

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100140.D
 Acq On : 3 Nov 2017 17:49
 Operator : SJ/JU
 Sample : PB103911BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 03 19:25:47 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 15:46:10 2017
 Response via : Initial Calibration

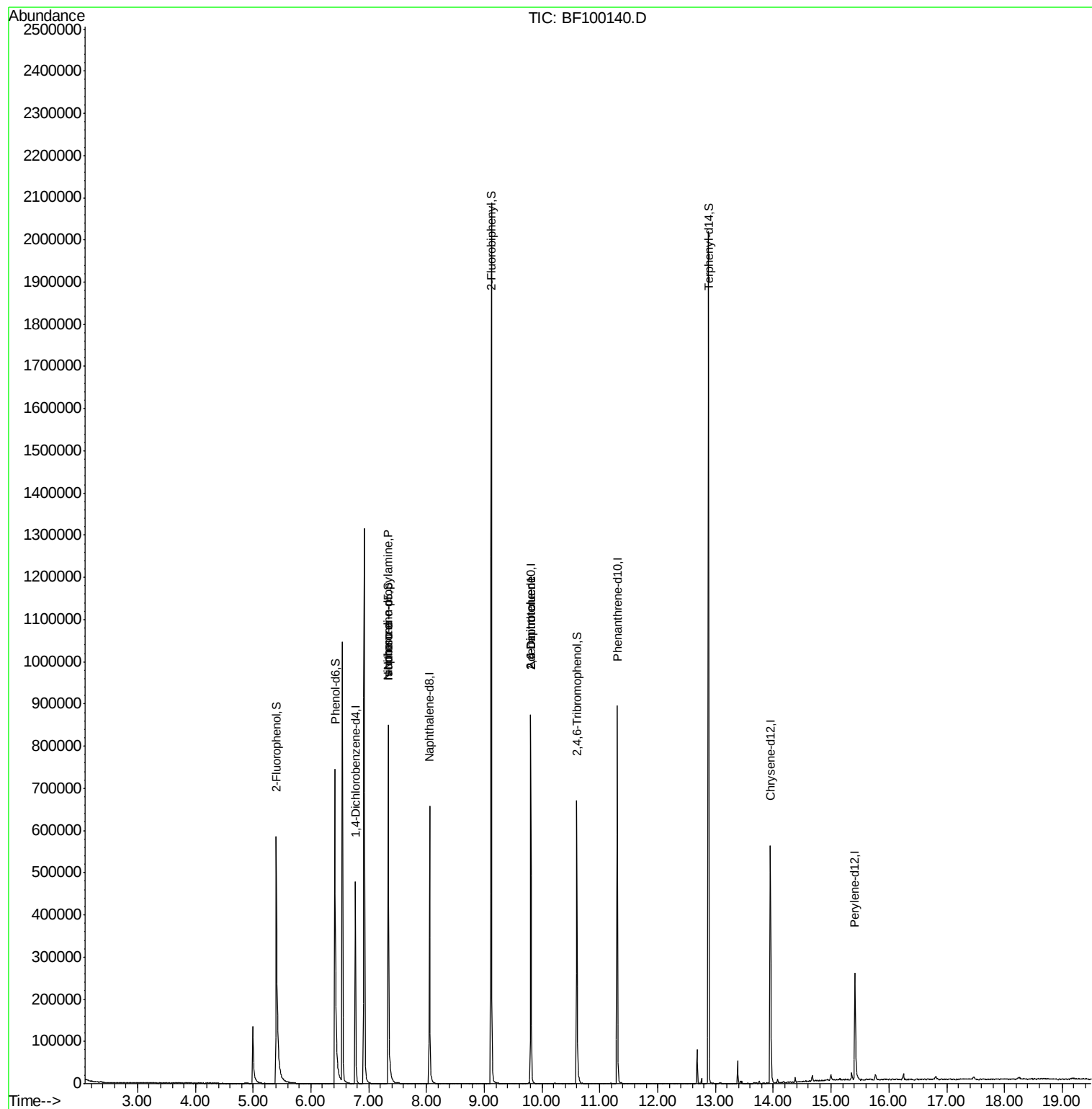
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	87468	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	365018	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	178298	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	335091	20.00	ng	0.00
75) Chrysene-d12	13.95	240	223283	20.00	ng	0.00
86) Perylene-d12	15.41	264	143357	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	333770	59.91	ng	0.01
7) Phenol-d6	6.42	99	408373	61.82	ng	-0.01
23) Nitrobenzene-d5	7.34	82	327133	57.70	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	96568	59.43	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	720487	62.34	ng	0.00
78) Terphenyl-d14	12.88	244	703505	68.86	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	39887	10.303	ng	# 72
25) Isophorone	7.34	82	327133	31.797	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	22726	7.656	ng	# 25
56) 2,4-Dinitrotoluene	9.80	165	22726	6.357	ng	# 22

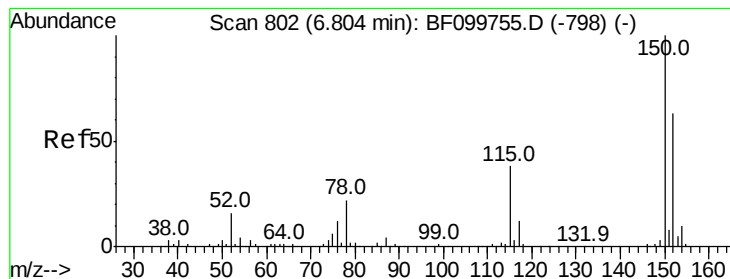
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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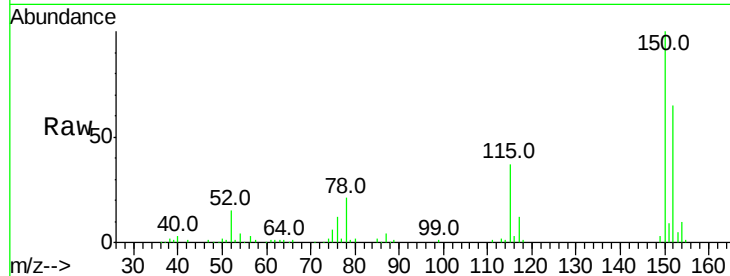


