

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100153.D
 Acq On : 3 Nov 2017 23:41
 Operator : SJ/JU
 Sample : I6189-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 04 00:36:10 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

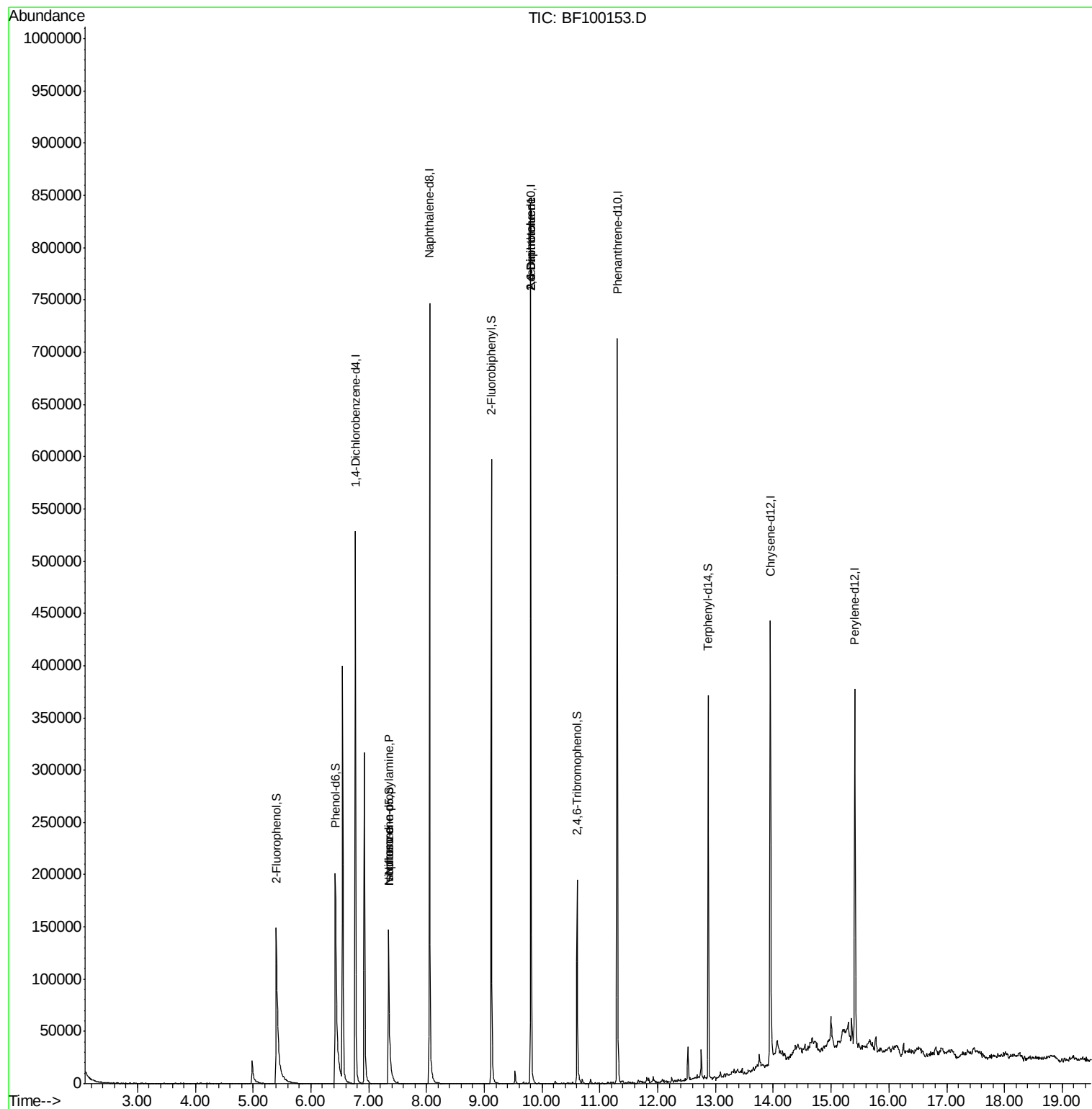
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	97382	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	389750	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	167647	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	265082	20.00	ng	0.00
75) Chrysene-d12	13.95	240	152850	20.00	ng	0.00
86) Perylene-d12	15.41	264	161792	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	130018	20.96	ng	0.01
7) Phenol-d6	6.42	99	163751	22.26	ng	0.00
23) Nitrobenzene-d5	7.35	82	86789	14.34	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	29731	19.46	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	192945	17.76	ng	0.00
78) Terphenyl-d14	12.87	244	110580	15.81	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	9998	2.320	ng	# 72
25) Isophorone	7.35	82	86789	7.901	ng	# 64
50) 2,6-Dinitrotoluene	9.80	165	21180	7.589	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	21180	6.301	ng	# 21

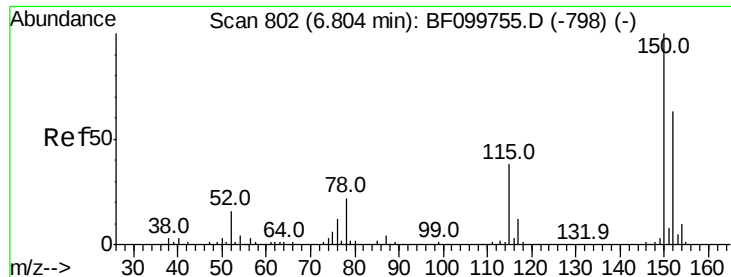
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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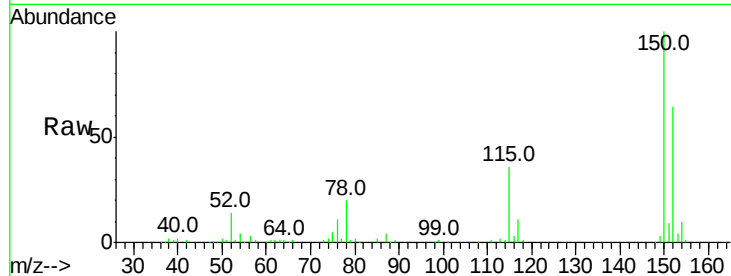


