

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100154.D
 Acq On : 4 Nov 2017 00:08
 Operator : SJ/JU
 Sample : I6079-07 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 04 00:36:31 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

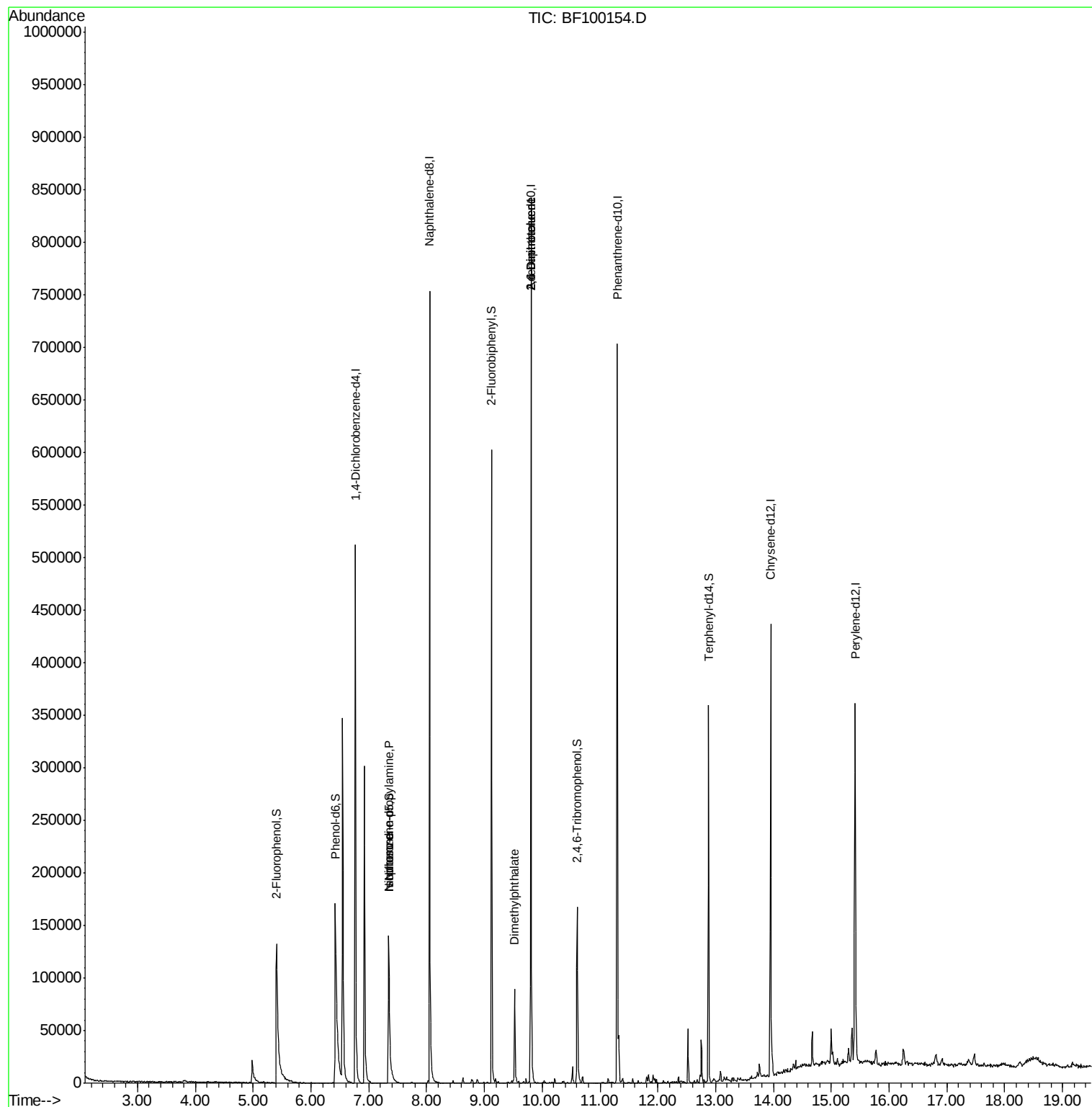
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	97370	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	392846	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	167305	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	261505	20.00	ng	0.00
75) Chrysene-d12	13.95	240	153233	20.00	ng	0.00
86) Perylene-d12	15.41	264	160969	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	109787	17.70	ng	0.01
7) Phenol-d6	6.43	99	147504	20.06	ng	0.00
23) Nitrobenzene-d5	7.35	82	80687	13.22	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	25230	16.55	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	181917	16.78	ng	0.00
78) Terphenyl-d14	12.87	244	105297	15.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	9837	2.283	ng	# 72
25) Isophorone	7.35	82	80687	7.287	ng	# 64
49) Dimethylphthalate	9.52	163	48974	3.696	ng	# 98
50) 2,6-Dinitrotoluene	9.80	165	21715	7.796	ng	# 24
56) 2,4-Dinitrotoluene	9.80	165	21715	6.474	ng	# 22

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

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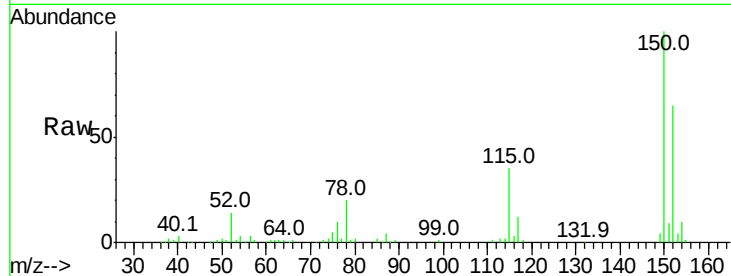


