

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100917\
 Data File : BF099273.D
 Acq On : 9 Oct 2017 20:16
 Operator : SJ/JU
 Sample : I5651-01 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 10 01:12:52 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

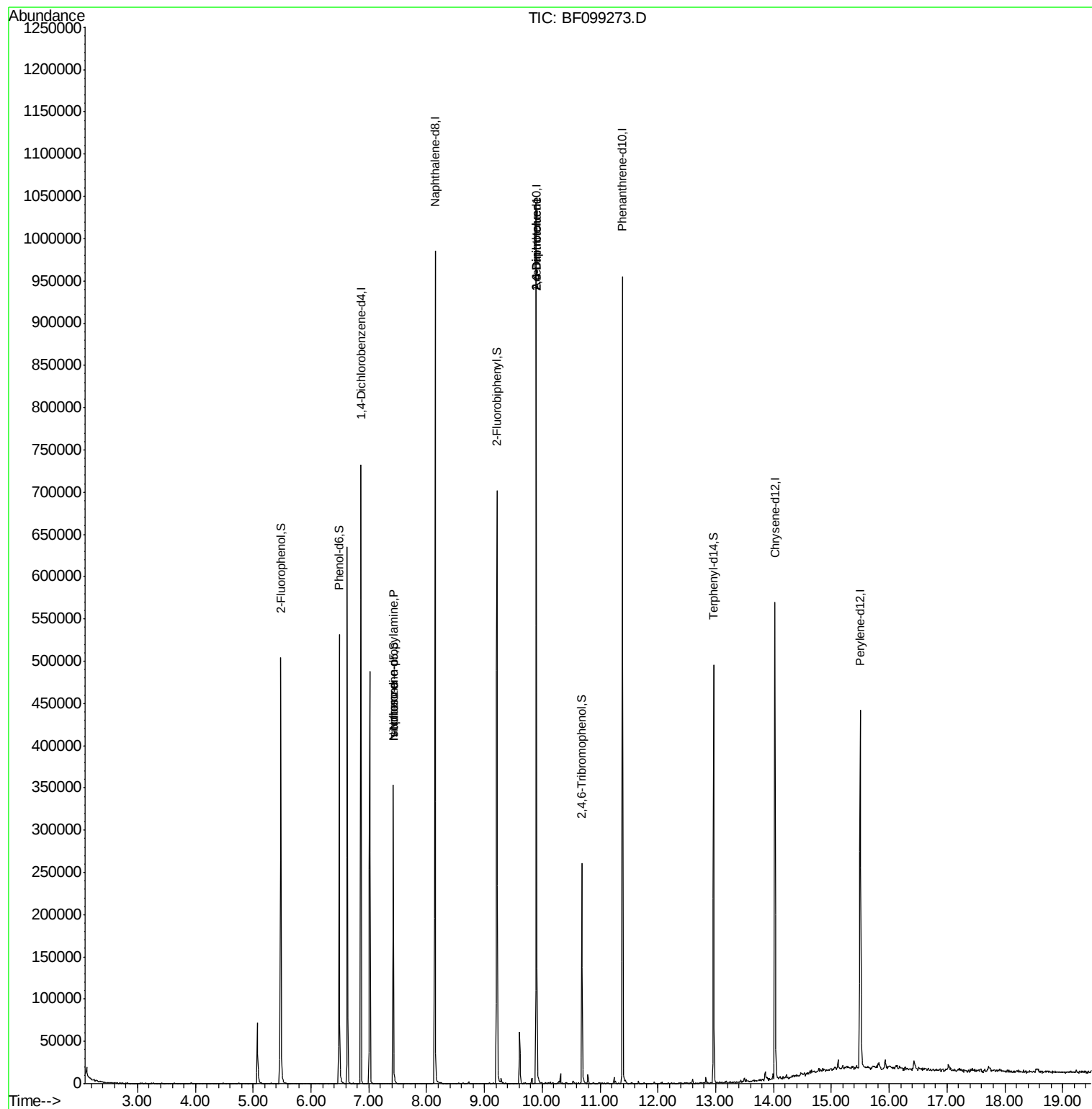
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	108374	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	443412	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	197450	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	332869	20.00	ng	0.00
75) Chrysene-d12	14.03	240	201732	20.00	ng	0.00
86) Perylene-d12	15.50	264	195693	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	145352	21.35	ng	0.00
7) Phenol-d6	6.49	99	178598	21.27	ng	-0.01
23) Nitrobenzene-d5	7.42	82	101897	14.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.69	330	30649	18.97	ng	-0.01
44) 2-Fluorobiphenyl	9.22	172	213250	18.03	ng	-0.01
78) Terphenyl-d14	12.96	244	146948	16.57	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	12473	2.33	ng	# 76
25) Isophorone	7.42	82	101896	7.13	ng	# 64
50) 2,6-Dinitrotoluene	9.90	165	24857	7.66	ng	# 25
56) 2,4-Dinitrotoluene	9.90	165	24857	5.90	ng	# 23

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

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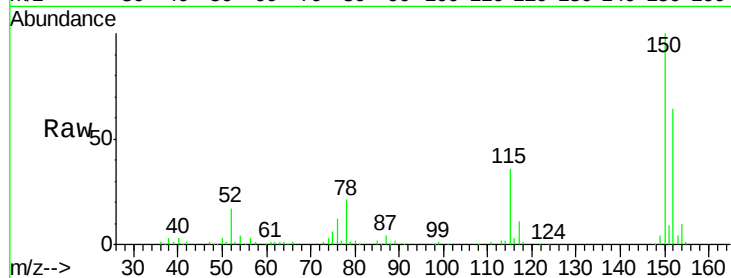


