

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
 Data File : BF099227.D
 Acq On : 8 Oct 2017 12:49
 Operator : SJ/JU
 Sample : PB102980BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 09 01:08:19 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

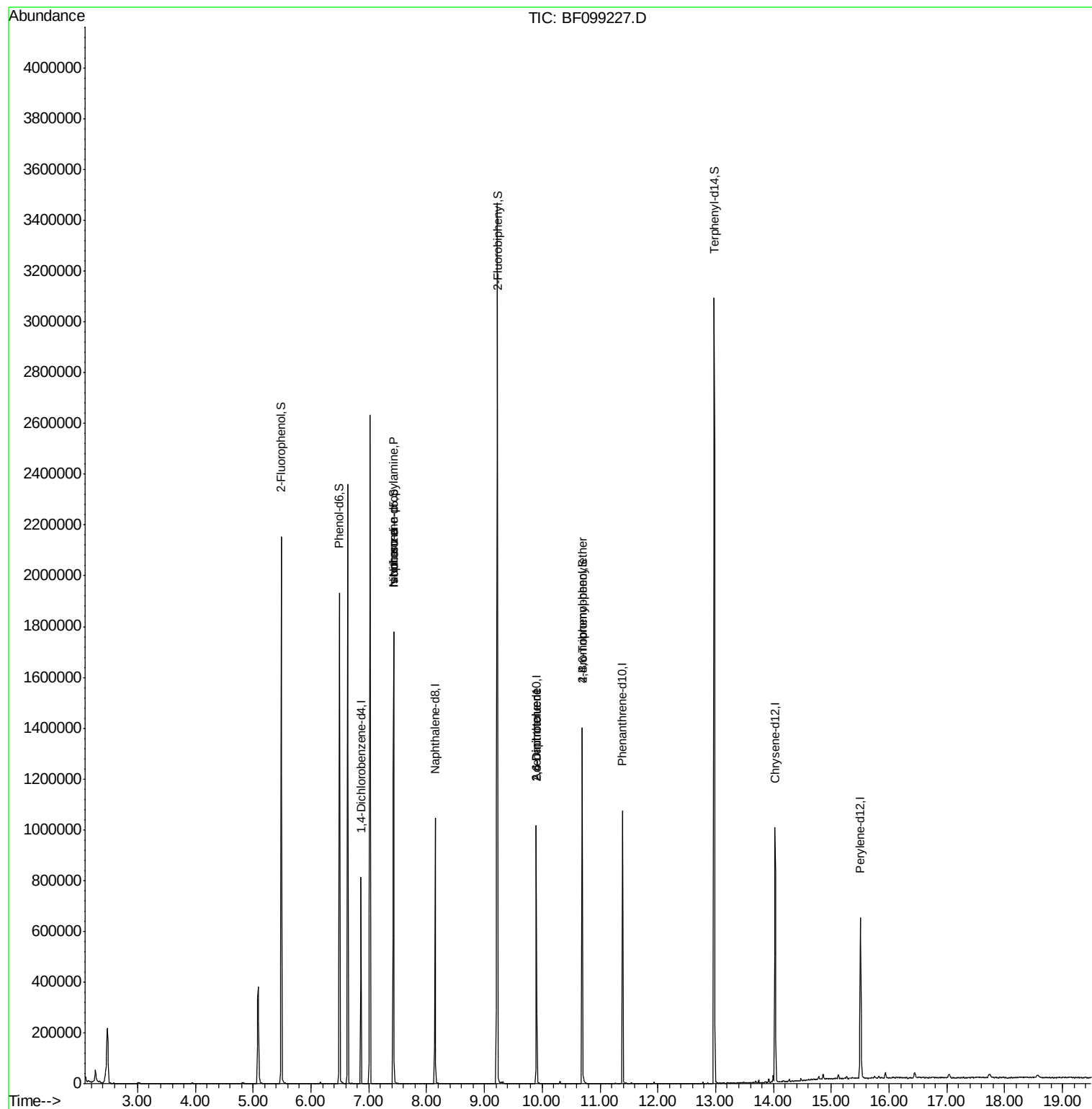
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	109140	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	460494	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	213419	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	394493	20.00	ng	0.00
75) Chrysene-d12	14.03	240	328538	20.00	ng	0.00
86) Perylene-d12	15.50	264	272850	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	611485	89.19	ng	0.00
7) Phenol-d6	6.49	99	734844	86.89	ng	0.00
23) Nitrobenzene-d5	7.43	82	630548	87.81	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	158740	90.90	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1165268	91.15	ng	0.00
78) Terphenyl-d14	12.97	244	1179540	81.65	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	80167	14.85	ng	# 74
25) Isophorone	7.43	82	630536	42.47	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	27386	7.81	ng	# 26
56) 2,4-Dinitrotoluene	9.90	165	27386	6.02	ng	# 23
66) 4-Bromophenyl-phenylether	10.69	248	10437	2.70	ng	# 1

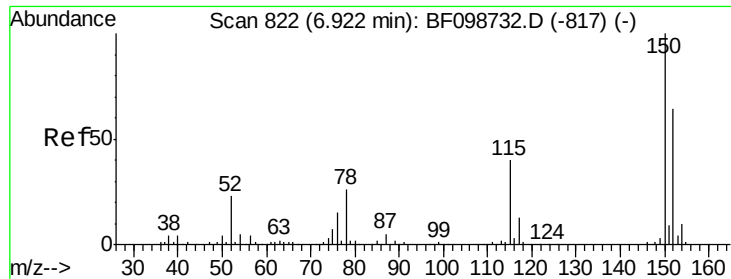
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100817\
Data File : BF099227.D
Acq On : 8 Oct 2017 12:49
Operator : SJ/JU
Sample : PB102980BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 09 01:08:19 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 05 17:20:48 2017
Response via : Initial Calibration



