

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021720\
 Data File : BG044461.D
 Acq On : 18 Feb 2020 00:13
 Operator : CG/JU
 Sample : L1546-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 18 06:08:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

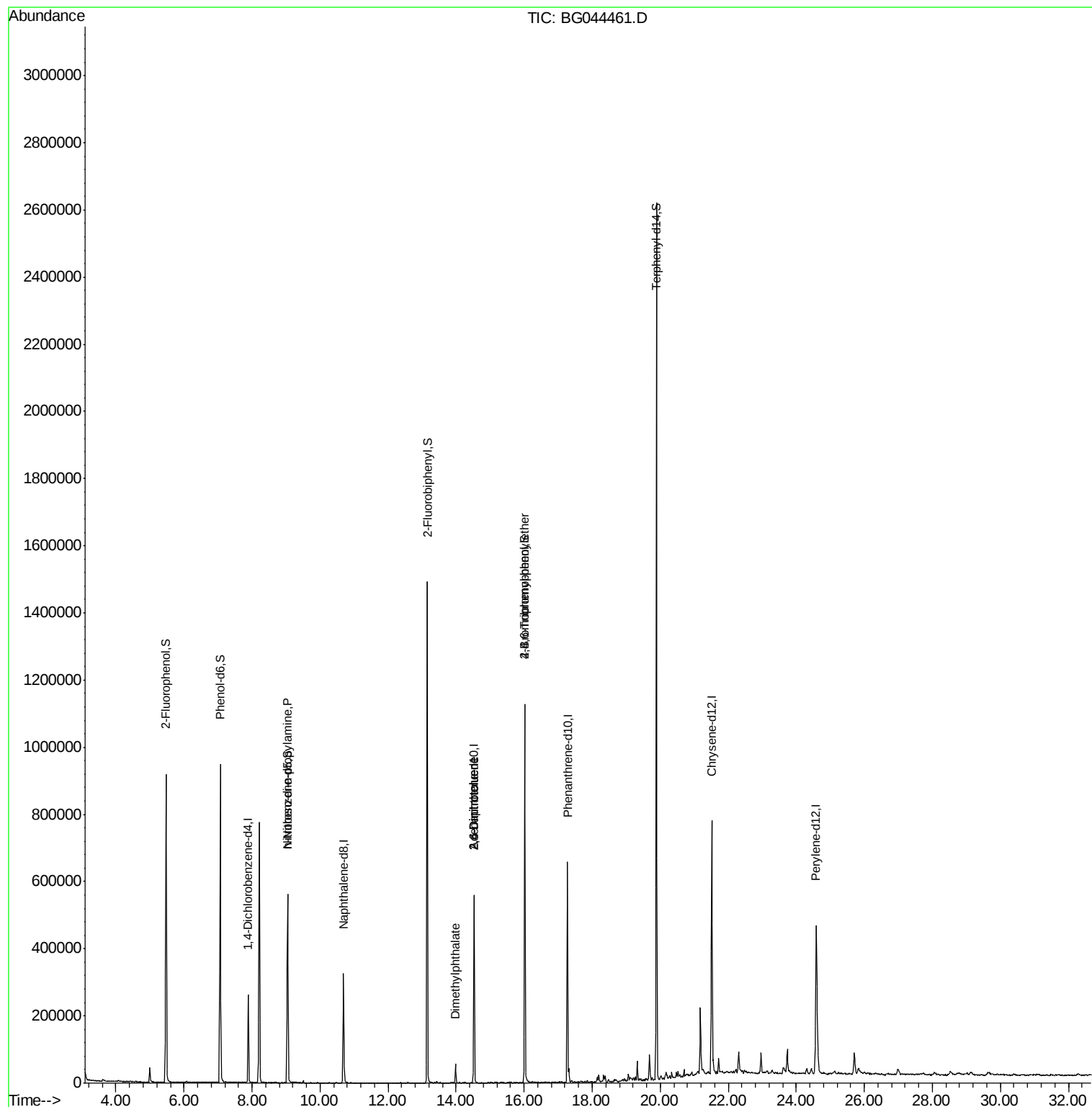
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	78032	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	312378	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	195160	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	426613	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	426583	20.00	ng	-0.02
87) Perylene-d12	24.59	264	454172	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	471496	106.64	ng	0.00
7) Phenol-d6	7.07	99	616407	103.82	ng	-0.01
23) Nitrobenzene-d5	9.05	82	370485	66.96	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	235820	102.93	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	838550	71.95	ng	-0.01
79) Terphenyl-d14	19.89	244	1281023	61.77	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.05	70	47611	12.032	ng	# 78
50) Dimethylphthalate	13.98	163	44790	3.193	ng	100
51) 2,6-Dinitrotoluene	14.53	165	26290	8.405	ng	# 30
57) 2,4-Dinitrotoluene	14.53	165	26290	5.997	ng	# 28
67) 4-Bromophenyl-phenylether	16.02	248	16104	3.465	ng	# 1

