

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG062419\
 Data File : BG041437.D
 Acq On : 25 Jun 2019 1:02
 Operator : HP/JU
 Sample : K3499-06
 Misc : MDL-WATER-8.0PPM
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-6(11-12)

Quant Time: Jun 25 05:09:55 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

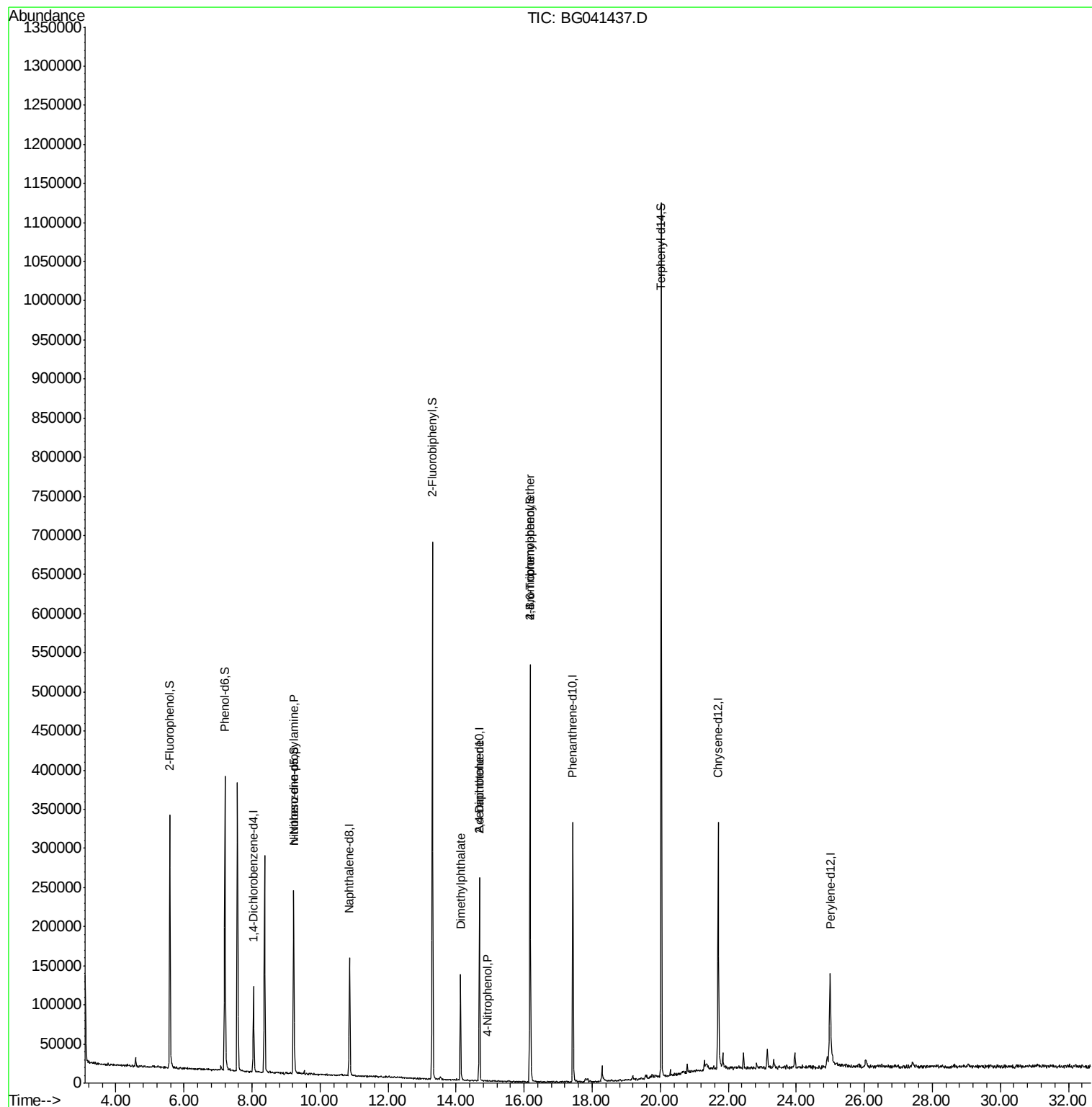
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	30522	20.00	ng	-0.03
21) Naphthalene-d8	10.87	136	125723	20.00	ng	-0.04
39) Acenaphthene-d10	14.69	164	92819	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	222051	20.00	ng	-0.03
76) Chrysene-d12	21.70	240	216374	20.00	ng	-0.04
87) Perylene-d12	25.00	264	164722	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	132686	79.88	ng	-0.03
7) Phenol-d6	7.20	99	205919	85.52	ng	-0.03
23) Nitrobenzene-d5	9.23	82	150159	50.23	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	108821	76.37	ng	-0.03
45) 2-Fluorobiphenyl	13.30	172	353758	51.80	ng	-0.03
79) Terphenyl-d14	20.03	244	575795	52.74	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.23	70	20941	10.753	ng	Qvalue # 74
50) Dimethylphthalate	14.13	163	91521	11.082	ng	# 99
56) 4-Nitrophenol	14.92	139	53	3.255	ng	# 1
57) 2,4-Dinitrotoluene	14.69	165	12006	4.716	ng	# 21
67) 4-Bromophenyl-phenylether	16.18	248	7830	2.727	ng	# 1

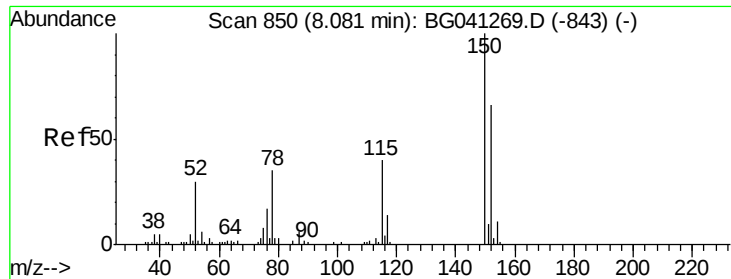
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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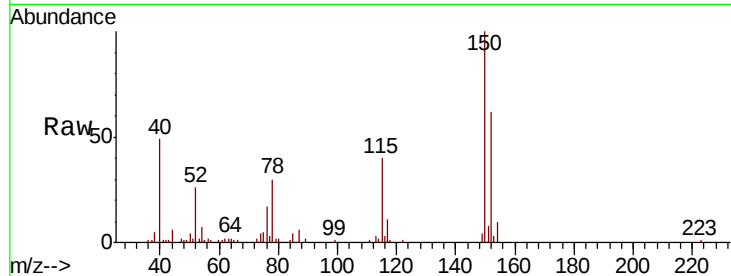