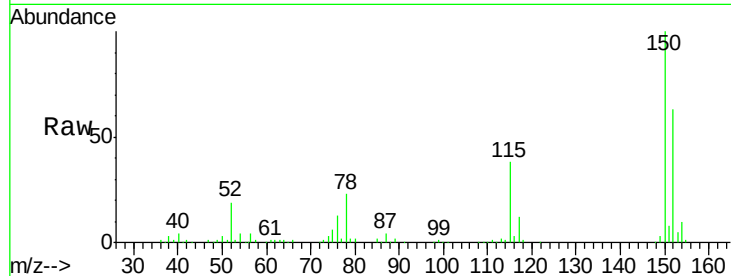


#1

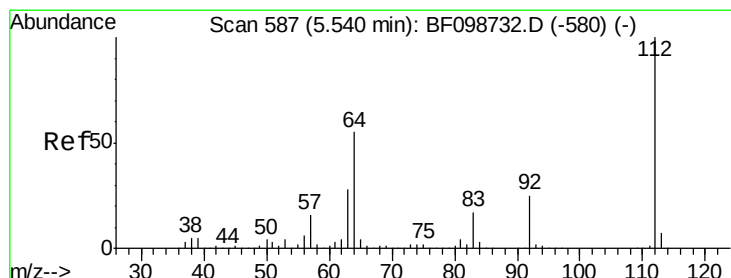
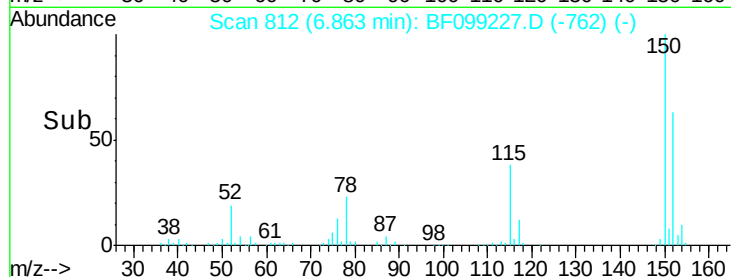
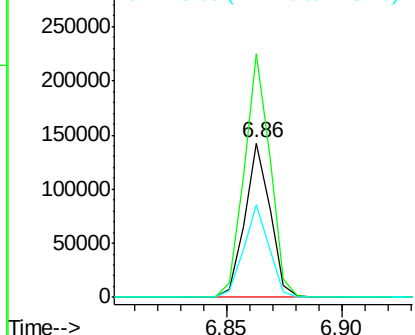
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099227.D
Acq: 8 Oct 2017 12:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 109140
Ion Ratio Lower Upper
152 100
150 157.6 124.6 186.8
115 59.9 50.1 75.1



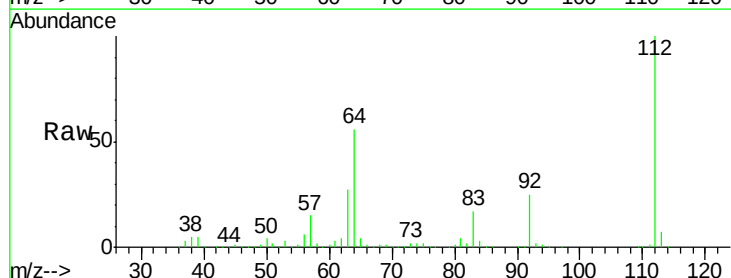
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



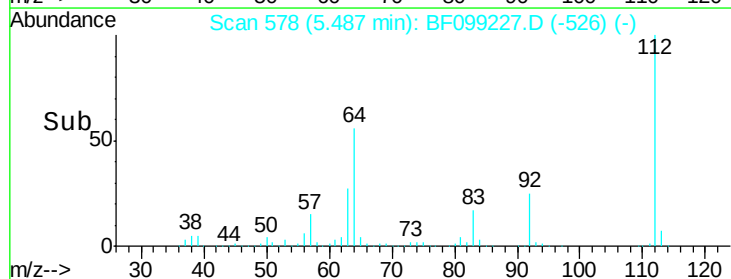
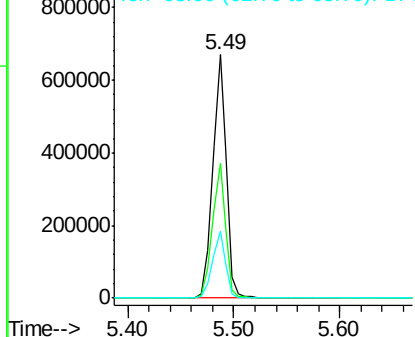
#5

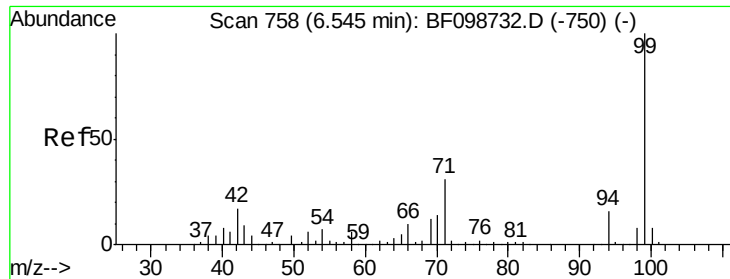
2-Fluorophenol
Concen: 89.19 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF099227.D
Acq: 8 Oct 2017 12:49

Tgt Ion:112 Resp: 611485
Ion Ratio Lower Upper
112 100
64 55.5 47.9 71.9
63 27.4 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: 86.89 ng

RT: 6.49 min Scan# 749

Delta R.T. -0.01 min

Lab File: BF099227.D

Acq: 8 Oct 2017 12:49

Instrument :

BNA_F

ClientSampled :

