

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100047.D
 Acq On : 1 Nov 2017 16:57
 Operator : SJ/JU
 Sample : I6206-01 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 18:15:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

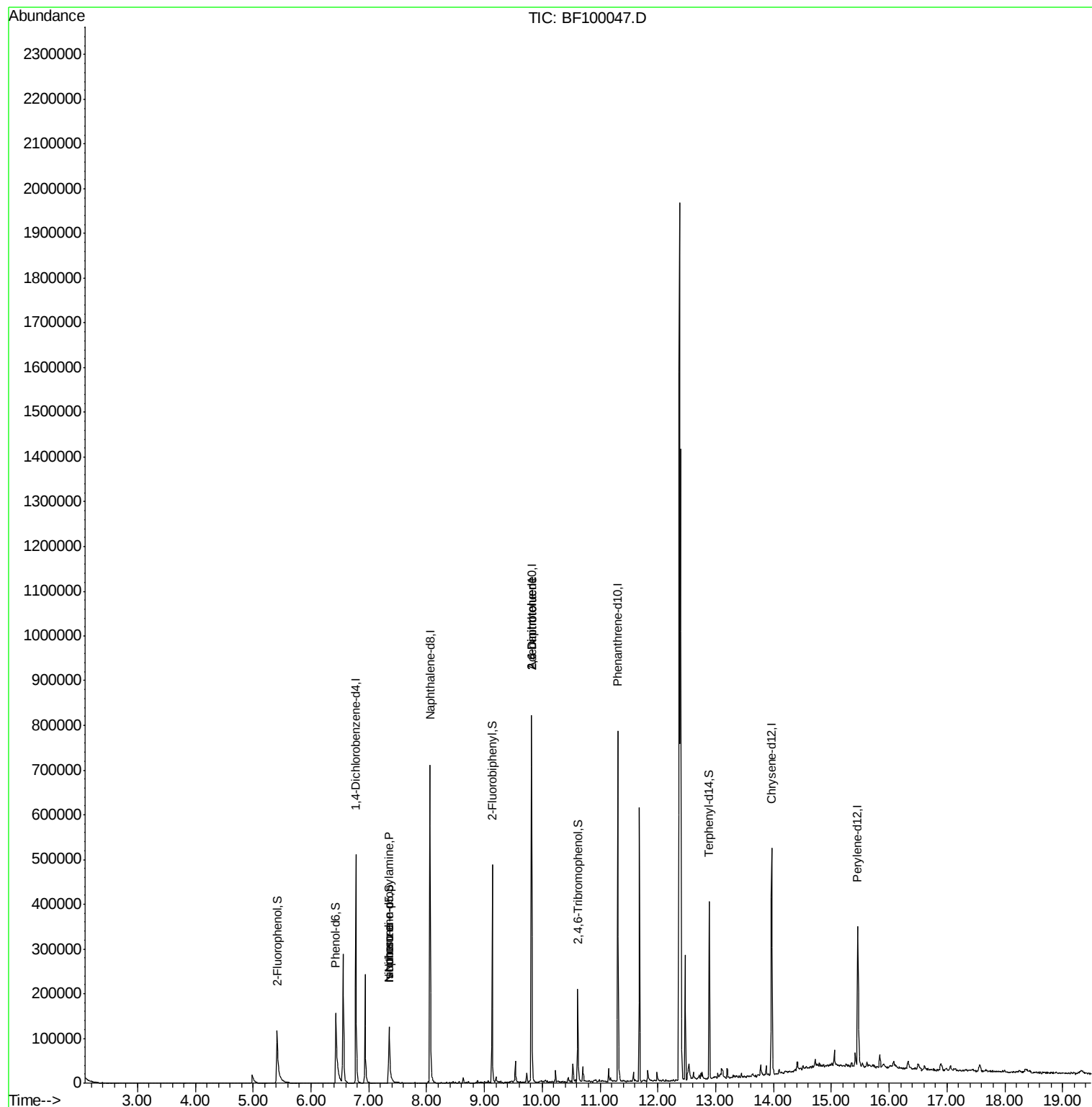
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	86426	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	363909	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	169694	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	291929	20.00	ng	0.00
75) Chrysene-d12	13.97	240	177035	20.00	ng	0.00
86) Perylene-d12	15.46	264	152047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	95928	17.43	ng	0.02
7) Phenol-d6	6.43	99	124029	19.00	ng	0.00
23) Nitrobenzene-d5	7.35	82	67906	12.01	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	28408	18.37	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	165280	15.03	ng	0.00
78) Terphenyl-d14	12.89	244	129105	15.94	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	7886	2.062	ng	# 74
25) Isophorone	7.35	82	67906	6.621	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	21478	7.603	ng	# 25
56) 2,4-Dinitrotoluene	9.82	165	21478	6.313	ng	# 23

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
Data File : BF100047.D
Acq On : 1 Nov 2017 16:57
Operator : SJ/JU
Sample : I6206-01 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Nov 01 18:15:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 01 18:13:08 2017
Response via : Initial Calibration



