

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102517\
 Data File : BF099851.D
 Acq On : 26 Oct 2017 9:49
 Operator : SJ/JU
 Sample : I6057-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 26 11:17:49 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 25 17:02:52 2017
 Response via : Initial Calibration

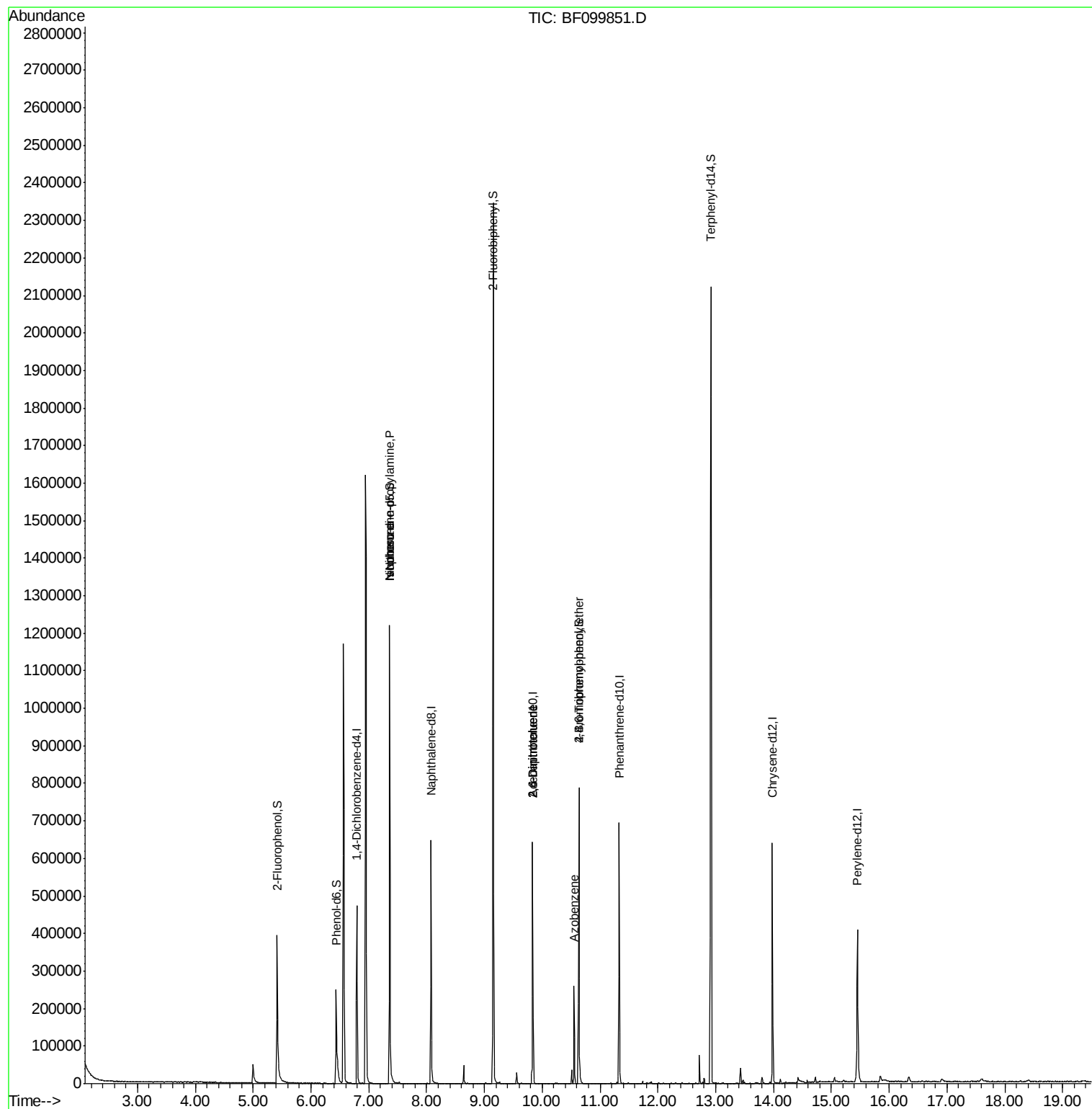
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	73156	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	299575	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	136750	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	245336	20.00	ng	0.00
75) Chrysene-d12	13.98	240	218325	20.00	ng	0.00
86) Perylene-d12	15.45	264	191907	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	179533	38.53	ng	0.00
7) Phenol-d6	6.43	99	128914	23.33	ng	0.00
23) Nitrobenzene-d5	7.36	82	399715	85.90	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	102706	82.41	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	799110	90.16	ng	0.00
78) Terphenyl-d14	12.92	244	771873	77.26	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	48657	15.028	ng	# 71
25) Isophorone	7.36	82	399715	47.340	ng	# 64
50) 2,6-Dinitrotoluene	9.83	165	17018	7.475	ng	# 24
56) 2,4-Dinitrotoluene	9.83	165	17018	6.207	ng	# 21
62) Azobenzene	10.55	77	41123	4.639	ng	# 1
66) 4-Bromophenyl-phenylether	10.63	248	6404	2.479	ng	# 1

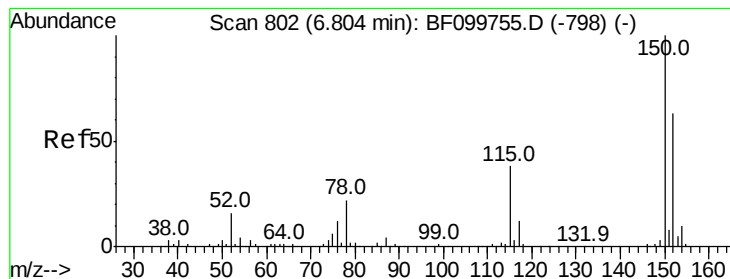
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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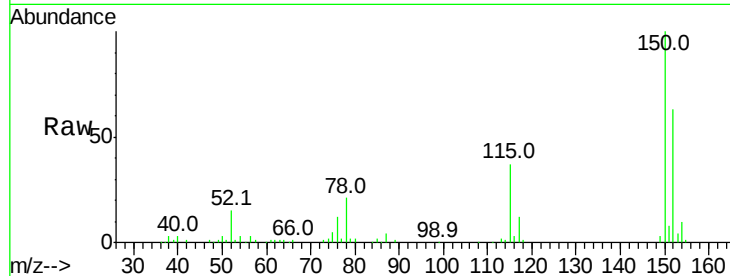


