

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110617\
 Data File : BF100255.D
 Acq On : 6 Nov 2017 17:18
 Operator : SJ/JU
 Sample : PB103997TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 07 00:16:58 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 13:31:35 2017
 Response via : Initial Calibration

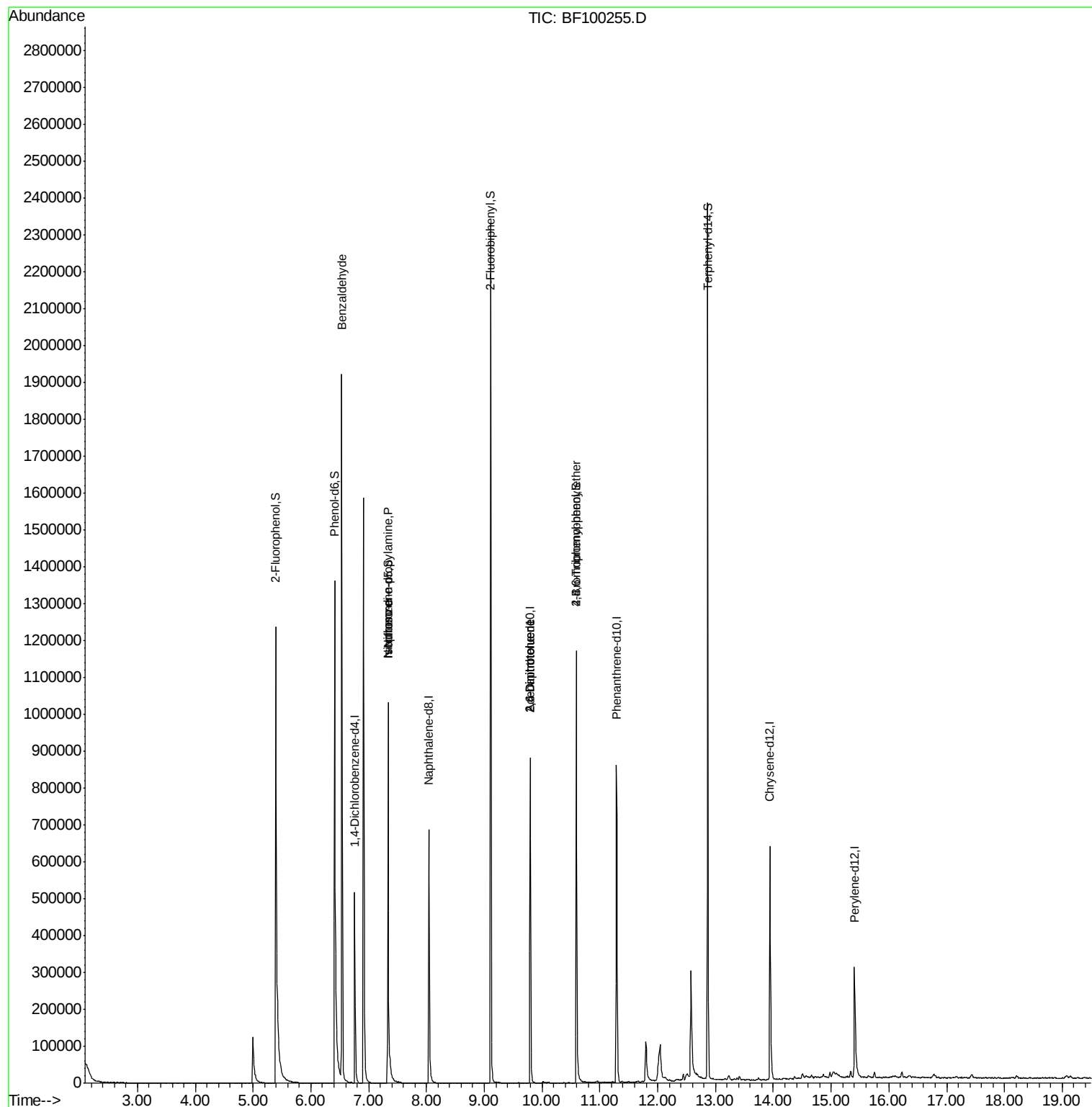
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	98879	20.00	ng	0.00
21) Naphthalene-d8	8.04	136	400744	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	185586	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	354536	20.00	ng	0.00
75) Chrysene-d12	13.94	240	273388	20.00	ng	0.00
86) Perylene-d12	15.40	264	196253	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	647706	102.84	ng	0.01
7) Phenol-d6	6.41	99	751452	100.62	ng	0.00
23) Nitrobenzene-d5	7.33	82	417836	67.13	ng	0.00
41) 2,4,6-Tribromophenol	10.59	330	156938	92.79	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	852196	70.85	ng	0.00
78) Terphenyl-d14	12.87	244	795340	63.58	ng	0.00
Target Compounds						
9) Benzaldehyde	6.53	77	11072	2.481	ng	86
19) n-Nitroso-di-n-propylamine	7.33	70	50903	11.631	ng	# 70
25) Isophorone	7.33	82	417836	36.993	ng	# 64
50) 2,6-Dinitrotoluene	9.79	165	23649	7.654	ng	# 24
56) 2,4-Dinitrotoluene	9.79	165	23649	6.356	ng	# 22
66) 4-Bromophenyl-phenylether	10.59	248	10389	2.783	ng	# 1

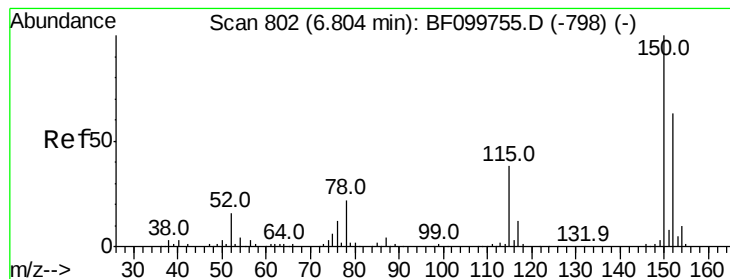
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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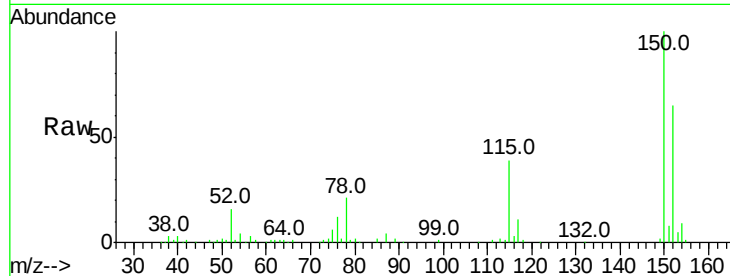