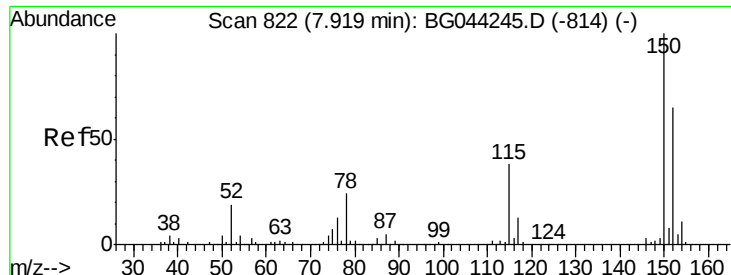
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021720\
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BNA_G
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 10 16:11:50 2020
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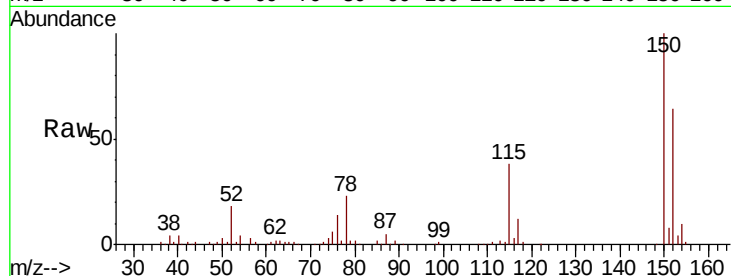


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG044461.D
 Acq: 18 Feb 2020 00:13

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	122.6	183.8
115	59.3	46.0	69.0

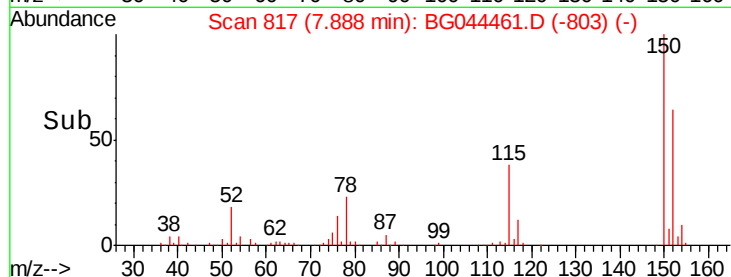
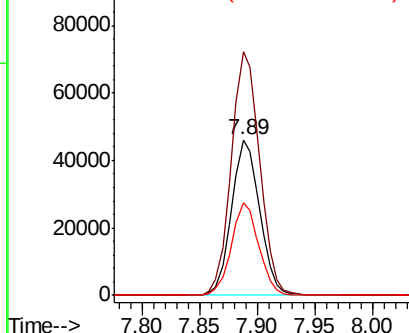


