

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101117\
 Data File : BF099355.D
 Acq On : 11 Oct 2017 20:11
 Operator : SJ/JU
 Sample : PB103175BL
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 00:50:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 16:25:21 2017
 Response via : Initial Calibration

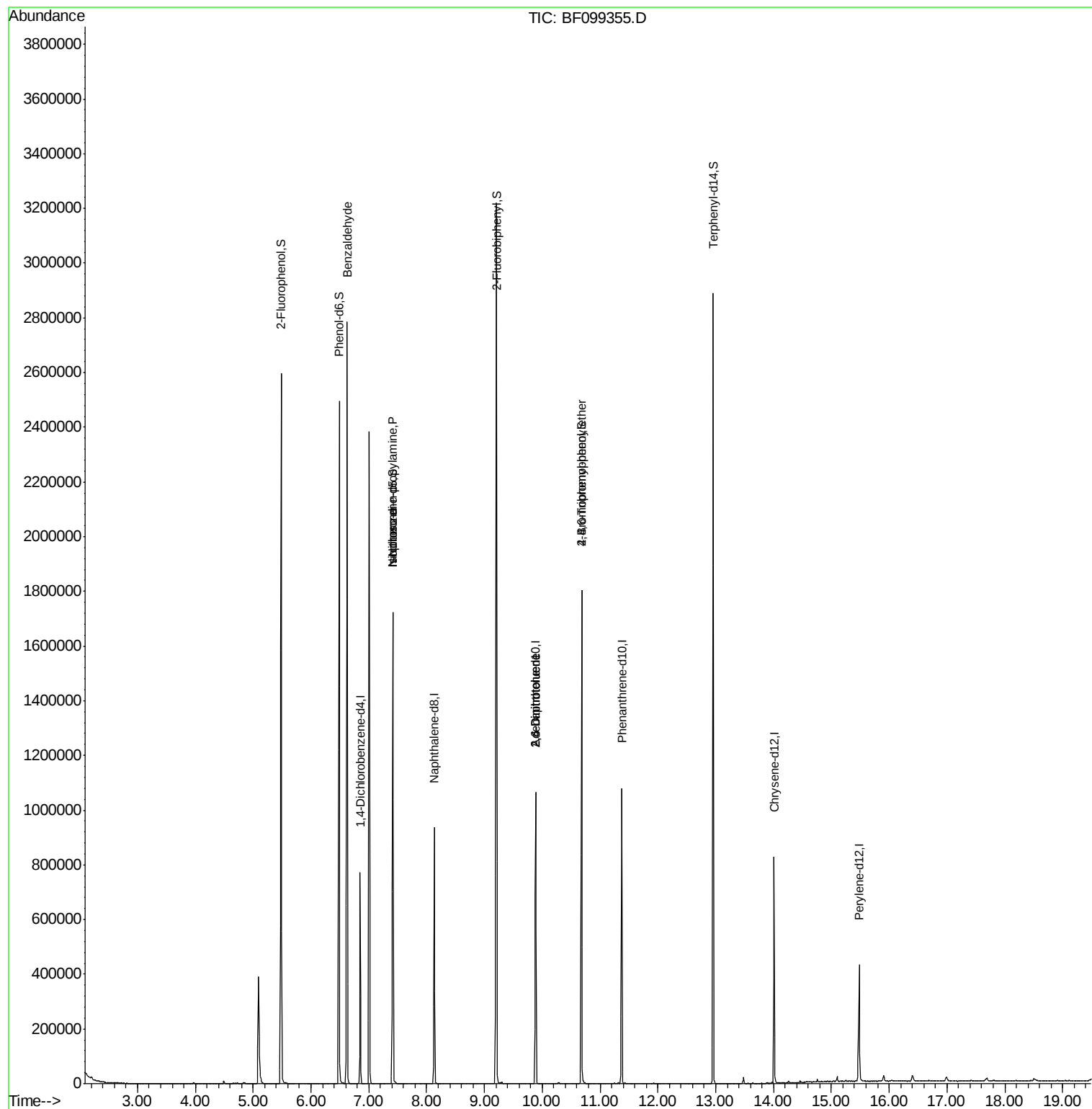
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	111593	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	456624	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	206954	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	380079	20.00	ng	0.00
75) Chrysene-d12	14.01	240	270396	20.00	ng	0.00
86) Perylene-d12	15.48	264	182596	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	884058	126.11	ng	0.02
7) Phenol-d6	6.49	99	1062771	122.90	ng	0.00
23) Nitrobenzene-d5	7.42	82	631312	88.66	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	232966	137.57	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1202261	96.98	ng	0.00
78) Terphenyl-d14	12.96	244	1068036	89.83	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.62	77	17376	3.46	ng	83
19) n-Nitroso-di-n-propylamine	7.42	70	79504	14.40	ng	# 75
25) Isophorone	7.42	82	631308	42.88	ng	# 64
50) 2,6-Dinitrotoluene	9.89	165	26504	7.79	ng	# 25
56) 2,4-Dinitrotoluene	9.89	165	26504	6.01	ng	# 23
66) 4-Bromophenyl-phenylether	10.68	248	15370	4.13	ng	# 1

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

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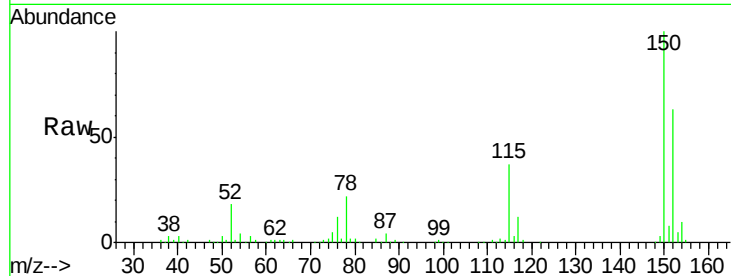


