

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
 Data File : BG037136.D
 Acq On : 3 Oct 2018 16:45
 Operator : JU/SJ
 Sample : J5212-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 03 17:59:57 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 10:41:23 2018
 Response via : Initial Calibration

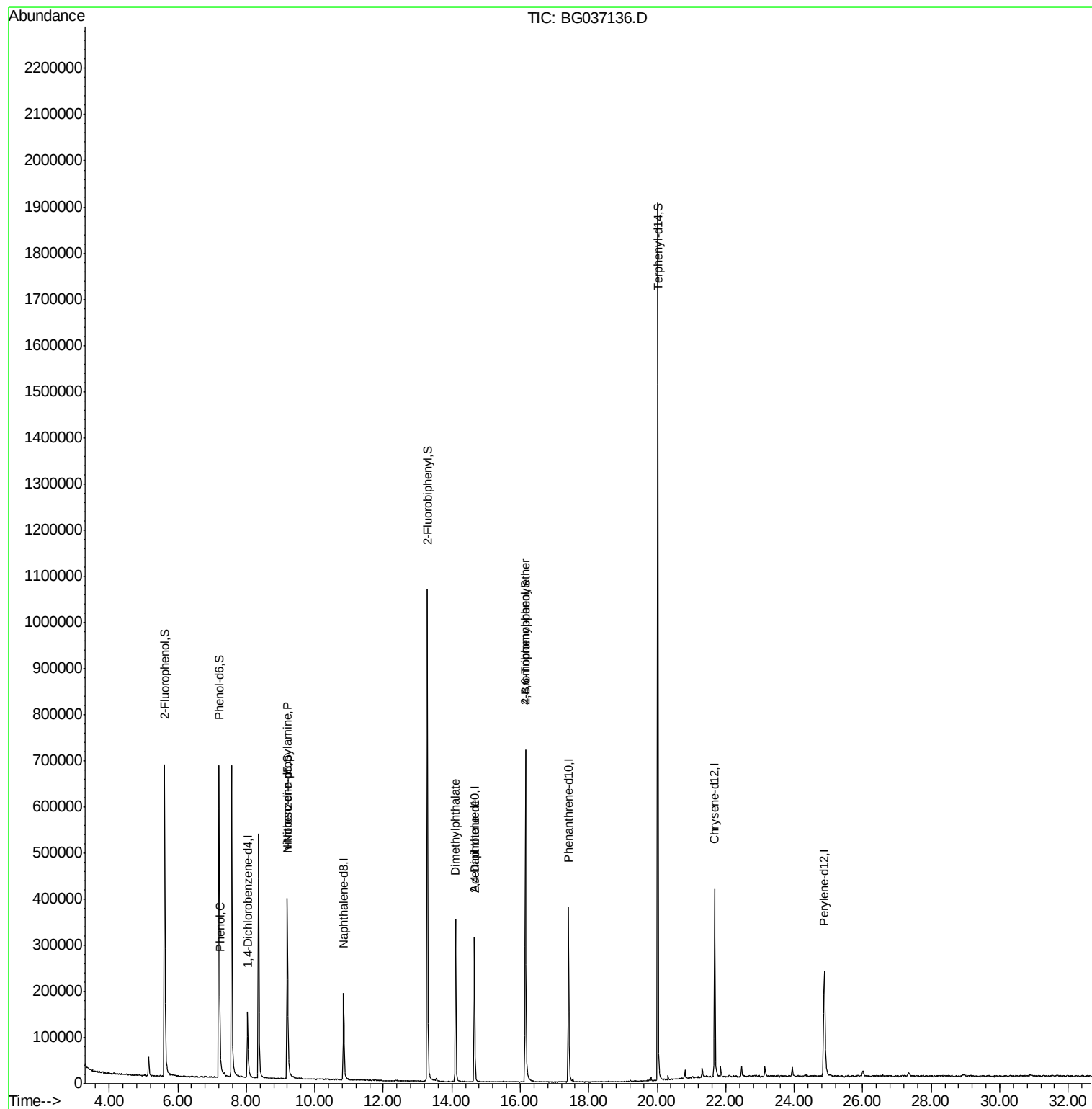
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	46573	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	200428	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	120220	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	274406	20.00	ng	-0.01
75) Chrysene-d12	21.67	240	286866	20.00	ng	-0.02
86) Perylene-d12	24.87	264	278599	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	329456	135.66	ng	0.00
7) Phenol-d6	7.20	99	453629	120.73	ng	-0.01
23) Nitrobenzene-d5	9.20	82	297003	79.35	ng	-0.01
41) 2,4,6-Tribromophenol	16.15	330	144733	100.62	ng	-0.02
44) 2-Fluorobiphenyl	13.29	172	637485	78.98	ng	-0.01
78) Terphenyl-d14	20.01	244	941180	86.27	ng	-0.01
Target Compounds						
10) Phenol	7.23	94	9518	2.455	ng	# 55
19) n-Nitroso-di-n-propylamine	9.20	70	38875	12.437	ng	# 69
49) Dimethylphthalate	14.11	163	259791	26.847	ng	# 99
56) 2,4-Dinitrotoluene	14.66	165	14810	5.027	ng	# 18
66) 4-Bromophenyl-phenylether	16.15	248	10019	3.210	ng	# 1

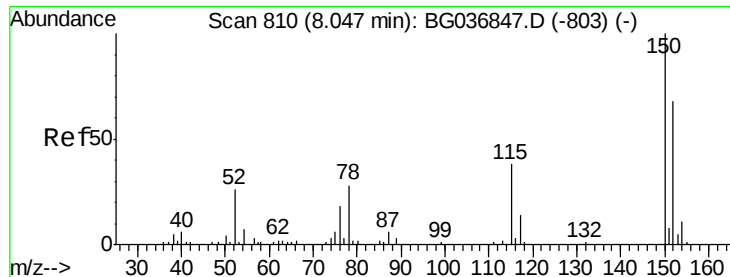
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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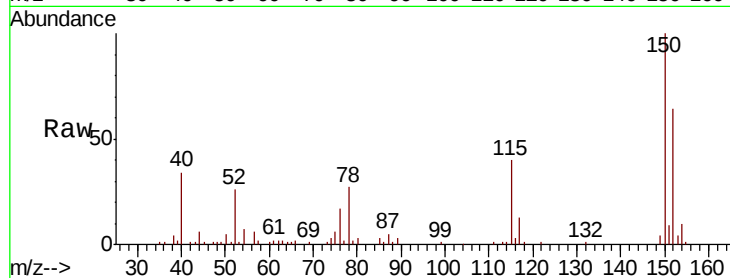