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

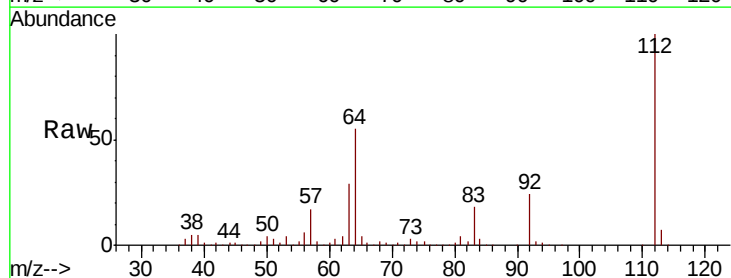
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 106.638 ng
 RT: 5.47 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BG044461.D
 Acq: 18 Feb 2020 00:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.3	45.4	68.2
63	28.7	22.9	34.3

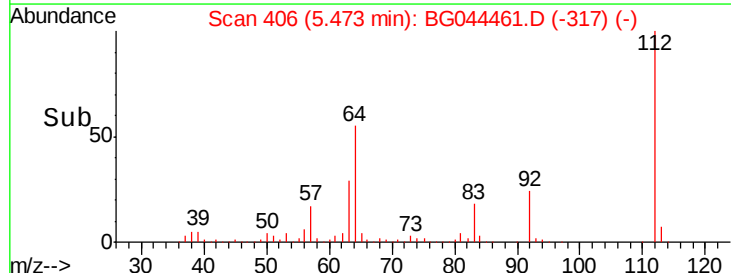
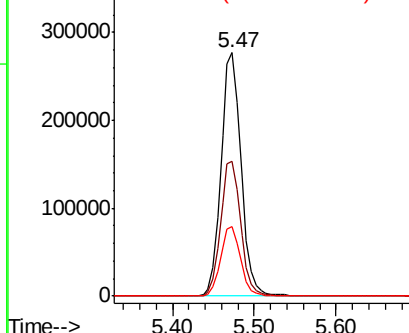


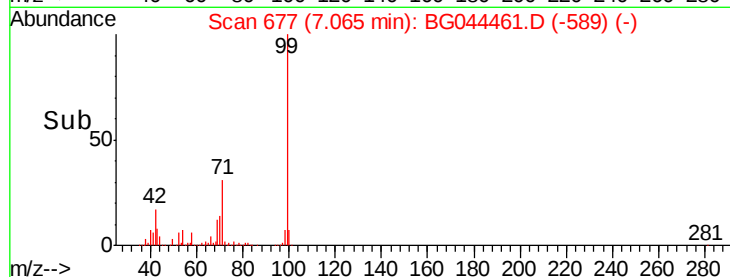
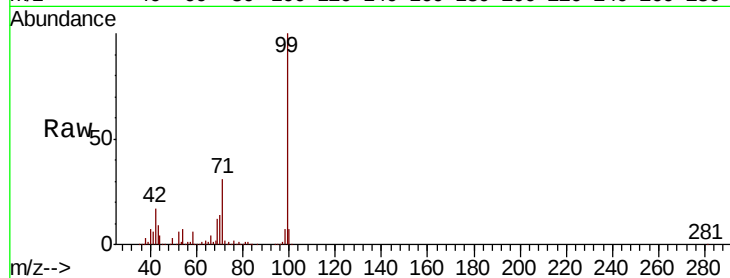
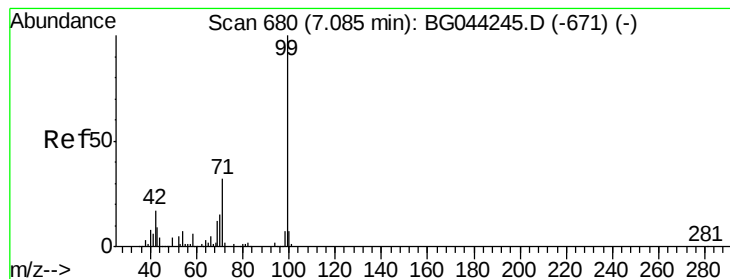
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 103.818 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044461.D

Acq: 18 Feb 2020 00:13

Instrument :

BNA_G

ClientSampleId :

