

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110317\
 Data File : BF100152.D
 Acq On : 3 Nov 2017 23:14
 Operator : SJ/JU
 Sample : I6257-02 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 04 00:05:26 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

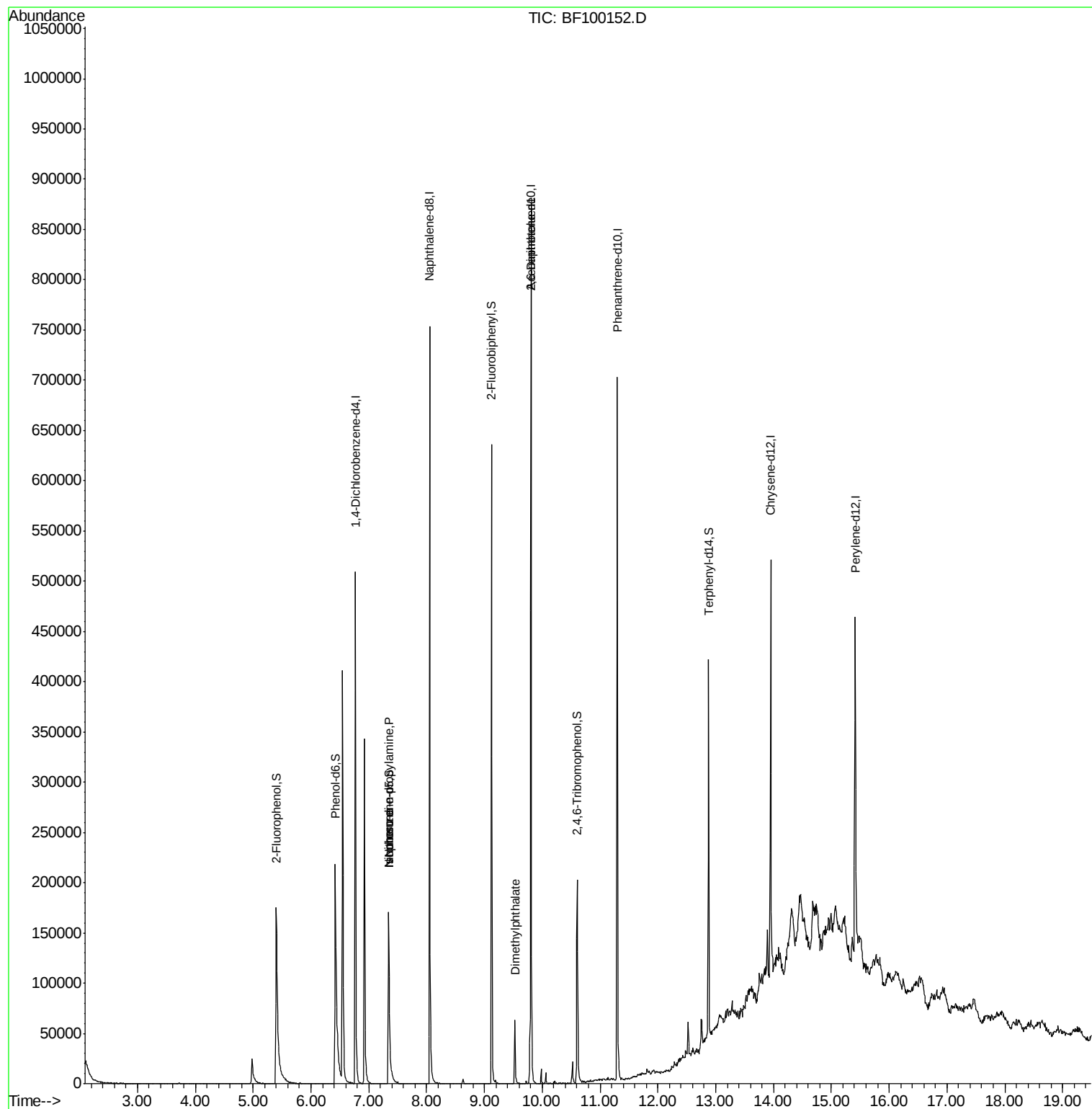
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	95156	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	384368	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	167316	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	258344	20.00	ng	0.00
75) Chrysene-d12	13.95	240	154066	20.00	ng	0.00
86) Perylene-d12	15.41	264	160236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	135601	22.37	ng	0.00
7) Phenol-d6	6.42	99	172870	24.05	ng	0.00
23) Nitrobenzene-d5	7.35	82	94105	15.76	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	31048	20.36	ng	0.00
44) 2-Fluorobiphenyl	9.12	172	200273	18.47	ng	0.00
78) Terphenyl-d14	12.87	244	110354	15.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.35	70	11103	2.636	ng	# 69
25) Isophorone	7.35	82	94105	8.687	ng	# 64
49) Dimethylphthalate	9.53	163	37053	2.796	ng	# 99
50) 2,6-Dinitrotoluene	9.80	165	26476	9.505	ng	# 26

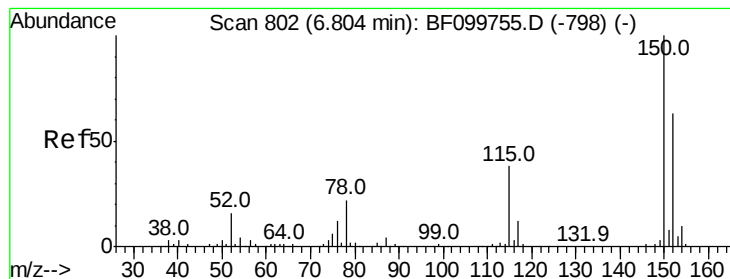
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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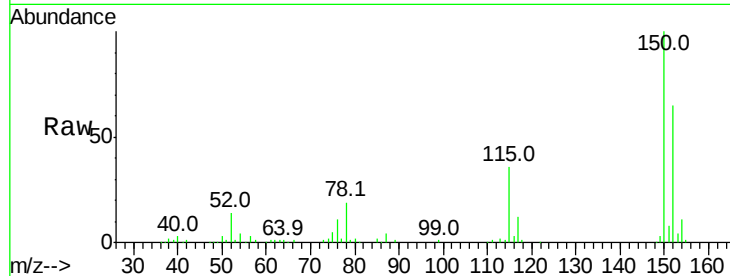