#1

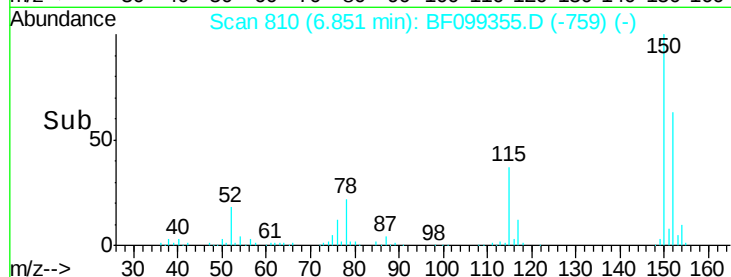
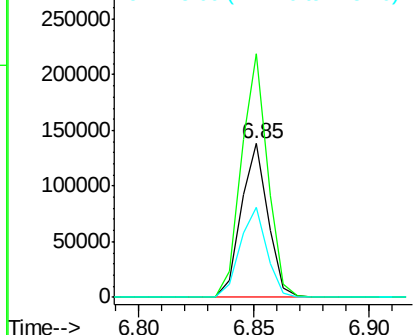
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.00 min
Lab File: BF099355.D
Acq: 11 Oct 2017 20:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 111593
Ion Ratio Lower Upper
152 100
150 158.3 124.6 186.8
115 58.8 50.1 75.1



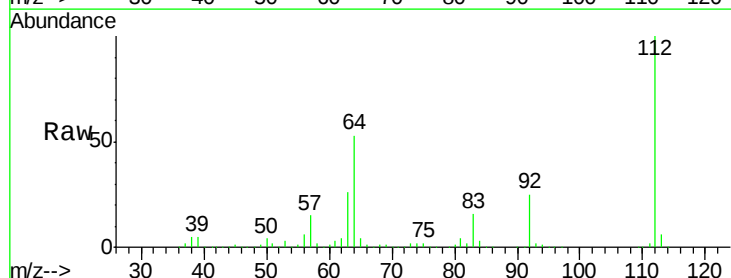
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



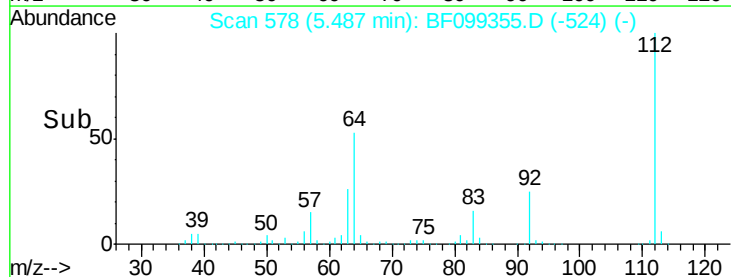
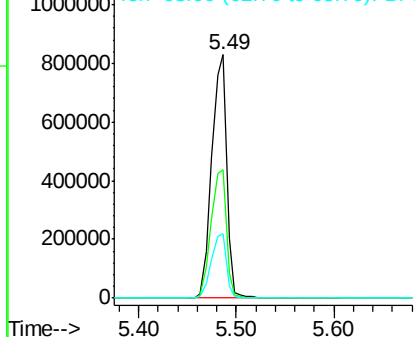
#5

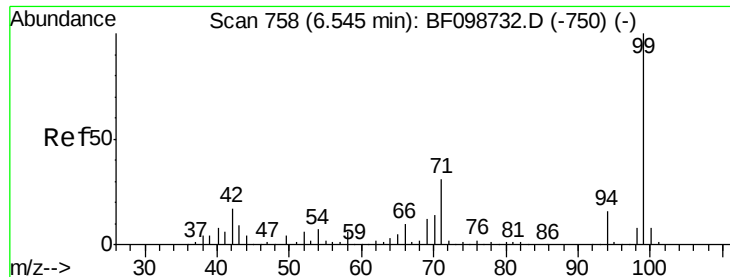
2-Fluorophenol
Concen: 126.11 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.02 min
Lab File: BF099355.D
Acq: 11 Oct 2017 20:11

Tgt Ion:112 Resp: 884058
Ion Ratio Lower Upper
112 100
64 52.6 47.9 71.9
63 26.2 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: 122.90 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF099355.D

Acq: 11 Oct 2017 20:11

Instrument :

BNA_F

ClientSampleId :

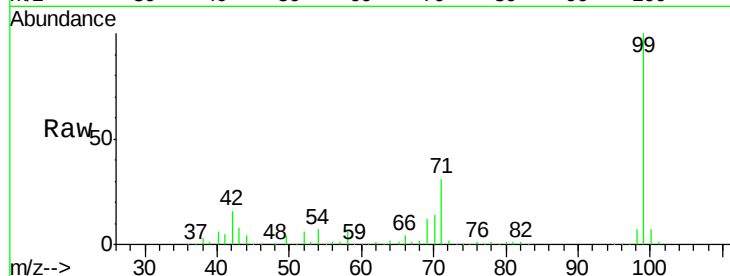
Tot Ion: 99 Resp: 1062771

Ion Ratio Lower Upper

99 100

42 15.6 14.5 21.7

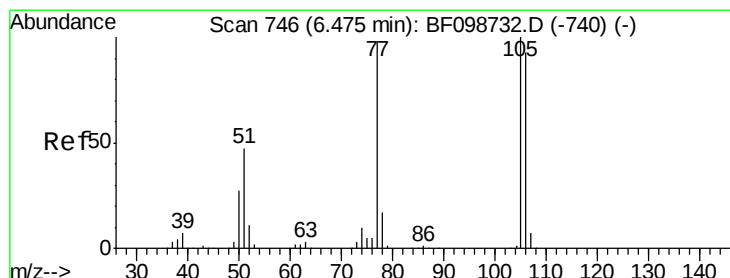
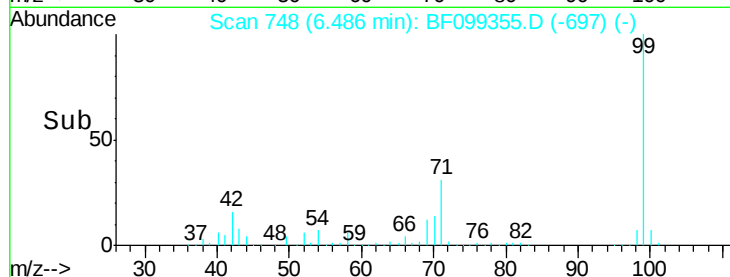
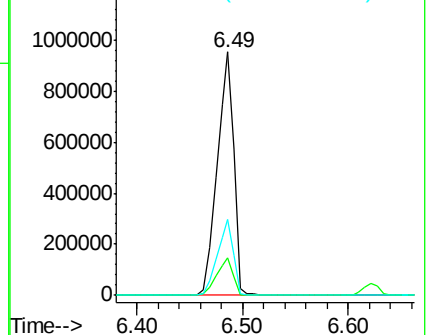
71 31.2 25.4 38.0



