

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110117\
 Data File : BF100048.D
 Acq On : 1 Nov 2017 17:22
 Operator : SJ/JU
 Sample : I6206-03 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 18:15:19 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

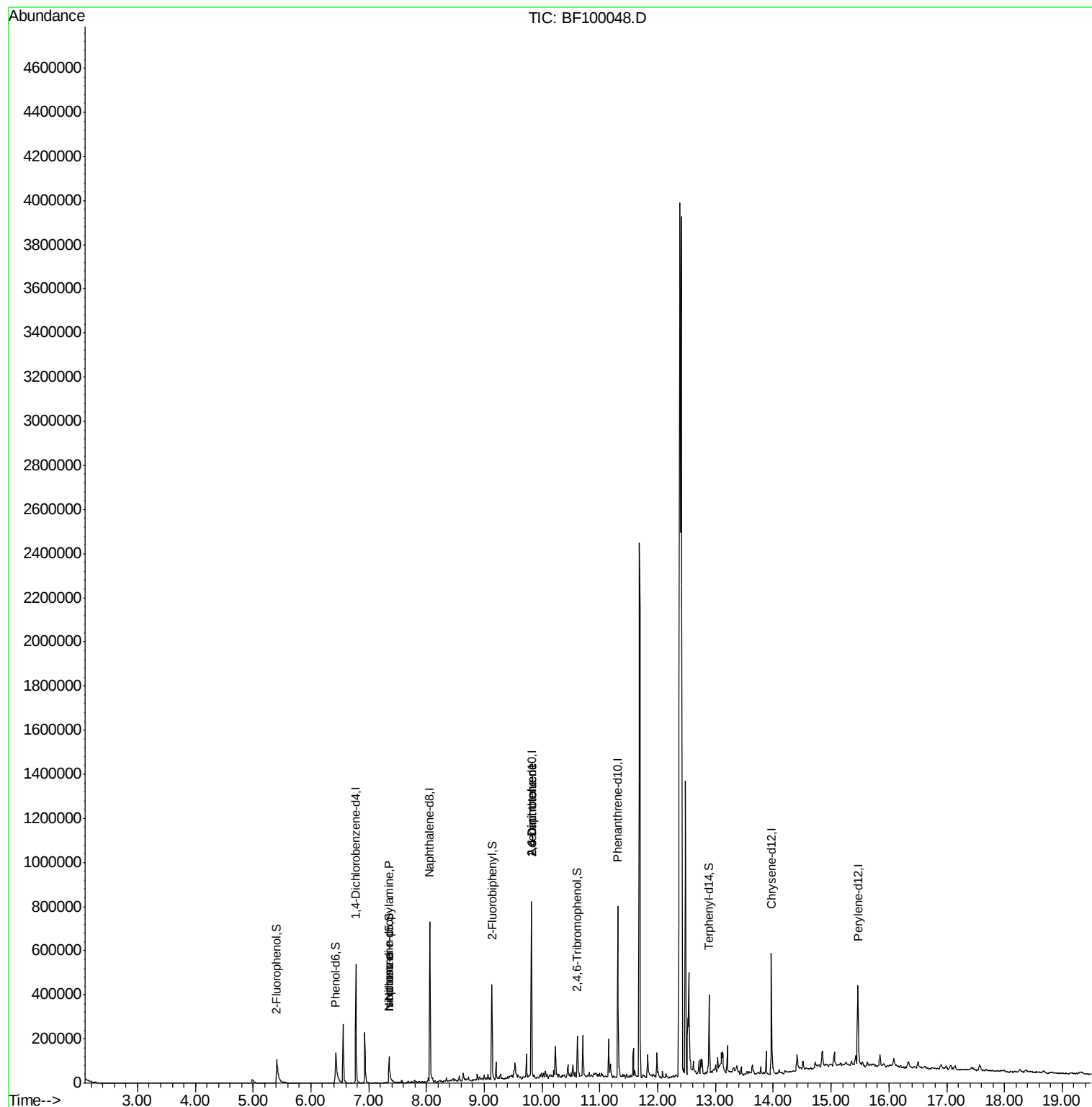
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	90654	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	369615	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	164739	20.00	ng	0.00
63) Phenanthrene-d10	11.31	188	279315	20.00	ng	0.00
75) Chrysene-d12	13.97	240	171240	20.00	ng	0.00
86) Perylene-d12	15.46	264	162683	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	86131	14.92	ng	0.02
7) Phenol-d6	6.43	99	113809	16.62	ng	0.00
23) Nitrobenzene-d5	7.35	82	62143	10.82	ng	0.00
41) 2,4,6-Tribromophenol	10.61	330	24142	16.08	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	144186	13.50	ng	0.00
78) Terphenyl-d14	12.89	244	105021	13.40	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	8220	2.049	ng	# 72
25) Isophorone	7.35	82	62143	5.965	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	22843	8.329	ng	# 25
56) 2,4-Dinitrotoluene	9.82	165	22843	6.916	ng	# 22

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

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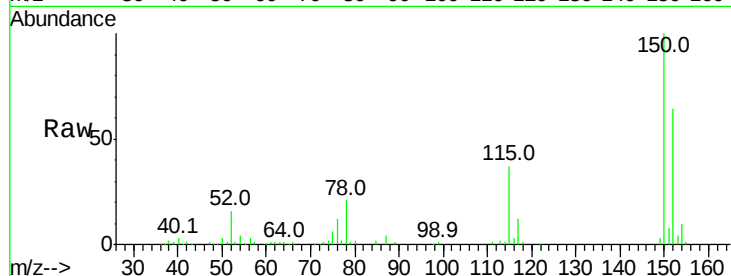