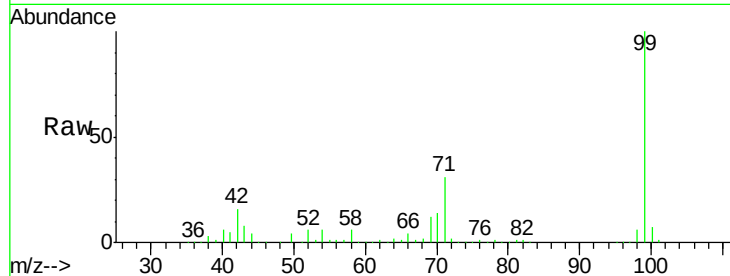
Tot Ion: 99 Resp: 734844

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

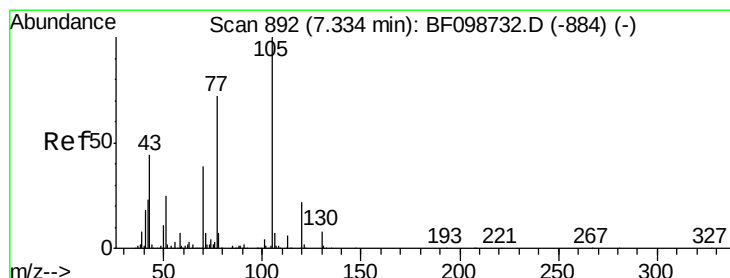
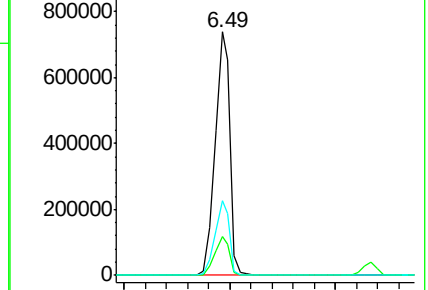
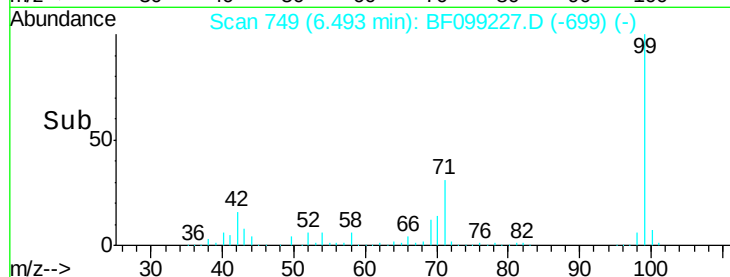
71 30.8 25.4 38.0



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: 14.85 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF099227.D

Acq: 8 Oct 2017 12:49

Tgt Ion: 70 Resp: 80167

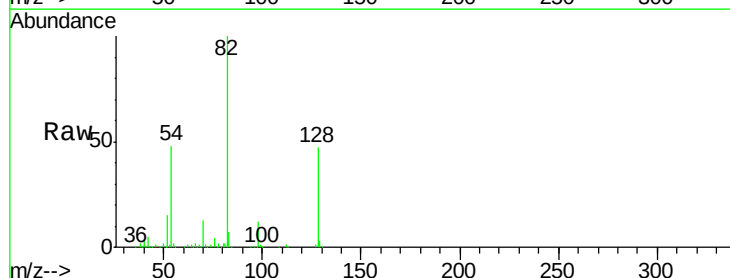
Ion Ratio Lower Upper

70 100

42 42.8 47.5 71.3#

101 0.0 7.4 11.2#

130 2.7 16.6 25.0#

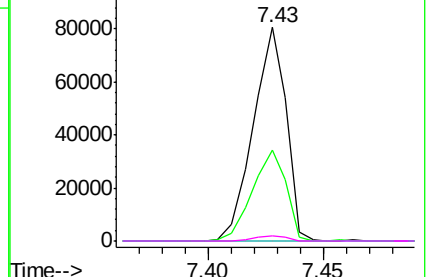
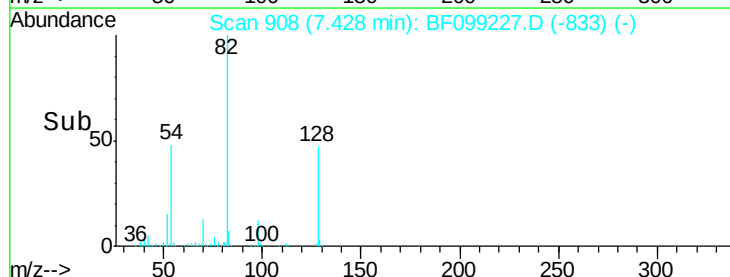


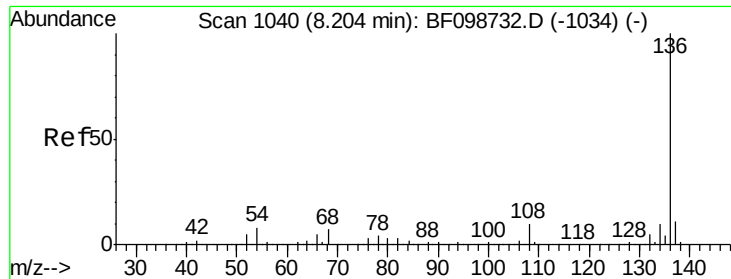
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

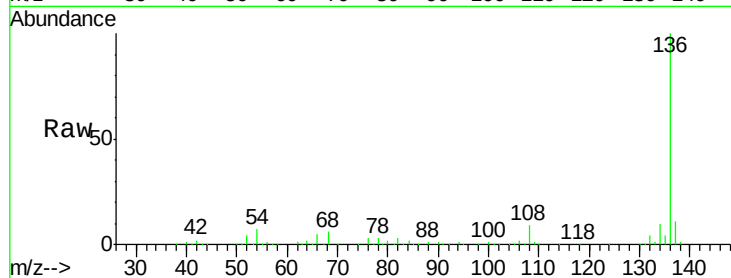




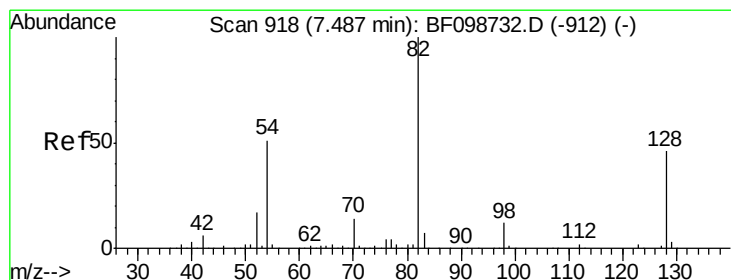
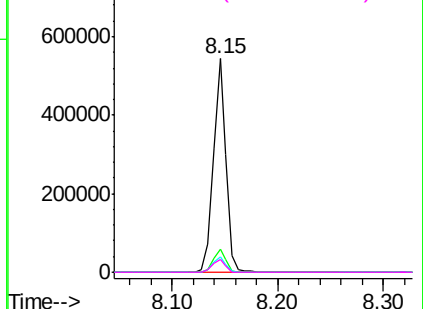
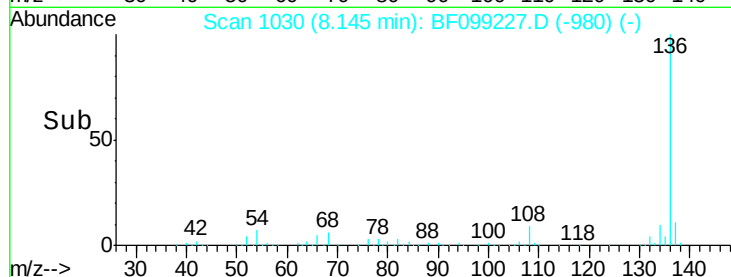
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099227.D
Acq: 8 Oct 2017 12:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	460494
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.9 13.3
54	7.3	6.6 9.8
68	6.0	5.0 7.4