#1

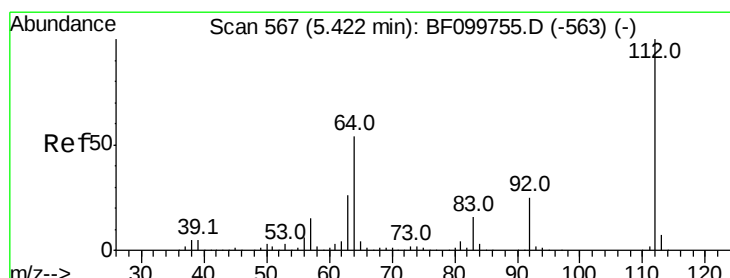
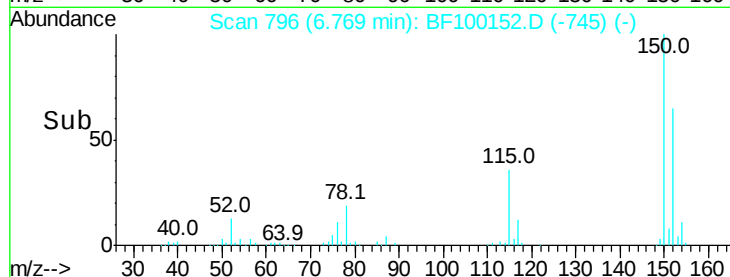
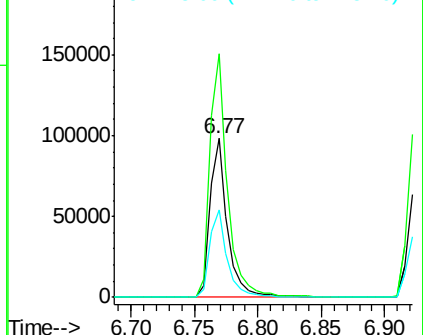
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 796
Delta R.T. 0.00 min
Lab File: BF100152.D
Acq: 3 Nov 2017 23:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95156
Ion Ratio Lower Upper
152 100
150 153.3 124.6 186.8
115 55.2 50.1 75.1



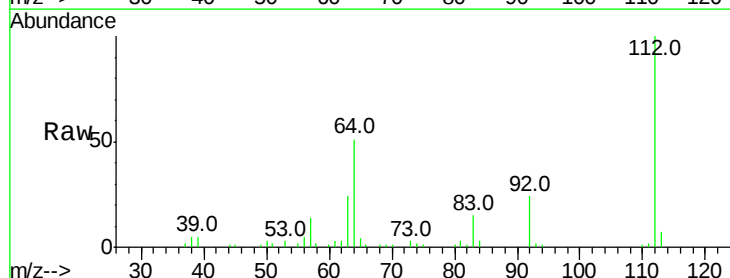
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



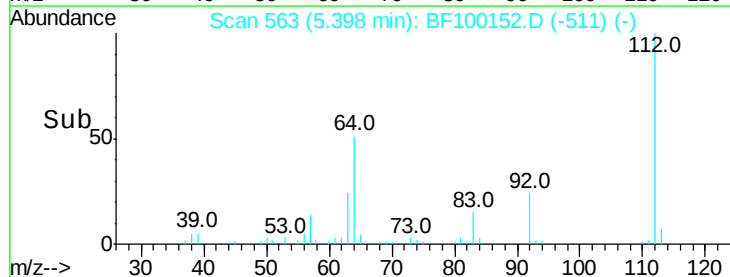
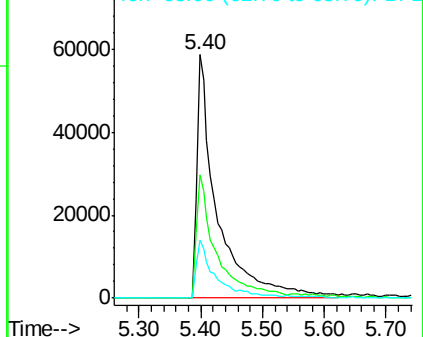
#5

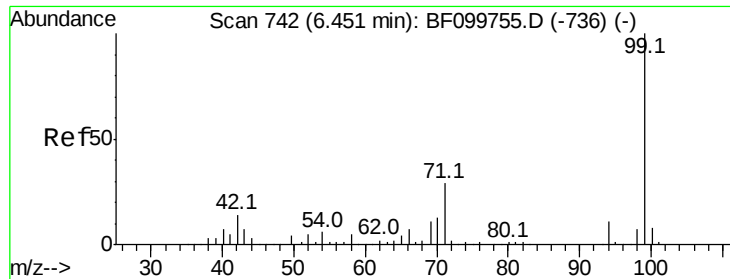
2-Fluorophenol
Concen: 22.373 ng
RT: 5.40 min Scan# 563
Delta R.T. 0.01 min
Lab File: BF100152.D
Acq: 3 Nov 2017 23:14

Tgt Ion:112 Resp: 135601
Ion Ratio Lower Upper
112 100
64 50.8 47.9 71.9
63 23.8 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: 24.054 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100152.D

Acq: 3 Nov 2017 23:14

Instrument :

BNA_F

ClientSampled :