#1

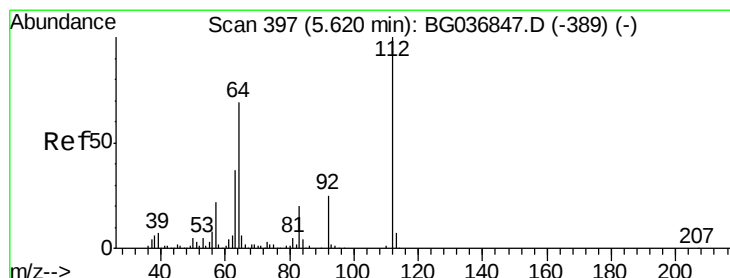
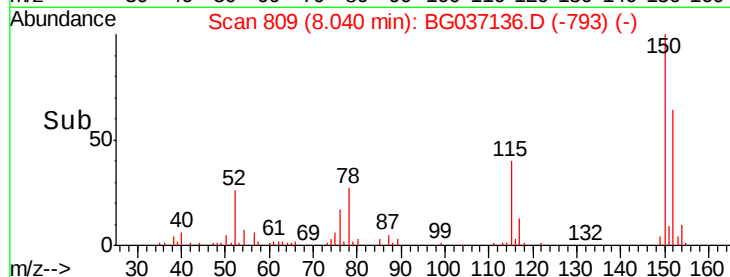
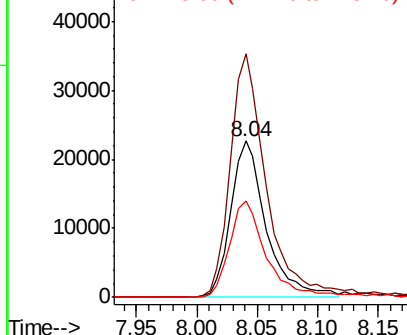
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 809
Delta R.T. -0.01 min
Lab File: BG037136.D
Acq: 3 Oct 2018 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 46573
Ion Ratio Lower Upper
152 100
150 156.0 119.5 179.3
115 61.7 44.5 66.7



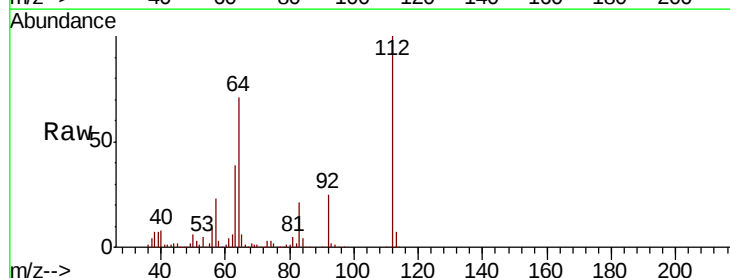
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



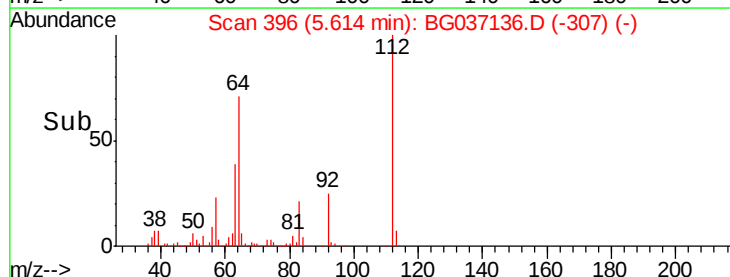
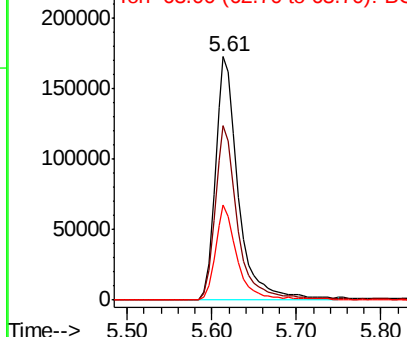
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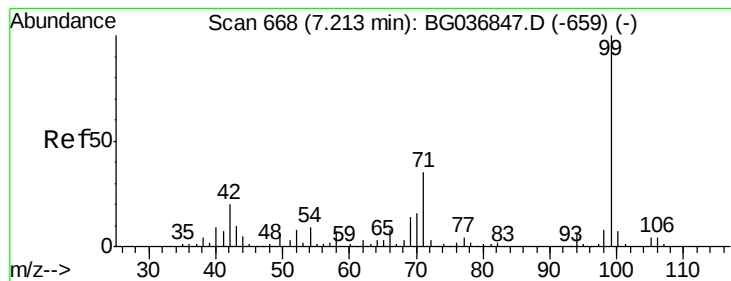
2-Fluorophenol
Concen: 135.663 ng
RT: 5.61 min Scan# 396
Delta R.T. -0.01 min
Lab File: BG037136.D
Acq: 3 Oct 2018 16:45

Tgt Ion:112 Resp: 329456
Ion Ratio Lower Upper
112 100
64 71.4 57.2 85.8
63 39.2 30.8 46.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 120.734 ng

RT: 7.20 min Scan# 666

Delta R.T. -0.01 min

Lab File: BG037136.D

Acq: 3 Oct 2018 16:45

Instrument :

BNA_F

ClientSampled :

