

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103017\
 Data File : BF099958.D
 Acq On : 30 Oct 2017 14:43
 Operator : SJ/JU
 Sample : I6084-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 30 16:12:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 30 16:10:28 2017
 Response via : Initial Calibration

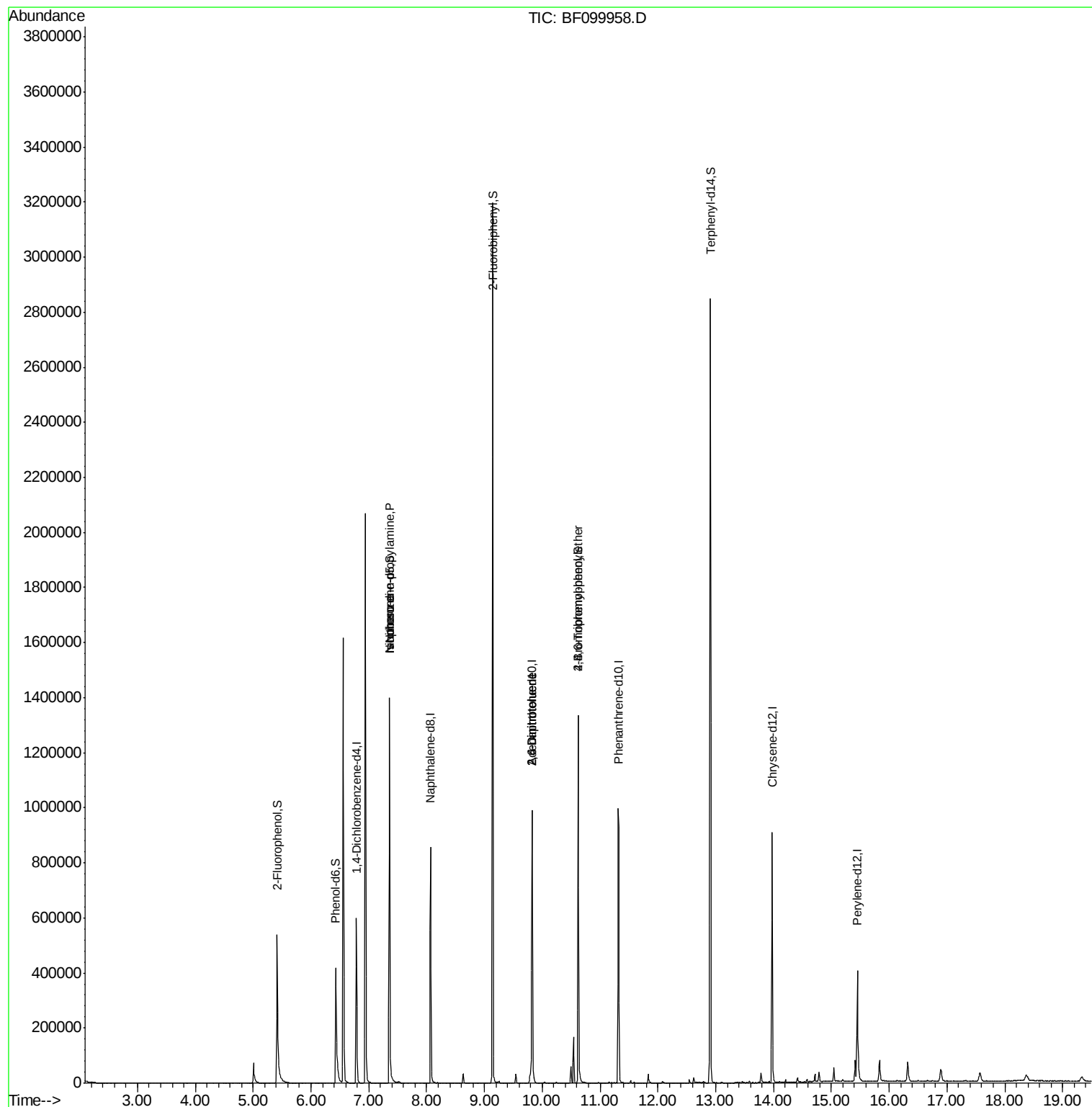
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	100105	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	411924	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	205181	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	390996	20.00	ng	0.00
75) Chrysene-d12	13.97	240	302907	20.00	ng	0.00
86) Perylene-d12	15.45	264	211401	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	264478	41.48	ng	0.00
7) Phenol-d6	6.43	99	223925	29.62	ng	0.00
23) Nitrobenzene-d5	7.36	82	561634	87.78	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	174752	93.46	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1121124	84.30	ng	0.00
78) Terphenyl-d14	12.91	244	1154881	83.32	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	70104	15.823	ng	# 71
25) Isophorone	7.36	82	561629	48.374	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	25701	7.524	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	25701	6.248	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	11567	2.810	ng	# 1

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

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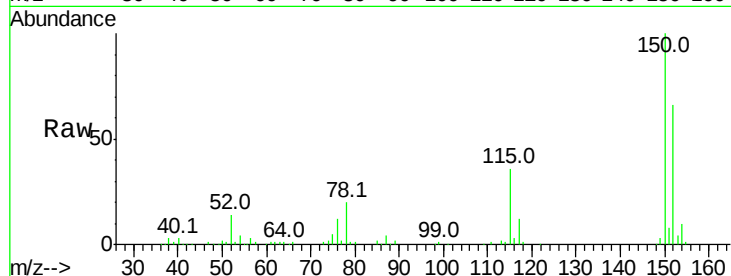