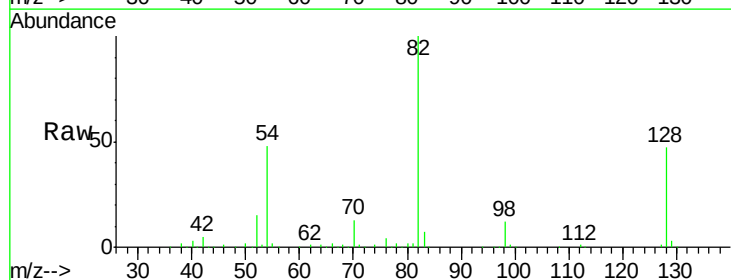


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

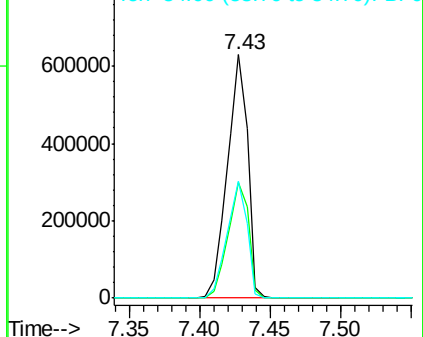
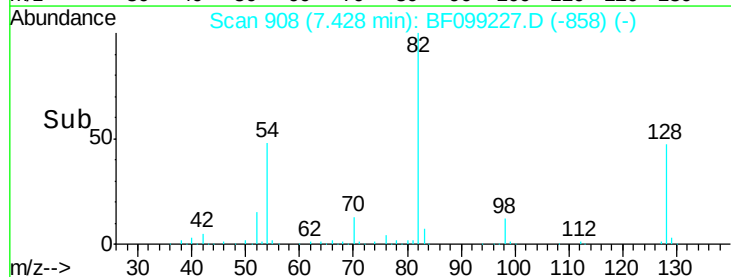


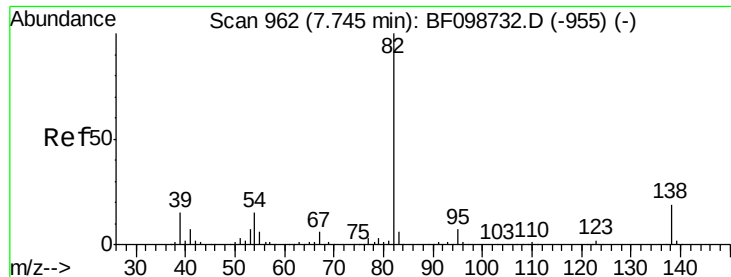
#23
Nitrobenzene-d5
Concen: 87.81 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF099227.D
Acq: 8 Oct 2017 12:49

Tgt Ion: 82	Resp:	630548
Ion	Ratio	Lower Upper
82	100	
128	47.3	36.1 54.1
54	47.8	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: 42.47 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF099227.D

Acq: 8 Oct 2017 12:49

Instrument :

BNA_F

ClientSampleId :

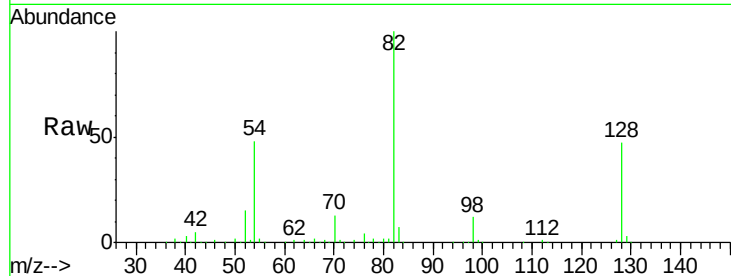
Tot Ion: 82 Resp: 630536

Ion Ratio Lower Upper

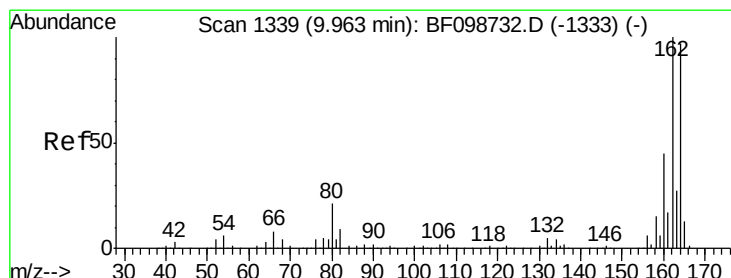
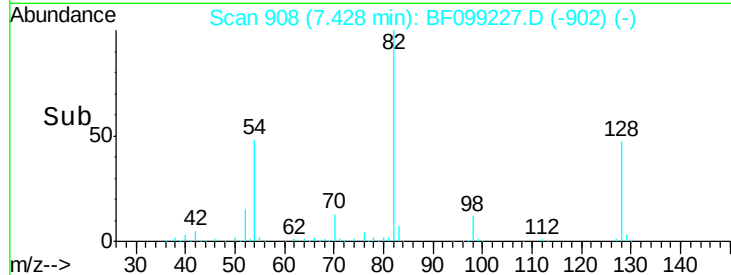
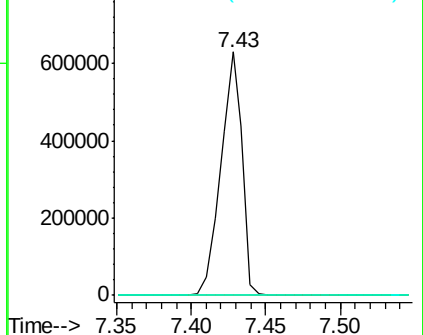
82 100