#1

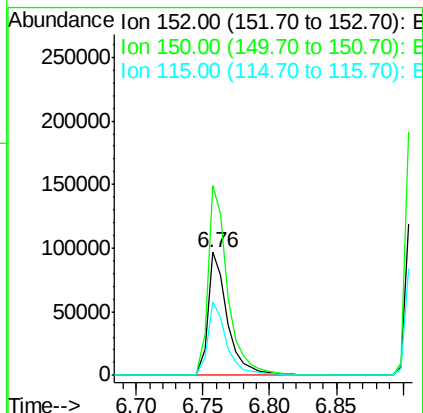
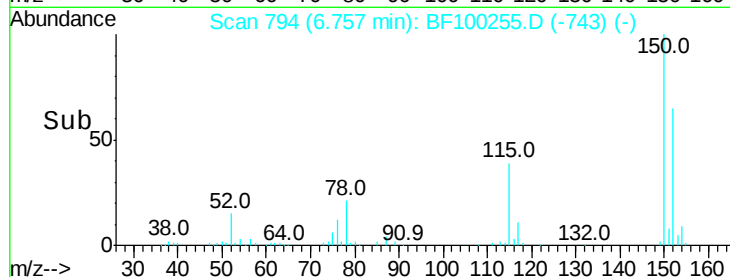
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.00 min
Lab File: BF100255.D
Acq: 6 Nov 2017 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 98879
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 60.1 50.1 75.1



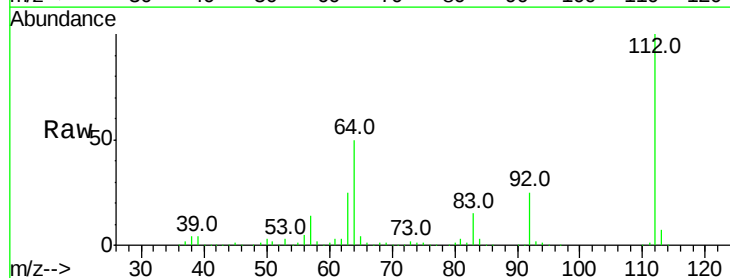
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



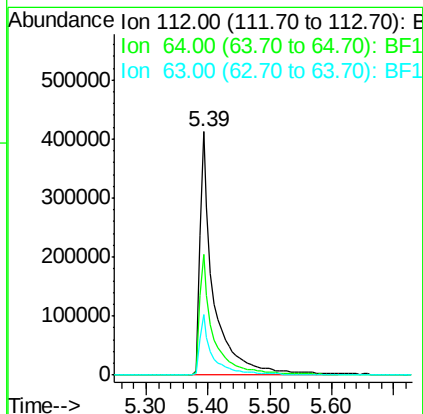
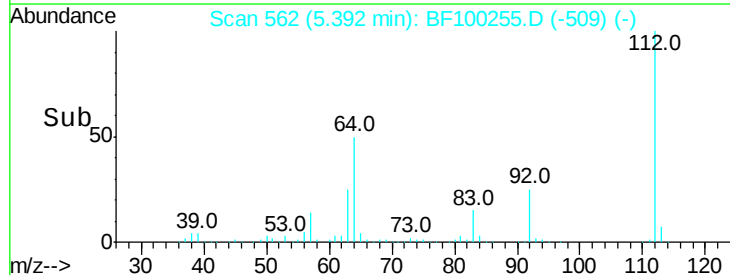
#5

2-Fluorophenol
Concen: 102.841 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF100255.D
Acq: 6 Nov 2017 17:18

Tgt Ion:112 Resp: 647706
Ion Ratio Lower Upper
112 100
64 49.6 47.9 71.9
63 24.7 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: 100.625 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.01 min

Lab File: BF100255.D

Acq: 6 Nov 2017 17:18

Instrument :

BNA_F

ClientSampleId :

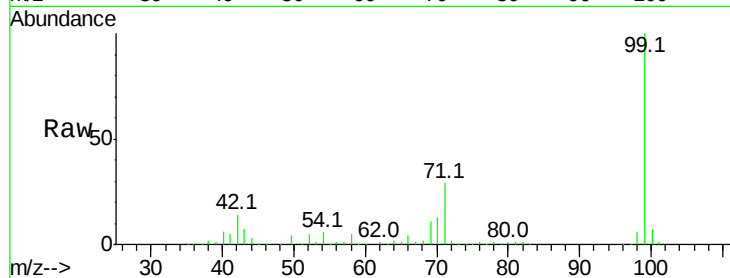
Tot Ion: 99 Resp: 751452

Ion Ratio Lower Upper

99 100

42 14.0 14.5 21.7#

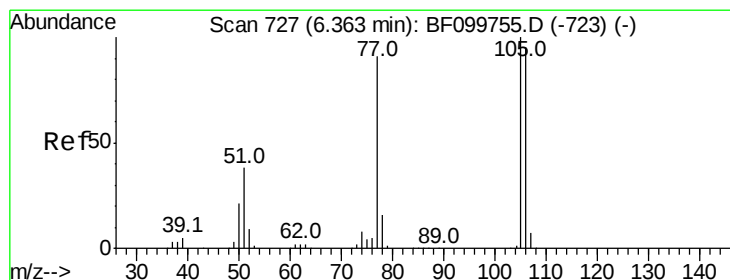
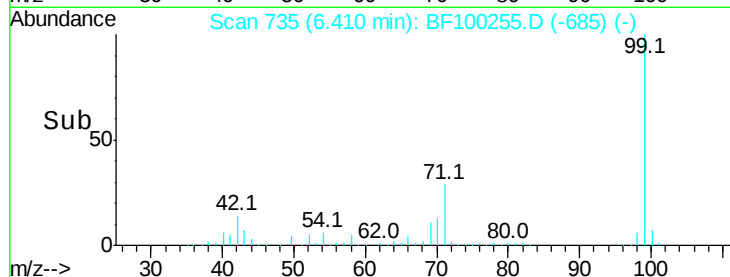
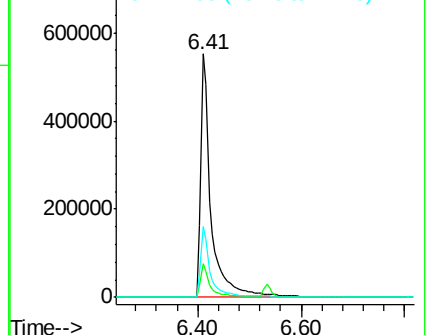
71 29.1 25.4 38.0