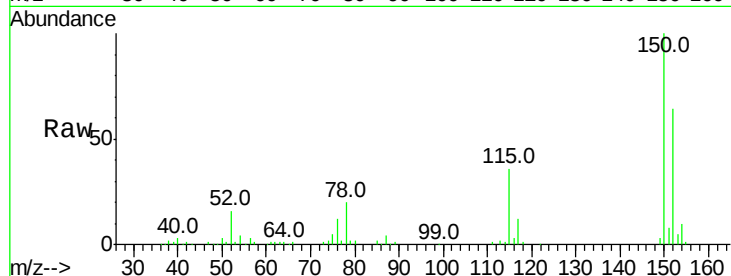


#1

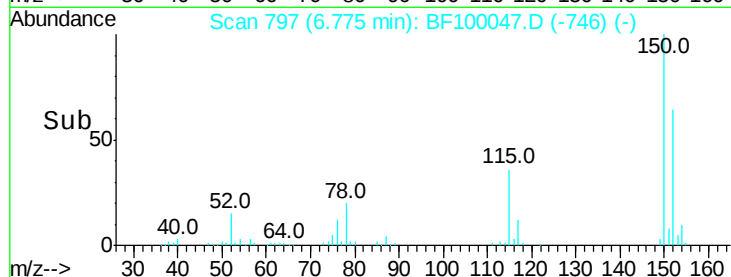
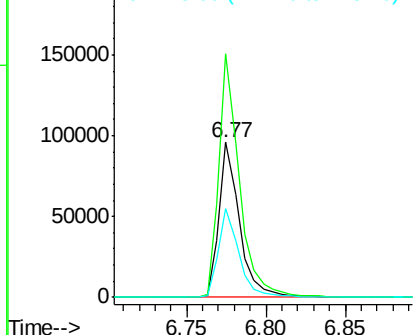
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF100047.D
Acq: 1 Nov 2017 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 86426
Ion Ratio Lower Upper
152 100
150 157.1 124.6 186.8
115 56.9 50.1 75.1



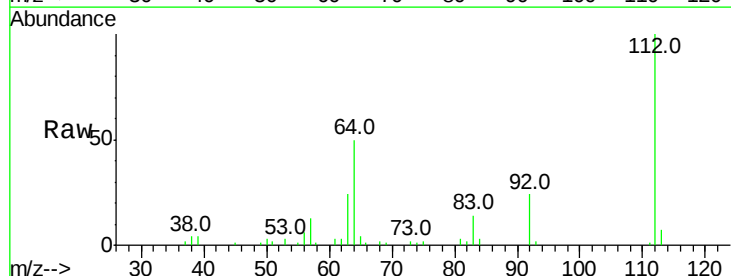
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



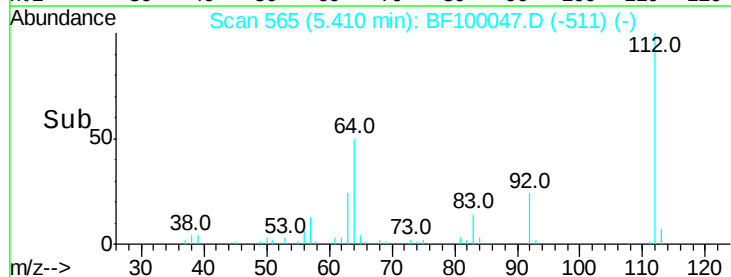
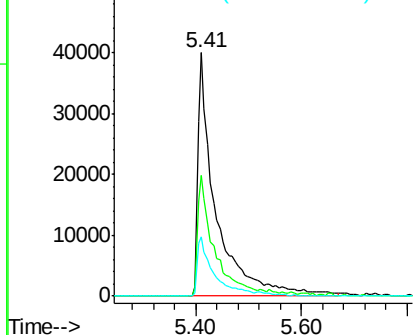
#5

2-Fluorophenol
Concen: 17.426 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.02 min
Lab File: BF100047.D
Acq: 1 Nov 2017 16:57

Tgt Ion:112 Resp: 95928
Ion Ratio Lower Upper
112 100
64 49.7 47.9 71.9
63 24.2 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 19.001 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100047.D

Acq: 1 Nov 2017 16:57

Instrument :

BNA_F

ClientSampleId :

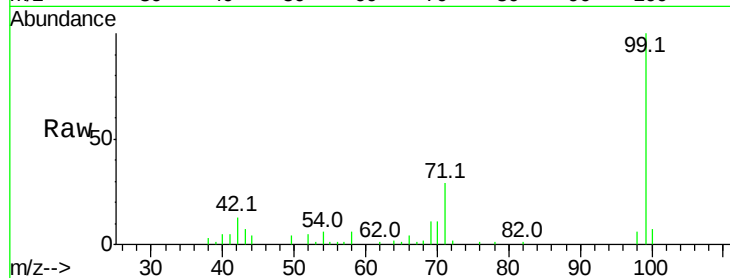
Tot Ion: 99 Resp: 124029

Ion Ratio Lower Upper

99 100

42 13.2 14.5 21.7#

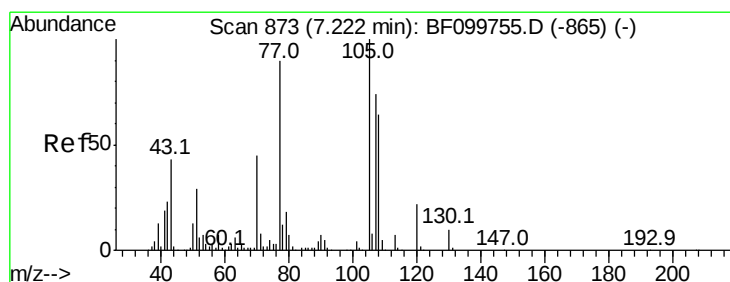
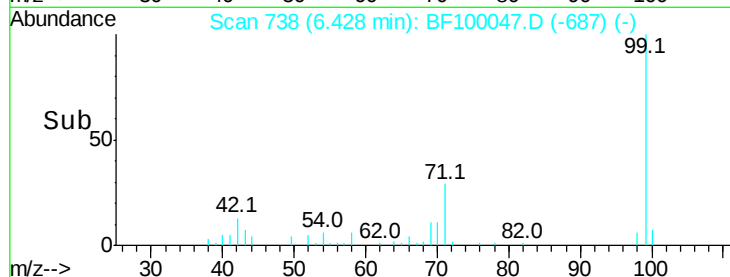
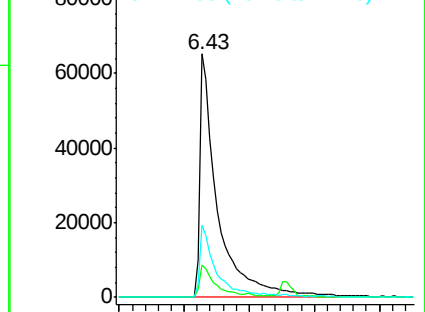
71 29.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#19