#1

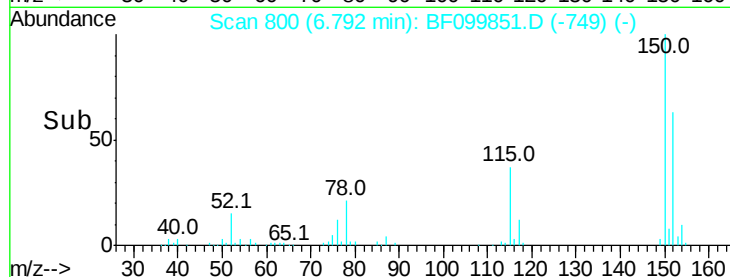
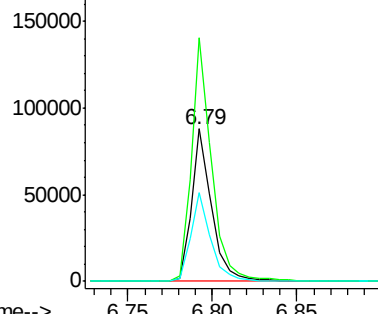
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 800
Delta R.T. -0.00 min
Lab File: BF099851.D
Acq: 26 Oct 2017 9:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 73156
Ion Ratio Lower Upper
152 100
150 159.7 124.6 186.8
115 58.4 50.1 75.1



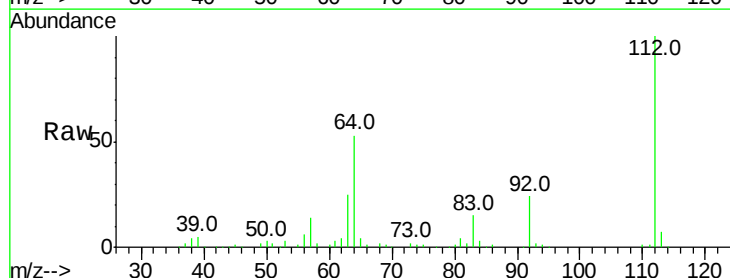
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



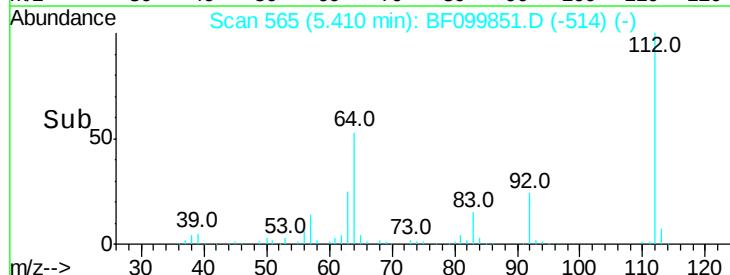
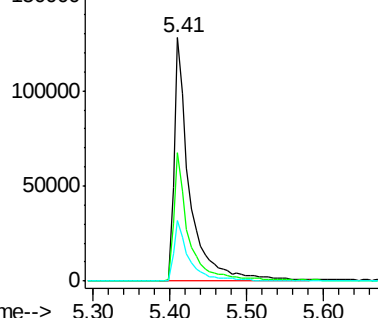
#5

2-Fluorophenol
Concen: 38.529 ng
RT: 5.41 min Scan# 565
Delta R.T. 0.00 min
Lab File: BF099851.D
Acq: 26 Oct 2017 9:49

Tgt Ion:112 Resp: 179533
Ion Ratio Lower Upper
112 100
64 52.9 47.9 71.9
63 24.9 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 23.332 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF099851.D

Acq: 26 Oct 2017 9:49

Instrument :

BNA_F

ClientSampled :

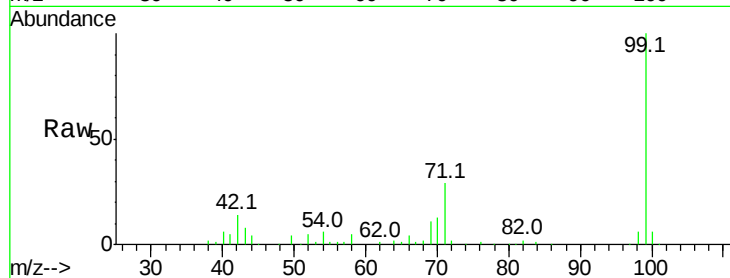
Tot Ion: 99 Resp: 128914

Ion Ratio Lower Upper

99 100

42 13.7 14.5 21.7#

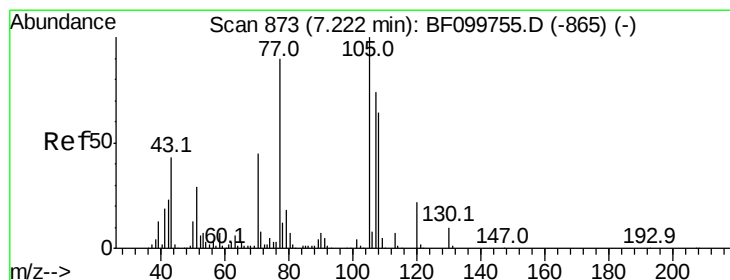
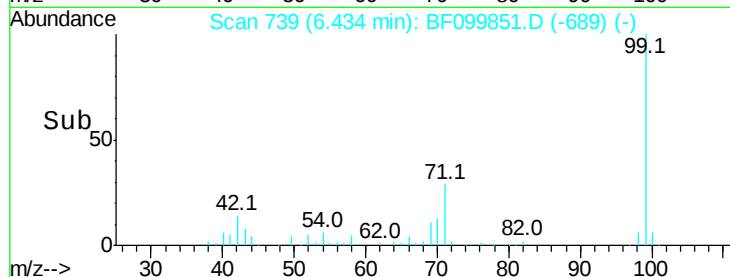
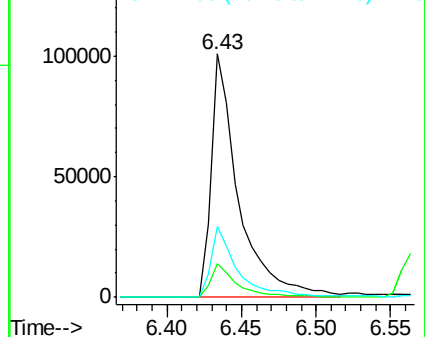
71 29.0 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 15.028 ng