#1

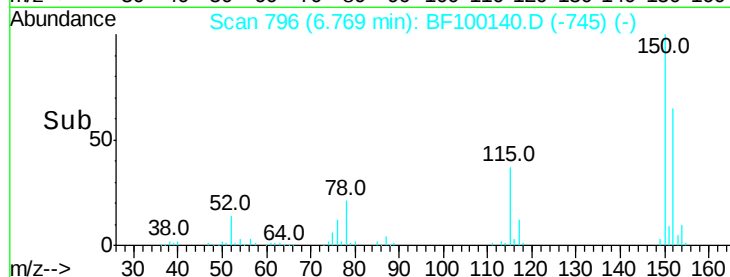
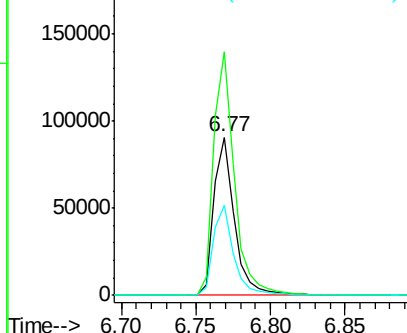
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 87468
Ion Ratio Lower Upper
152 100
150 154.0 124.6 186.8
115 56.7 50.1 75.1



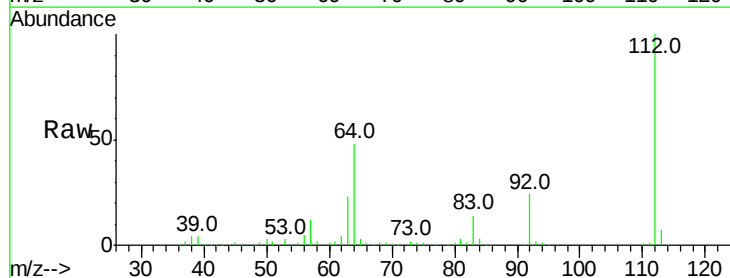
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



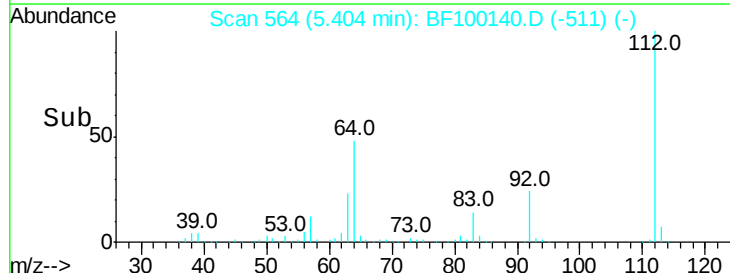
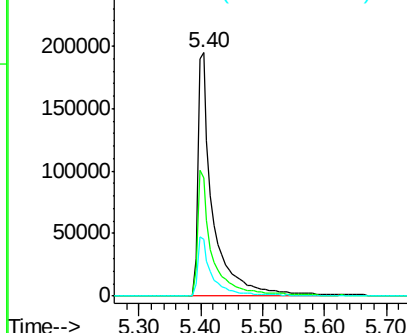
#5

2-Fluorophenol
Concen: 59.909 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Tgt Ion:112 Resp: 333770
Ion Ratio Lower Upper
112 100
64 48.4 47.9 71.9
63 23.4 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: 61.818 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF100140.D

Acq: 3 Nov 2017 17:49

Instrument :

BNA_F

ClientSampleId :