#1

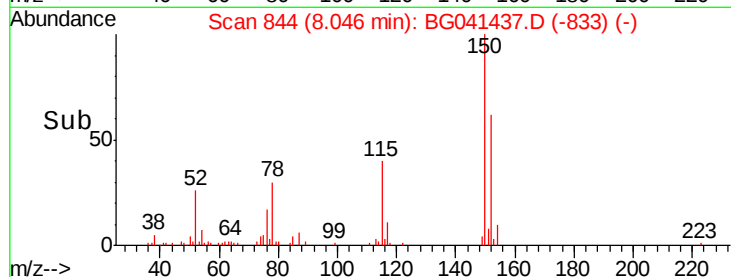
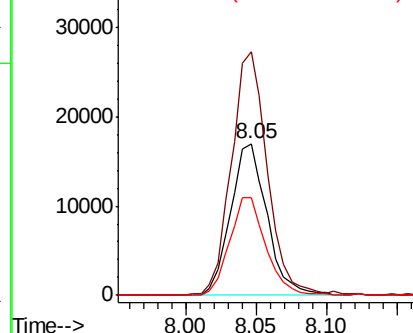
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 844
Delta R.T. -0.03 min
Lab File: BG041437.D
Acq: 25 Jun 2019 1:02

Instrument :
BNA_G
ClientSampleId :
B-6(11-12)

Tgt Ion:152 Resp: 30522
Ion Ratio Lower Upper
152 100
150 160.5 120.6 181.0
115 64.0 47.9 71.9



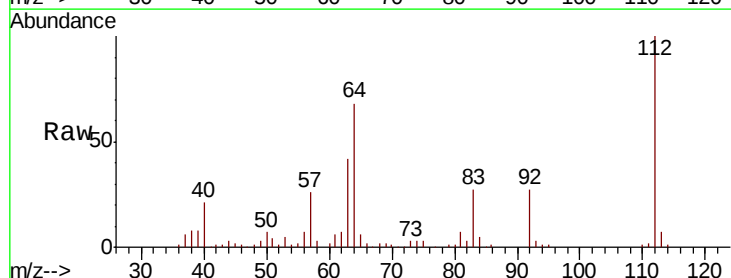
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



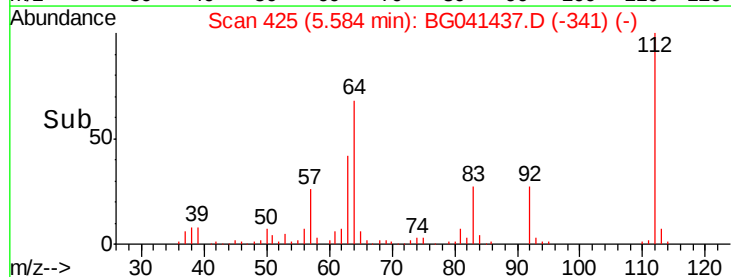
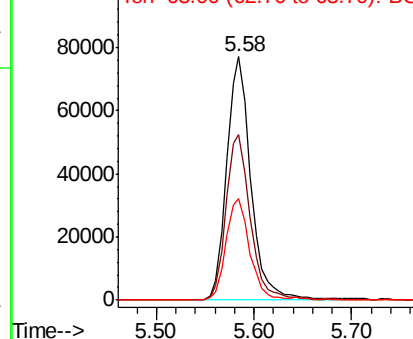
#5

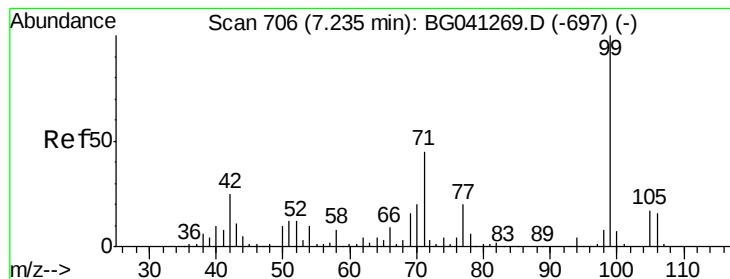
2-Fluorophenol
Concen: 79.877 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.03 min
Lab File: BG041437.D
Acq: 25 Jun 2019 1:02

Tgt Ion:112 Resp: 132686
Ion Ratio Lower Upper
112 100
64 68.0 55.9 83.9
63 41.6 34.6 51.8



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: 85.520 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.03 min

Lab File: BG041437.D

Acq: 25 Jun 2019 1:02

Instrument :

BNA_G

ClientSampleId :

B-6(11-12)

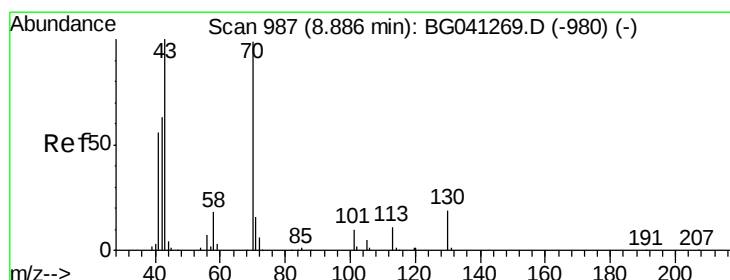
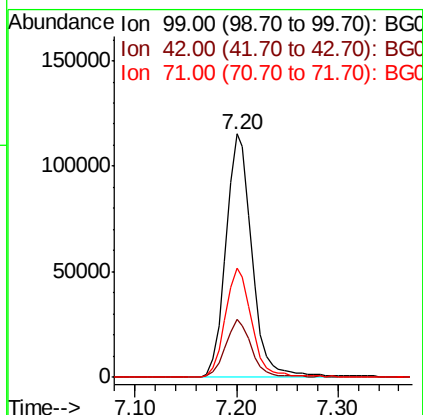
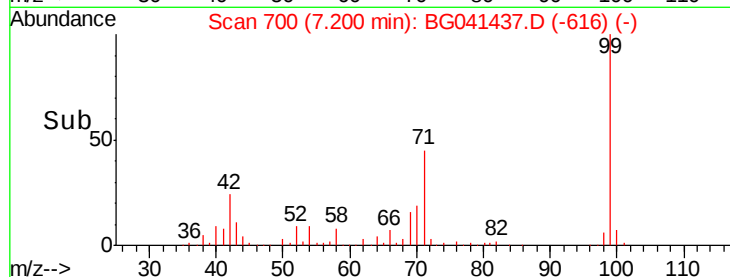
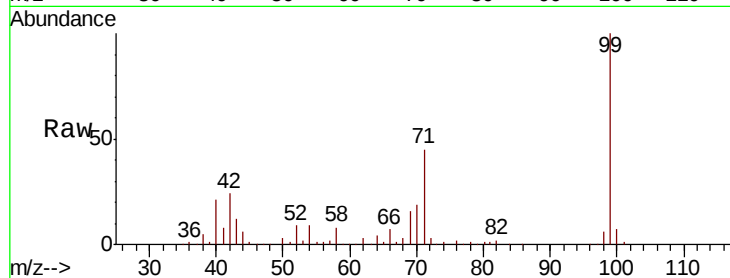
Tgt Ion: 99 Resp: 205919