RT: 7.36 min Scan# 897

Delta R.T. 0.15 min

Lab File: BF099851.D

Acq: 26 Oct 2017 9:49

Tgt Ion: 70 Resp: 48657

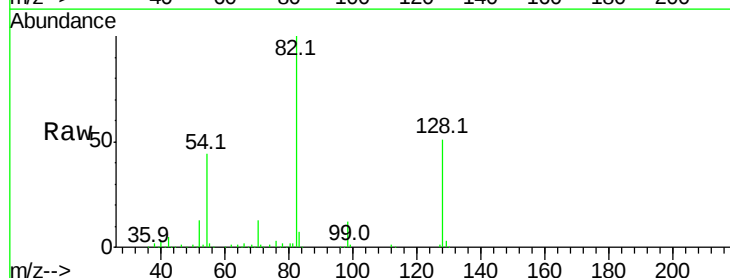
Ion Ratio Lower Upper

70 100

42 40.0 47.5 71.3#

101 0.0 7.4 11.2#

130 2.8 16.6 25.0#

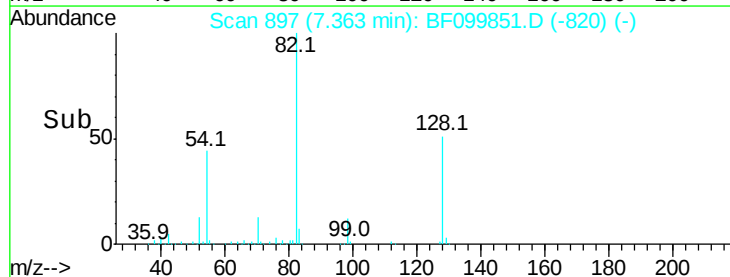
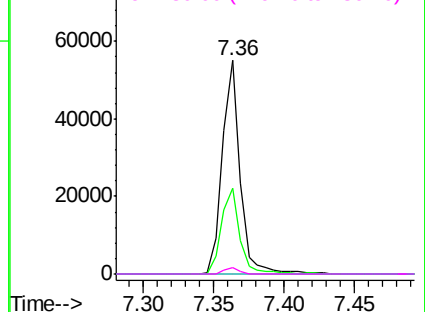


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

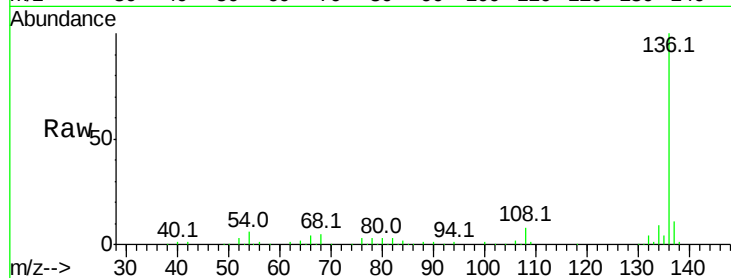




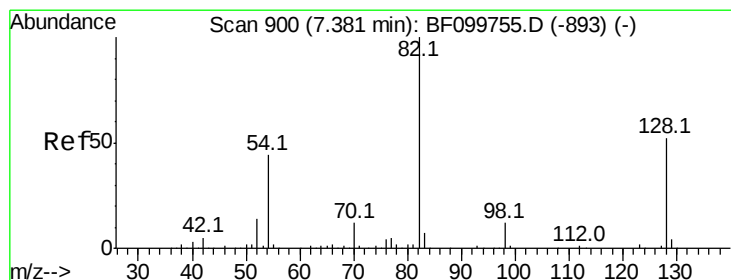
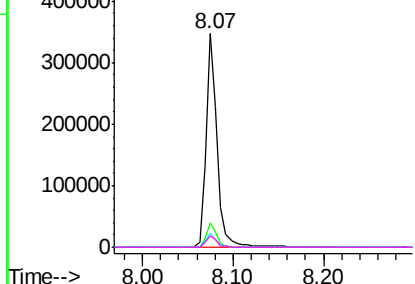
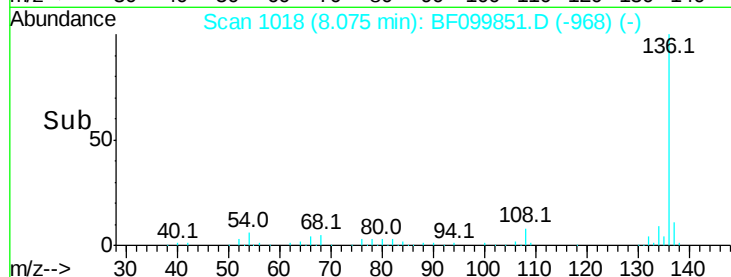
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF099851.D
Acq: 26 Oct 2017 9:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:	136	Resp:	299575
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	6.4	6.6	9.8#
68	5.5	5.0	7.4

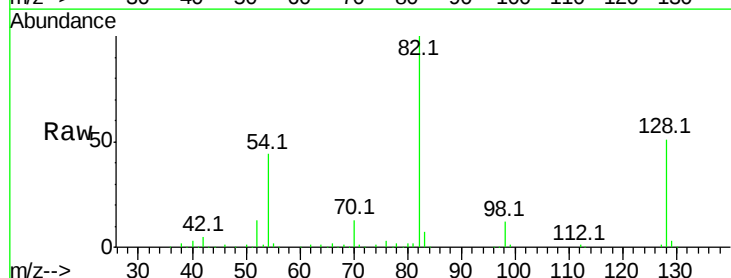


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

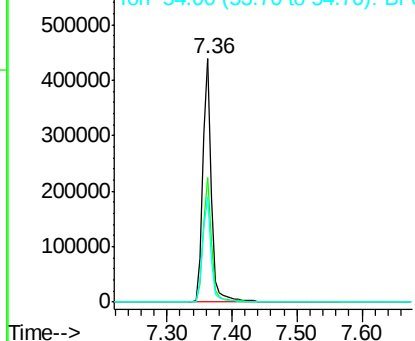
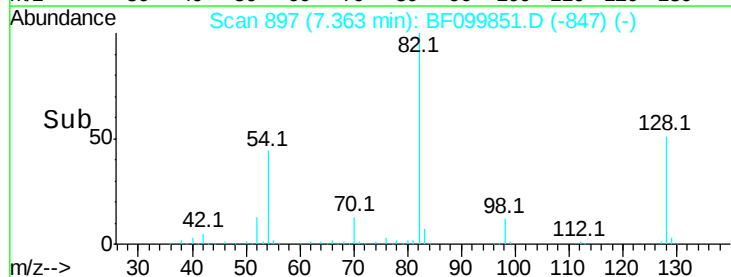