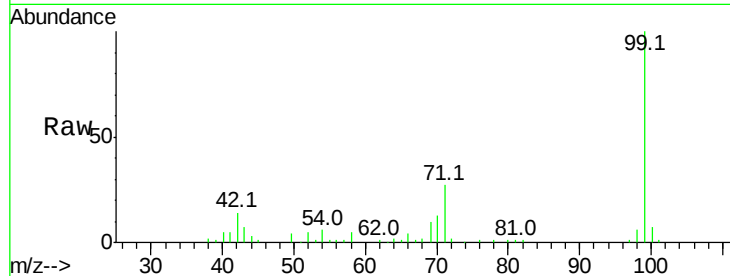
Tot Ion: 99 Resp: 172870

Ion Ratio Lower Upper

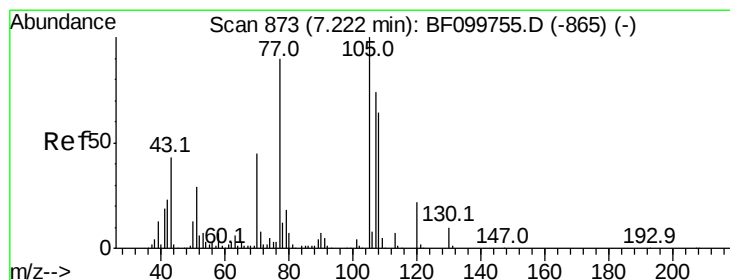
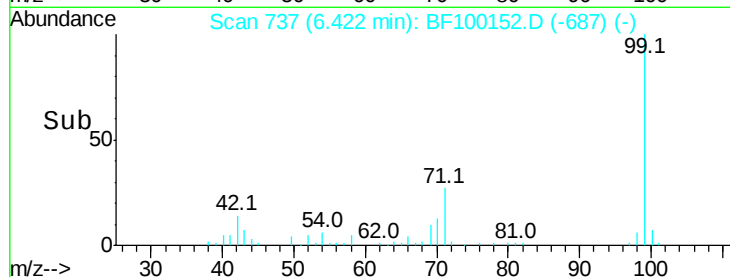
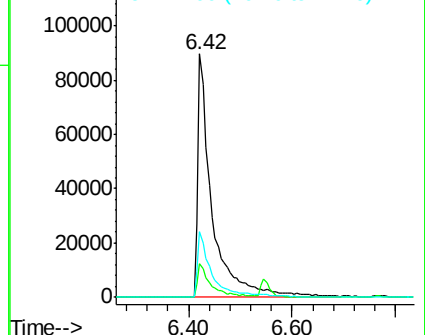
99 100

42 13.8 14.5 21.7#

71 26.7 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: 2.636 ng

RT: 7.35 min Scan# 894

Delta R.T. 0.15 min

Lab File: BF100152.D

Acq: 3 Nov 2017 23:14

Tgt Ion: 70 Resp: 11103

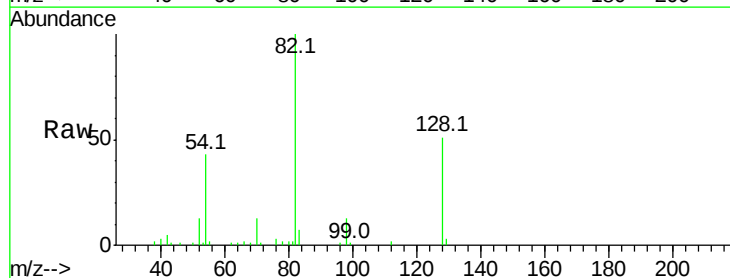
Ion Ratio Lower Upper

70 100

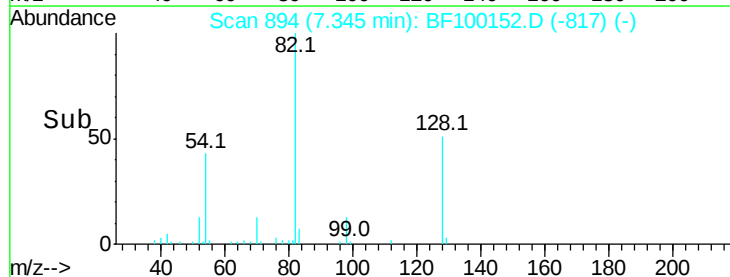
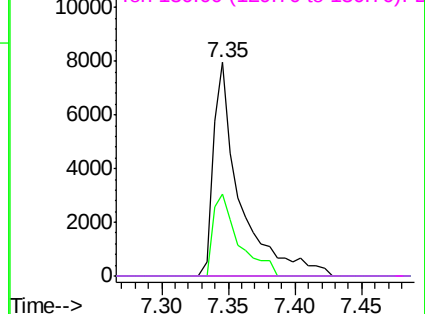
42 38.5 47.5 71.3#

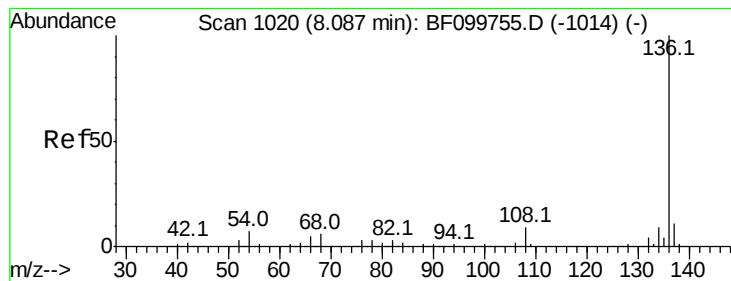
101 0.0 7.4 11.2#

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: BF100152.D

Acq: 3 Nov 2017 23:14

Instrument :

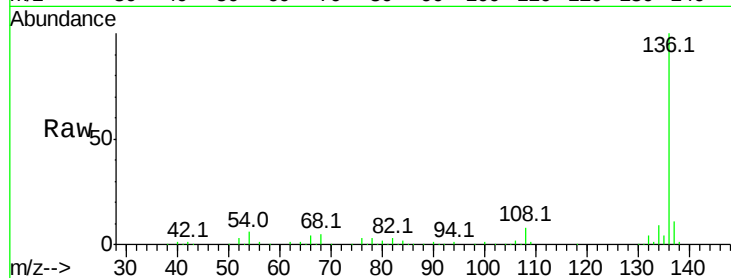
BNA_F

ClientSampleId :