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



#9

Benzaldehyde

Concen: 2.481 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.21 min

Lab File: BF100255.D

Acq: 6 Nov 2017 17:18

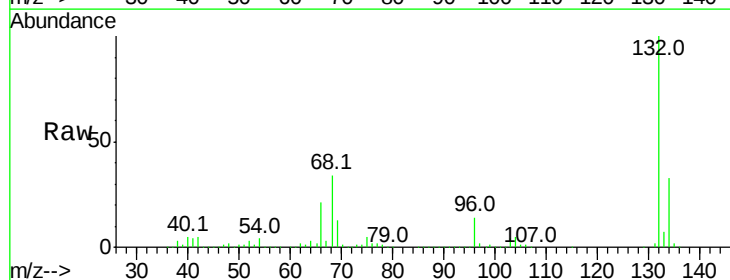
Tgt Ion: 77 Resp: 11072

Ion Ratio Lower Upper

77 100

105 83.9 81.1 121.1

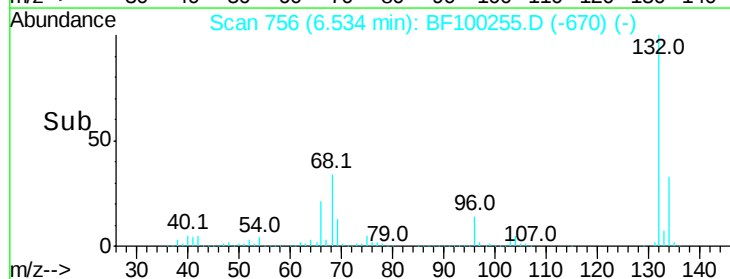
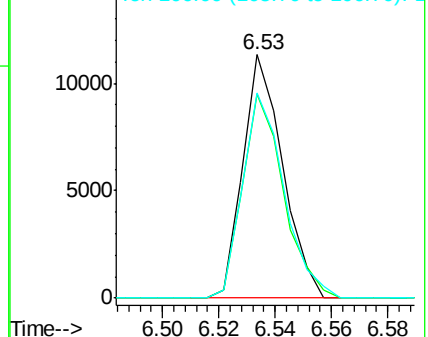
106 84.3 74.5 114.5

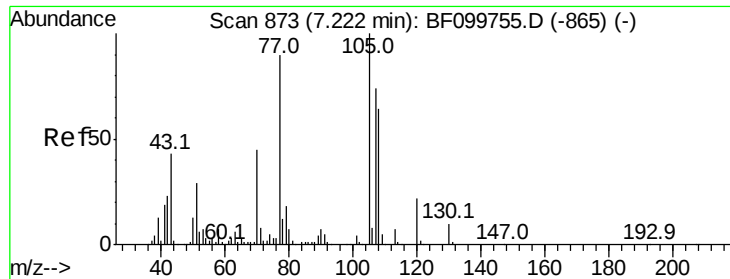


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

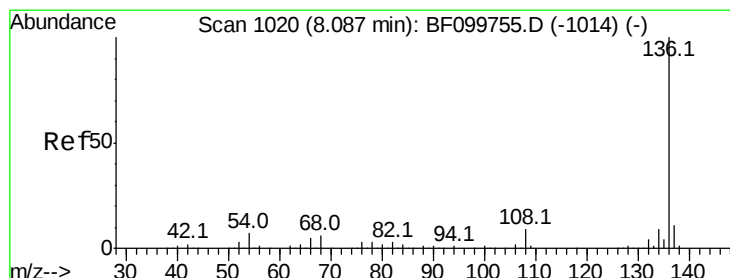
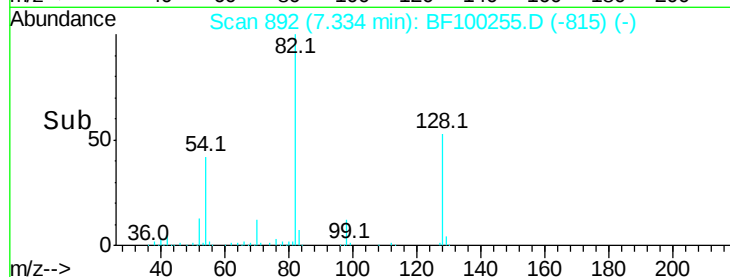
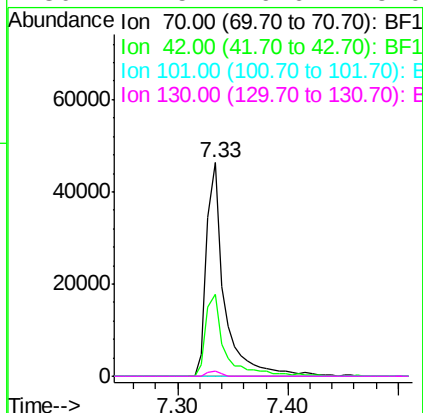
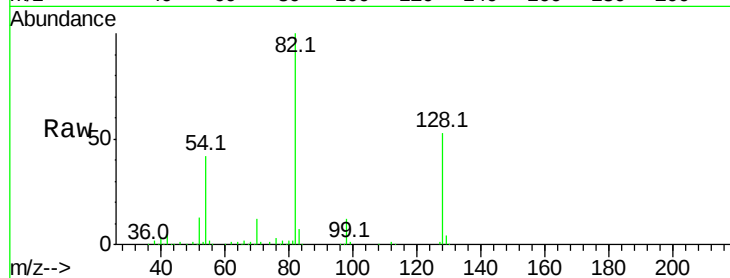




#19
n-Nitroso-di-n-propylamine
Concen: 11.631 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.15 min
Lab File: BF100255.D
Acq: 6 Nov 2017 17:18