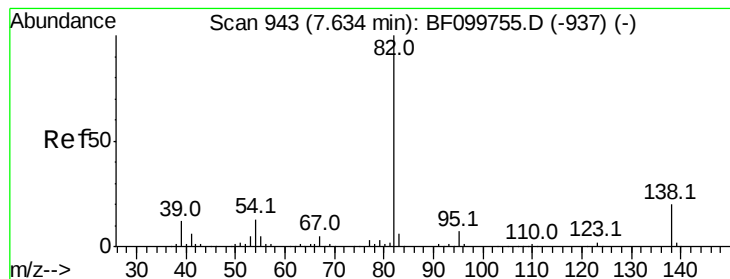
#23
Nitrobenzene-d5
Concen: 85.901 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF099851.D
Acq: 26 Oct 2017 9:49

Tgt Ion:	82	Resp:	399715
Ion	Ratio	Lower	Upper
82	100		
128	51.2	36.1	54.1
54	43.5	41.4	62.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 47.340 ng

RT: 7.36 min Scan# 897

Delta R.T. -0.26 min

Lab File: BF099851.D

Acq: 26 Oct 2017 9:49

Instrument :

BNA_F

ClientSampled :

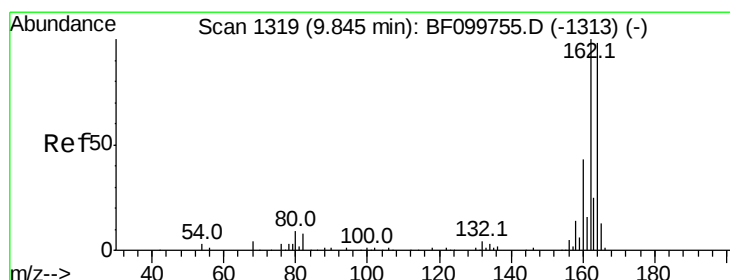
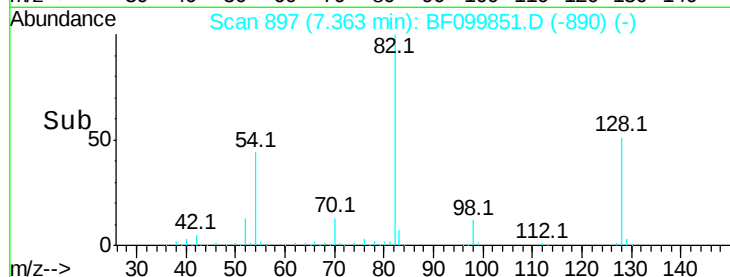
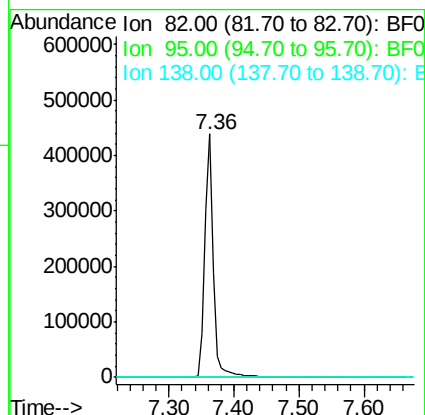
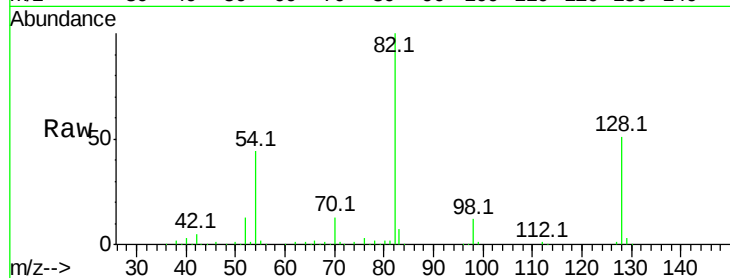
Tot Ion: 82 Resp: 399715

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: 9.83 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BF099851.D

Acq: 26 Oct 2017 9:49

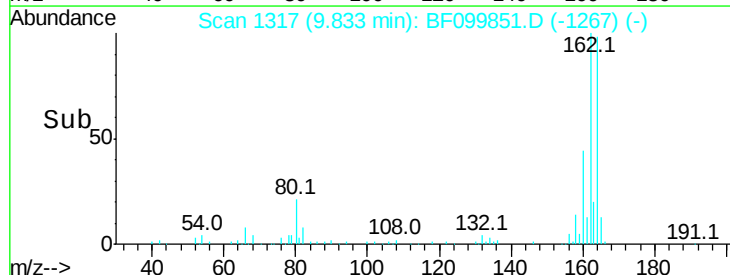
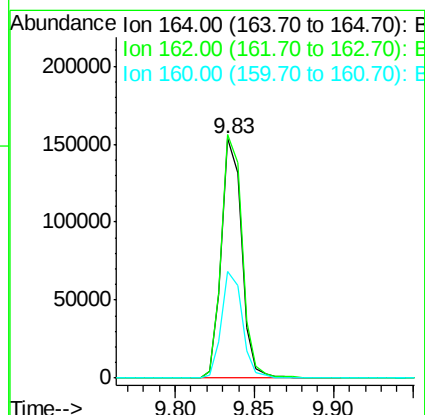
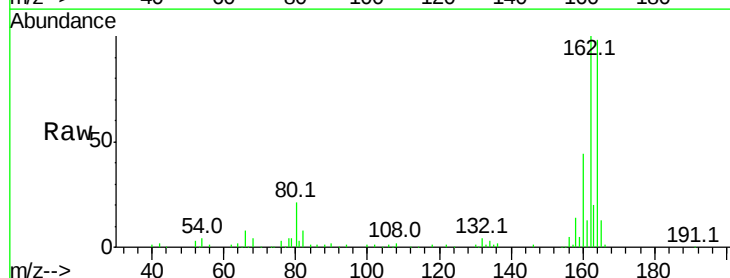
Tgt Ion:164 Resp: 136750