Ion Ratio Lower Upper

99 100

42 23.9 19.9 29.9

71 44.9 36.4 54.6



#19

n-Nitroso-di-n-propylamine

Concen: 10.753 ng

RT: 9.23 min Scan# 1045

Delta R.T. 0.34 min

Lab File: BG041437.D

Acq: 25 Jun 2019 1:02

Tgt Ion: 70 Resp: 20941

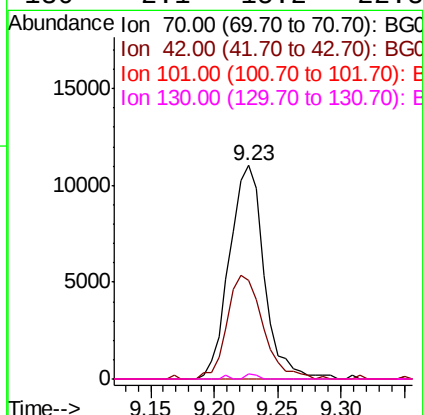
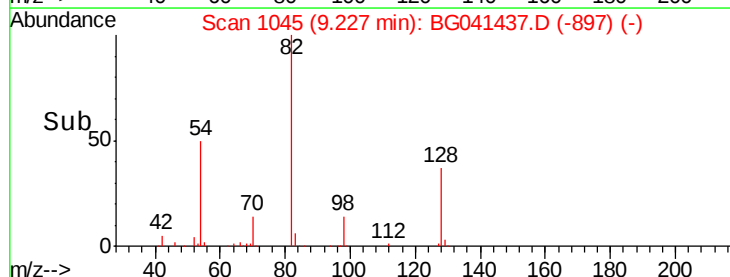
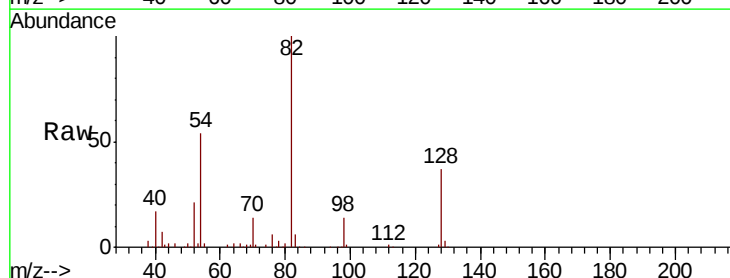
Ion Ratio Lower Upper

70 100

42 46.4 51.4 77.2#

101 0.0 8.2 12.2#

130 2.1 15.2 22.8#

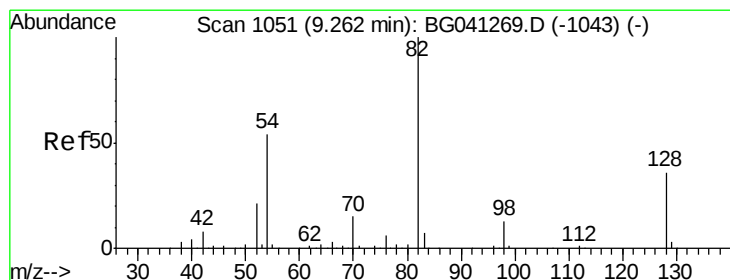
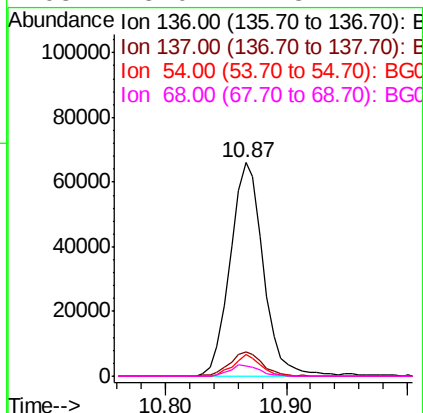
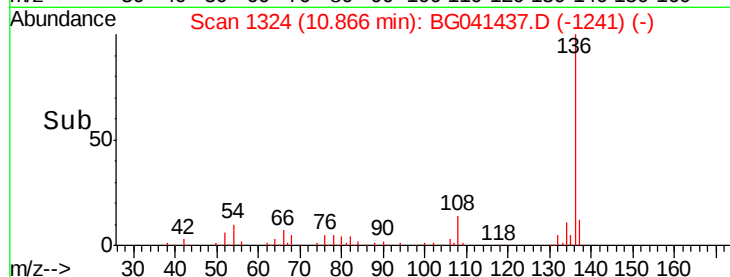
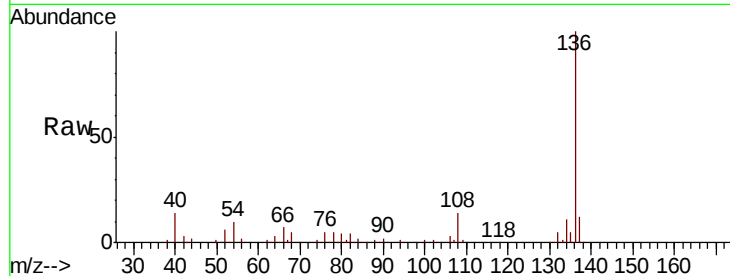




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.04 min
Lab File: BG041437.D
Acq: 25 Jun 2019 1:02

