

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092217\
 Data File : BF098696.D
 Acq On : 22 Sep 2017 13:29
 Operator : SJ/JU
 Sample : I5310-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-091917-A

Quant Time: Sep 22 14:35:04 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

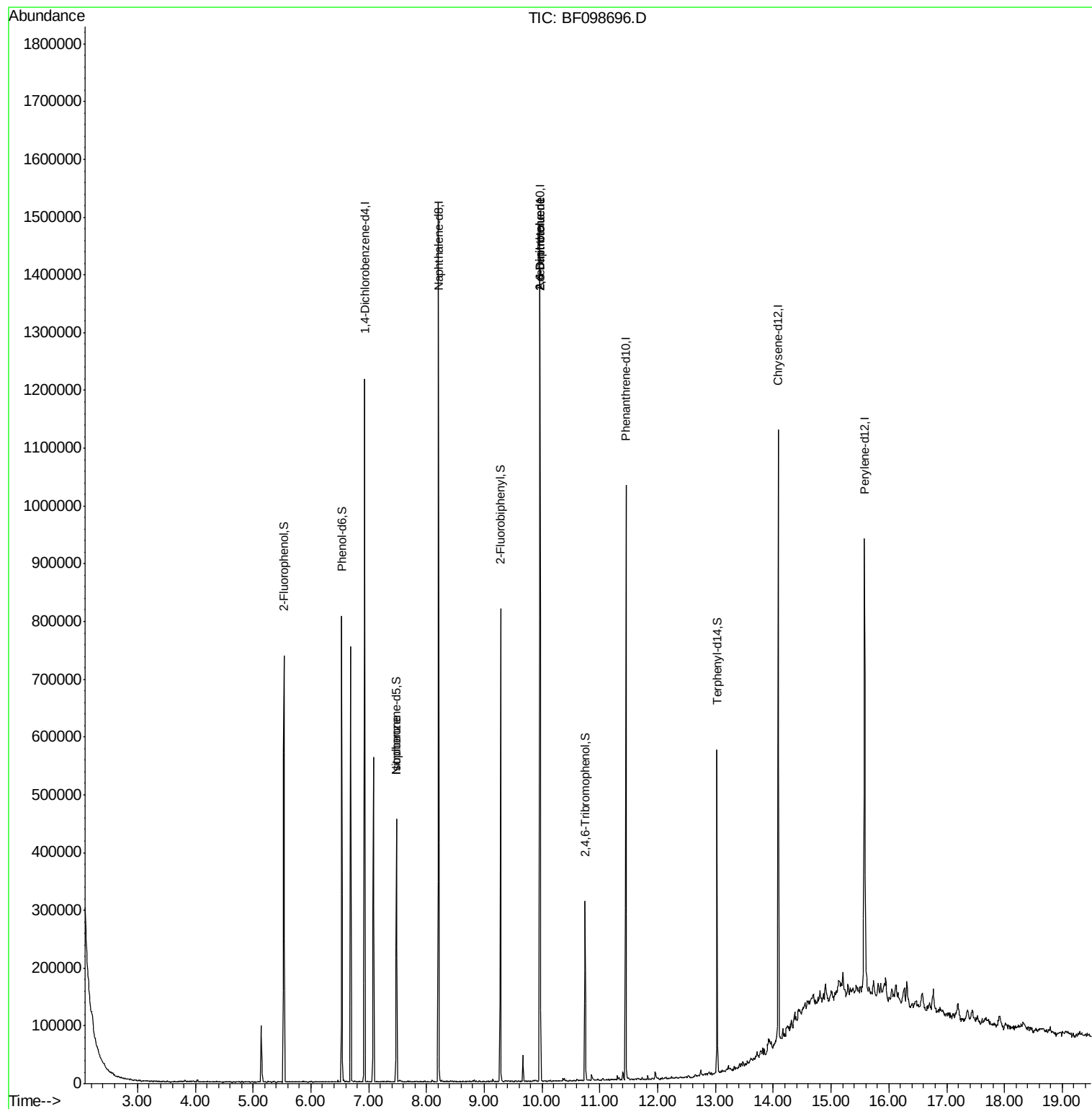
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	161794	20.00	ng	0.00
21) Naphthalene-d8	8.21	136	640129	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	251533	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	359364	20.00	ng	0.00
75) Chrysene-d12	14.09	240	318193	20.00	ng	0.00
86) Perylene-d12	15.58	264	340694	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	183635	17.24	ng	0.00
7) Phenol-d6	6.53	99	219307	17.00	ng	-0.01
23) Nitrobenzene-d5	7.48	82	114337	12.12	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	28551	12.41	ng	0.00
44) 2-Fluorobiphenyl	9.28	172	228234	14.44	ng	0.00
78) Terphenyl-d14	13.03	244	146605	9.89	ng	0.00
Target Compounds						
25) Isophorone	7.48	82	113814	5.530	ng	# 64
50) 2,6-Dinitrotoluene	9.96	165	33006	8.867	ng	# 26
56) 2,4-Dinitrotoluene	9.96	165	33006	6.601	ng	# 23

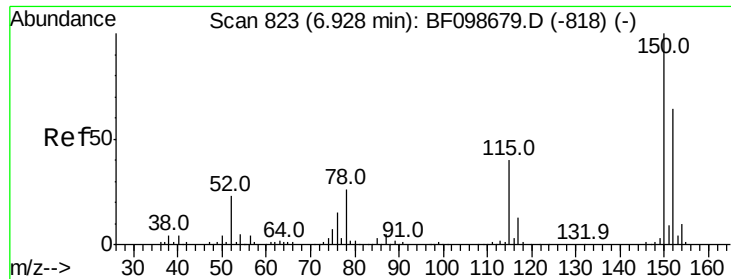
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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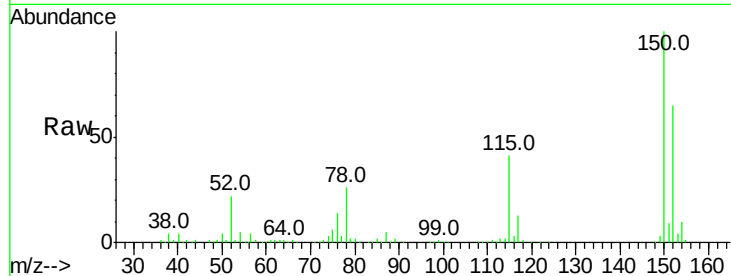