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



#9

Benzaldehyde

Concen: 3.46 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.21 min

Lab File: BF099355.D

Acq: 11 Oct 2017 20:11

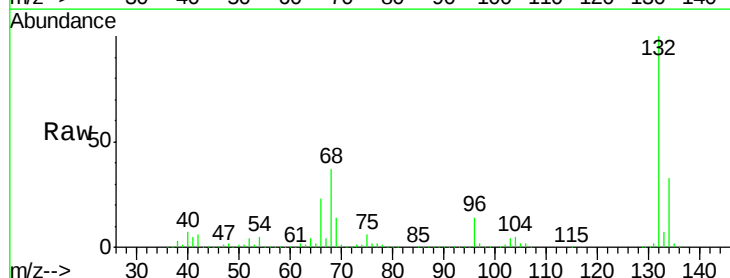
Tgt Ion: 77 Resp: 17376

Ion Ratio Lower Upper

77 100

105 82.2 81.1 121.1

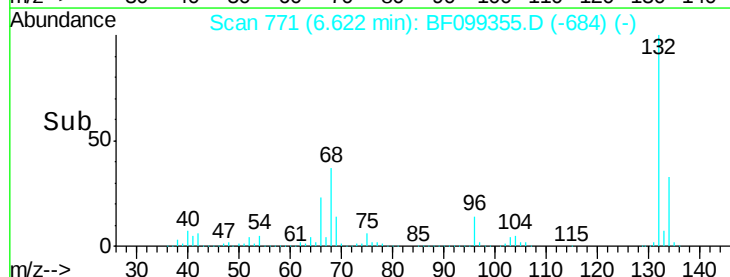
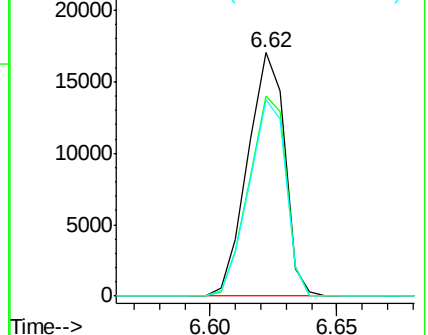
106 80.6 74.5 114.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B

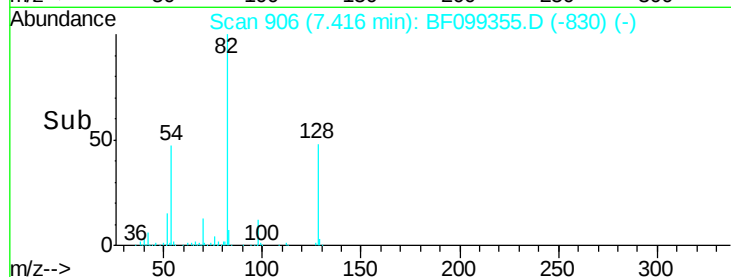
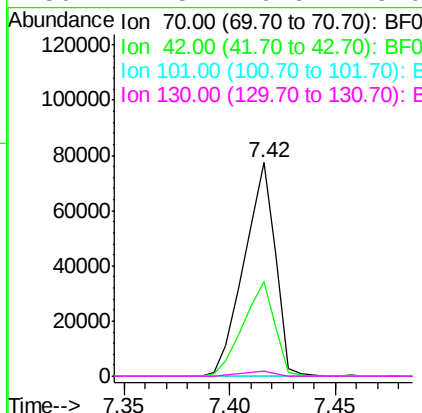
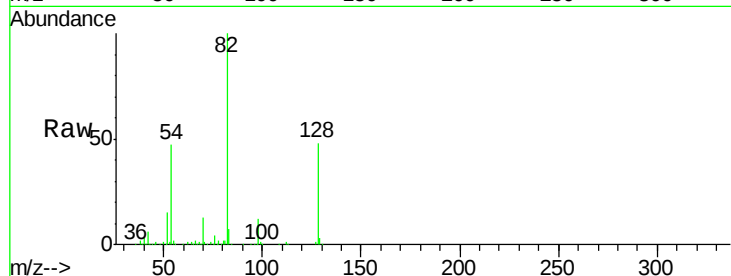




#19
n-Nitroso-di-n-propylamine
Concen: 14.40 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.15 min
Lab File: BF099355.D
Acq: 11 Oct 2017 20:11

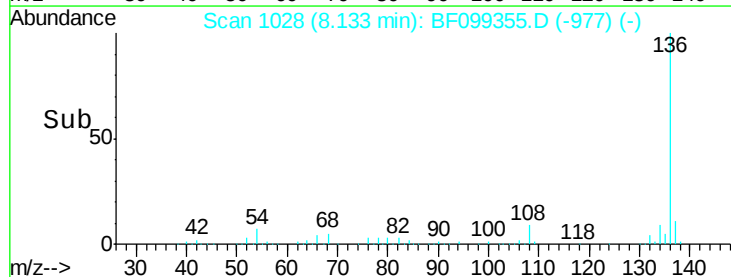
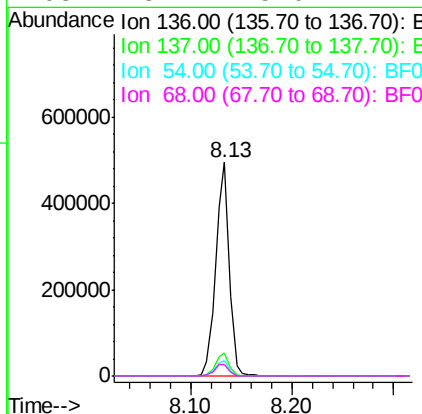
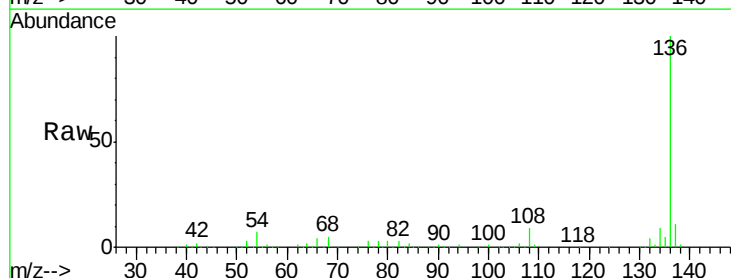
Instrument :
BNA_F
ClientSampled :