#1

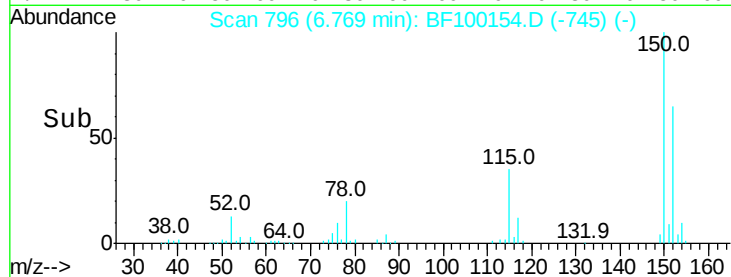
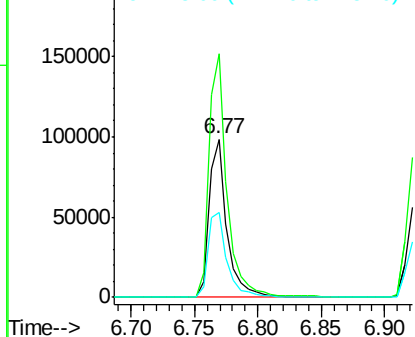
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100154.D
Acq: 4 Nov 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 97370
Ion Ratio Lower Upper
152 100
150 154.2 124.6 186.8
115 54.2 50.1 75.1



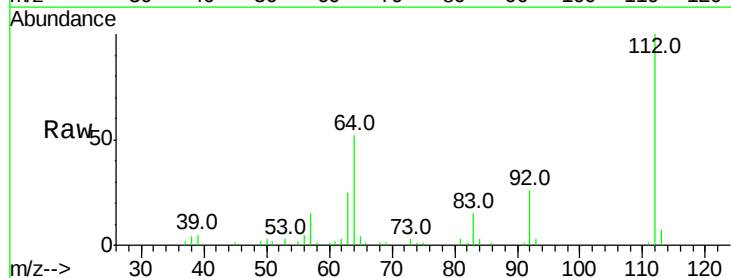
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



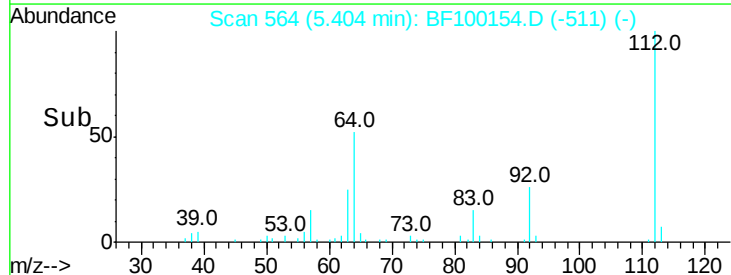
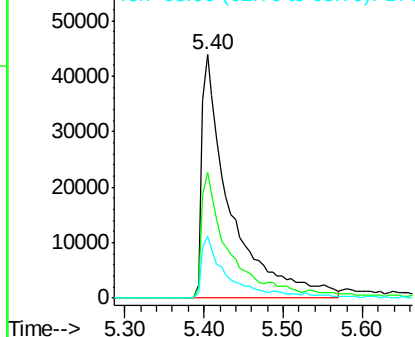
#5

2-Fluorophenol
Concen: 17.702 ng
RT: 5.40 min Scan# 564
Delta R.T. 0.01 min
Lab File: BF100154.D
Acq: 4 Nov 2017 00:08

Tgt Ion:112 Resp: 109787
Ion Ratio Lower Upper
112 100
64 51.5 47.9 71.9
63 25.2 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: 20.058 ng

RT: 6.43 min Scan# 738

Delta R.T. 0.00 min

Lab File: BF100154.D

Acq: 4 Nov 2017 00:08

Instrument :

BNA_F

ClientSampled :

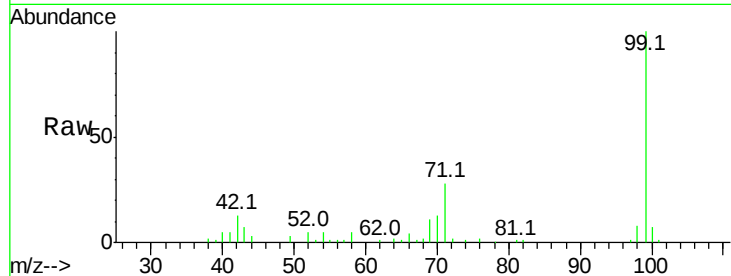
Tot Ion: 99 Resp: 147504

Ion Ratio Lower Upper

99 100

42 13.5 14.5 21.7#

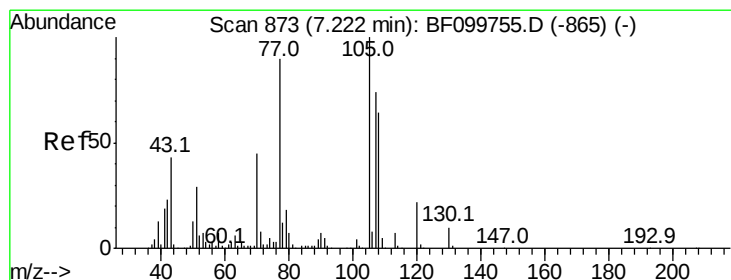
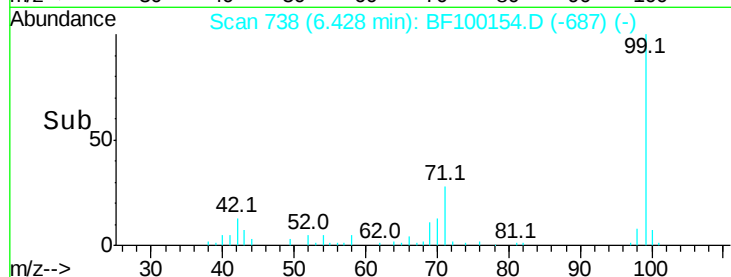
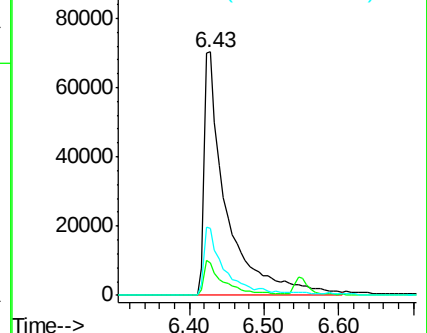
71 27.7 25.4 38.0



