

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100040.D
 Acq On : 1 Nov 2017 10:43
 Operator : SJ/JU
 Sample : I6092-10
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 14:09:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

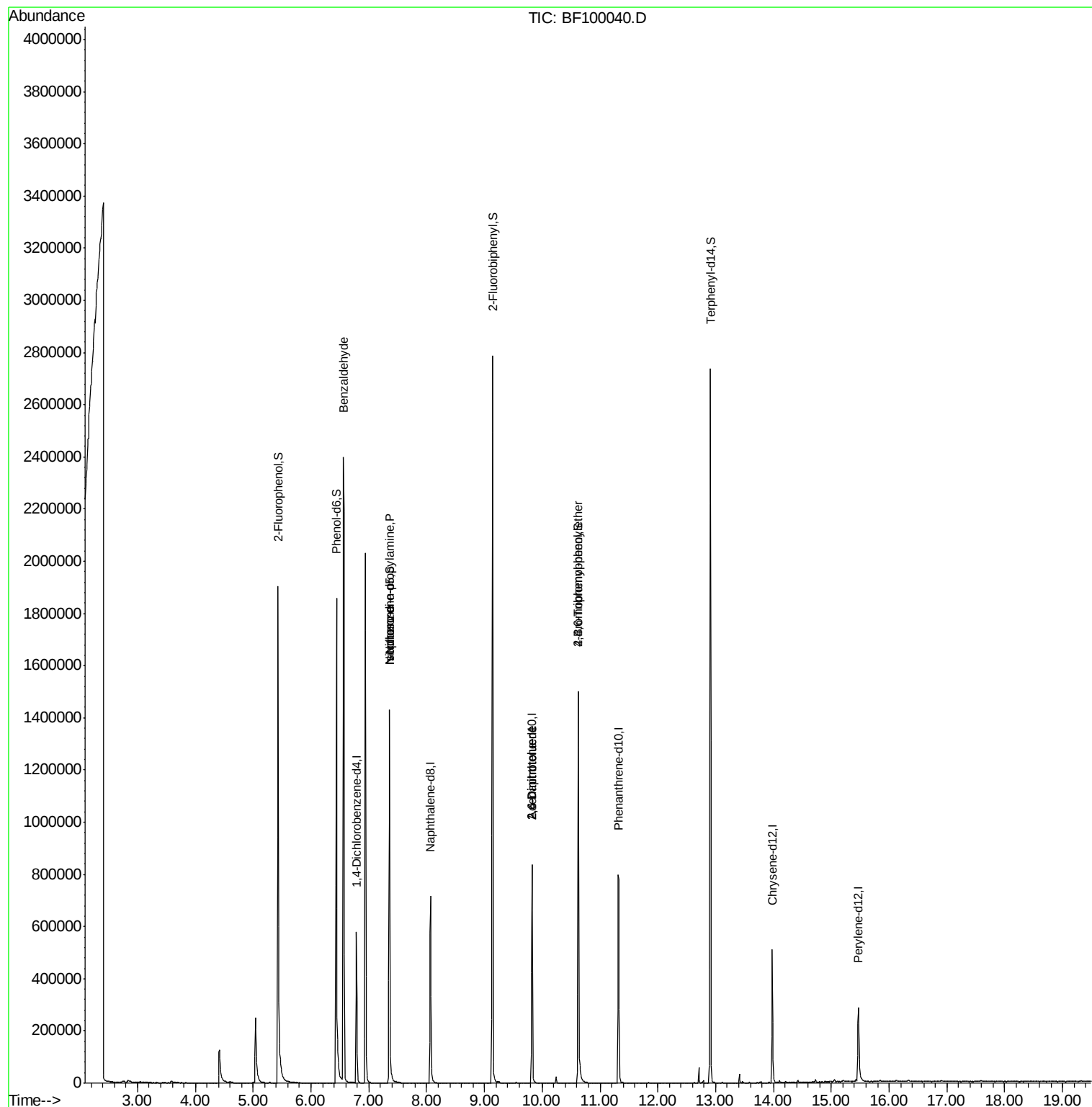
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	95662	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	398538	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	188981	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	342729	20.00	ng	0.00
75) Chrysene-d12	13.98	240	214322	20.00	ng	0.00
86) Perylene-d12	15.47	264	167377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	783720	128.62	ng	0.02
7) Phenol-d6	6.44	99	854394	118.26	ng	0.00
23) Nitrobenzene-d5	7.36	82	568106	91.77	ng	0.00
41) 2,4,6-Tribromophenol	10.63	330	248434	144.25	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	1183415	96.61	ng	0.00
78) Terphenyl-d14	12.91	244	1034084	105.44	ng	0.00
Target Compounds						
9) Benzaldehyde	6.56	77	14174	3.283	ng	89
19) n-Nitroso-di-n-propylamine	7.36	70	71749	16.946	ng	# 70
25) Isophorone	7.36	82	568098	50.575	ng	# 64
50) 2,6-Dinitrotoluene	9.82	165	23106	7.344	ng	# 24
56) 2,4-Dinitrotoluene	9.82	165	23106	6.098	ng	# 21
66) 4-Bromophenyl-phenylether	10.62	248	15534	4.305	ng	# 1

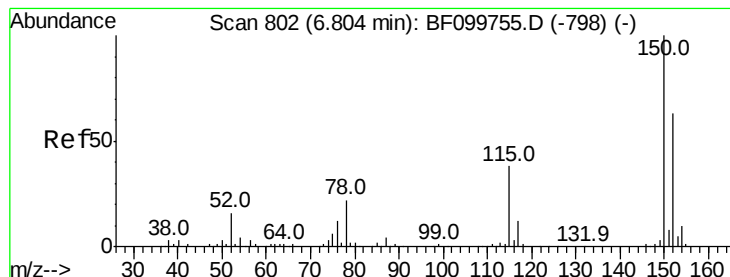
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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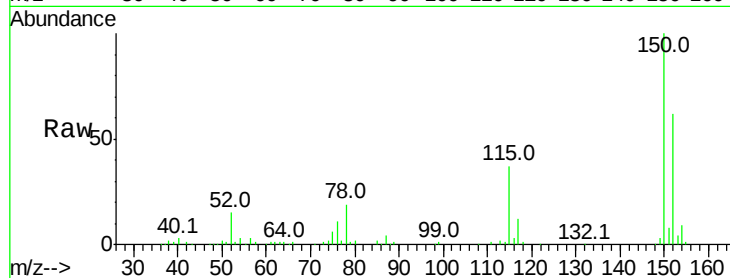


