

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100005.D
 Acq On : 31 Oct 2017 16:16
 Operator : SJ/JU
 Sample : PB103707BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 04:17:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

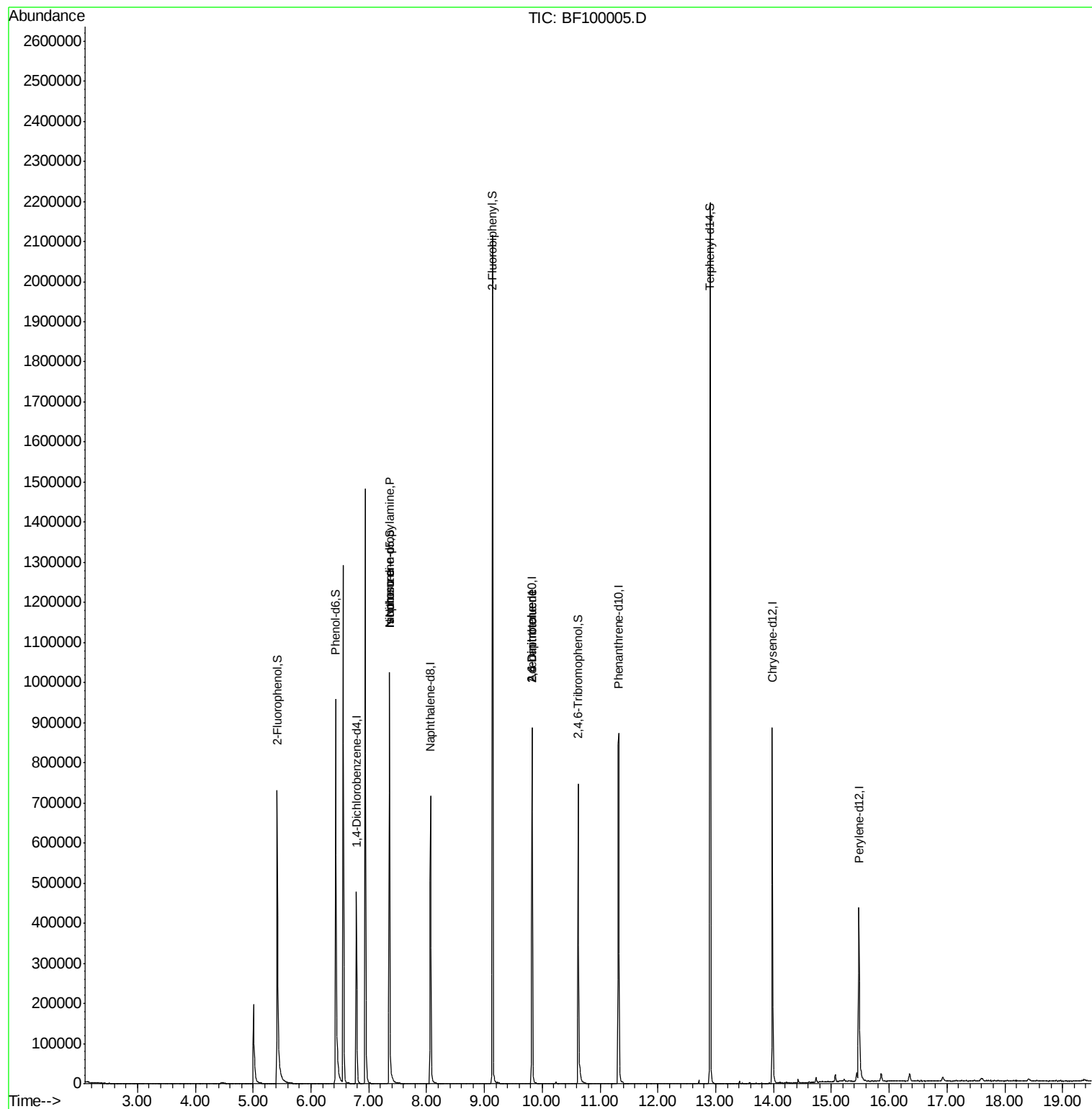
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	84931	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	364088	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	183175	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	369566	20.00	ng	0.00
75) Chrysene-d12	13.98	240	313354	20.00	ng	0.00
86) Perylene-d12	15.47	264	239869	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	357551	66.09	ng	0.01
7) Phenol-d6	6.43	99	427547	66.65	ng	0.00
23) Nitrobenzene-d5	7.36	82	352407	62.31	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	111630	66.87	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	774992	65.28	ng	0.00
78) Terphenyl-d14	12.91	244	872849	60.87	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	42779	11.380	ng	# 71
25) Isophorone	7.36	82	352404	34.341	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	23069	7.565	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	23069	6.282	ng	# 21

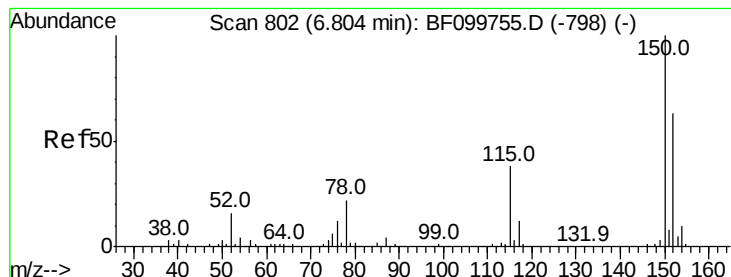
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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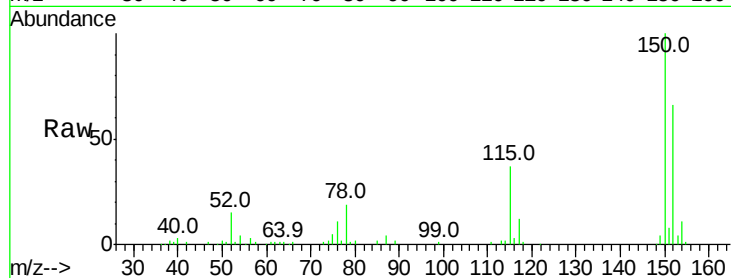