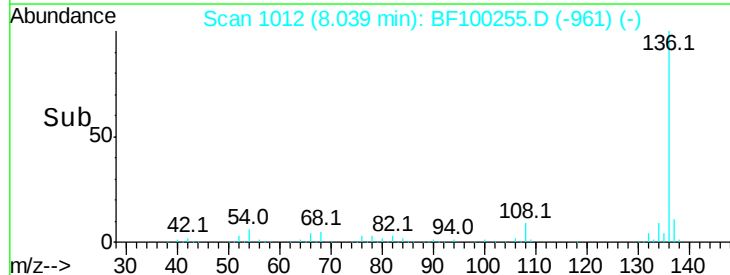
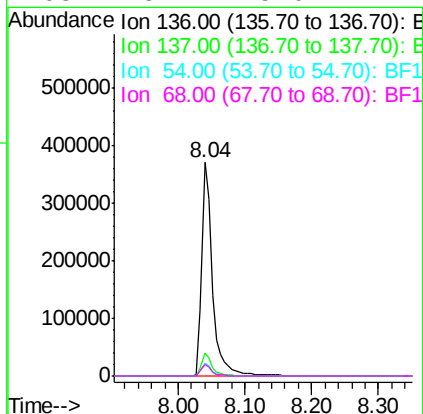
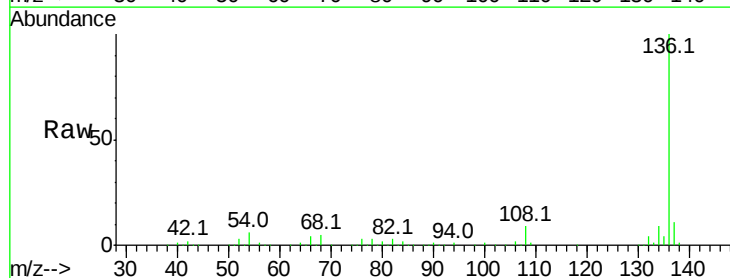
Instrument :
BNA_F
ClientSampleId :

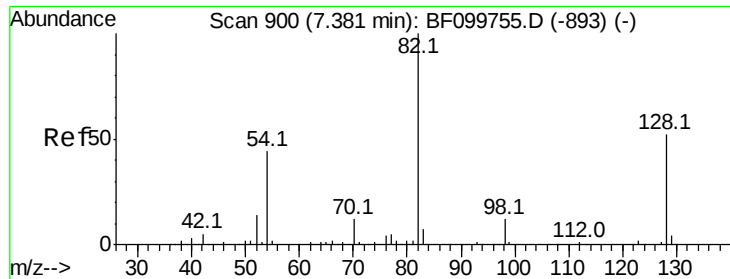
Tot Ion: 70 Resp: 50903
Ion Ratio Lower Upper
70 100
42 38.6 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BF100255.D
Acq: 6 Nov 2017 17:18

Tgt Ion:136 Resp: 400744
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 6.3 6.6 9.8#
68 5.4 5.0 7.4

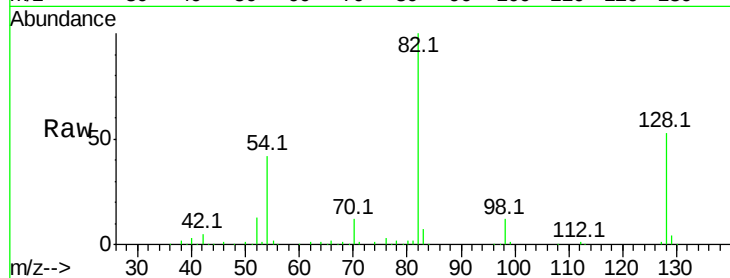




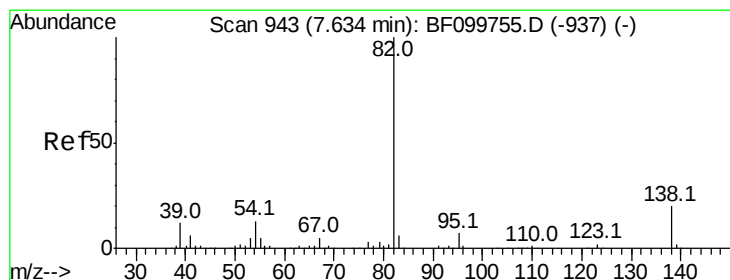
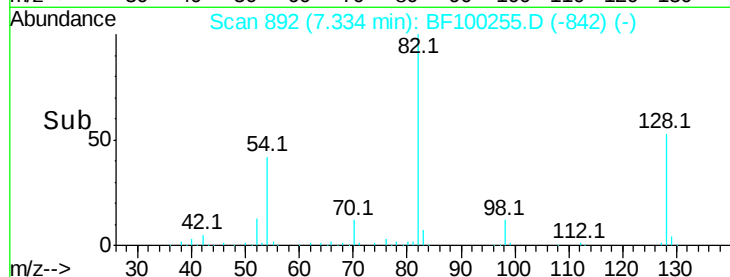
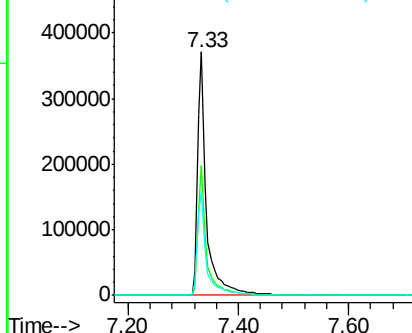
#23
Nitrobenzene-d5
Concen: 67.126 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.01 min
Lab File: BF100255.D
Acq: 6 Nov 2017 17:18

Instrument :
BNA_F
ClientSampled :

Tot Ion: 82 Resp: 417836
Ion Ratio Lower Upper
82 100
128 53.1 36.1 54.1
54 42.3 41.4 62.2