#1

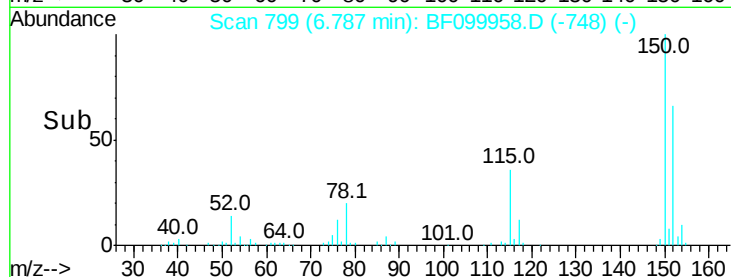
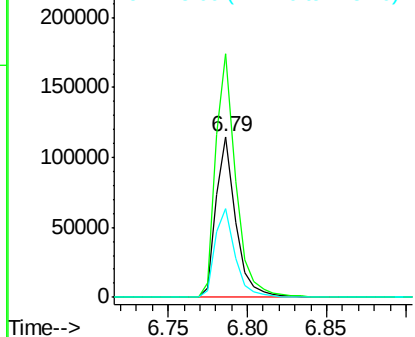
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF099958.D
Acq: 30 Oct 2017 14:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 100105
Ion Ratio Lower Upper
152 100
150 151.7 124.6 186.8
115 55.2 50.1 75.1



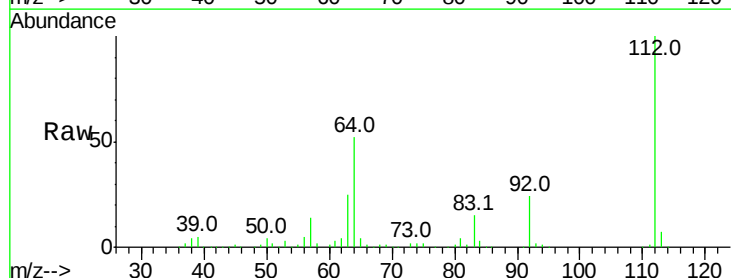
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



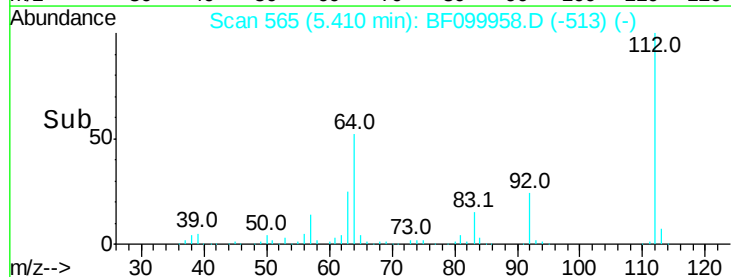
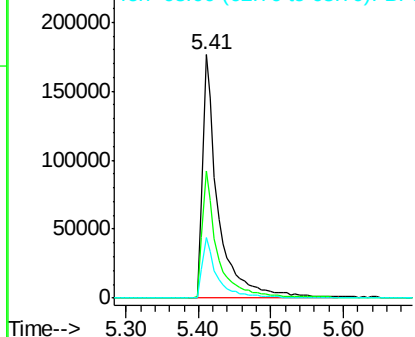
#5

2-Fluorophenol
Concen: 41.479 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.01 min
Lab File: BF099958.D
Acq: 30 Oct 2017 14:43

Tgt Ion:112 Resp: 264478
Ion Ratio Lower Upper
112 100
64 52.4 47.9 71.9
63 24.9 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: 29.618 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF099958.D

Acq: 30 Oct 2017 14:43

Instrument :

BNA_F

ClientSampleId :

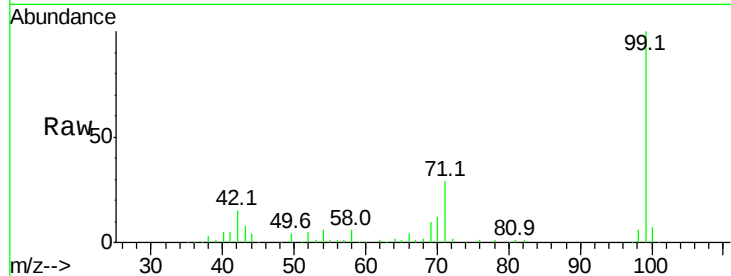
Tot Ion: 99 Resp: 223925

Ion Ratio Lower Upper

99 100

42 14.7 14.5 21.7

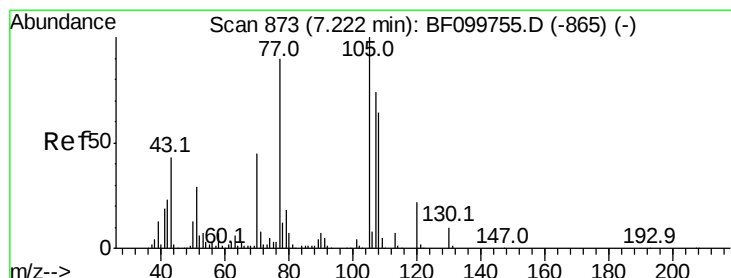
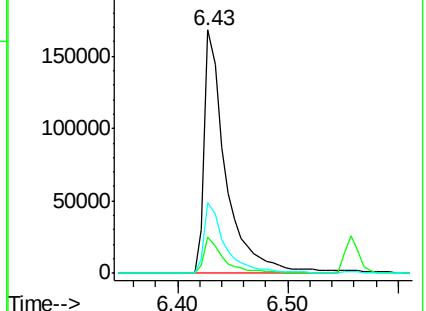
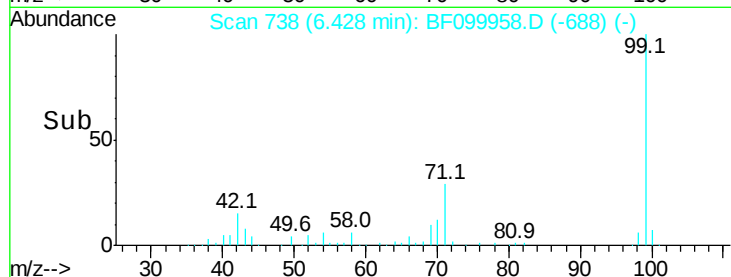
71 29.3 25.4 38.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 15.823 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF099958.D

