

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122217\
 Data File : BF101674.D
 Acq On : 23 Dec 2017 00:37
 Operator : SJ/JU
 Sample : I6957-01
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-NW

Quant Time: Dec 23 03:21:50 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 16:07:58 2017
 Response via : Initial Calibration

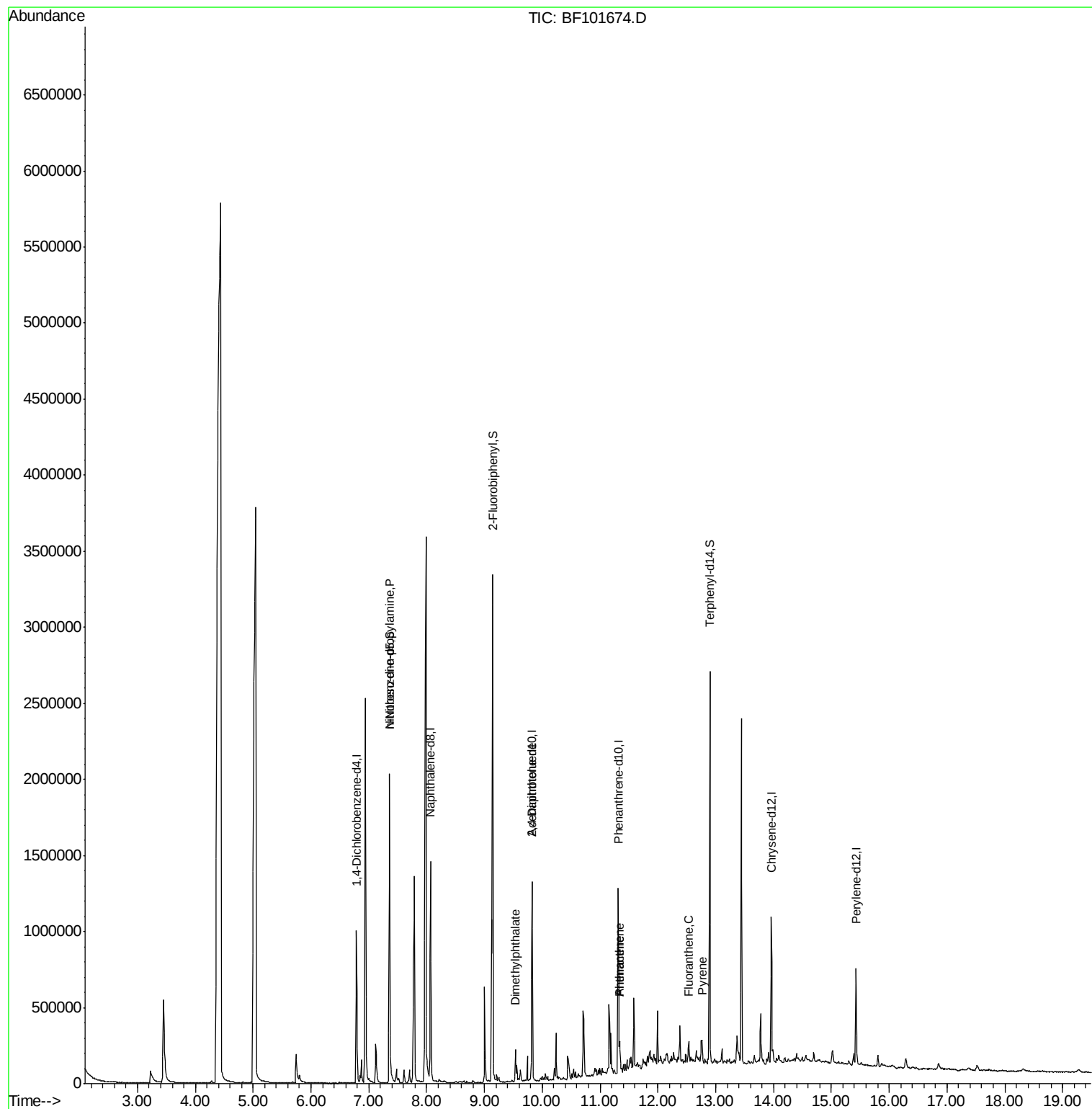
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	154447	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	601343	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	256019	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	417700	20.00	ng	0.00
75) Chrysene-d12	13.96	240	314377	20.00	ng	0.00
86) Perylene-d12	15.43	264	301126	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.52	99	2779	0.22	ng	0.09
23) Nitrobenzene-d5	7.36	82	691685	64.03	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.15	172	1135395	68.79	ng	0.00
78) Terphenyl-d14	12.90	244	878671	67.38	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	91210	10.763	ng	Qvalue # 82
49) Dimethylphthalate	9.54	163	82205	3.992	ng	98
56) 2,4-Dinitrotoluene	9.82	165	31887	6.762	ng	# 23
70) Phenanthrene	11.34	178	54050	2.327	ng	99
71) Anthracene	11.34	178	54050	2.278	ng	99
74) Fluoranthene	12.53	202	49630	2.036	ng	98
77) Pyrene	12.76	202	53447	2.265	ng	97

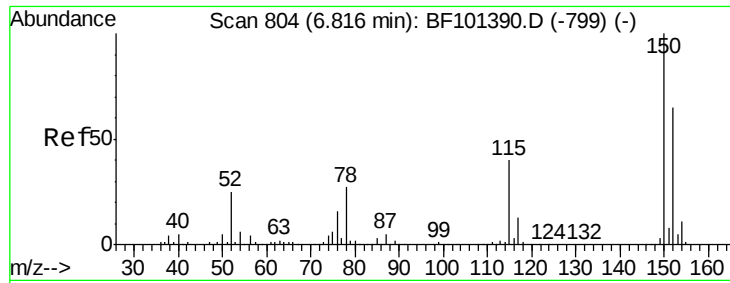
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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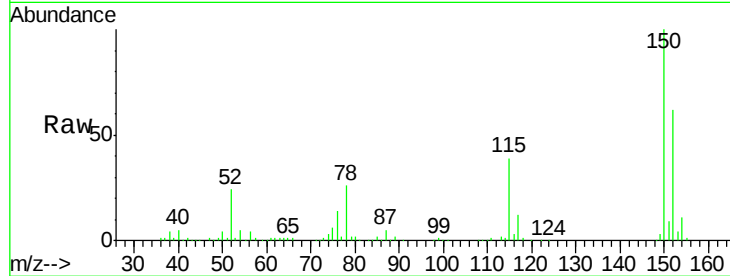