#1

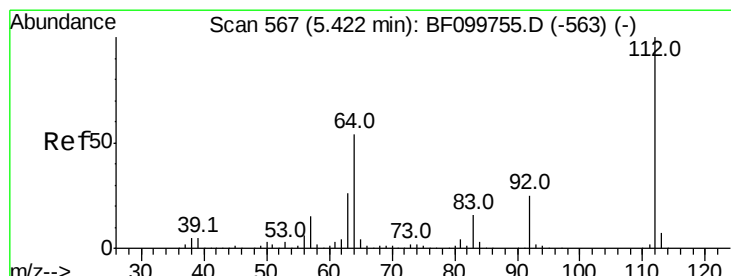
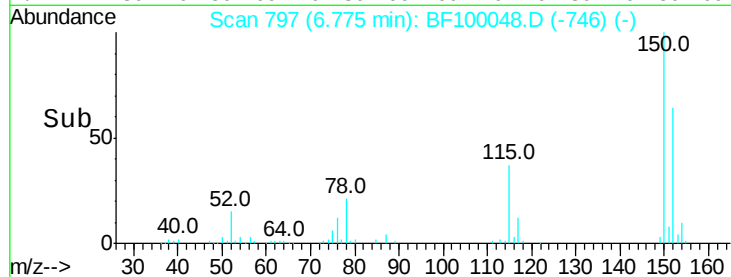
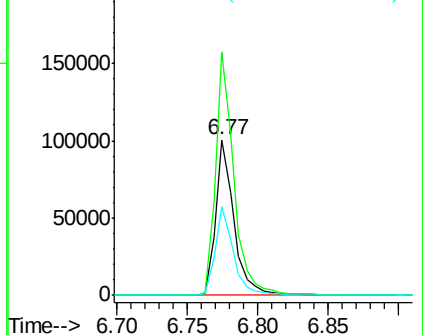
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF100048.D
 Acq: 1 Nov 2017 17:22

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 90654
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.6 186.8
 115 57.4 50.1 75.1



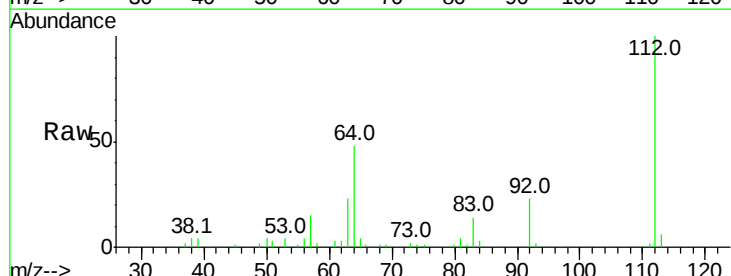
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



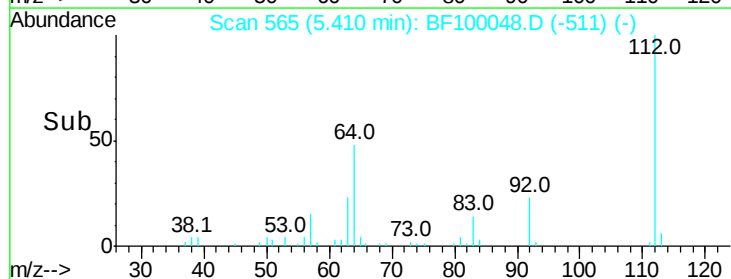
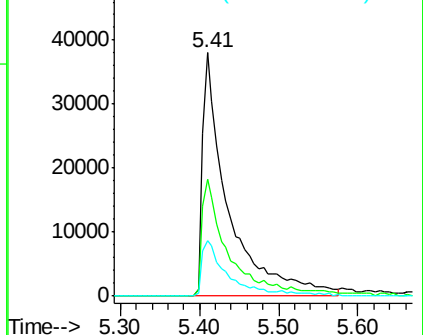
#5

2-Fluorophenol
 Concen: 14.916 ng
 RT: 5.41 min Scan# 565
 Delta R.T. 0.02 min
 Lab File: BF100048.D
 Acq: 1 Nov 2017 17:22

Tgt Ion:112 Resp: 86131
 Ion Ratio Lower Upper
 112 100
 64 48.0 47.9 71.9
 63 22.7 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: 16.623 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.00 min

Lab File: BF100048.D

Acq: 1 Nov 2017 17:22

Instrument :

BNA_F

ClientSampleId :