#1

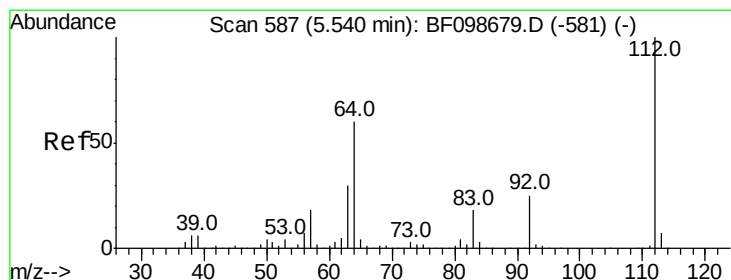
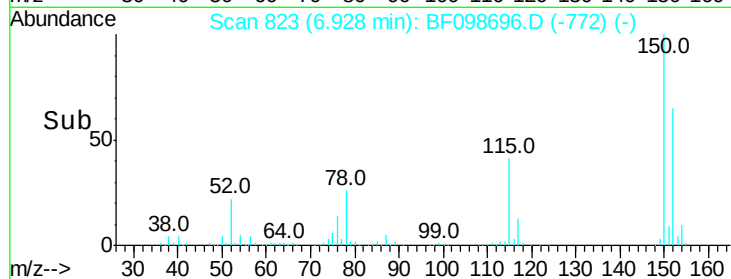
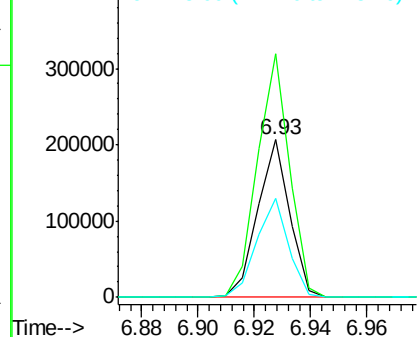
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF098696.D
Acq: 22 Sep 2017 13:29

Instrument :
BNA_F
ClientSampleId :
NB-01-091917-A

Tot Ion:152 Resp: 161794
Ion Ratio Lower Upper
152 100
150 154.4 124.6 186.8
115 62.6 50.1 75.1



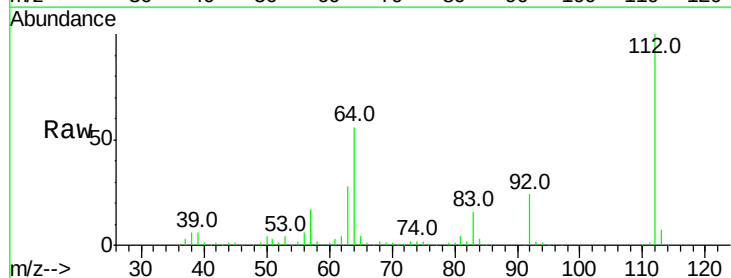
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



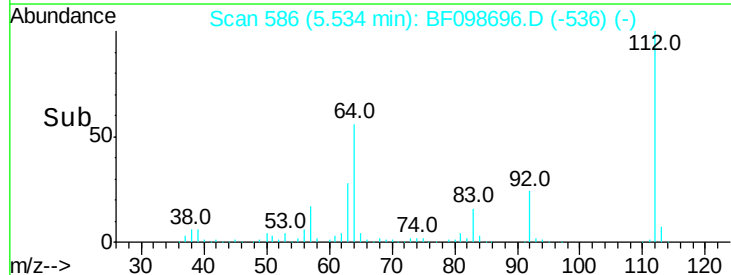
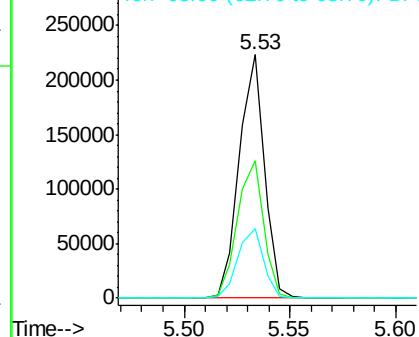
#5

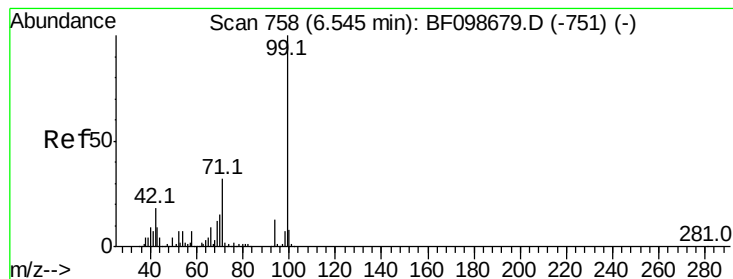
2-Fluorophenol
Concen: 17.235 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098696.D
Acq: 22 Sep 2017 13:29

Tgt Ion:112 Resp: 183635
Ion Ratio Lower Upper
112 100
64 56.2 47.9 71.9
63 28.4 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: 16.998 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098696.D

Acq: 22 Sep 2017 13:29

Instrument :

BNA_F

ClientSampleId :