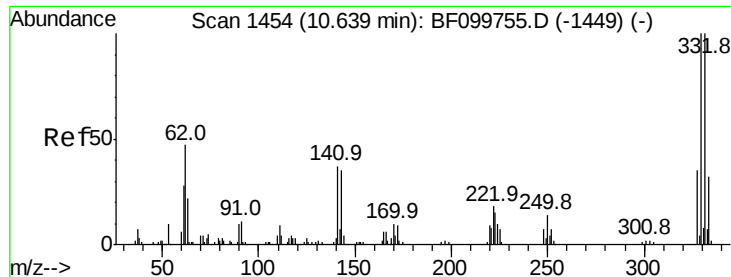
Ion Ratio Lower Upper

164 100

162 101.7 86.1 129.1

160 44.8 38.3 57.5

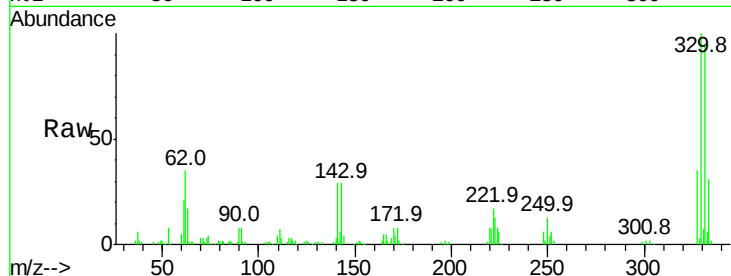




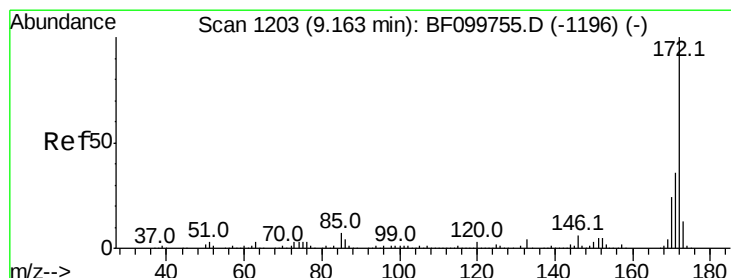
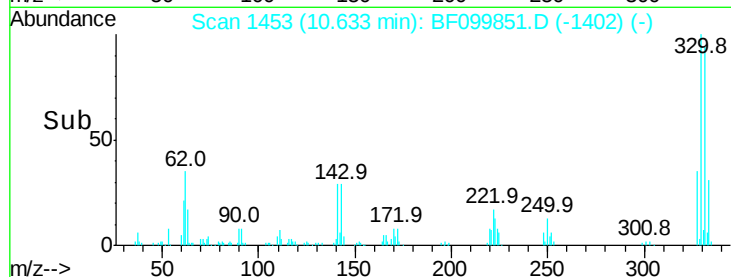
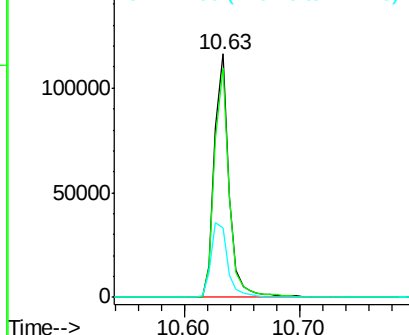
#41
 2,4,6-Tribromophenol
 Concen: 82.414 ng
 RT: 10.63 min Scan# 1453
 Delta R.T. 0.00 min
 Lab File: BF099851.D
 Acq: 26 Oct 2017 9:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	35.0	29.9	44.9

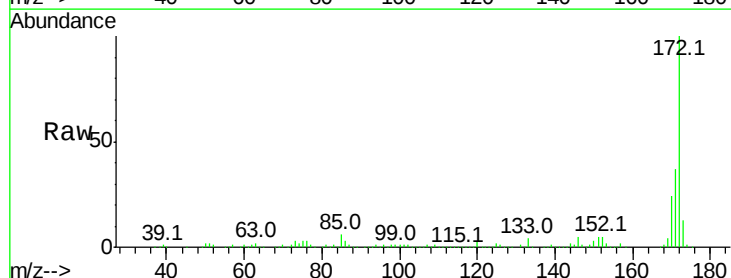


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

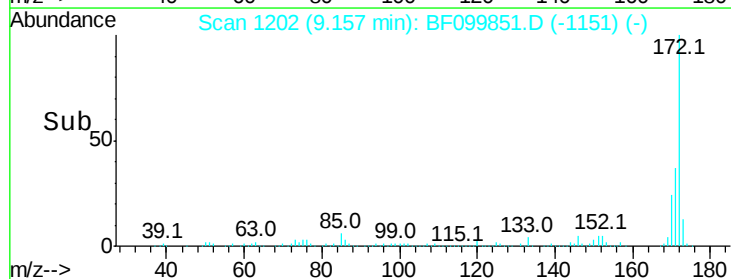
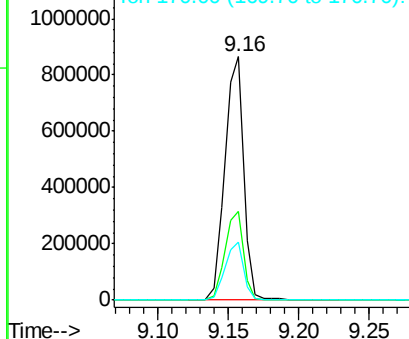


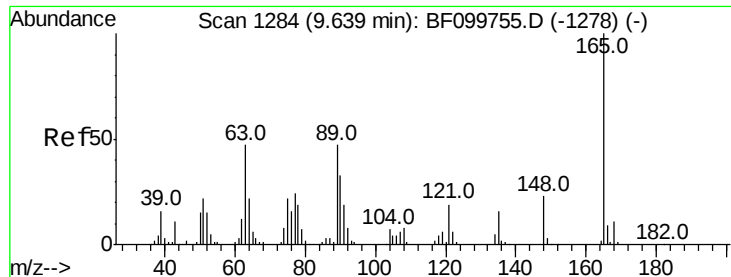
#44
 2-Fluorobiphenyl
 Concen: 90.157 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.00 min
 Lab File: BF099851.D
 Acq: 26 Oct 2017 9:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.7	44.5
170	23.9	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