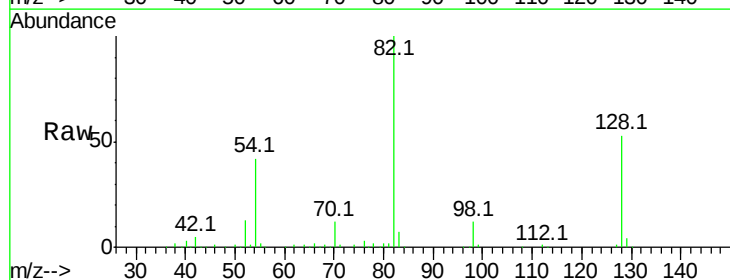


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

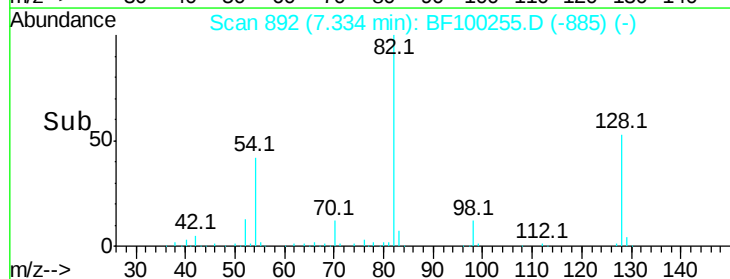
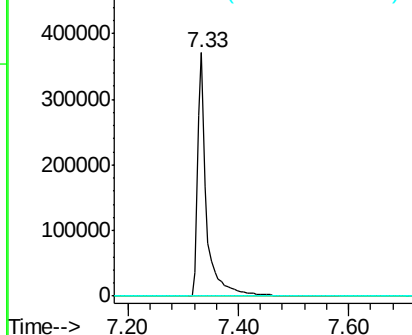


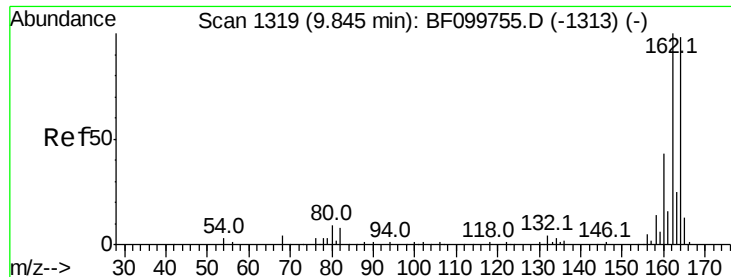
#25
Isophorone
Concen: 36.993 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.26 min
Lab File: BF100255.D
Acq: 6 Nov 2017 17:18

Tgt Ion: 82 Resp: 417836
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

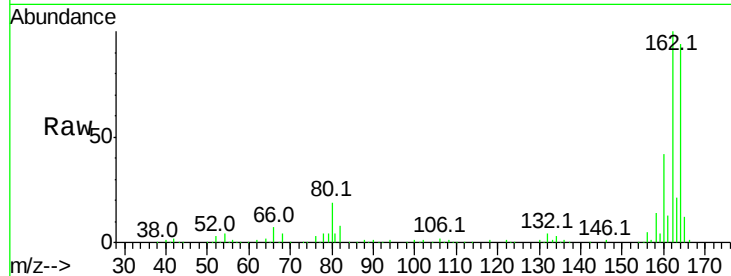




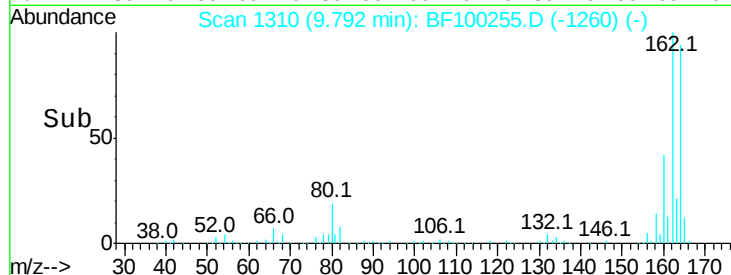
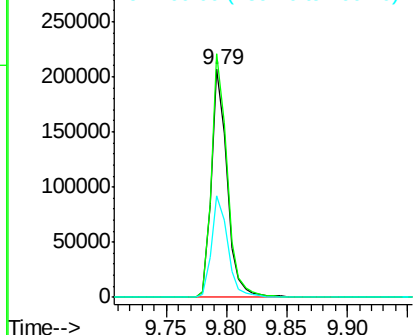
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF100255.D
Acq: 6 Nov 2017 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 185586
Ion Ratio Lower Upper
164 100
162 106.9 86.1 129.1
160 44.4 38.3 57.5

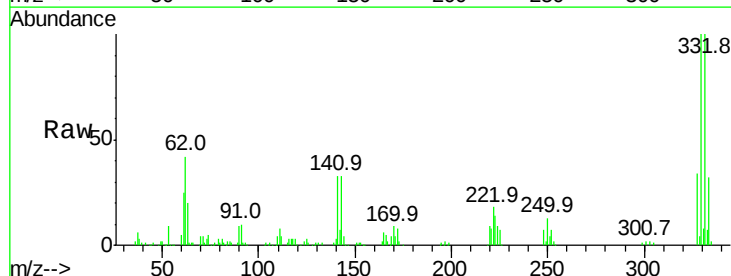


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

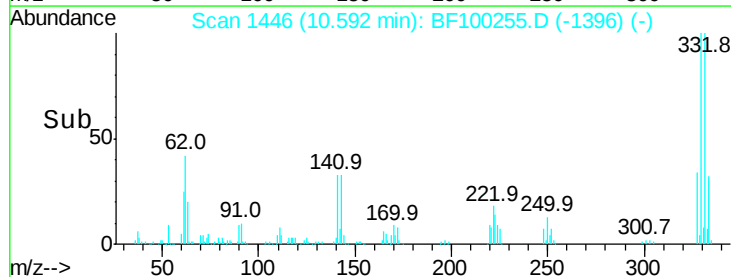
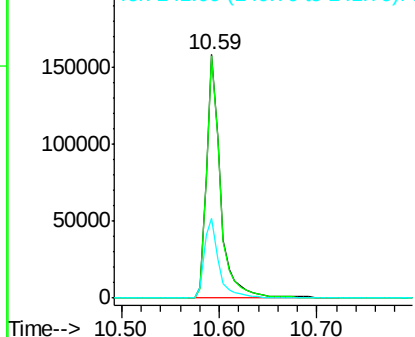


#41
2,4,6-Tribromophenol
Concen: 92.793 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF100255.D
Acq: 6 Nov 2017 17:18

Tgt Ion:330 Resp: 156938
Ion Ratio Lower Upper
330 100
332 99.2 77.0 115.6
141 34.1 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