#1

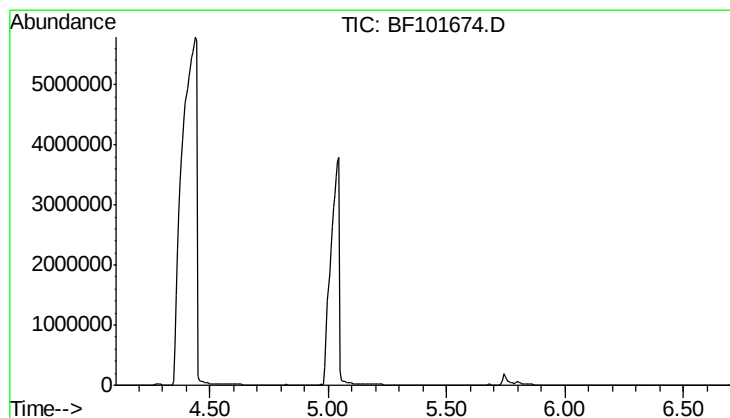
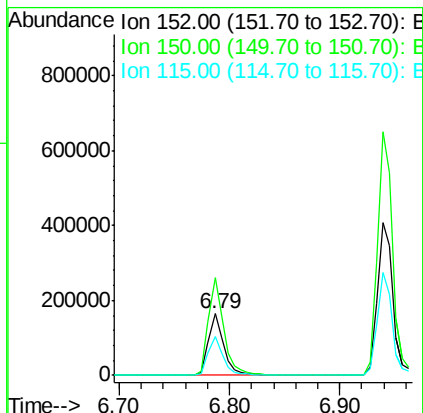
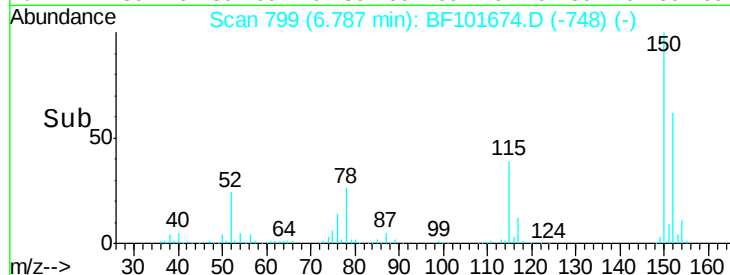
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF101674.D
Acq: 23 Dec 2017 00:37

Instrument :
BNA_F
ClientSampleId :
HALSTED-NW

Tot Ion:152 Resp: 154447
Ion Ratio Lower Upper
152 100
150 160.2 124.6 186.8
115 62.6 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

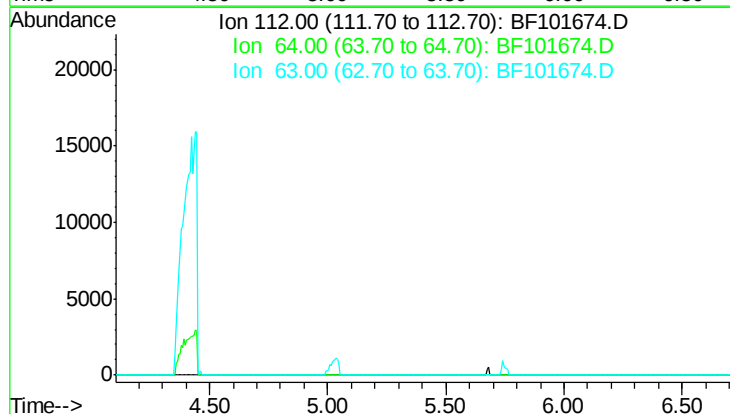


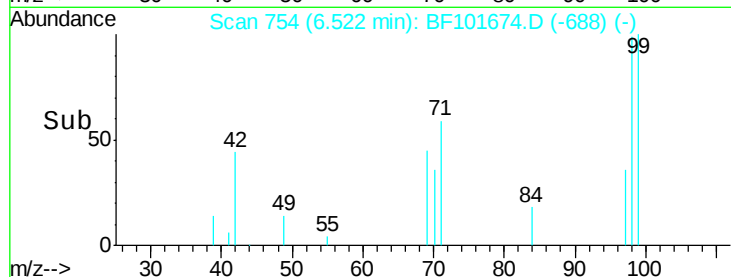
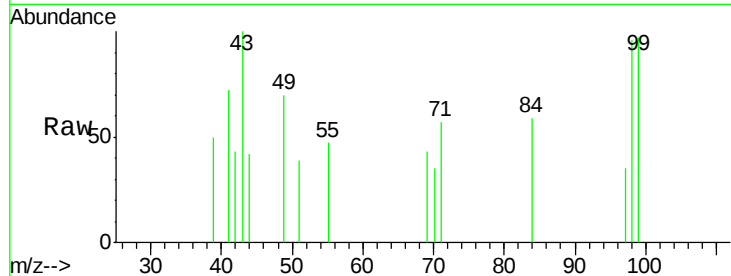
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.40 min

Lab File: BF101674.D
Acq: 23 Dec 2017 00:37

Tgt Ion: 112
Sig Exp Ratio
112 100
64 59.9
63 29.6





#7

Phenol-d6

Concen: 0.215 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.09 min

Lab File: BF101674.D

Acq: 23 Dec 2017 00:37

Instrument :

BNA_F

ClientSampleId :

HALSTED-NW

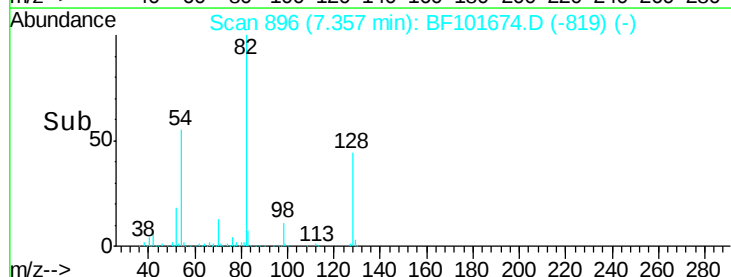
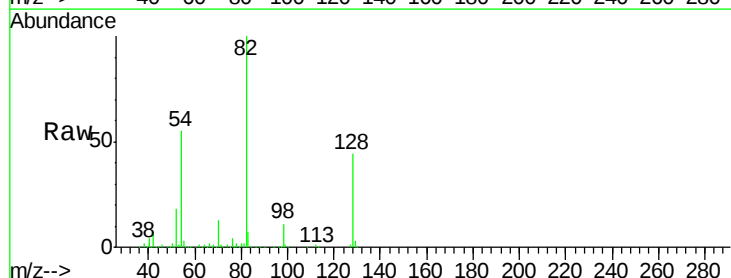
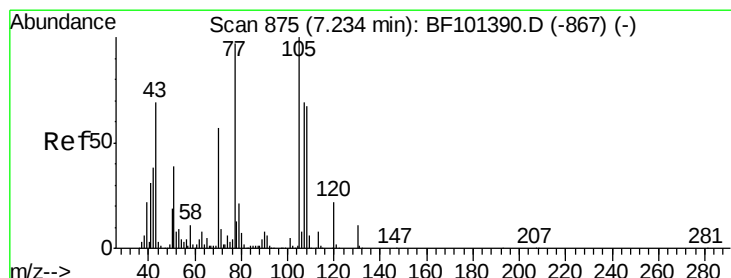
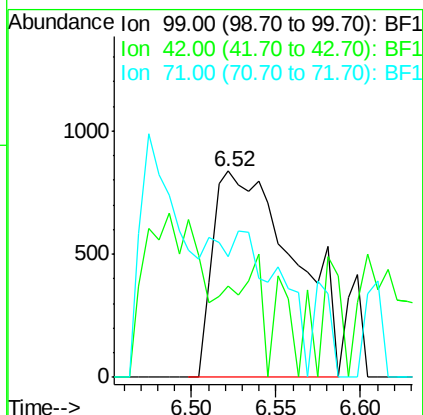
Tot Ion: 99 Resp: 2779