n-Nitroso-di-n-propylamine

Concen: 2.062 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.16 min

Lab File: BF100047.D

Acq: 1 Nov 2017 16:57

Tgt Ion: 70 Resp: 7886

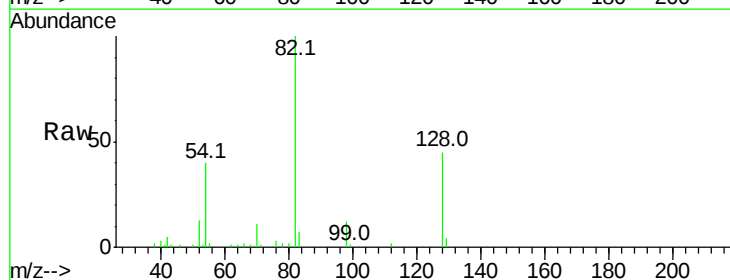
Ion Ratio Lower Upper

70 100

42 44.2 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

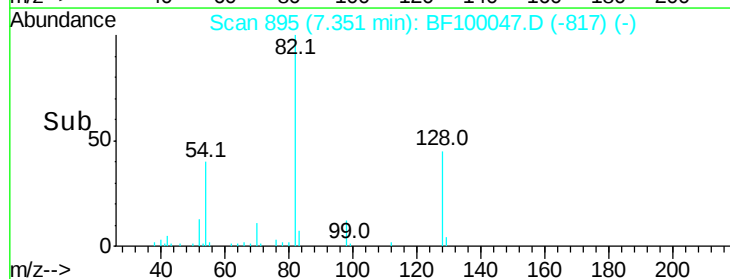
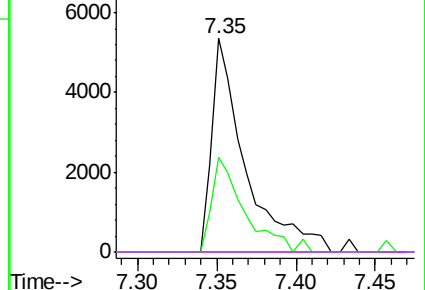


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1

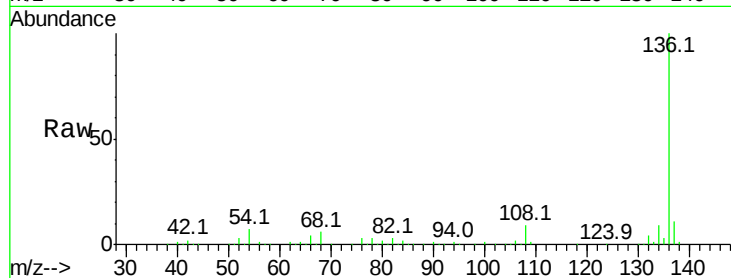




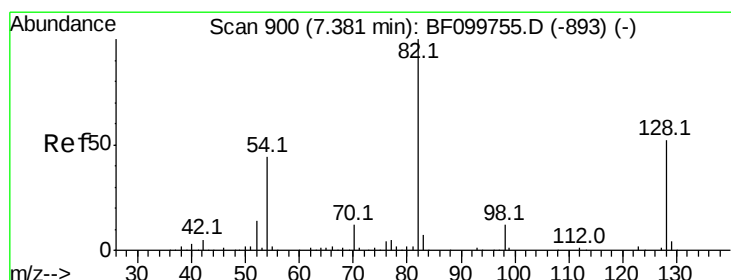
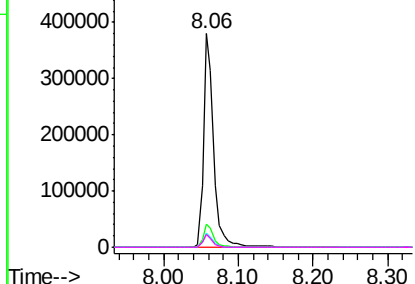
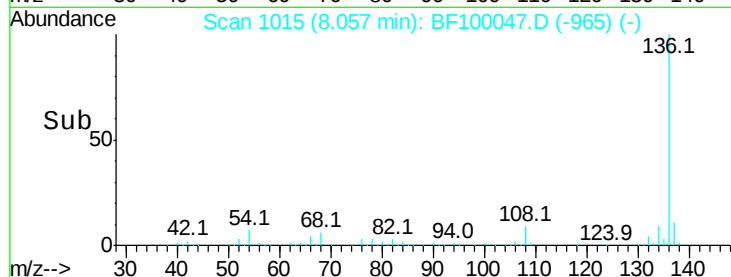
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF100047.D
Acq: 1 Nov 2017 16:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	363909
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	6.8	6.6	9.8
68	5.9	5.0	7.4