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: 2.283 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.15 min

Lab File: BF100154.D

Acq: 4 Nov 2017 00:08

Tgt Ion: 70 Resp: 9837

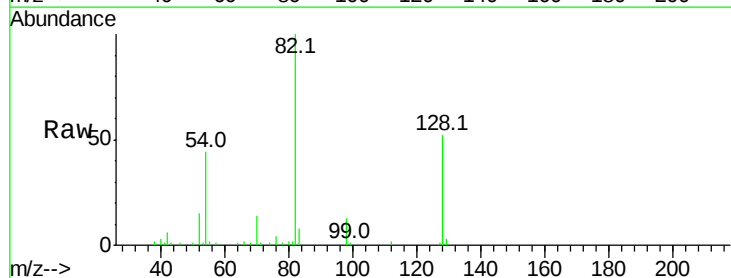
Ion Ratio Lower Upper

70 100

42 42.6 47.5 71.3#

101 0.0 7.4 11.2#

130 0.0 16.6 25.0#

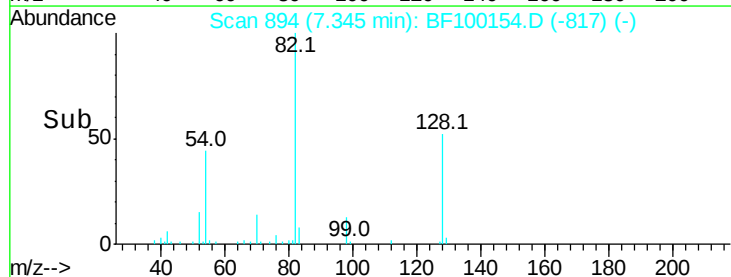
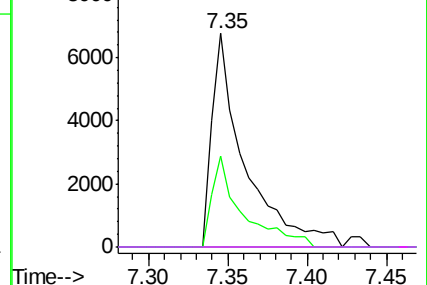


Abundance Ion 70.00 (69.70 to 70.70): BF1

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

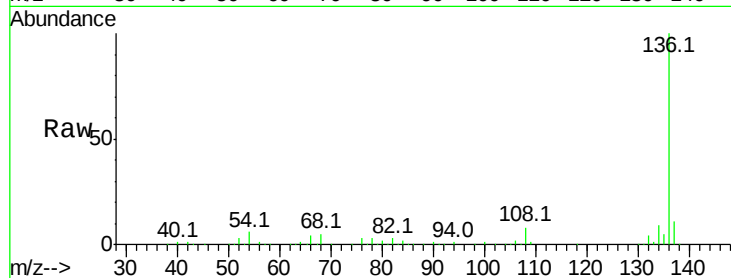




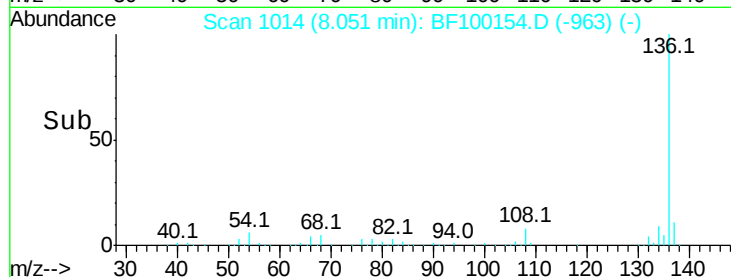
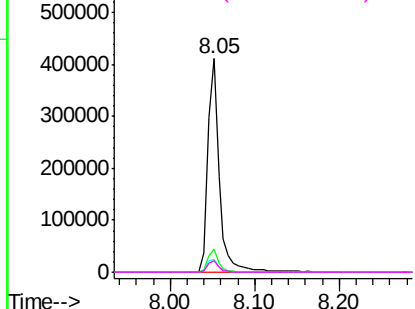
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.00 min
Lab File: BF100154.D
Acq: 4 Nov 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	392846
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.9	13.3
54	5.7	6.6	9.8#
68	5.3	5.0	7.4

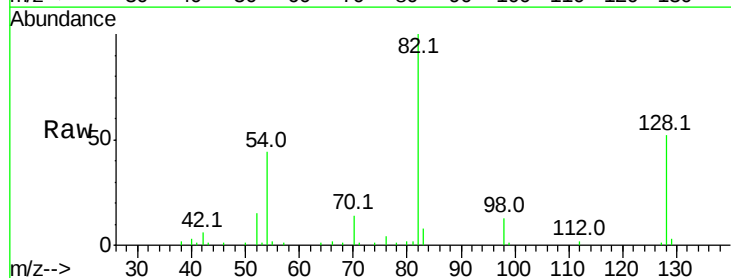


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

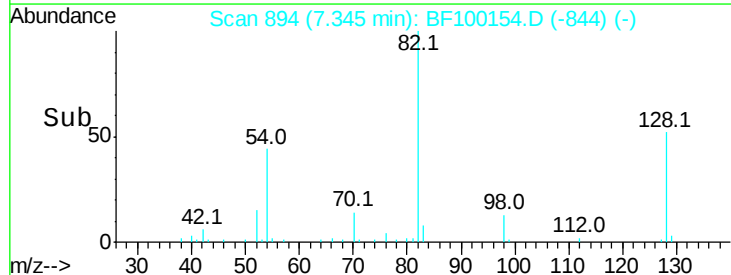
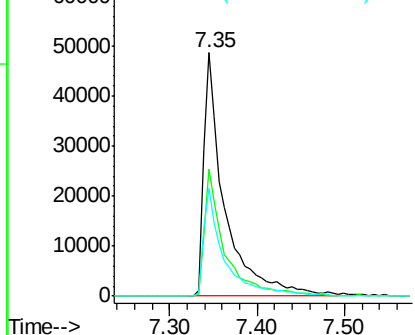