#1

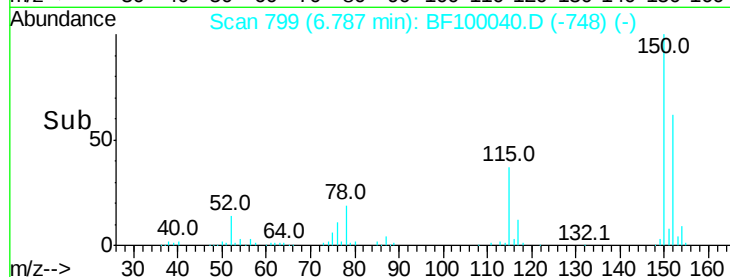
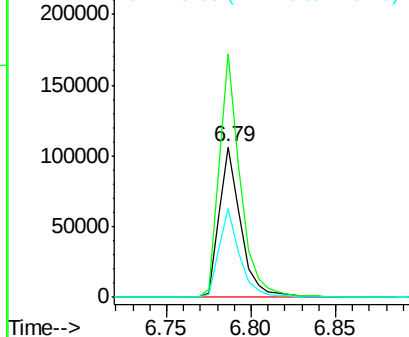
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100040.D
Acq: 1 Nov 2017 10:43

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 95662
Ion Ratio Lower Upper
152 100
150 161.7 124.6 186.8
115 59.2 50.1 75.1



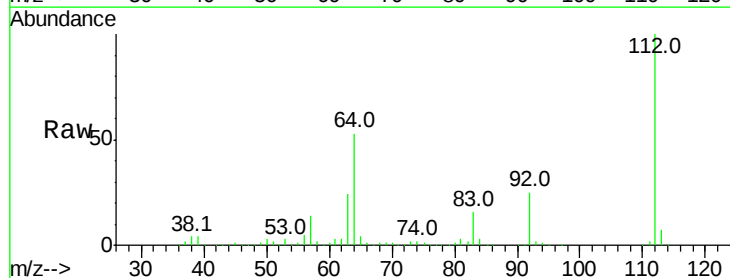
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



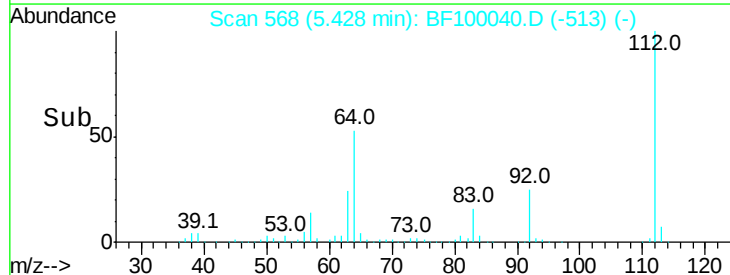
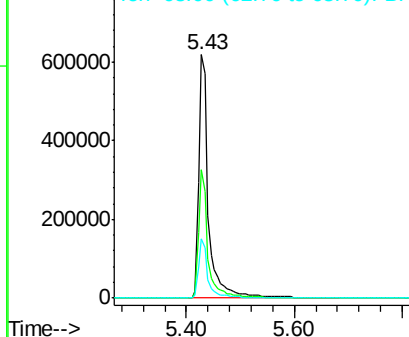
#5

2-Fluorophenol
Concen: 128.621 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF100040.D
Acq: 1 Nov 2017 10:43

Tgt Ion:112 Resp: 783720
Ion Ratio Lower Upper
112 100
64 52.9 47.9 71.9
63 24.2 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: 118.257 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.01 min

Lab File: BF100040.D

Acq: 1 Nov 2017 10:43

Instrument :

BNA_F

ClientSampled :

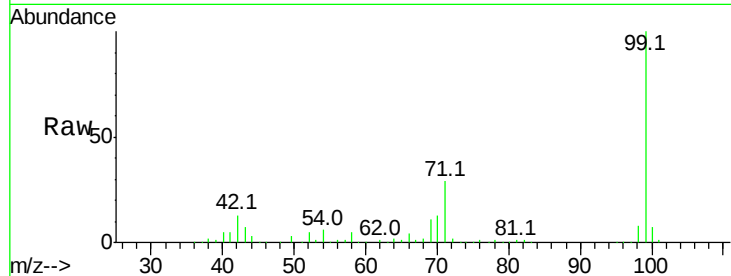
Tot Ion: 99 Resp: 854394

Ion Ratio Lower Upper

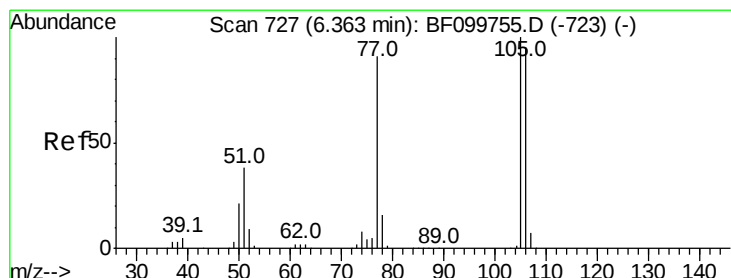
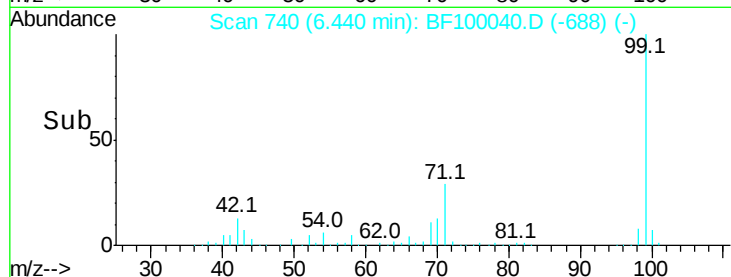
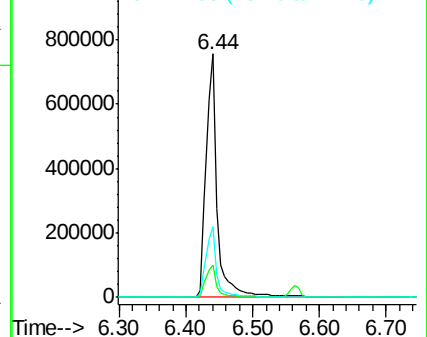
99 100