#1

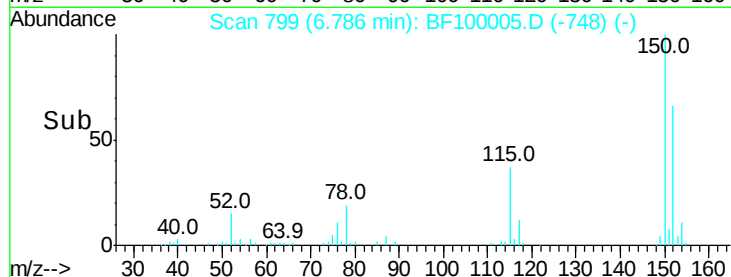
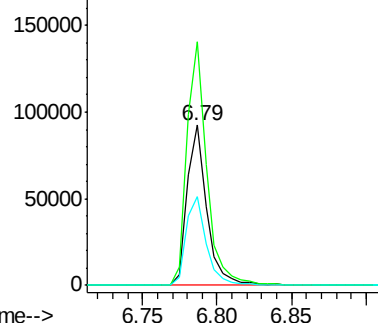
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.00 min
 Lab File: BF100005.D
 Acq: 31 Oct 2017 16:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 84931
 Ion Ratio Lower Upper
 152 100
 150 152.4 124.6 186.8
 115 55.6 50.1 75.1



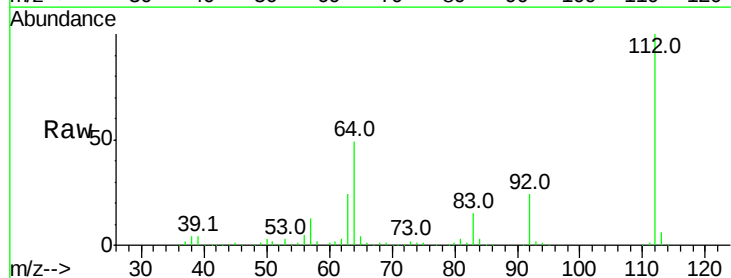
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



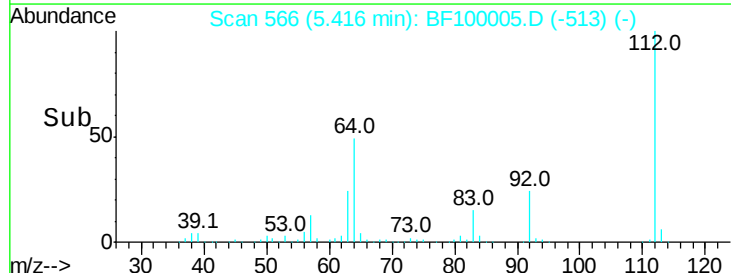
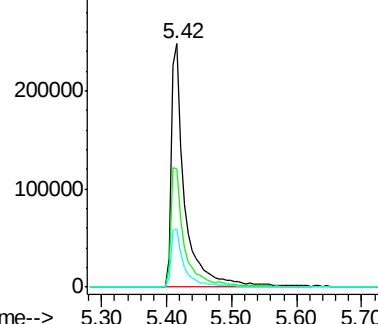
#5

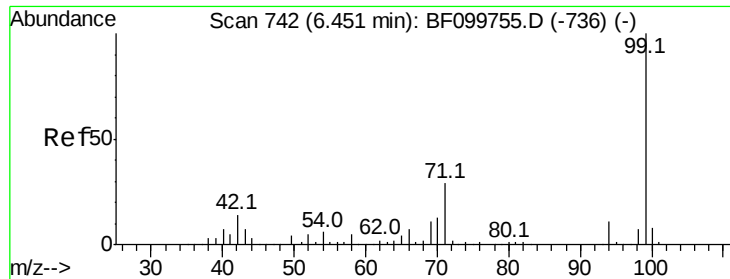
2-Fluorophenol
 Concen: 66.094 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: BF100005.D
 Acq: 31 Oct 2017 16:16

Tgt Ion:112 Resp: 357551
 Ion Ratio Lower Upper
 112 100
 64 48.8 47.9 71.9
 63 23.9 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: 66.654 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF100005.D

Acq: 31 Oct 2017 16:16

Instrument :

BNA_F

ClientSampled :