Ion Ratio Lower Upper

99 100

42 44.1 14.5 21.7#

71 58.8 25.4 38.0#



#19

n-Nitroso-di-n-propylamine

Concen: 10.763 ng

RT: 7.36 min Scan# 896

Delta R.T. 0.15 min

Lab File: BF101674.D

Acq: 23 Dec 2017 00:37

Tgt Ion: 70 Resp: 91210

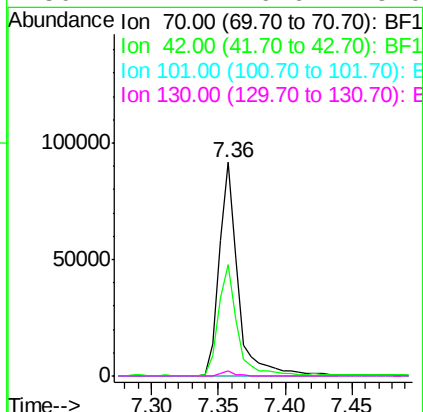
Ion Ratio Lower Upper

70 100

42 51.9 47.5 71.3

101 0.0 7.4 11.2#

130 2.4 16.6 25.0#

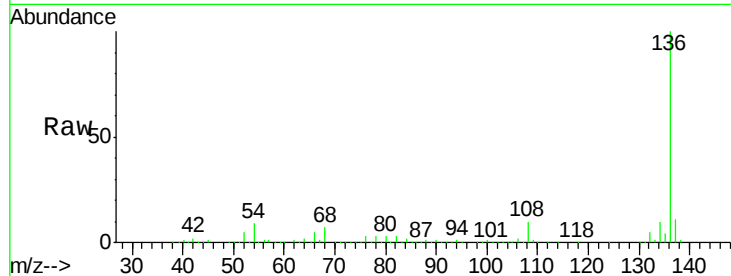




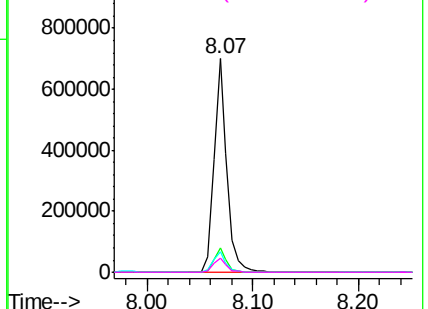
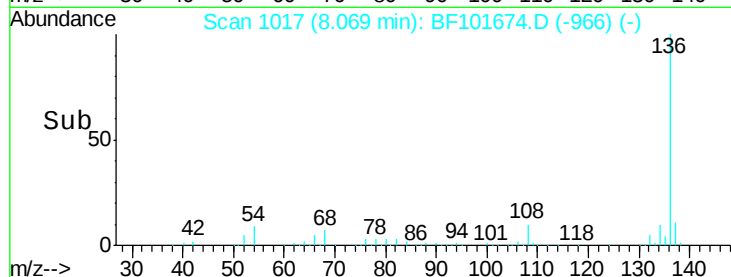
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.00 min
Lab File: BF101674.D
Acq: 23 Dec 2017 00:37

Instrument :
BNA_F
ClientSampleId :
HALSTED-NW

Tot Ion:136	Resp:	601343
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.9 13.3
54	9.4	6.6 9.8
68	6.9	5.0 7.4

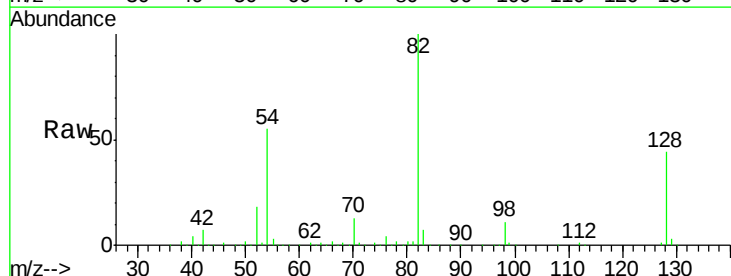


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

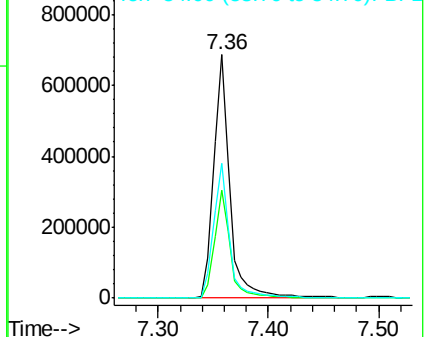
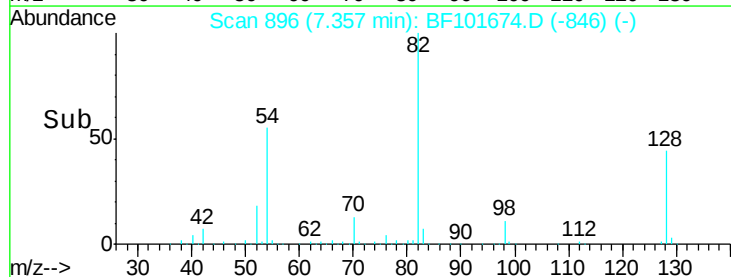


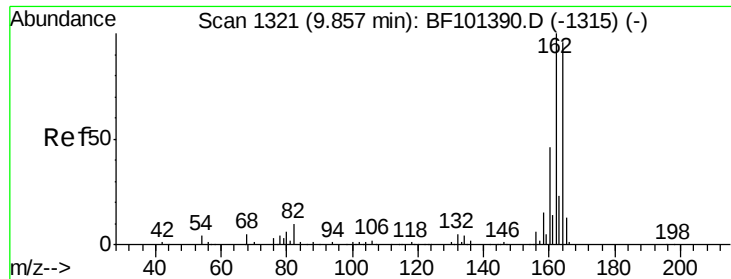
#23
Nitrobenzene-d5
Concen: 64.029 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.01 min
Lab File: BF101674.D
Acq: 23 Dec 2017 00:37