42 13.2 14.5 21.7#

71 29.3 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: 3.283 ng

RT: 6.56 min Scan# 761

Delta R.T. 0.21 min

Lab File: BF100040.D

Acq: 1 Nov 2017 10:43

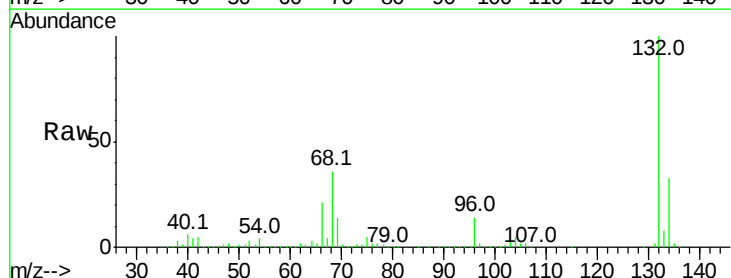
Tgt Ion: 77 Resp: 14174

Ion Ratio Lower Upper

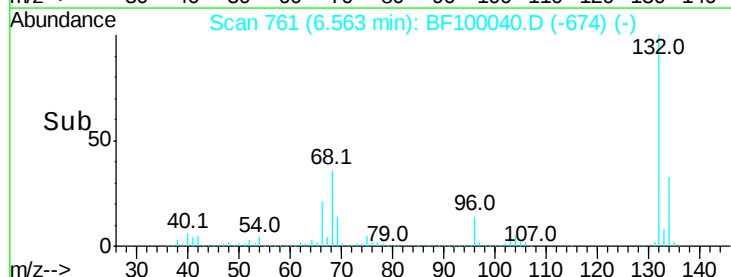
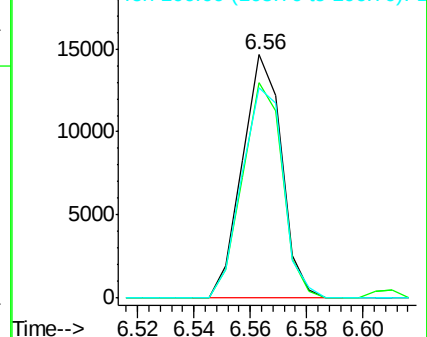
77 100

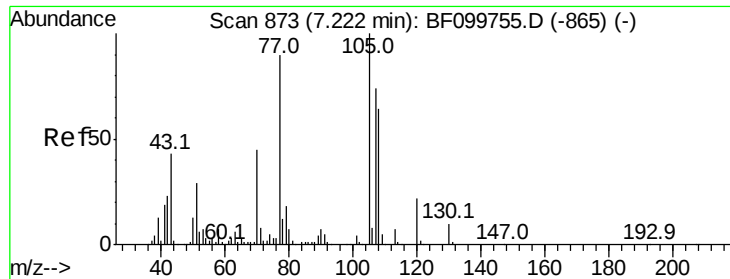
105 88.5 81.1 121.1

106 86.4 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

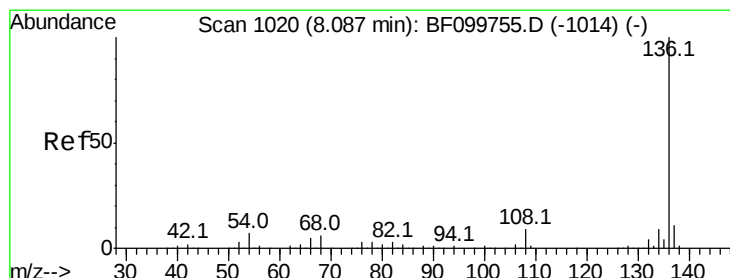
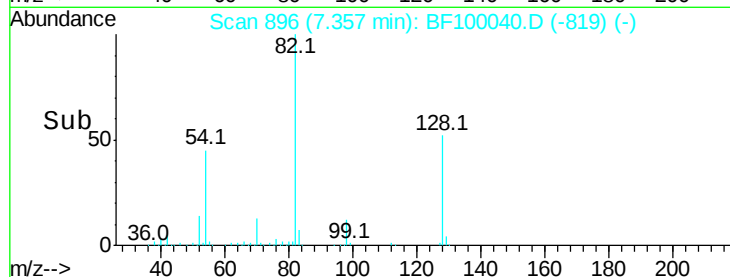
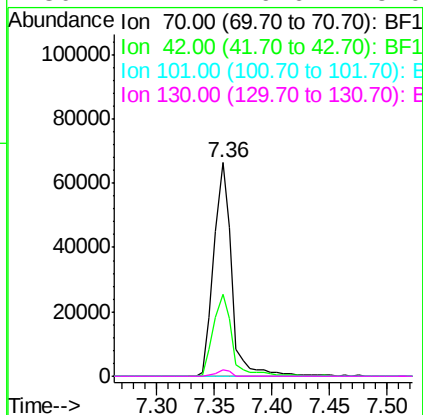
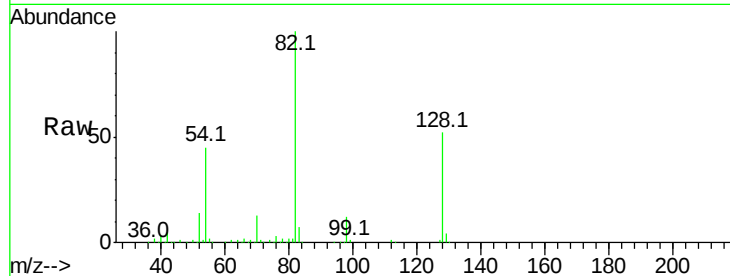




#19
 n-Nitroso-di-n-propylamine
 Concen: 16.946 ng
 RT: 7.36 min Scan# 896
 Delta R.T. 0.15 min
 Lab File: BF100040.D
 Acq: 1 Nov 2017 10:43