#1

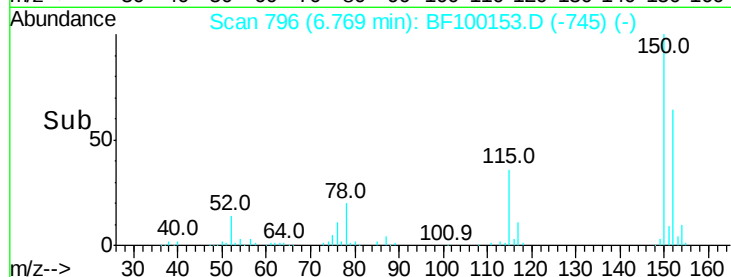
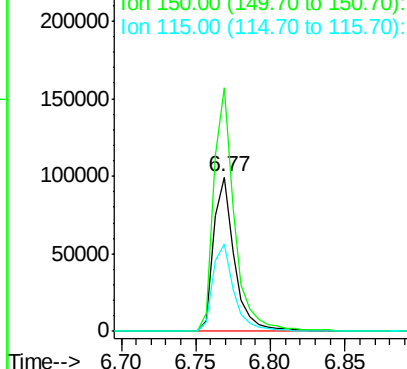
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100153.D
Acq: 3 Nov 2017 23:41

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97382
Ion Ratio Lower Upper
152 100
150 157.4 124.6 186.8
115 56.9 50.1 75.1



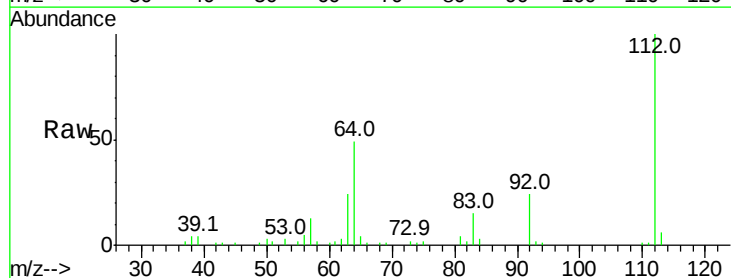
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



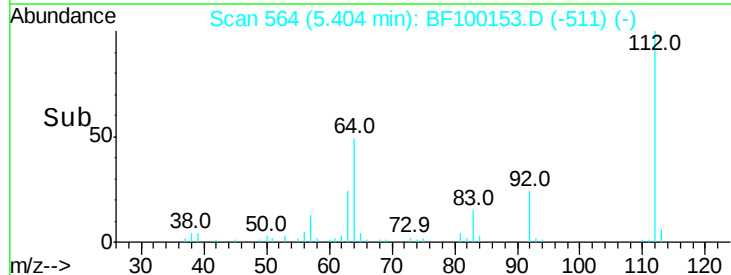
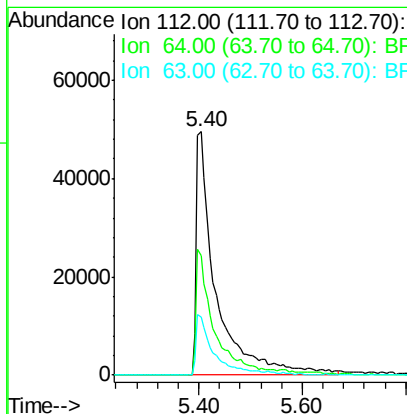
#5

2-Fluorophenol
Concen: 20.961 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100153.D
Acq: 3 Nov 2017 23:41

Tgt Ion:112 Resp: 130018
Ion Ratio Lower Upper
112 100
64 49.1 47.9 71.9
63 23.7 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: 22.265 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100153.D

Acq: 3 Nov 2017 23:41

Instrument :

BNA_F

ClientSampleId :