Acq: 30 Oct 2017 14:43

Tgt Ion: 70 Resp: 70104

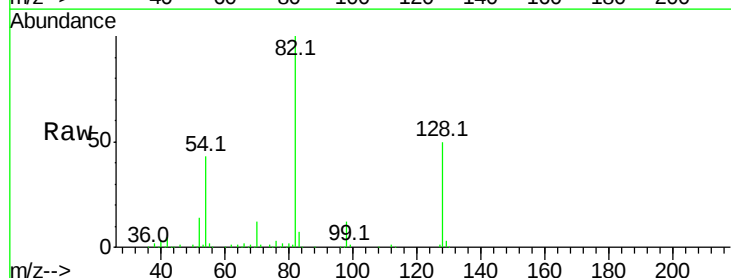
Ion Ratio Lower Upper

70 100

42 40.4 47.5 71.3#

101 0.0 7.4 11.2#

130 2.5 16.6 25.0#

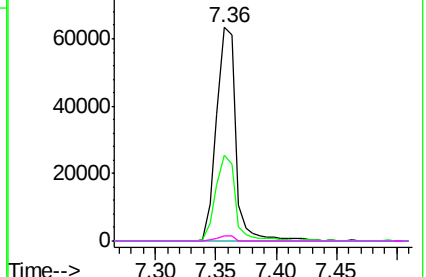
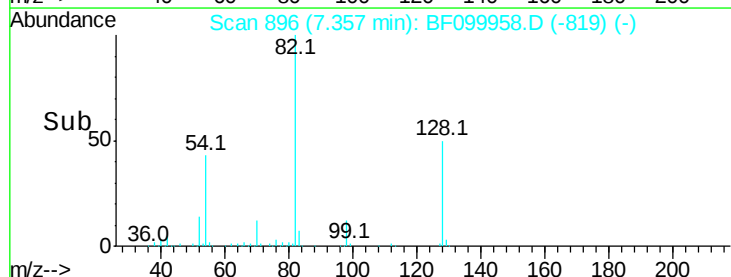


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

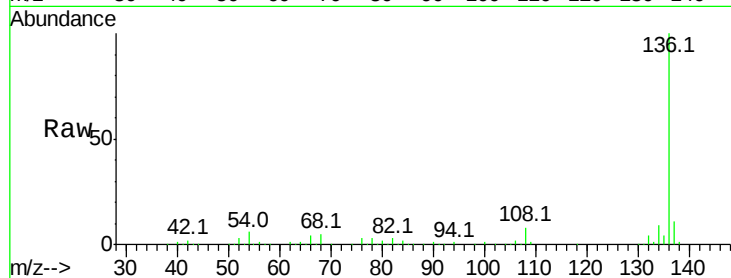




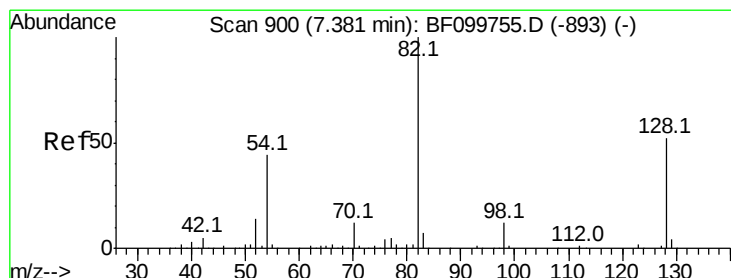
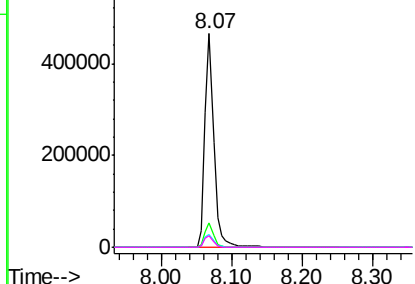
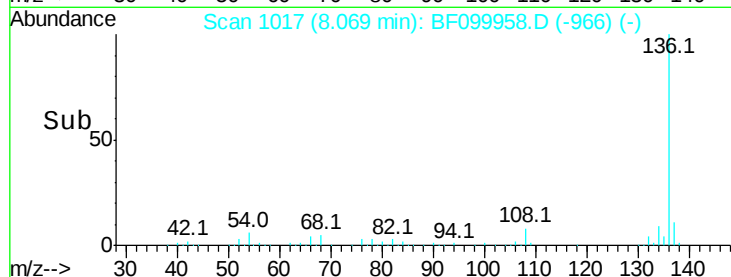
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF099958.D
Acq: 30 Oct 2017 14:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	411924
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	6.1	6.6	9.8#
68	5.2	5.0	7.4

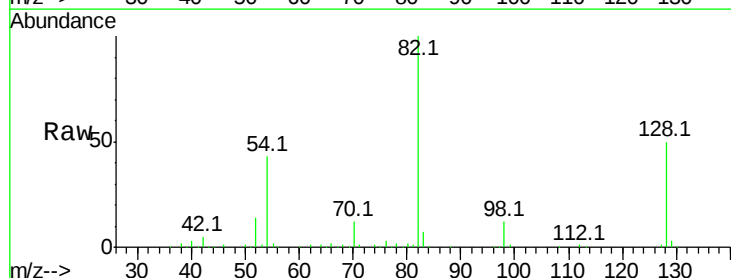


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

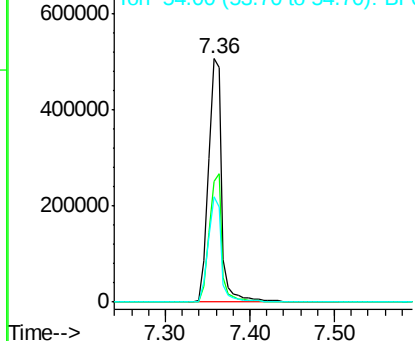
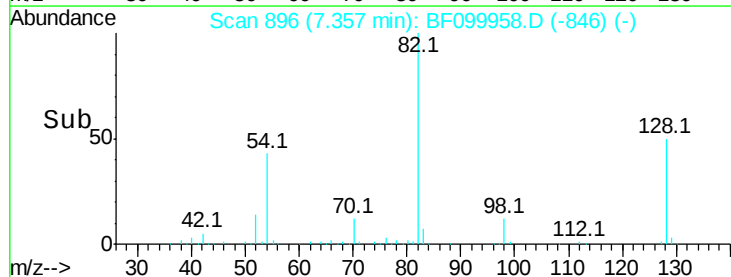