#1

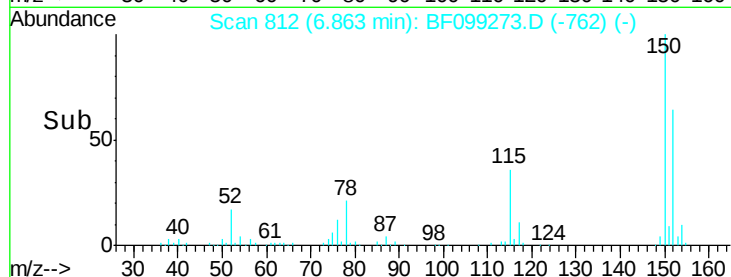
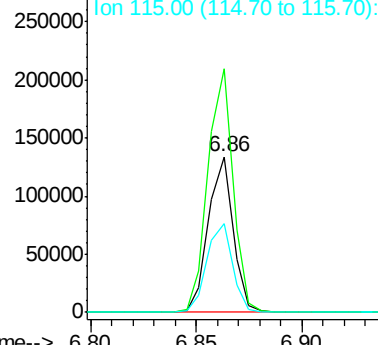
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.86 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF099273.D
Acq: 9 Oct 2017 20:16

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 108374
Ion Ratio Lower Upper
152 100
150 156.7 124.6 186.8
115 57.0 50.1 75.1



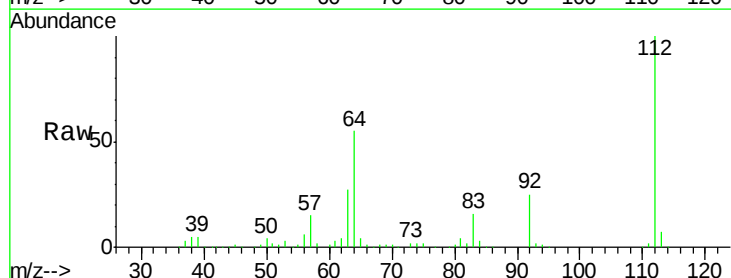
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



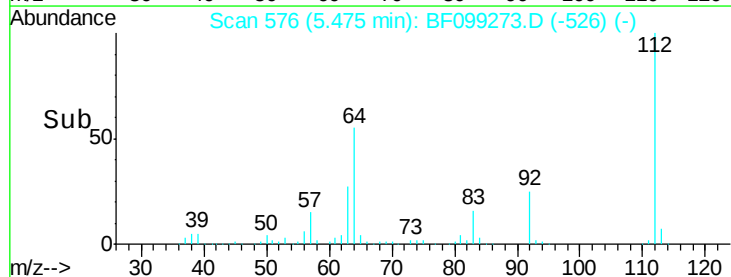
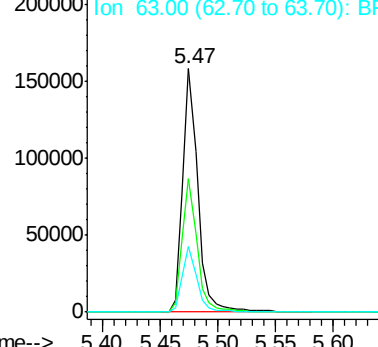
#5

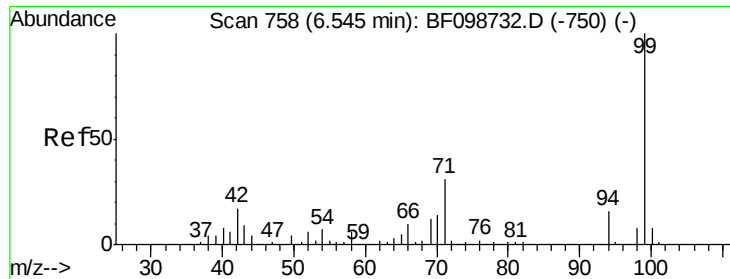
2-Fluorophenol
Concen: 21.35 ng
RT: 5.47 min Scan# 576
Delta R.T. -0.01 min
Lab File: BF099273.D
Acq: 9 Oct 2017 20:16

Tgt Ion:112 Resp: 145352
Ion Ratio Lower Upper
112 100
64 54.6 47.9 71.9
63 26.7 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: 21.27 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF099273.D

Acq: 9 Oct 2017 20:16

Instrument :

BNA_F

ClientSampled :