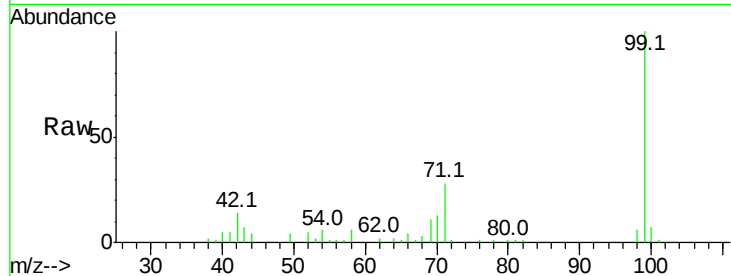
Tot Ion: 99 Resp: 113809

Ion Ratio Lower Upper

99 100

42 14.2 14.5 21.7#

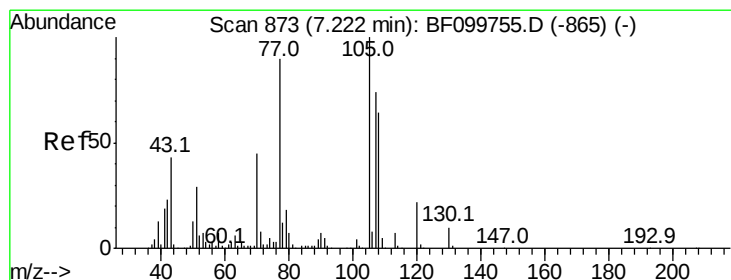
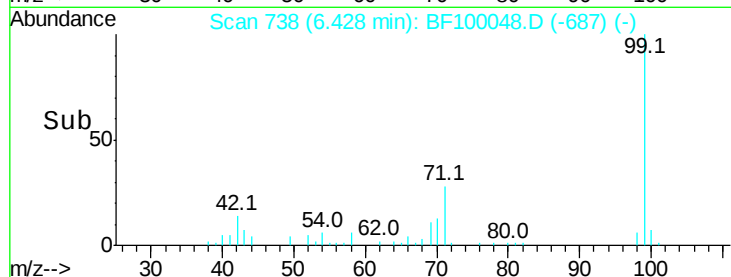
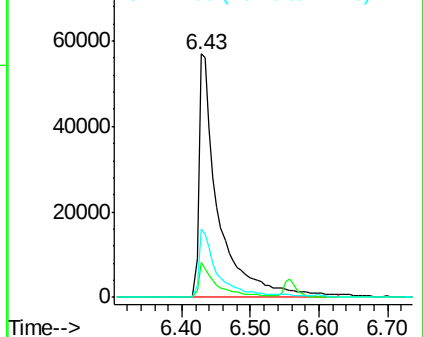
71 27.8 25.4 38.0



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: 2.049 ng

RT: 7.35 min Scan# 895

Delta R.T. 0.16 min

Lab File: BF100048.D

Acq: 1 Nov 2017 17:22

Tgt Ion: 70 Resp: 8220

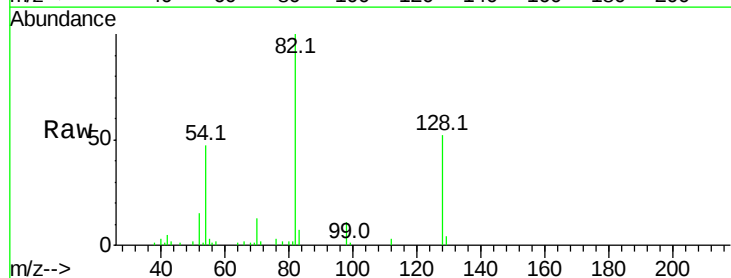
Ion Ratio Lower Upper

70 100

42 42.6 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

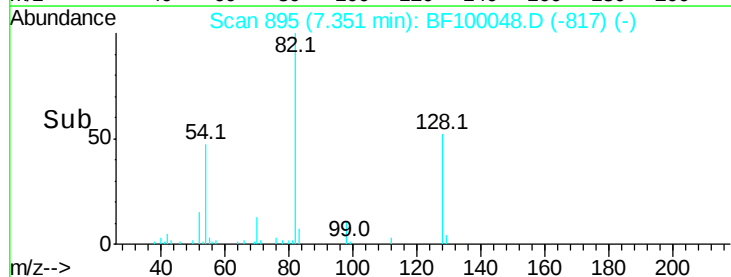
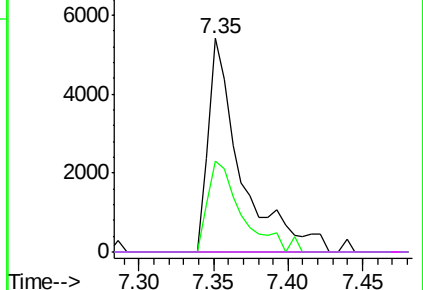


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

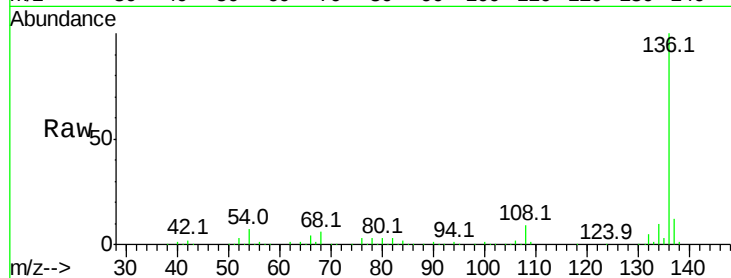




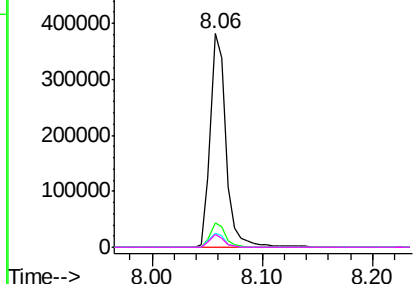
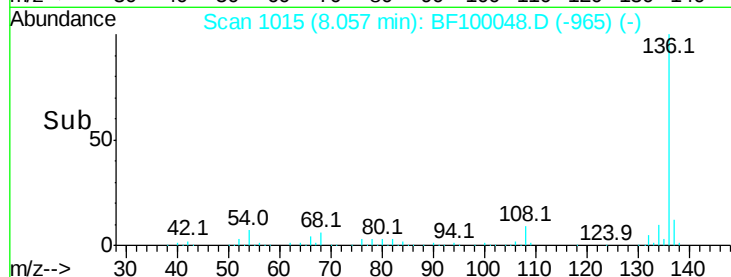
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF100048.D
Acq: 1 Nov 2017 17:22

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	369615
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.9	13.3
54	6.8	6.6	9.8
68	6.3	5.0	7.4