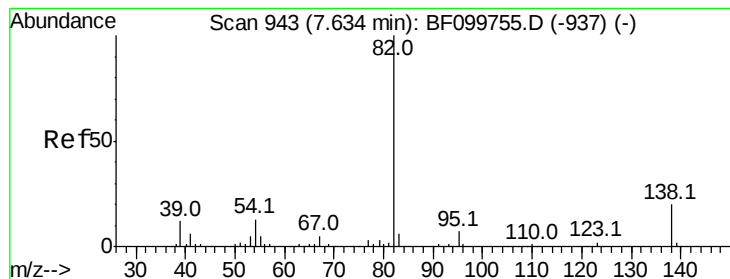
#23
Nitrobenzene-d5
Concen: 87.779 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF099958.D
Acq: 30 Oct 2017 14:43

Tgt Ion:	82	Resp:	561634
Ion	Ratio	Lower	Upper
82	100		
128	49.8	36.1	54.1
54	43.3	41.4	62.2



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





#25

Isophorone

Concen: 48.374 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF099958.D

Acq: 30 Oct 2017 14:43

Instrument :

BNA_F

ClientSampleId :

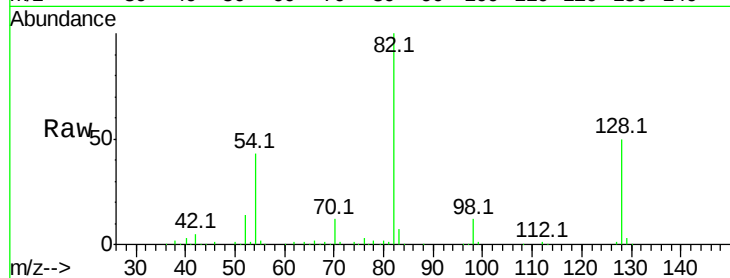
Tot Ion: 82 Resp: 561629

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

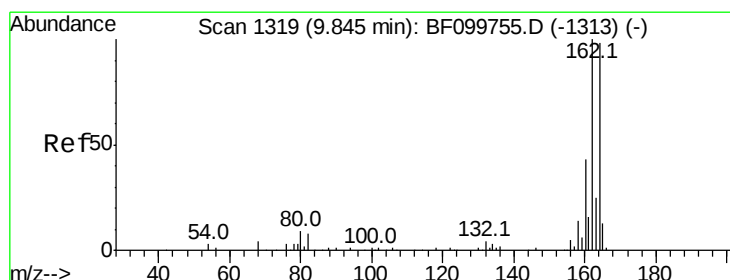
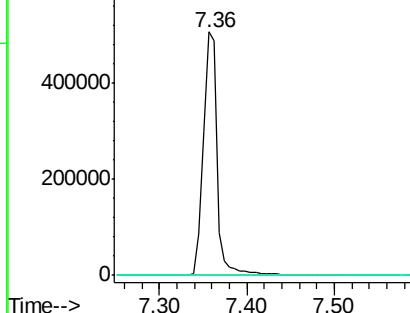
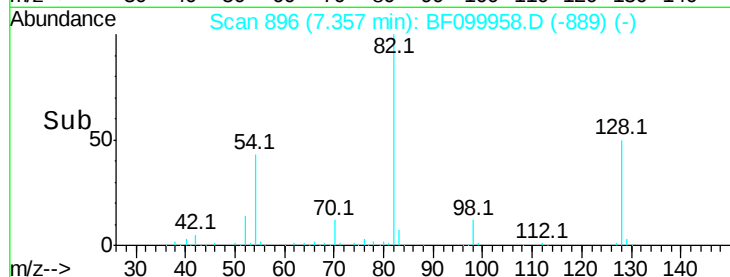
138 0.0 14.9 22.3#



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: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF099958.D

Acq: 30 Oct 2017 14:43

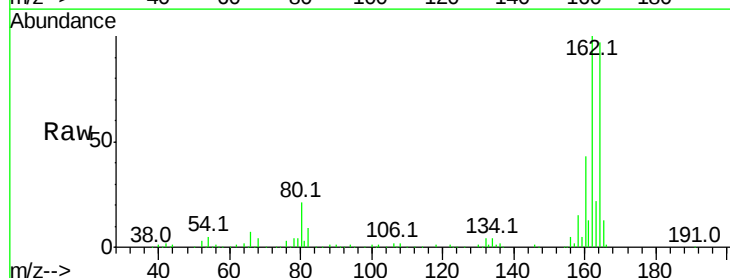
Tgt Ion:164 Resp: 205181

Ion Ratio Lower Upper

164 100

162 102.7 86.1 129.1

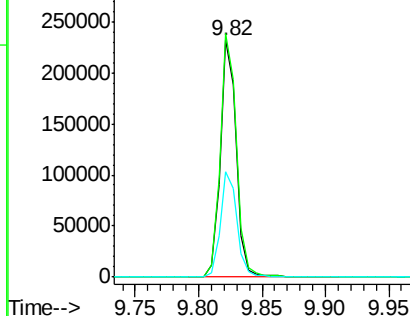
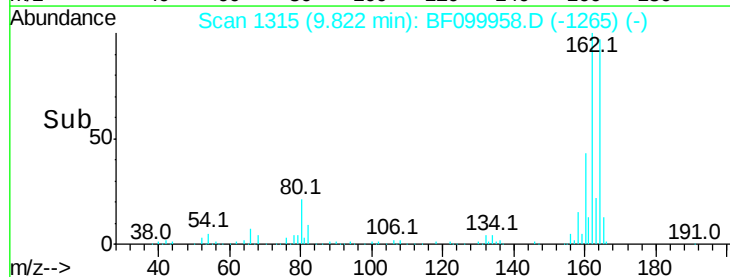
160 44.3 38.3 57.5