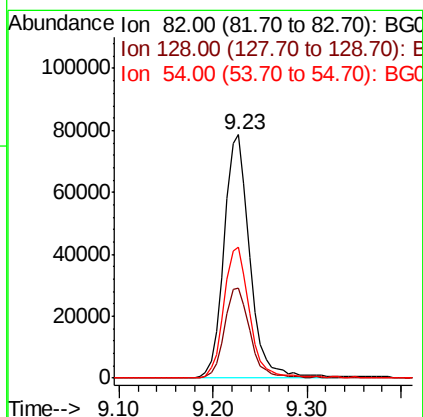
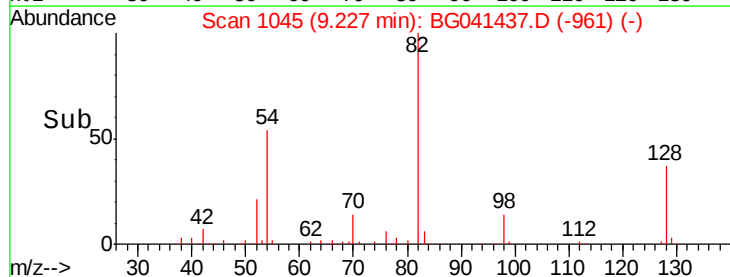
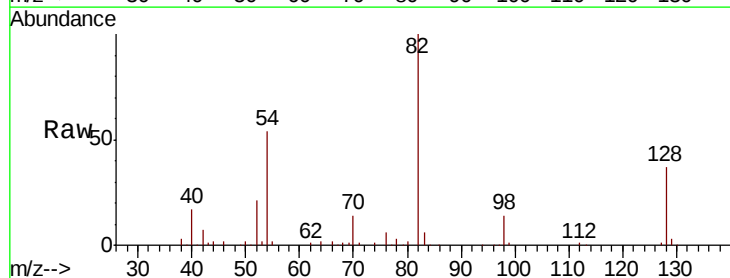
Instrument :
BNA_G
ClientSampleId :
B-6(11-12)

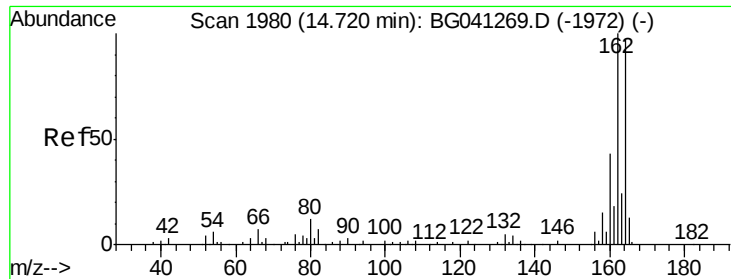
Tgt Ion:	136	Resp:	125723
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.8	13.2
54	10.1	6.4	9.6#
68	5.0	4.8	7.2



#23
Nitrobenzene-d5
Concen: 50.230 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041437.D
Acq: 25 Jun 2019 1:02

Tgt Ion:	82	Resp:	150159
Ion	Ratio	Lower	Upper
82	100		
128	36.8	29.2	43.8
54	53.9	43.4	65.0

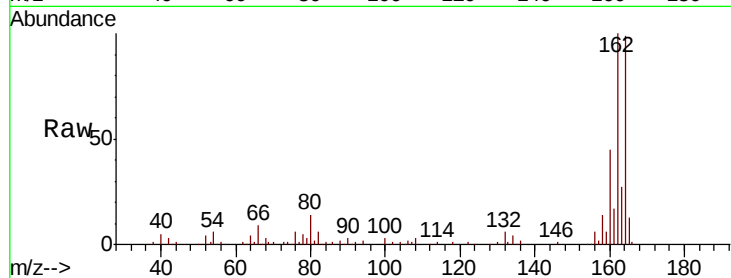




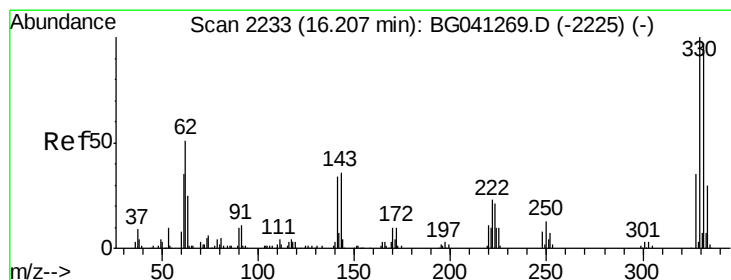
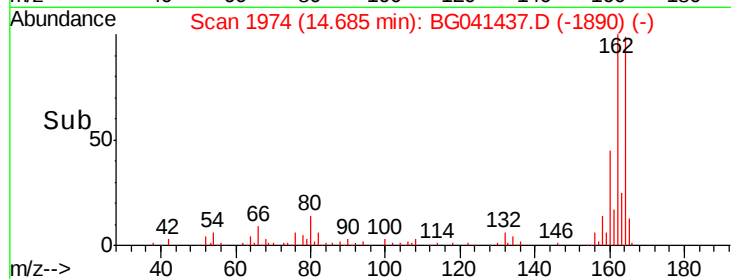
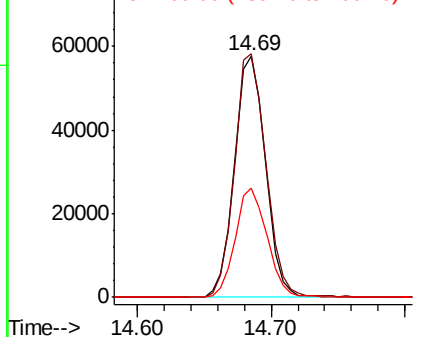
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.03 min
Lab File: BG041437.D
Acq: 25 Jun 2019 1:02

Instrument :
BNA_G
ClientSampleId :
B-6(11-12)

Tgt Ion:164 Resp: 92819
Ion Ratio Lower Upper
164 100
162 101.0 82.8 124.2
160 45.4 35.8 53.8