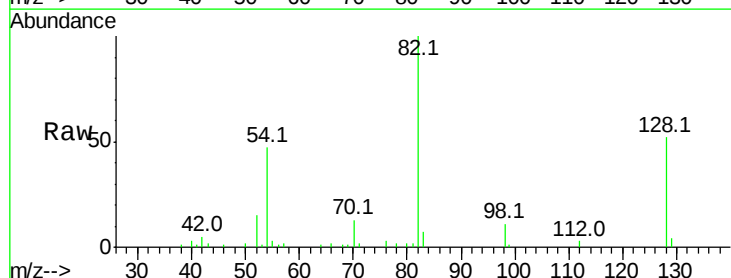


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

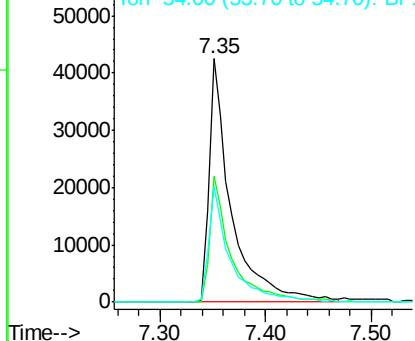
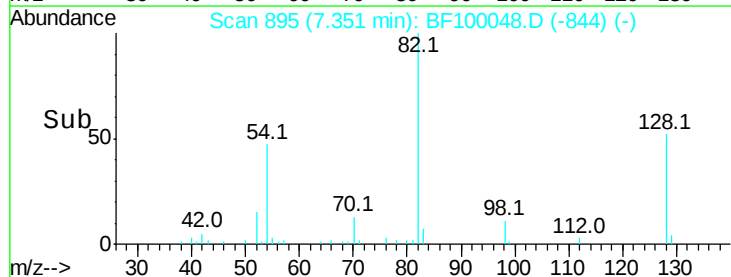


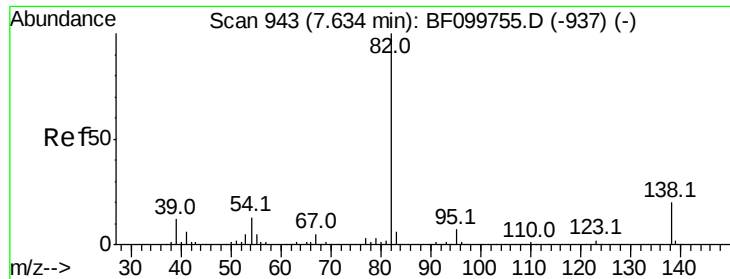
#23
Nitrobenzene-d5
Concen: 10.824 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.00 min
Lab File: BF100048.D
Acq: 1 Nov 2017 17:22

Tgt Ion:	82	Resp:	62143
Ion	Ratio	Lower	Upper
82	100		
128	51.7	36.1	54.1
54	47.2	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: 5.965 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.25 min

Lab File: BF100048.D

Acq: 1 Nov 2017 17:22

Instrument :

BNA_F

ClientSampleId :

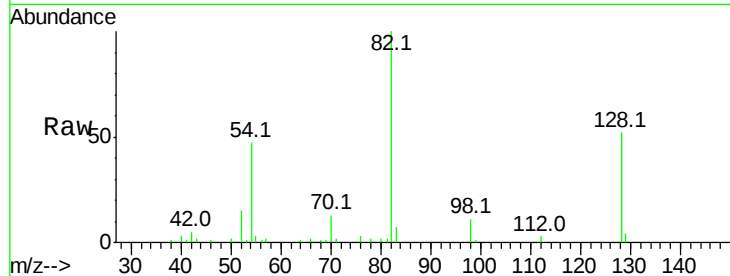
Tot Ion: 82 Resp: 62143

Ion Ratio Lower Upper

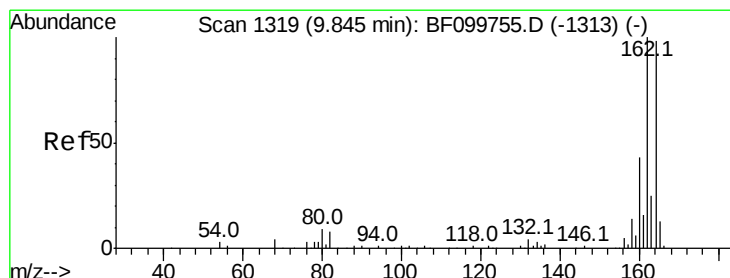
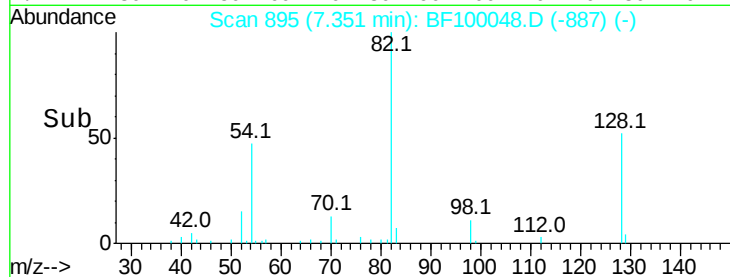
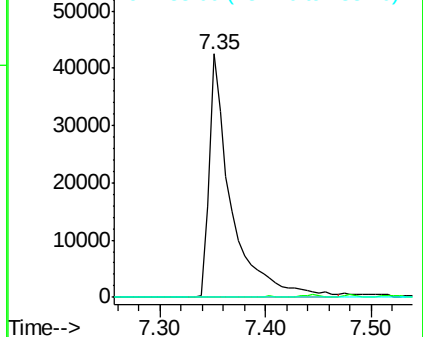
82 100