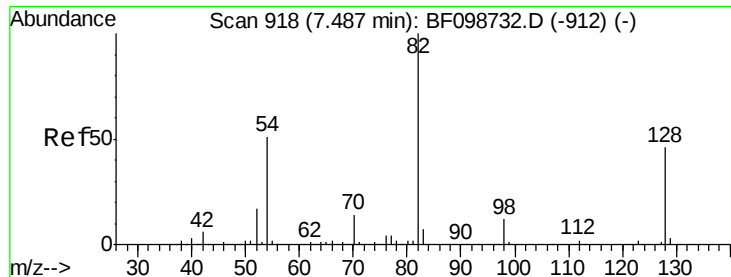
Tot Ion: 70 Resp: 79504
Ion Ratio Lower Upper
70 100
42 44.4 47.5 71.3#
101 0.0 7.4 11.2#
130 2.5 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF099355.D
Acq: 11 Oct 2017 20:11

Tgt Ion: 136 Resp: 456624
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.0 6.6 9.8
68 5.4 5.0 7.4

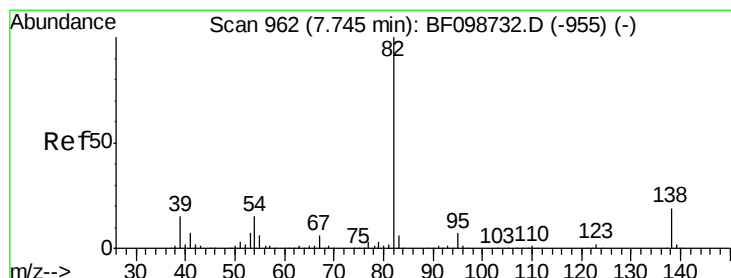
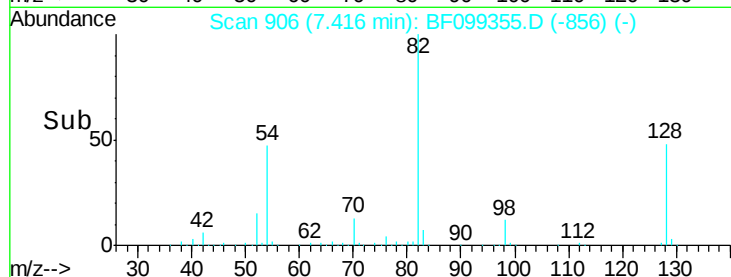
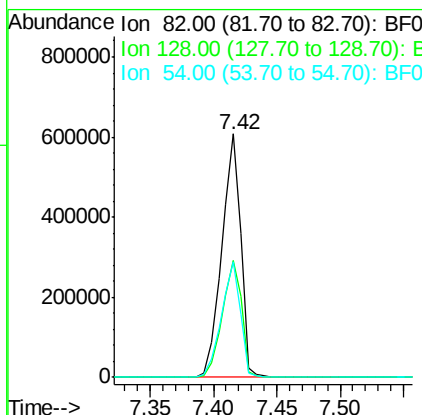
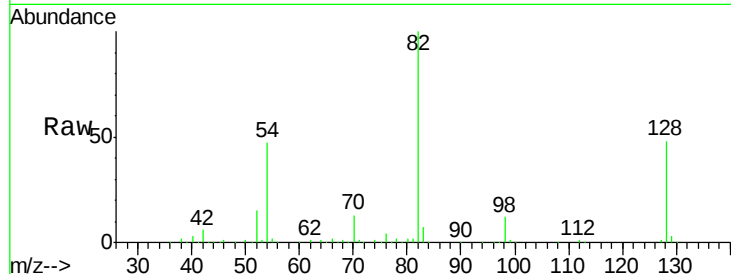




#23
Nitrobenzene-d5
Concen: 88.66 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF099355.D
Acq: 11 Oct 2017 20:11

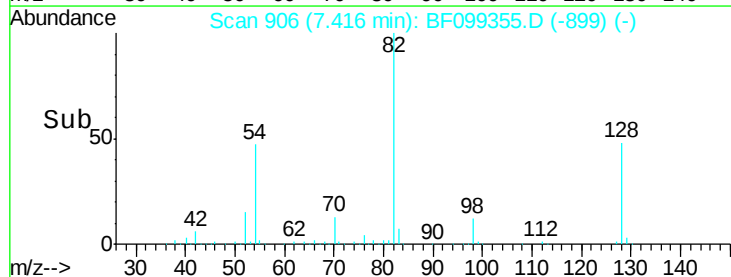
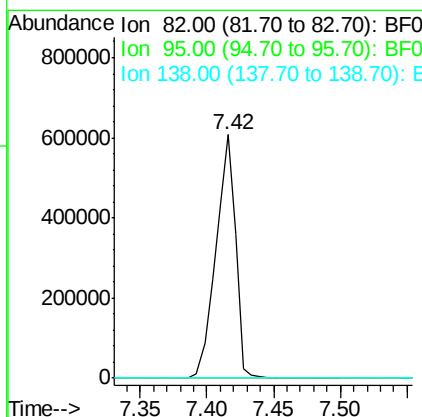
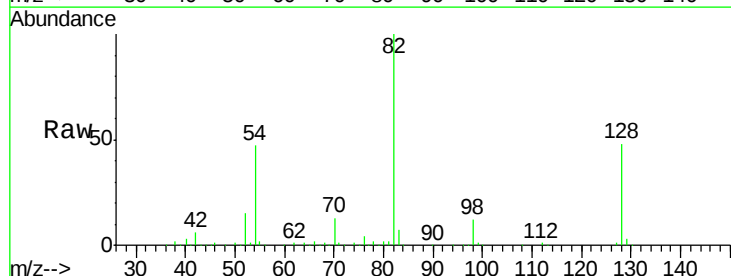
Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	631312
Ion Ratio	100	Lower	Upper
128	47.9	36.1	54.1
54	47.4	41.4	62.2