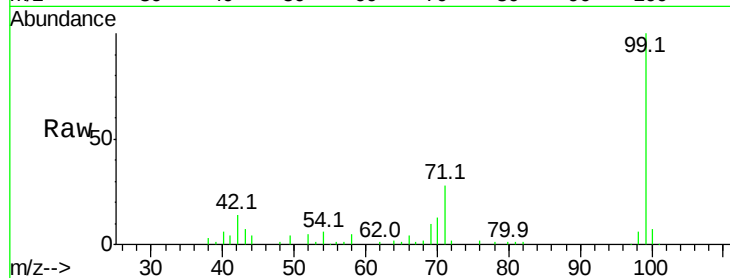
Tot Ion: 99 Resp: 163751

Ion Ratio Lower Upper

99 100

42 13.6 14.5 21.7#

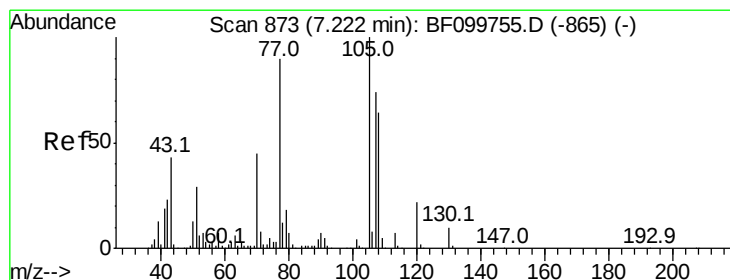
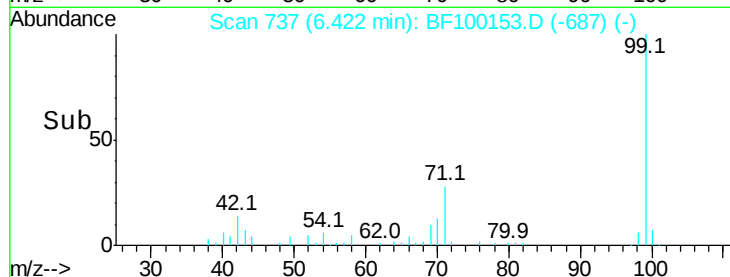
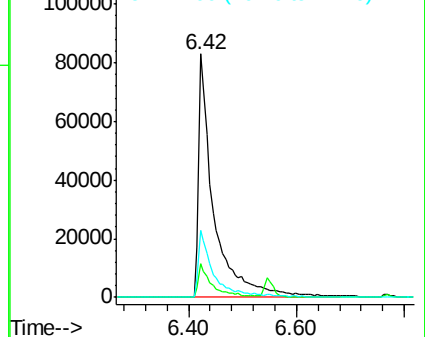
71 27.5 25.4 38.0



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: 2.320 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.15 min

Lab File: BF100153.D

Acq: 3 Nov 2017 23:41

Tgt Ion: 70 Resp: 9998

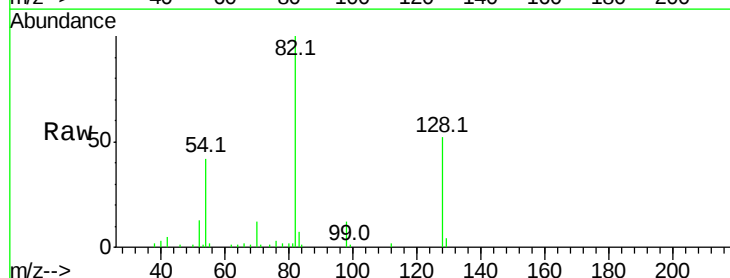
Ion Ratio Lower Upper

70 100

42 42.8 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

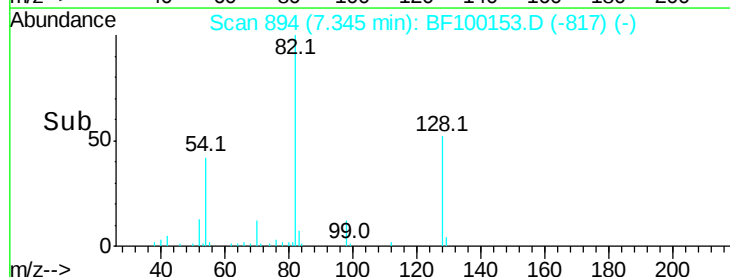
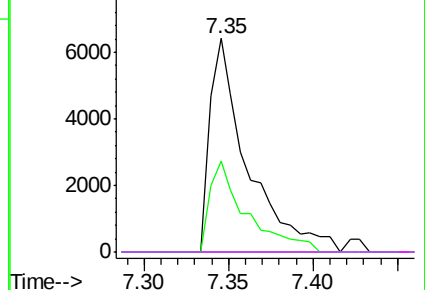


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

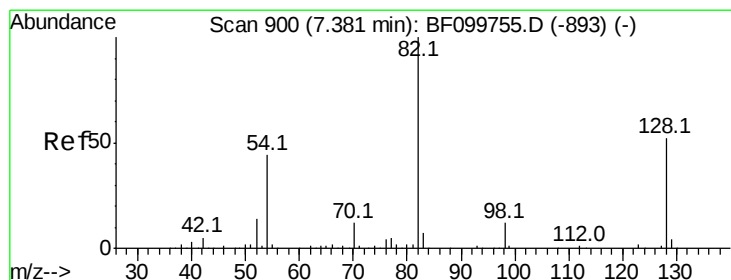
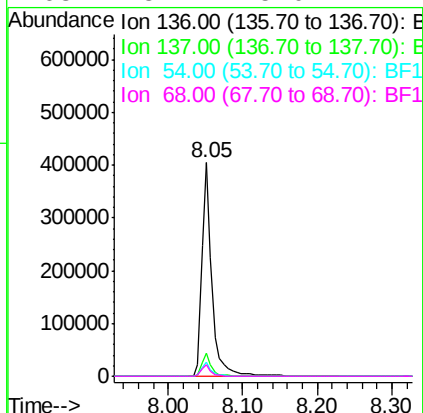
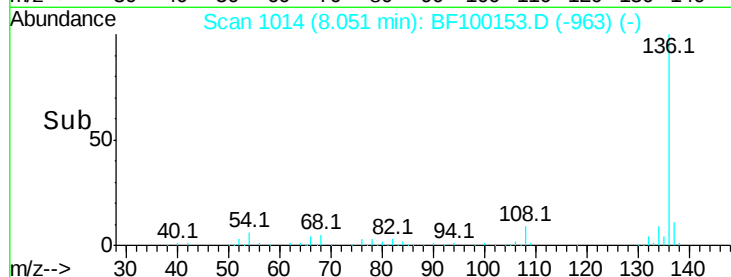
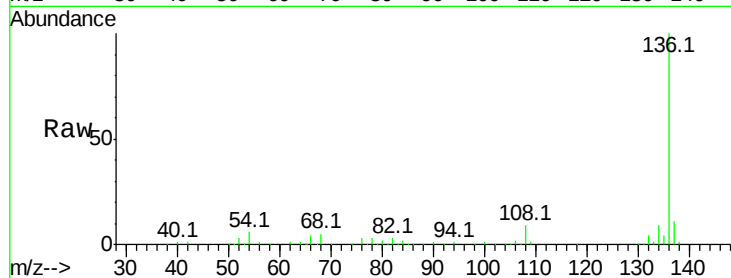