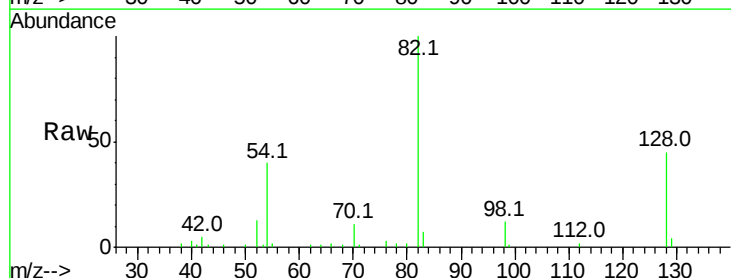


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

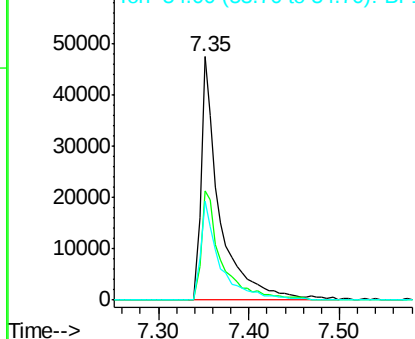
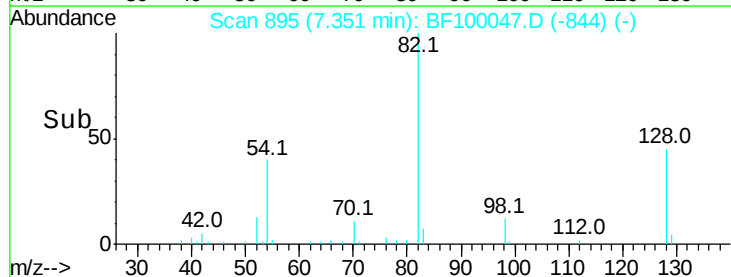


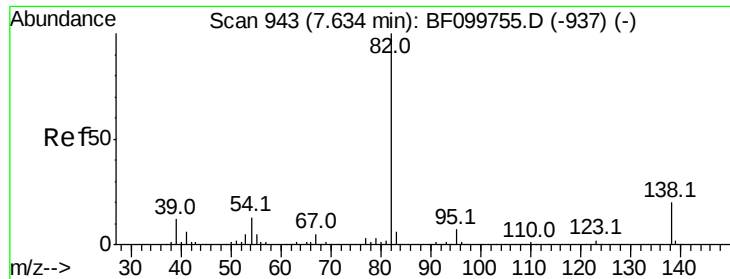
#23
Nitrobenzene-d5
Concen: 12.014 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.00 min
Lab File: BF100047.D
Acq: 1 Nov 2017 16:57

Tgt Ion:	82	Resp:	67906
Ion	Ratio	Lower	Upper
82	100		
128	45.0	36.1	54.1
54	40.5	41.4	62.2#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 6.621 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.25 min

Lab File: BF100047.D

Acq: 1 Nov 2017 16:57

Instrument :

BNA_F

ClientSampleId :

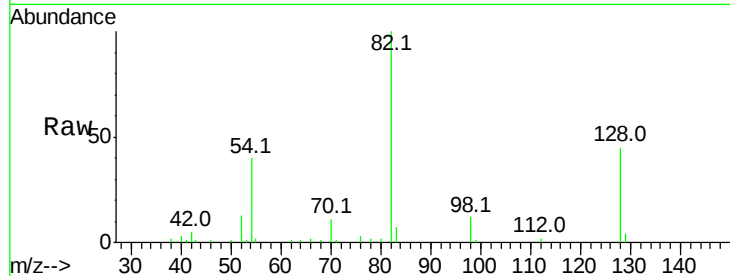
Tot Ion: 82 Resp: 67906

Ion Ratio Lower Upper

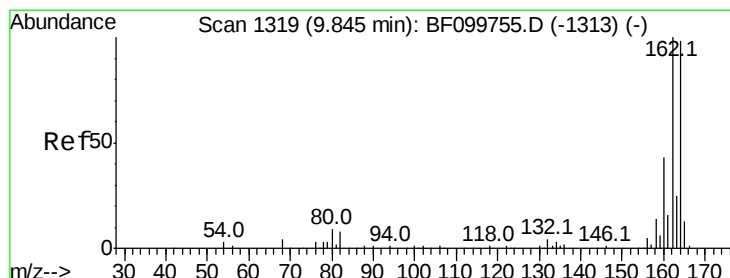
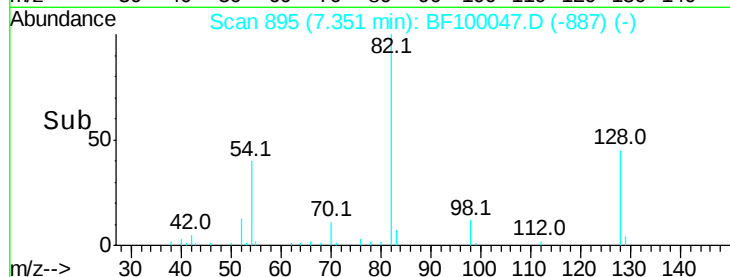
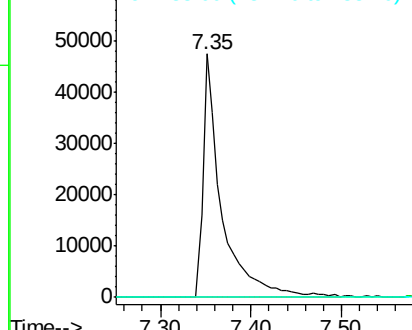
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.00 min