NB-01-091917-A

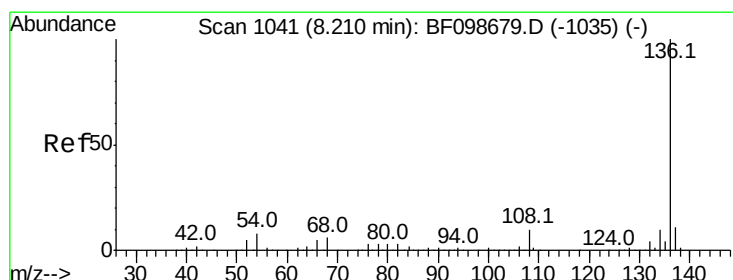
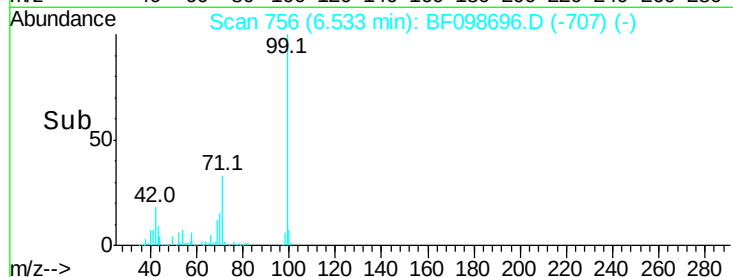
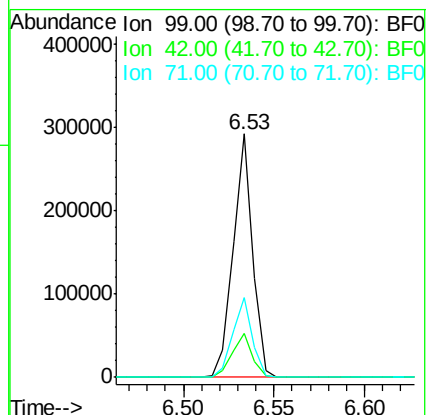
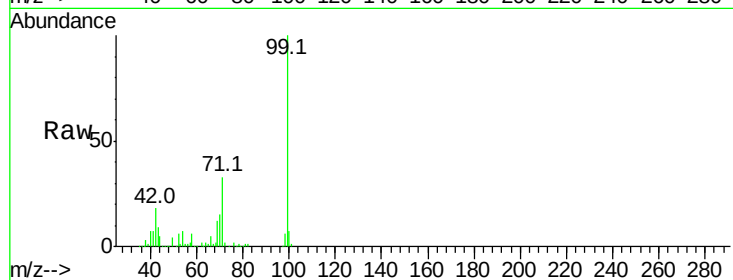
Tot Ion: 99 Resp: 219307

Ion Ratio Lower Upper

99 100

42 18.2 14.5 21.7

71 32.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.21 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF098696.D

Acq: 22 Sep 2017 13:29

Tgt Ion: 136 Resp: 640129

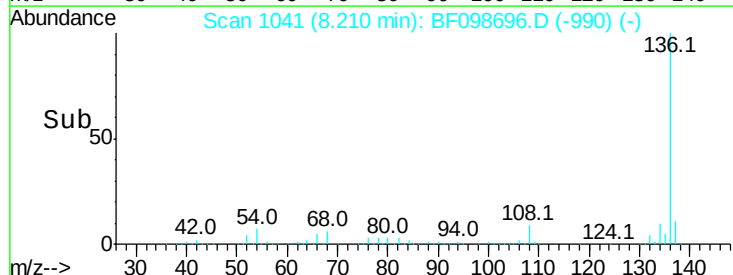
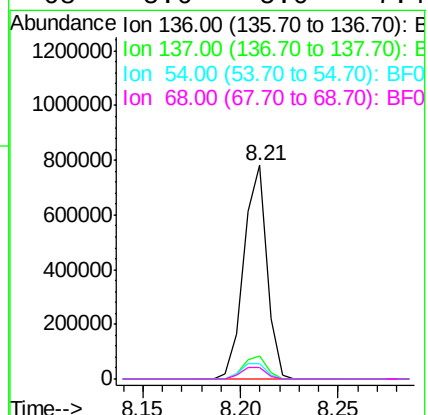
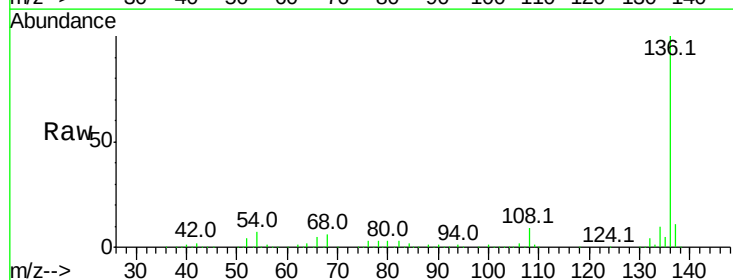
Ion Ratio Lower Upper

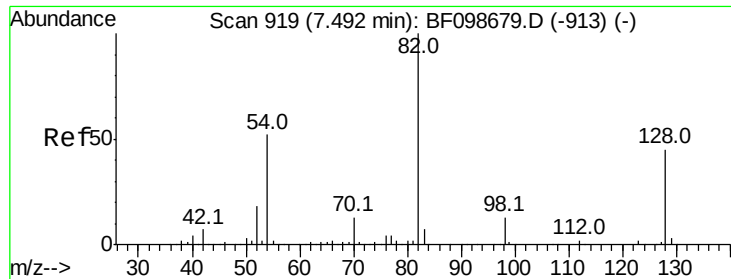
136 100

137 10.7 8.9 13.3

54 7.4 6.6 9.8

68 5.6 5.0 7.4





#23

Nitrobenzene-d5

Concen: 12.116 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.01 min

Lab File: BF098696.D

Acq: 22 Sep 2017 13:29

Instrument :

