 2017 15:19

Instrument :

BNA_F

ClientSampleId :

SV-30745L

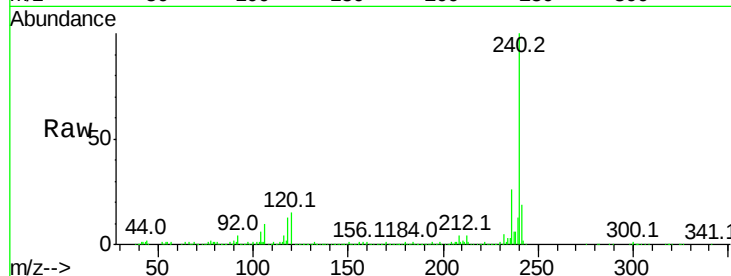
Tot Ion:240 Resp: 283278

Ion Ratio Lower Upper

240 100

120 14.9 9.5 14.3#

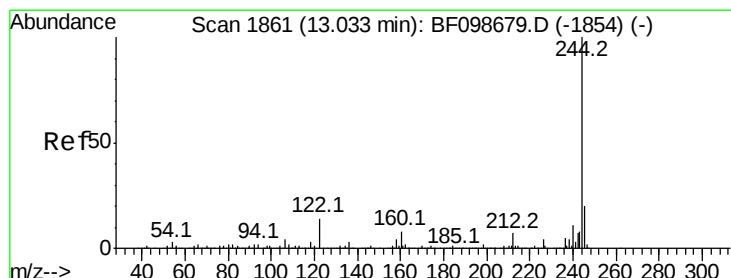
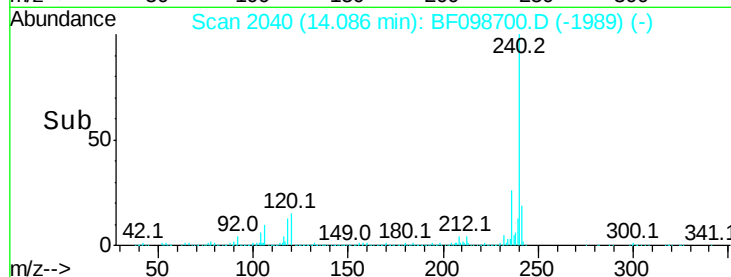
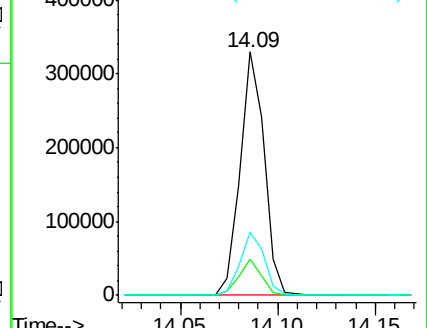
236 26.0 20.7 31.1



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: 82.509 ng

RT: 13.03 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BF098700.D

Acq: 22 Sep 2017 15:19

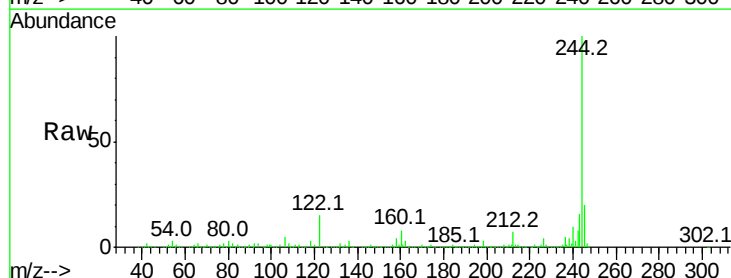
Tgt Ion:244 Resp: 1088515

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

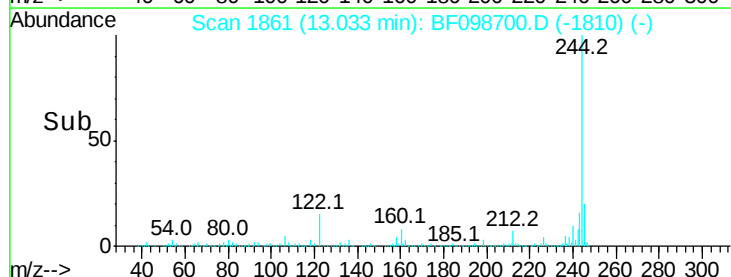
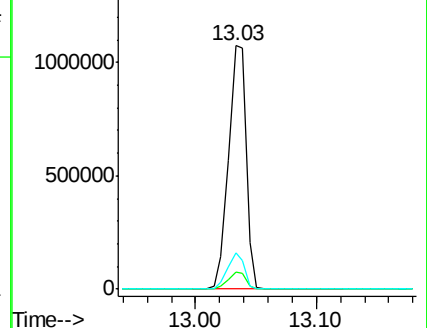
122 14.7 11.0 16.4

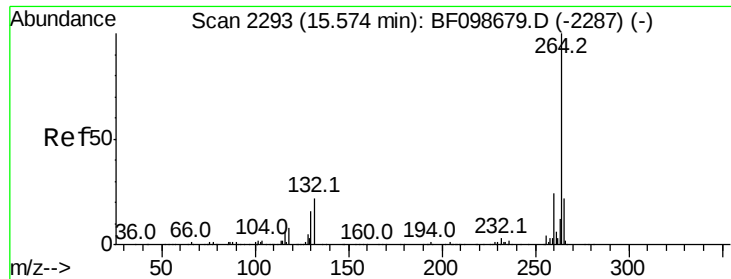


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.58 min Scan# 2294
Delta R.T. 0.01 min
Lab File: BF098700.D
Acq: 22 Sep 2017 15:19

Instrument :
BNA_F
ClientSampleId :
SV-30745L

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.5	17.5	26.3