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

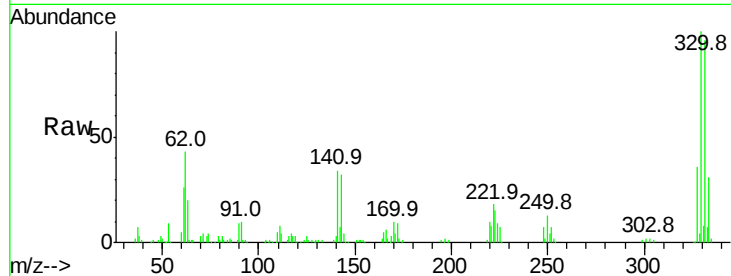




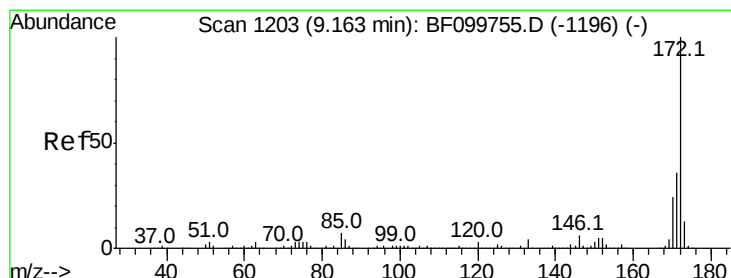
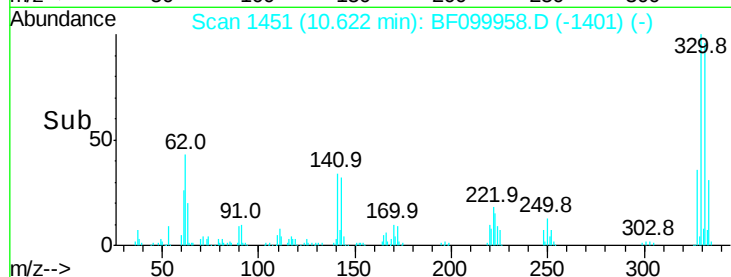
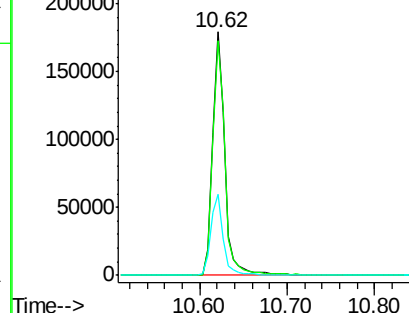
#41
 2,4,6-Tribromophenol
 Concen: 93.458 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF099958.D
 Acq: 30 Oct 2017 14:43

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 174752
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 34.2 29.9 44.9

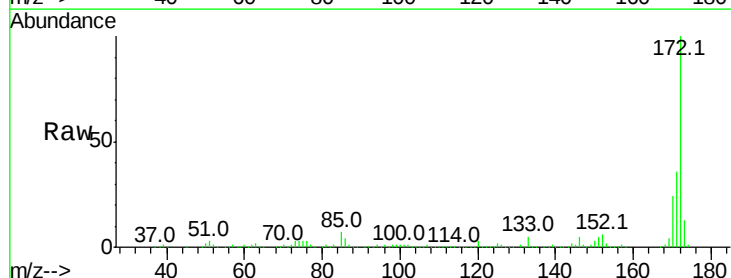


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

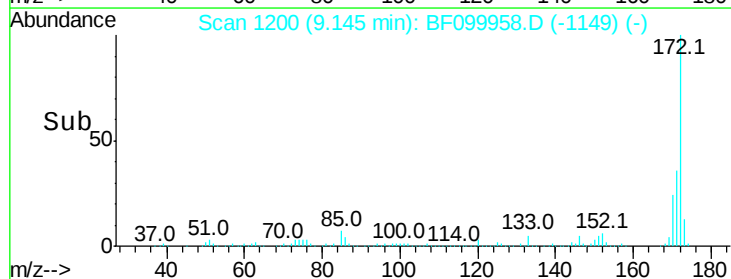
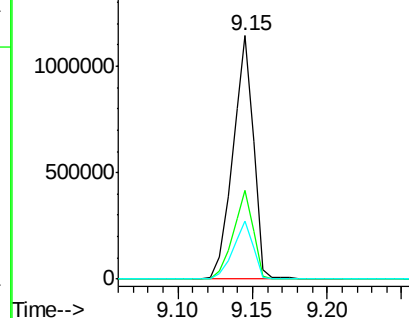


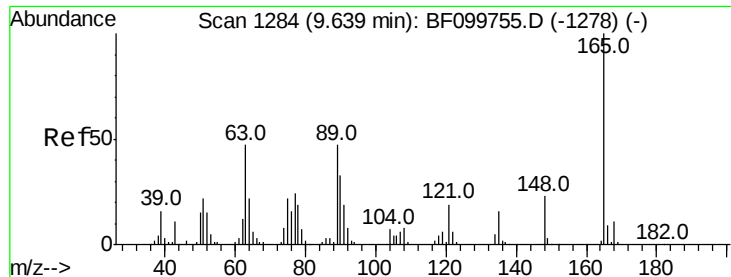
#44
 2-Fluorobiphenyl
 Concen: 84.302 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF099958.D
 Acq: 30 Oct 2017 14:43

Tgt Ion:172 Resp: 1121124
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.7 44.5
 170 24.0 19.6 29.4