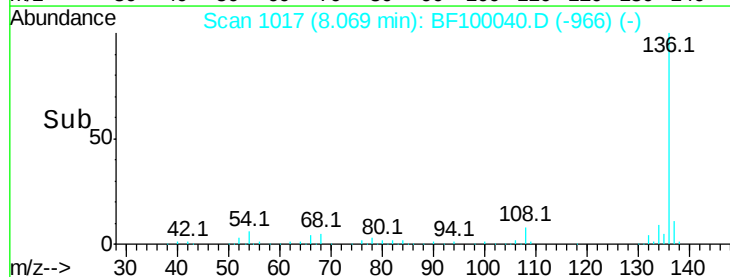
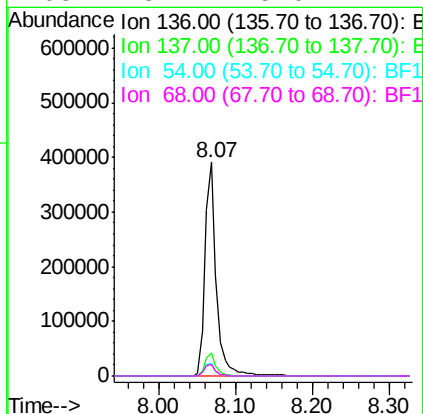
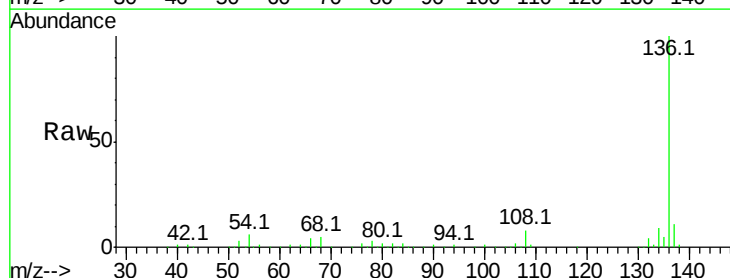
Instrument :
 BNA_F
 ClientSampled :

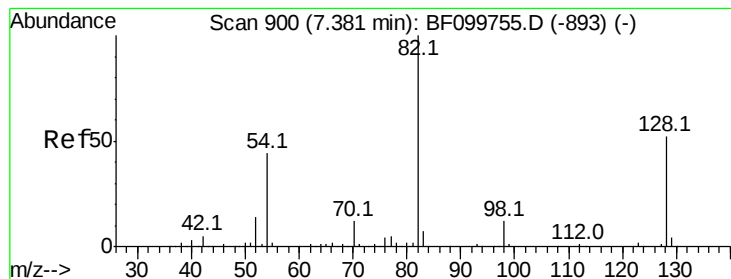
Tot Ion: 70 Resp: 71749
 Ion Ratio Lower Upper
 70 100
 42 38.6 47.5 71.3#
 101 0.0 7.4 11.2#
 130 2.7 16.6 25.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.07 min Scan# 1017
 Delta R.T. 0.00 min
 Lab File: BF100040.D
 Acq: 1 Nov 2017 10:43

Tgt Ion: 136 Resp: 398538
 Ion Ratio Lower Upper
 136 100
 137 10.9 8.9 13.3
 54 6.1 6.6 9.8#
 68 5.1 5.0 7.4





#23

Nitrobenzene-d5

Concen: 91.773 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF100040.D

Acq: 1 Nov 2017 10:43

Instrument :

BNA_F

ClientSampleId :

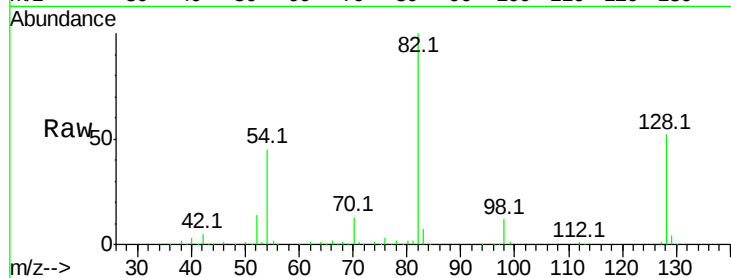
Tot Ion: 82 Resp: 568106

Ion Ratio Lower Upper

82 100

128 52.2 36.1 54.1

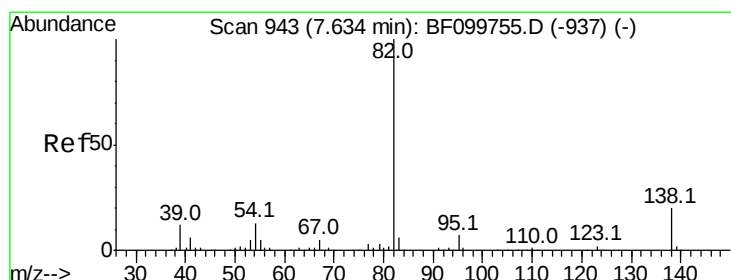
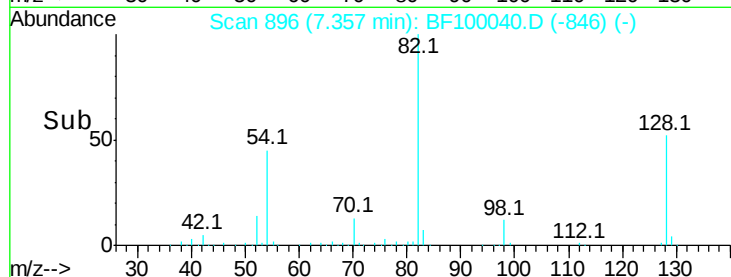
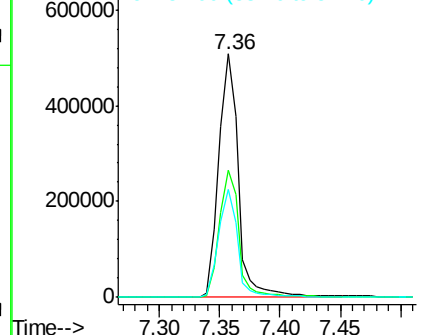
54 44.6 41.4 62.2



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: 50.575 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.26 min