Tot Ion:136 Resp: 384368

Ion Ratio Lower Upper

136	100		
137	10.6	8.9	13.3
54	6.1	6.6	9.8
68	5.3	5.0	7.4

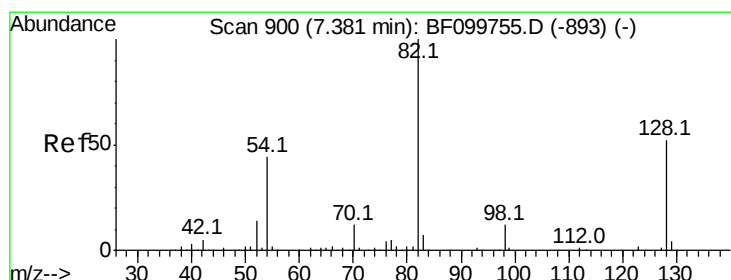
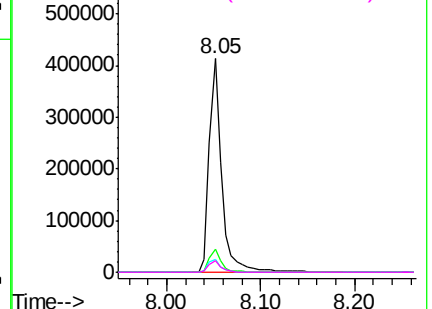
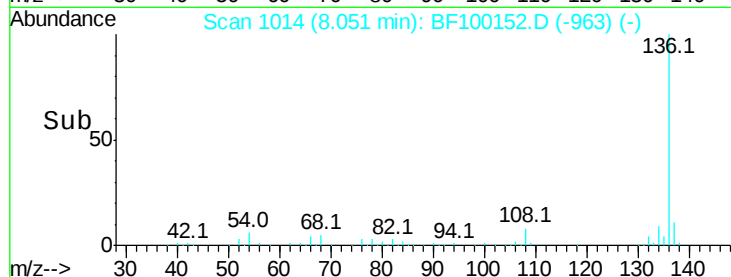


Abundance Ion 136.00 (135.70 to 136.70): E

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: 15.762 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

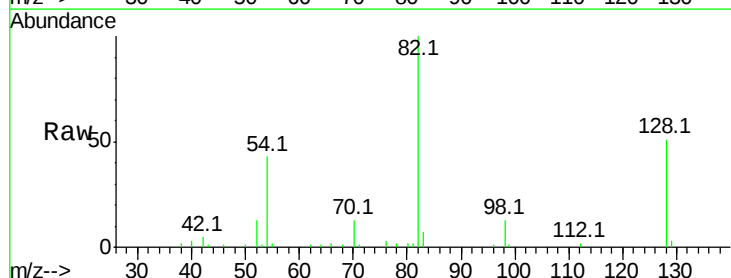
Lab File: BF100152.D

Acq: 3 Nov 2017 23:14

Tgt Ion: 82 Resp: 94105

Ion Ratio Lower Upper

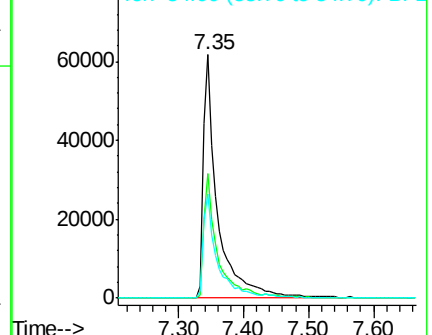
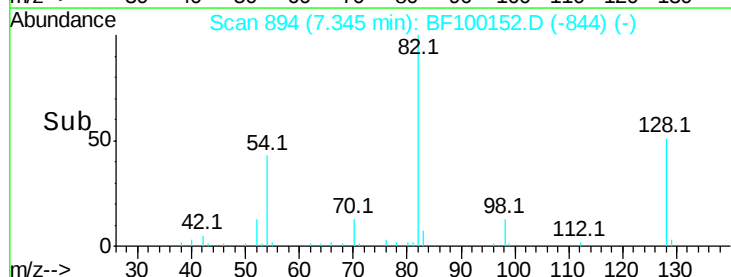
82	100		
128	51.1	36.1	54.1
54	42.5	41.4	62.2

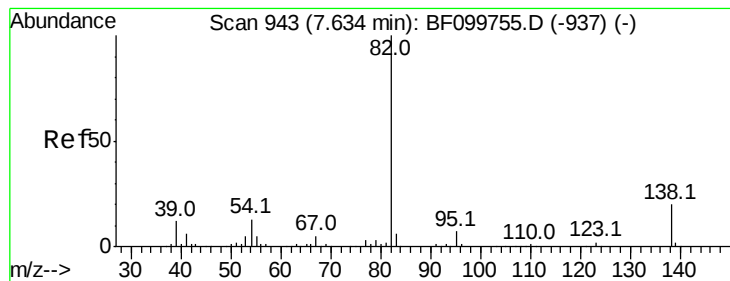


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 8.687 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.25 min

Lab File: BF100152.D

Acq: 3 Nov 2017 23:14

Instrument :

BNA_F

ClientSampled :