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

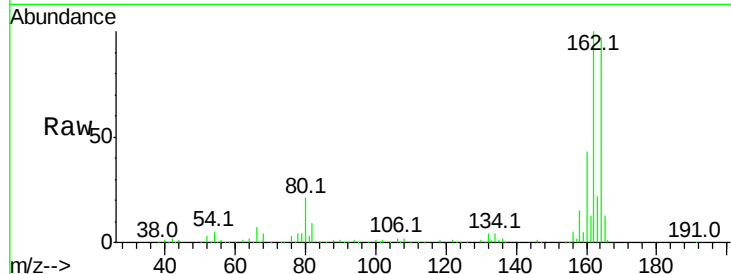




#50
 2,6-Dinitrotoluene
 Concen: 7.524 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF099958.D
 Acq: 30 Oct 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :

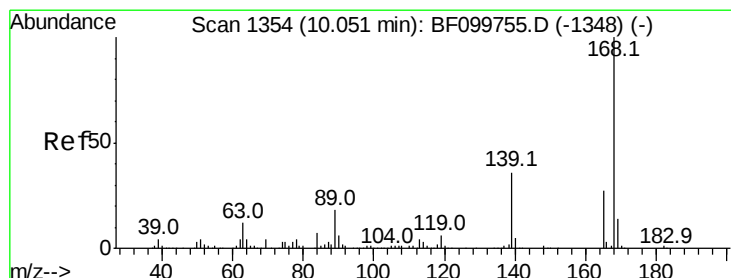
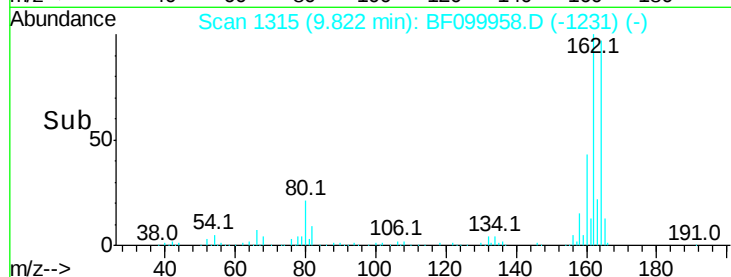
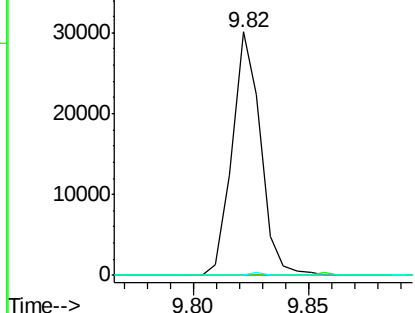
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.248 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF099958.D
 Acq: 30 Oct 2017 14:43

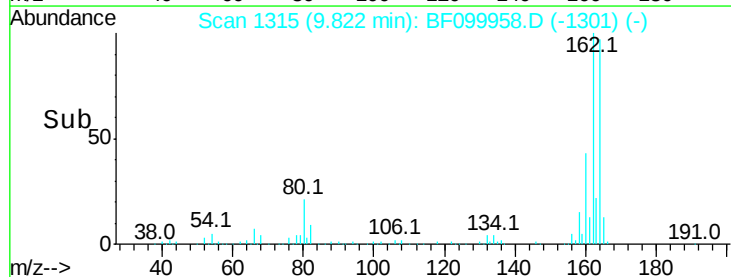
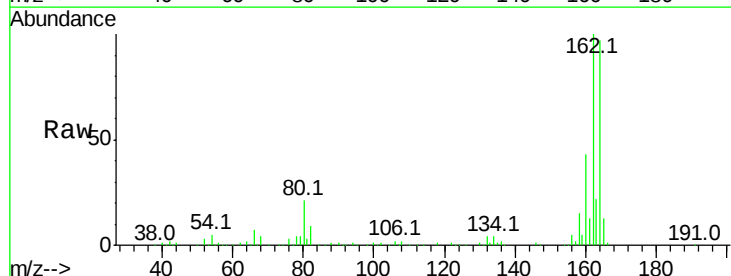
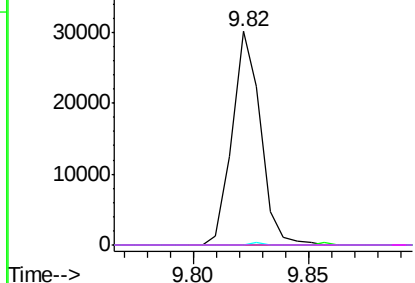
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#

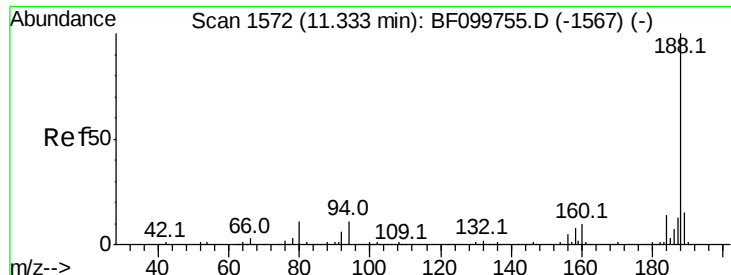
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