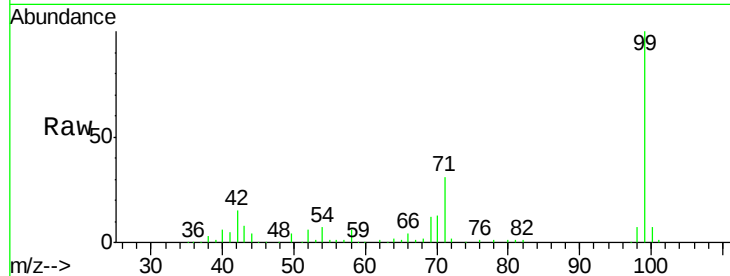
Tot Ion: 99 Resp: 178598

Ion Ratio Lower Upper

99 100

42 15.1 14.5 21.7

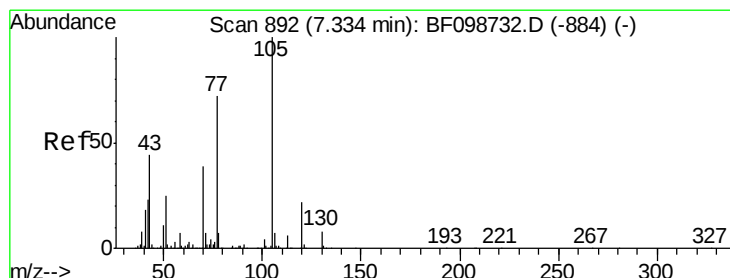
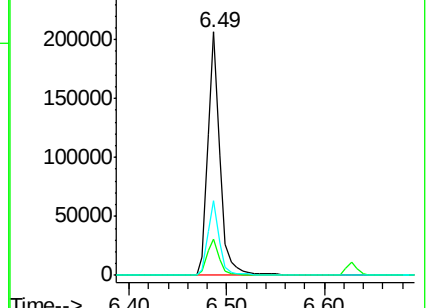
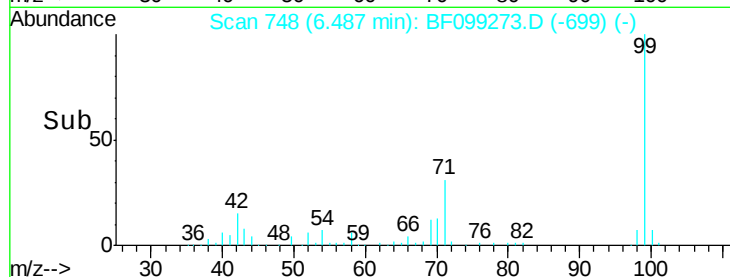
71 30.7 25.4 38.0



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: 2.33 ng

RT: 7.42 min Scan# 907

Delta R.T. 0.14 min

Lab File: BF099273.D

Acq: 9 Oct 2017 20:16

Tgt Ion: 70 Resp: 12473

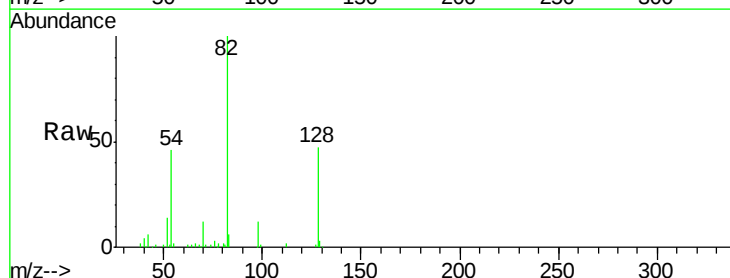
Ion Ratio Lower Upper

70 100

42 46.1 47.5 71.3#

101 0.0 7.4 11.2#

130 2.1 16.6 25.0#

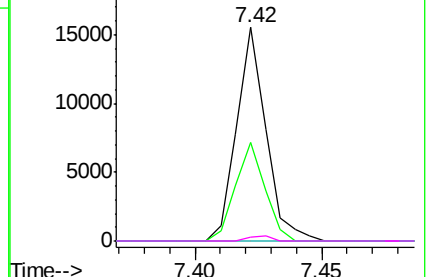
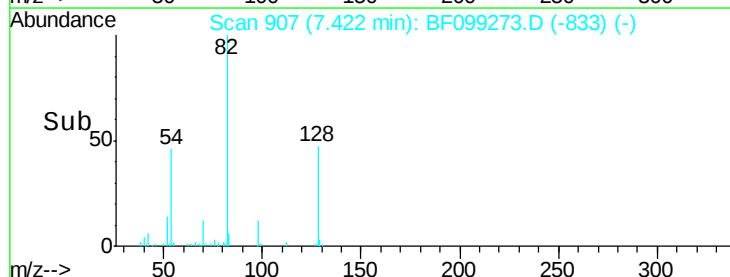


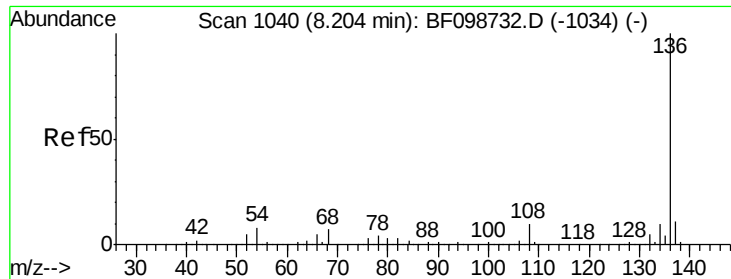
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

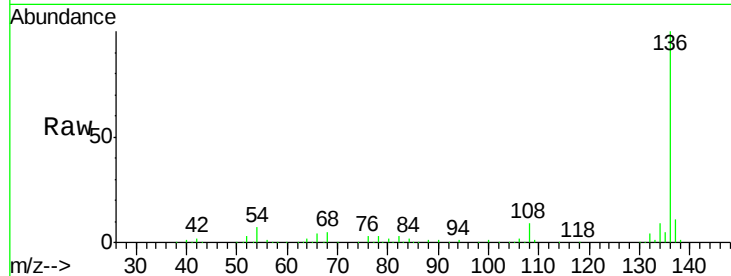




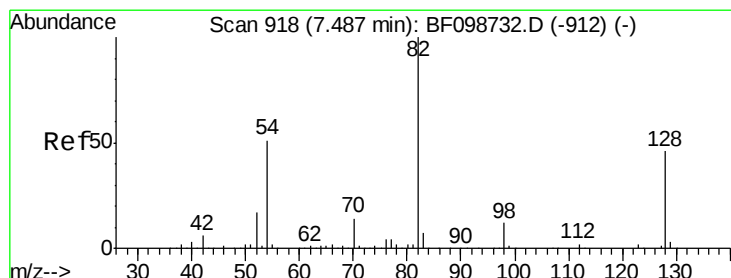
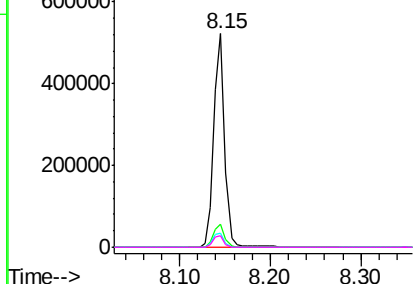
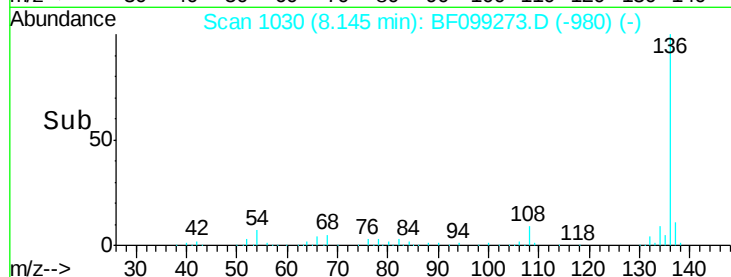
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF099273.D
Acq: 9 Oct 2017 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	443412
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.9 13.3
54	6.9	6.6 9.8
68	5.5	5.0 7.4