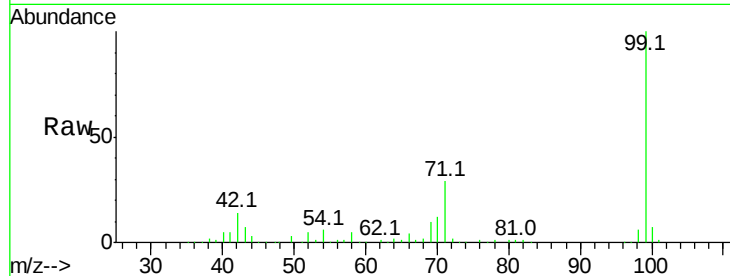
Tot Ion: 99 Resp: 427547

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

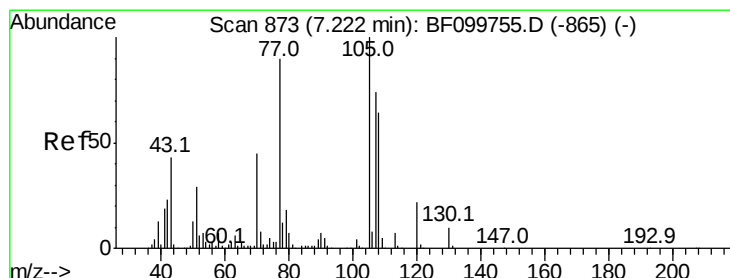
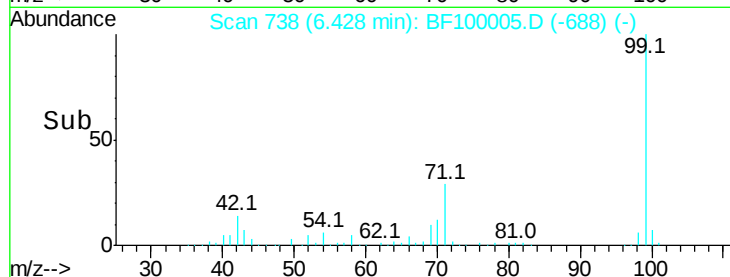
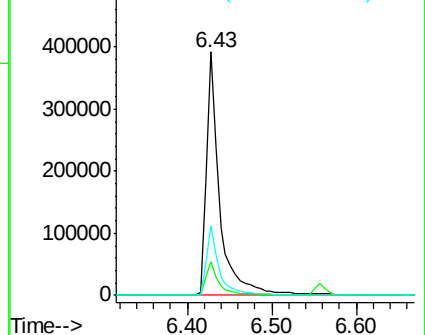
71 28.6 25.4 38.0



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: 11.380 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF100005.D

Acq: 31 Oct 2017 16:16

Tgt Ion: 70 Resp: 42779

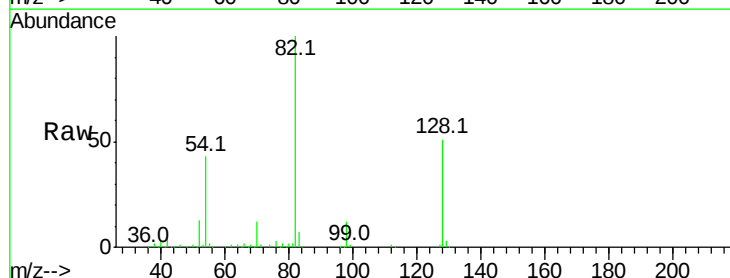
Ion Ratio Lower Upper

70 100

42 40.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

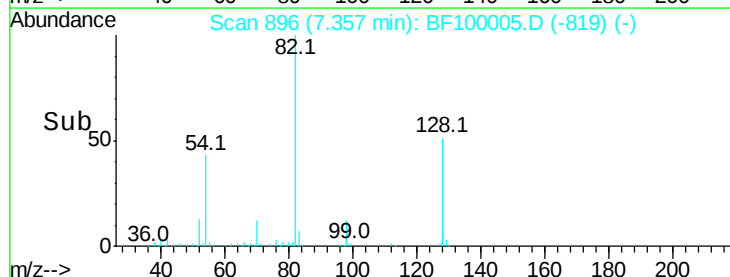
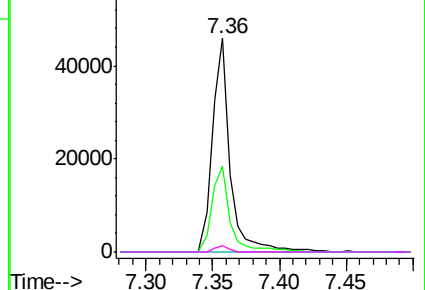


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

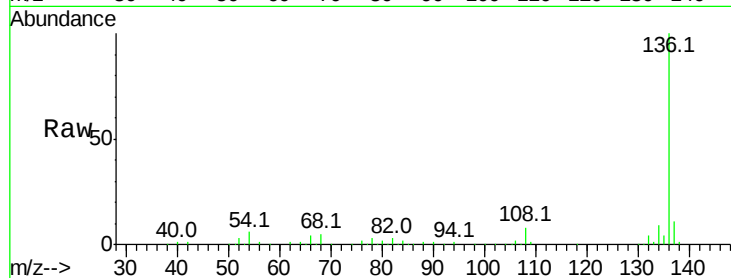




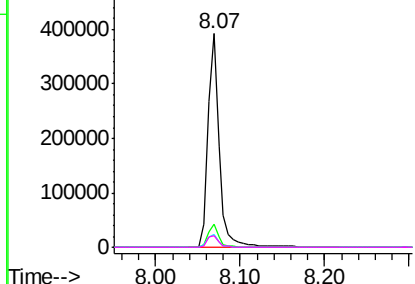
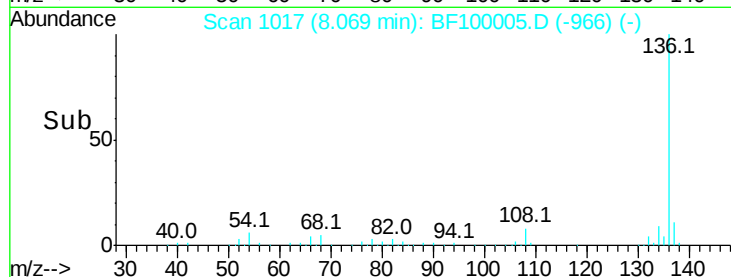
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF100005.D
Acq: 31 Oct 2017 16:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	364088
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