Lab File: BF100040.D

Acq: 1 Nov 2017 10:43

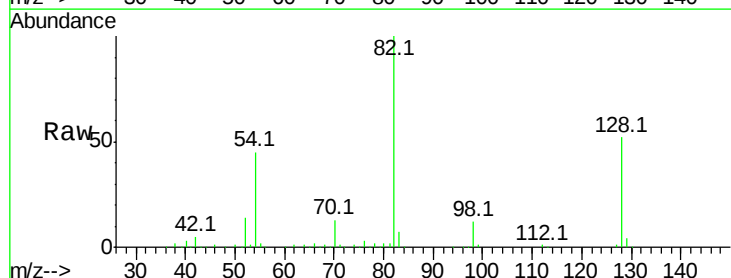
Tgt Ion: 82 Resp: 568098

Ion Ratio Lower Upper

82 100

95 0.0 5.2 7.8#

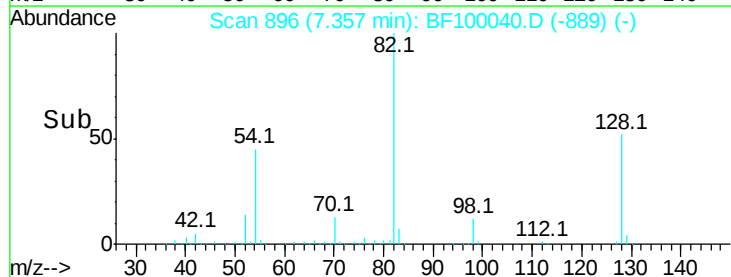
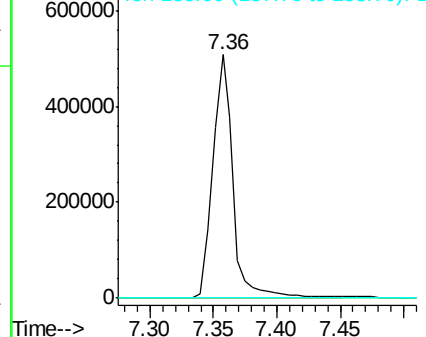
138 0.0 14.9 22.3#

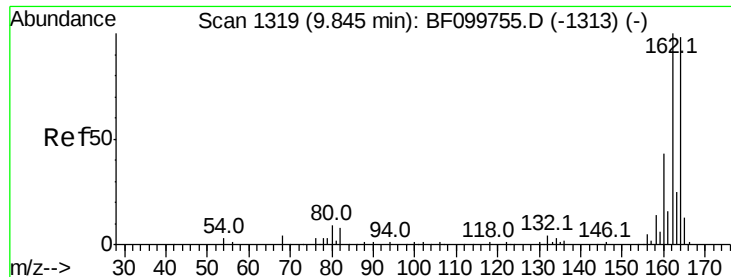


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

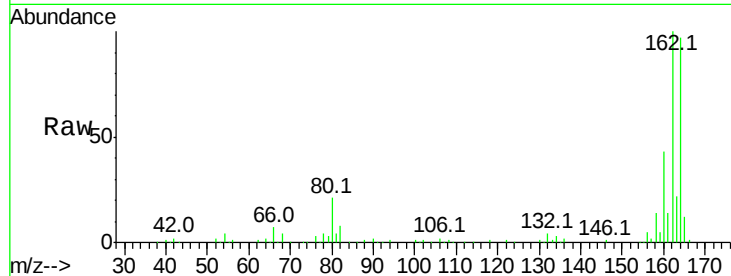




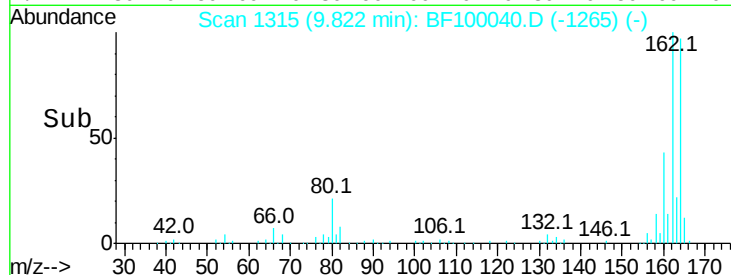
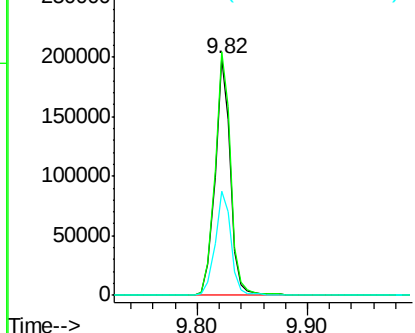
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF100040.D
Acq: 1 Nov 2017 10:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 188981
Ion Ratio Lower Upper
164 100
162 102.8 86.1 129.1
160 44.1 38.3 57.5

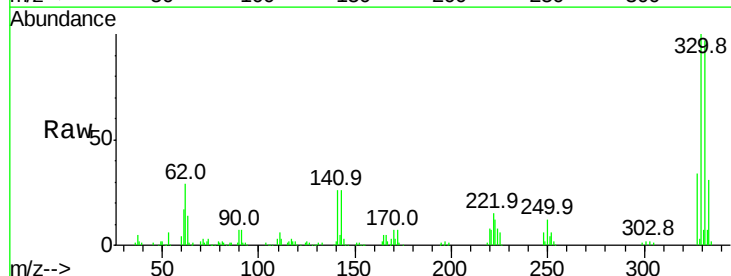


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

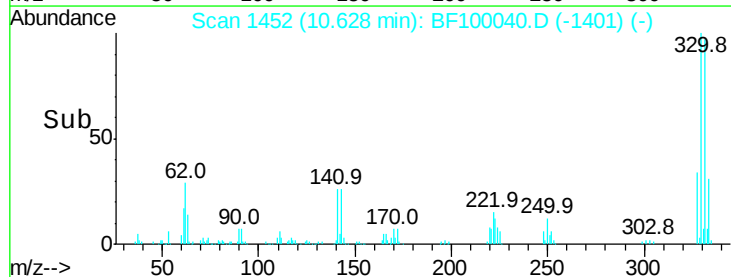
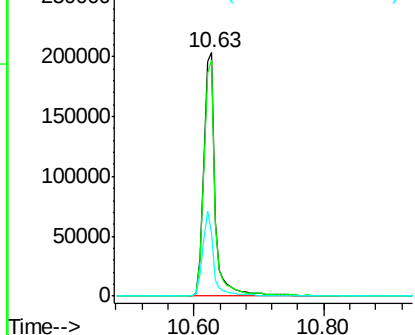