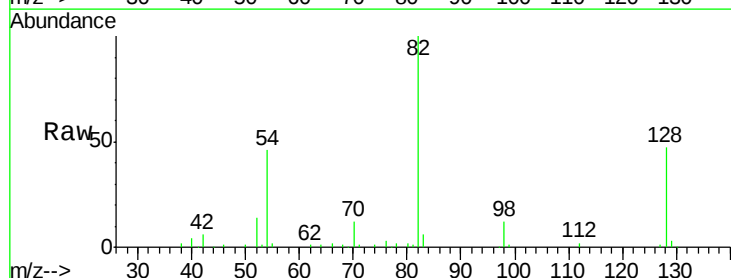


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

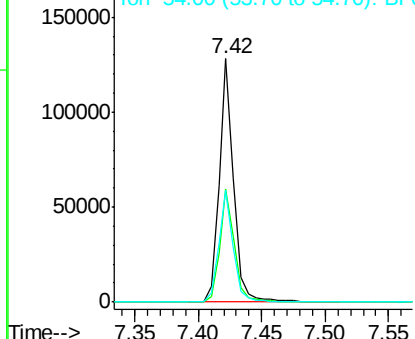
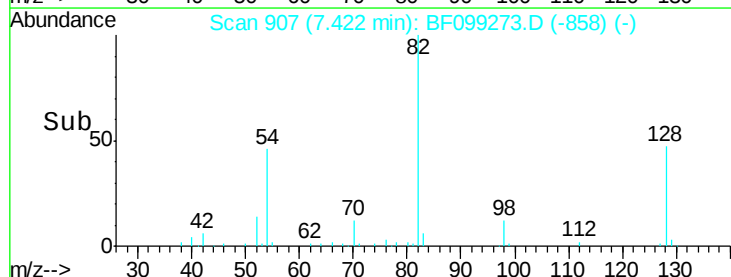


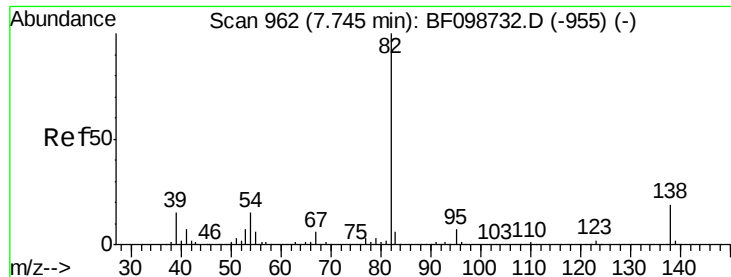
#23
Nitrobenzene-d5
Concen: 14.74 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF099273.D
Acq: 9 Oct 2017 20:16

Tgt Ion: 82	Resp:	101897
Ion Ratio	Lower	Upper
82	100	
128	46.5	36.1 54.1
54	46.1	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: 7.13 ng

RT: 7.42 min Scan# 907

Delta R.T. -0.27 min

Lab File: BF099273.D

Acq: 9 Oct 2017 20:16

Instrument :

BNA_F

ClientSampleId :

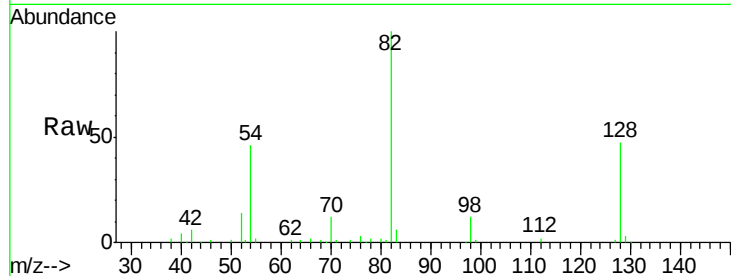
Tot Ion: 82 Resp: 101896

Ion Ratio Lower Upper

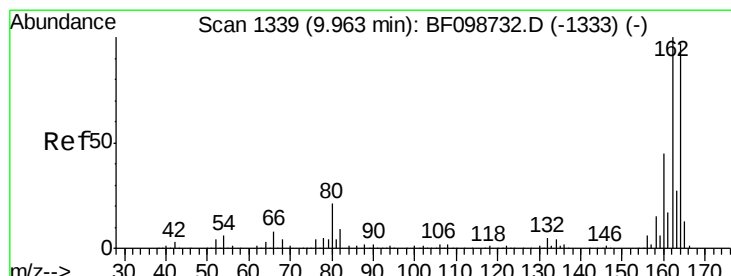
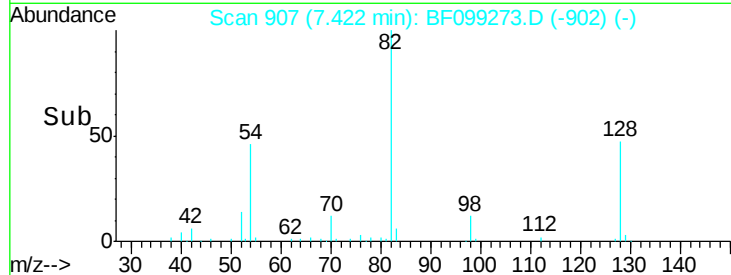
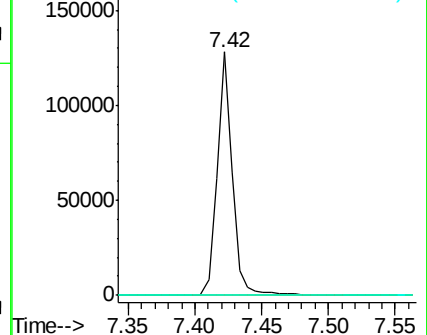
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.90 min Scan# 1328