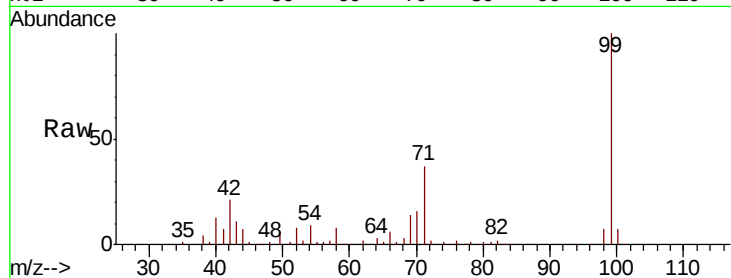
Tot Ion: 99 Resp: 453629

Ion Ratio Lower Upper

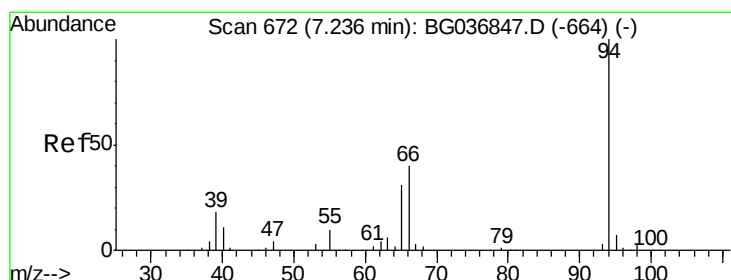
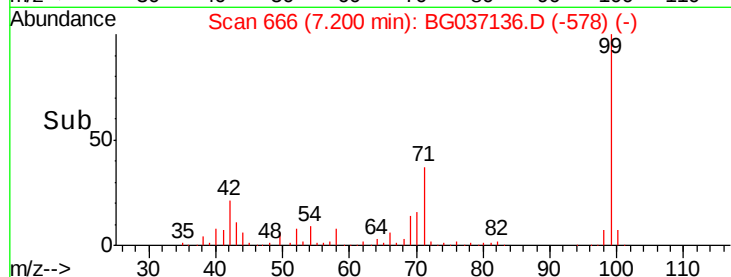
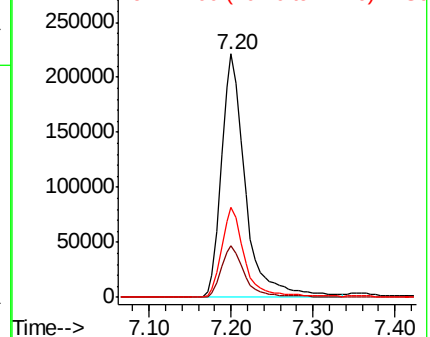
99 100

42 21.2 16.5 24.7

71 37.1 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#10

Phenol

Concen: 2.455 ng

RT: 7.23 min Scan# 671

Delta R.T. -0.01 min

Lab File: BG037136.D

Acq: 3 Oct 2018 16:45

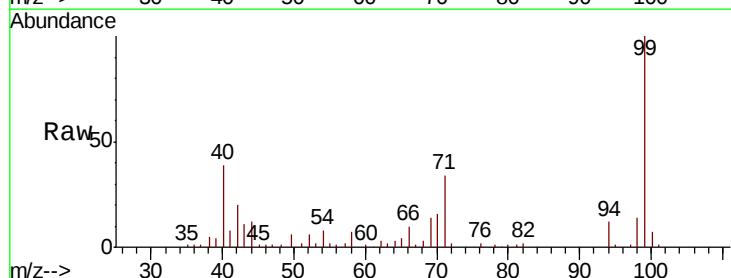
Tgt Ion: 94 Resp: 9518

Ion Ratio Lower Upper

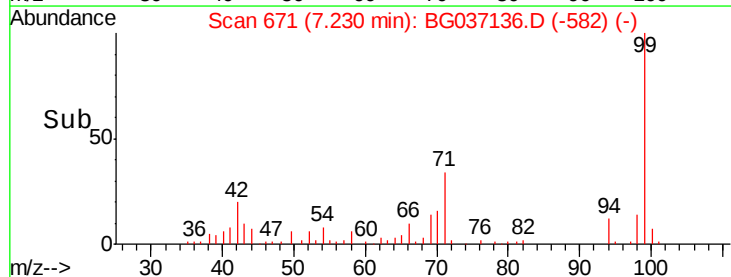
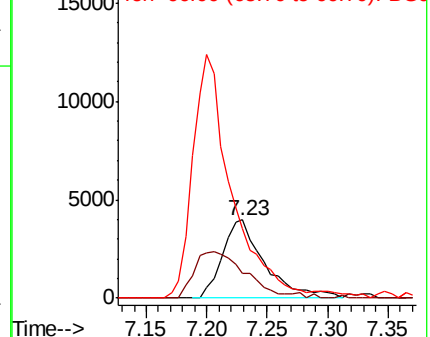
94 100

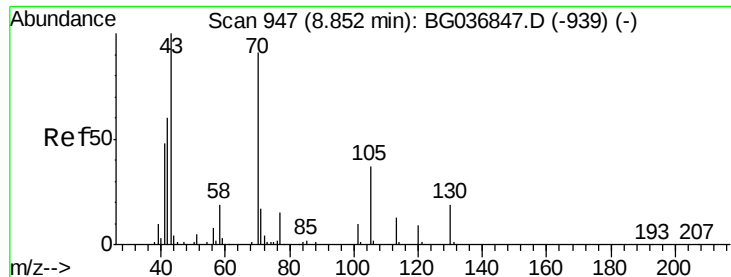
65 31.9 11.5 51.5

66 88.9 19.5 59.5#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

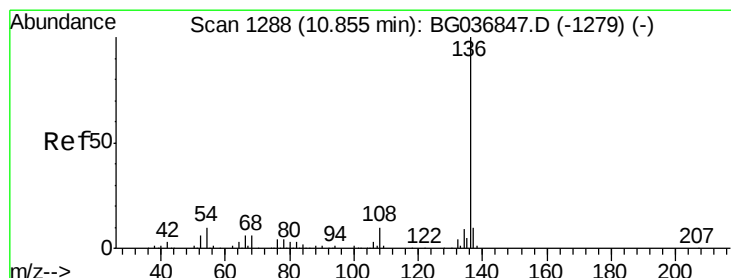
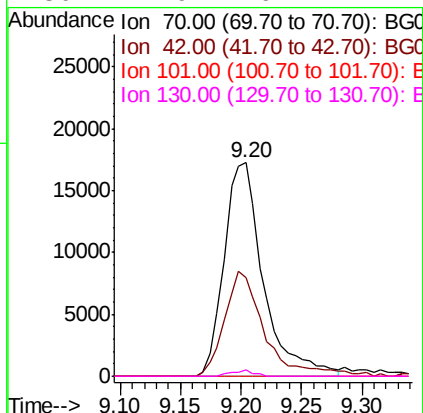
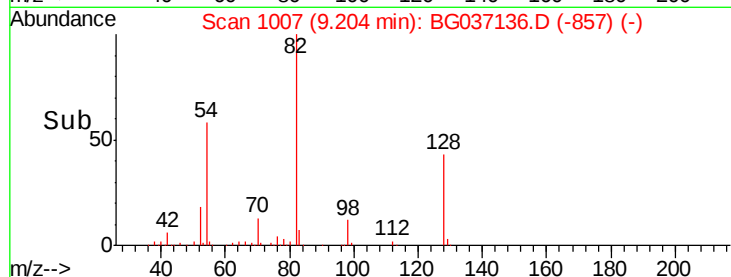
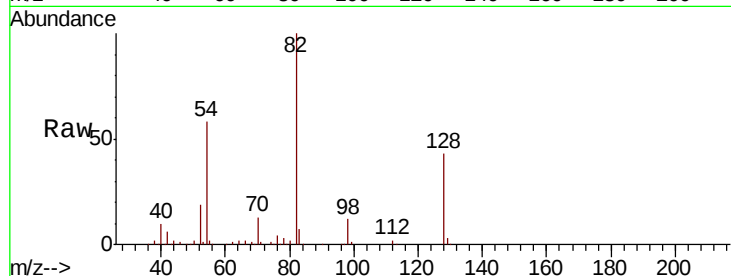