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF100153.D
Acq: 3 Nov 2017 23:41

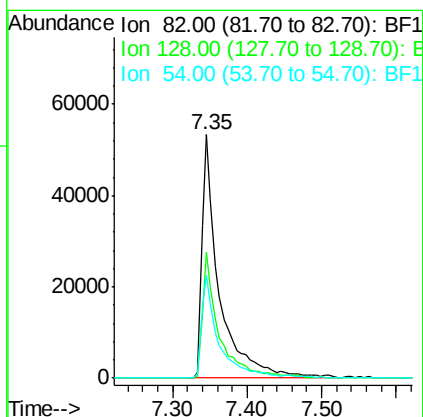
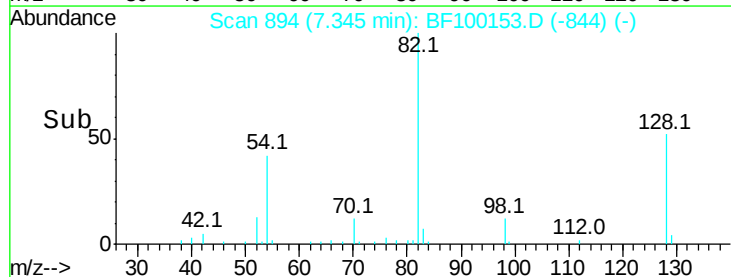
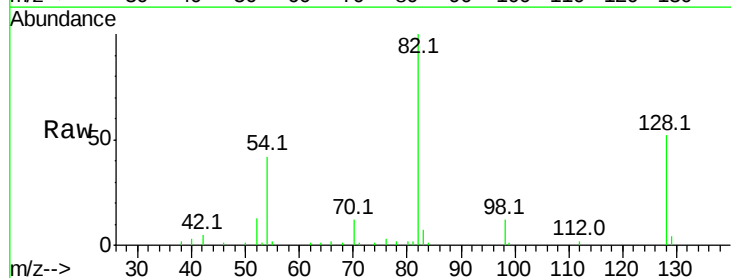
Instrument :
BNA_F
ClientSampleId :

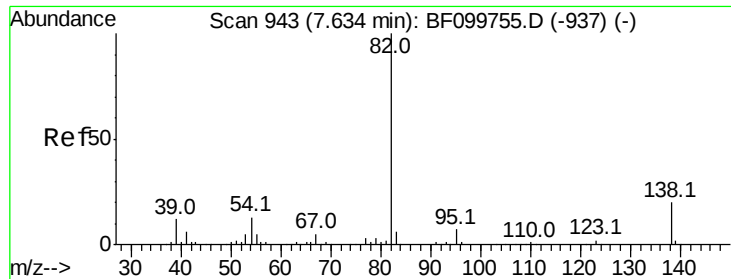
Tot Ion:	136	Resp:	389750
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	6.4	6.6	9.8#
68	5.4	5.0	7.4



#23
Nitrobenzene-d5
Concen: 14.336 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF100153.D
Acq: 3 Nov 2017 23:41

Tgt Ion:	82	Resp:	86789
Ion	Ratio	Lower	Upper
82	100		
128	51.6	36.1	54.1
54	42.5	41.4	62.2

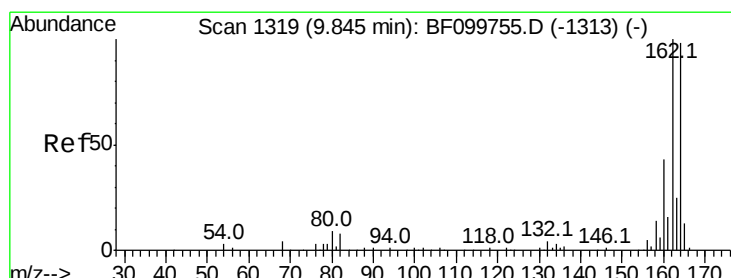
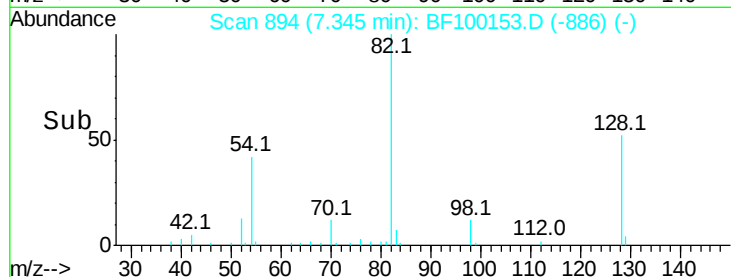
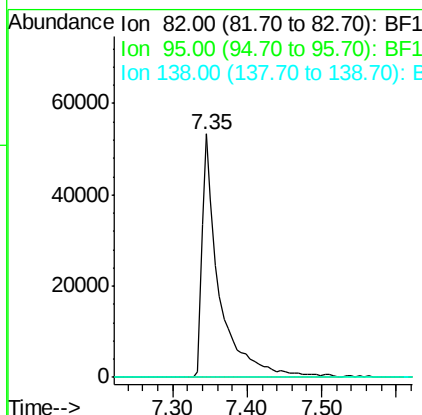
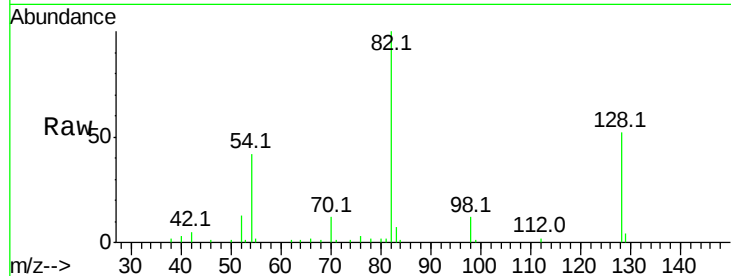