BNA_F

ClientSampleId :

NB-01-091917-A

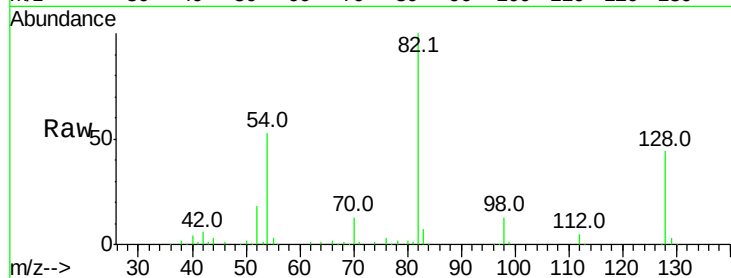
Tot Ion: 82 Resp: 114337

Ion Ratio Lower Upper

82 100

128 43.7 36.1 54.1

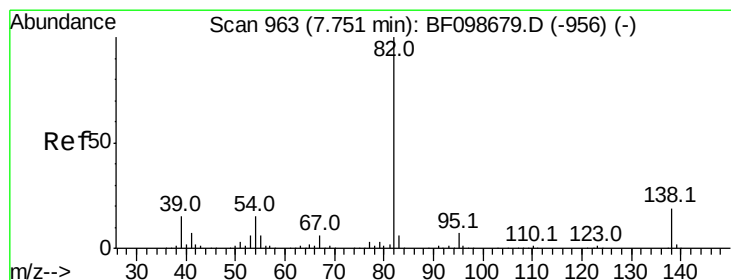
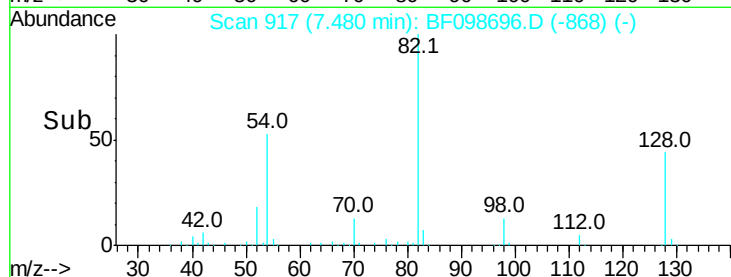
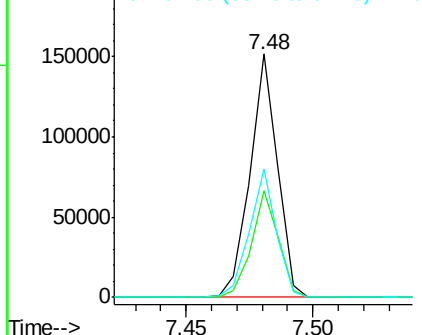
54 52.7 41.4 62.2



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: 5.530 ng

RT: 7.48 min Scan# 917

Delta R.T. -0.27 min

Lab File: BF098696.D

Acq: 22 Sep 2017 13:29

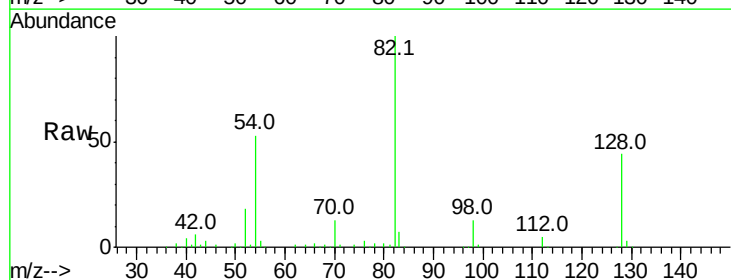
Tgt Ion: 82 Resp: 113814

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

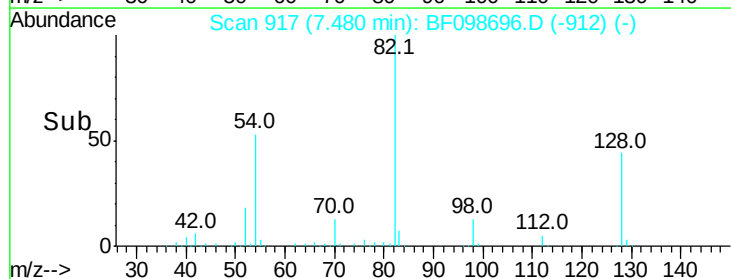
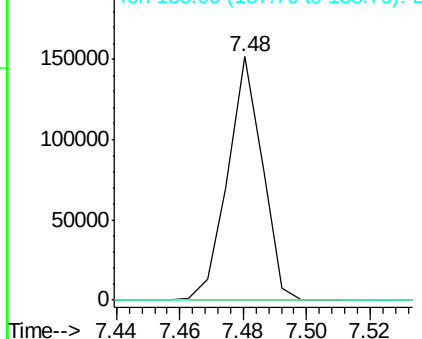
138 0.0 14.9 22.3#