Delta R.T. -0.01 min

Lab File: BF099273.D

Acq: 9 Oct 2017 20:16

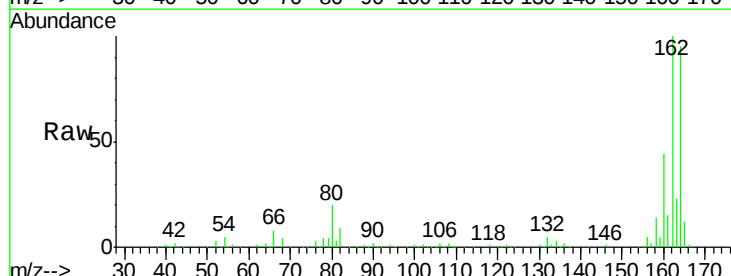
Tgt Ion:164 Resp: 197450

Ion Ratio Lower Upper

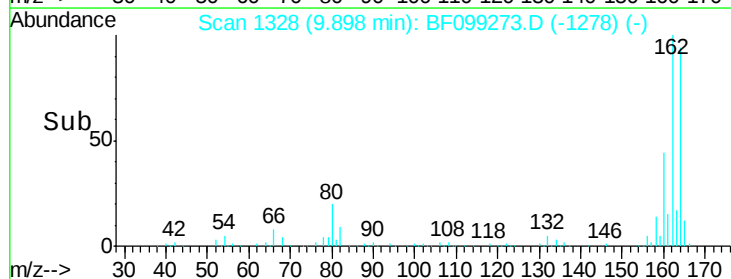
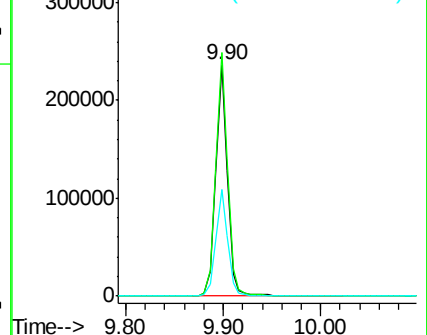
164 100

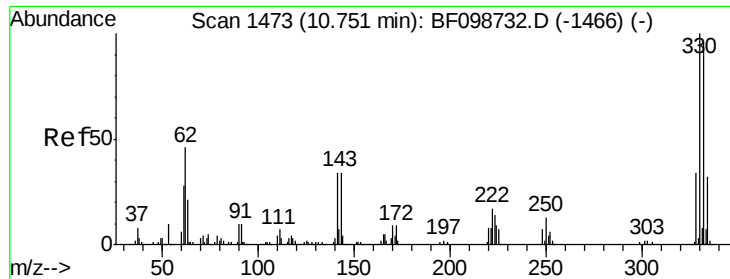
162 105.5 86.1 129.1

160 45.9 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

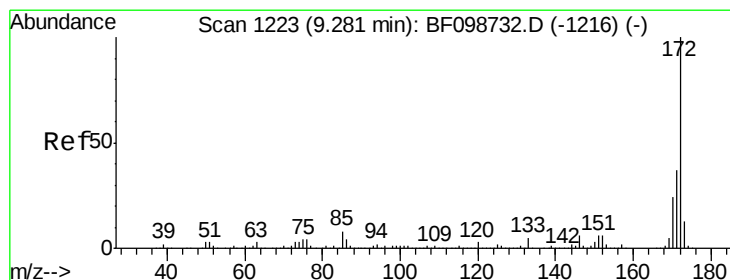
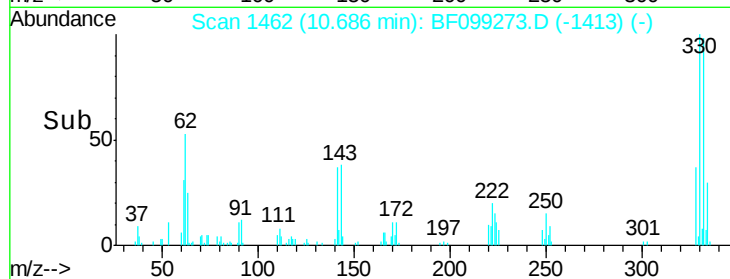
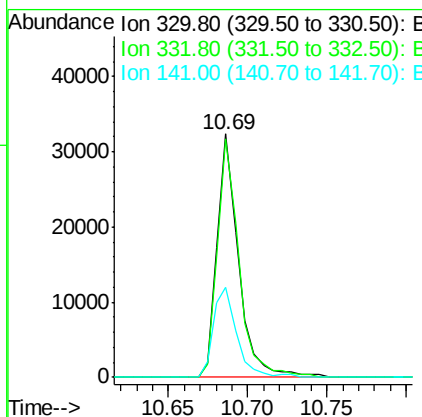
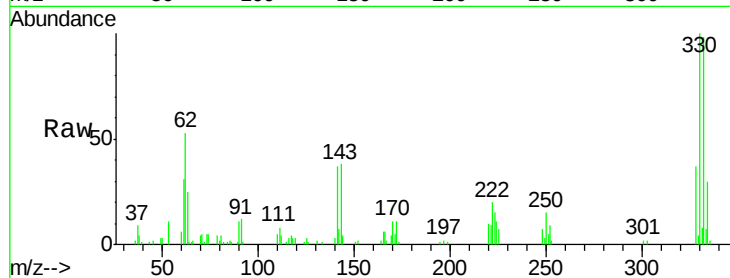