#41
2,4,6-Tribromophenol
Concen: 144.253 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BF100040.D
Acq: 1 Nov 2017 10:43

Tgt Ion:330 Resp: 248434
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 33.3 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



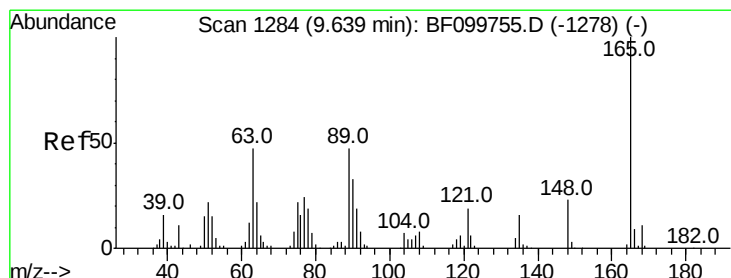
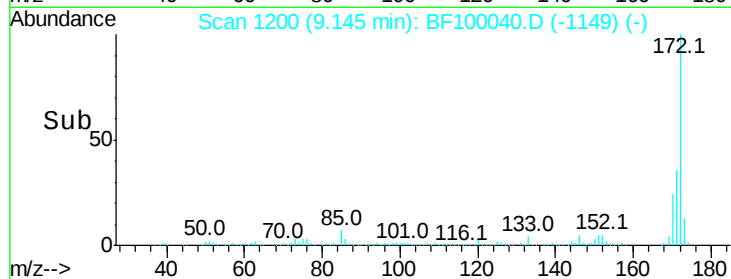
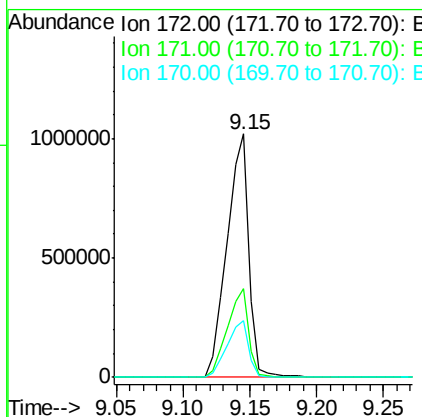
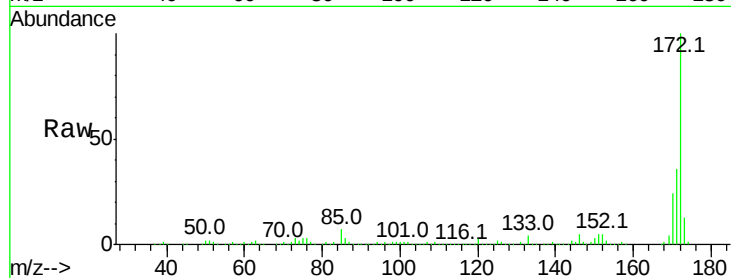


#44
 2-Fluorobiphenyl
 Concen: 96.614 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100040.D
 Acq: 1 Nov 2017 10:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1183415

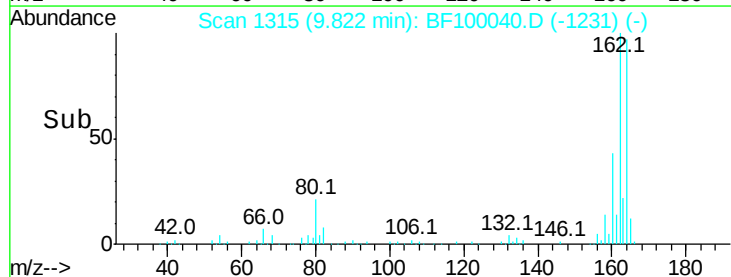
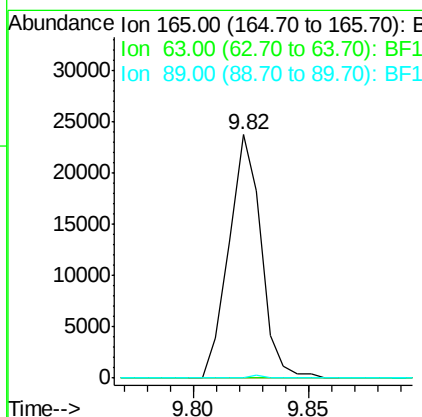
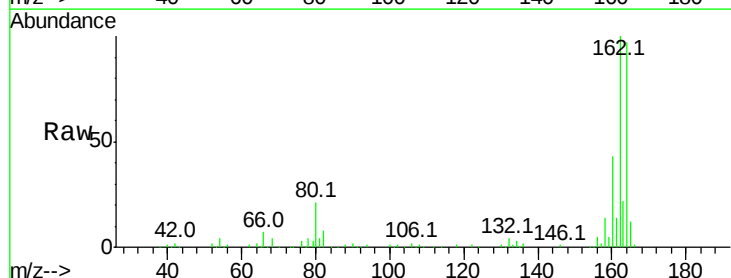
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	23.5	19.6	29.4



#50
 2,6-Dinitrotoluene
 Concen: 7.344 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. 0.19 min
 Lab File: BF100040.D
 Acq: 1 Nov 2017 10:43