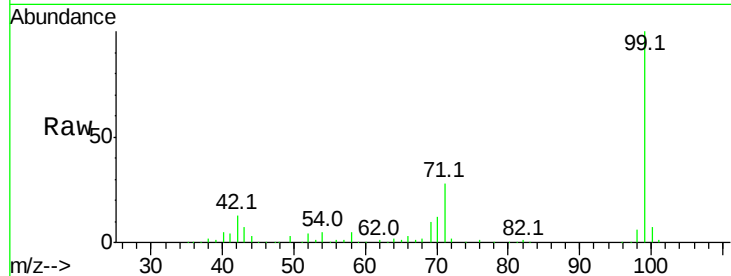
Tot Ion: 99 Resp: 408373

Ion Ratio Lower Upper

99 100

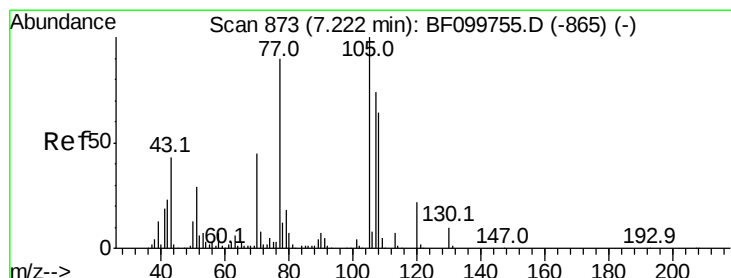
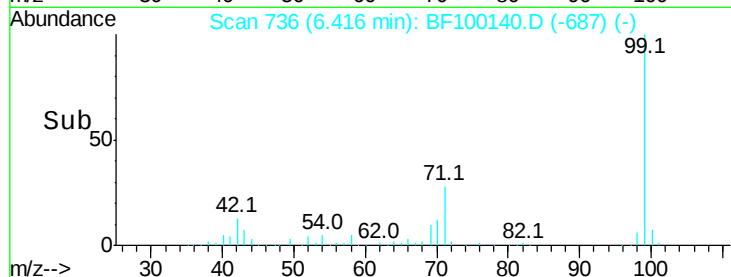
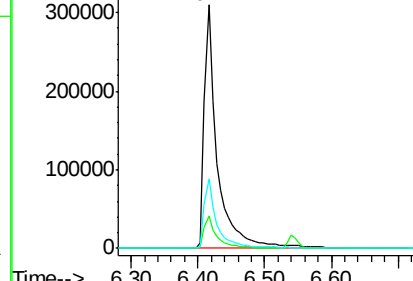
42 13.3 14.5 21.7#

71 28.3 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

6.42



#19

n-Nitroso-di-n-propylamine

Concen: 10.303 ng

RT: 7.34 min Scan# 893

Delta R.T. 0.15 min

Lab File: BF100140.D

Acq: 3 Nov 2017 17:49

Tgt Ion: 70 Resp: 39887

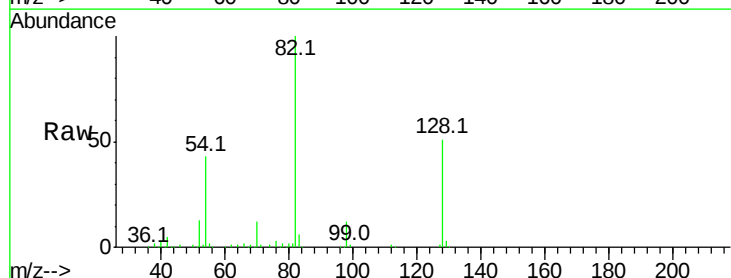
Ion Ratio Lower Upper

70 100

42 40.3 47.5 71.3#

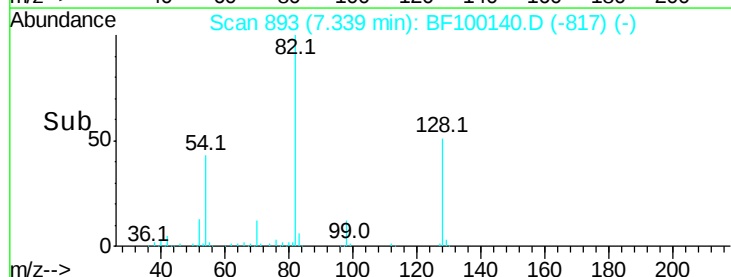
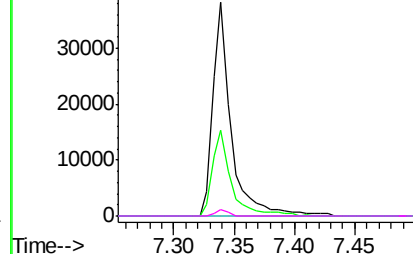
101 0.0 7.4 11.2#

130 3.2 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

7.34

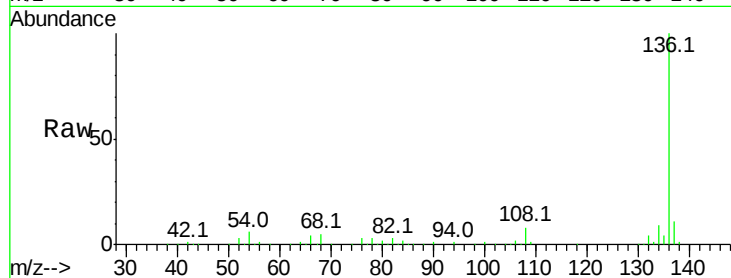




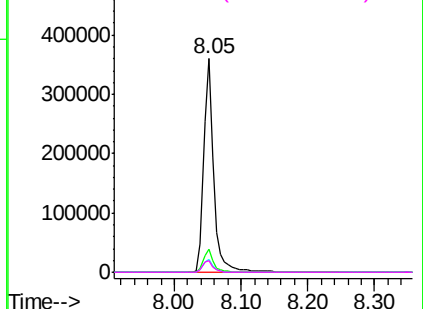
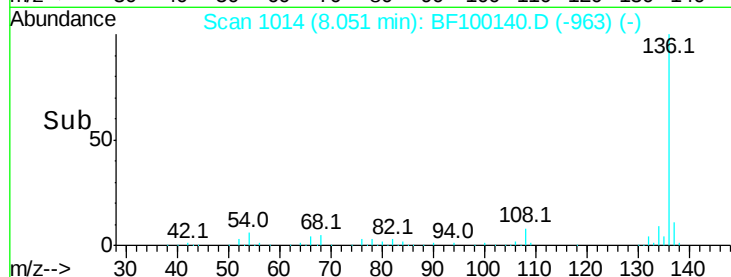
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.00 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	365018
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	6.1	6.6	9.8#
68	5.5	5.0	7.4