Tgt Ion: 82	Resp:	691685
Ion Ratio	Lower	Upper
82	100	
128	44.4	36.1 54.1
54	55.3	41.4 62.2



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF101674.D

Acq: 23 Dec 2017 00:37

Instrument :

BNA_F

ClientSampleId :

HALSTED-NW

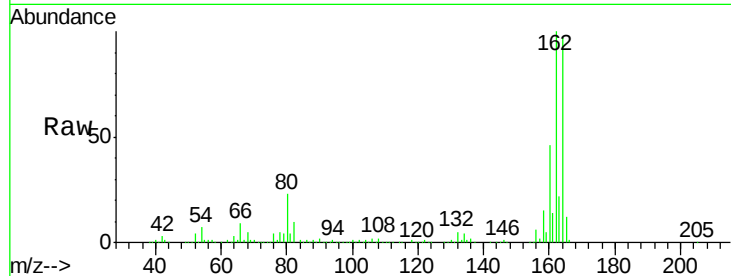
Tot Ion:164 Resp: 256019

Ion Ratio Lower Upper

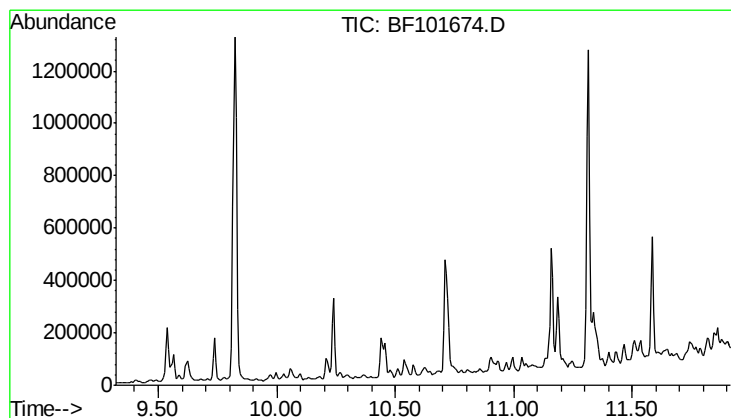
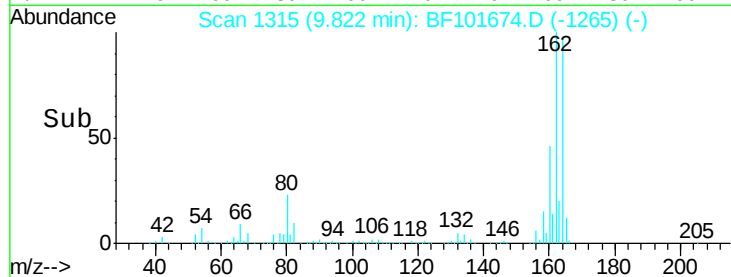
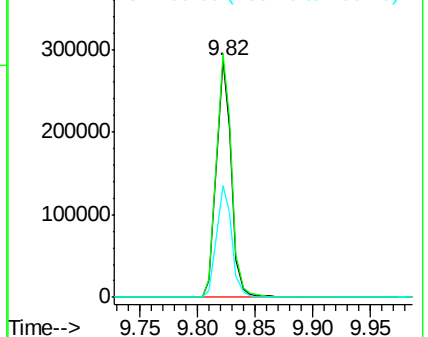
164 100

162 102.8 86.1 129.1

160 47.2 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: 0.000 ng

Expected RT: 10.62 min

Lab File: BF101674.D

Acq: 23 Dec 2017 00:37

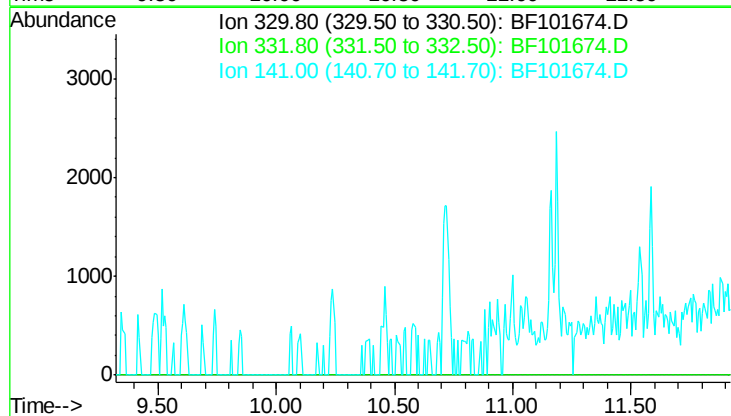
Tgt Ion: 330

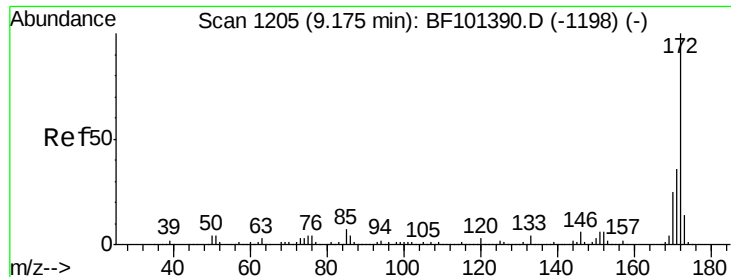
Sig Exp Ratio

330 100

332 96.3

141 37.4



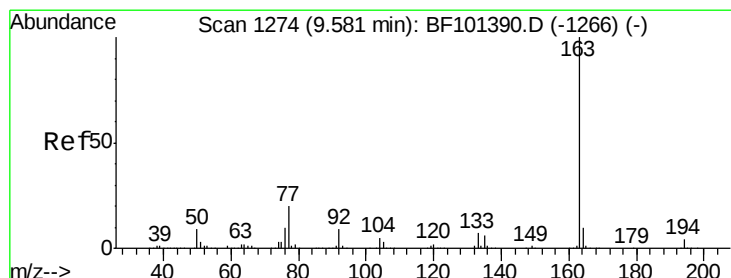
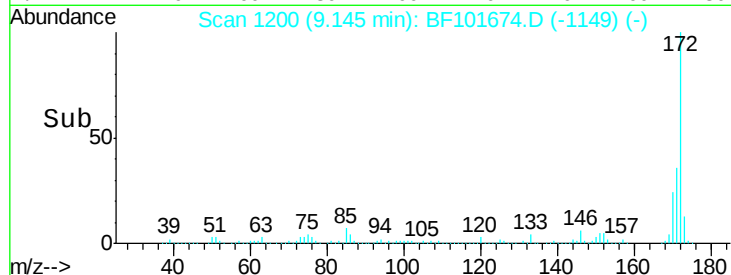
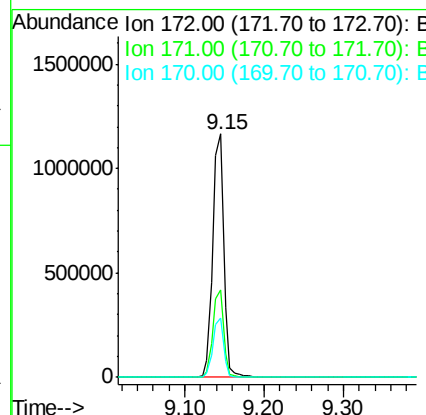
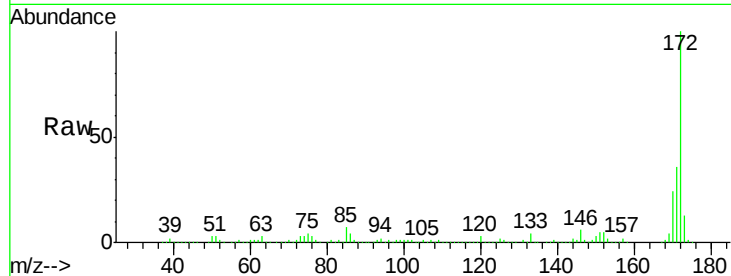