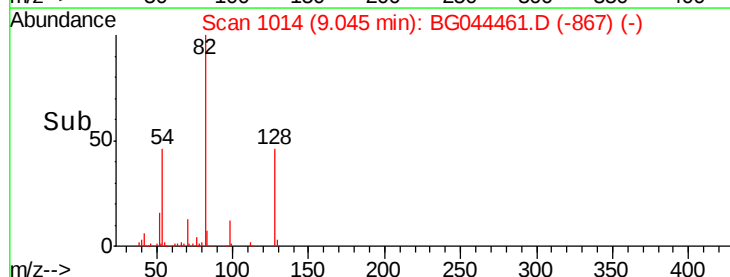
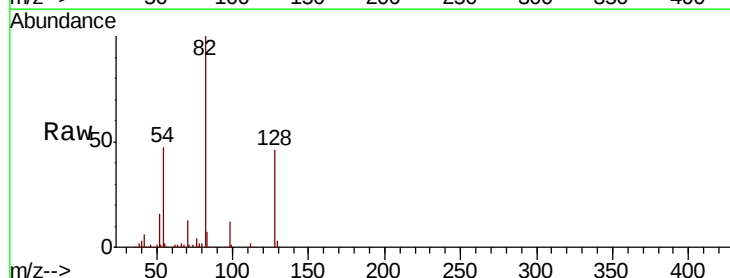
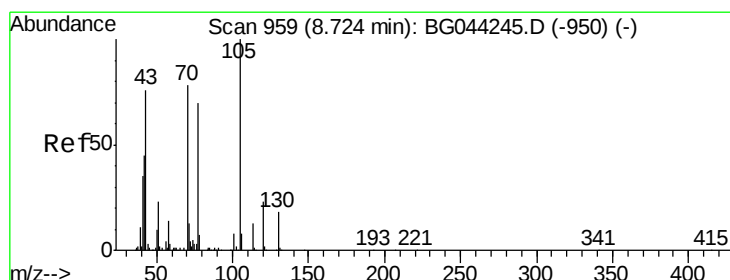
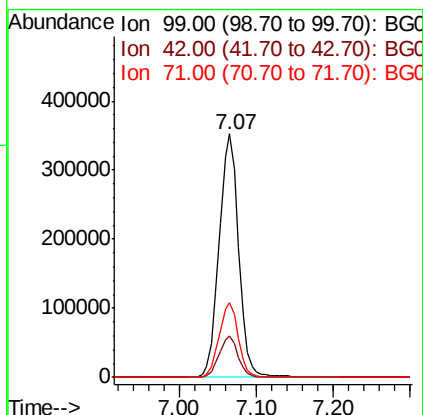
Tot Ion: 99 Resp: 616407