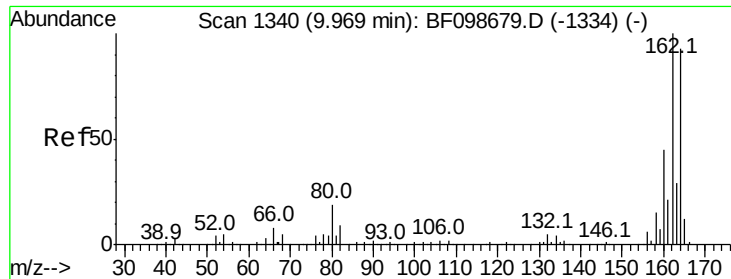


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

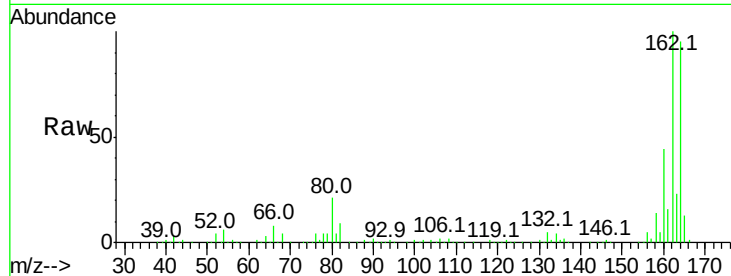




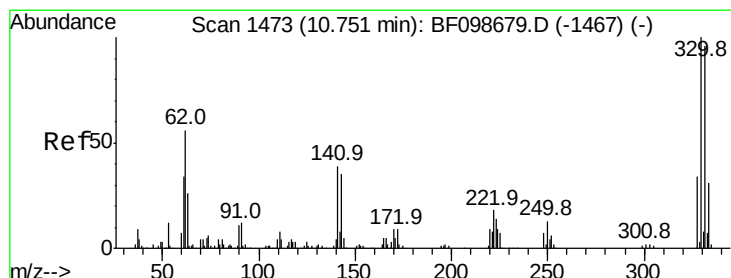
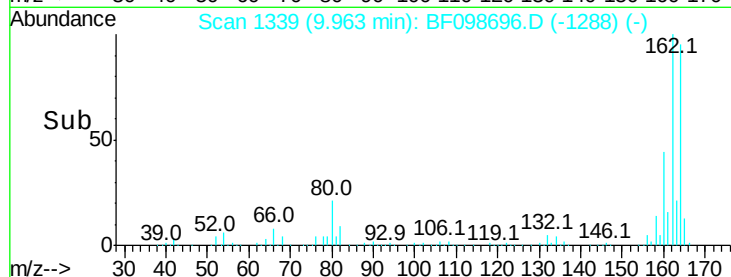
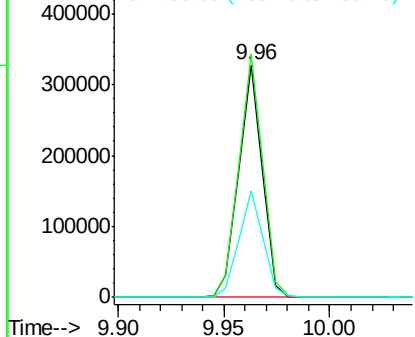
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.00 min
 Lab File: BF098696.D
 Acq: 22 Sep 2017 13:29

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-091917-A

Tot Ion:164 Resp: 251533
 Ion Ratio Lower Upper
 164 100
 162 104.8 86.1 129.1
 160 45.7 38.3 57.5

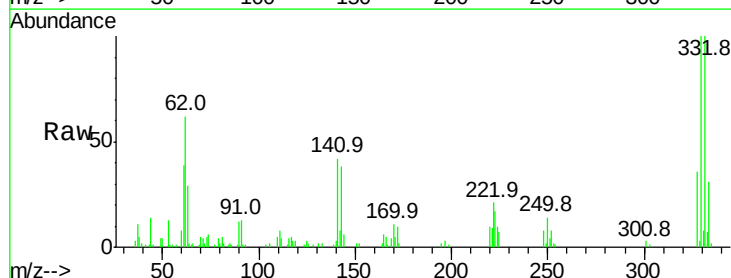


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

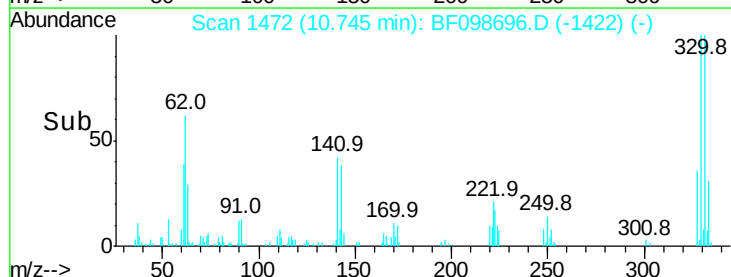
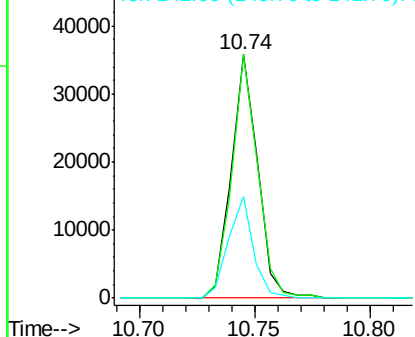


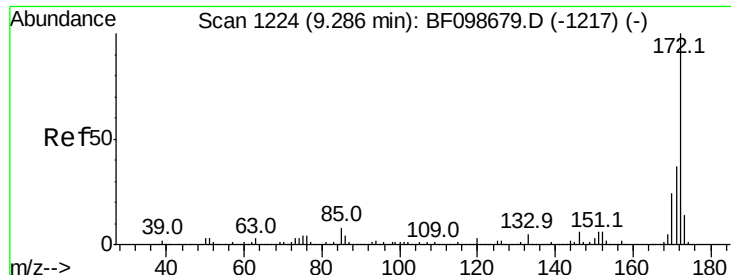
#41
 2,4,6-Tribromophenol
 Concen: 12.412 ng
 RT: 10.74 min Scan# 1472
 Delta R.T. -0.01 min
 Lab File: BF098696.D
 Acq: 22 Sep 2017 13:29

Tgt Ion:330 Resp: 28551
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.0 115.6
 141 39.5 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