95 0.0 5.2 7.8#

138 0.0 14.9 22.3#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099227.D

Acq: 8 Oct 2017 12:49

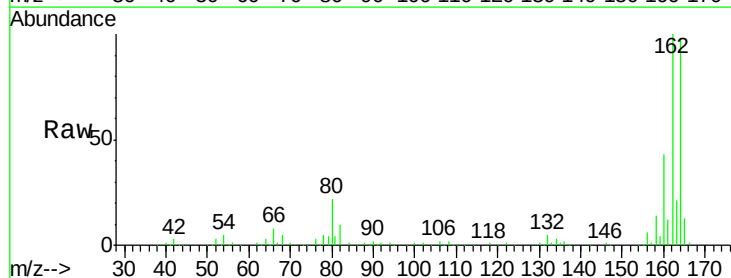
Tgt Ion: 164 Resp: 213419

Ion Ratio Lower Upper

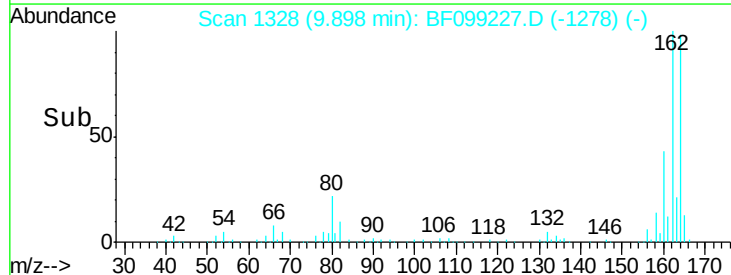
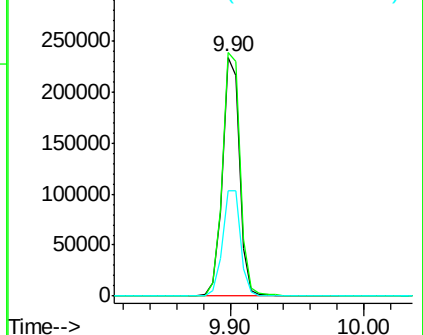
164 100

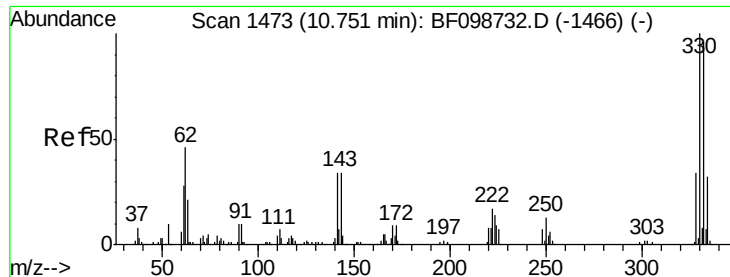
162 101.8 86.1 129.1

160 43.9 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

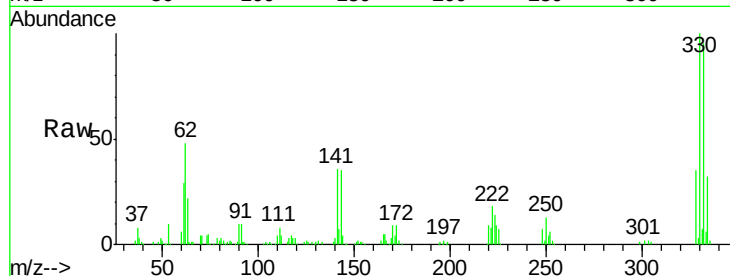




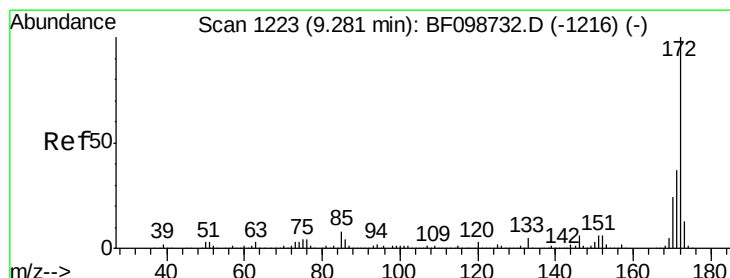
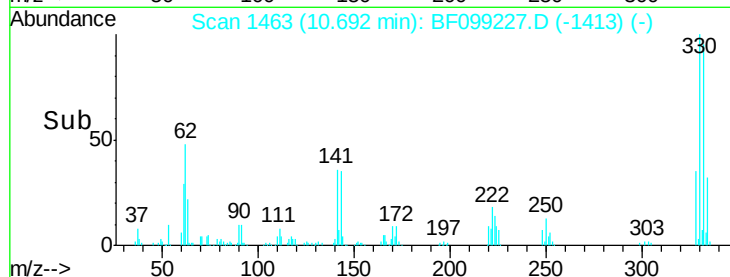
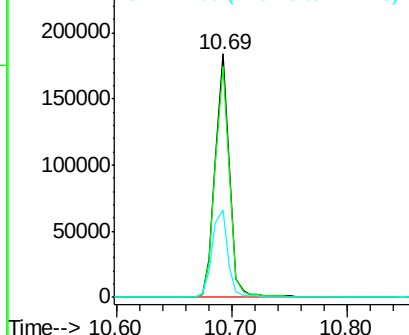
#41
 2,4,6-Tribromophenol
 Concen: 90.90 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099227.D
 Acq: 8 Oct 2017 12:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 158740
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.0 115.6
 141 39.2 29.9 44.9

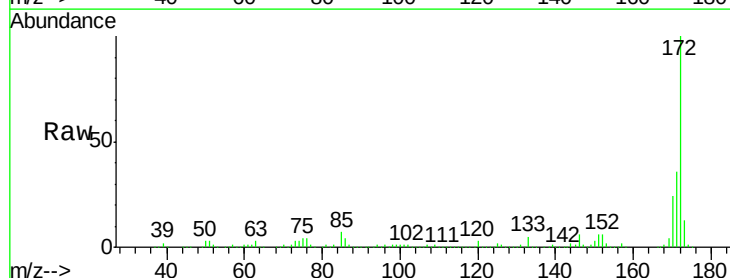


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

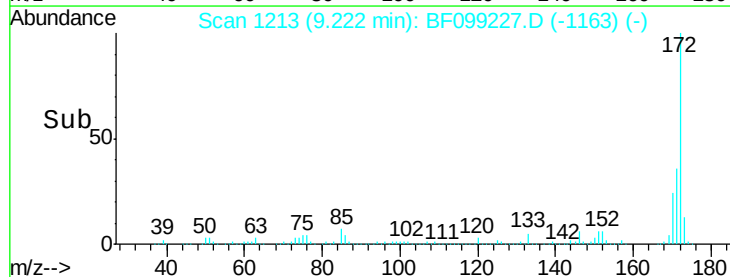
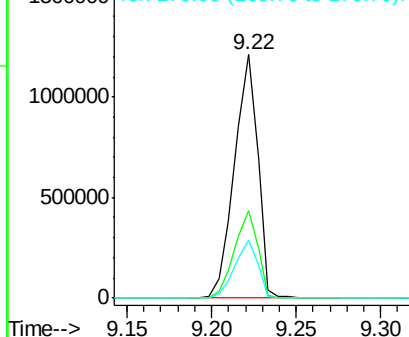