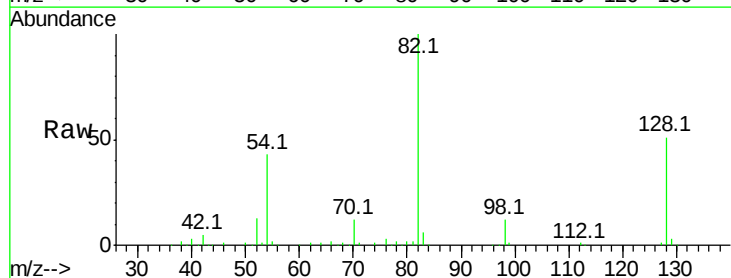


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

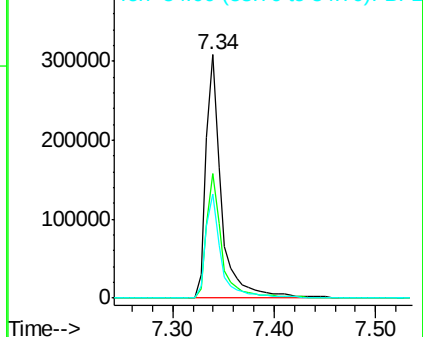
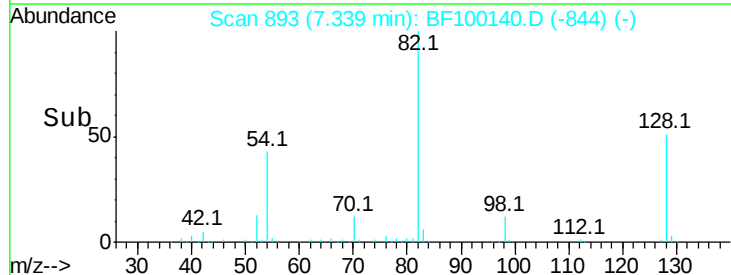


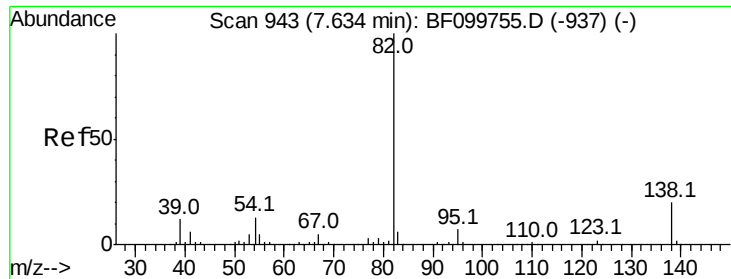
#23
Nitrobenzene-d5
Concen: 57.698 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Tgt Ion:	82	Resp:	327133
Ion	Ratio	Lower	Upper
82	100		
128	51.2	36.1	54.1
54	42.8	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: 31.797 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.26 min

Lab File: BF100140.D

Acq: 3 Nov 2017 17:49

Instrument :

BNA_F

ClientSampleId :

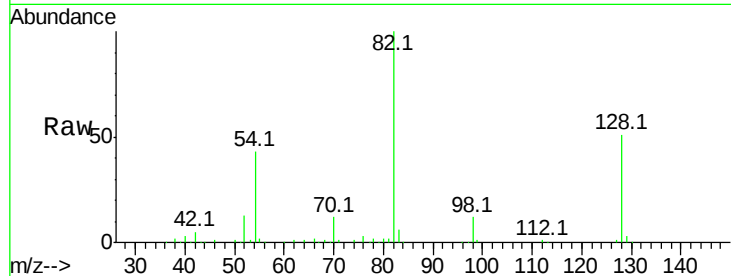
Tot Ion: 82 Resp: 327133

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

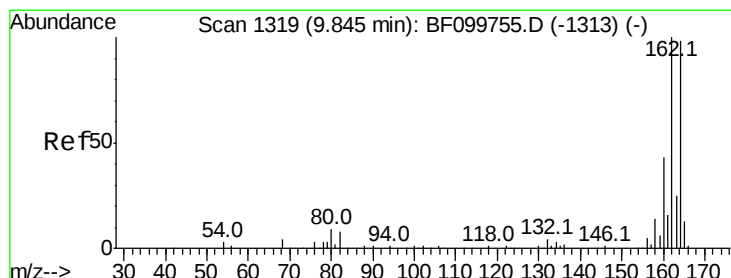
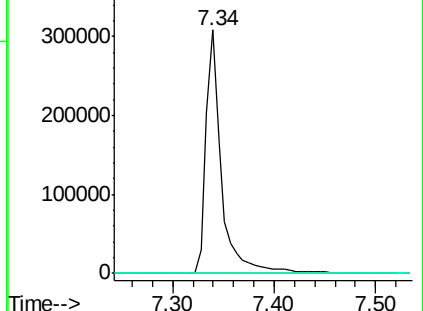
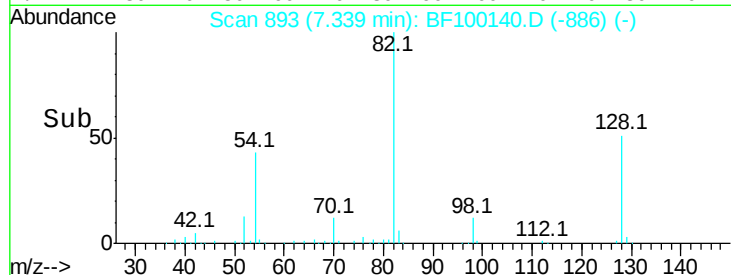
138 0.0 14.9 22.3#



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: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF100140.D