#25
Isophorone
Concen: 7.901 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.25 min
Lab File: BF100153.D
Acq: 3 Nov 2017 23:41

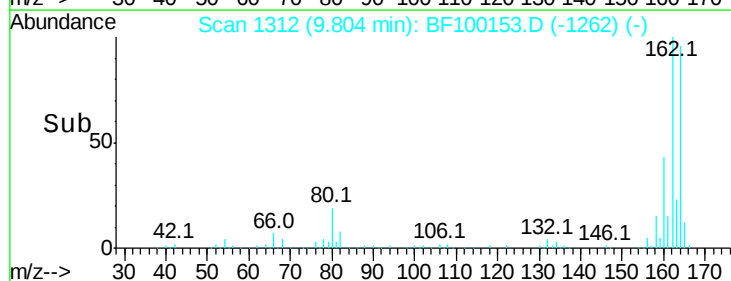
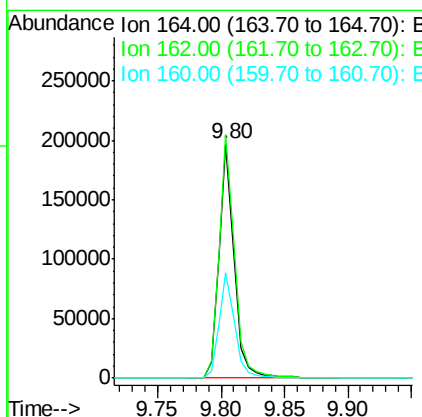
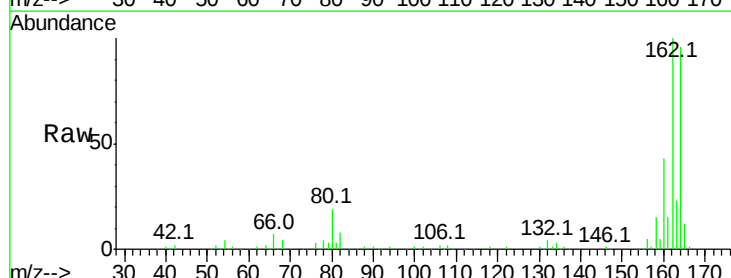
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 86789
Ion Ratio Lower Upper
82 100
95 0.0 5.2 7.8#
138 0.0 14.9 22.3#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100153.D
Acq: 3 Nov 2017 23:41

Tgt Ion:164 Resp: 167647
Ion Ratio Lower Upper
164 100
162 104.1 86.1 129.1
160 45.2 38.3 57.5

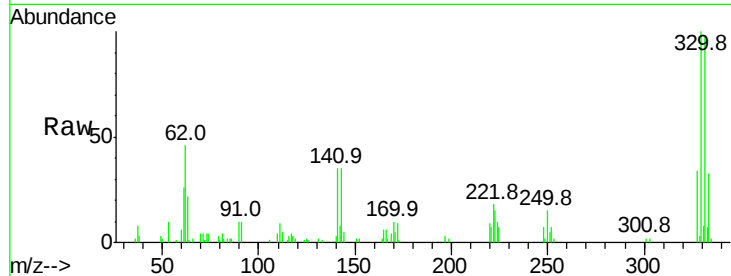




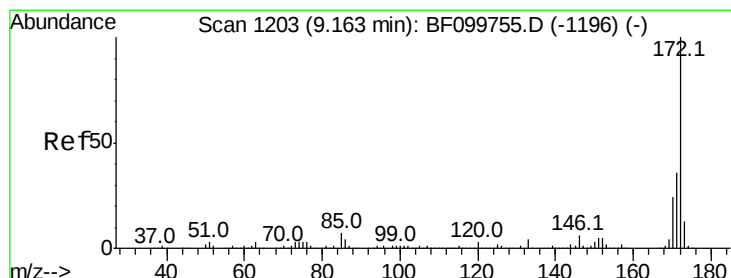
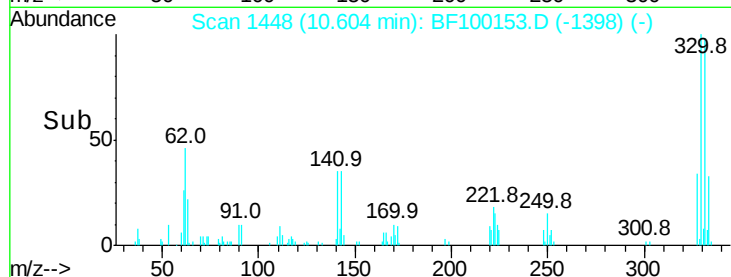
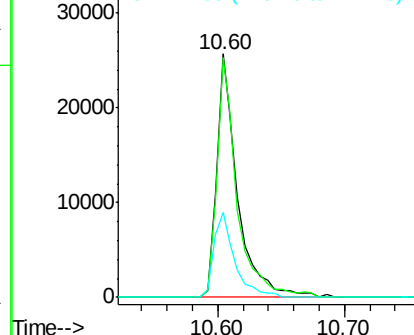
#41
 2,4,6-Tribromophenol
 Concen: 19.460 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100153.D
 Acq: 3 Nov 2017 23:41

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 29731
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 35.0 29.9 44.9