#41
 2,4,6-Tribromophenol
 Concen: 18.97 ng
 RT: 10.69 min Scan# 1462
 Delta R.T. -0.01 min
 Lab File: BF099273.D
 Acq: 9 Oct 2017 20:16

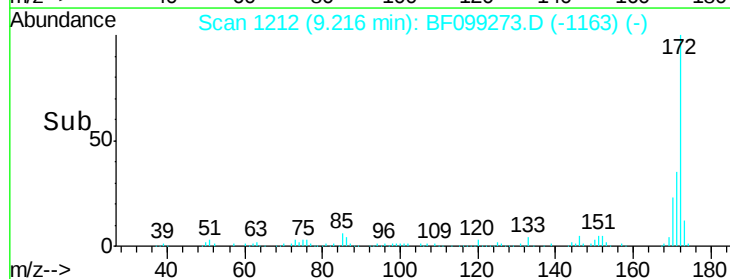
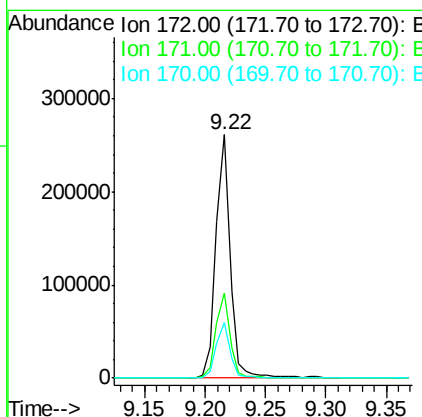
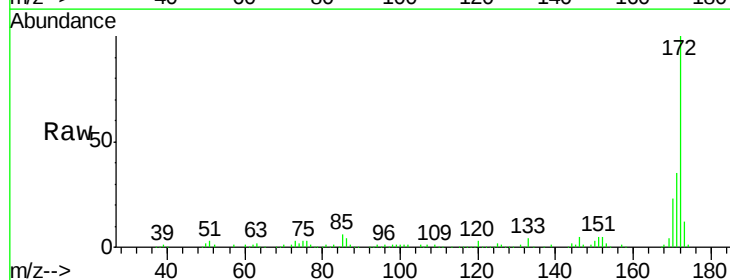
Instrument :
 BNA_F
 ClientSampled :

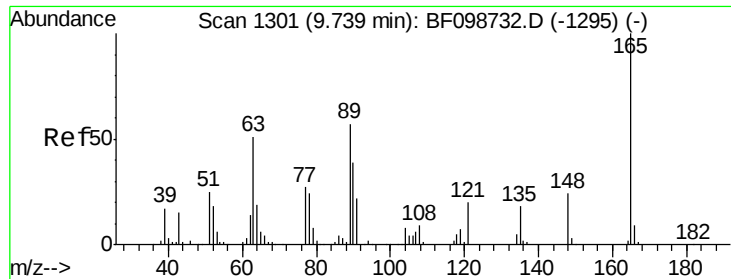
Tot Ion:330 Resp: 30649
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.0 115.6
 141 40.2 29.9 44.9



#44
 2-Fluorobiphenyl
 Concen: 18.03 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF099273.D
 Acq: 9 Oct 2017 20:16

Tgt Ion:172 Resp: 213250
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.7 44.5
 170 22.8 19.6 29.4

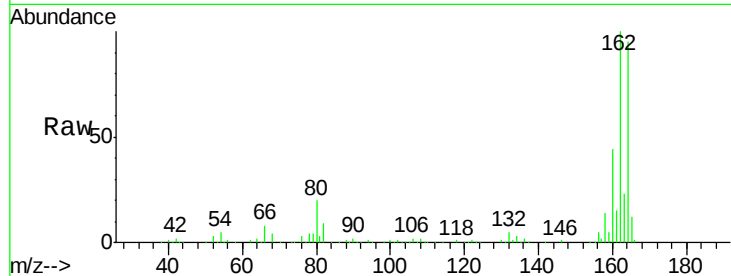




#50
2,6-Dinitrotoluene
Concen: 7.66 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.21 min
Lab File: BF099273.D
Acq: 9 Oct 2017 20:16

Instrument :
BNA_F
ClientSampleId :

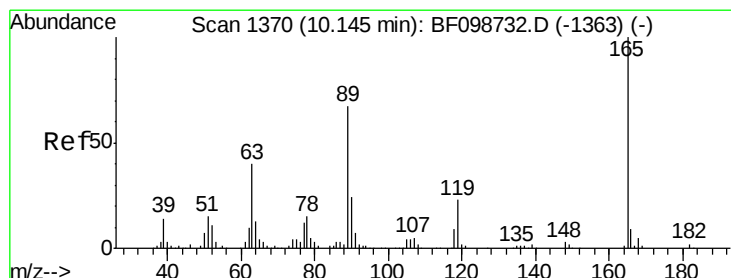
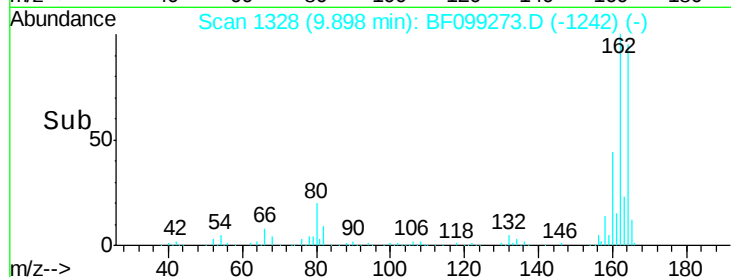
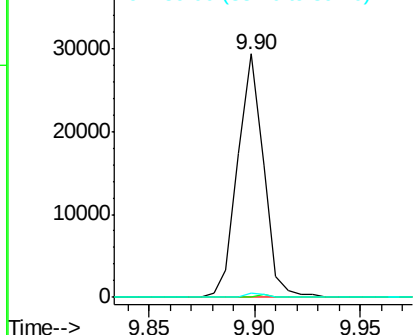
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.7	67.1#
89	1.5	44.0	66.0#