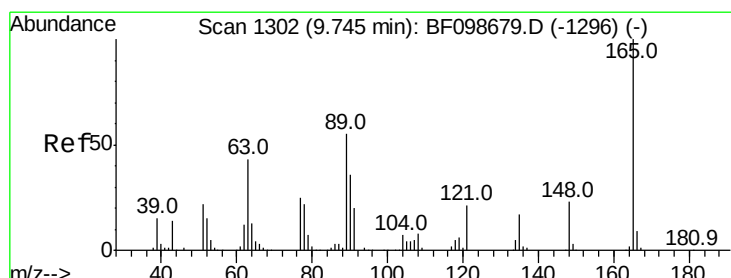
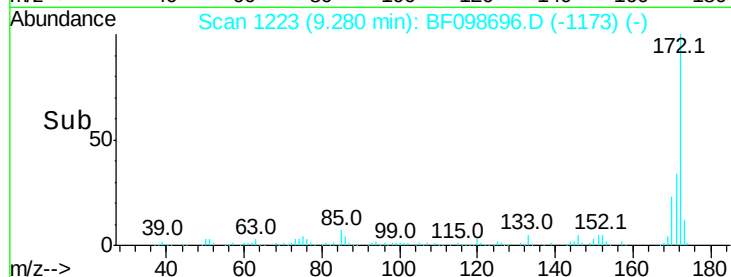
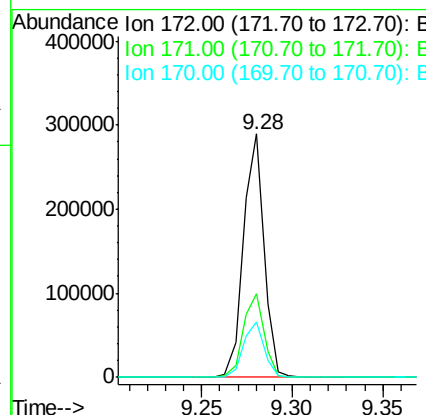
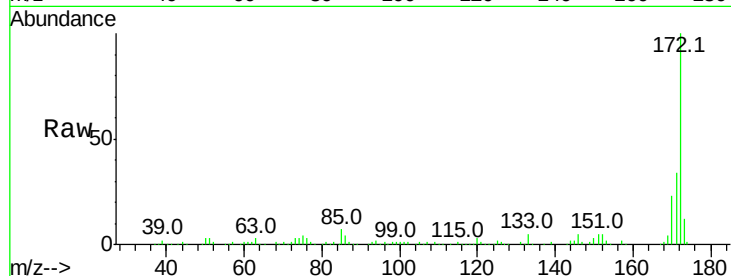




#44
 2-Fluorobiphenyl
 Concen: 14.439 ng
 RT: 9.28 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BF098696.D
 Acq: 22 Sep 2017 13:29

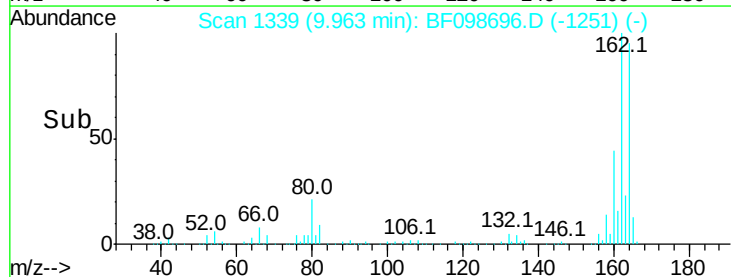
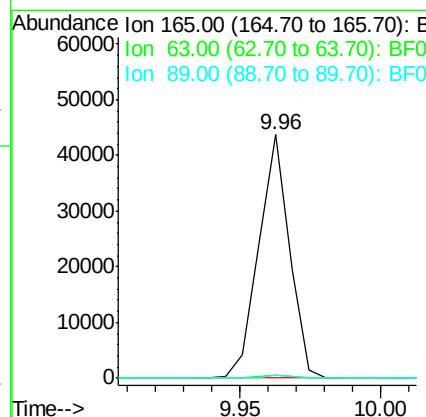
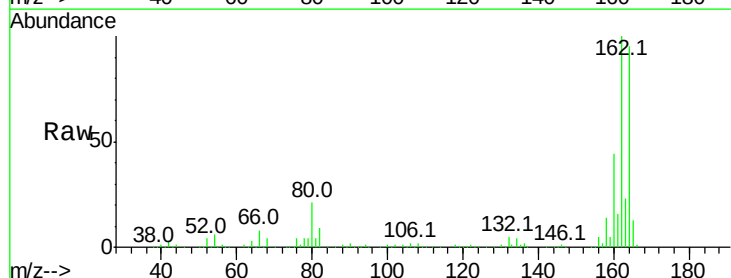
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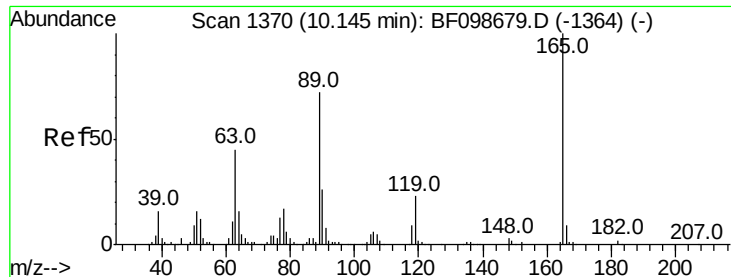
Tot Ion	Ratio	Lower	Upper
172	100		
171	34.4	29.7	44.5
170	23.0	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 8.867 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.22 min
 Lab File: BF098696.D
 Acq: 22 Sep 2017 13:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	44.7	67.1#
89	1.3	44.0	66.0#