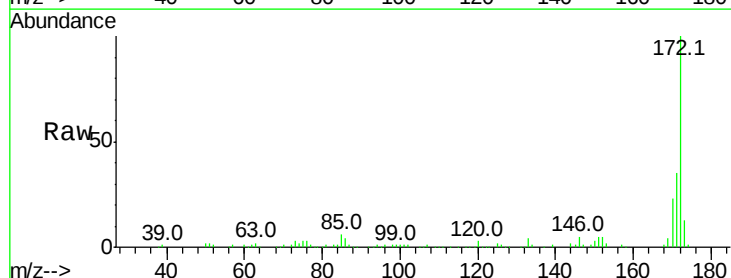


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

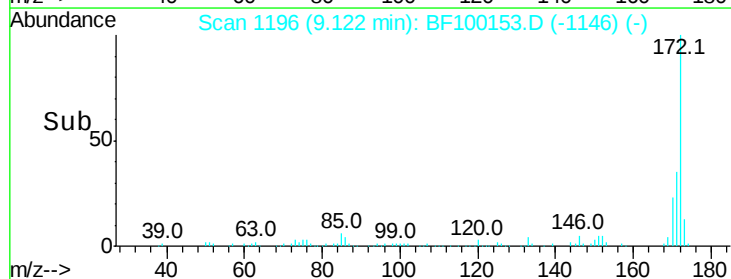
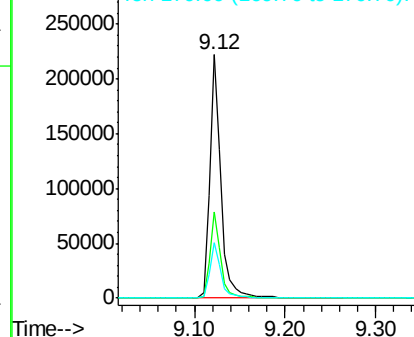


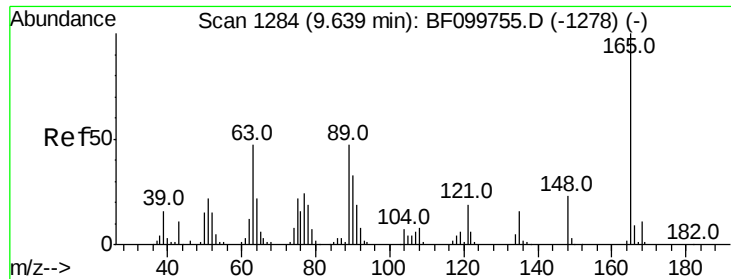
#44
 2-Fluorobiphenyl
 Concen: 17.757 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100153.D
 Acq: 3 Nov 2017 23:41

Tgt Ion:172 Resp: 192945
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.7 44.5
 170 23.0 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

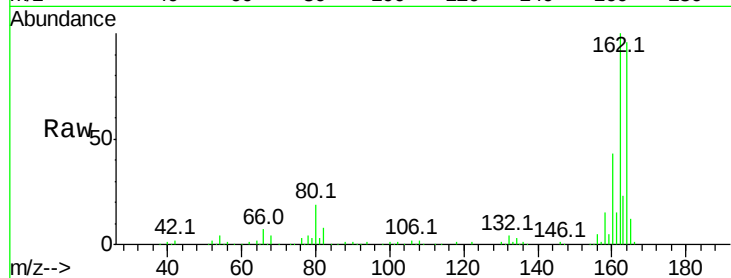




#50
 2,6-Dinitrotoluene
 Concen: 7.589 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. 0.19 min
 Lab File: BF100153.D
 Acq: 3 Nov 2017 23:41

Instrument :
 BNA_F
 ClientSampleId :

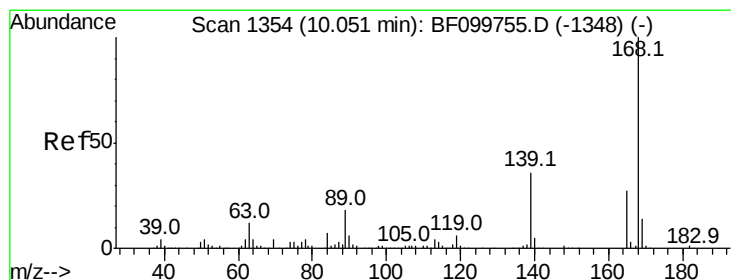
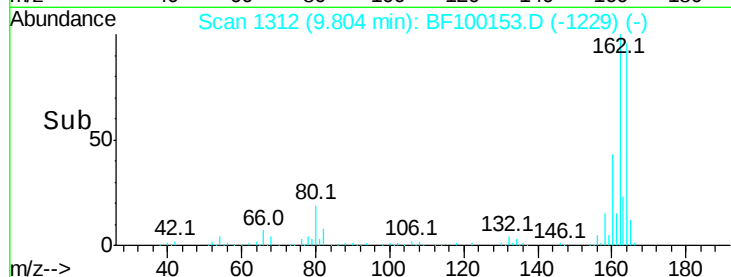
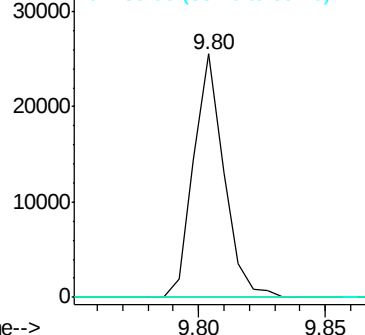
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

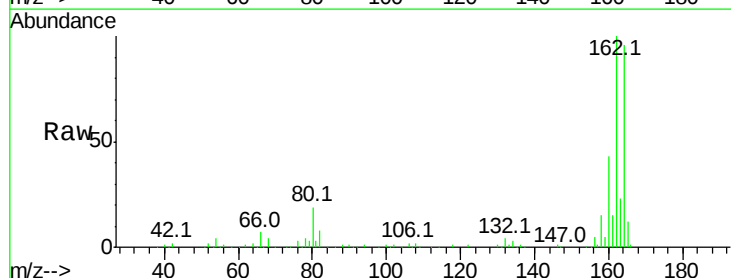
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#56
 2,4-Dinitrotoluene
 Concen: 6.301 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.22 min
 Lab File: BF100153.D
 Acq: 3 Nov 2017 23:41