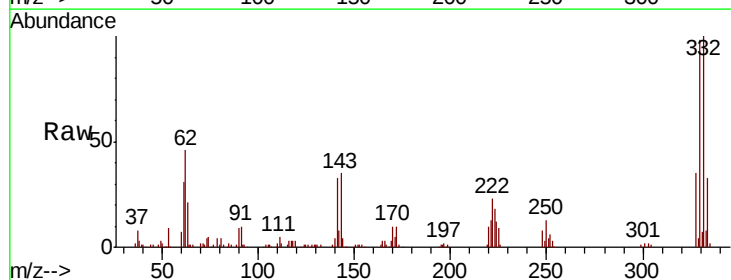


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

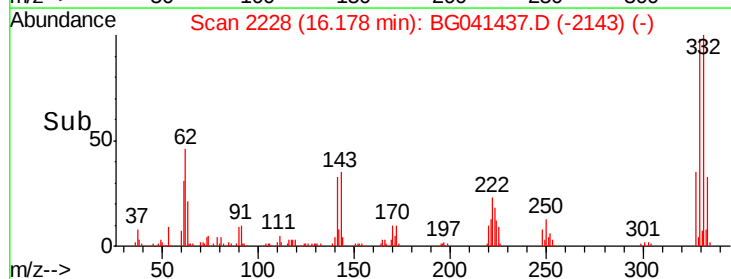
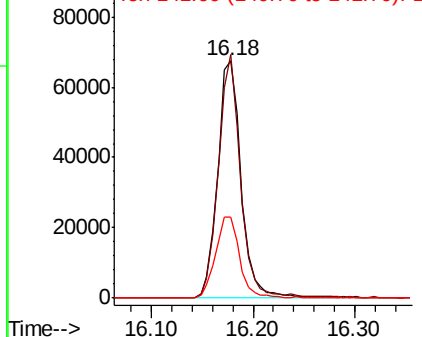


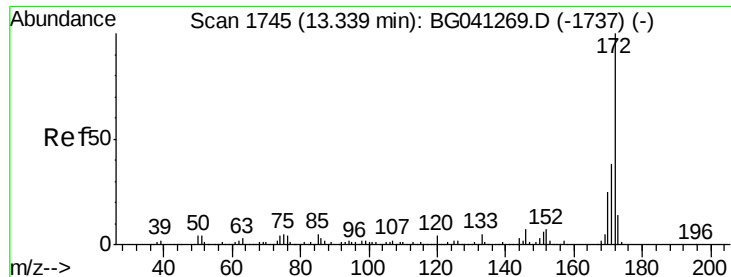
#42
2,4,6-Tribromophenol
Concen: 76.367 ng
RT: 16.18 min Scan# 2228
Delta R.T. -0.03 min
Lab File: BG041437.D
Acq: 25 Jun 2019 1:02

Tgt Ion:330 Resp: 108821
Ion Ratio Lower Upper
330 100
332 96.2 75.5 113.3
141 35.6 29.0 43.4



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

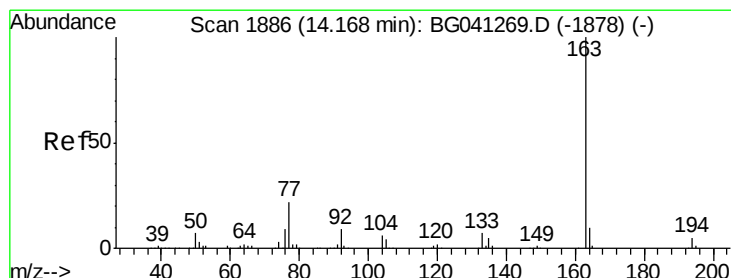
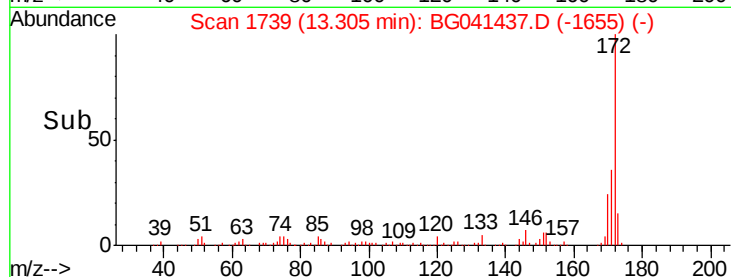
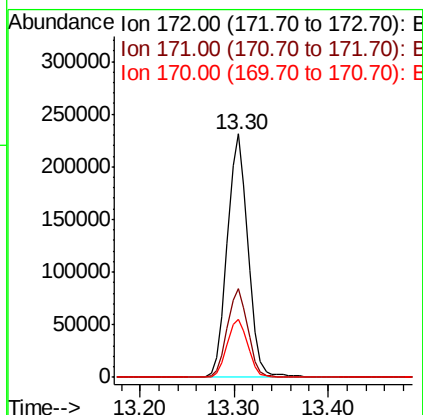
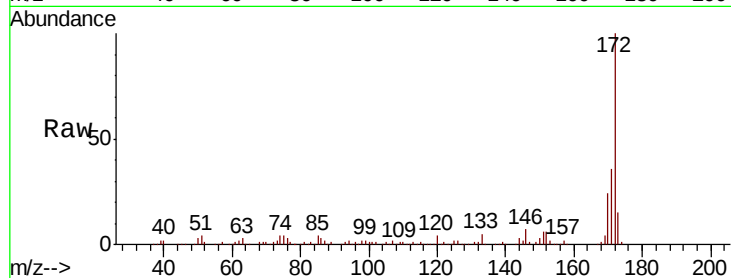




#45
2-Fluorobiphenyl
Concen: 51.801 ng
RT: 13.30 min Scan# 1739
Delta R.T. -0.03 min
Lab File: BG041437.D
Acq: 25 Jun 2019 1:02

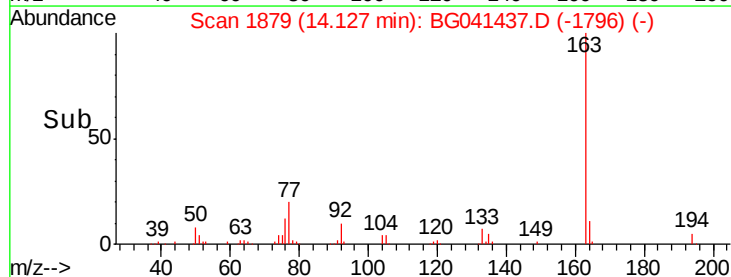
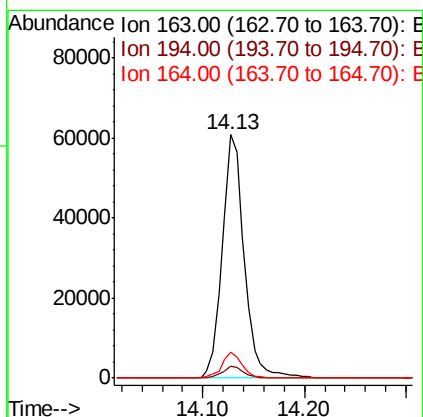
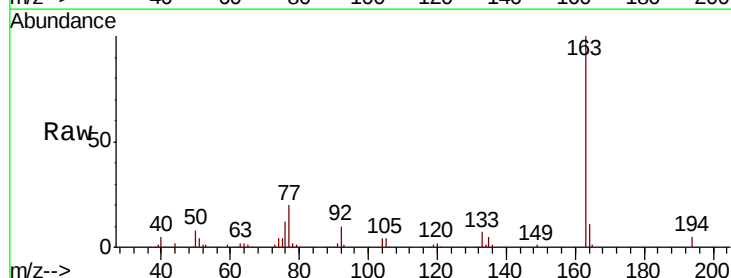
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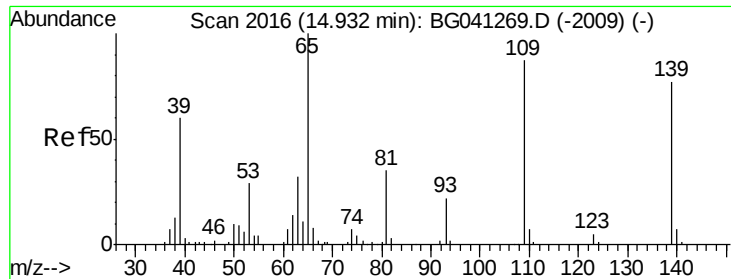
Tgt Ion:172 Resp: 353758
Ion Ratio Lower Upper
172 100
171 36.3 30.0 45.0
170 23.7 19.8 29.6