Tgt Ion:165 Resp: 23106

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

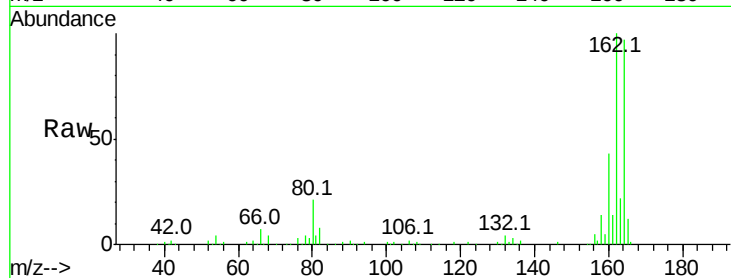




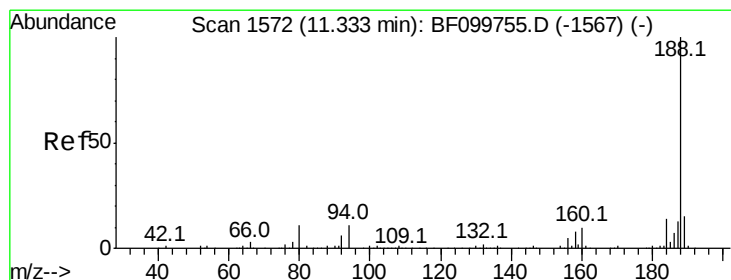
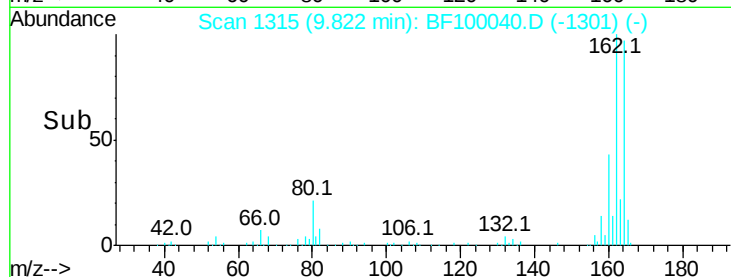
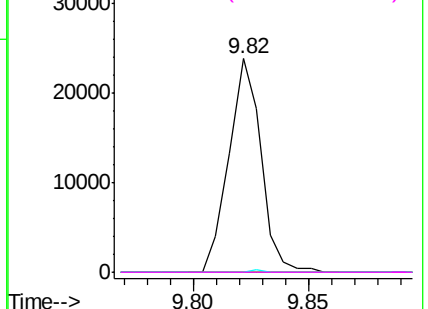
#56
 2,4-Dinitrotoluene
 Concen: 6.098 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF100040.D
 Acq: 1 Nov 2017 10:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 23106
 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#

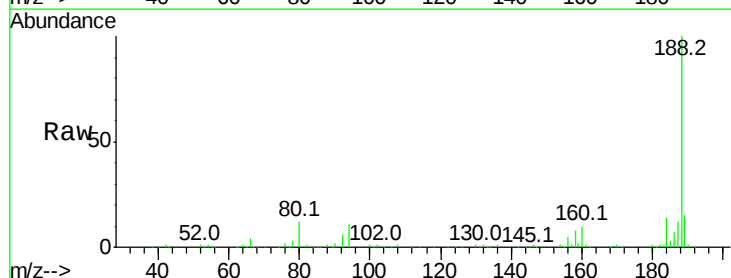


Abundance Ion 165.00 (164.70 to 165.70): E

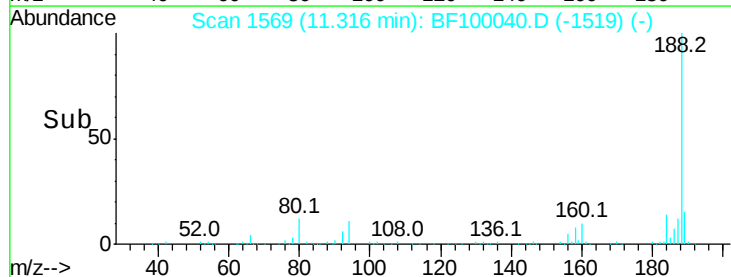
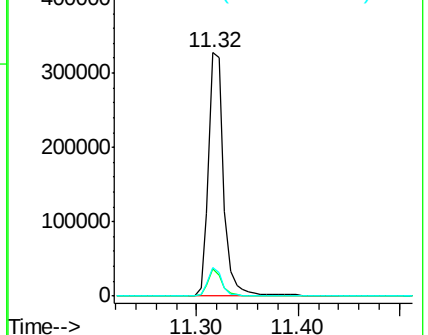


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. -0.01 min
 Lab File: BF100040.D
 Acq: 1 Nov 2017 10:43

Tgt Ion:188 Resp: 342729
 Ion Ratio Lower Upper
 188 100
 94 11.1 8.5 12.7
 80 11.8 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

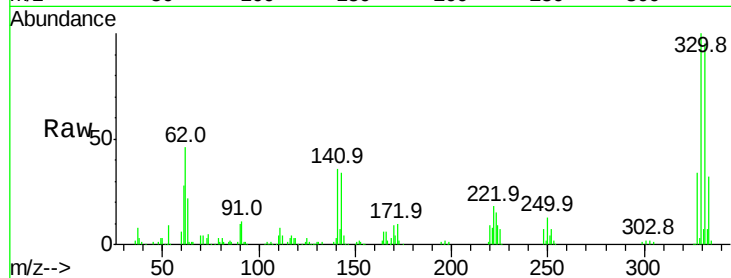




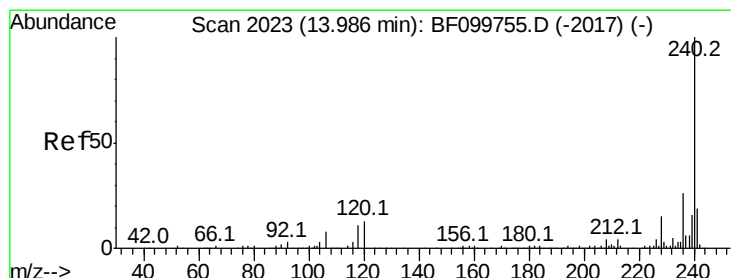
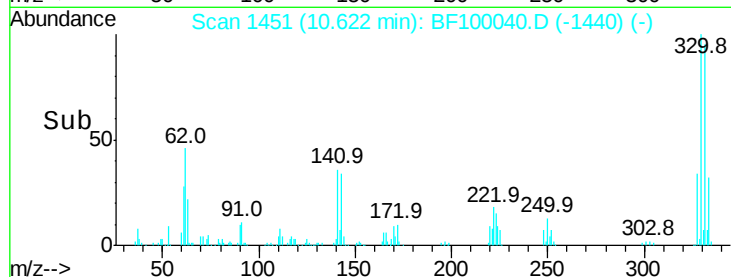
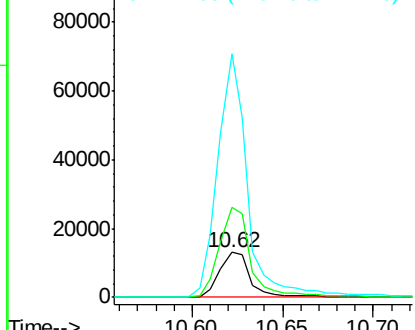
#66
4-Bromophenyl-phenylether
Concen: 4.305 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.24 min
Lab File: BF100040.D
Acq: 1 Nov 2017 10:43