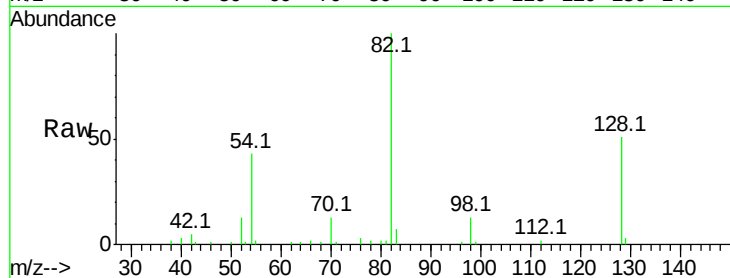
Tot Ion: 82 Resp: 94105

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

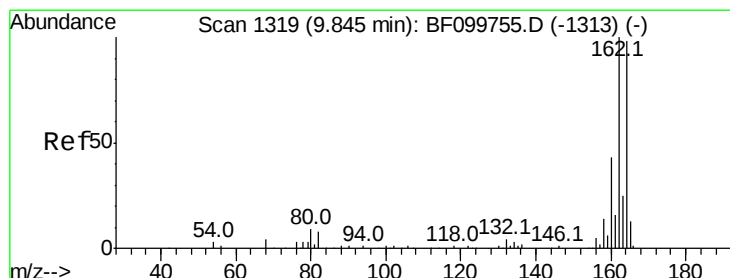
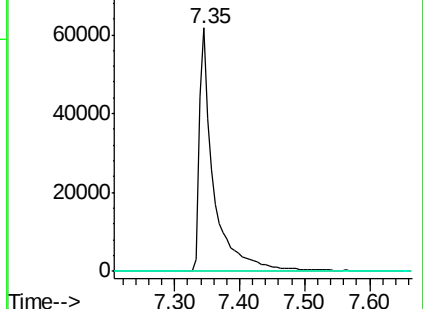
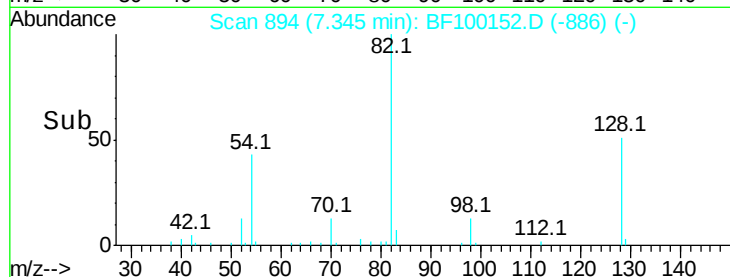
138 0.0 14.9 22.3#



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: BF100152.D

Acq: 3 Nov 2017 23:14

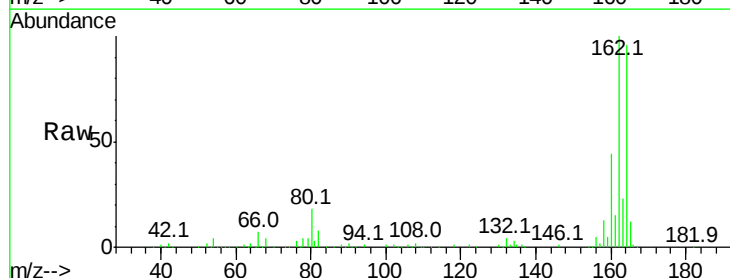
Tgt Ion:164 Resp: 167316

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

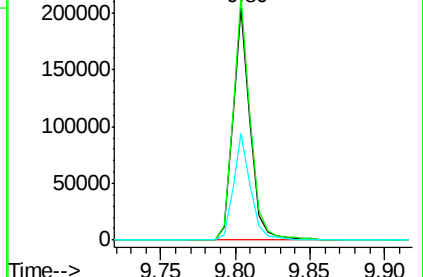
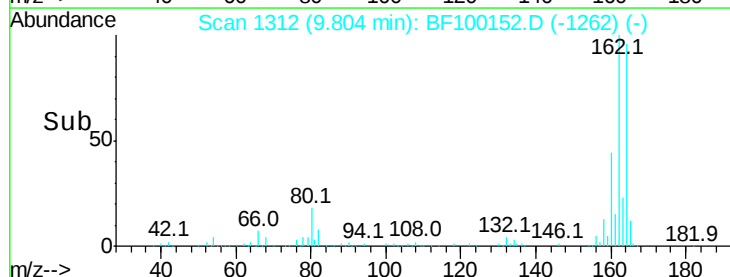
160 45.6 38.3 57.5

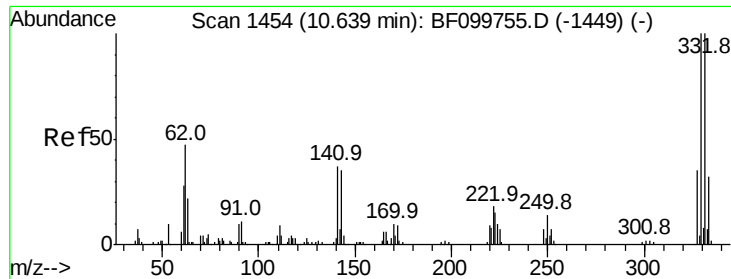


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

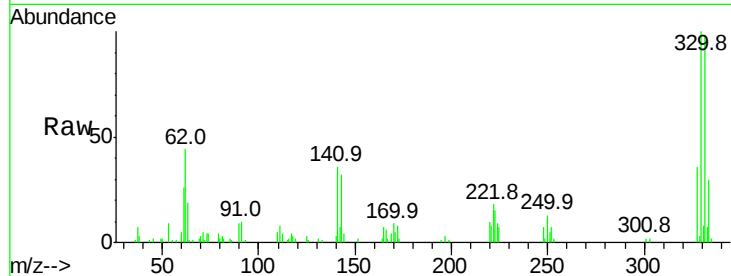




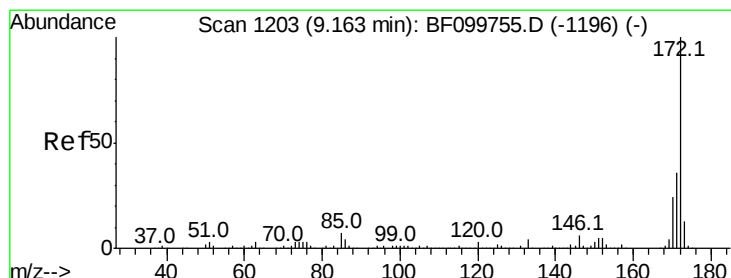
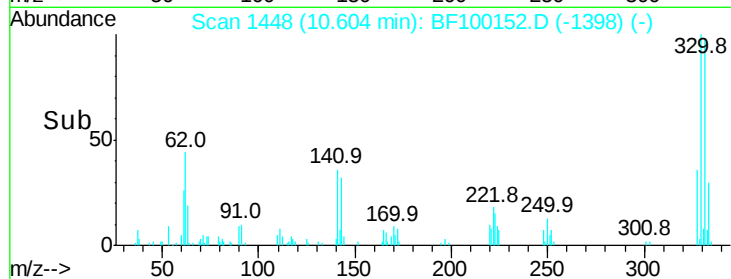
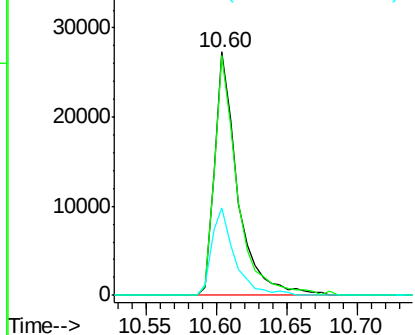
#41
 2,4,6-Tribromophenol
 Concen: 20.362 ng
 RT: 10.60 min Scan# 1448
 Delta R.T. -0.01 min
 Lab File: BF100152.D
 Acq: 3 Nov 2017 23:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 31048
 Ion Ratio Lower Upper
 330 100
 332 97.6 77.0 115.6
 141 35.8 29.9 44.9