Ion Ratio Lower Upper

99 100

42 16.8 13.8 20.6

71 30.6 25.5 38.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.032 ng

RT: 9.05 min Scan# 1014

Delta R.T. 0.33 min

Lab File: BG044461.D

Acq: 18 Feb 2020 00:13

Tgt Ion: 70 Resp: 47611

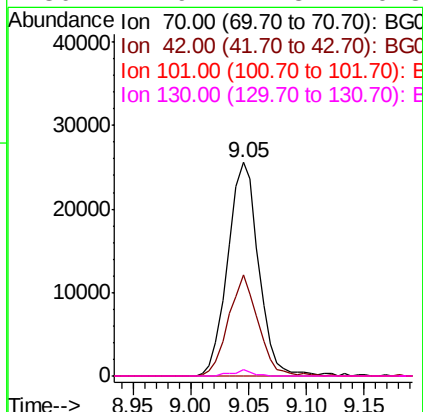
Ion Ratio Lower Upper

70 100

42 47.5 46.2 69.2

101 0.0 8.4 12.6#

130 2.9 17.8 26.8#

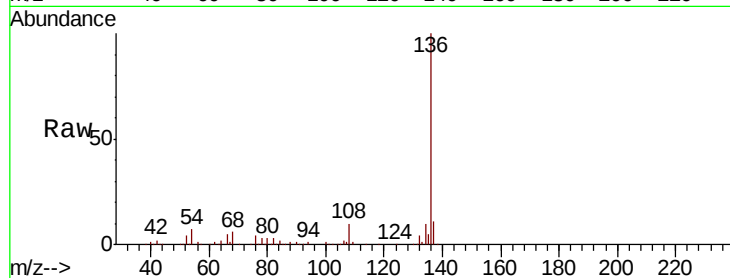




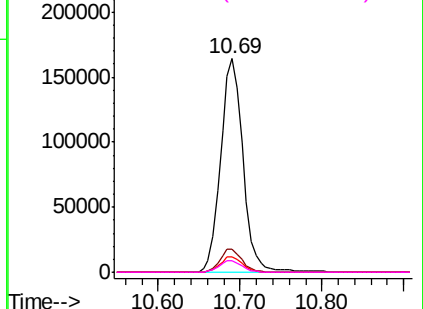
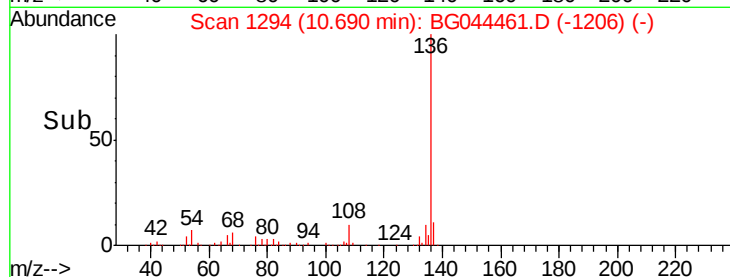
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BG044461.D
Acq: 18 Feb 2020 00:13

Instrument :
BNA_G
ClientSampled :

Tot Ion:136	Resp:	312378
Ion	Ratio	Lower Upper
136	100	
137	10.7	8.8 13.2
54	7.1	5.8 8.8
68	5.6	4.6 6.8

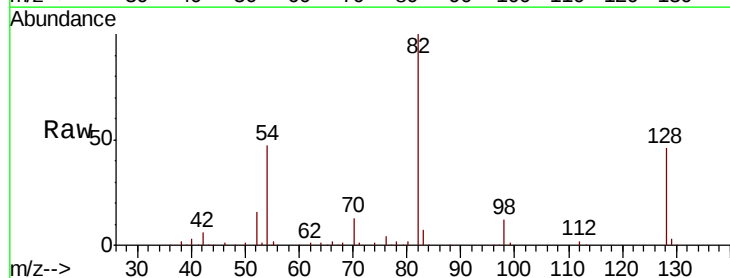


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

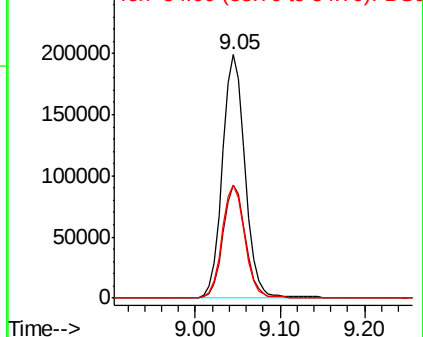
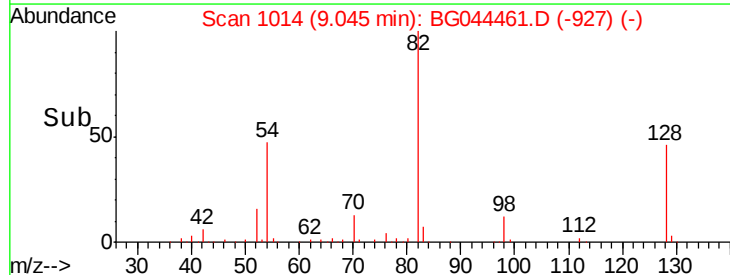