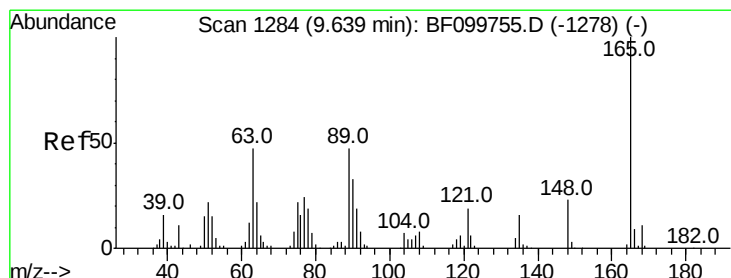
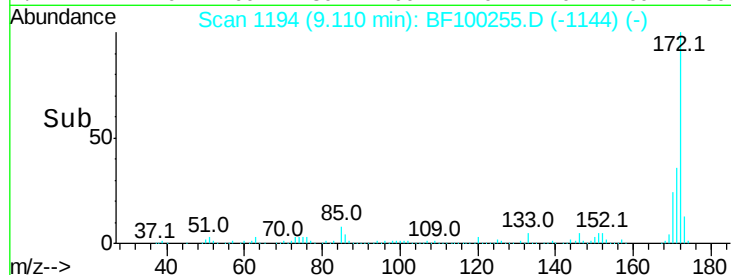
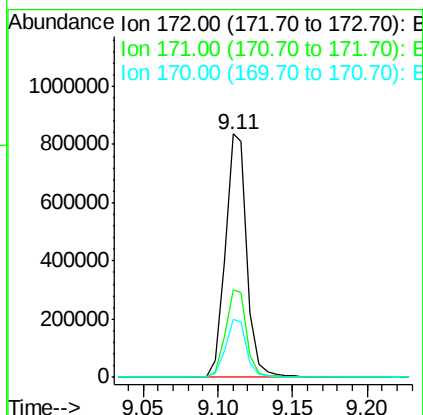
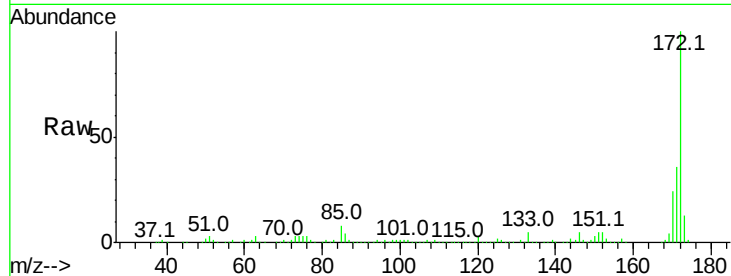




#44
 2-Fluorobiphenyl
 Concen: 70.846 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: BF100255.D
 Acq: 6 Nov 2017 17:18

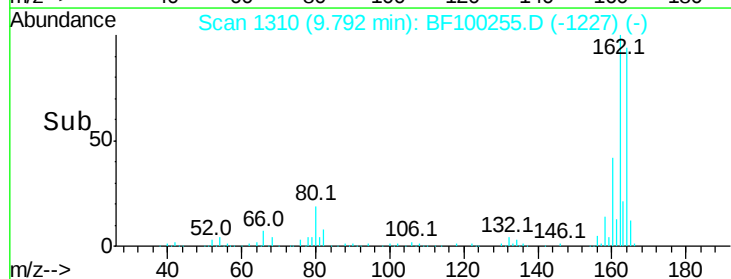
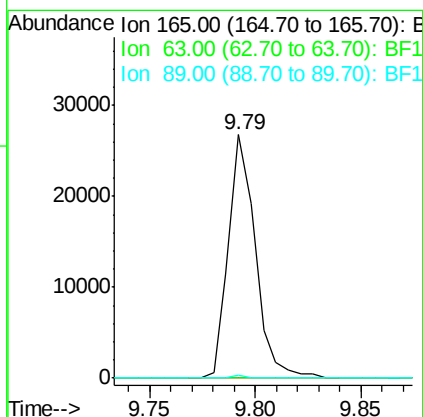
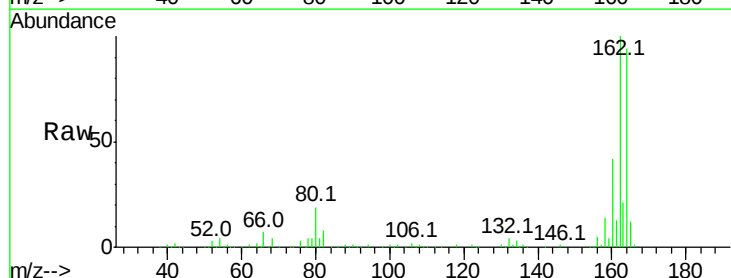
Instrument :
 BNA_F
 ClientSampled :

Tot Ion:172 Resp: 852196
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.7 19.6 29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.654 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. 0.19 min
 Lab File: BF100255.D
 Acq: 6 Nov 2017 17:18

Tgt Ion:165 Resp: 23649
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 1.1 44.0 66.0#

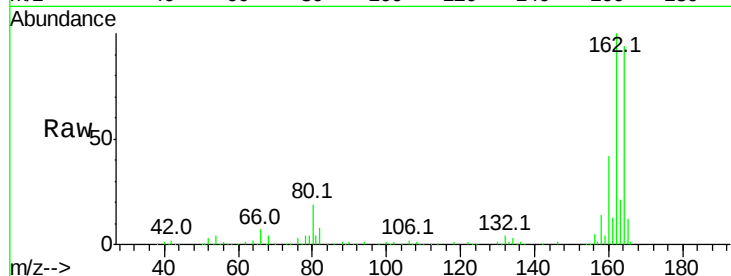




#56
 2,4-Dinitrotoluene
 Concen: 6.356 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.23 min
 Lab File: BF100255.D
 Acq: 6 Nov 2017 17:18

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.1	57.8	86.6#
182	0.0	1.6	2.4#