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: BF100048.D

Acq: 1 Nov 2017 17:22

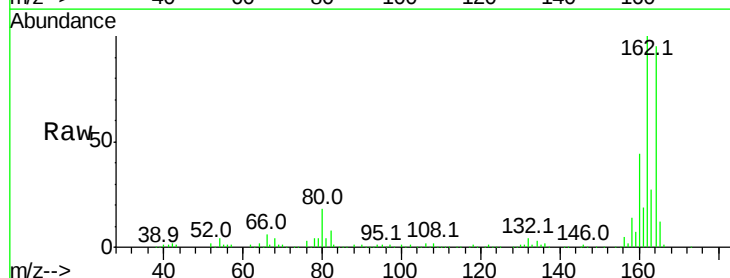
Tgt Ion:164 Resp: 164739

Ion Ratio Lower Upper

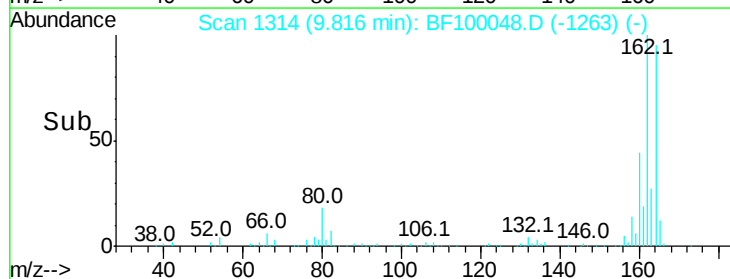
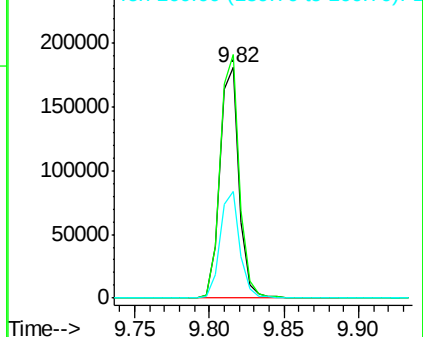
164 100

162 105.7 86.1 129.1

160 46.5 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

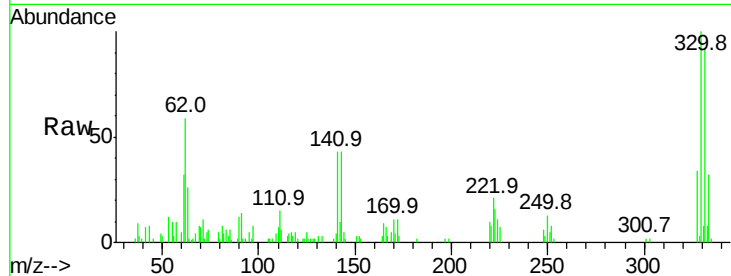




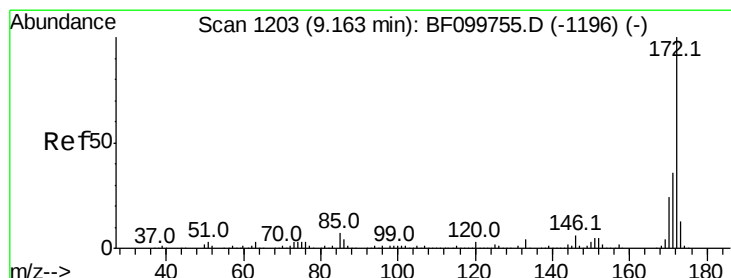
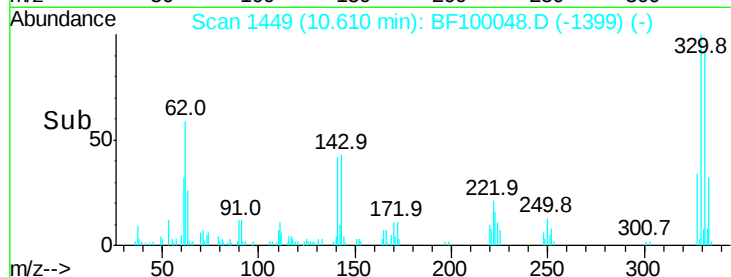
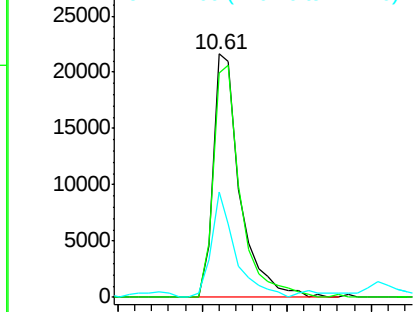
#41
 2,4,6-Tribromophenol
 Concen: 16.081 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF100048.D
 Acq: 1 Nov 2017 17:22

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 24142
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.0 115.6
 141 38.7 29.9 44.9

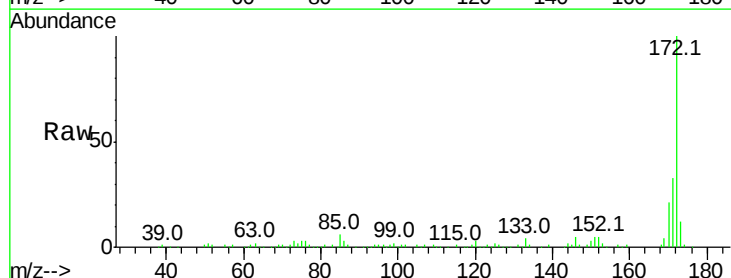


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

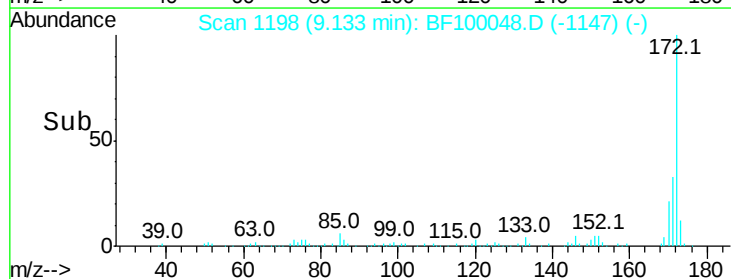
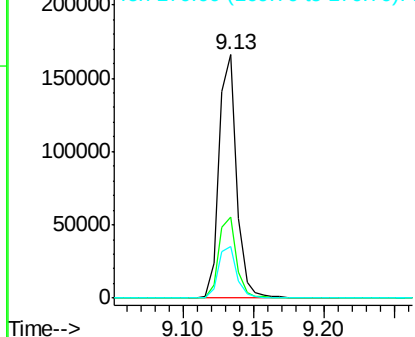