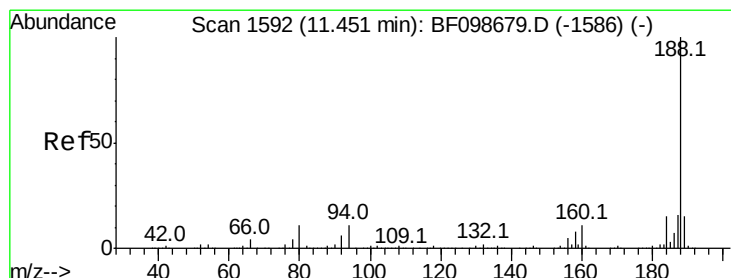
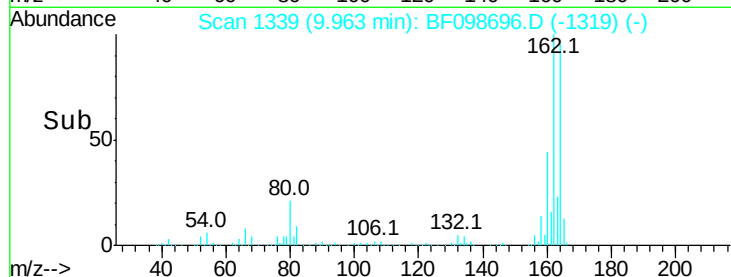
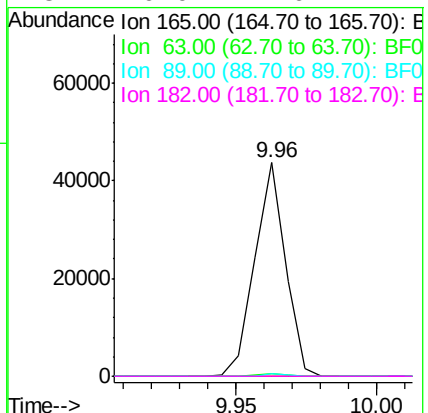
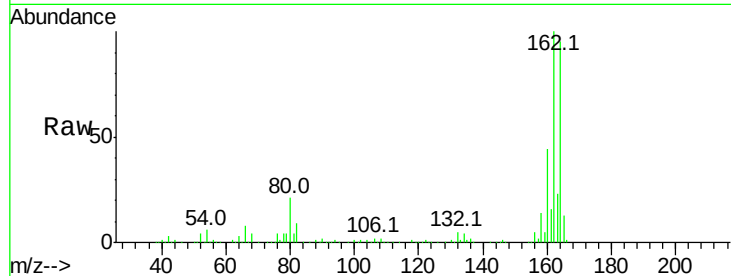




#56
 2,4-Dinitrotoluene
 Concen: 6.601 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. -0.18 min
 Lab File: BF098696.D
 Acq: 22 Sep 2017 13:29

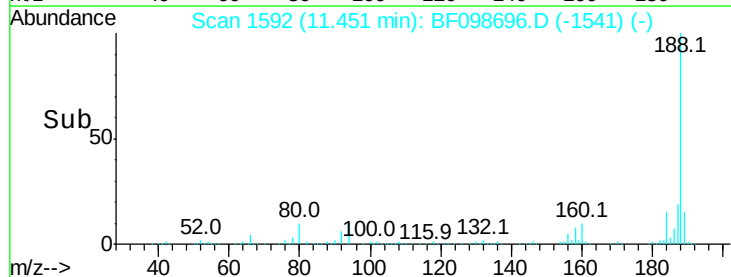
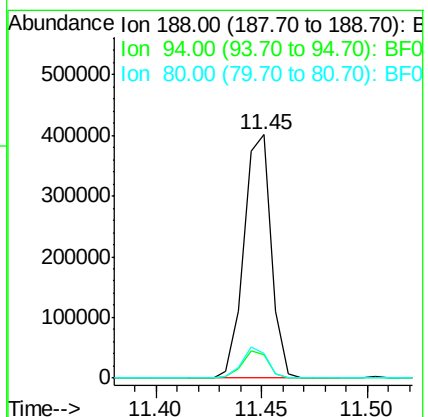
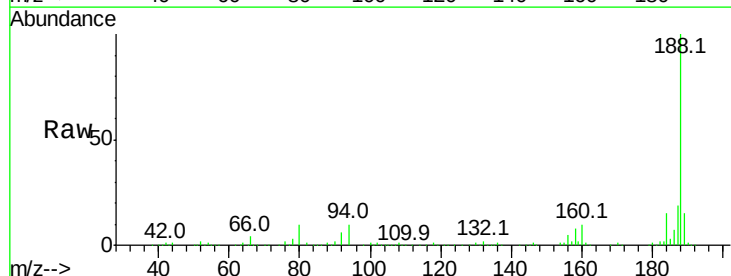
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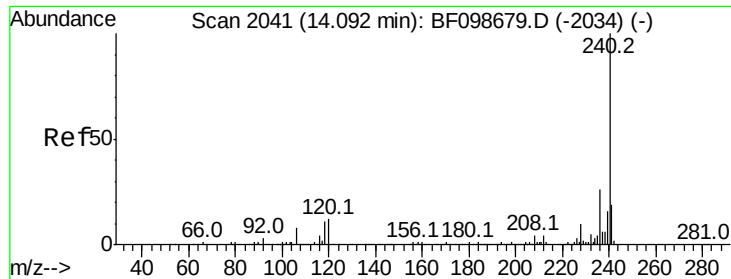
Tot Ion:165 Resp: 33006
 Ion Ratio Lower Upper
 165 100
 63 1.4 36.4 54.6#
 89 1.3 57.8 86.6#
 182 0.0 1.6 2.4#



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. -0.00 min
 Lab File: BF098696.D
 Acq: 22 Sep 2017 13:29

Tgt Ion:188 Resp: 359364
 Ion Ratio Lower Upper
 188 100
 94 9.7 8.5 12.7
 80 10.3 9.2 13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.00 min