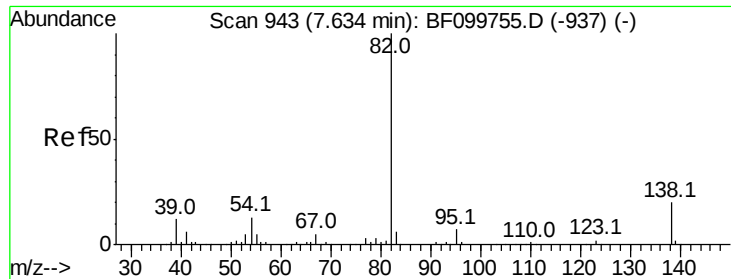
#23
Nitrobenzene-d5
Concen: 13.223 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF100154.D
Acq: 4 Nov 2017 00:08

Tgt Ion:	82	Resp:	80687
Ion	Ratio	Lower	Upper
82	100		
128	52.2	36.1	54.1
54	44.3	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: 7.287 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.25 min

Lab File: BF100154.D

Acq: 4 Nov 2017 00:08

Instrument :

BNA_F

ClientSampleId :

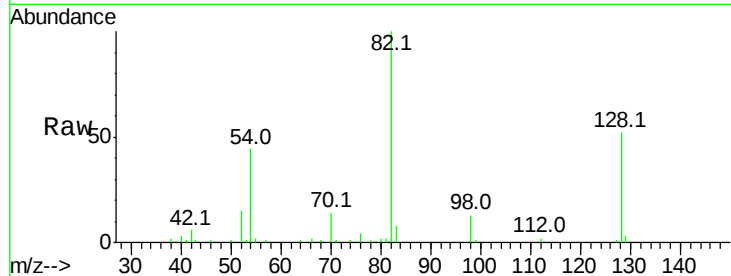
Tot Ion: 82 Resp: 80687

Ion Ratio Lower Upper

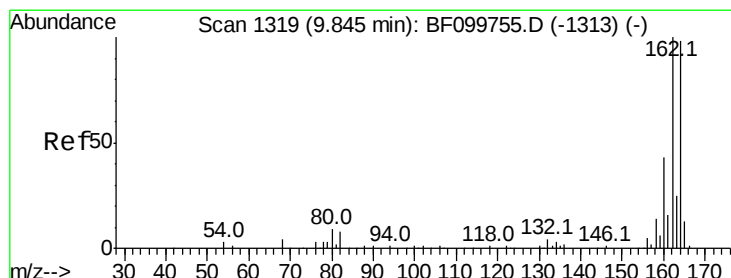
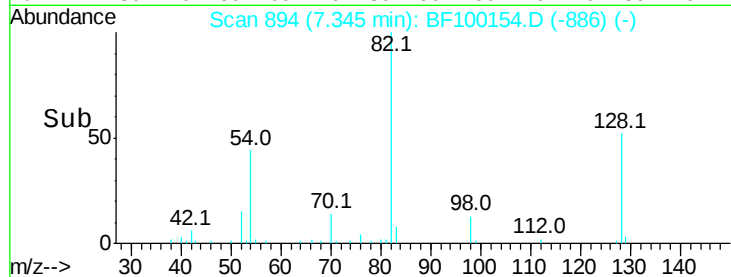
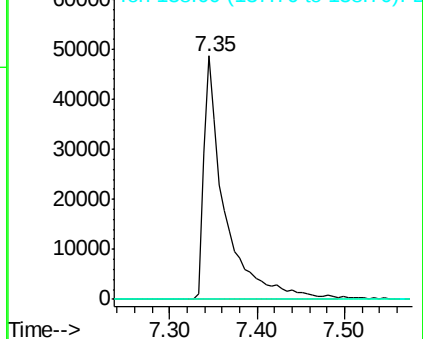
82 100

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: BF100154.D

Acq: 4 Nov 2017 00:08

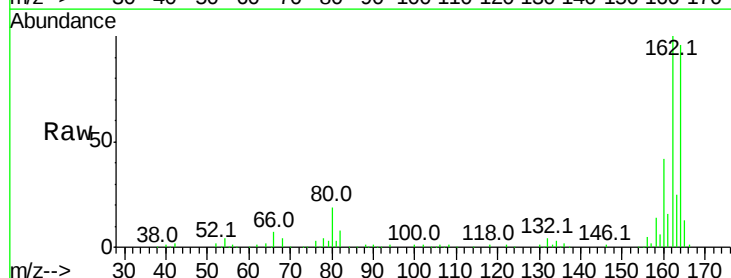
Tgt Ion:164 Resp: 167305

Ion Ratio Lower Upper

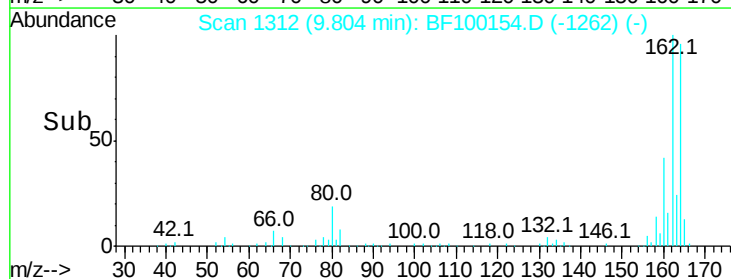
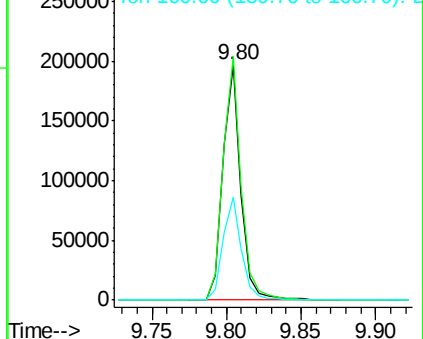
164 100