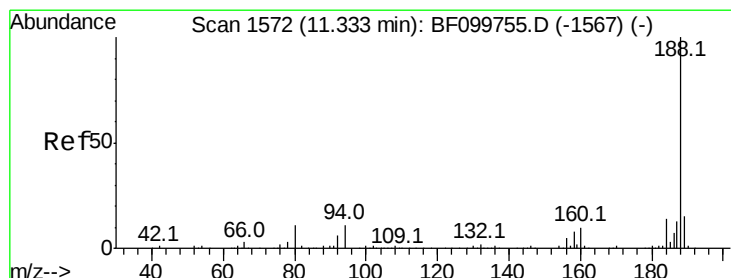
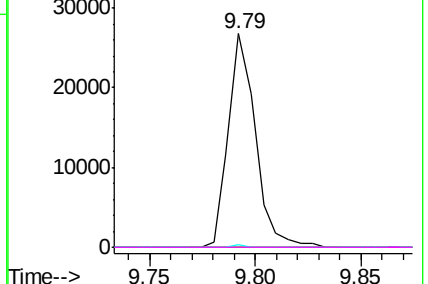
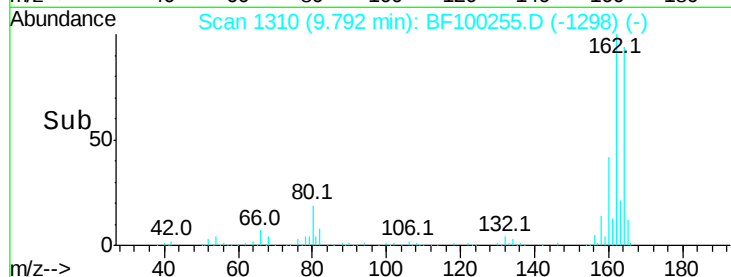


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

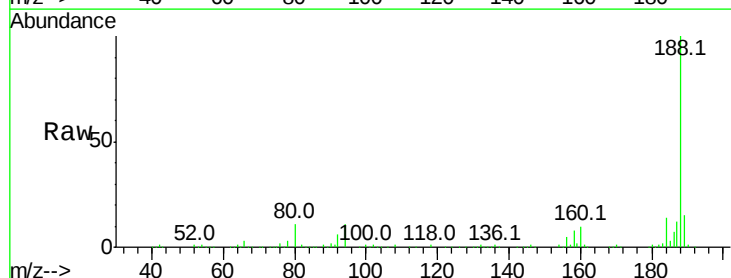
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1564
 Delta R.T. -0.01 min
 Lab File: BF100255.D
 Acq: 6 Nov 2017 17:18

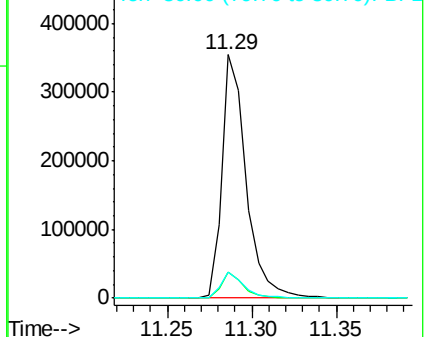
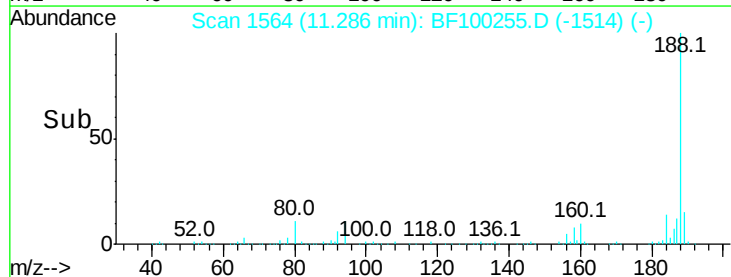
Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.7	8.5	12.7
80	10.9	9.2	13.8



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

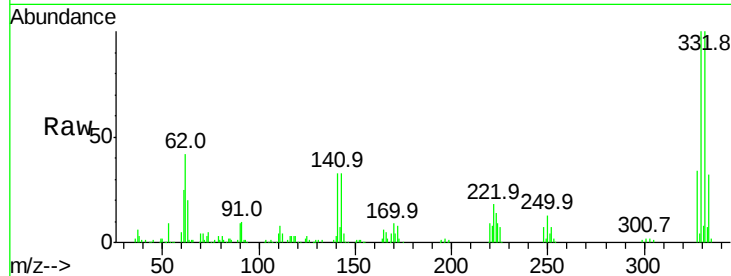




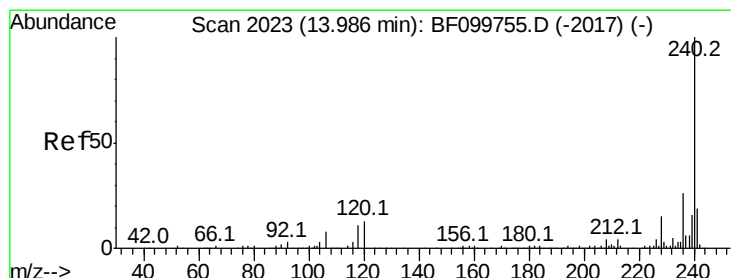
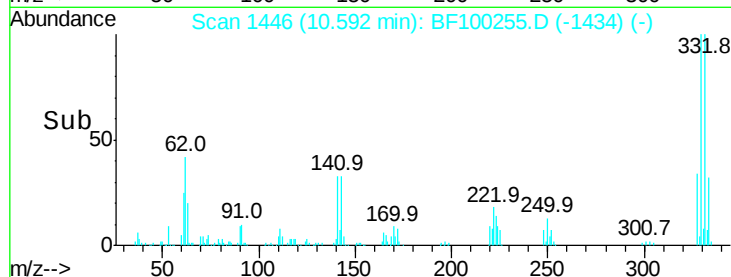
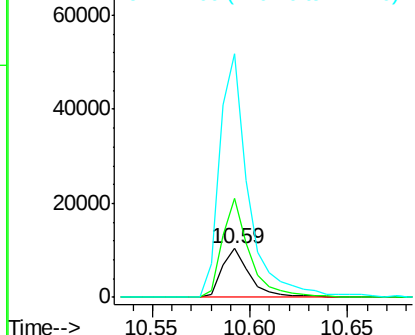
#66
4-Bromophenyl-phenylether
Concen: 2.783 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.23 min
Lab File: BF100255.D
Acq: 6 Nov 2017 17:18

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 10389
Ion Ratio Lower Upper
248 100
250 201.6 76.9 115.3#
141 498.2 74.4 111.6#