Lab File: BF098696.D

Acq: 22 Sep 2017 13:29

Instrument :

BNA_F

ClientSampleId :

NB-01-091917-A

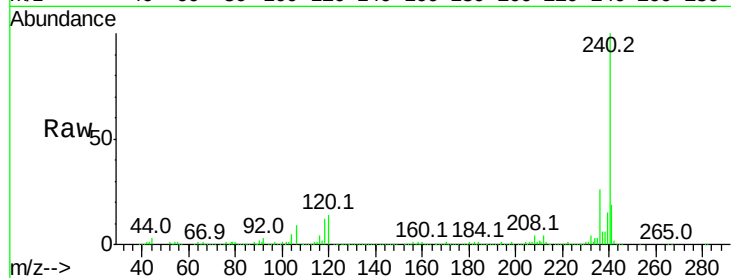
Tot Ion:240 Resp: 318193

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

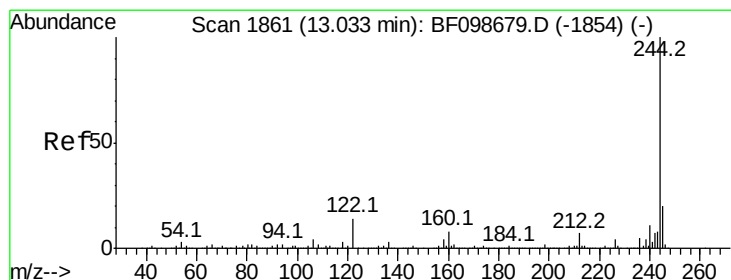
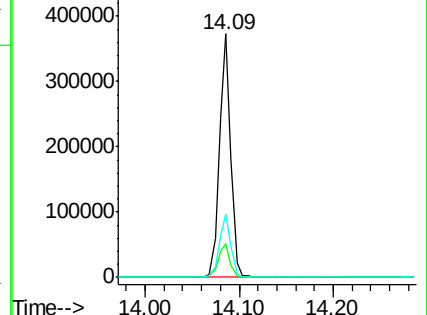
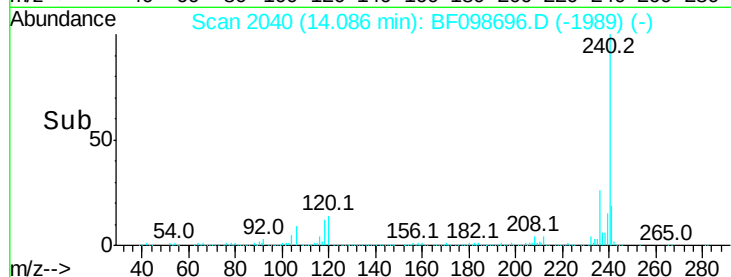
236 26.0 20.7 31.1



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: 9.893 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098696.D

Acq: 22 Sep 2017 13:29

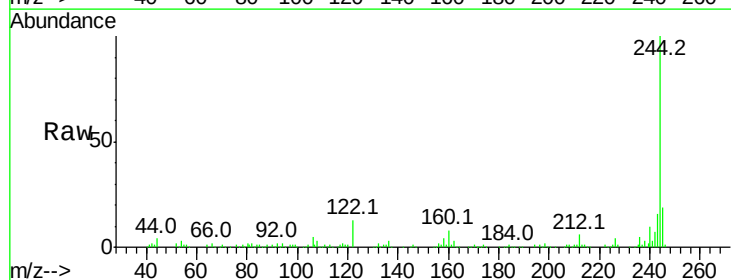
Tgt Ion:244 Resp: 146605

Ion Ratio Lower Upper

244 100

212 6.4 5.4 8.0

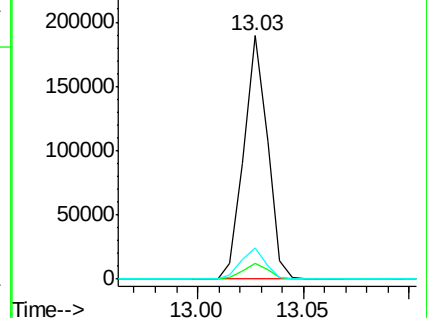
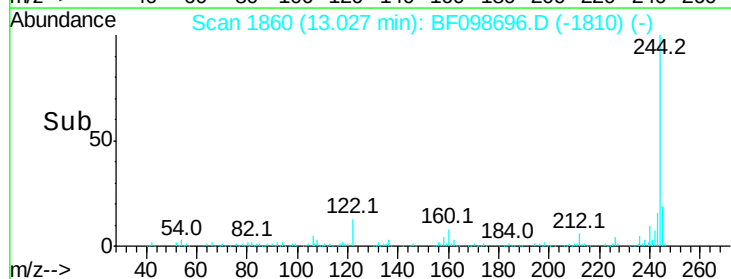
122 12.9 11.0 16.4

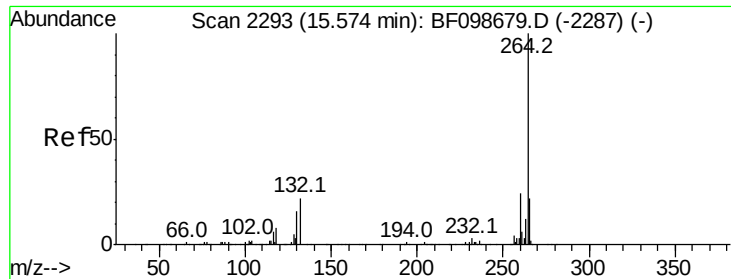


Abundance Ion 244.00 (243.70 to 244.70): E

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: BF098696.D
 Acq: 22 Sep 2017 13:29

Instrument :
 BNA_F
 ClientSampleId :
 NB-01-091917-A

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.8	17.5	26.3