#25
Isophorone
Concen: 42.88 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.26 min
Lab File: BF099355.D
Acq: 11 Oct 2017 20:11

Tgt Ion	82	Resp	631308
Ion Ratio	100	Lower	Upper
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

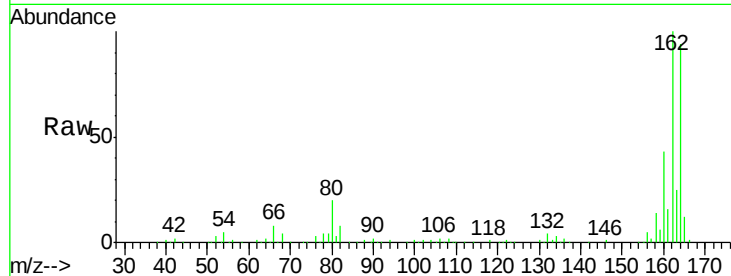




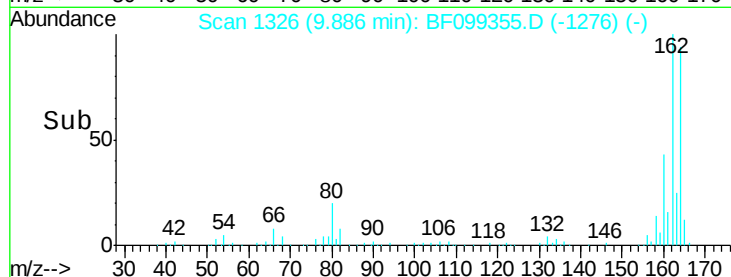
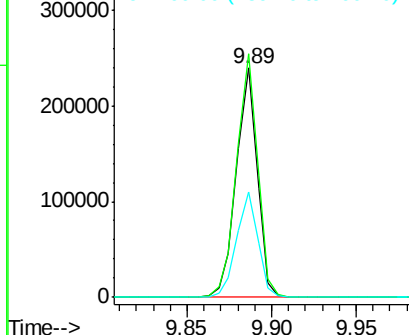
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.01 min
 Lab File: BF099355.D
 Acq: 11 Oct 2017 20:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 206954
 Ion Ratio Lower Upper
 164 100
 162 106.3 86.1 129.1
 160 45.8 38.3 57.5

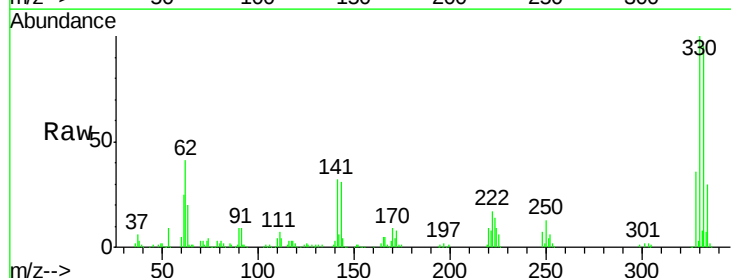


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

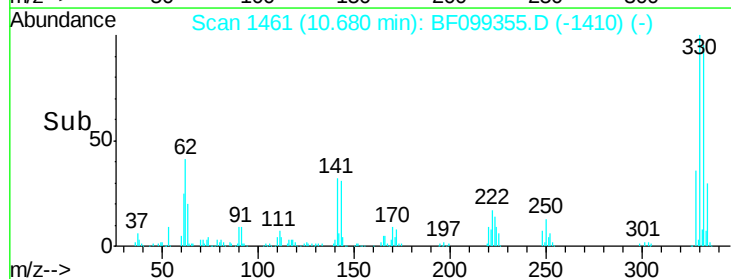
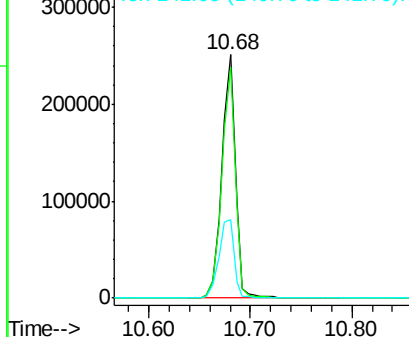


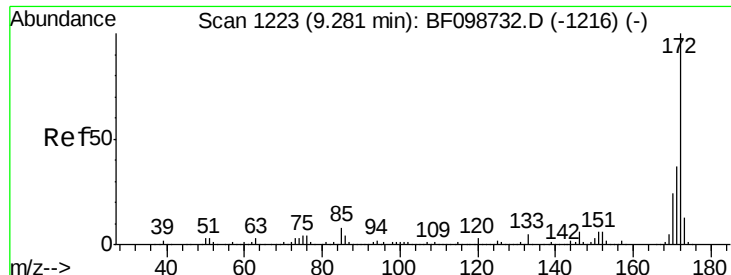
#41
 2,4,6-Tribromophenol
 Concen: 137.57 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. -0.00 min
 Lab File: BF099355.D
 Acq: 11 Oct 2017 20:11

Tgt Ion:330 Resp: 232966
 Ion Ratio Lower Upper
 330 100
 332 94.7 77.0 115.6
 141 36.5 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