Acq: 3 Nov 2017 17:49

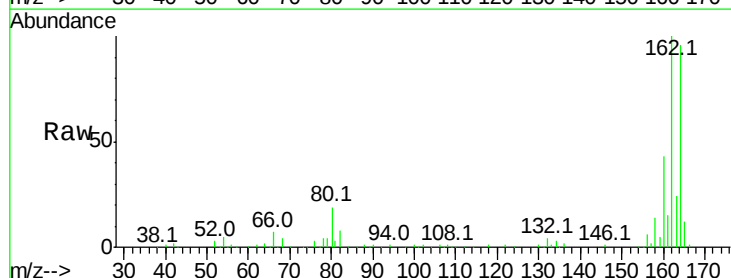
Tgt Ion:164 Resp: 178298

Ion Ratio Lower Upper

164 100

162 104.1 86.1 129.1

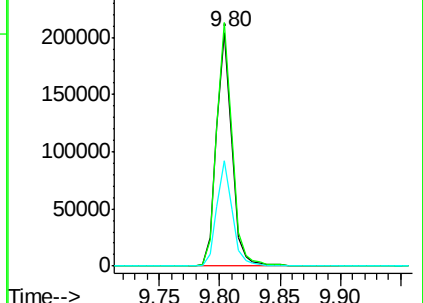
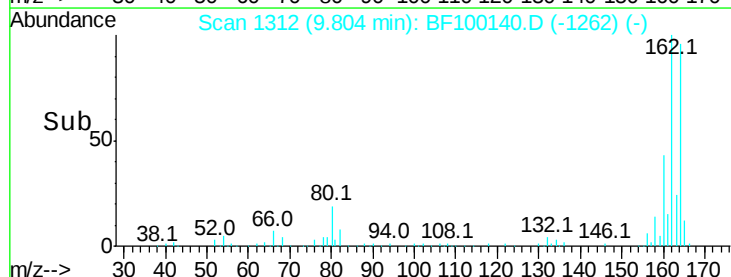
160 45.2 38.3 57.5

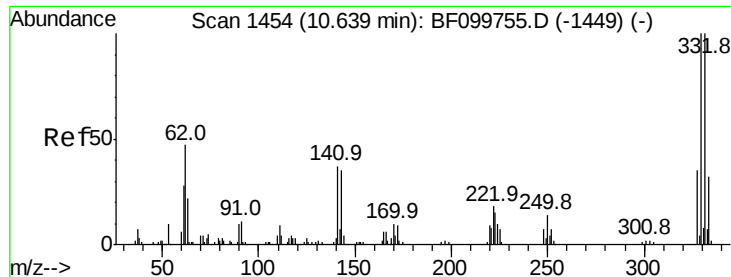


Abundance Ion 164.00 (163.70 to 164.70): BF1

Ion 162.00 (161.70 to 162.70): BF1

Ion 160.00 (159.70 to 160.70): BF1

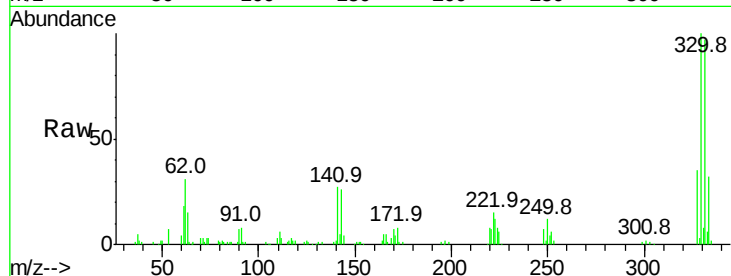




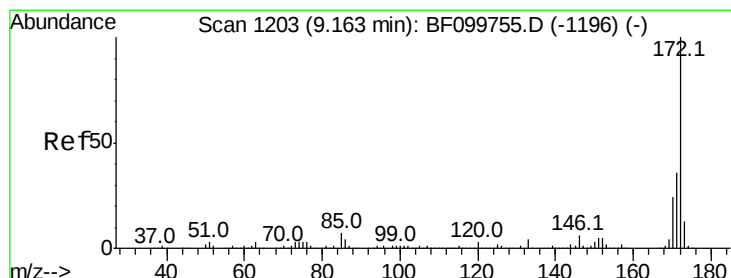
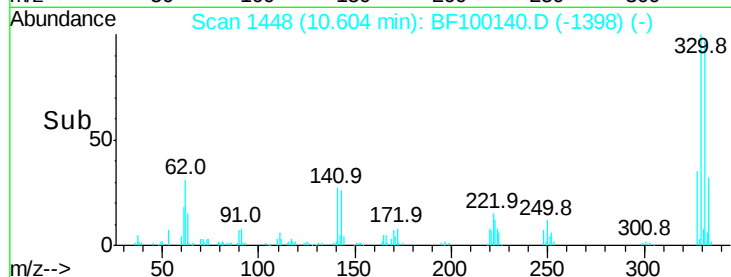
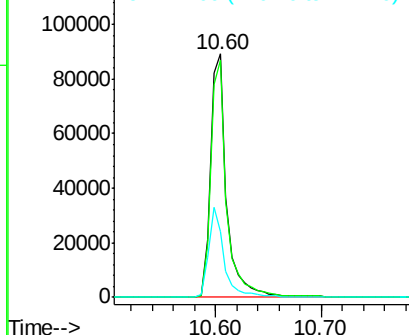
#41
 2,4,6-Tribromophenol
 Concen: 59.432 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100140.D
 Acq: 3 Nov 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 96568
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.0 115.6
 141 34.6 29.9 44.9