#50
Dimethylphthalate
Concen: 11.082 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.04 min
Lab File: BG041437.D
Acq: 25 Jun 2019 1:02

Tgt Ion:163 Resp: 91521
Ion Ratio Lower Upper
163 100
194 4.9 3.9 5.9
164 10.7 8.3 12.5





#56

4-Nitrophenol

Concen: 3.255 ng

RT: 14.92 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BG041437.D

Acq: 25 Jun 2019 1:02

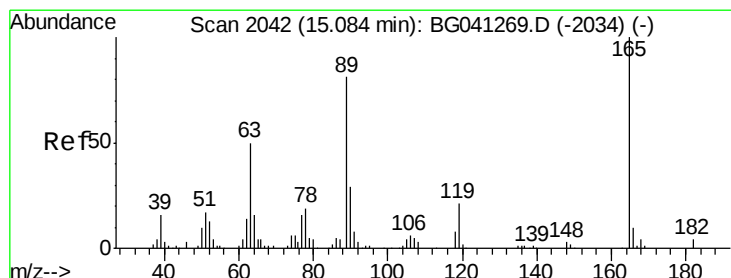
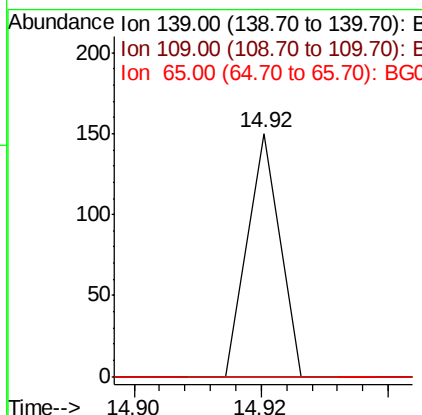
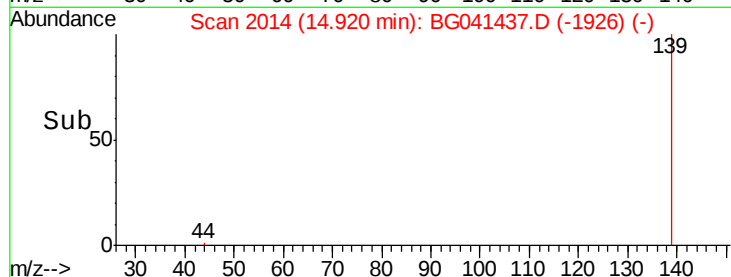
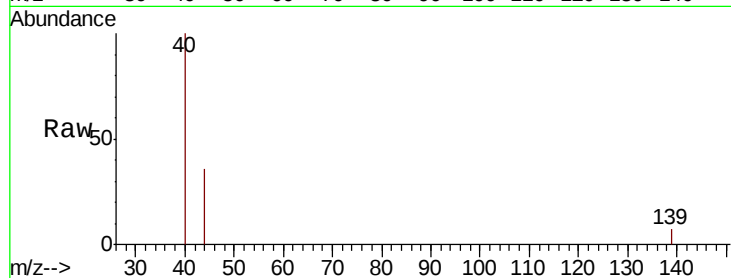
Instrument :

BNA_G

ClientSampleId :

B-6(11-12)

Tgt Ion:	139	Resp:	53
Ion	Ratio	Lower	Upper
139	100		
109	0.0	93.2	133.2#
65	0.0	110.2	150.2#



#57

2,4-Dinitrotoluene

Concen: 4.716 ng

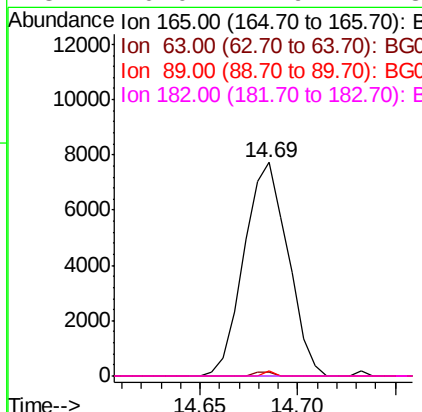
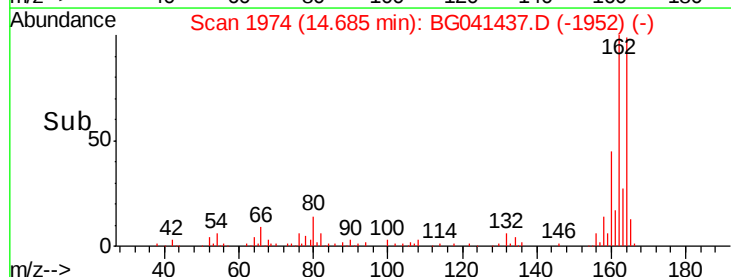
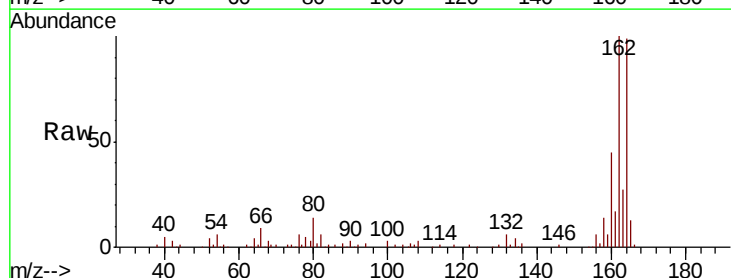
RT: 14.69 min Scan# 1974