Lab File: BF100047.D

Acq: 1 Nov 2017 16:57

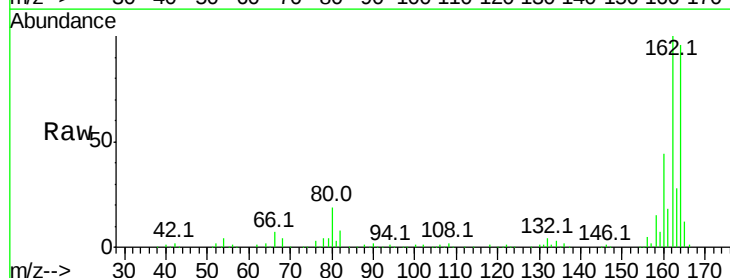
Tgt Ion:164 Resp: 169694

Ion Ratio Lower Upper

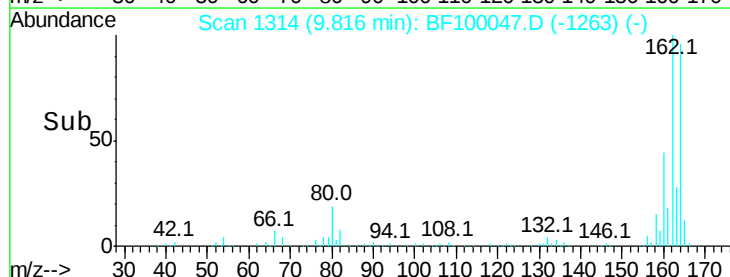
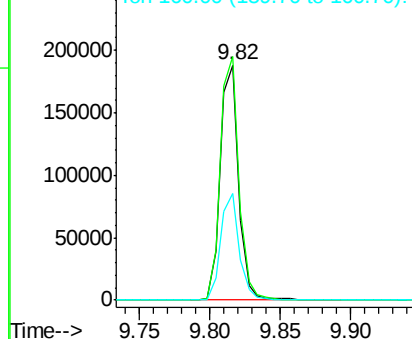
164 100

162 103.7 86.1 129.1

160 45.2 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

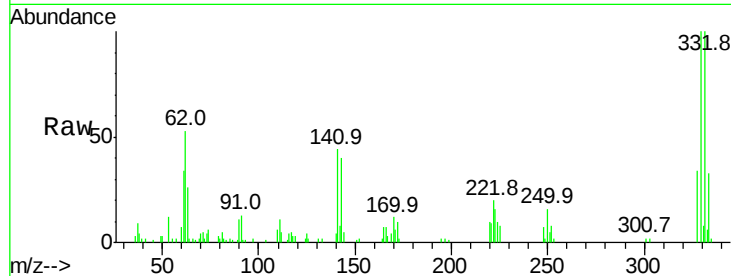




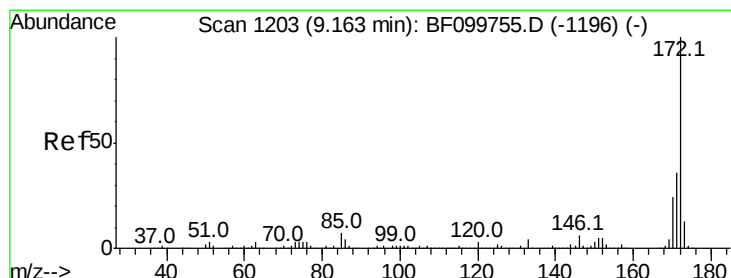
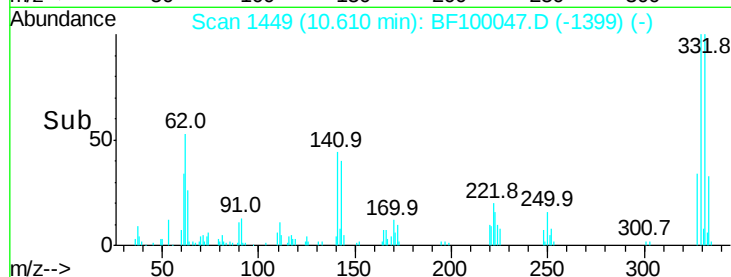
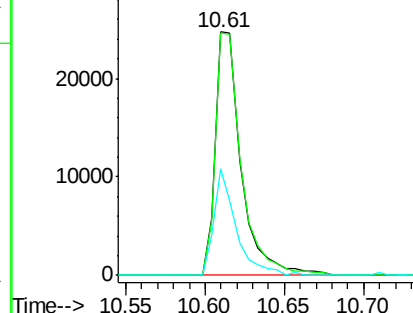
#41
 2,4,6-Tribromophenol
 Concen: 18.370 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF100047.D
 Acq: 1 Nov 2017 16:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 28408
 Ion Ratio Lower Upper
 330 100
 332 99.3 77.0 115.6
 141 37.5 29.9 44.9

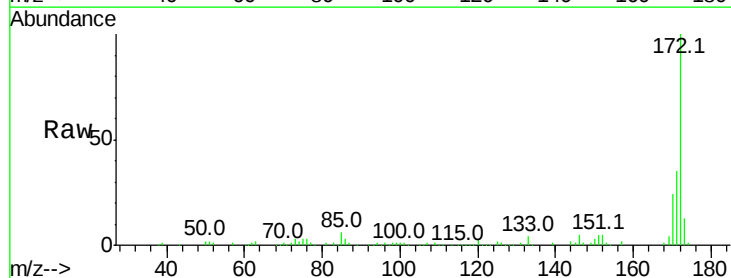


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

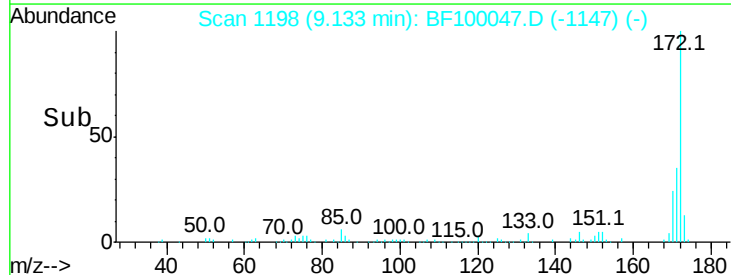
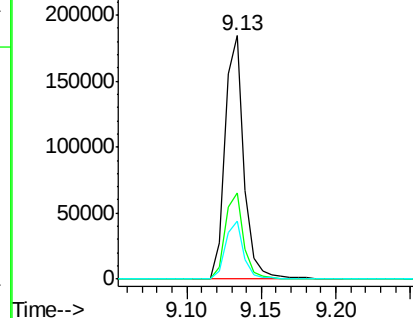