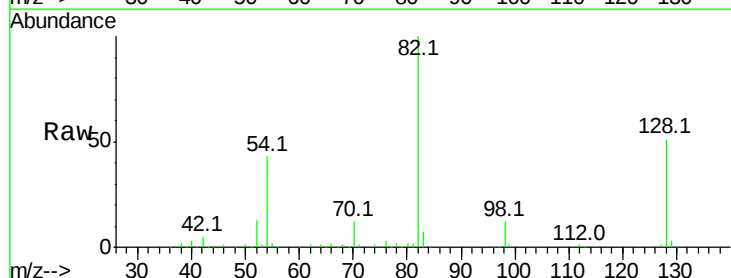


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

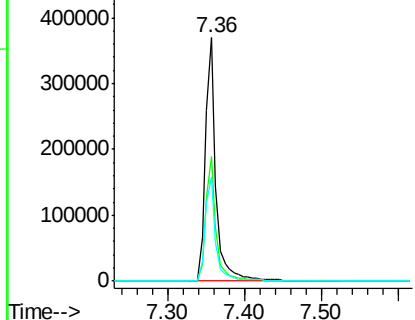
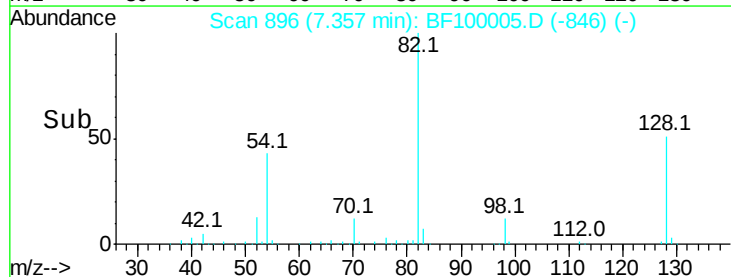


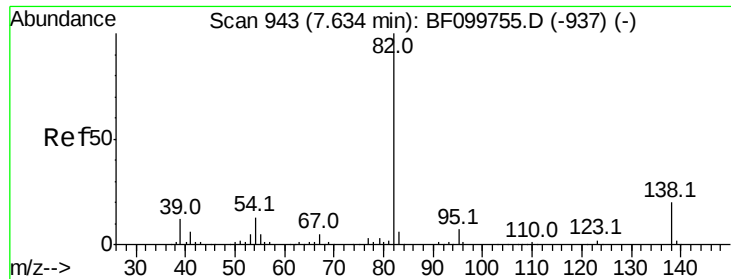
#23
Nitrobenzene-d5
Concen: 62.315 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF100005.D
Acq: 31 Oct 2017 16:16

Tgt Ion:	82	Resp:	352407
Ion	Ratio	Lower	Upper
82	100		
128	51.1	36.1	54.1
54	42.7	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: 34.341 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF100005.D

Acq: 31 Oct 2017 16:16

Instrument :

BNA_F

ClientSampled :

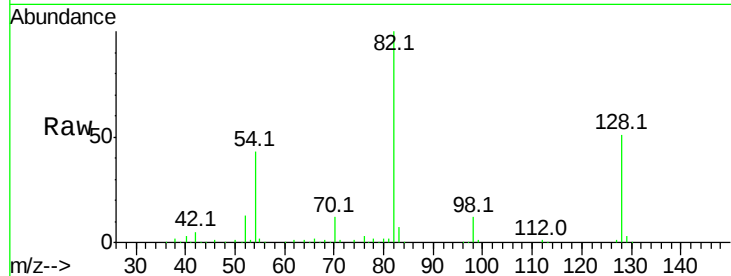
Tot Ion: 82 Resp: 352404

Ion Ratio Lower Upper

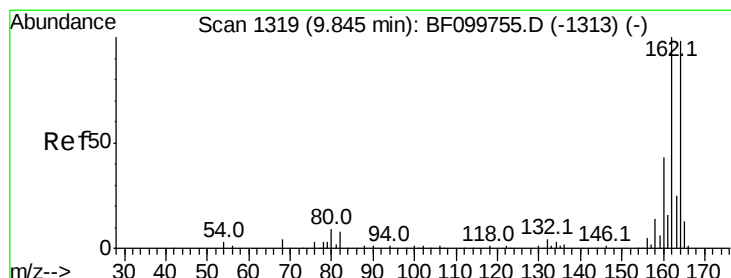
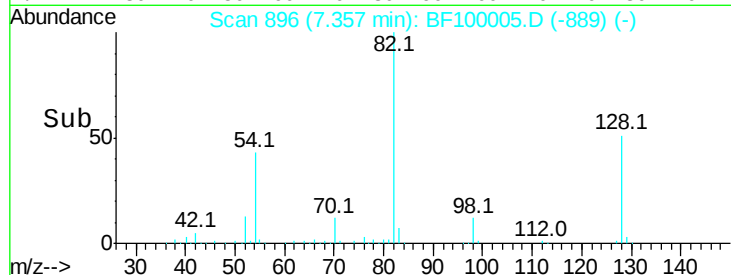
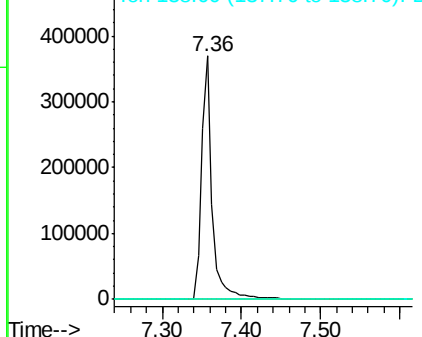
82 100