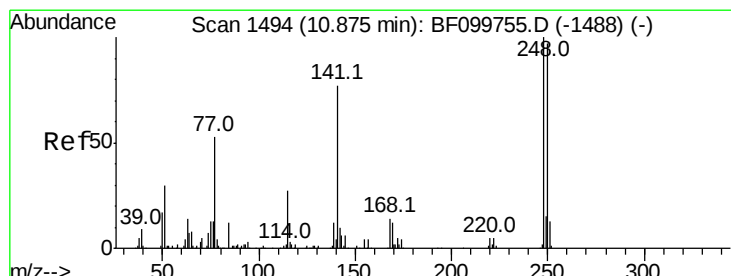
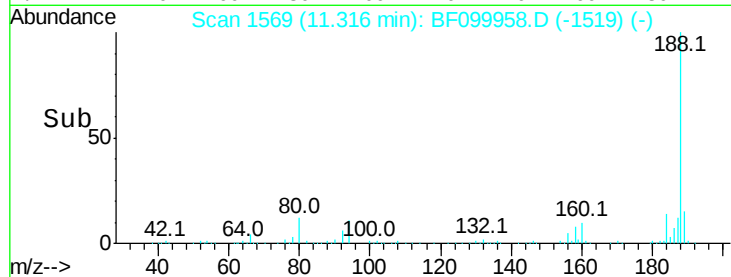
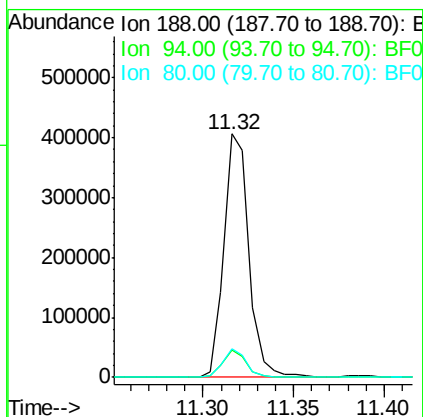
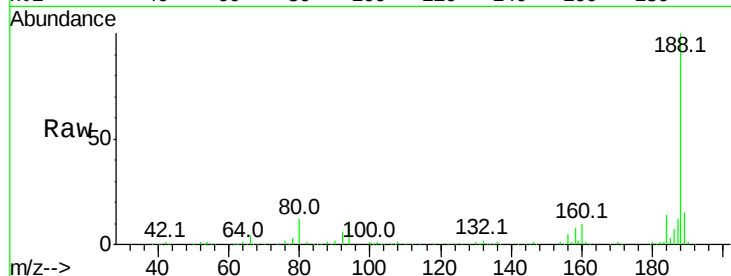




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF099958.D
 Acq: 30 Oct 2017 14:43

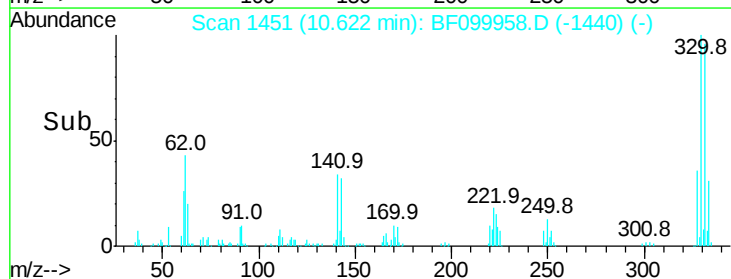
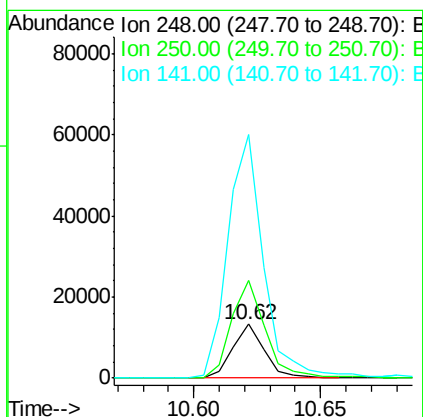
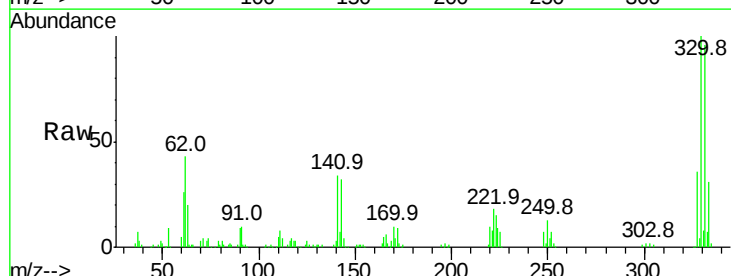
Instrument :
 BNA_F
 ClientSampleId :

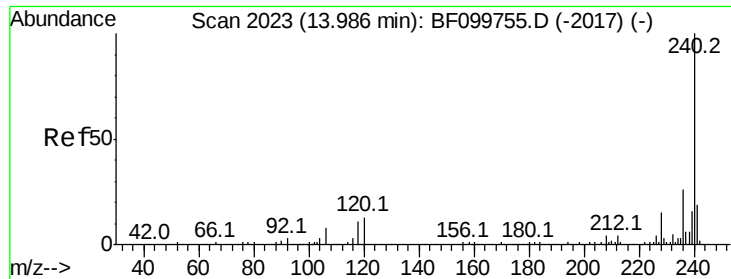
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.2	8.5	12.7
80	11.8	9.2	13.8



#66
 4-Bromophenyl-phenylether
 Concen: 2.810 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.24 min
 Lab File: BF099958.D
 Acq: 30 Oct 2017 14:43

Tgt Ion	Ratio	Lower	Upper
248	100		
250	180.0	76.9	115.3#
141	450.8	74.4	111.6#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF099958.D

Acq: 30 Oct 2017 14:43

Instrument :

BNA_F

ClientSampleId :