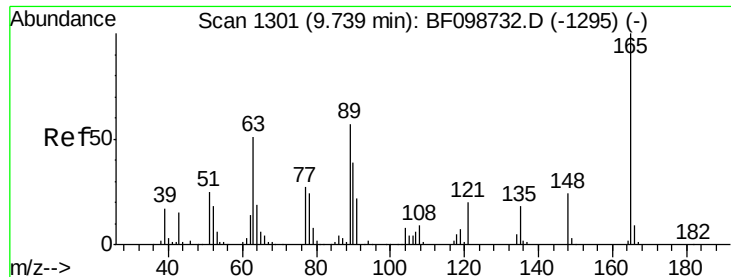
#44
 2-Fluorobiphenyl
 Concen: 91.15 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099227.D
 Acq: 8 Oct 2017 12:49

Tgt Ion:172 Resp: 1165268
 Ion Ratio Lower Upper
 172 100
 171 36.0 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

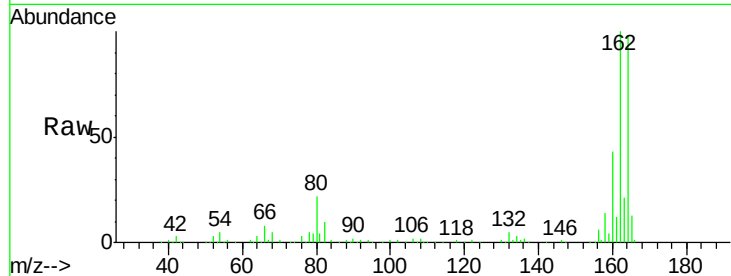




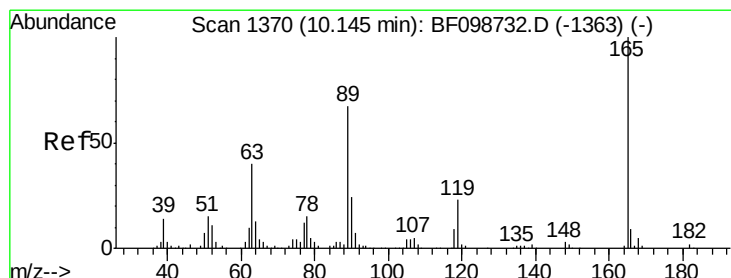
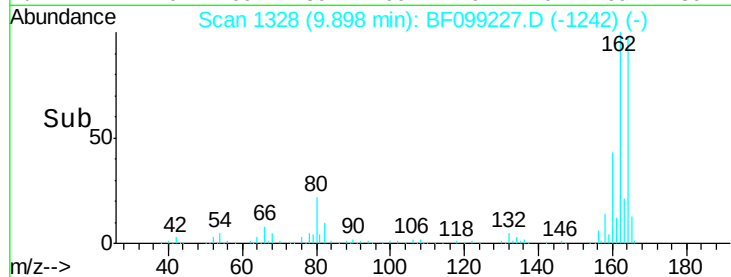
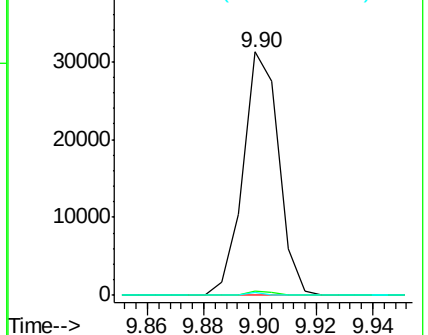
#50
2,6-Dinitrotoluene
Concen: 7.81 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099227.D
Acq: 8 Oct 2017 12:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.6	44.7	67.1#
89	1.2	44.0	66.0#



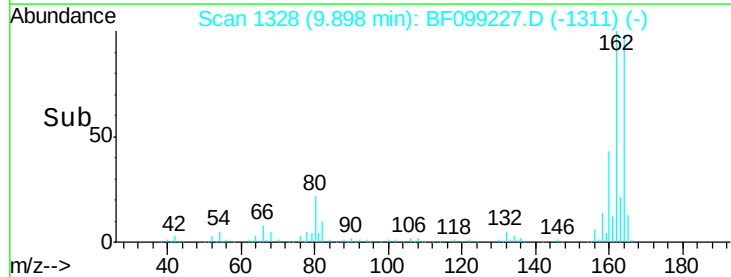
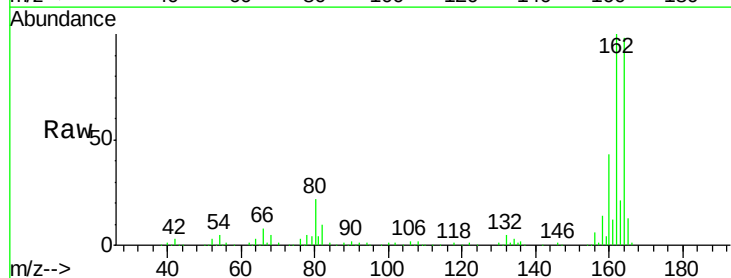
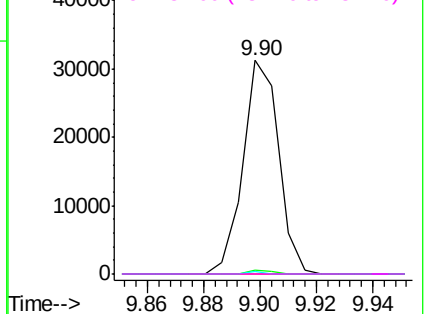
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