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# 1315

Delta R.T. -0.01 min

Lab File: BF100005.D

Acq: 31 Oct 2017 16:16

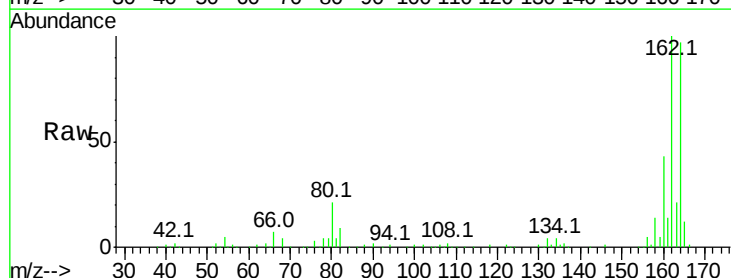
Tgt Ion:164 Resp: 183175

Ion Ratio Lower Upper

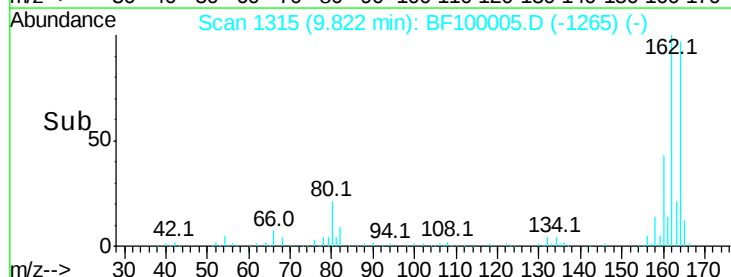
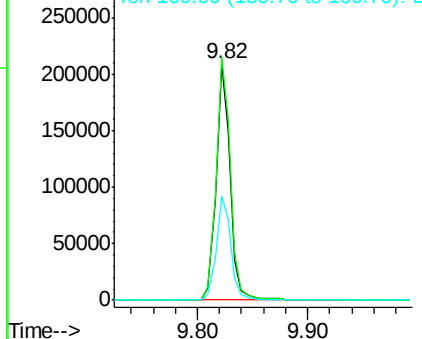
164 100

162 103.0 86.1 129.1

160 43.9 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

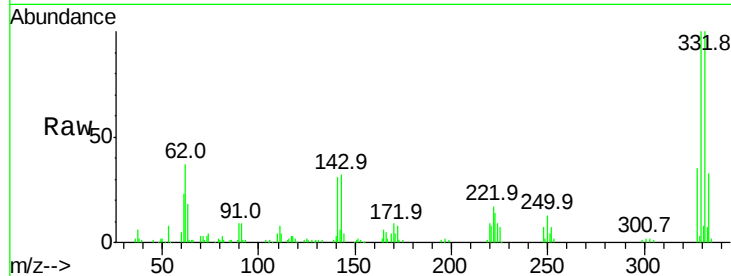




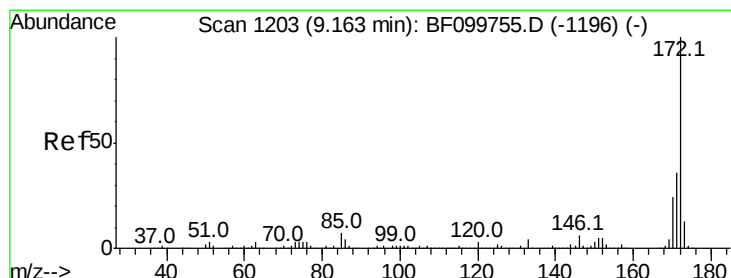
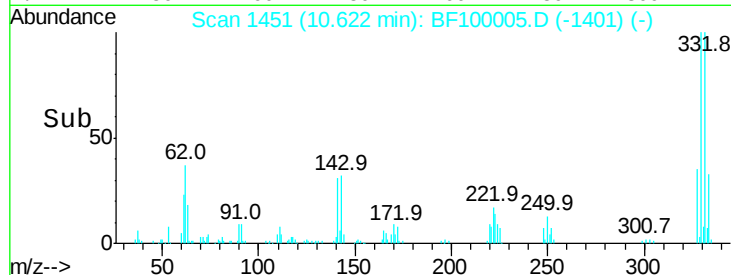
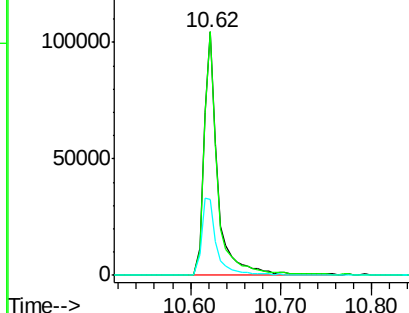
#41
 2,4,6-Tribromophenol
 Concen: 66.872 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100005.D
 Acq: 31 Oct 2017 16:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 111630
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.0 115.6
 141 35.6 29.9 44.9