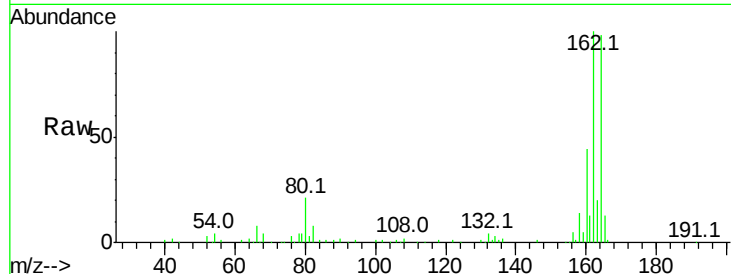




#50
 2,6-Dinitrotoluene
 Concen: 7.475 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.20 min
 Lab File: BF099851.D
 Acq: 26 Oct 2017 9:49

Instrument :
 BNA_F
 ClientSampled :

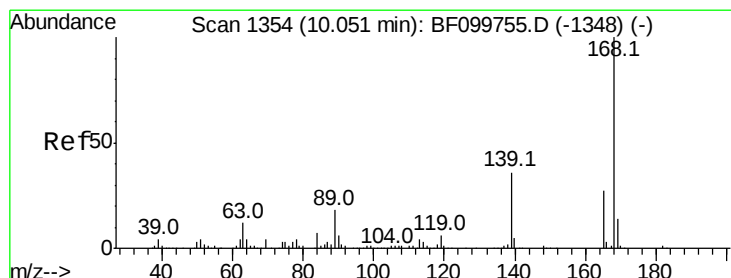
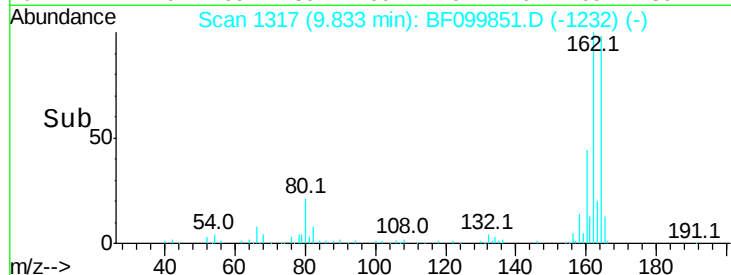
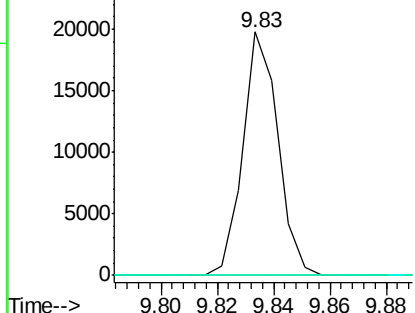
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	0.0	44.0	66.0#



Abundance Ion 165.00 (164.70 to 165.70): E

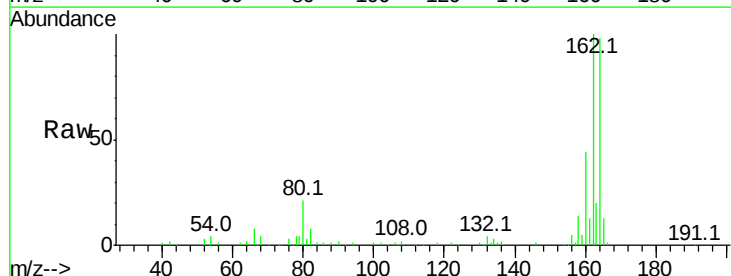
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.207 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. -0.21 min
 Lab File: BF099851.D
 Acq: 26 Oct 2017 9:49

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#

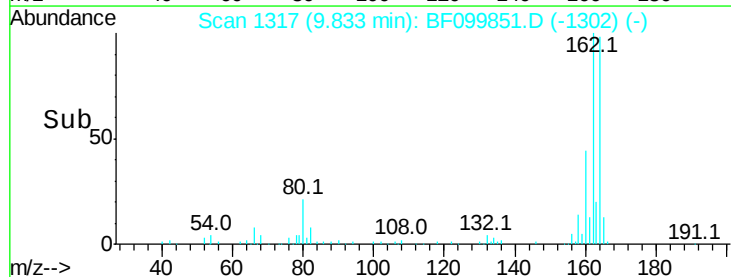
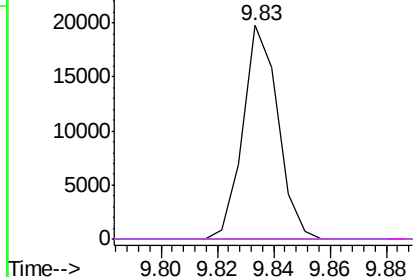


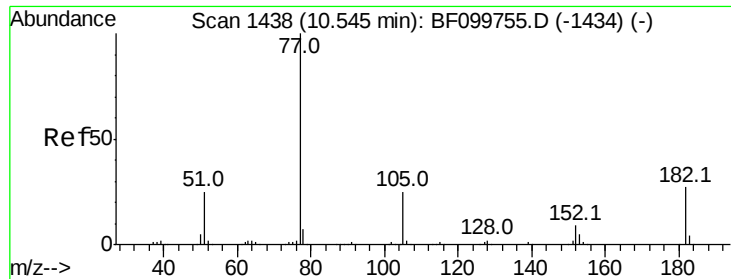
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