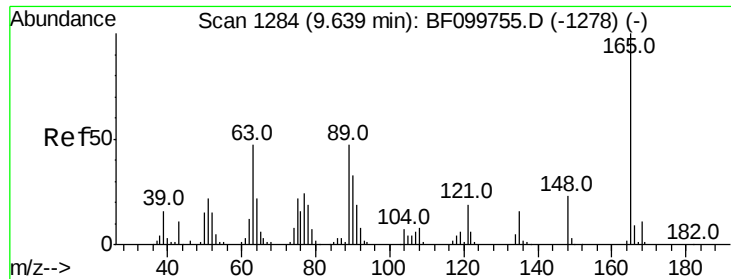
#44
 2-Fluorobiphenyl
 Concen: 15.027 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. 0.00 min
 Lab File: BF100047.D
 Acq: 1 Nov 2017 16:57

Tgt Ion:172 Resp: 165280
 Ion Ratio Lower Upper
 172 100
 171 35.1 29.7 44.5
 170 23.8 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: 7.603 ng

RT: 9.82 min Scan# 1314

Delta R.T. 0.20 min

Lab File: BF100047.D

Acq: 1 Nov 2017 16:57

Instrument :

BNA_F

ClientSampleId :

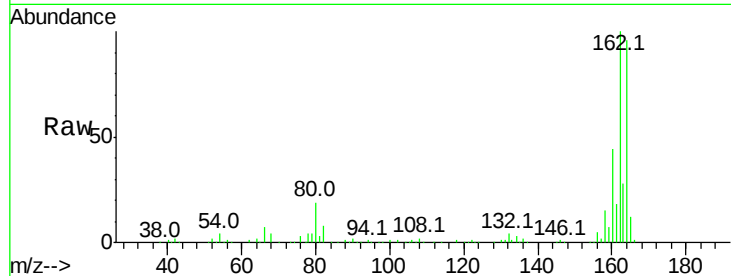
Tot Ion:165 Resp: 21478

Ion Ratio Lower Upper

165 100

63 0.0 44.7 67.1#

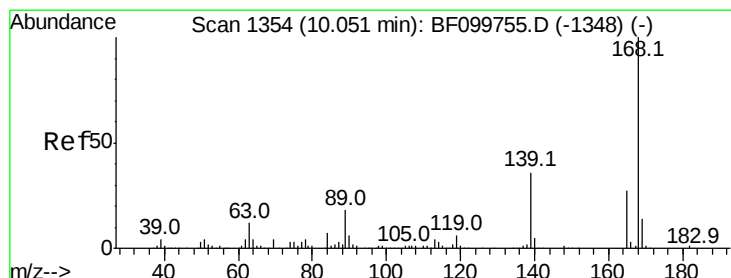
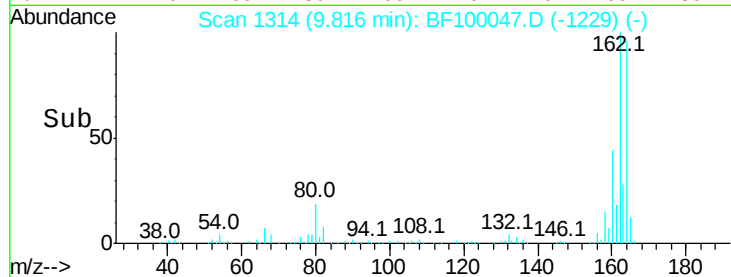
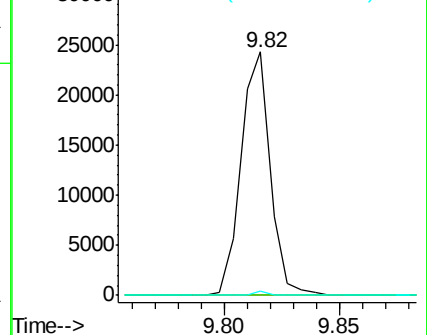
89 1.7 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56