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: 5.90 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.20 min
Lab File: BF099273.D
Acq: 9 Oct 2017 20:16

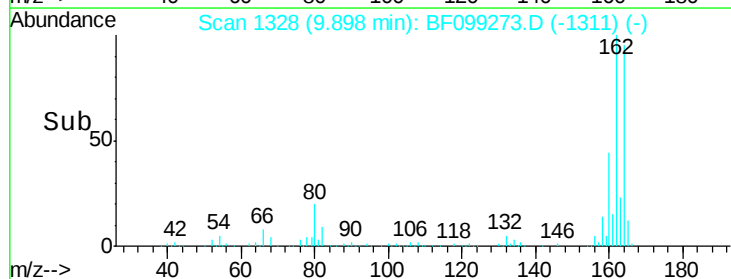
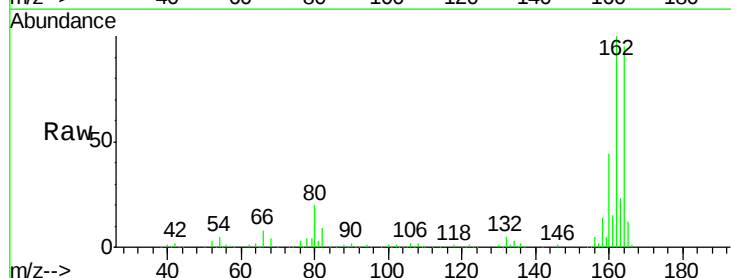
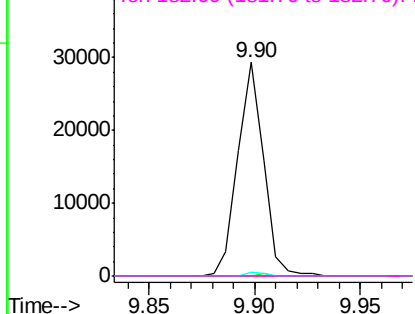
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.4	54.6#
89	1.5	57.8	86.6#
182	0.0	1.6	2.4#

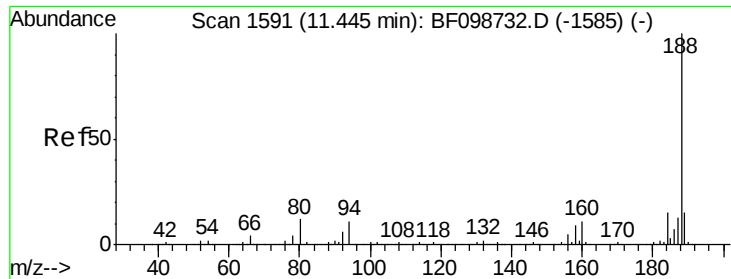
Abundance Ion 165.00 (164.70 to 165.70): E

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

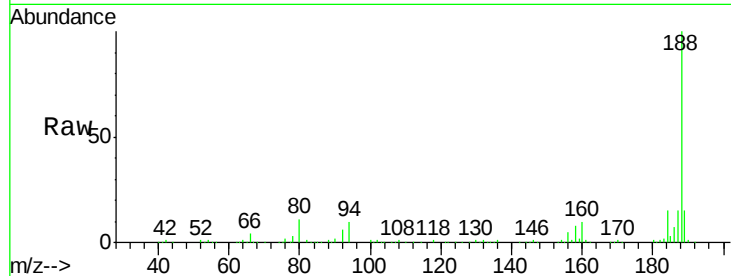




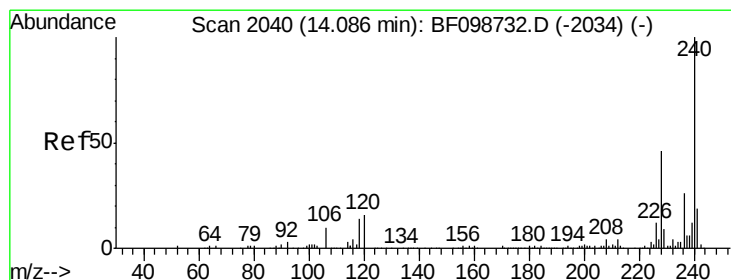
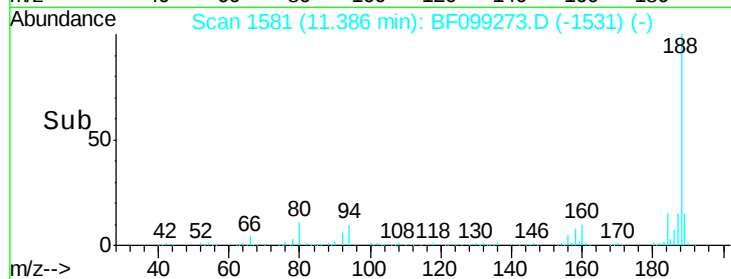
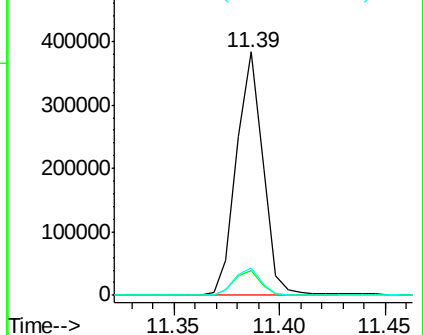
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099273.D
Acq: 9 Oct 2017 20:16

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 332869
Ion Ratio Lower Upper
188 100
94 10.1 8.5 12.7
80 11.0 9.2 13.8