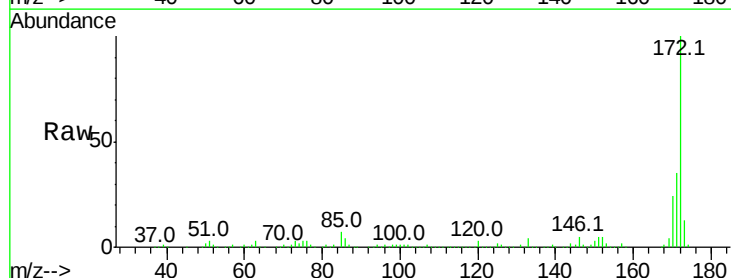


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

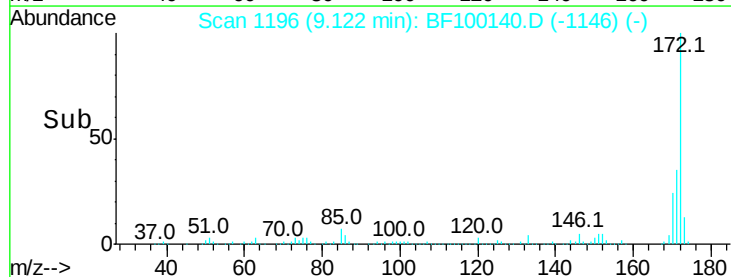
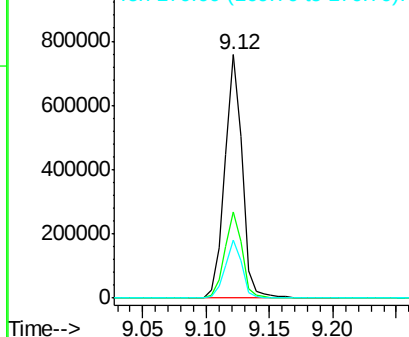


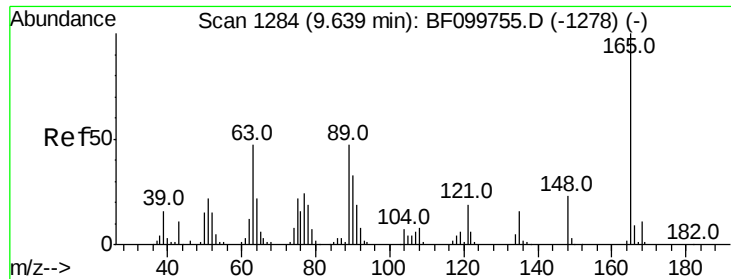
#44
 2-Fluorobiphenyl
 Concen: 62.345 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100140.D
 Acq: 3 Nov 2017 17:49

Tgt Ion:172 Resp: 720487
 Ion Ratio Lower Upper
 172 100
 171 35.2 29.7 44.5
 170 23.7 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

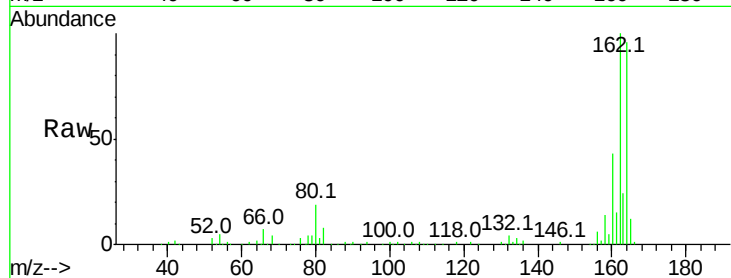




#50
 2,6-Dinitrotoluene
 Concen: 7.656 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF100140.D
 Acq: 3 Nov 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :

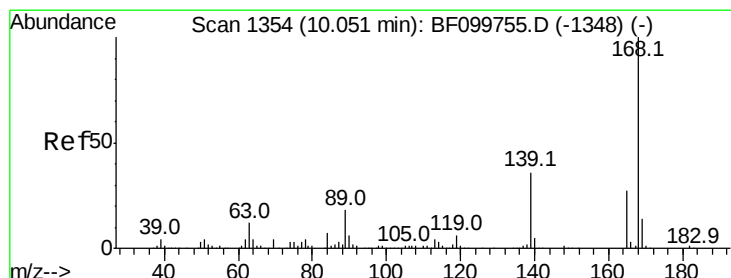
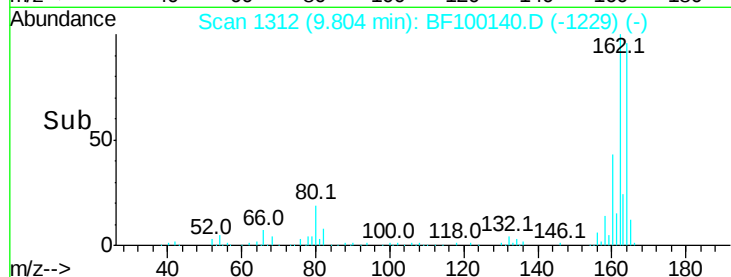
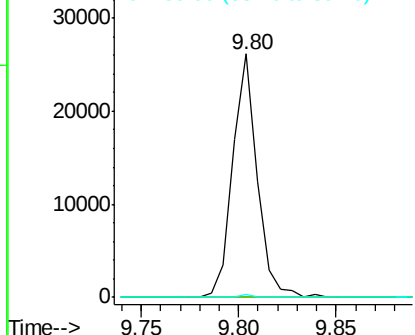
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.4	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

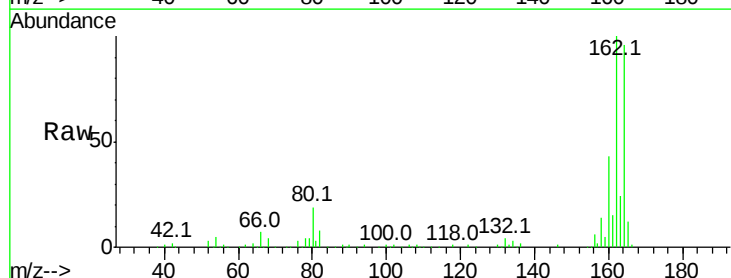
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.357 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.22 min
 Lab File: BF100140.D
 Acq: 3 Nov 2017 17:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.4	57.8	86.6#
182	0.0	1.6	2.4#