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#

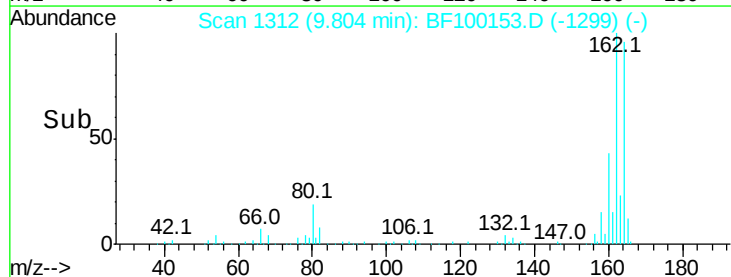
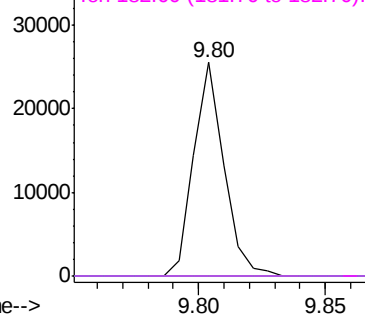


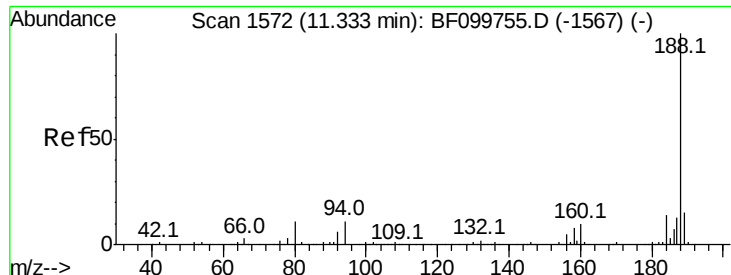
Abundance Ion 165.00 (164.70 to 165.70): E

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

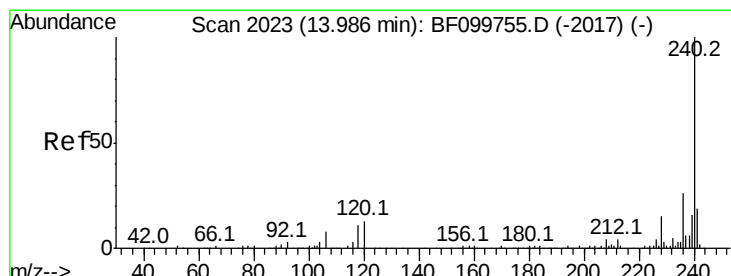
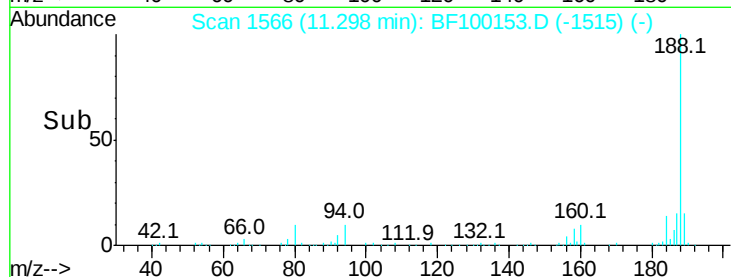
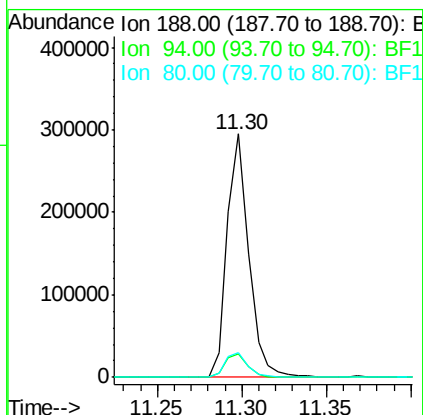
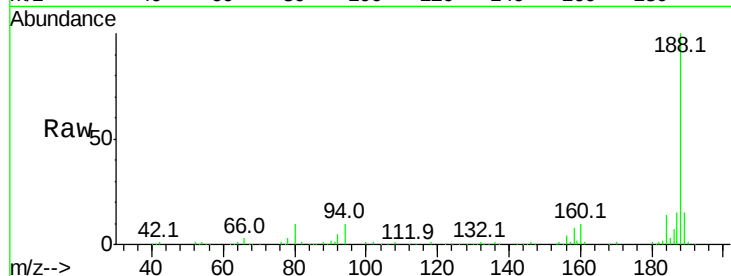




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF100153.D
Acq: 3 Nov 2017 23:41