#44
 2-Fluorobiphenyl
 Concen: 68.795 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF101674.D
 Acq: 23 Dec 2017 00:37

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-NW

Tot Ion:172 Resp: 1135395

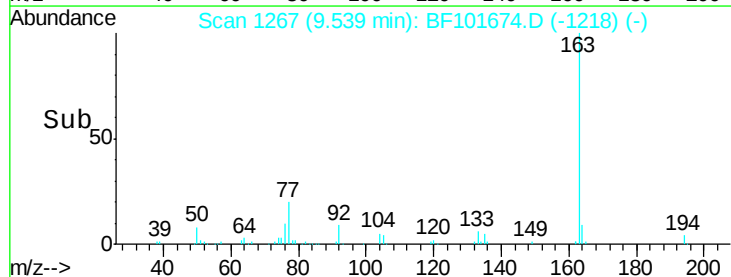
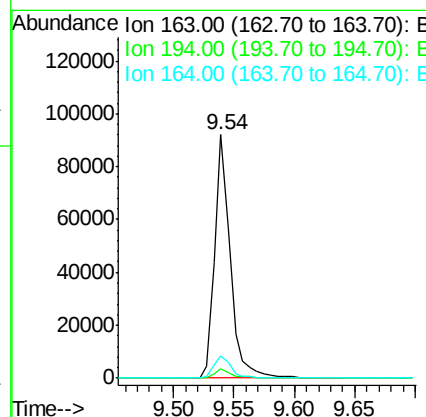
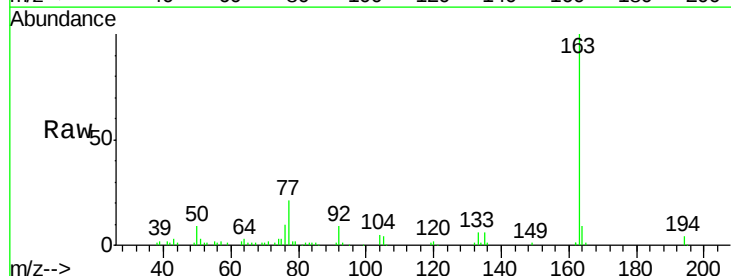
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.3	19.6	29.4

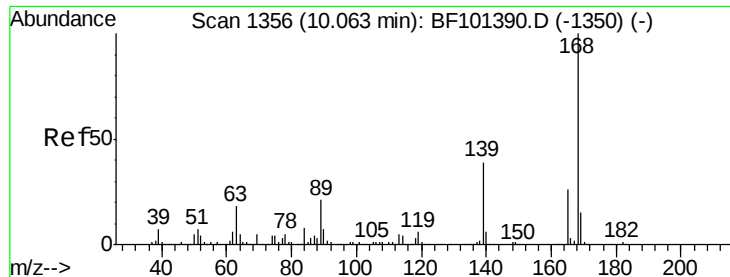


#49
 Dimethylphthalate
 Concen: 3.992 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF101674.D
 Acq: 23 Dec 2017 00:37

Tgt Ion:163 Resp: 82205

Ion	Ratio	Lower	Upper
163	100		
194	3.8	2.7	4.1
164	9.3	8.2	12.2

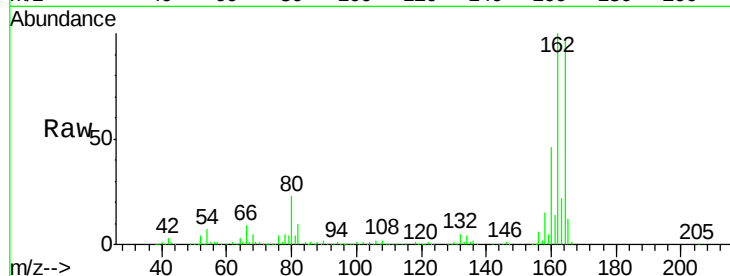




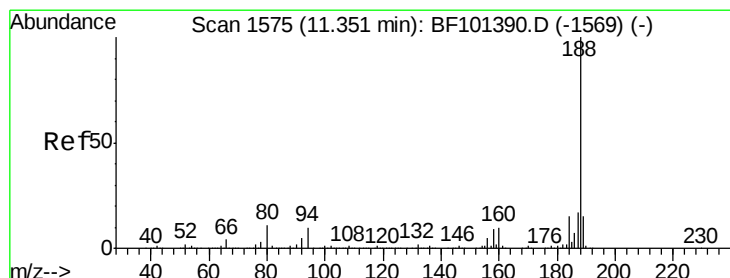
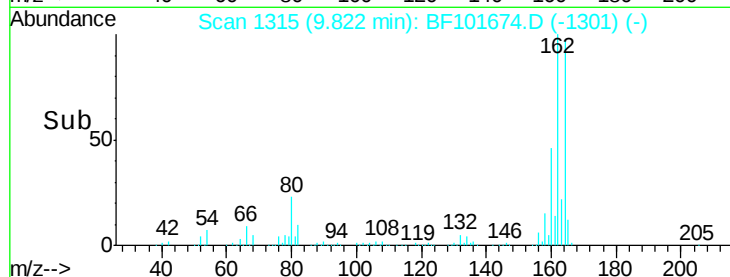
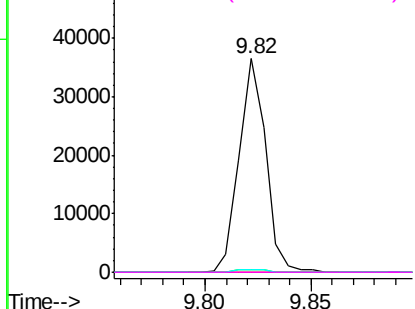
#56
 2,4-Dinitrotoluene
 Concen: 6.762 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.22 min
 Lab File: BF101674.D
 Acq: 23 Dec 2017 00:37