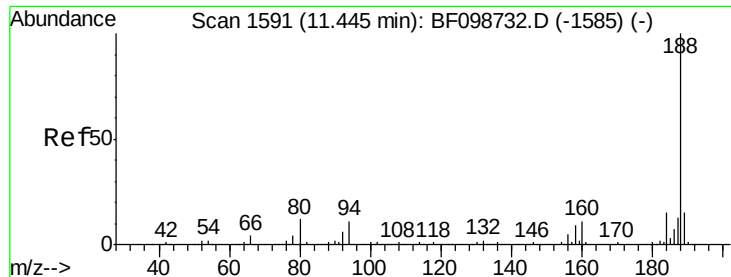


#56
2,4-Dinitrotoluene
Concen: 6.02 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099227.D
Acq: 8 Oct 2017 12:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	36.4	54.6#
89	1.2	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

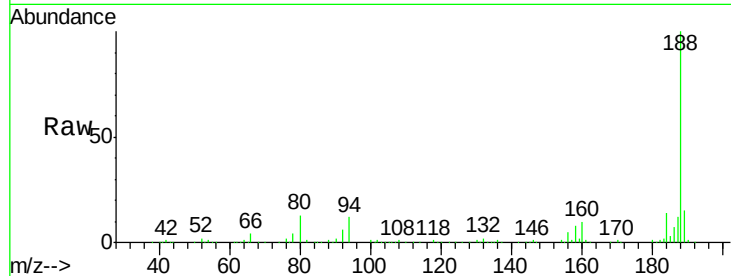




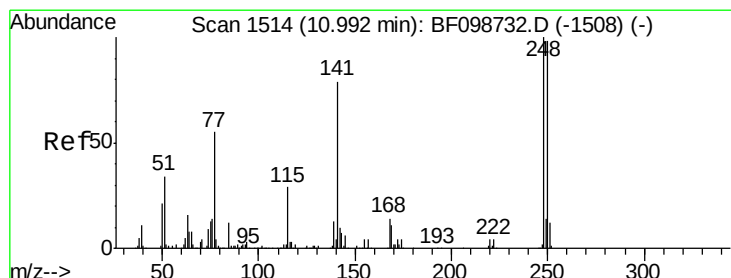
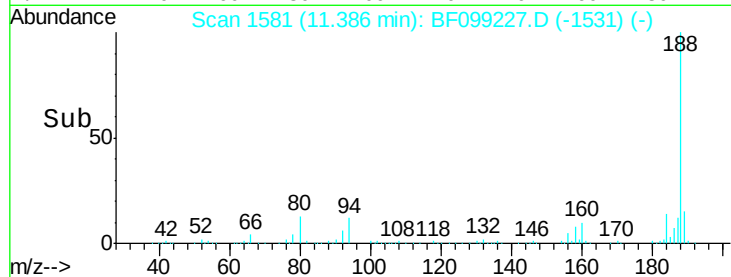
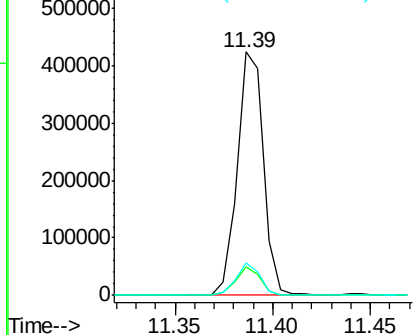
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.39 min Scan# 1581
 Delta R.T. -0.01 min
 Lab File: BF099227.D
 Acq: 8 Oct 2017 12:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 394493
 Ion Ratio Lower Upper
 188 100
 94 11.6 8.5 12.7
 80 13.1 9.2 13.8

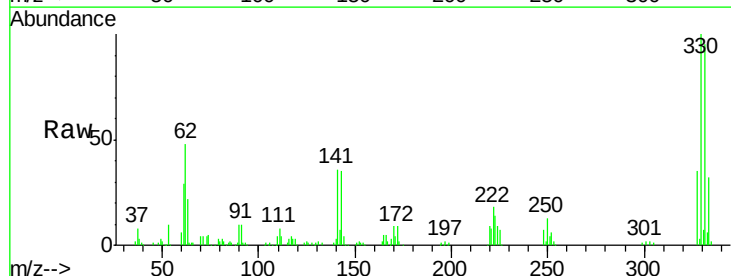


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

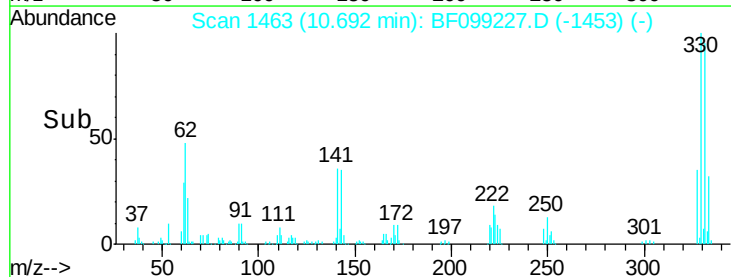
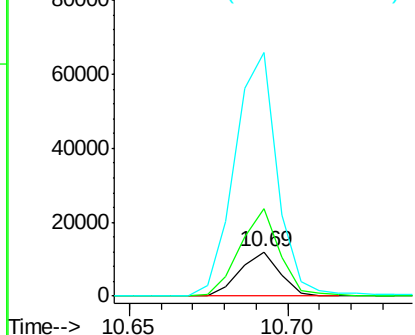


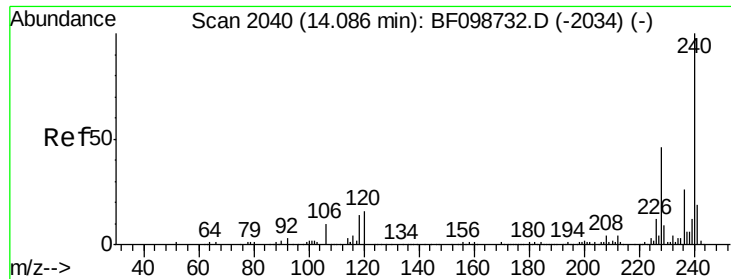
#66
 4-Bromophenyl-phenylether
 Concen: 2.70 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.24 min
 Lab File: BF099227.D
 Acq: 8 Oct 2017 12:49

Tgt Ion:248 Resp: 10437
 Ion Ratio Lower Upper
 248 100
 250 197.7 76.9 115.3#
 141 548.9 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: 14.03 min Scan# 2030

Delta R.T. -0.01 min

Lab File: BF099227.D

Acq: 8 Oct 2017 12:49

Instrument :

BNA_F

ClientSampleId :