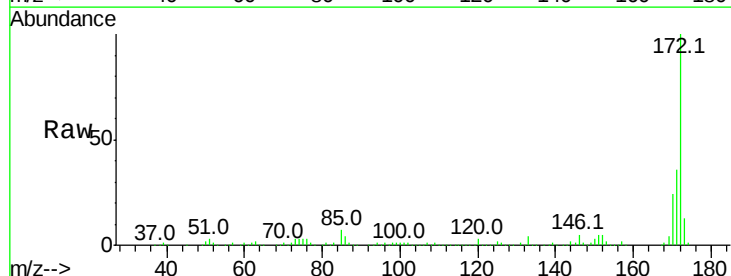


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

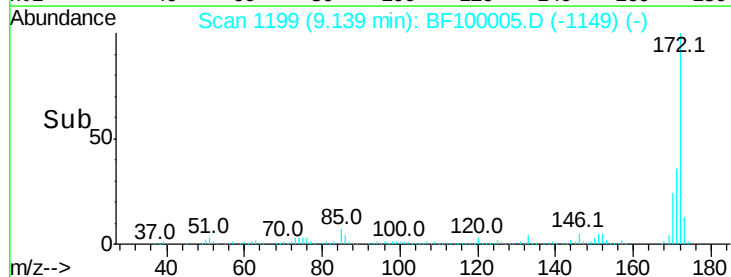
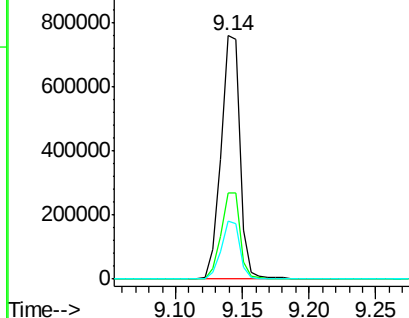


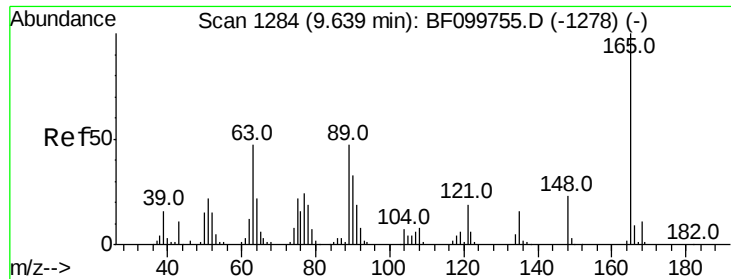
#44
 2-Fluorobiphenyl
 Concen: 65.276 ng
 RT: 9.14 min Scan# 1199
 Delta R.T. -0.01 min
 Lab File: BF100005.D
 Acq: 31 Oct 2017 16:16

Tgt Ion:172 Resp: 774992
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.6 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

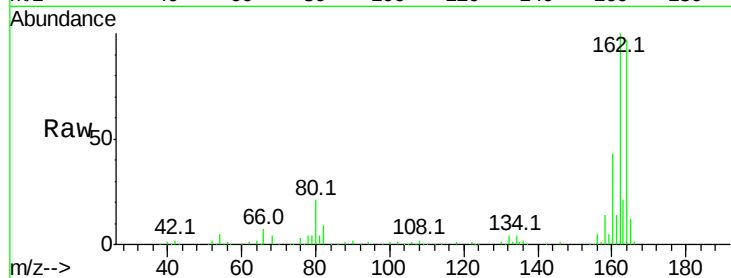




#50
2,6-Dinitrotoluene
Concen: 7.565 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.19 min
Lab File: BF100005.D
Acq: 31 Oct 2017 16:16

Instrument :
BNA_F
ClientSampleId :

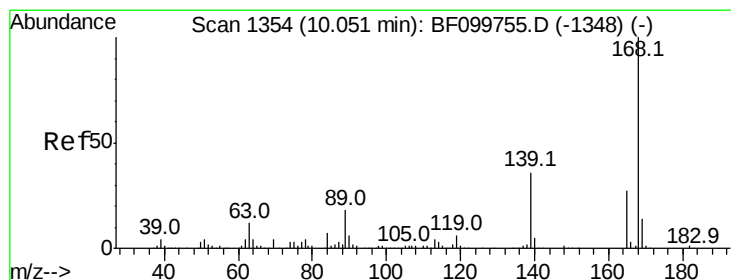
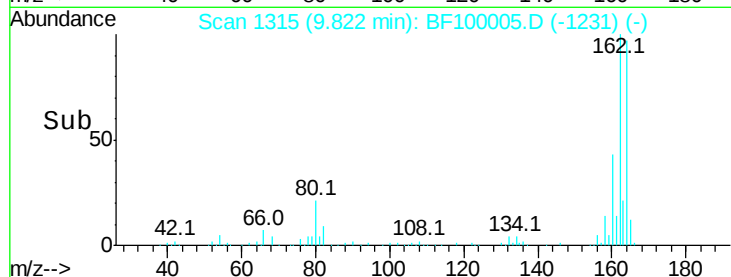
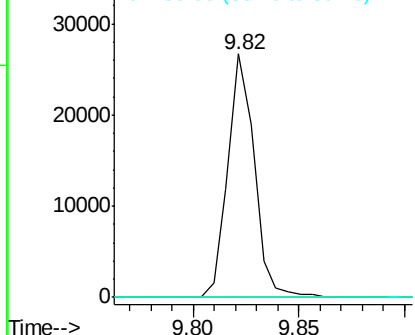
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

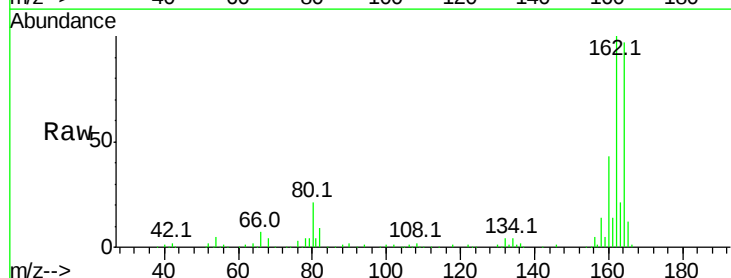
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
2,4-Dinitrotoluene
Concen: 6.282 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.22 min
Lab File: BF100005.D
Acq: 31 Oct 2017 16:16