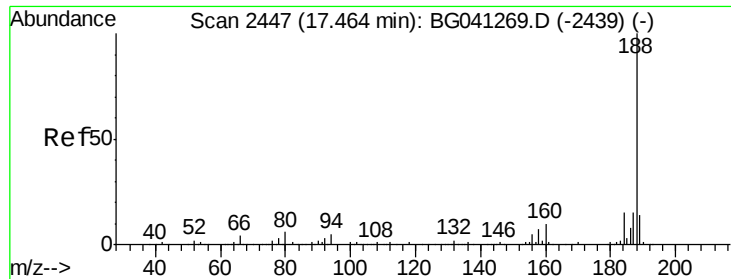
Delta R.T. -0.40 min

Lab File: BG041437.D

Acq: 25 Jun 2019 1:02

Tgt Ion:	165	Resp:	12006
Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.0	60.0#
89	2.4	64.6	96.8#
182	0.0	2.9	4.3#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.03 min

Lab File: BG041437.D

Acq: 25 Jun 2019 1:02

Instrument :

BNA_G

ClientSampleId :

B-6(11-12)

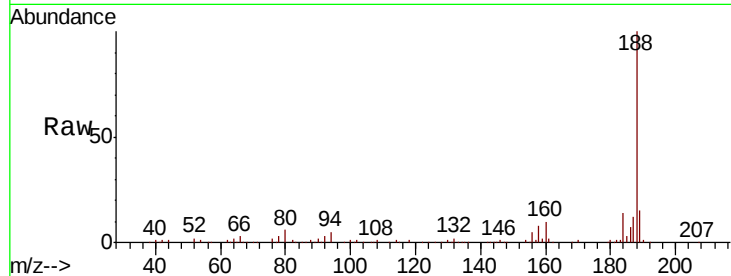
Tgt Ion:188 Resp: 222051

Ion Ratio Lower Upper

188 100

94 4.9 3.6 5.4

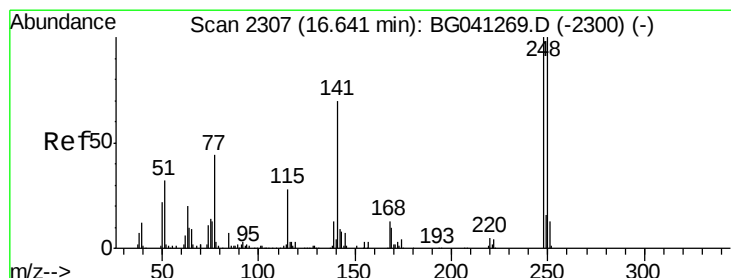
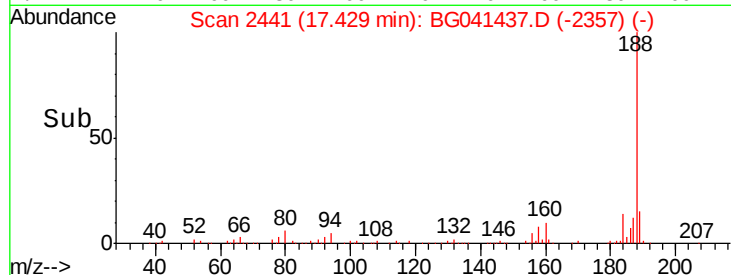
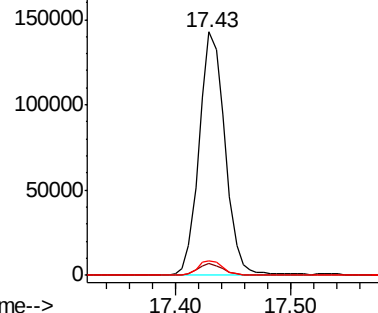
80 5.8 4.8 7.2



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#67

4-Bromophenyl-phenylether

Concen: 2.727 ng

RT: 16.18 min Scan# 2228

Delta R.T. -0.46 min

Lab File: BG041437.D

Acq: 25 Jun 2019 1:02

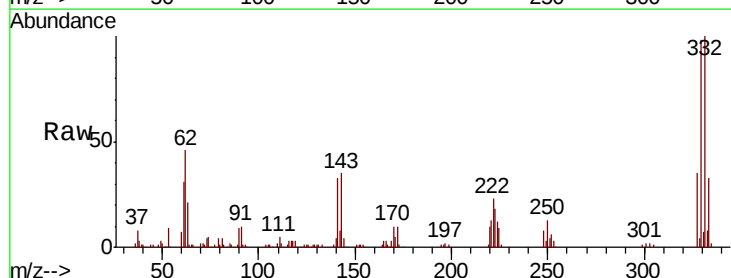
Tgt Ion:248 Resp: 7830

Ion Ratio Lower Upper

248 100

250 171.8 79.8 119.8#

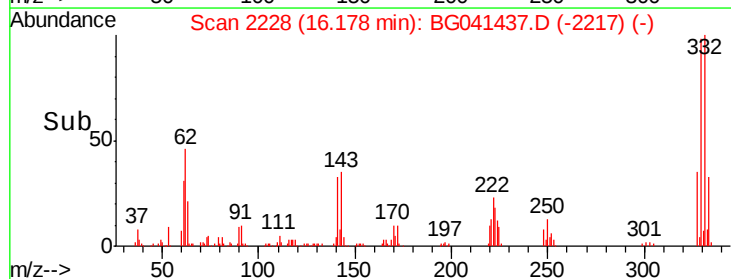
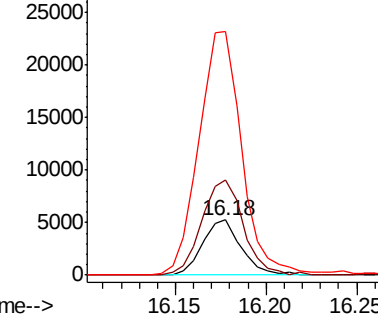
141 440.1 55.8 83.6#