2,4-Dinitrotoluene

Concen: 6.313 ng

RT: 9.82 min Scan# 1314

Delta R.T. -0.22 min

Lab File: BF100047.D

Acq: 1 Nov 2017 16:57

Tgt Ion:165 Resp: 21478

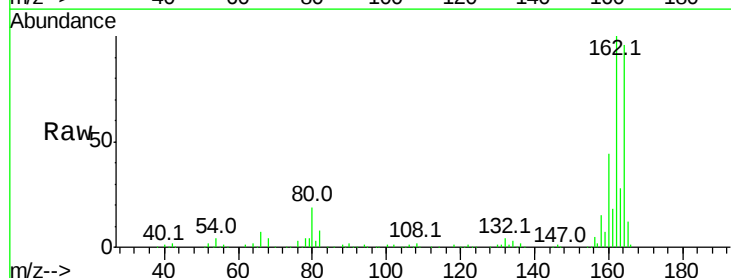
Ion Ratio Lower Upper

165 100

63 0.0 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

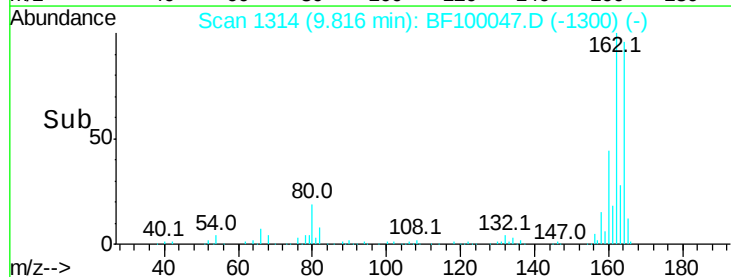
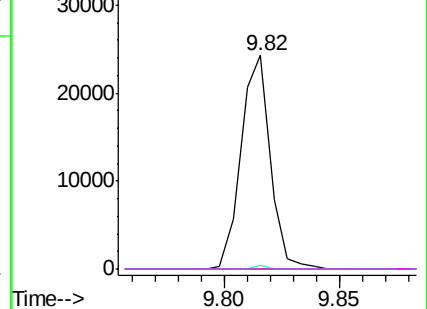


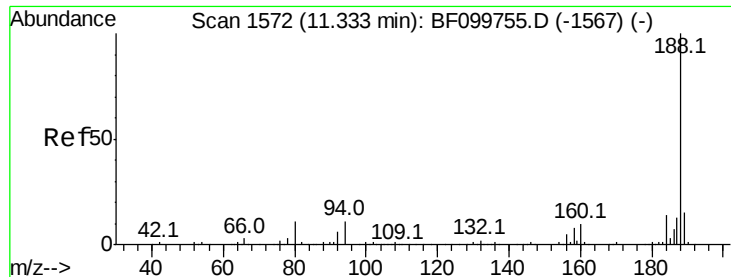
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. 0.00 min

Lab File: BF100047.D

Acq: 1 Nov 2017 16:57

Instrument :

BNA_F

ClientSampleId :

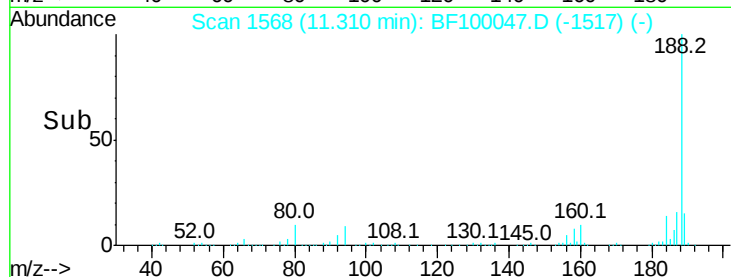
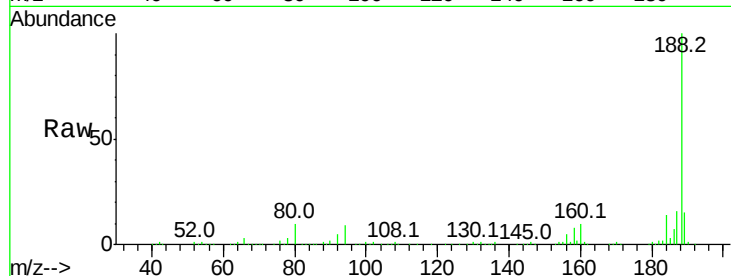
Tot Ion:188 Resp: 291929

Ion Ratio Lower Upper

188 100

94 9.1 8.5 12.7

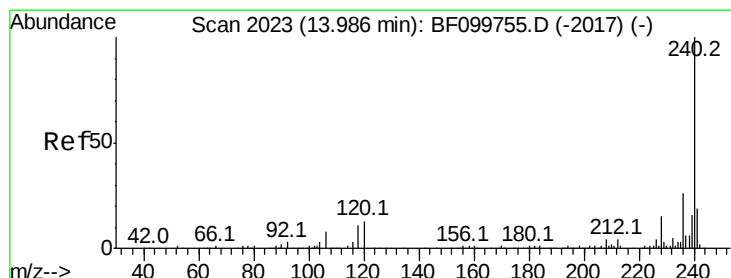
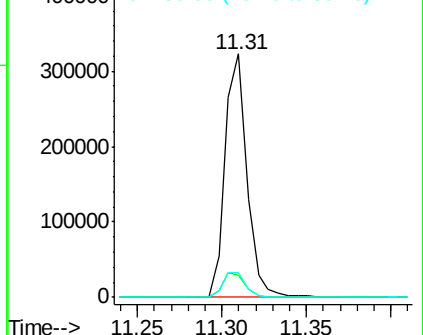
80 10.2 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.01 min

Lab File: BF100047.D

Acq: 1 Nov 2017 16:57

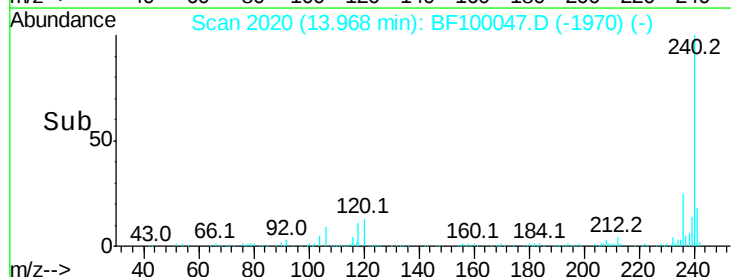
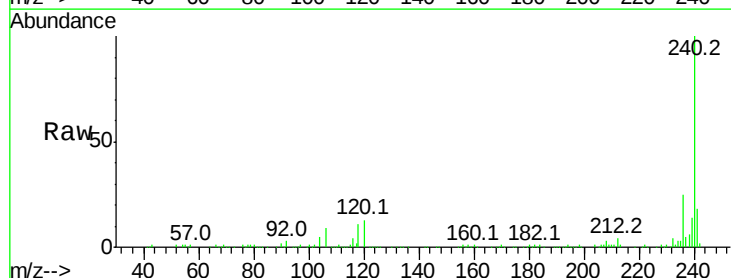
Tgt Ion:240 Resp: 177035