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 15534
Ion Ratio Lower Upper
248 100
250 199.6 76.9 115.3#
141 539.8 74.4 111.6#

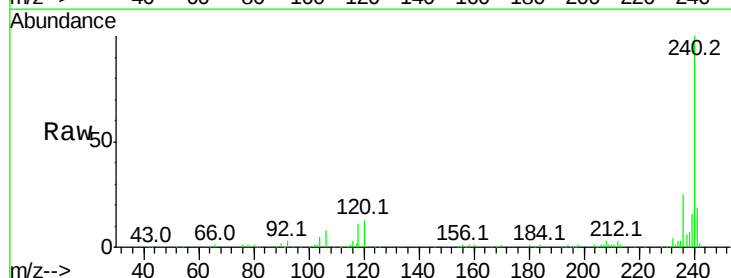


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

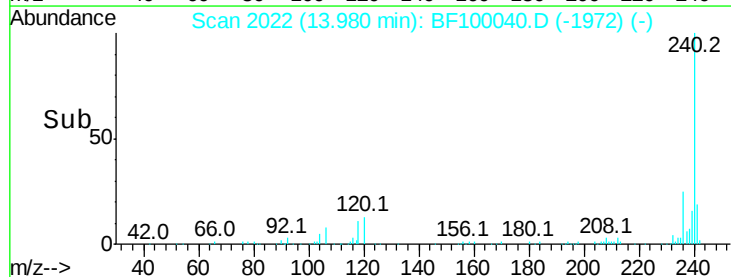
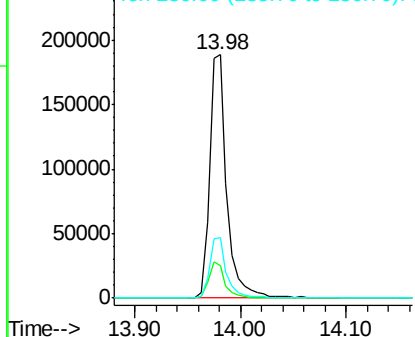


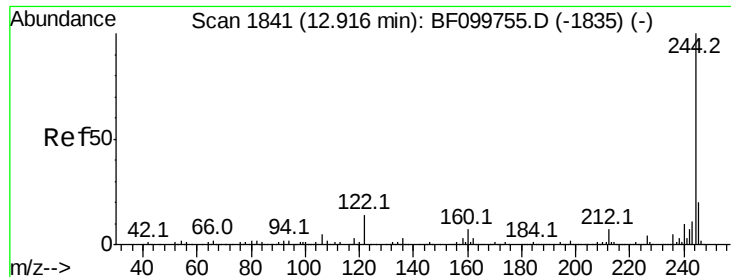
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100040.D
Acq: 1 Nov 2017 10:43

Tgt Ion:240 Resp: 214322
Ion Ratio Lower Upper
240 100
120 13.1 9.5 14.3
236 25.1 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

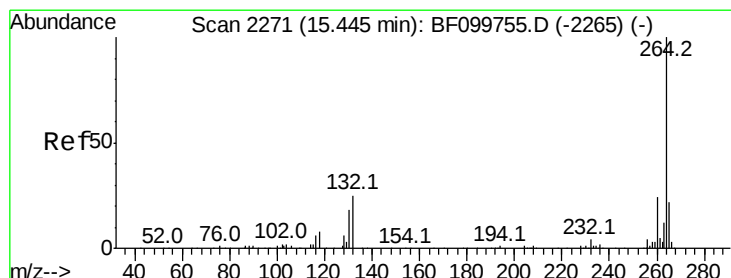
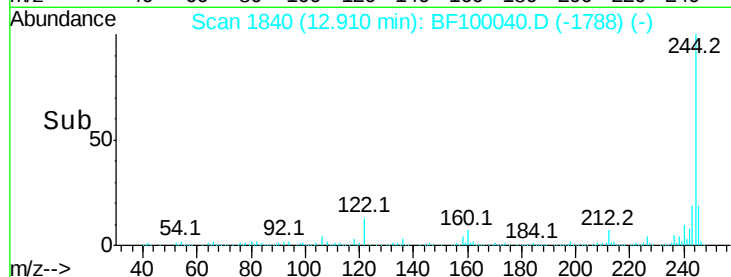
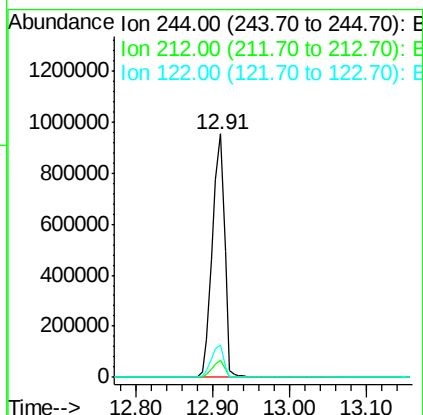
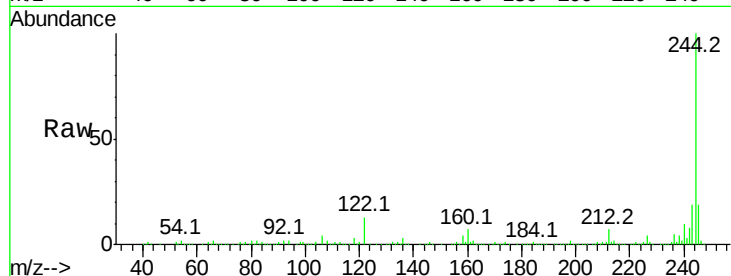




#78
 Terphenyl-d14
 Concen: 105.442 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF100040.D
 Acq: 1 Nov 2017 10:43

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1034084
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 13.1 11.0 16.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BF100040.D
 Acq: 1 Nov 2017 10:43

Tgt Ion:264 Resp: 167377
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.2 28.8
 265 21.0 17.5 26.3