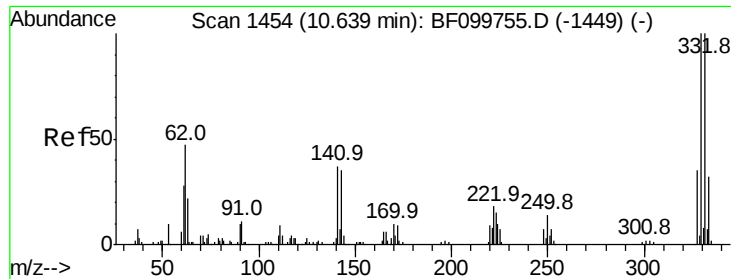
162 103.7 86.1 129.1

160 44.1 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

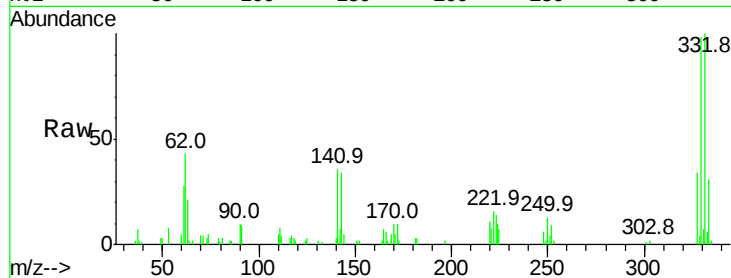




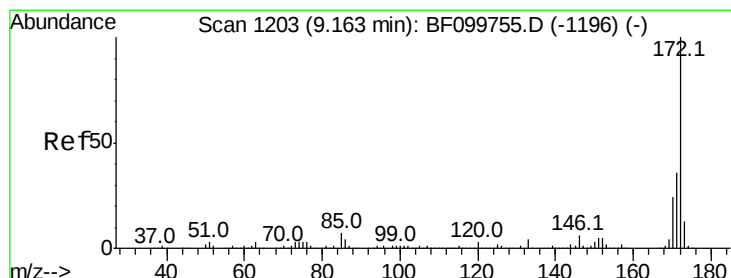
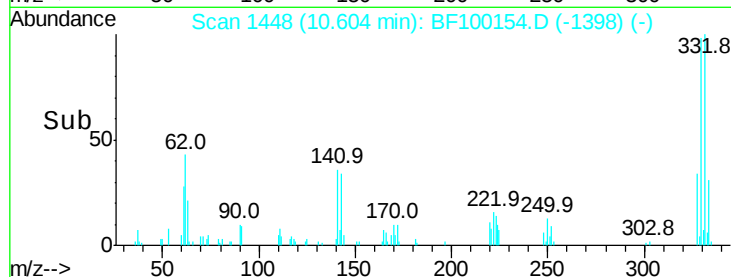
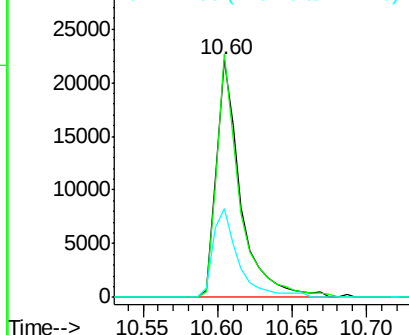
#41
 2,4,6-Tribromophenol
 Concen: 16.548 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100154.D
 Acq: 4 Nov 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 25230
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 38.6 29.9 44.9

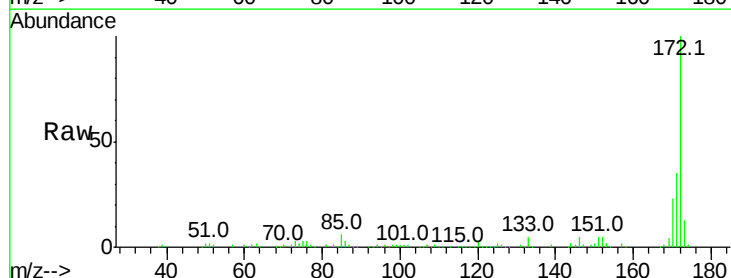


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

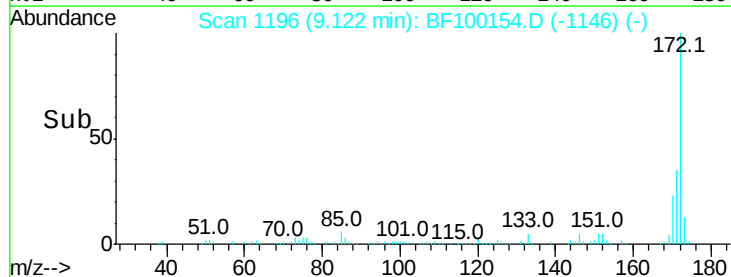
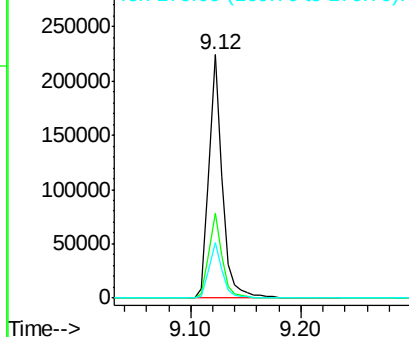