Ion Ratio Lower Upper

240 100

120 12.7 9.5 14.3

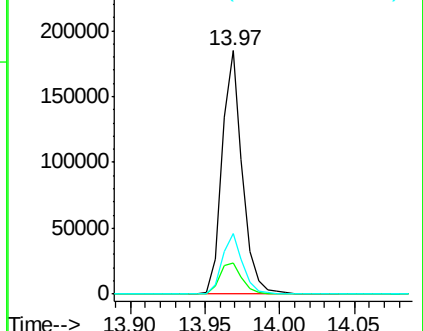
236 24.6 20.7 31.1

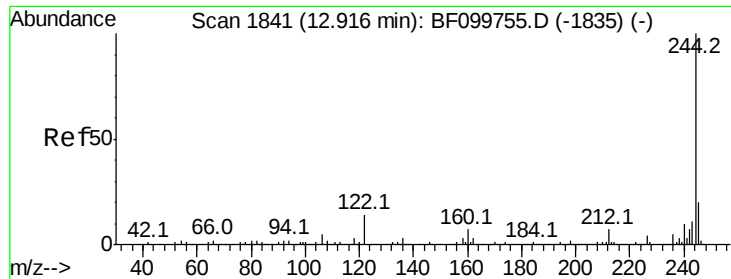


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 15.937 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF100047.D

Acq: 1 Nov 2017 16:57

Instrument :

BNA_F

ClientSampleId :

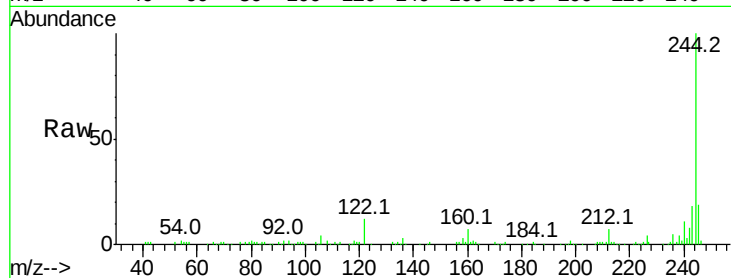
Tot Ion:244 Resp: 129105

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.0

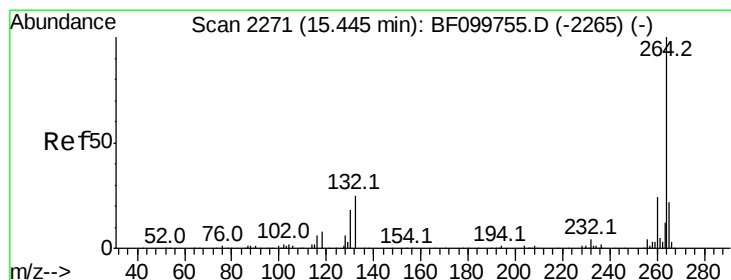
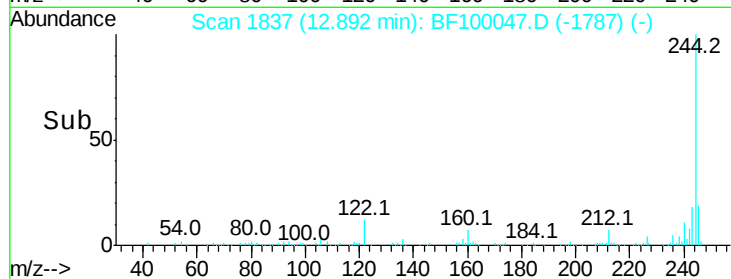
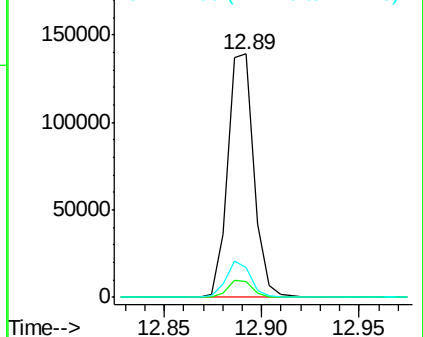
122 12.1 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.46 min Scan# 2273

Delta R.T. -0.01 min

Lab File: BF100047.D

Acq: 1 Nov 2017 16:57

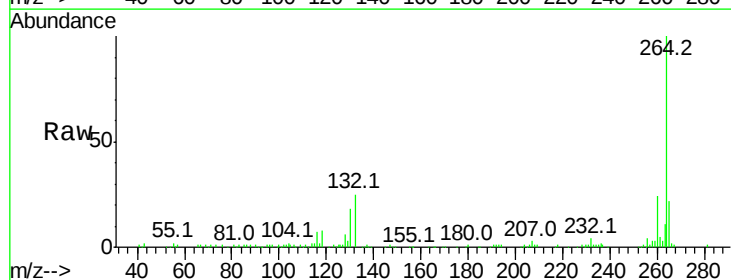
Tgt Ion:264 Resp: 152047

Ion Ratio Lower Upper

264 100

260 24.3 19.2 28.8

265 22.4 17.5 26.3



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