Instrument :
 BNA_F
 ClientSampleId :
 HALSTED-NW

Tot Ion:165 Resp: 31887
 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#

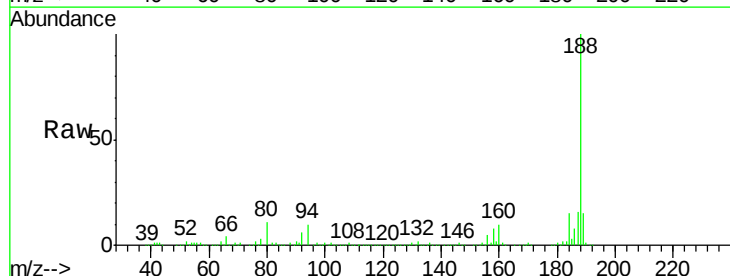


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

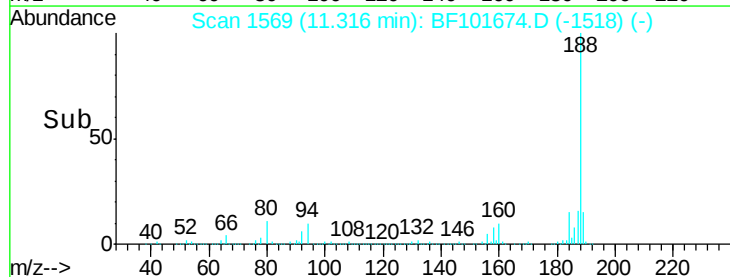
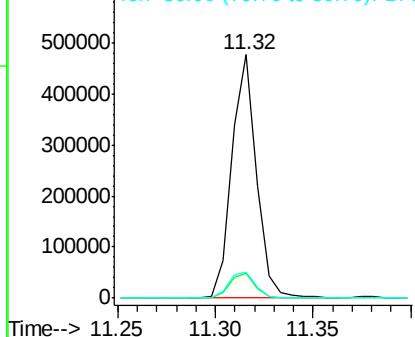


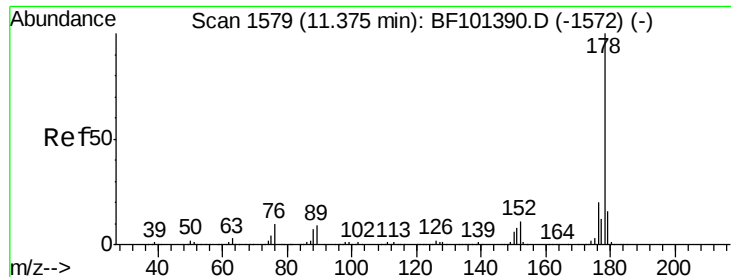
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.32 min Scan# 1569
 Delta R.T. 0.00 min
 Lab File: BF101674.D
 Acq: 23 Dec 2017 00:37

Tgt Ion:188 Resp: 417700
 Ion Ratio Lower Upper
 188 100
 94 10.4 8.5 12.7
 80 10.9 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF1
 Ion 80.00 (79.70 to 80.70): BF1





#70

Phenanthrene

Concen: 2.327 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.01 min

Lab File: BF101674.D

Acq: 23 Dec 2017 00:37

Instrument :

BNA_F

ClientSampleId :

HALSTED-NW

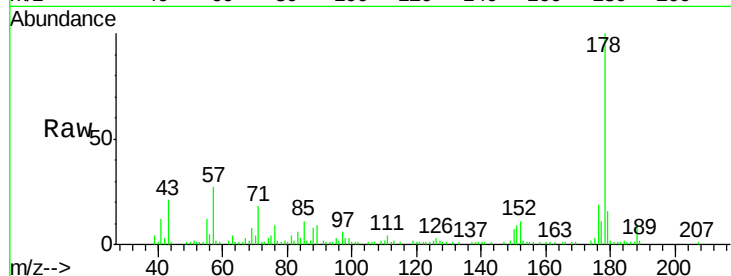
Tot Ion:178 Resp: 54050

Ion Ratio Lower Upper

178 100

176 19.1 15.8 23.8

179 16.4 13.0 19.6

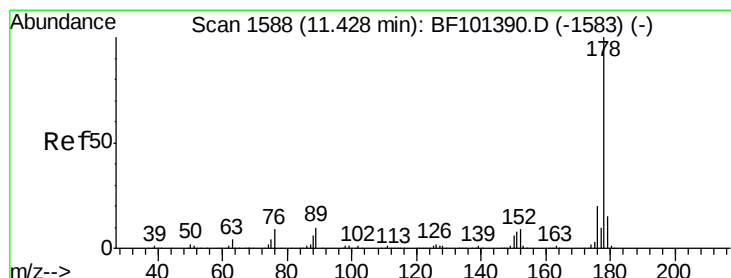
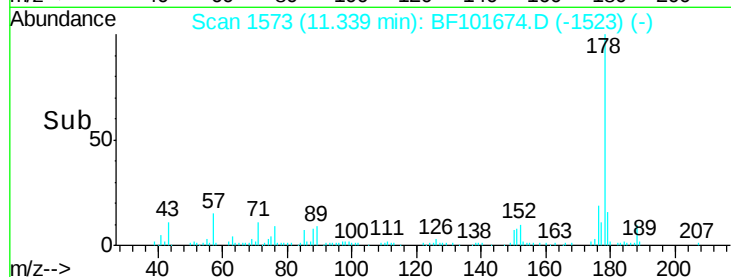
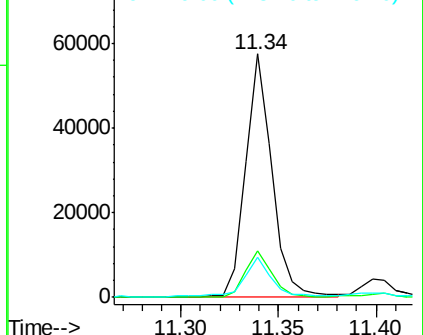


Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#71

Anthracene

Concen: 2.278 ng

RT: 11.34 min Scan# 1573

Delta R.T. -0.06 min

Lab File: BF101674.D

Acq: 23 Dec 2017 00:37

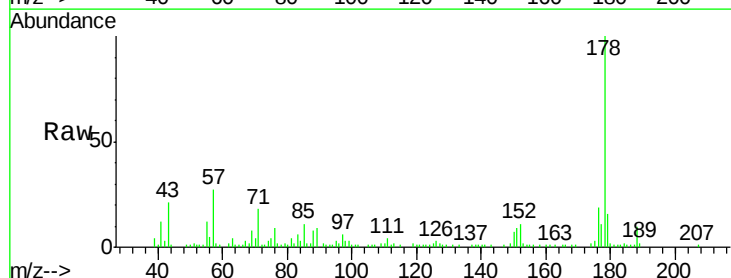
Tgt Ion:178 Resp: 54050

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

179 16.4 12.6 19.0

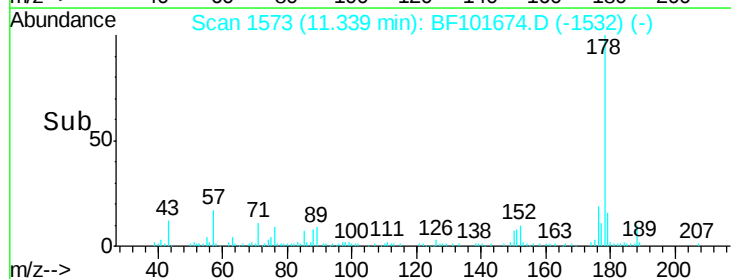
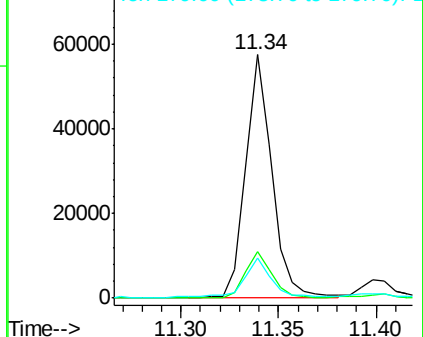


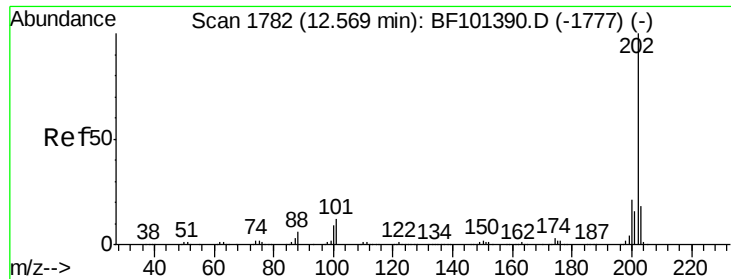
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#74

Fluoranthene

Concen: 2.036 ng

RT: 12.53 min Scan# 1776

Delta R.T. 0.00 min

Lab File: BF101674.D

Acq: 23 Dec 2017 00:37

Instrument :

BNA_F

ClientSampleId :

HALSTED-NW

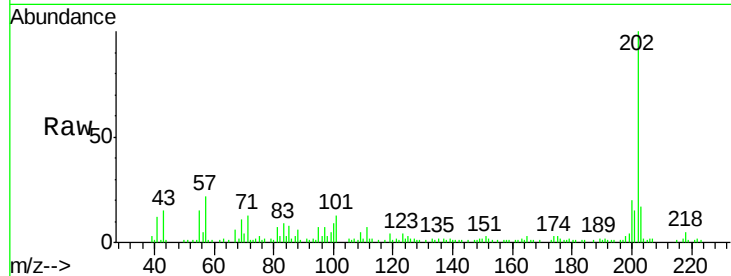
Tot Ion:202 Resp: 49630

Ion Ratio Lower Upper

202 100

101 13.2 0.0 34.1

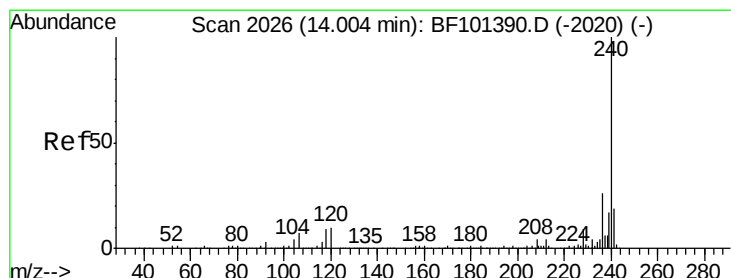
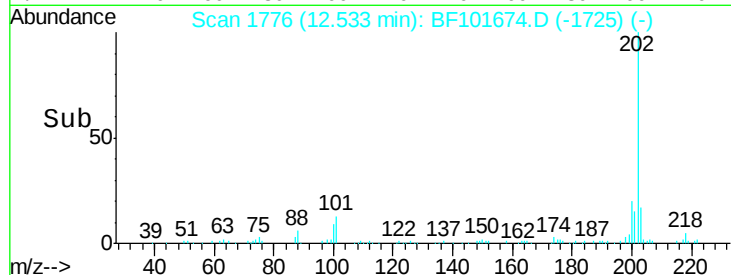
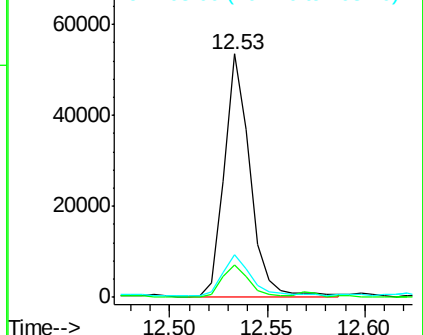
203 17.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101674.D

Acq: 23 Dec 2017 00:37

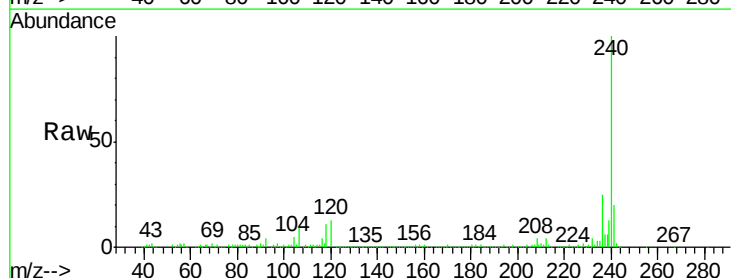
Tgt Ion:240 Resp: 314377

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

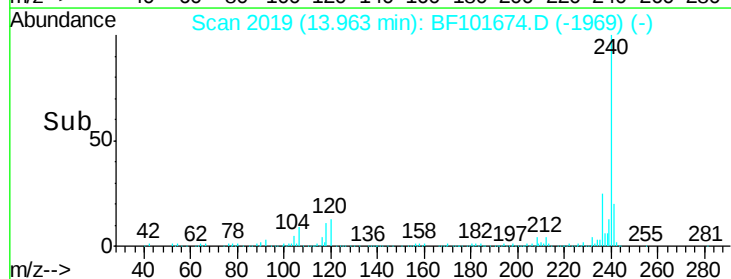
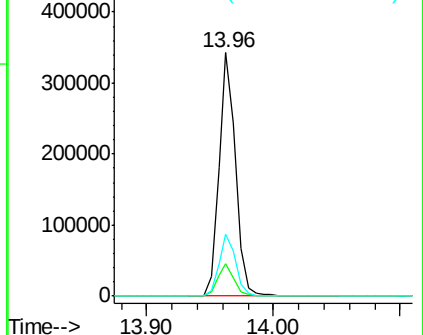
236 25.4 20.7 31.1