#19
n-Nitroso-di-n-propylamine
Concen: 12.437 ng
RT: 9.20 min Scan# 1007
Delta R.T. 0.35 min
Lab File: BG037136.D
Acq: 3 Oct 2018 16:45

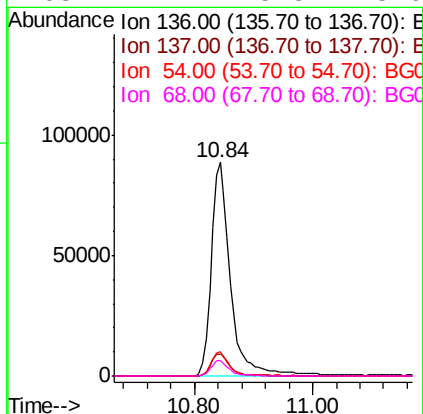
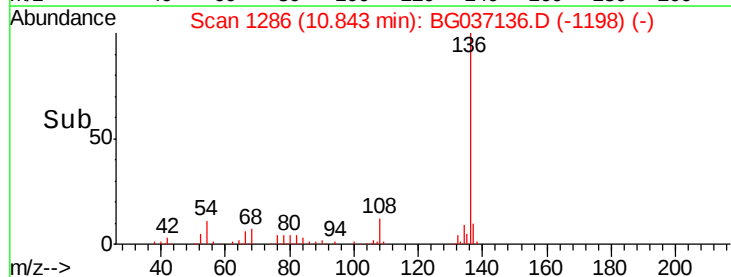
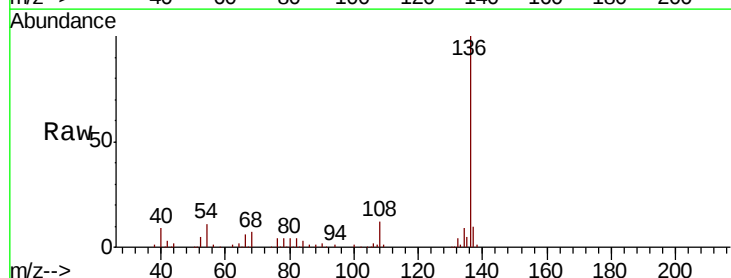
Instrument :
BNA_F
ClientSampleId :

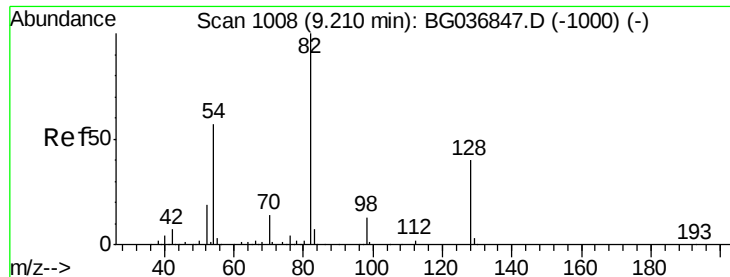
Tot Ion: 70 Resp: 38875
Ion Ratio Lower Upper
70 100
42 46.3 56.2 84.4#
101 0.0 7.8 11.6#
130 2.9 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BG037136.D
Acq: 3 Oct 2018 16:45

Tgt Ion: 136 Resp: 200428
Ion Ratio Lower Upper
136 100
137 10.4 8.8 13.2
54 11.3 9.2 13.8
68 7.1 5.8 8.6

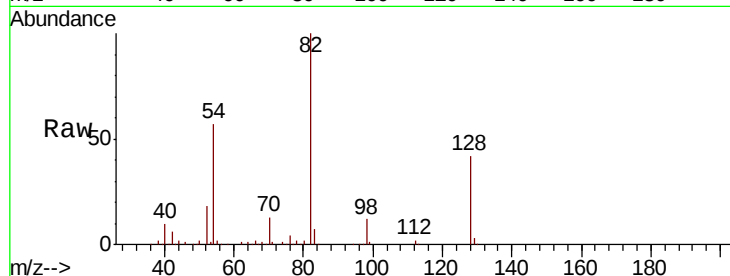




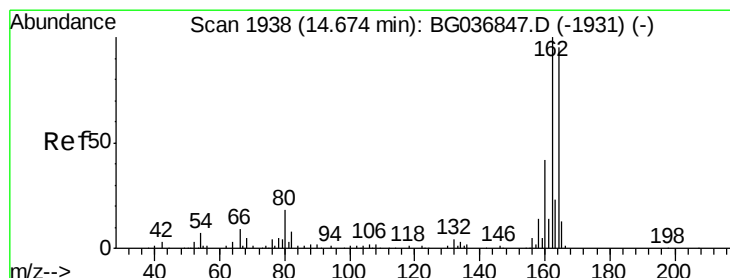
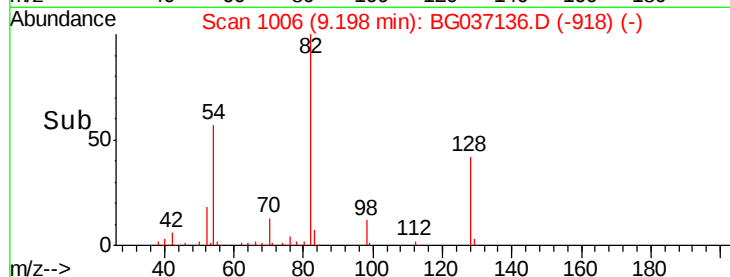
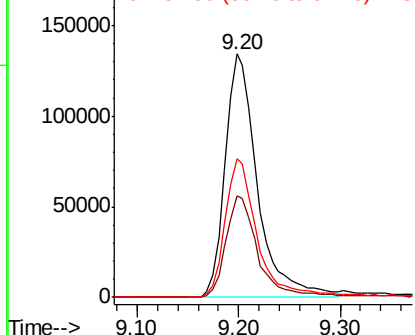
#23
Nitrobenzene-d5
Concen: 79.354 ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BG037136.D
Acq: 3 Oct 2018 16:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	82	Resp	297003
Ion Ratio	Lower	Upper	
82	100		
128	41.6	33.3	49.9
54	56.7	45.1	67.7