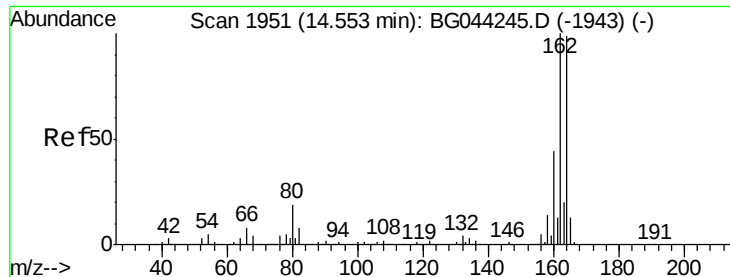
#23
Nitrobenzene-d5
Concen: 66.958 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044461.D
Acq: 18 Feb 2020 00:13

Tgt Ion: 82	Resp:	370485
Ion	Ratio	Lower Upper
82	100	
128	46.5	36.5 54.7
54	46.5	38.6 58.0



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.02 min

Lab File: BG044461.D

Acq: 18 Feb 2020 00:13

Instrument :

BNA_G

ClientSampleId :

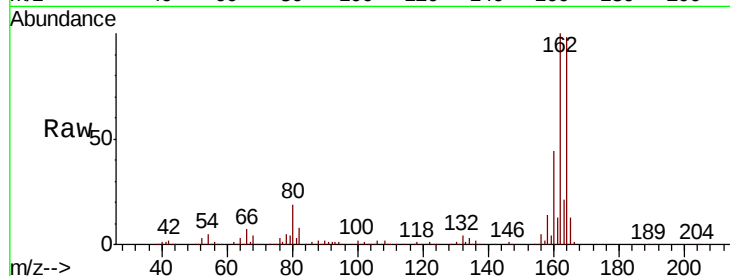
Tot Ion:164 Resp: 195160

Ion Ratio Lower Upper

164 100

162 102.4 80.7 121.1

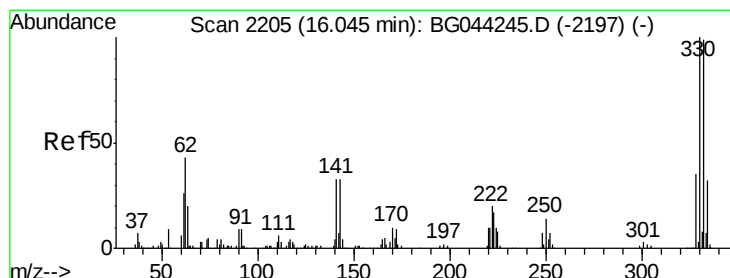
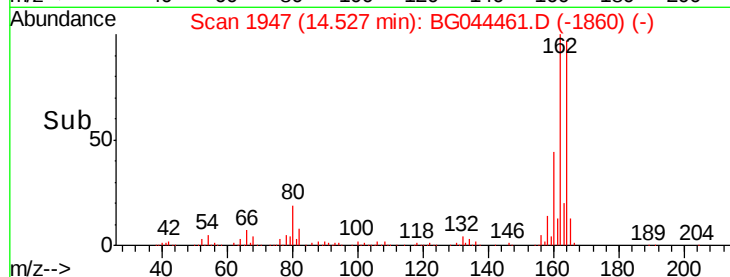
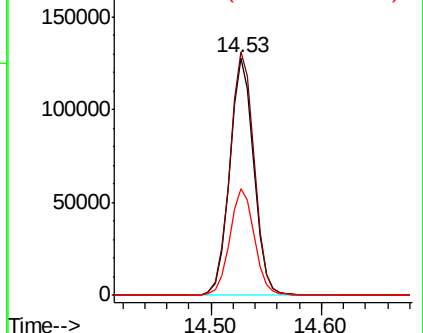
160 44.6 35.3 52.9



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: 102.930 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044461.D