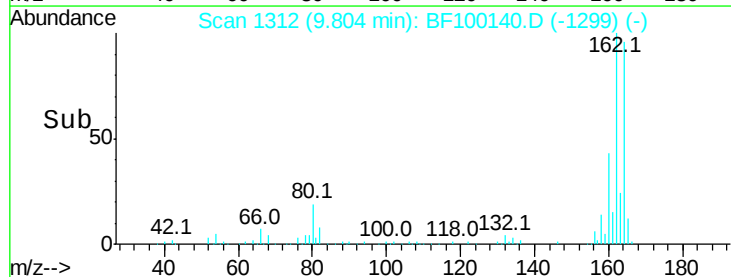
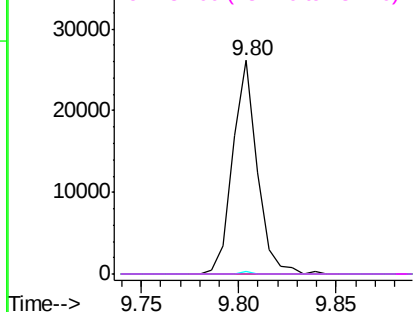


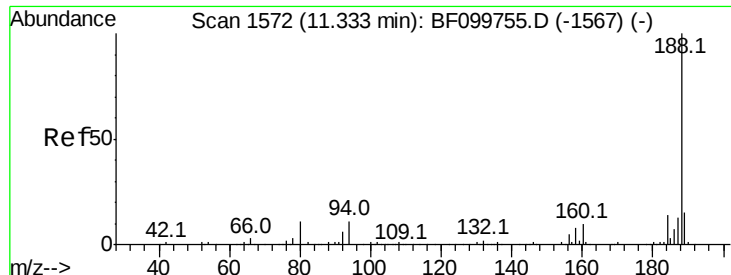
Abundance Ion 165.00 (164.70 to 165.70): E

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

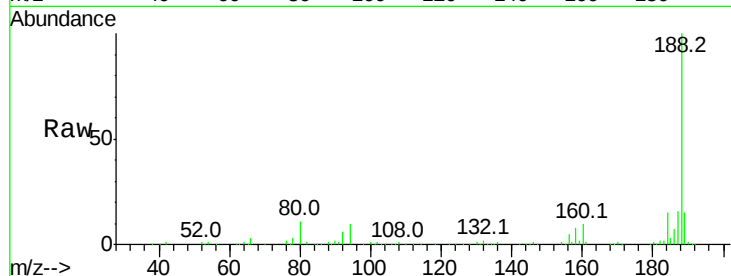




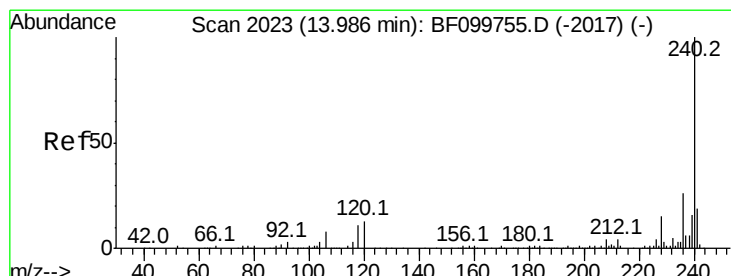
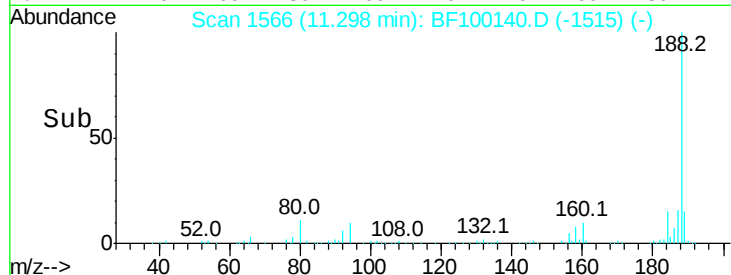
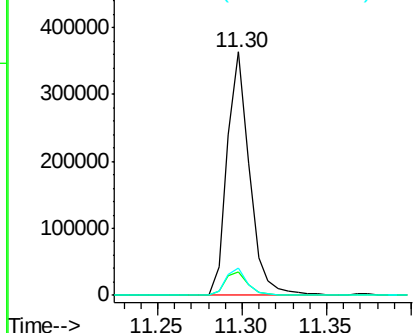
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.00 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 335091
Ion Ratio Lower Upper
188 100
94 9.9 8.5 12.7
80 11.1 9.2 13.8