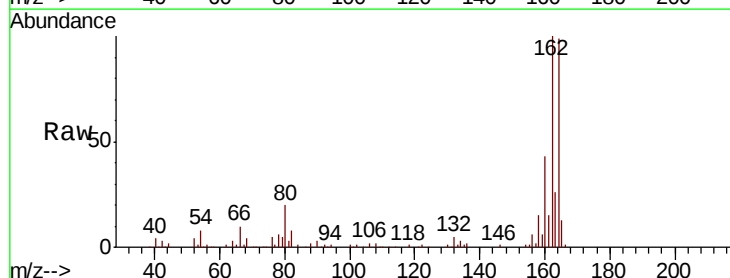


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

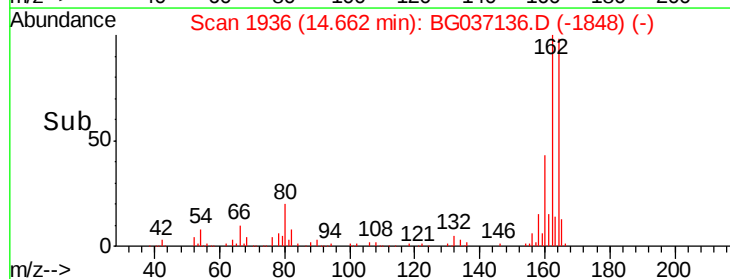
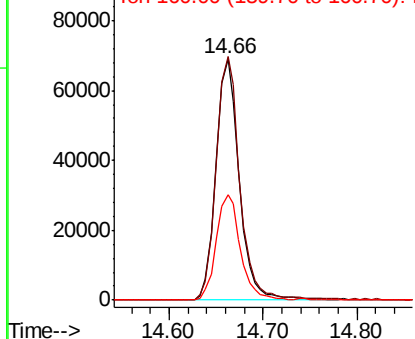


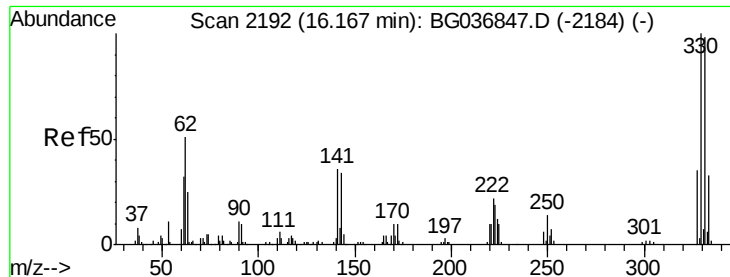
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1936
Delta R.T. -0.01 min
Lab File: BG037136.D
Acq: 3 Oct 2018 16:45

Tgt Ion	164	Resp	120220
Ion Ratio	Lower	Upper	
164	100		
162	100.7	80.7	121.1
160	43.4	35.3	52.9



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

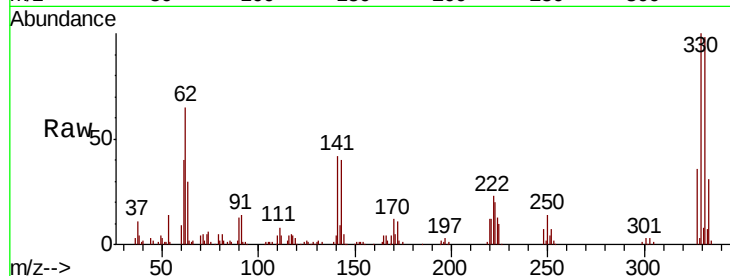




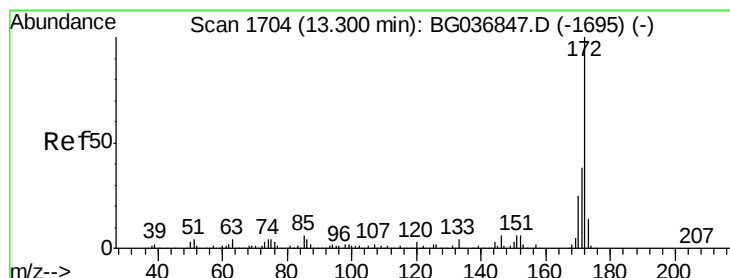
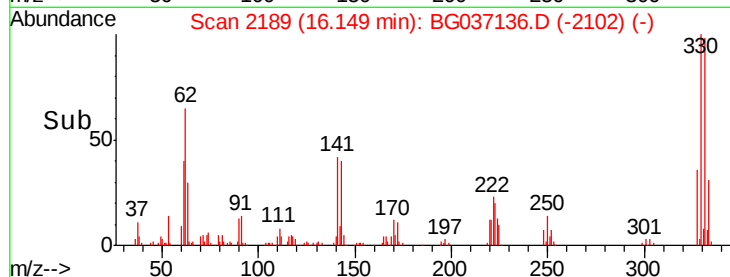
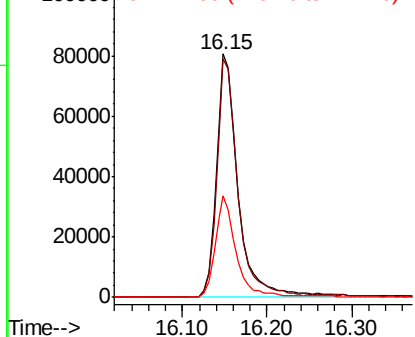
#41
 2,4,6-Tribromophenol
 Concen: 100.624 ng
 RT: 16.15 min Scan# 2189
 Delta R.T. -0.02 min
 Lab File: BG037136.D
 Acq: 3 Oct 2018 16:45

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 144733
 Ion Ratio Lower Upper
 330 100
 332 96.8 75.4 113.2
 141 40.6 30.7 46.1