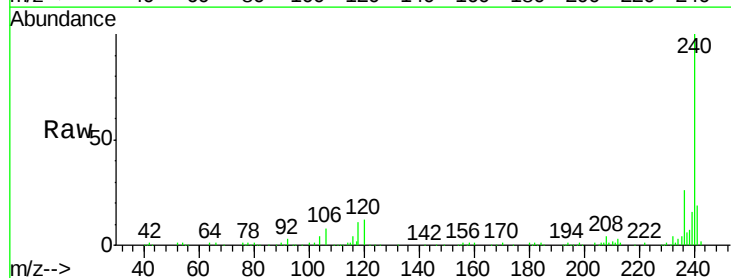


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

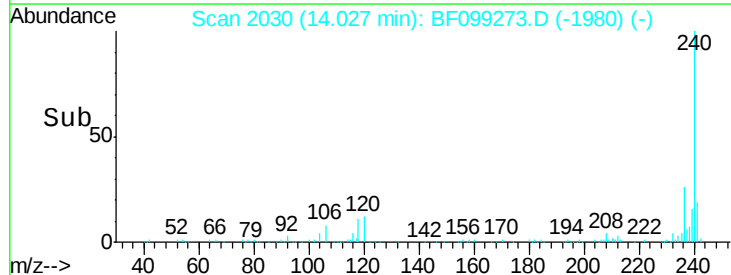
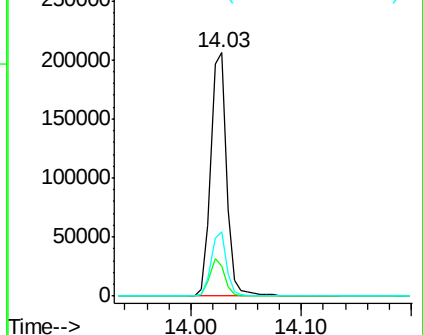


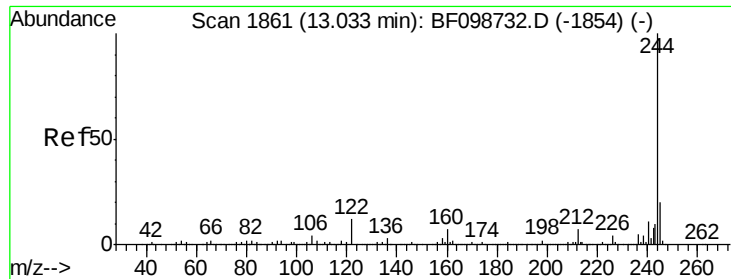
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF099273.D
Acq: 9 Oct 2017 20:16

Tgt Ion:240 Resp: 201732
Ion Ratio Lower Upper
240 100
120 12.1 9.5 14.3
236 26.4 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

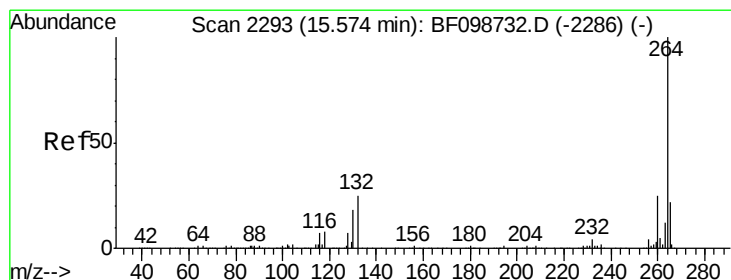
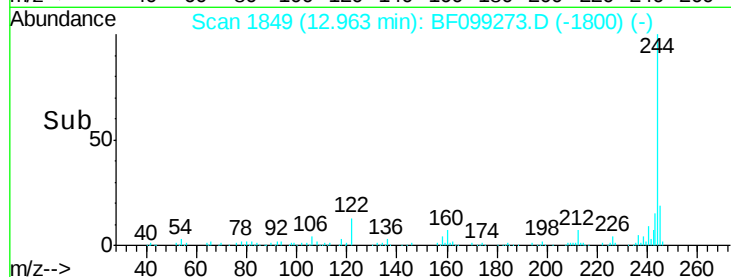
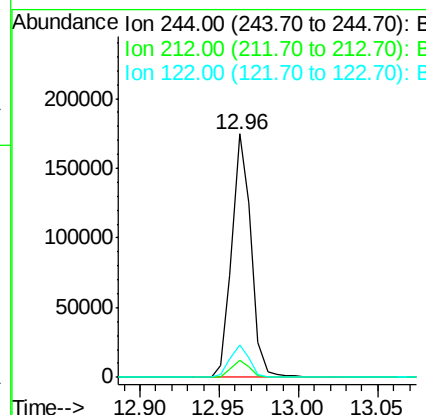
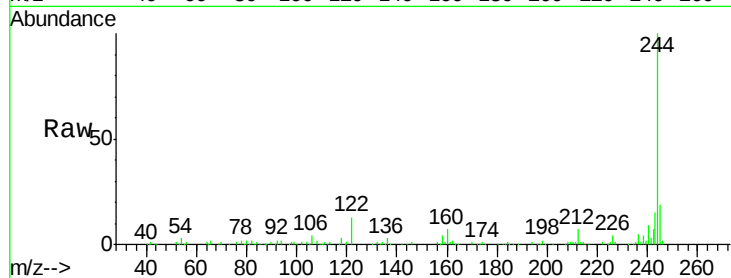




#78
 Terphenyl-d14
 Concen: 16.57 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.01 min
 Lab File: BF099273.D
 Acq: 9 Oct 2017 20:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 146948
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.4 8.0
 122 13.5 11.0 16.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 2281
 Delta R.T. 0.00 min
 Lab File: BF099273.D
 Acq: 9 Oct 2017 20:16

Tgt Ion:264 Resp: 195693
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.1 17.5 26.3