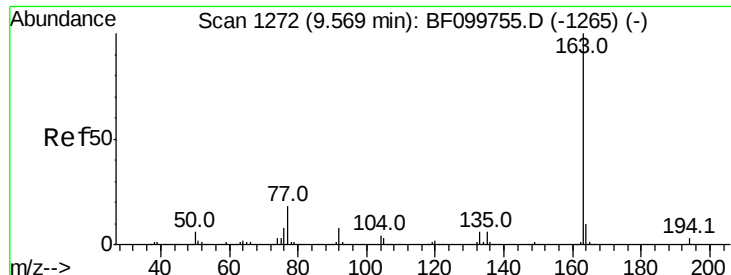
#44
 2-Fluorobiphenyl
 Concen: 16.776 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100154.D
 Acq: 4 Nov 2017 00:08

Tgt Ion:172 Resp: 181917
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.7 44.5
 170 22.8 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

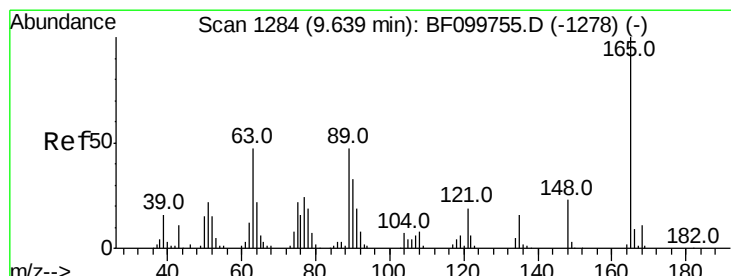
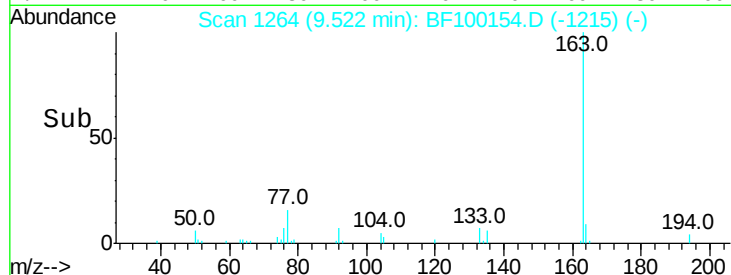
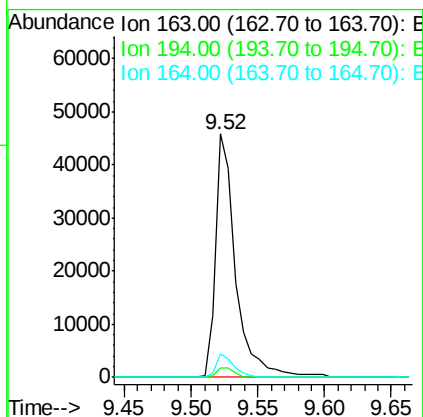
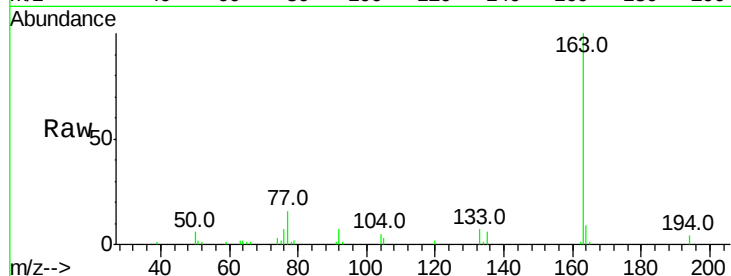




#49
Dimethylphthalate
Concen: 3.696 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF100154.D
Acq: 4 Nov 2017 00:08

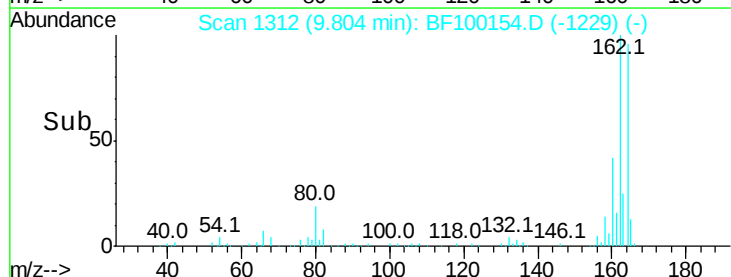
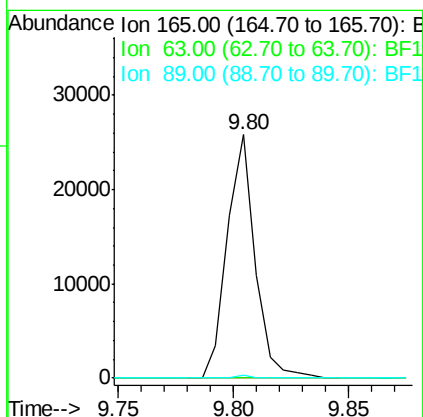
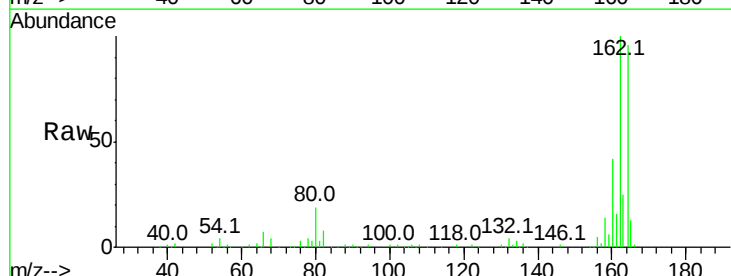
Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 48974
Ion Ratio Lower Upper
163 100
194 3.9 2.7 4.1
164 9.4 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 7.796 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF100154.D
Acq: 4 Nov 2017 00:08

Tgt Ion:165 Resp: 21715
Ion Ratio Lower Upper
165 100
63 0.0 44.7 67.1#
89 1.3 44.0 66.0#