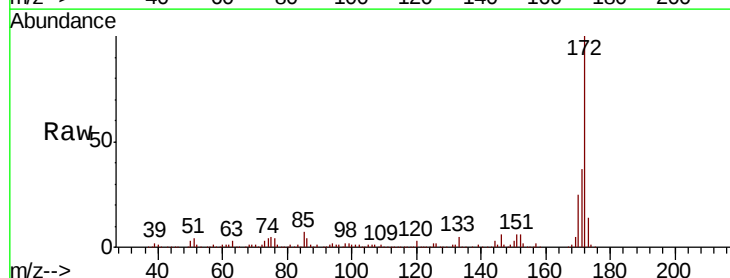


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

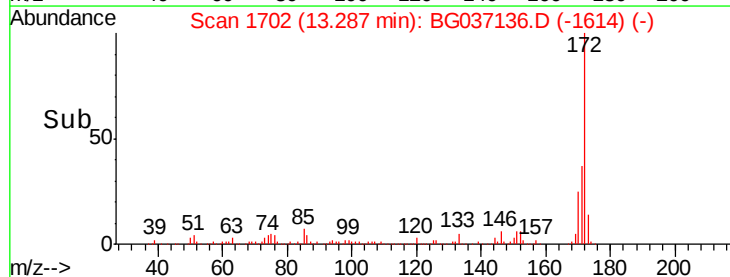
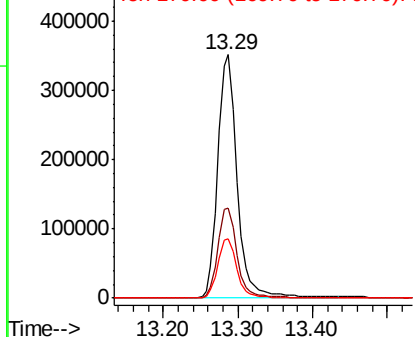


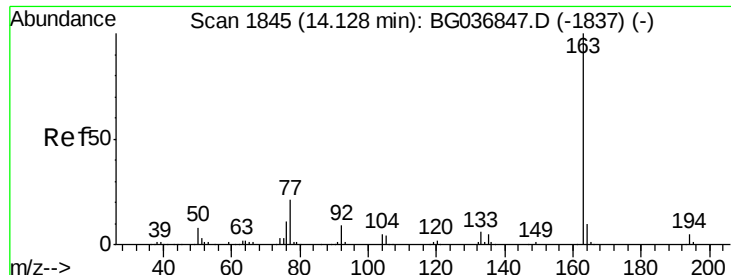
#44
 2-Fluorobiphenyl
 Concen: 78.977 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG037136.D
 Acq: 3 Oct 2018 16:45

Tgt Ion:172 Resp: 637485
 Ion Ratio Lower Upper
 172 100
 171 36.8 31.3 46.9
 170 24.6 21.0 31.6



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

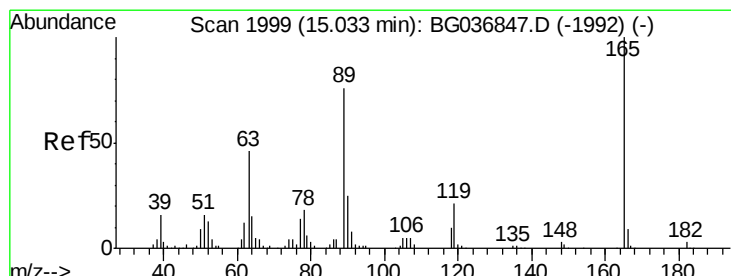
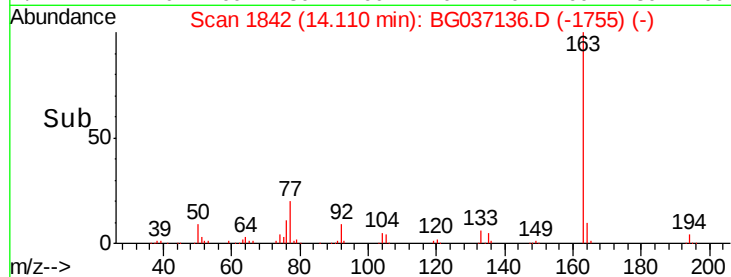
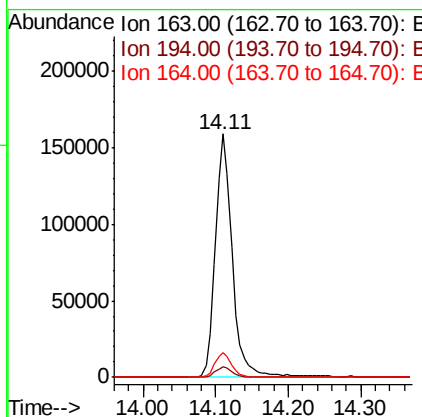
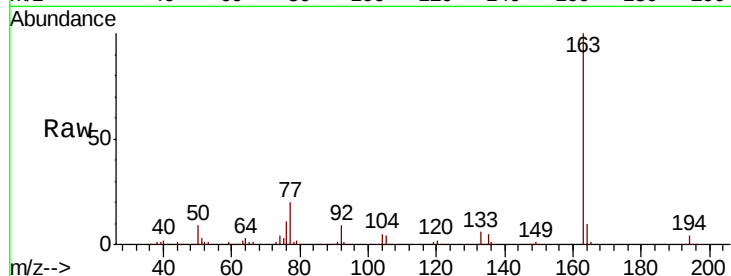




#49
 Dimethylphthalate
 Concen: 26.847 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.02 min
 Lab File: BG037136.D
 Acq: 3 Oct 2018 16:45

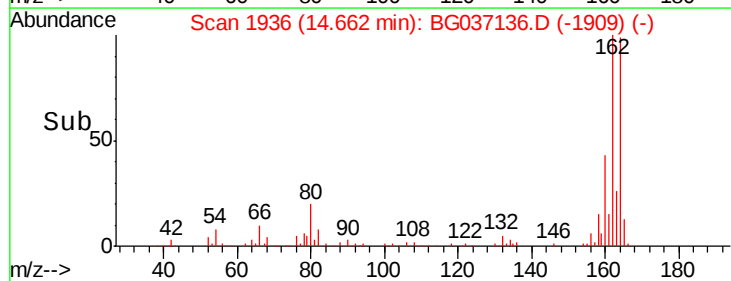
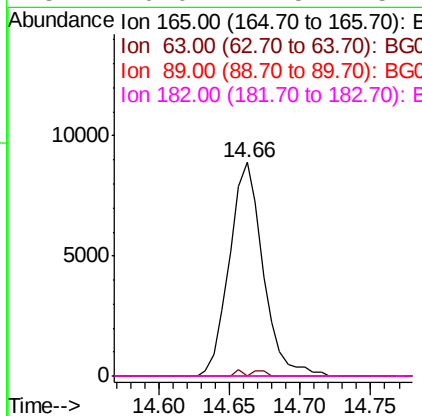
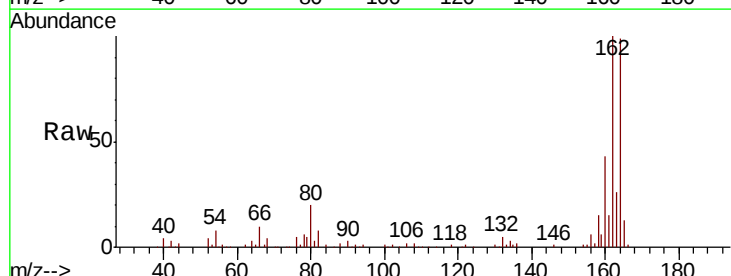
Instrument :
 BNA_F
 ClientSampleId :