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#

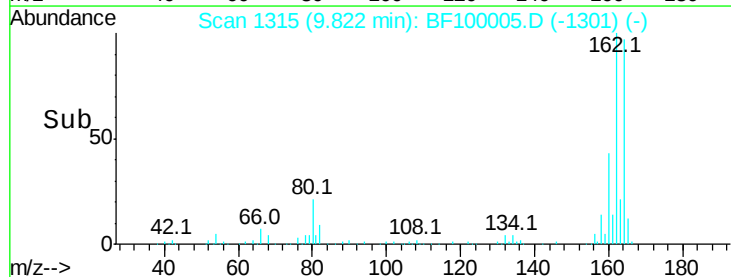
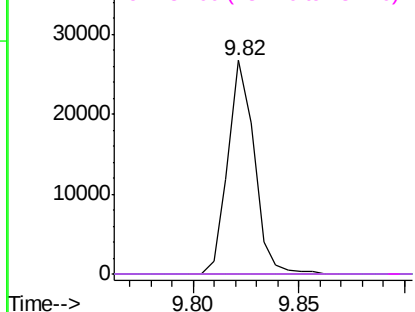


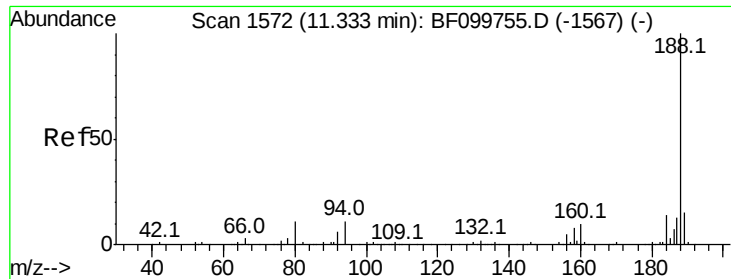
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E

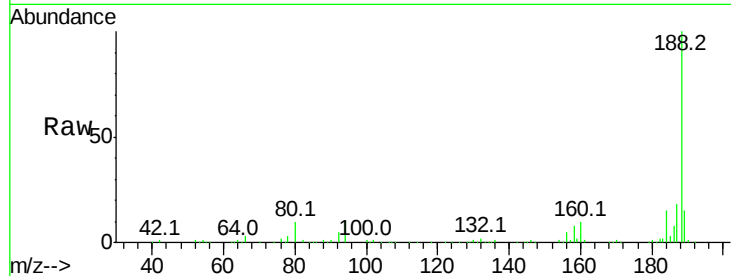




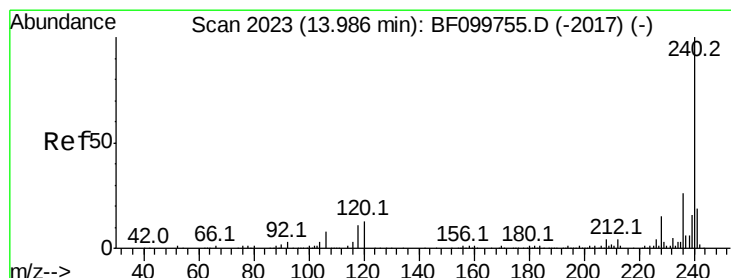
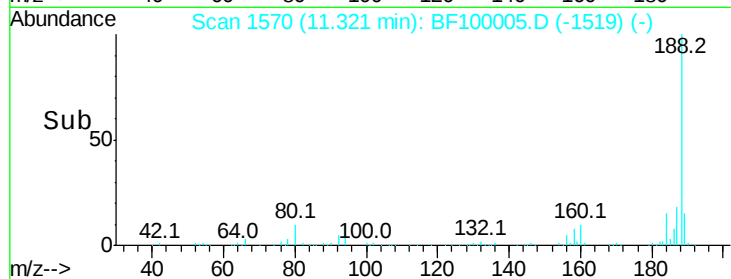
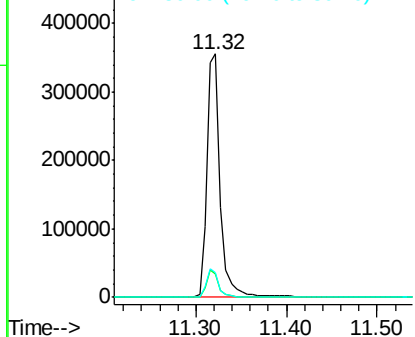
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100005.D
Acq: 31 Oct 2017 16:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 369566
Ion Ratio Lower Upper
188 100
94 9.6 8.5 12.7
80 9.9 9.2 13.8