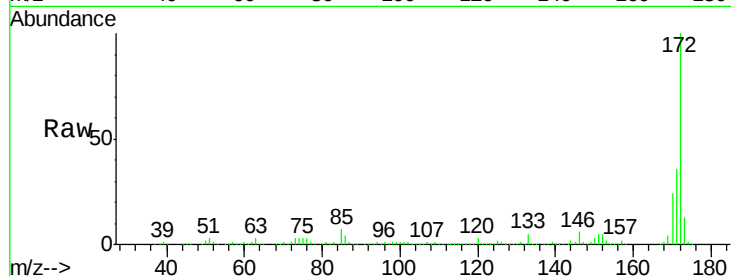




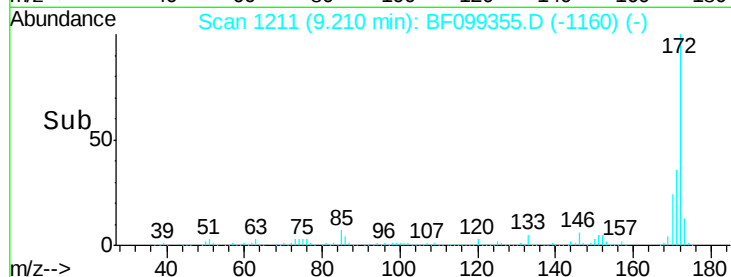
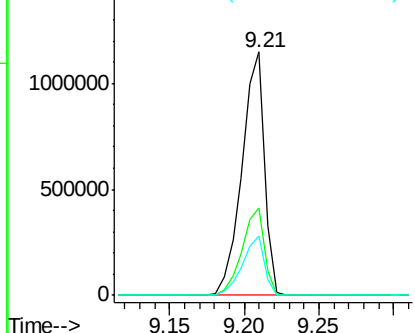
#44
 2-Fluorobiphenyl
 Concen: 96.98 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF099355.D
 Acq: 11 Oct 2017 20:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1202261
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.7 44.5
 170 24.3 19.6 29.4

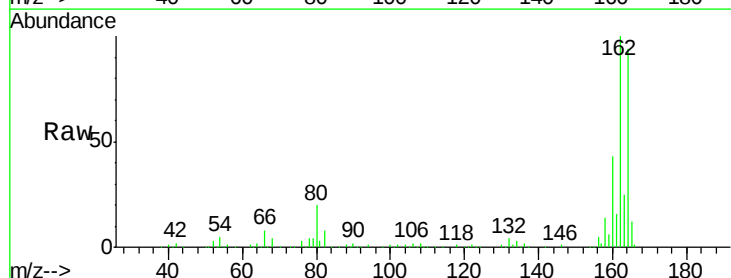


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

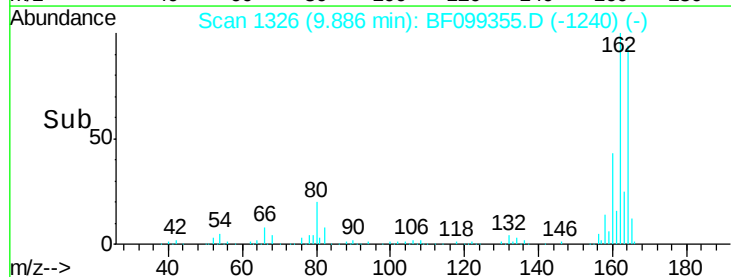
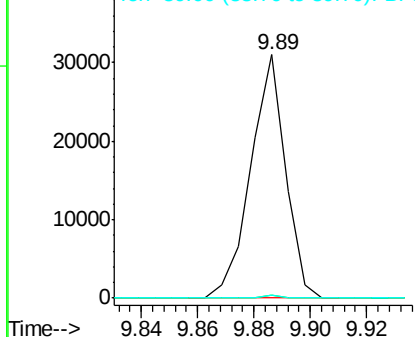


#50
 2,6-Dinitrotoluene
 Concen: 7.79 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. 0.21 min
 Lab File: BF099355.D
 Acq: 11 Oct 2017 20:11

Tgt Ion:165 Resp: 26504
 Ion Ratio Lower Upper
 165 100
 63 1.1 44.7 67.1#
 89 1.0 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

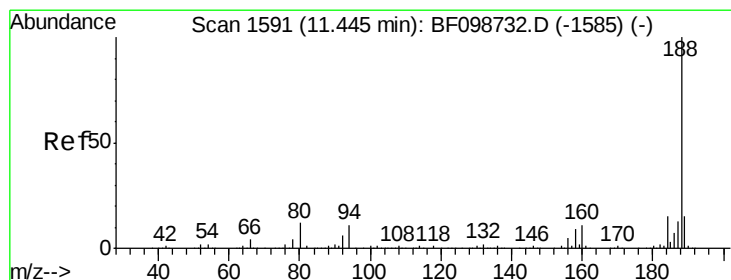
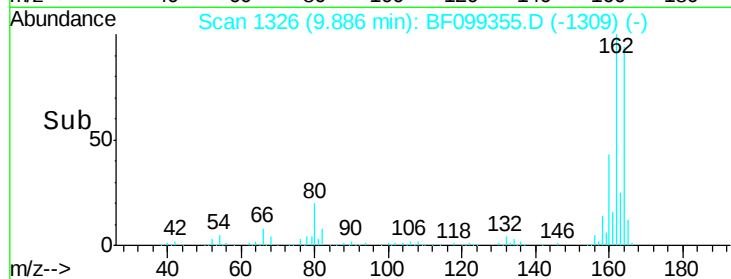
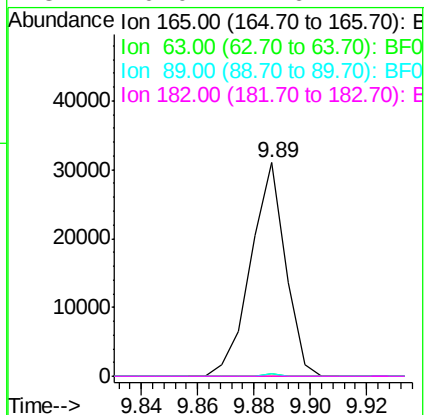
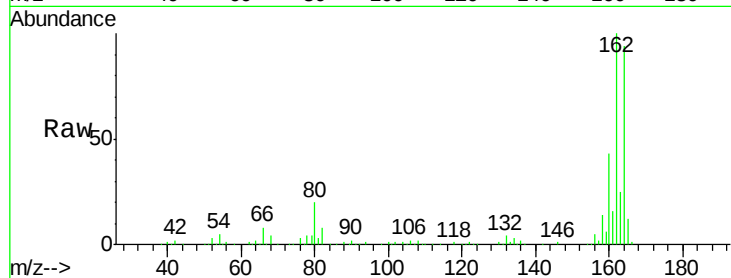