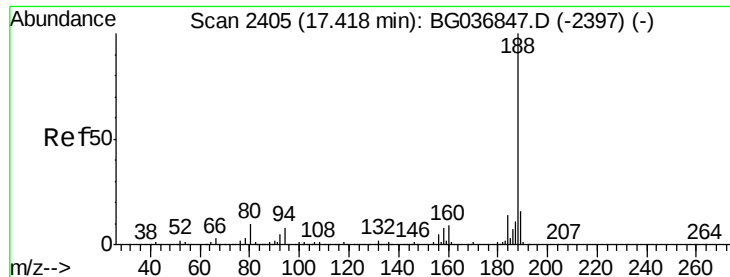
Tot Ion:163	Resp:	259791
Ion Ratio	Lower	Upper
163	100	
194	4.5	4.0 6.0
164	9.9	8.1 12.1



#56
 2,4-Dinitrotoluene
 Concen: 5.027 ng
 RT: 14.66 min Scan# 1936
 Delta R.T. -0.37 min
 Lab File: BG037136.D
 Acq: 3 Oct 2018 16:45

Tgt Ion:165	Resp:	14810
Ion Ratio	Lower	Upper
165	100	
63	0.0	40.1 60.1#
89	0.0	63.7 95.5#
182	0.0	2.5 3.7#

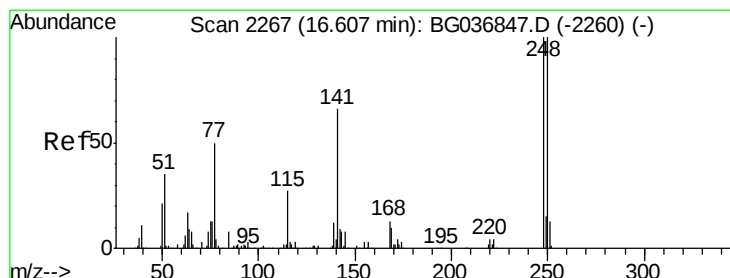
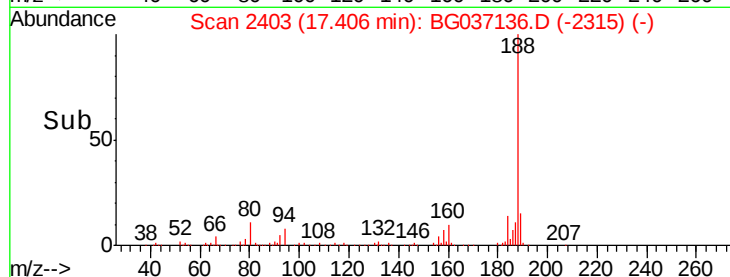
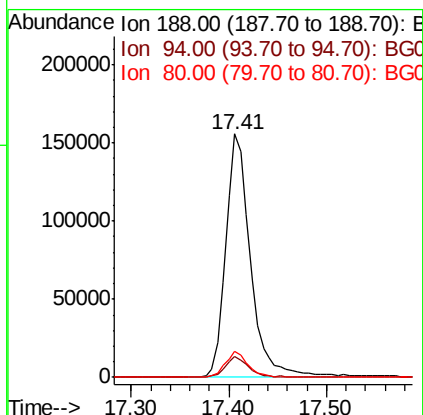
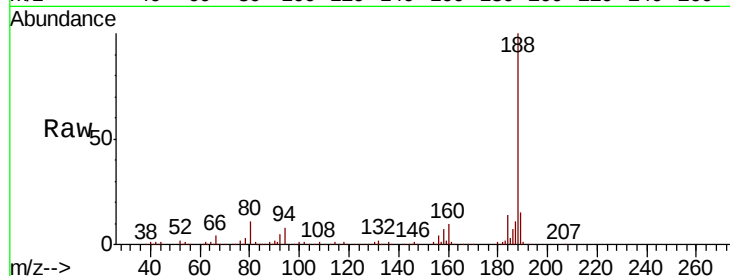




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2403
Delta R.T. -0.01 min
Lab File: BG037136.D
Acq: 3 Oct 2018 16:45

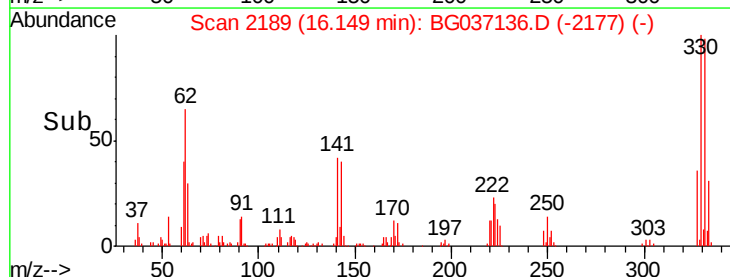
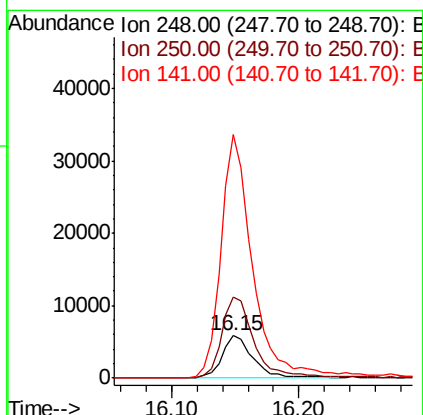
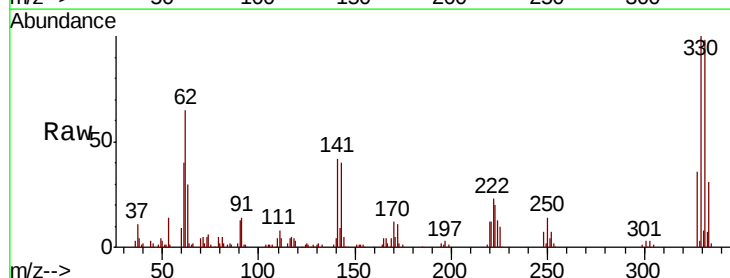
Instrument :
BNA_F
ClientSampleId :