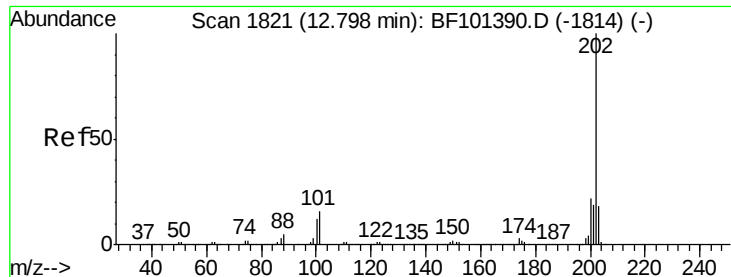


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

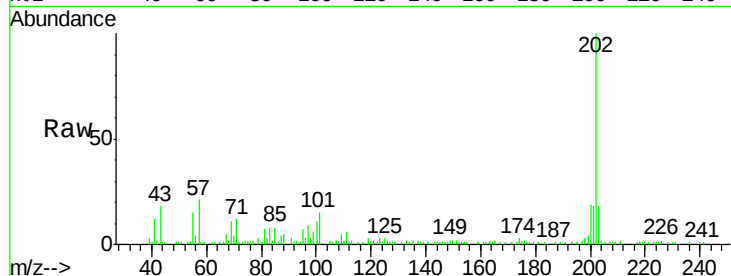




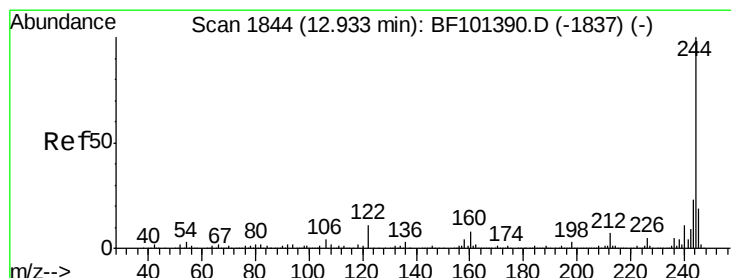
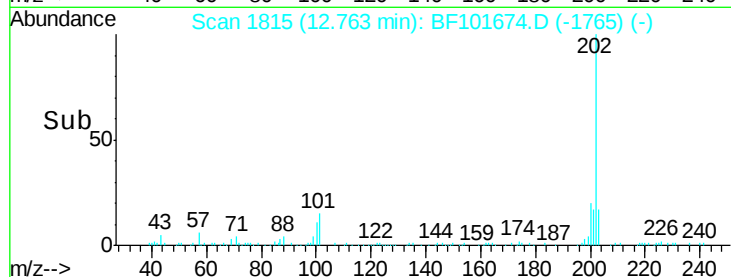
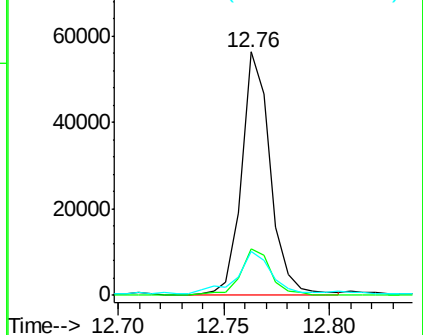
#77
Pvrene
Concen: 2.265 ng
RT: 12.76 min Scan# 1815
Delta R.T. -0.01 min
Lab File: BF101674.D
Acq: 23 Dec 2017 00:37

Instrument :
BNA_F
ClientSampleId :
HALSTED-NW

Tot Ion: 202 Resp: 53447
Ion Ratio Lower Upper
202 100
200 19.3 17.4 26.2
203 18.0 14.3 21.5

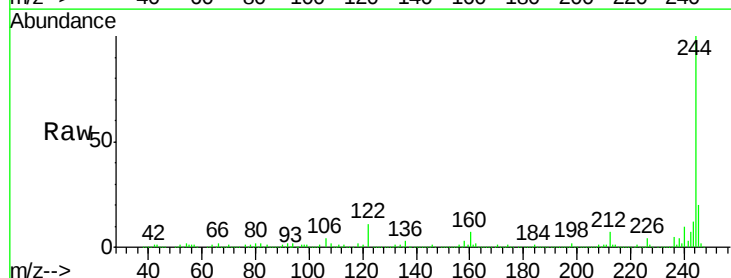


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E

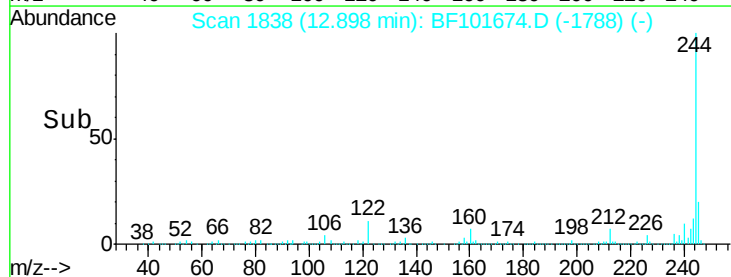
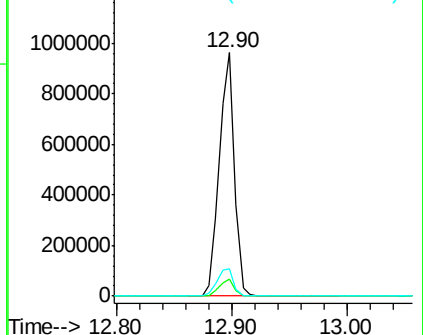


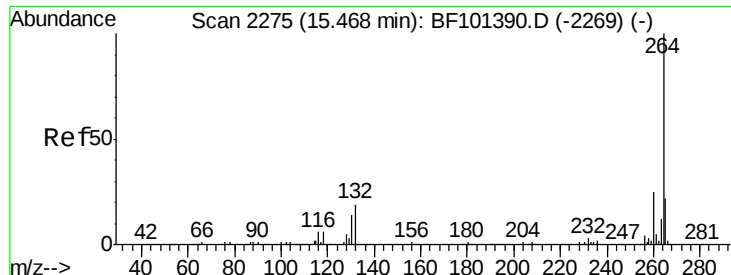
#78
Terphenyl-d14
Concen: 67.380 ng
RT: 12.90 min Scan# 1838
Delta R.T. -0.01 min
Lab File: BF101674.D
Acq: 23 Dec 2017 00:37

Tgt Ion: 244 Resp: 878671
Ion Ratio Lower Upper
244 100
212 6.8 5.4 8.0
122 11.2 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: 20.000 ng
RT: 15.43 min Scan# 2268
Delta R.T. 0.00 min
Lab File: BF101674.D
Acq: 23 Dec 2017 00:37

Instrument :
BNA_F
ClientSampleId :
HALSTED-NW

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	21.4	17.5	26.3