#56
 2,4-Dinitrotoluene
 Concen: 6.01 ng
 RT: 9.89 min Scan# 1326
 Delta R.T. -0.20 min
 Lab File: BF099355.D
 Acq: 11 Oct 2017 20:11

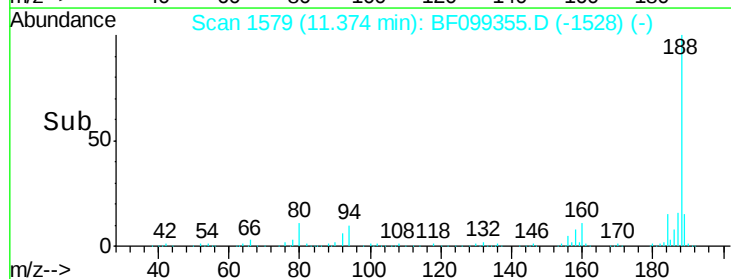
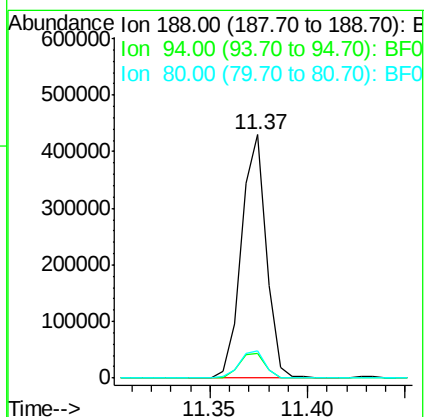
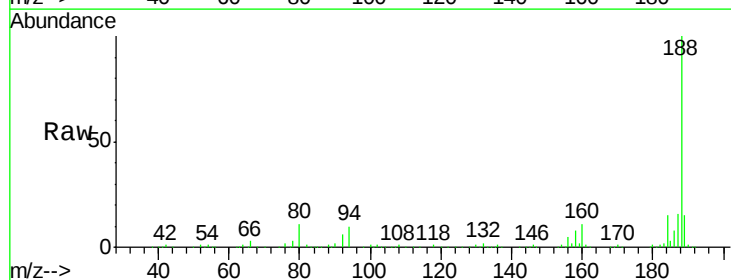
Instrument :
 BNA_F
 ClientSampleId :

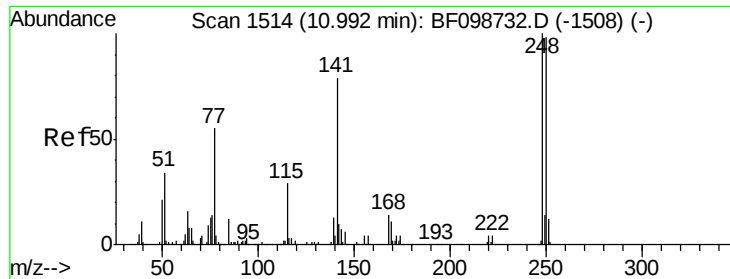
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.1	36.4	54.6#
89	1.0	57.8	86.6#
182	0.0	1.6	2.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. -0.00 min
 Lab File: BF099355.D
 Acq: 11 Oct 2017 20:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.5	12.7
80	11.1	9.2	13.8

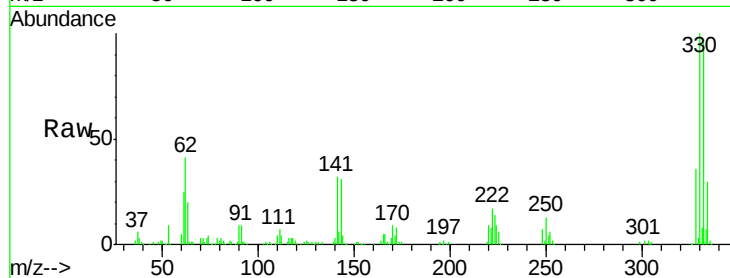




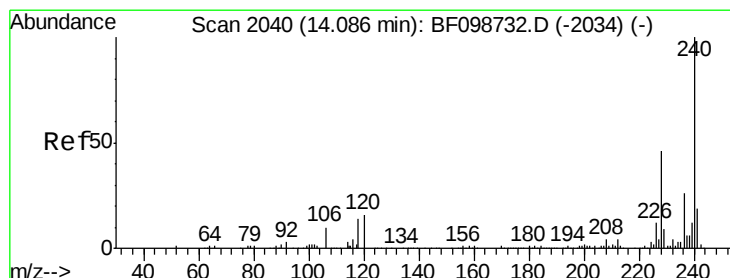
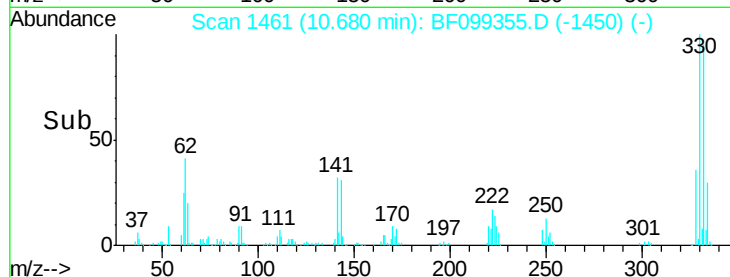
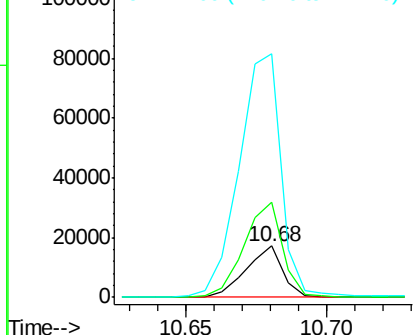
#66
4-Bromophenyl-phenylether
Concen: 4.13 ng
RT: 10.68 min Scan# 1461
Delta R.T. -0.24 min
Lab File: BF099355.D
Acq: 11 Oct 2017 20:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15370
Ion Ratio Lower Upper
248 100
250 185.7 76.9 115.3#
141 477.5 74.4 111.6#