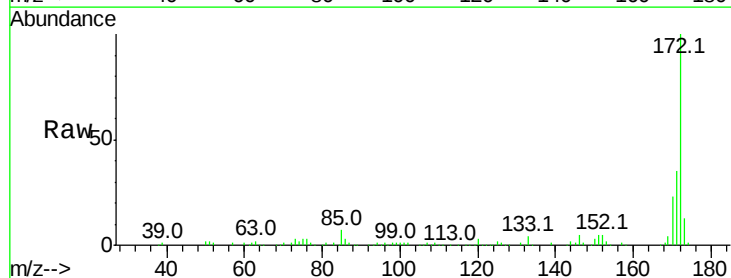


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

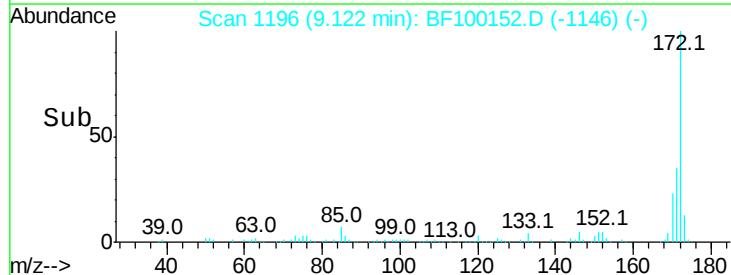
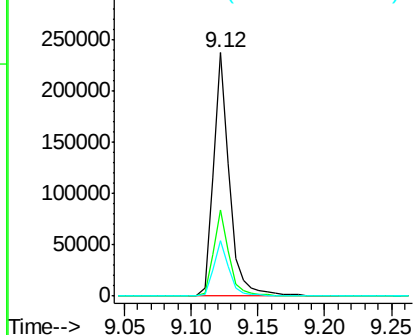


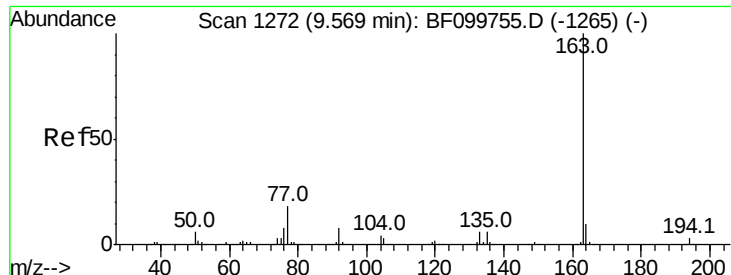
#44
 2-Fluorobiphenyl
 Concen: 18.467 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100152.D
 Acq: 3 Nov 2017 23:14

Tgt Ion:172 Resp: 200273
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.7 44.5
 170 22.6 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

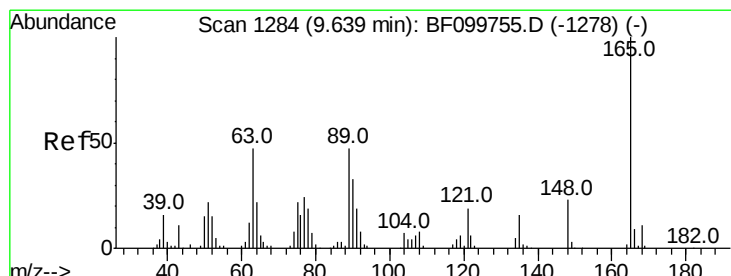
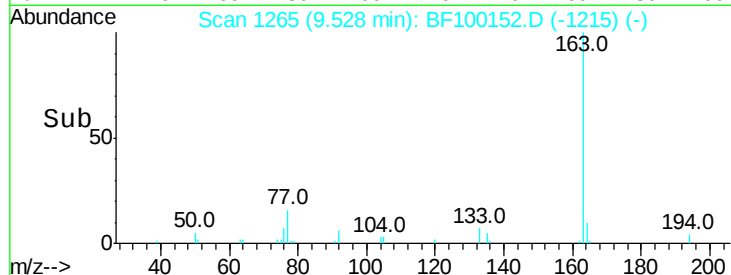
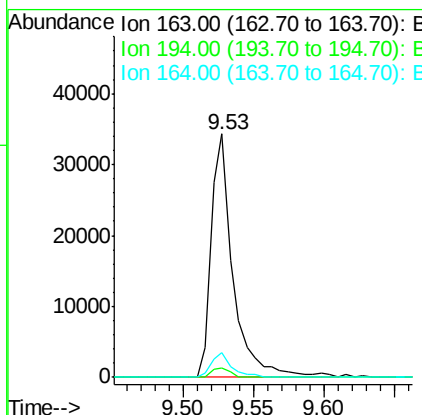
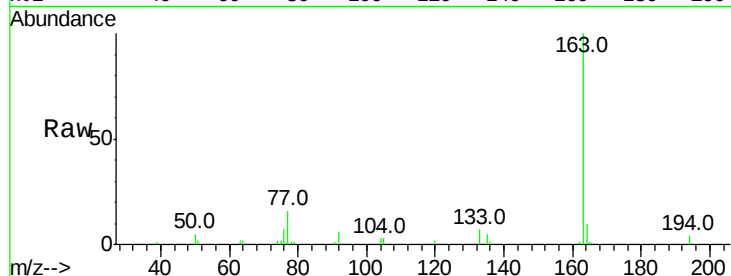