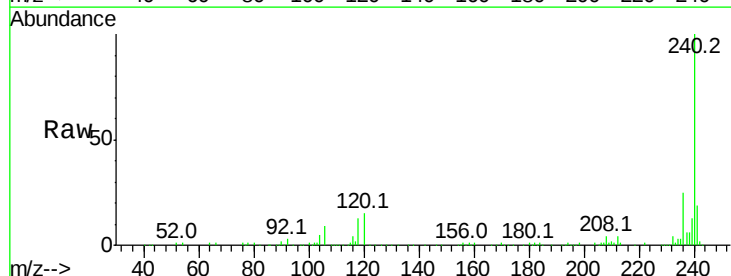


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

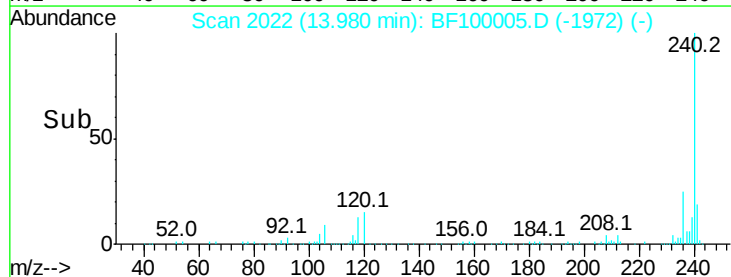
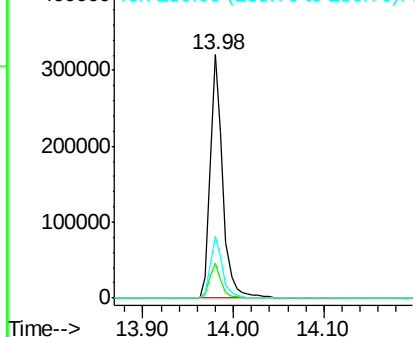


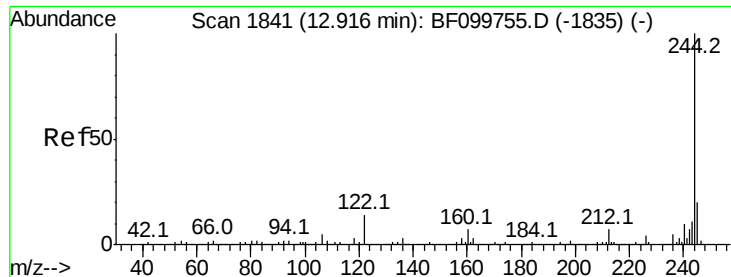
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100005.D
Acq: 31 Oct 2017 16:16

Tgt Ion:240 Resp: 313354
Ion Ratio Lower Upper
240 100
120 14.6 9.5 14.3#
236 25.3 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: 60.874 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF100005.D

Acq: 31 Oct 2017 16:16

Instrument :

BNA_F

ClientSampleId :

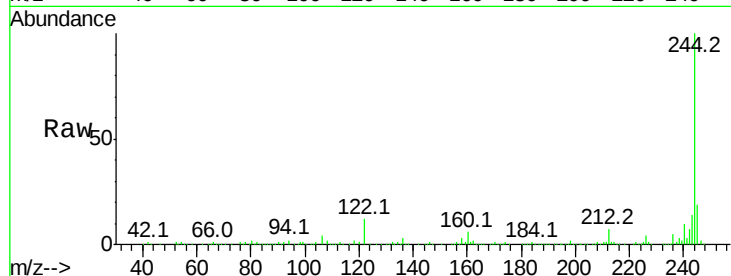
Tot Ion:244 Resp: 872849

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

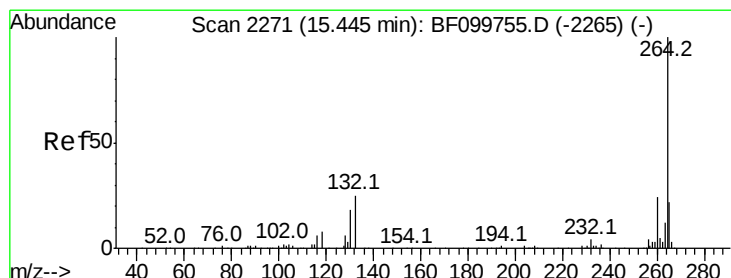
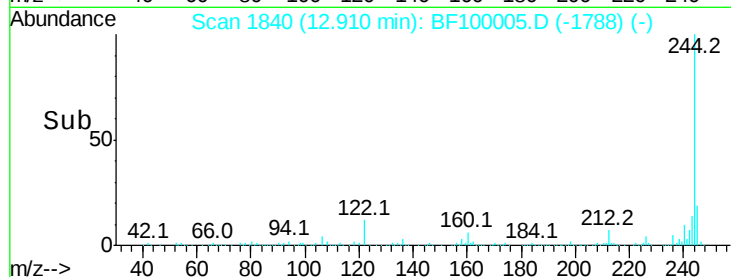
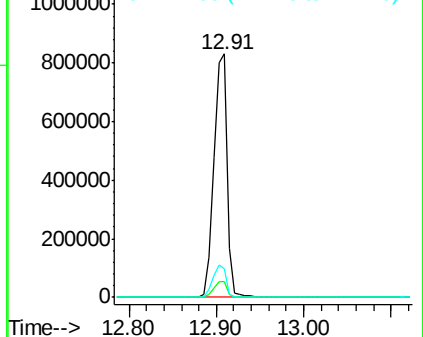
122 11.7 11.0 16.4



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: 15.47 min Scan# 2276

Delta R.T. 0.00 min

Lab File: BF100005.D

Acq: 31 Oct 2017 16:16

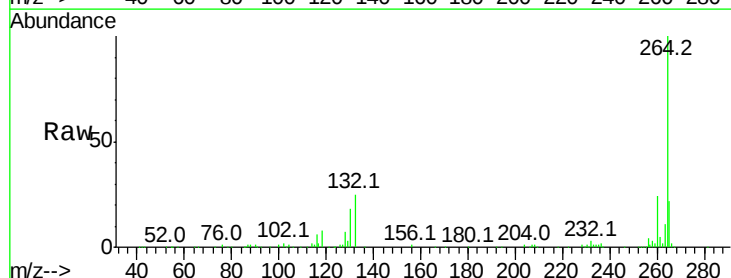
Tgt Ion:264 Resp: 239869

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