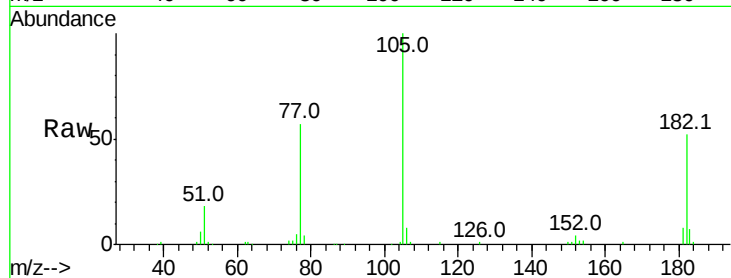




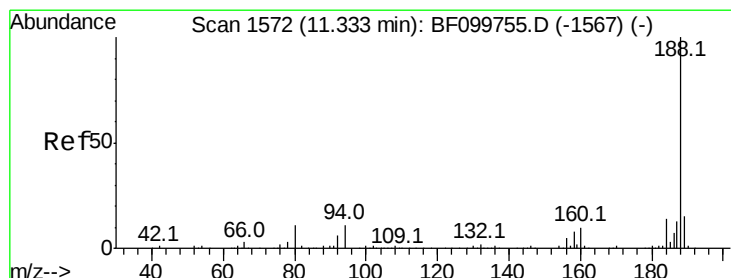
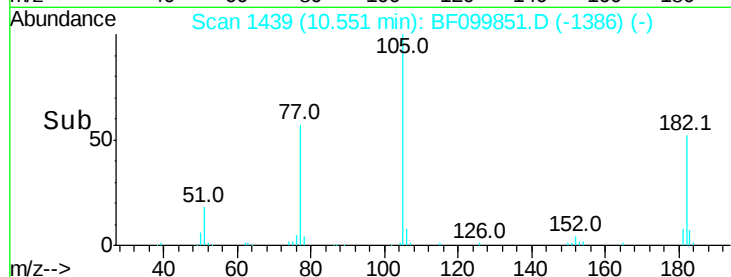
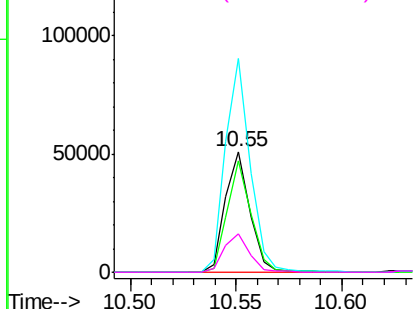
#62
Azobenzene
Concen: 4.639 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.01 min
Lab File: BF099851.D
Acq: 26 Oct 2017 9:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 41123
Ion Ratio Lower Upper
77 100
182 92.1 1.7 41.7#
105 176.6 3.0 43.0#
51 31.6 9.9 49.9

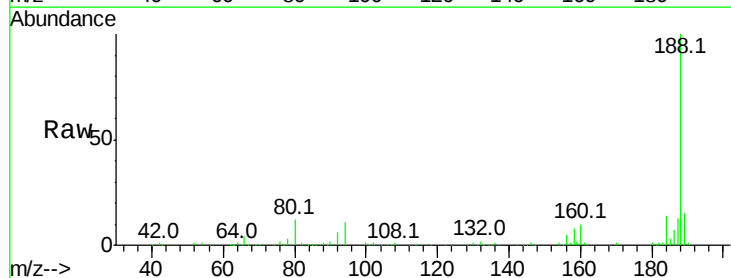


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

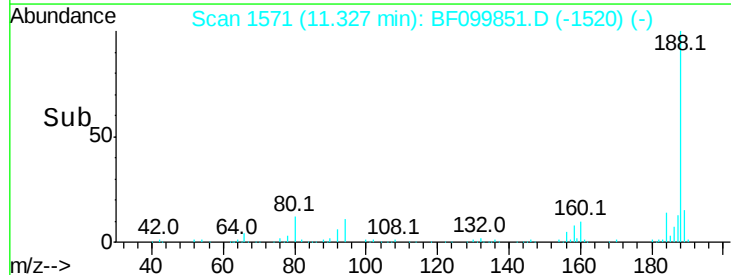
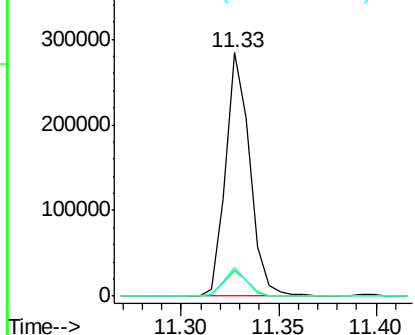


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1571
Delta R.T. -0.00 min
Lab File: BF099851.D
Acq: 26 Oct 2017 9:49

Tgt Ion: 188 Resp: 245336
Ion Ratio Lower Upper
188 100
94 10.8 8.5 12.7
80 11.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

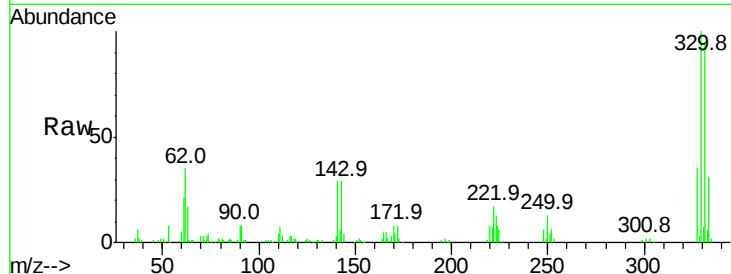




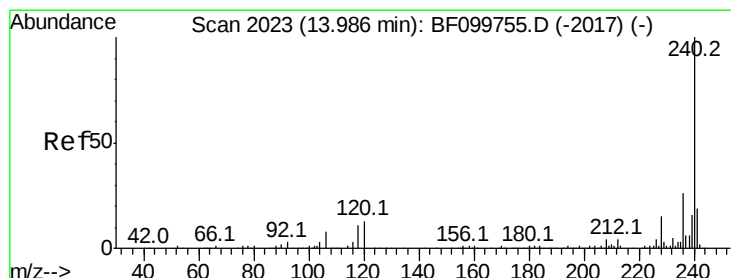
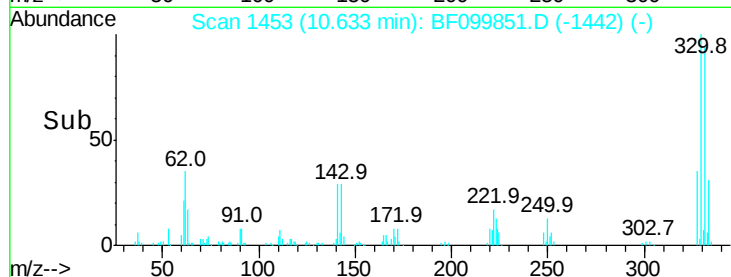
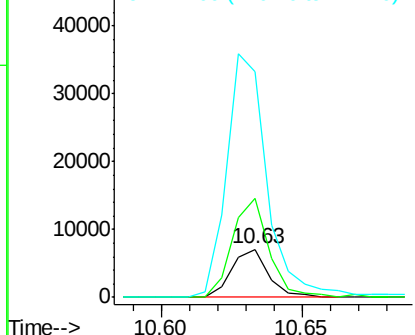
#66
4-Bromophenyl-phenylether
Concen: 2.479 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.24 min
Lab File: BF099851.D
Acq: 26 Oct 2017 9:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 6404
Ion Ratio Lower Upper
248 100
250 206.9 76.9 115.3#
141 471.5 74.4 111.6#