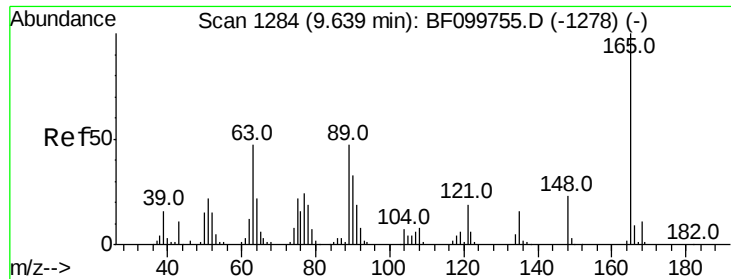
#44
 2-Fluorobiphenyl
 Concen: 13.504 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF100048.D
 Acq: 1 Nov 2017 17:22

Tgt Ion:172 Resp: 144186
 Ion Ratio Lower Upper
 172 100
 171 33.3 29.7 44.5
 170 21.0 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

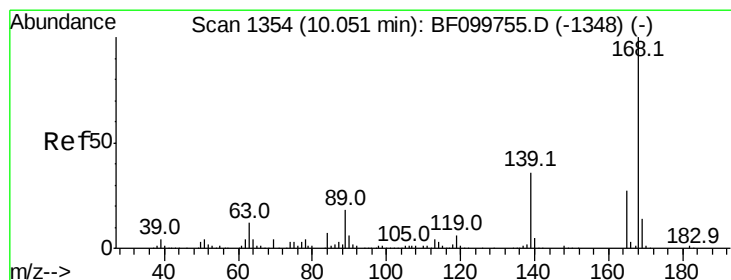
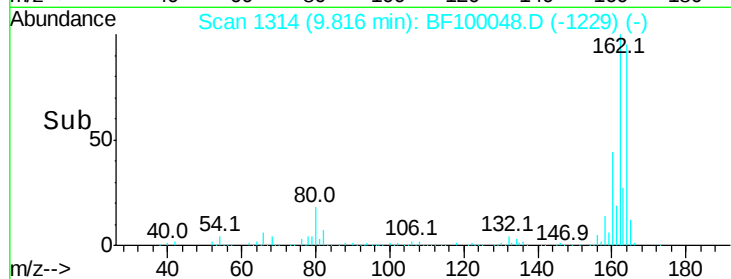
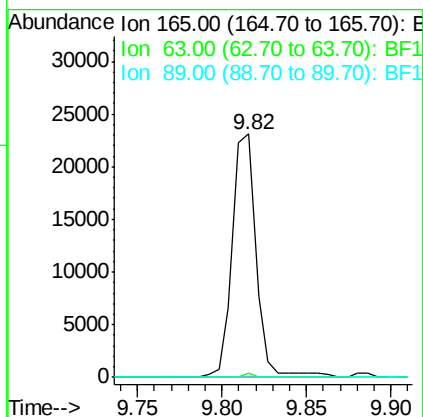
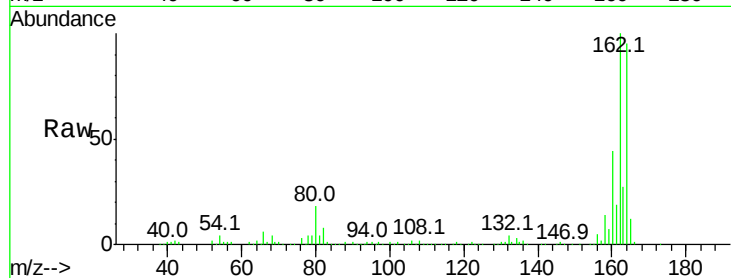




#50
 2,6-Dinitrotoluene
 Concen: 8.329 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.20 min
 Lab File: BF100048.D
 Acq: 1 Nov 2017 17:22

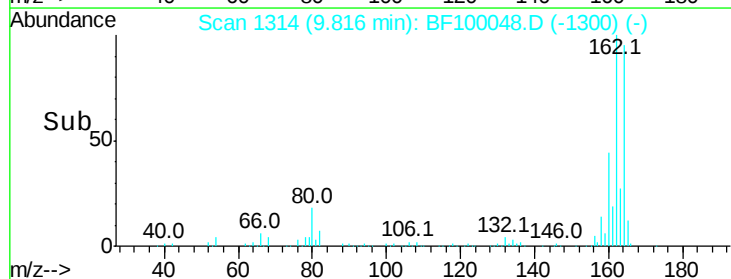
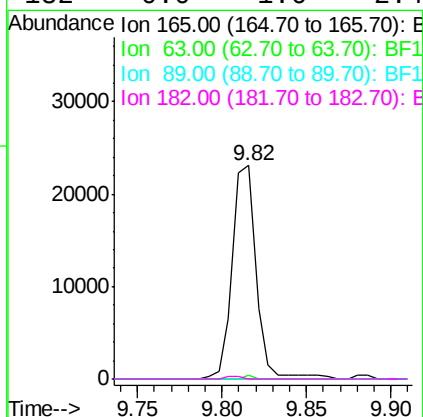
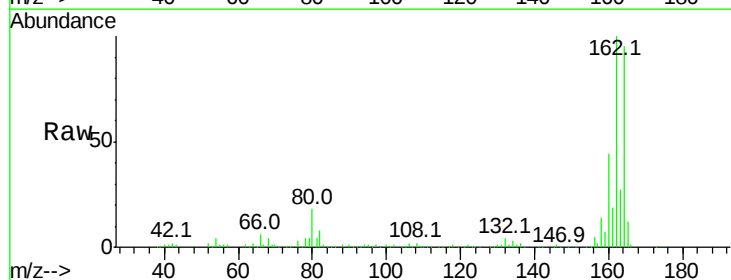
Instrument :
 BNA_F
 ClientSampleId :