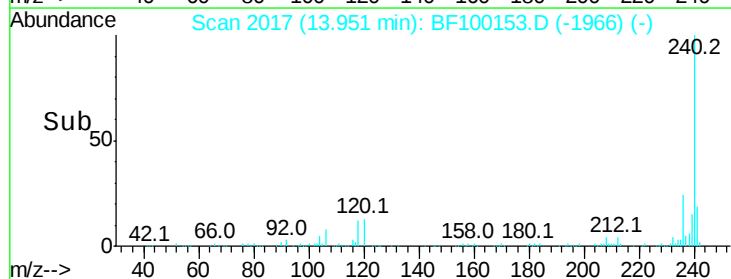
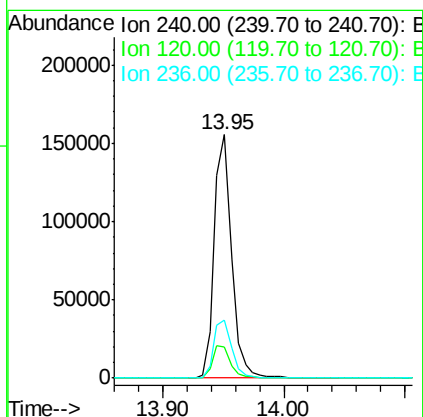
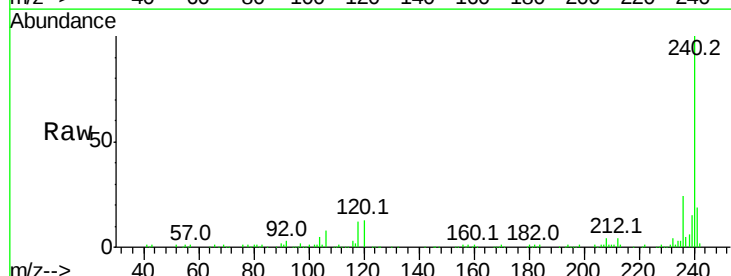
Instrument :
BNA_F
ClientSampleId :

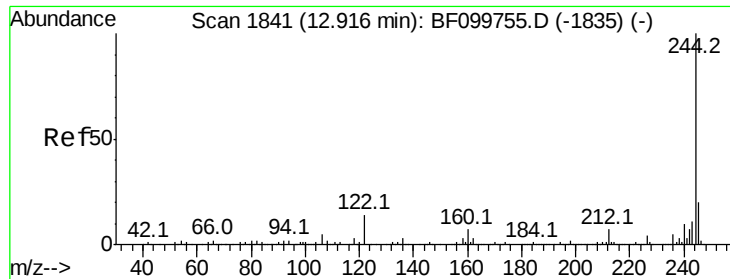
Tot Ion:188 Resp: 265082
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 10.0 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF100153.D
Acq: 3 Nov 2017 23:41

Tgt Ion:240 Resp: 152850
Ion Ratio Lower Upper
240 100
120 12.6 9.5 14.3
236 23.9 20.7 31.1





#78

Terphenyl-d14

Concen: 15.810 ng

RT: 12.87 min Scan# 1834

Delta R.T. -0.01 min

Lab File: BF100153.D

Acq: 3 Nov 2017 23:41

Instrument :

BNA_F

ClientSampleId :

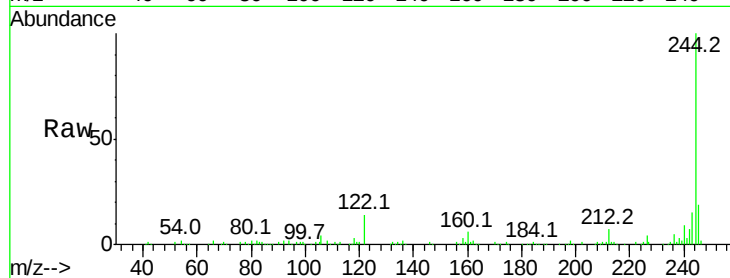
Tot Ion:244 Resp: 110580

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

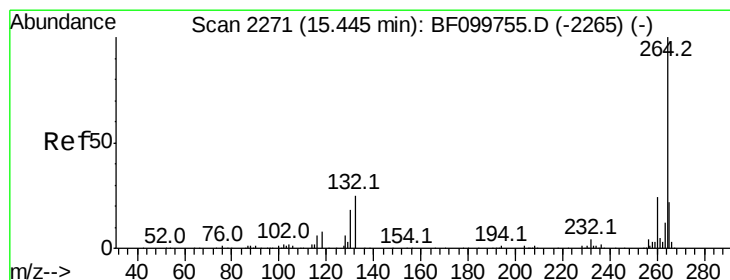
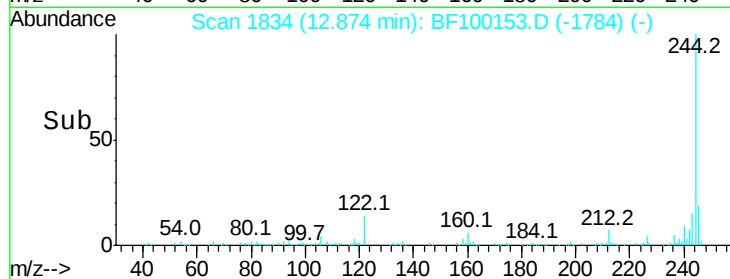
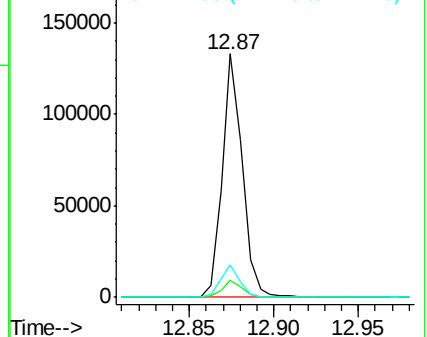
122 13.5 11.0 16.4



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: BF100153.D

Acq: 3 Nov 2017 23:41

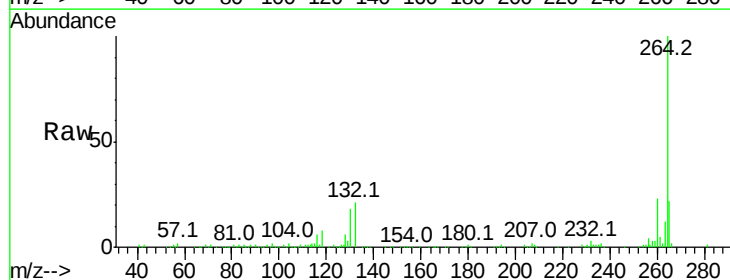
Tgt Ion:264 Resp: 161792

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.6 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