#49
Dimethylphthalate
Concen: 2.796 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BF100152.D
Acq: 3 Nov 2017 23:14

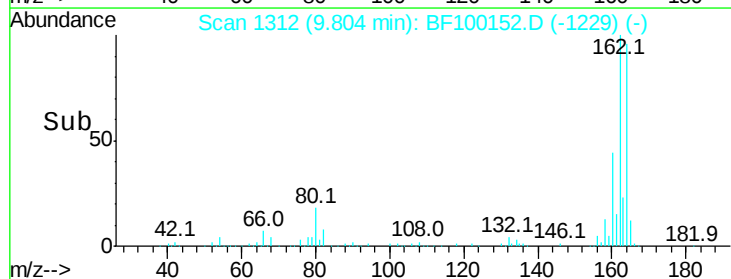
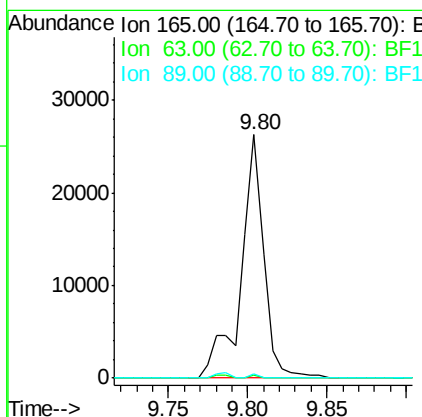
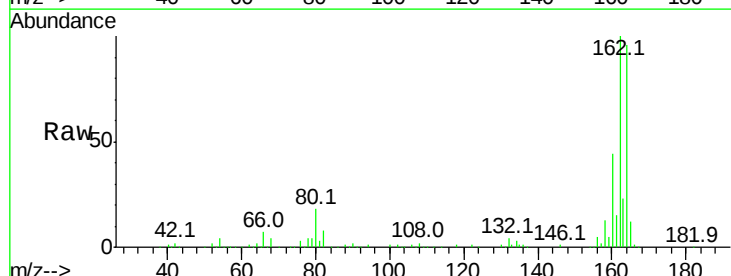
Instrument :
BNA_F
ClientSampleId :

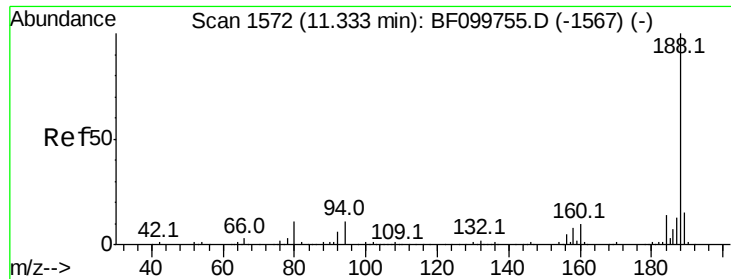
Tot Ion:163 Resp: 37053
Ion Ratio Lower Upper
163 100
194 4.1 2.7 4.1#
164 10.2 8.2 12.2



#50
2,6-Dinitrotoluene
Concen: 9.505 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.19 min
Lab File: BF100152.D
Acq: 3 Nov 2017 23:14

Tgt Ion:165 Resp: 26476
Ion Ratio Lower Upper
165 100
63 1.3 44.7 67.1#
89 1.8 44.0 66.0#

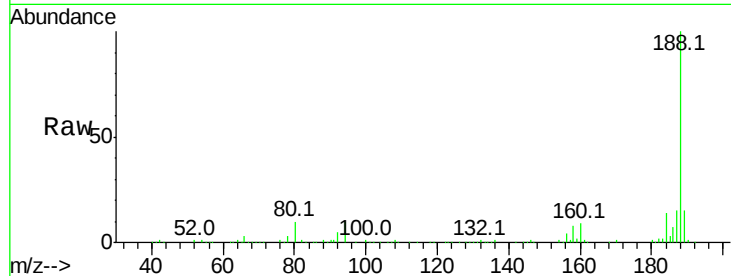




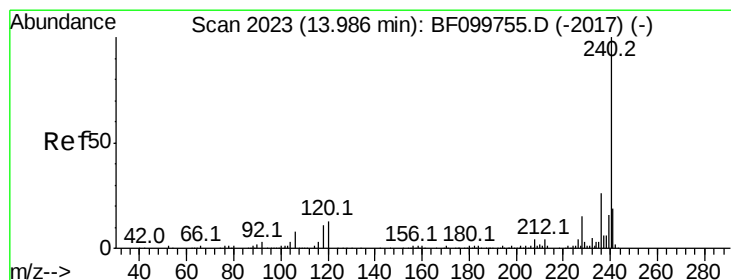
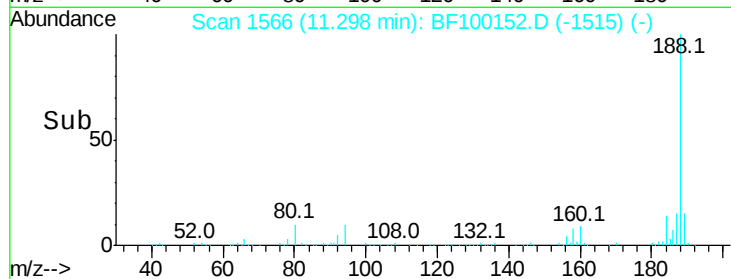
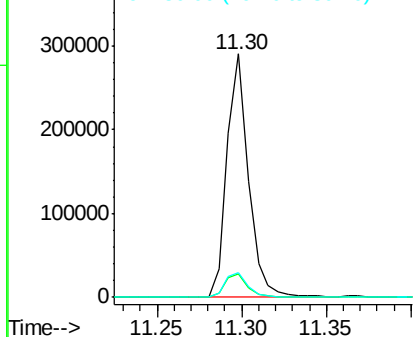
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF100152.D
Acq: 3 Nov 2017 23:14