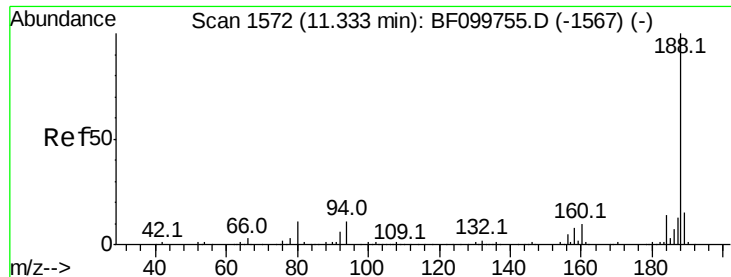
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	44.7	67.1#
89	0.0	44.0	66.0#



#56
 2,4-Dinitrotoluene
 Concen: 6.916 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. -0.22 min
 Lab File: BF100048.D
 Acq: 1 Nov 2017 17:22

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	36.4	54.6#
89	0.0	57.8	86.6#
182	0.0	1.6	2.4#





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.31 min Scan# 1568

Delta R.T. -0.00 min

Lab File: BF100048.D

Acq: 1 Nov 2017 17:22

Instrument :

BNA_F

ClientSampleId :

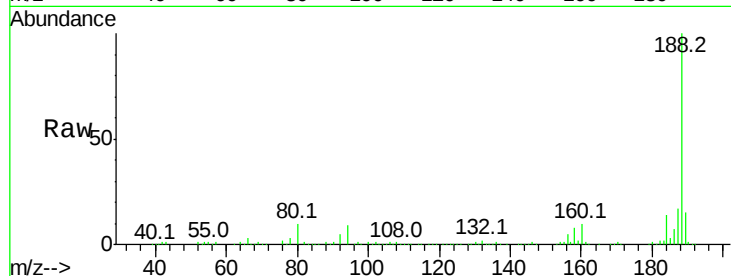
Tot Ion:188 Resp: 279315

Ion Ratio Lower Upper

188 100

94 9.2 8.5 12.7

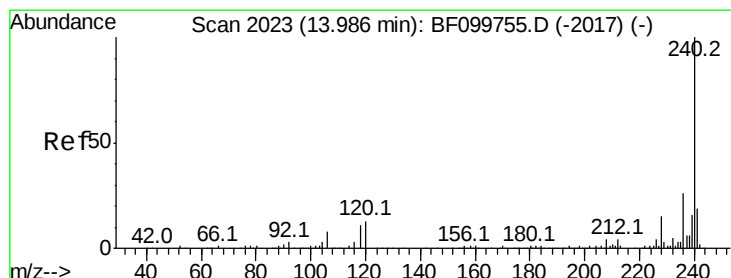
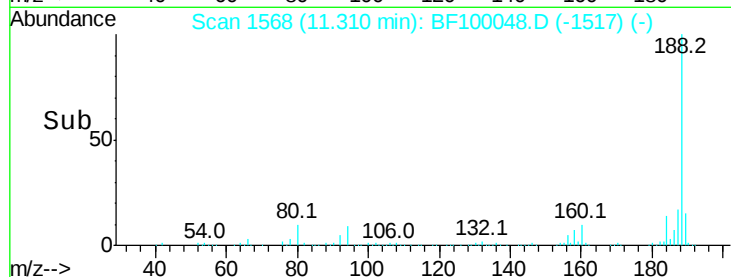
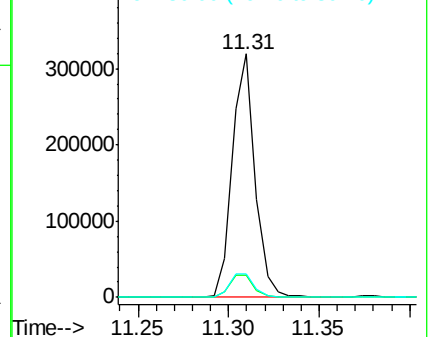
80 9.7 9.2 13.8