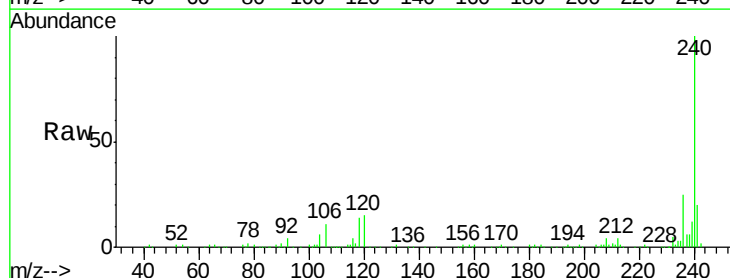


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

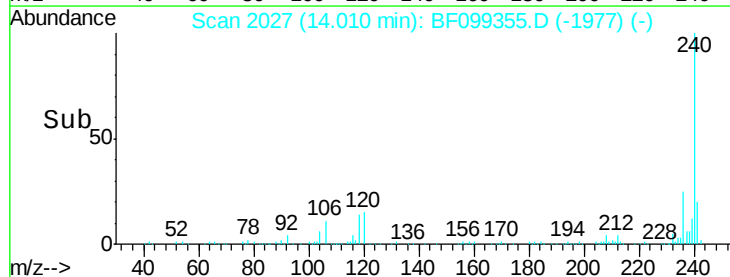
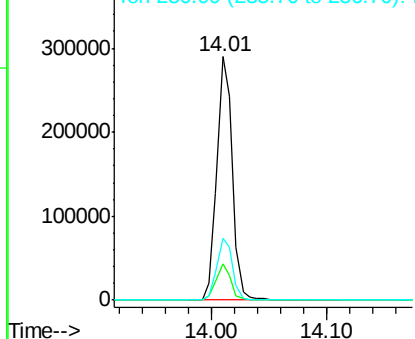


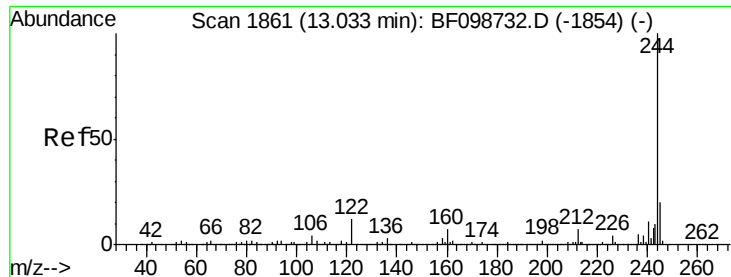
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF099355.D
Acq: 11 Oct 2017 20:11

Tgt Ion:240 Resp: 270396
Ion Ratio Lower Upper
240 100
120 15.0 9.5 14.3#
236 25.3 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

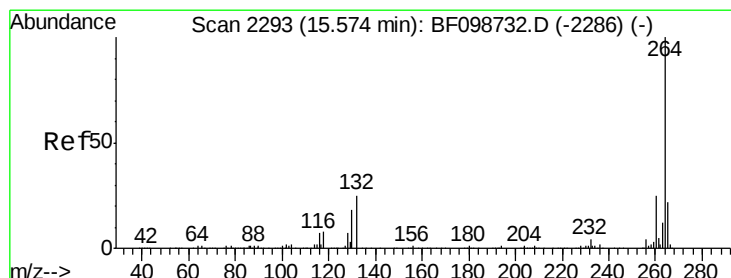
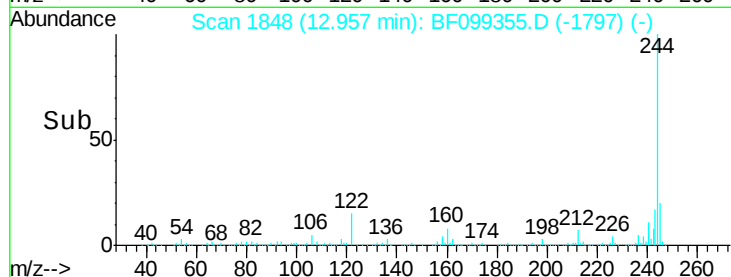
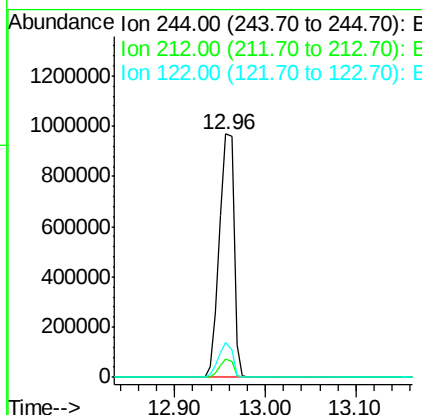
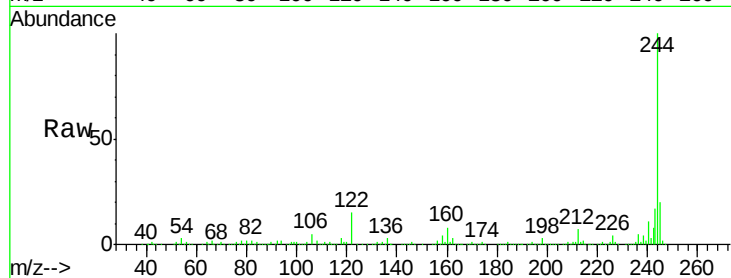




#78
 Terphenyl-d14
 Concen: 89.83 ng
 RT: 12.96 min Scan# 1848
 Delta R.T. -0.00 min
 Lab File: BF099355.D
 Acq: 11 Oct 2017 20:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1068036
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.4 8.0
 122 14.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 2277
 Delta R.T. -0.00 min
 Lab File: BF099355.D
 Acq: 11 Oct 2017 20:11

Tgt Ion:264 Resp: 182596
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.9 17.5 26.3