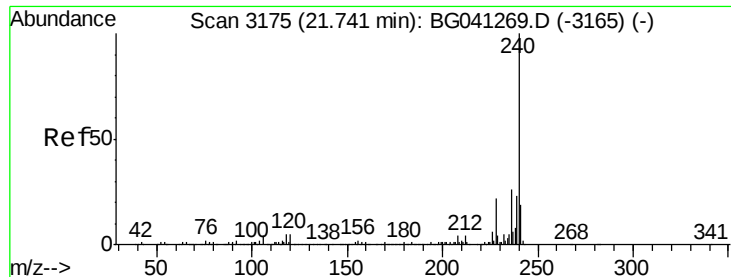


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

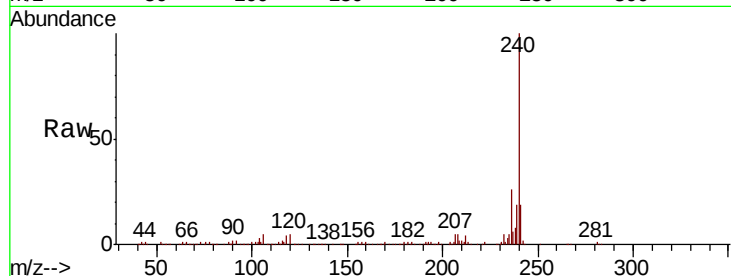




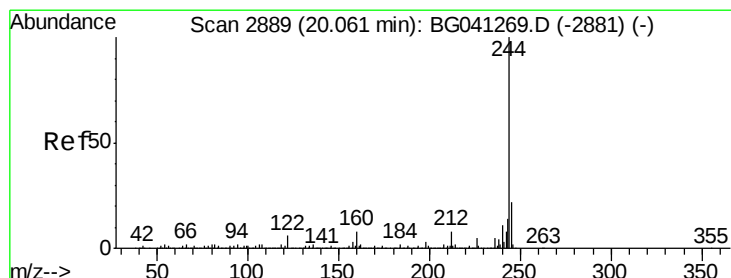
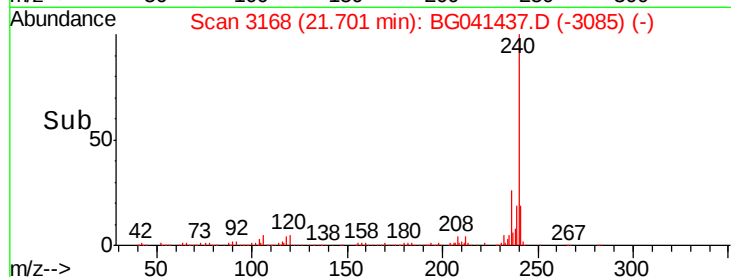
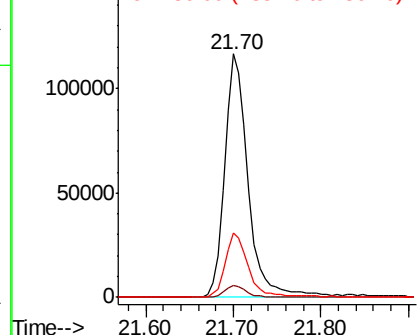
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.70 min Scan# 3168
Delta R.T. -0.04 min
Lab File: BG041437.D
Acq: 25 Jun 2019 1:02

Instrument :
BNA_G
ClientSampleId :
B-6(11-12)

Tgt Ion:240 Resp: 216374
Ion Ratio Lower Upper
240 100
120 4.8 3.7 5.5
236 26.5 21.1 31.7

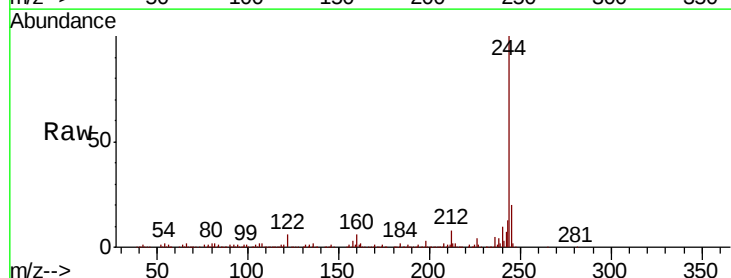


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

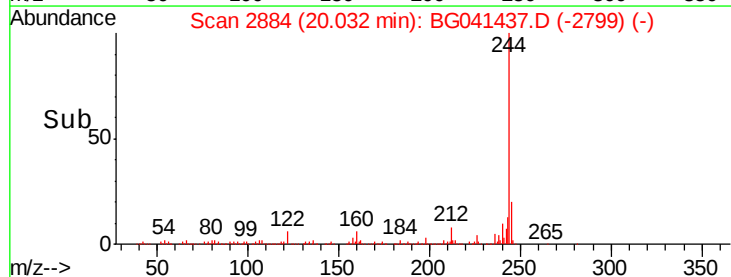
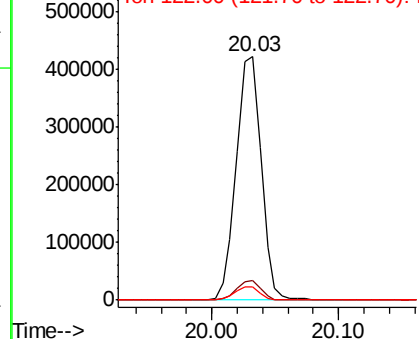


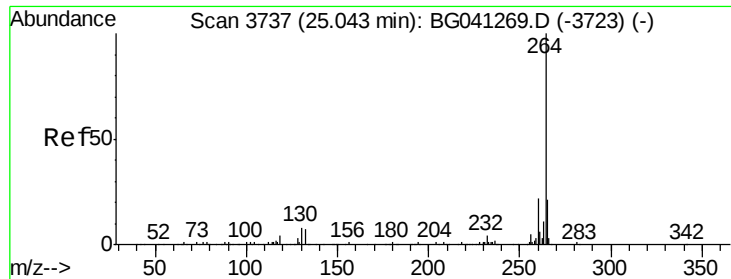
#79
Terphenyl-d14
Concen: 52.738 ng
RT: 20.03 min Scan# 2884
Delta R.T. -0.03 min
Lab File: BG041437.D
Acq: 25 Jun 2019 1:02

Tgt Ion:244 Resp: 575795
Ion Ratio Lower Upper
244 100
212 8.1 6.6 10.0
122 5.6 5.0 7.4



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





#87
Perylene-d12
Concen: 20.000 ng
RT: 25.00 min Scan# 3729
Delta R.T. -0.05 min
Lab File: BG041437.D
Acq: 25 Jun 2019 1:02

Instrument :
BNA_G
ClientSampleId :
B-6(11-12)

Tgt Ion: 264 Resp: 164722

Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.2
265	20.8	17.2	25.8