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: BF100048.D

Acq: 1 Nov 2017 17:22

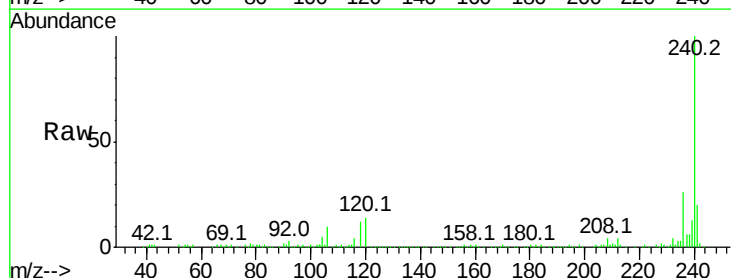
Tgt Ion:240 Resp: 171240

Ion Ratio Lower Upper

240 100

120 13.7 9.5 14.3

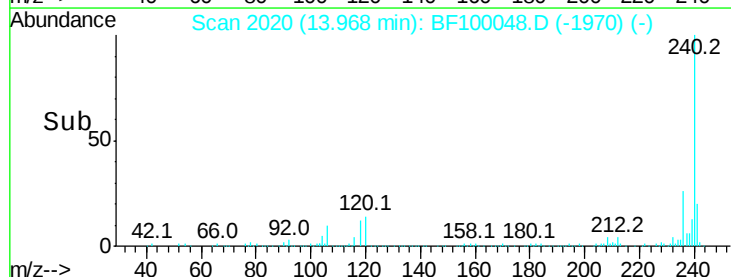
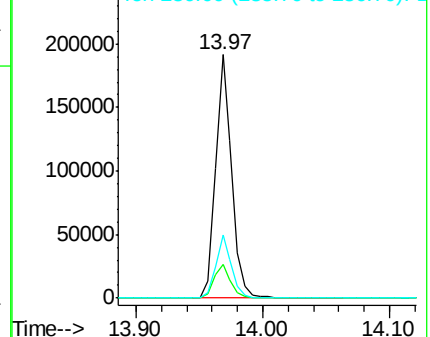
236 25.8 20.7 31.1

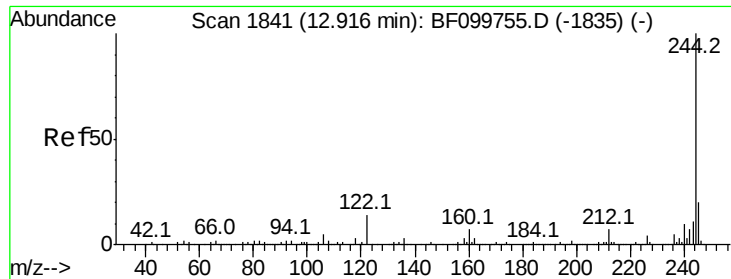


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 13.403 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF100048.D

Acq: 1 Nov 2017 17:22

Instrument :

BNA_F

ClientSampleId :

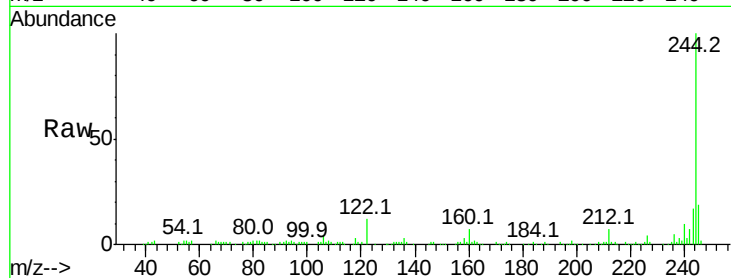
Tot Ion:244 Resp: 105021

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

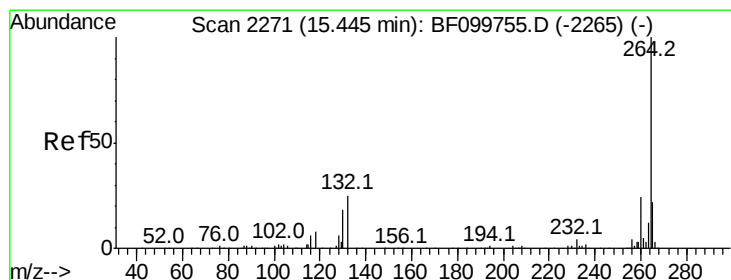
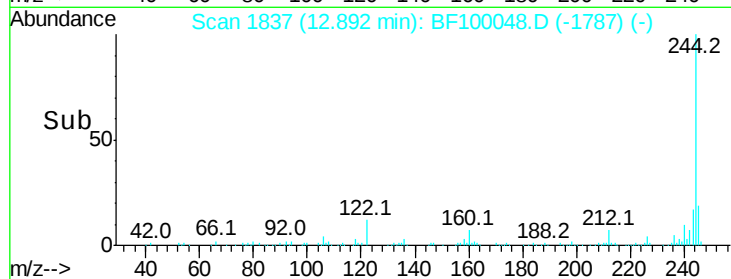
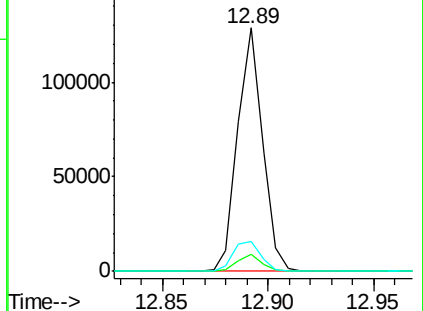
122 12.4 11.0 16.4



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# 2274

Delta R.T. -0.00 min

Lab File: BF100048.D

Acq: 1 Nov 2017 17:22

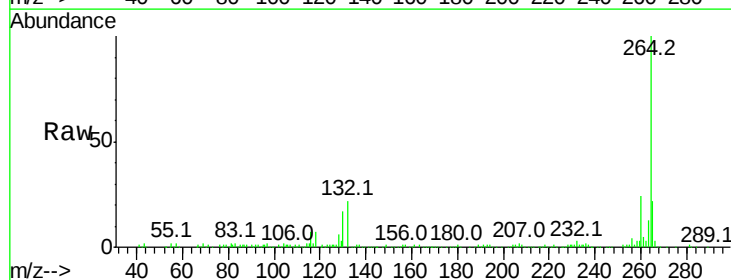
Tgt Ion:264 Resp: 162683

Ion Ratio Lower Upper

264 100

260 23.6 19.2 28.8

265 21.8 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