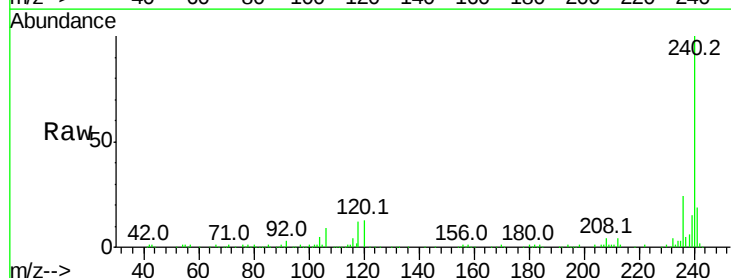


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

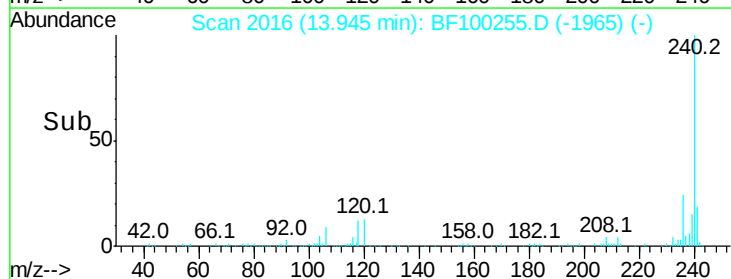
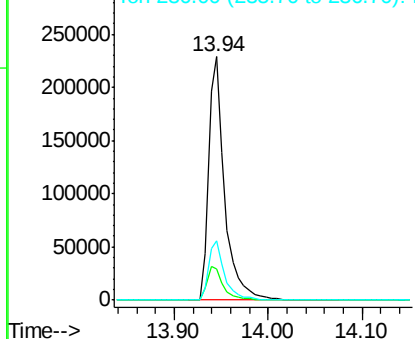


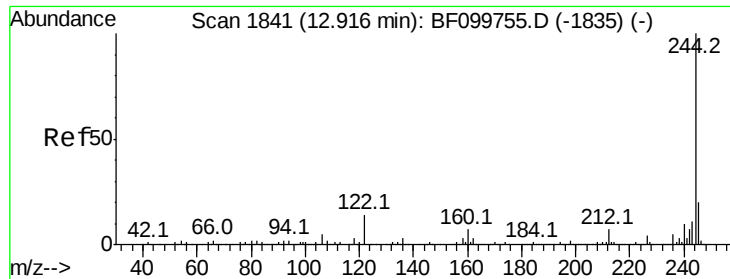
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BF100255.D
Acq: 6 Nov 2017 17:18

Tgt Ion:240 Resp: 273388
Ion Ratio Lower Upper
240 100
120 12.7 9.5 14.3
236 24.3 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: 63.577 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF100255.D

Acq: 6 Nov 2017 17:18

Instrument :

BNA_F

ClientSampleId :

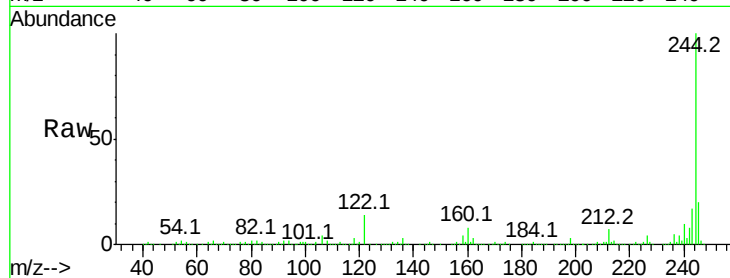
Tot Ion:244 Resp: 795340

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.0

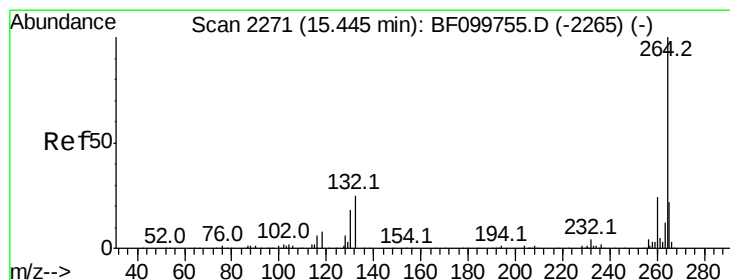
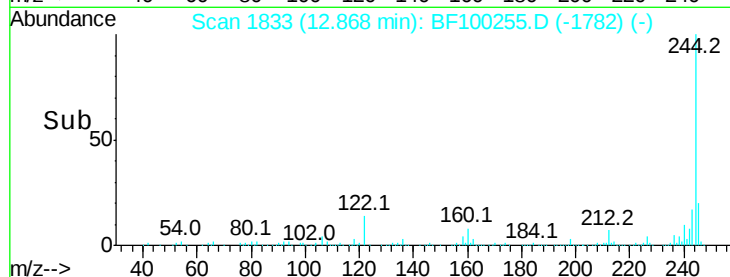
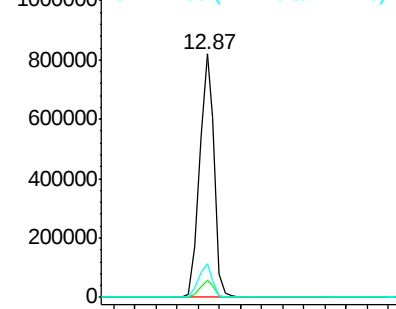
122 13.7 11.0 16.4



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: 15.40 min Scan# 2264

Delta R.T. -0.00 min

Lab File: BF100255.D

Acq: 6 Nov 2017 17:18

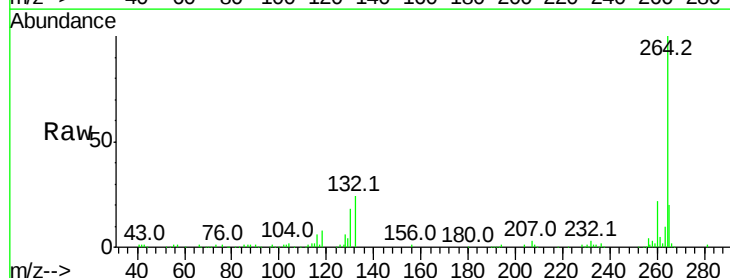
Tgt Ion:264 Resp: 196253

Ion Ratio Lower Upper

264 100

260 22.3 19.2 28.8

265 20.3 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