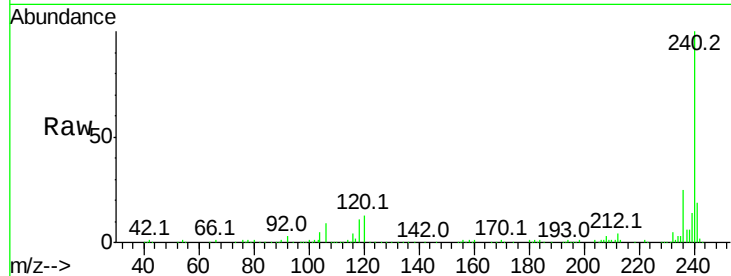
Tot Ion:240 Resp: 302907

Ion Ratio Lower Upper

240 100

120 13.4 9.5 14.3

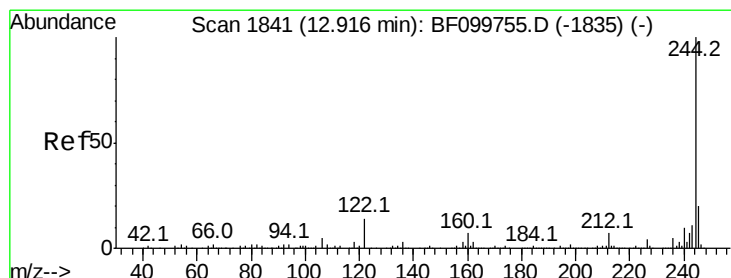
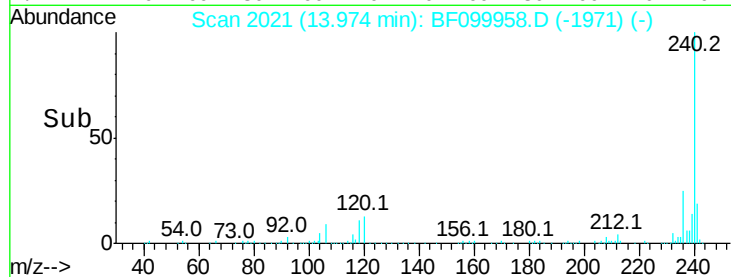
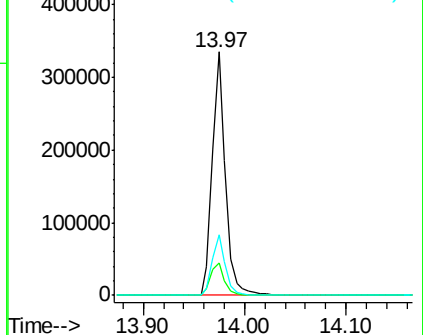
236 25.1 20.7 31.1



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: 83.321 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.00 min

Lab File: BF099958.D

Acq: 30 Oct 2017 14:43

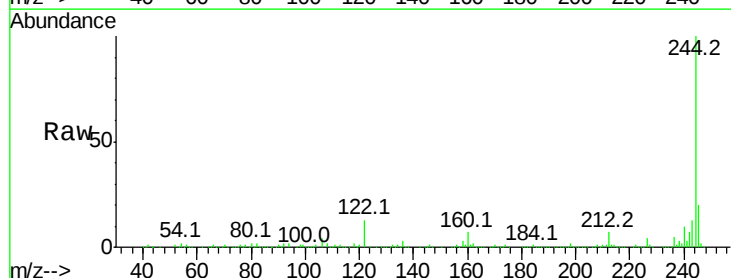
Tgt Ion:244 Resp: 1154881

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

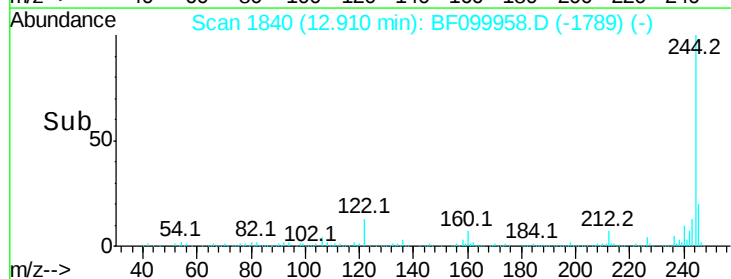
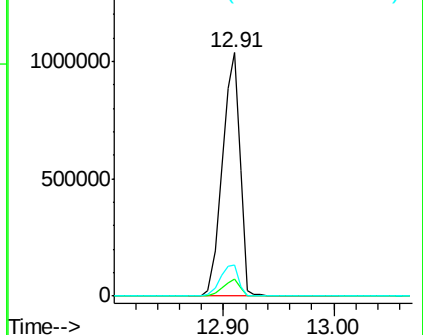
122 12.7 11.0 16.4

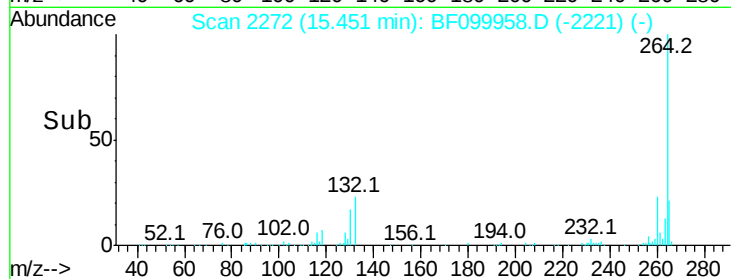
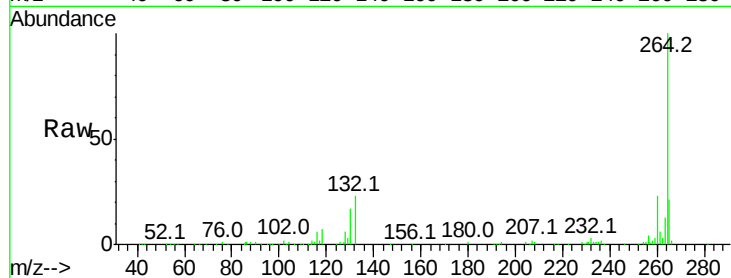
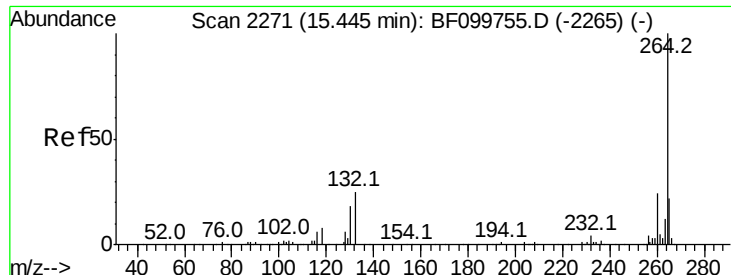


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.45 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: BF099958.D
 Acq: 30 Oct 2017 14:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.5	17.5	26.3