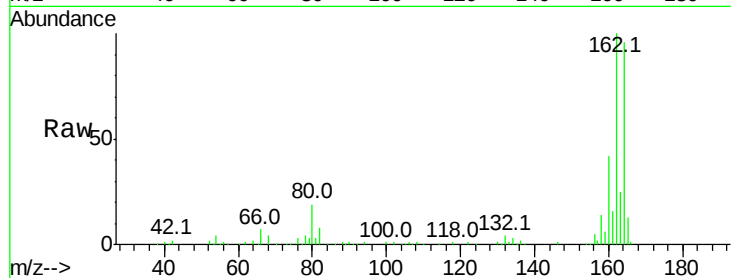




#56
 2,4-Dinitrotoluene
 Concen: 6.474 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.22 min
 Lab File: BF100154.D
 Acq: 4 Nov 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	21715
Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.3	57.8	86.6#
182	0.0	1.6	2.4#

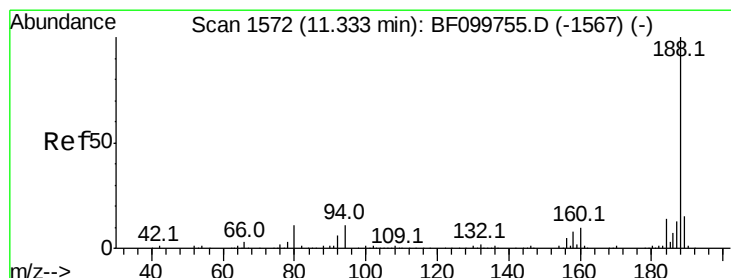
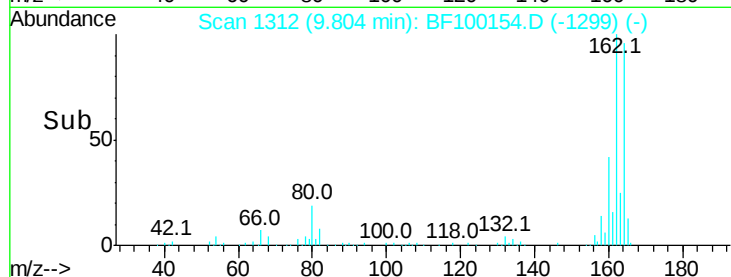
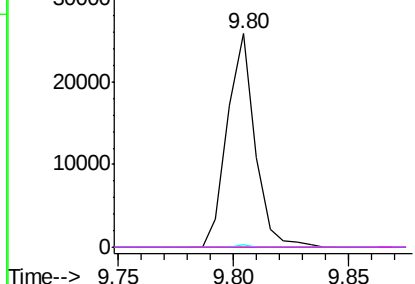


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

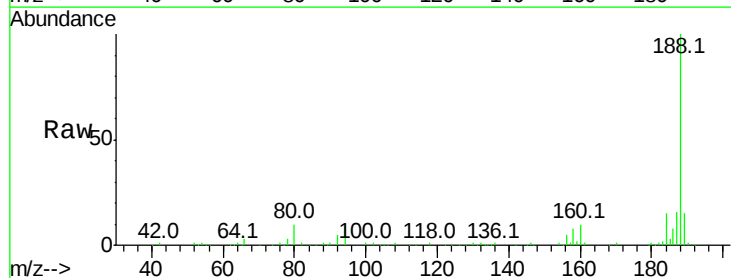
Ion 89.00 (88.70 to 89.70): BF1

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: BF100154.D
 Acq: 4 Nov 2017 00:08

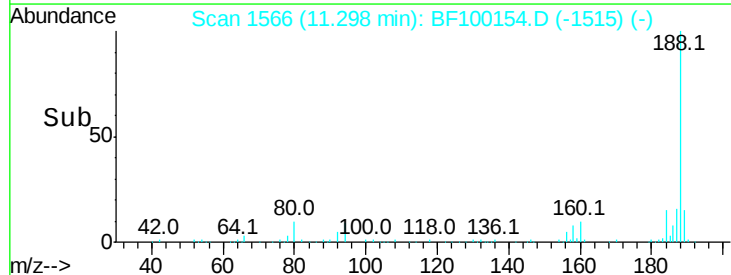
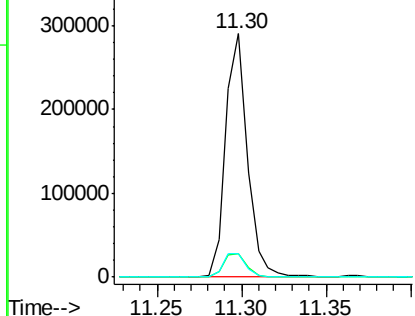
Tgt Ion:	188	Resp:	261505
Ion	Ratio	Lower	Upper
188	100		
94	9.4	8.5	12.7
80	9.9	9.2	13.8