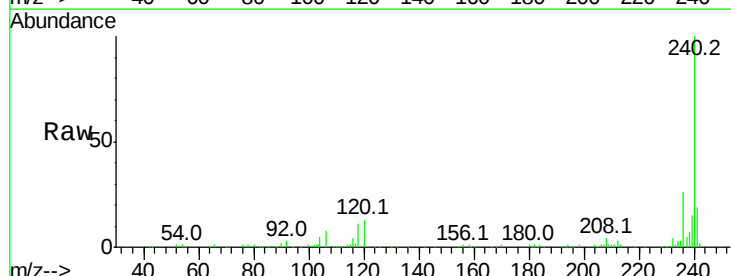


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

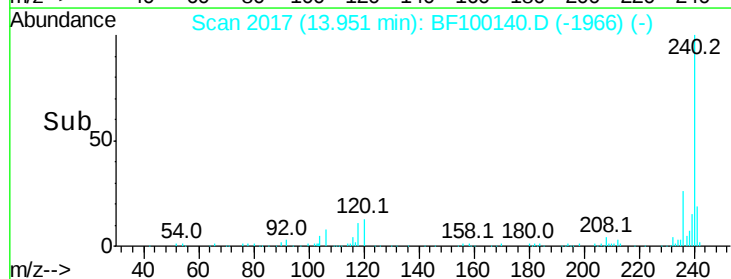
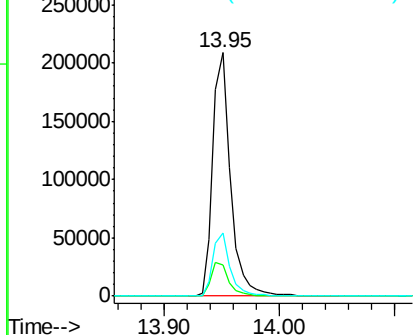


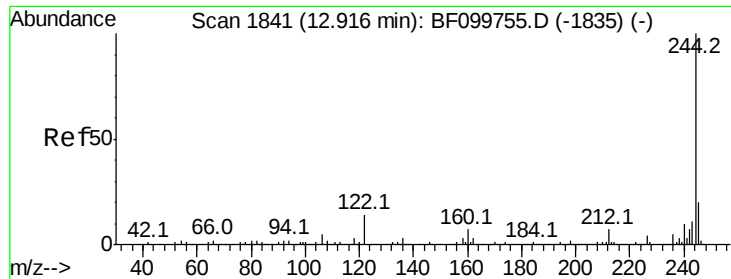
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BF100140.D
Acq: 3 Nov 2017 17:49

Tgt Ion:240 Resp: 223283
Ion Ratio Lower Upper
240 100
120 12.9 9.5 14.3
236 25.7 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: 68.855 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.00 min

Lab File: BF100140.D

Acq: 3 Nov 2017 17:49

Instrument :

BNA_F

ClientSampleId :

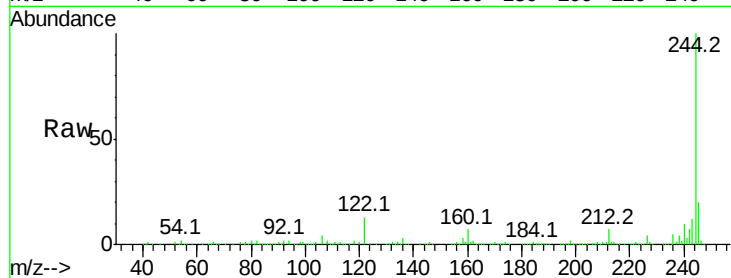
Tot Ion:244 Resp: 703505

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

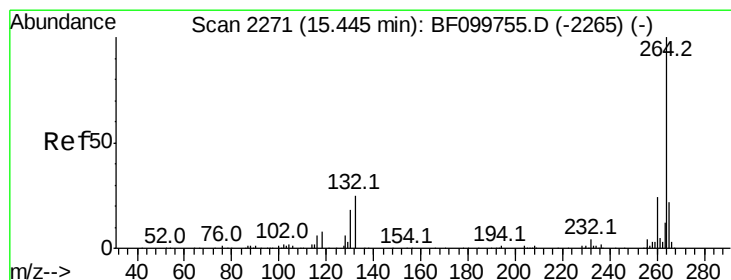
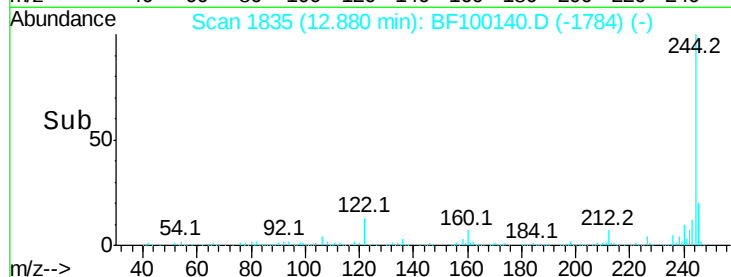
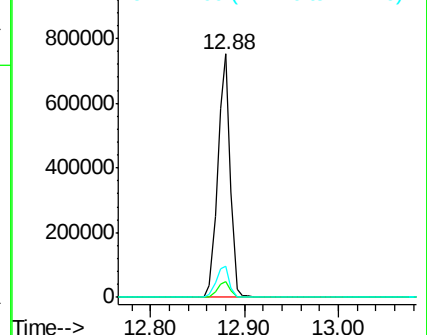
122 12.7 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.00 min

Lab File: BF100140.D

Acq: 3 Nov 2017 17:49

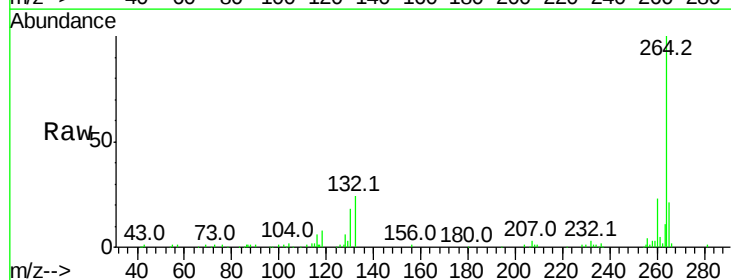
Tgt Ion:264 Resp: 143357

Ion Ratio Lower Upper

264 100

260 22.5 19.2 28.8

265 21.1 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