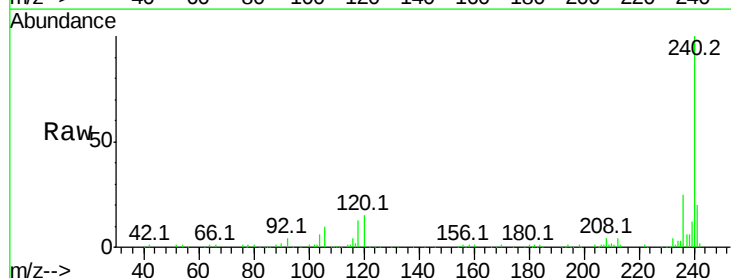


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

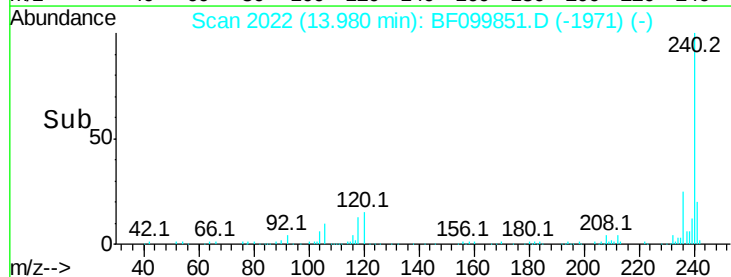
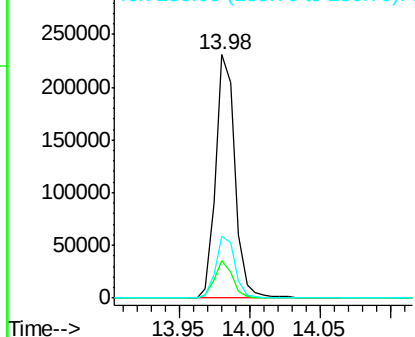


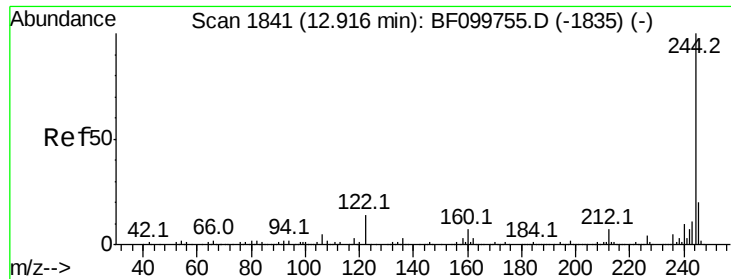
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.00 min
Lab File: BF099851.D
Acq: 26 Oct 2017 9:49

Tgt Ion:240 Resp: 218325
Ion Ratio Lower Upper
240 100
120 15.2 9.5 14.3#
236 25.4 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

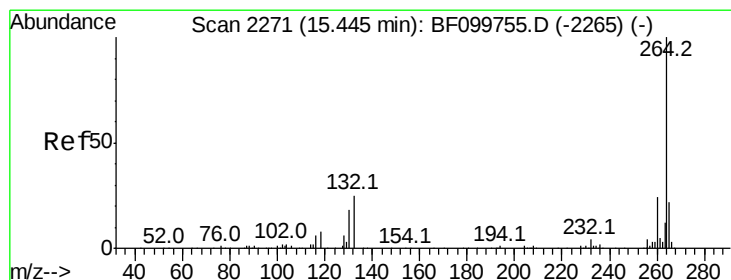
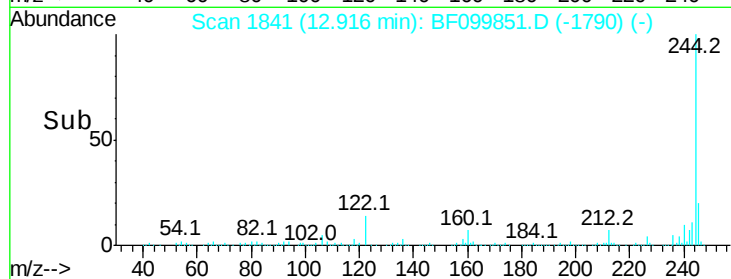
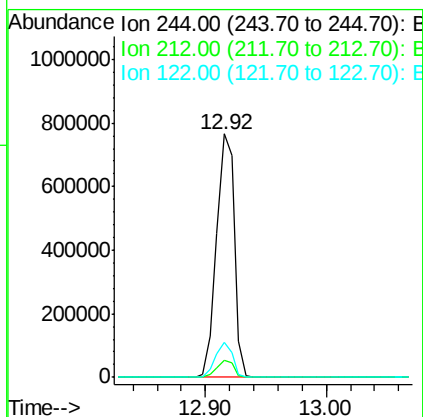
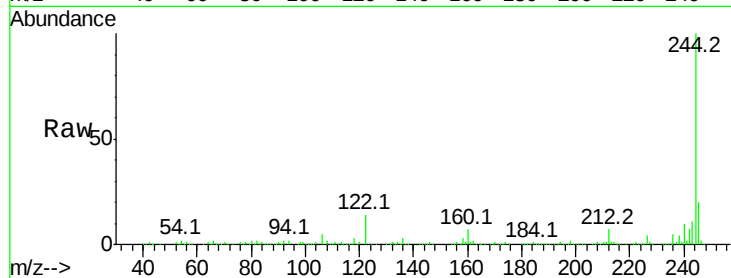




#78
 Terphenyl-d14
 Concen: 77.262 ng
 RT: 12.92 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BF099851.D
 Acq: 26 Oct 2017 9:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:244 Resp: 771873
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 14.3 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.45 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: BF099851.D
 Acq: 26 Oct 2017 9:49

Tgt Ion:264 Resp: 191907
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.2 28.8
 265 20.4 17.5 26.3