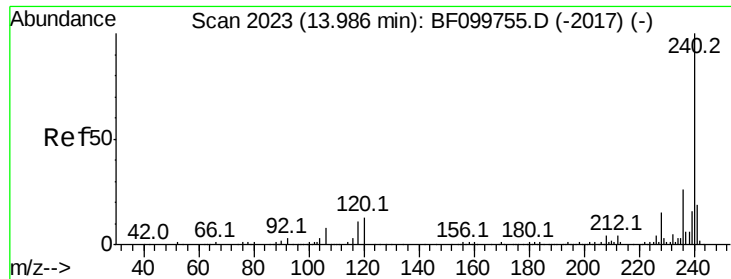


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

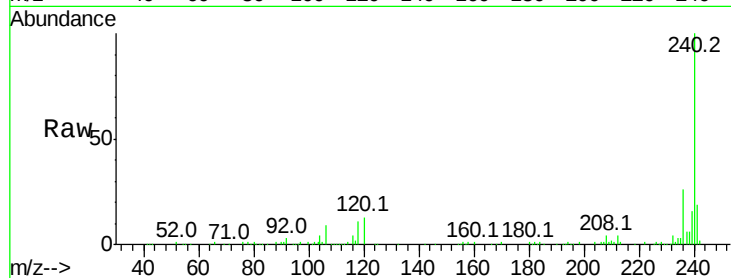




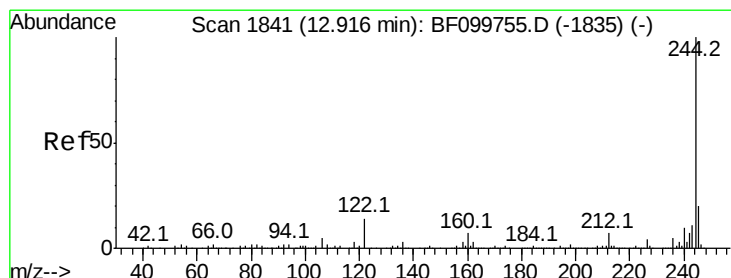
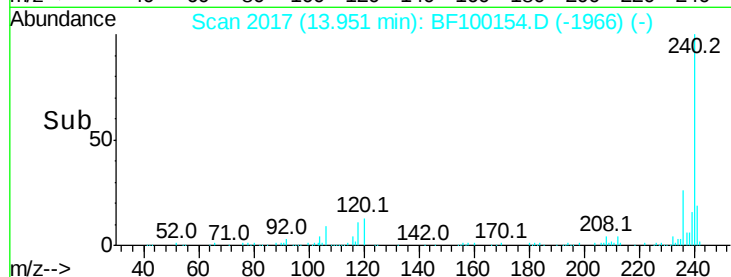
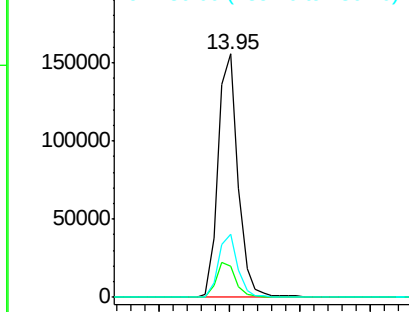
#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF100154.D
 Acq: 4 Nov 2017 00:08

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:240 Resp: 153233
 Ion Ratio Lower Upper
 240 100
 120 12.6 9.5 14.3
 236 26.0 20.7 31.1

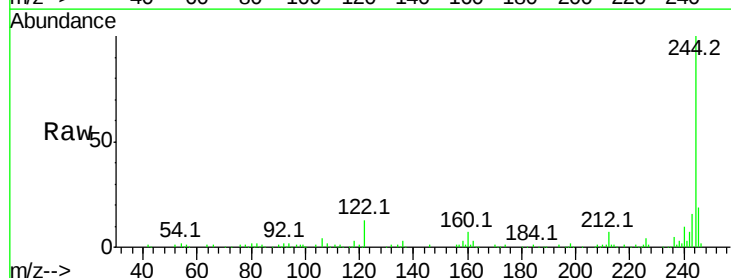


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

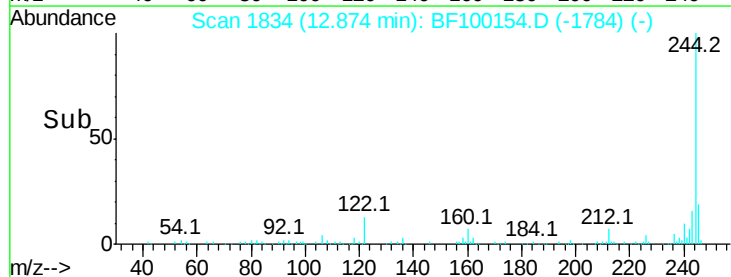
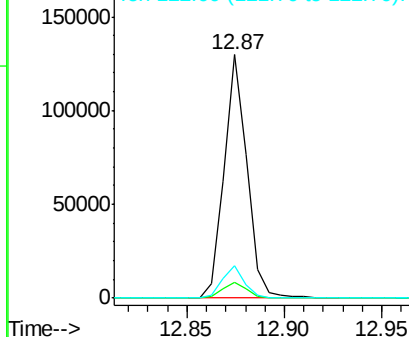


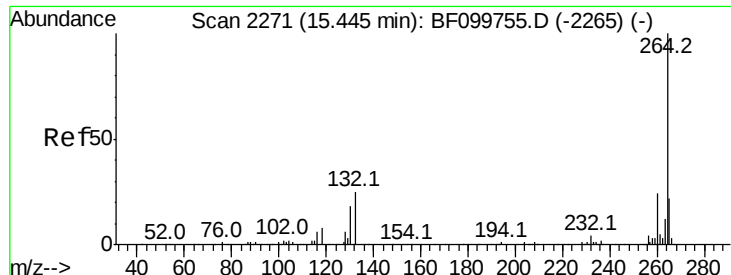
#78
 Terphenyl-d14
 Concen: 15.017 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF100154.D
 Acq: 4 Nov 2017 00:08

Tgt Ion:244 Resp: 105297
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 13.1 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

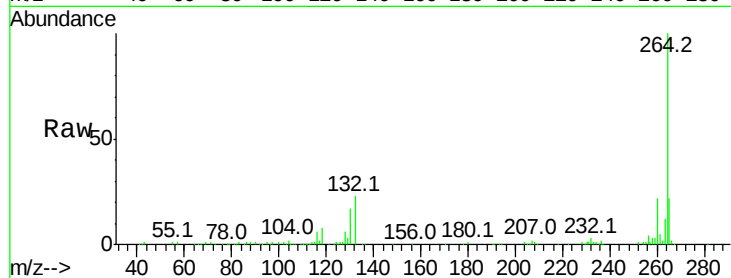




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.41 min Scan# 2265
Delta R.T. 0.00 min
Lab File: BF100154.D
Acq: 4 Nov 2017 00:08

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.3	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