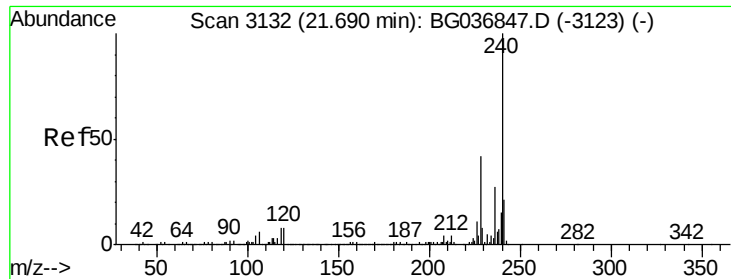
Tot Ion:188 Resp: 274406
Ion Ratio Lower Upper
188 100
94 8.4 6.7 10.1
80 10.7 8.1 12.1



#66
4-Bromophenyl-phenylether
Concen: 3.210 ng
RT: 16.15 min Scan# 2189
Delta R.T. -0.46 min
Lab File: BG037136.D
Acq: 3 Oct 2018 16:45

Tgt Ion:248 Resp: 10019
Ion Ratio Lower Upper
248 100
250 190.2 78.1 117.1#
141 571.6 53.7 80.5#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3129

Delta R.T. -0.02 min

Lab File: BG037136.D

Acq: 3 Oct 2018 16:45

Instrument :

BNA_F

ClientSampleId :

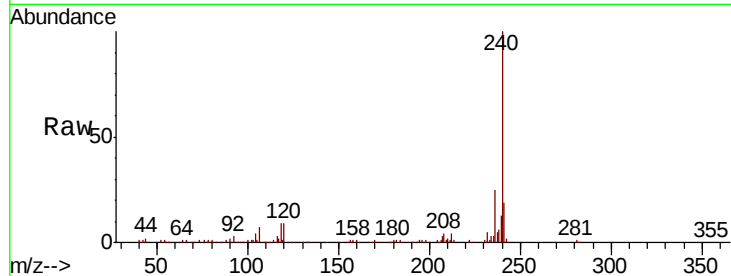
Tot Ion:240 Resp: 286866

Ion Ratio Lower Upper

240 100

120 8.7 6.9 10.3

236 25.1 21.2 31.8



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

200000

150000

100000

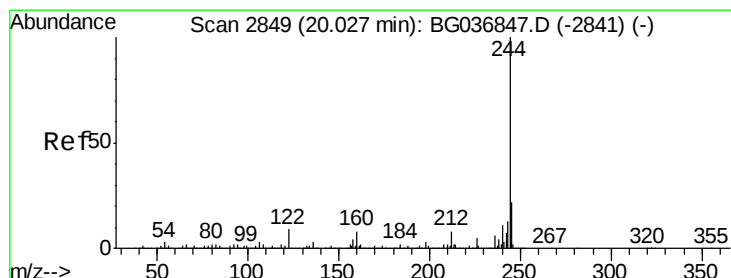
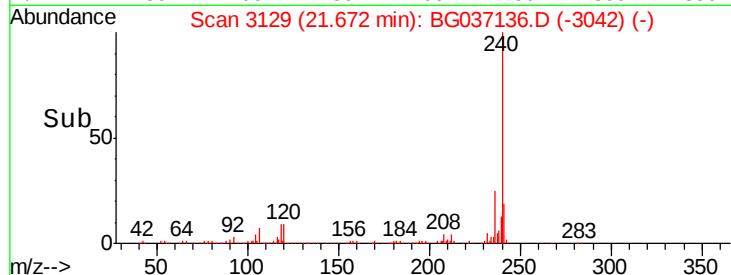
50000

0

21.67

21.60 21.70 21.80

Time-->



#78

Terphenyl-d14

Concen: 86.271 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.01 min

Lab File: BG037136.D

Acq: 3 Oct 2018 16:45

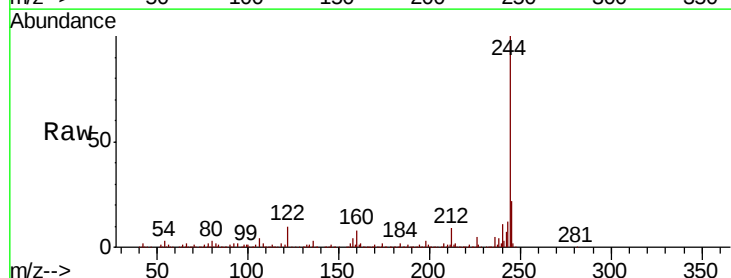
Tgt Ion:244 Resp: 941180

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.6

122 9.6 7.1 10.7



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

800000

600000

400000

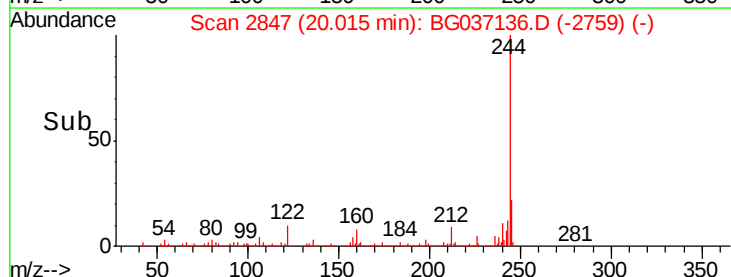
200000

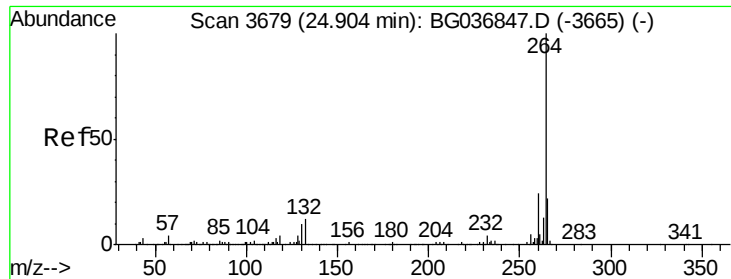
0

20.01

19.90 20.10 20.20

Time-->





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.87 min Scan# 3674
 Delta R.T. -0.03 min
 Lab File: BG037136.D
 Acq: 3 Oct 2018 16:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	20.9	17.4	26.0