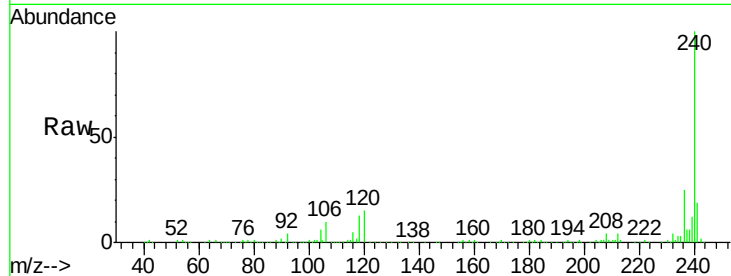
Tot Ion:240 Resp: 328538

Ion Ratio Lower Upper

240 100

120 15.1 9.5 14.3#

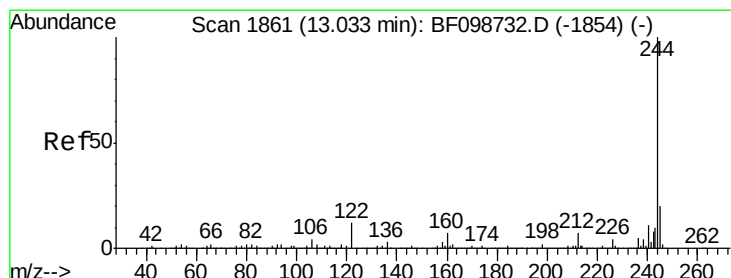
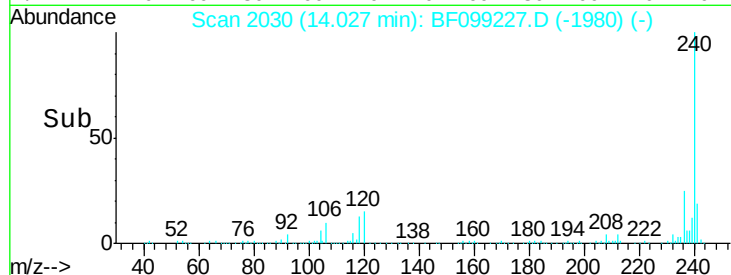
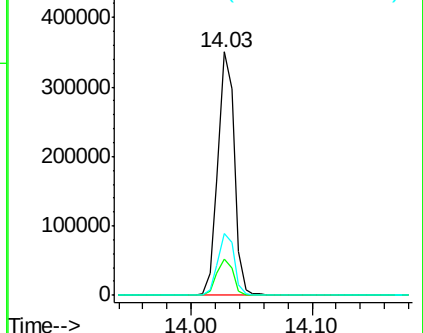
236 25.4 20.7 31.1



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: 81.65 ng

RT: 12.97 min Scan# 1851

Delta R.T. 0.00 min

Lab File: BF099227.D

Acq: 8 Oct 2017 12:49

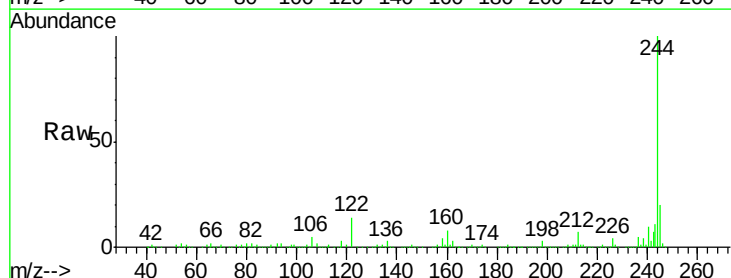
Tgt Ion:244 Resp: 1179540

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

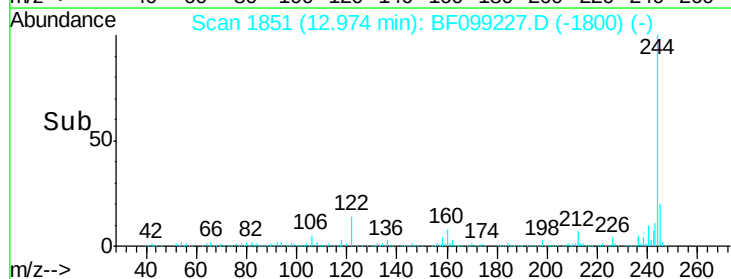
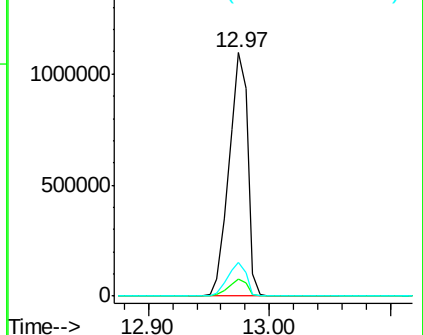
122 13.8 11.0 16.4

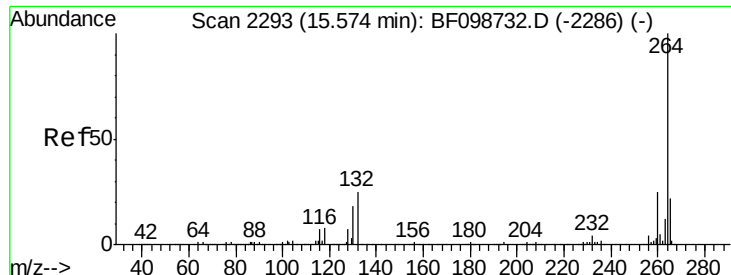


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

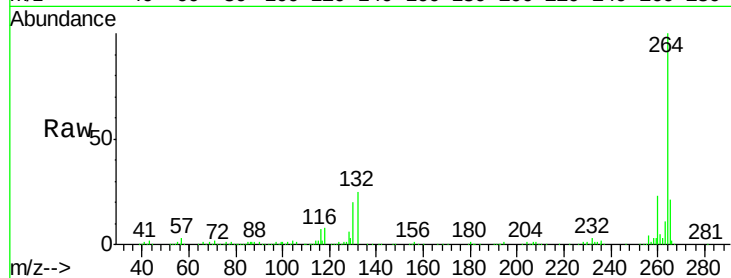




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 2281
Delta R.T. 0.00 min
Lab File: BF099227.D
Acq: 8 Oct 2017 12:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 272850
Ion Ratio Lower Upper
264 100
260 23.2 19.2 28.8
265 21.4 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