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 258344
Ion Ratio Lower Upper
188 100
94 9.8 8.5 12.7
80 10.0 9.2 13.8

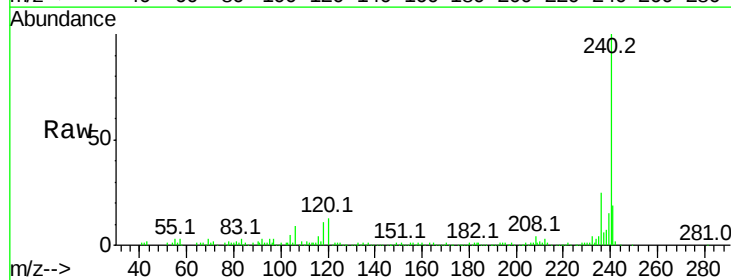


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

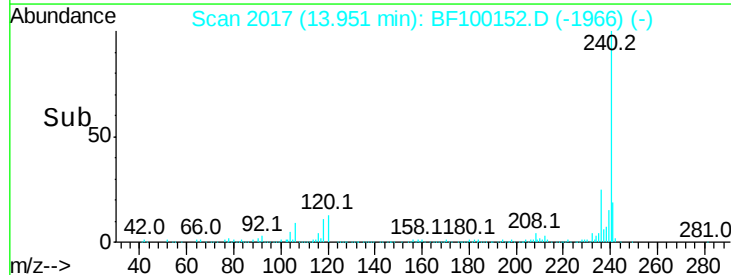
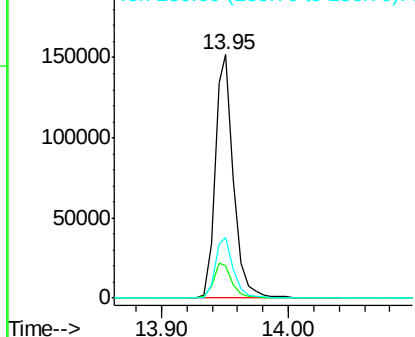


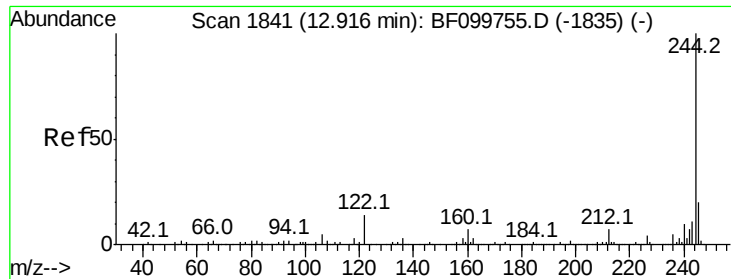
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF100152.D
Acq: 3 Nov 2017 23:14

Tgt Ion:240 Resp: 154066
Ion Ratio Lower Upper
240 100
120 13.2 9.5 14.3
236 24.7 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

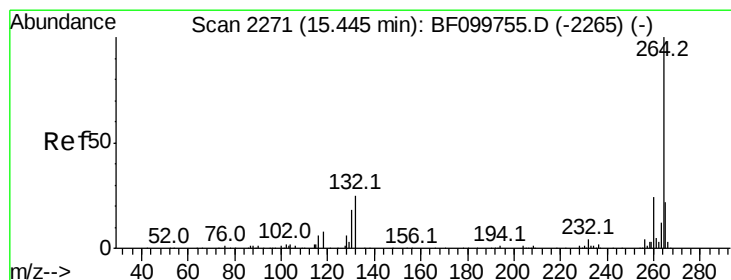
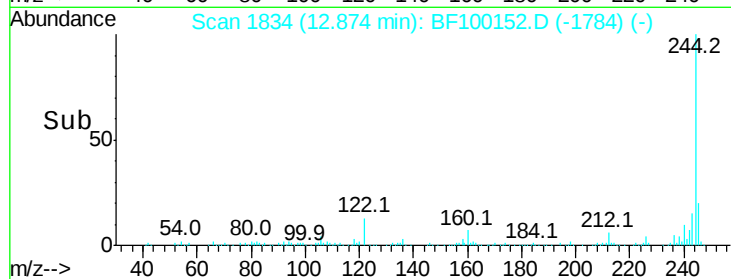
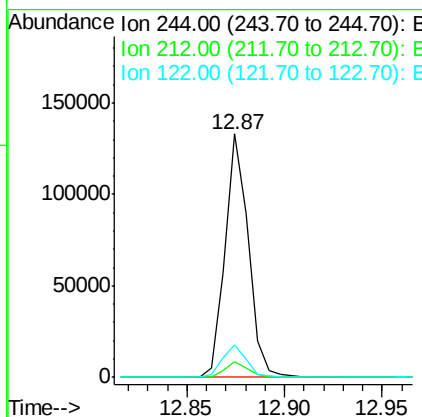
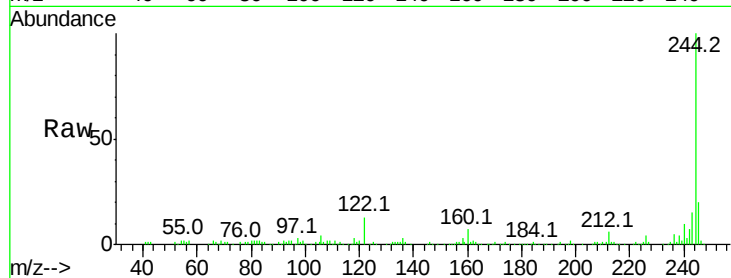




#78
 Terphenyl-d14
 Concen: 15.653 ng
 RT: 12.87 min Scan# 1834
 Delta R.T. -0.01 min
 Lab File: BF100152.D
 Acq: 3 Nov 2017 23:14

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 110354
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.4 8.0
 122 13.4 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.41 min Scan# 2265
 Delta R.T. 0.00 min
 Lab File: BF100152.D
 Acq: 3 Nov 2017 23:14

Tgt Ion:264 Resp: 160236
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 22.0 17.5 26.3