Acq: 18 Feb 2020 00:13

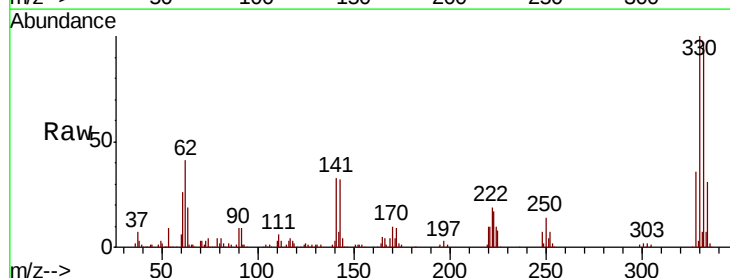
Tgt Ion:330 Resp: 235820

Ion Ratio Lower Upper

330 100

332 97.2 77.2 115.8

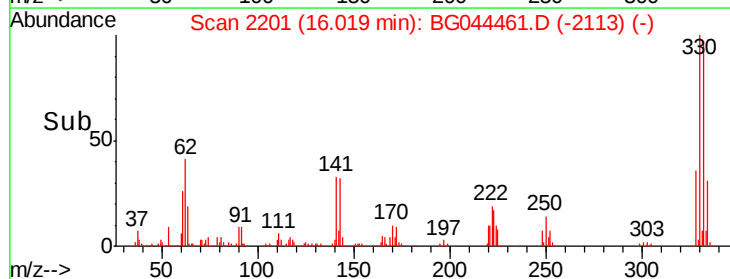
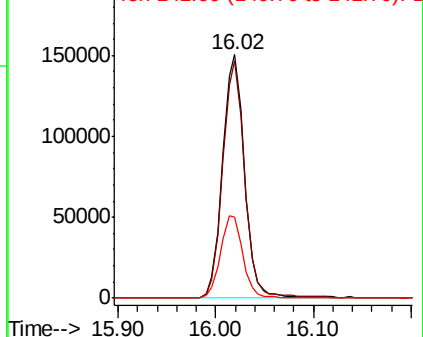
141 34.6 28.3 42.5



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

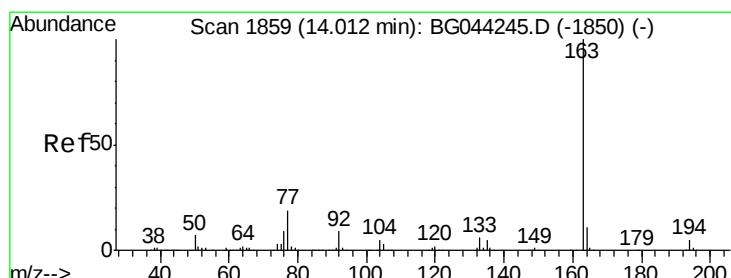
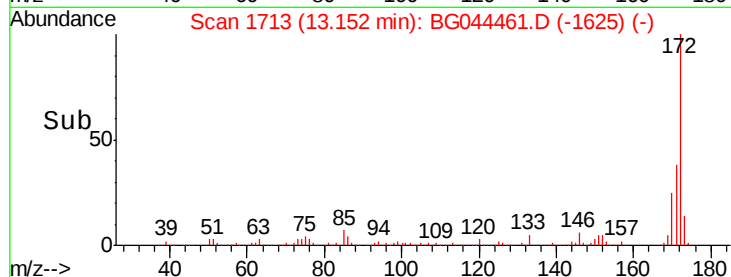
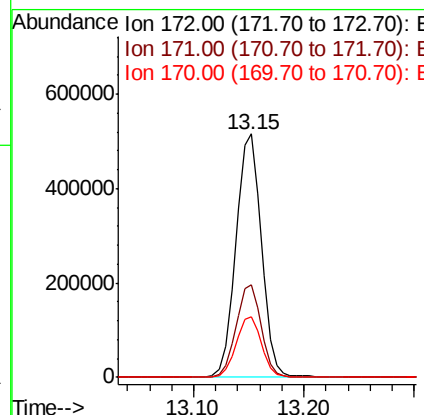
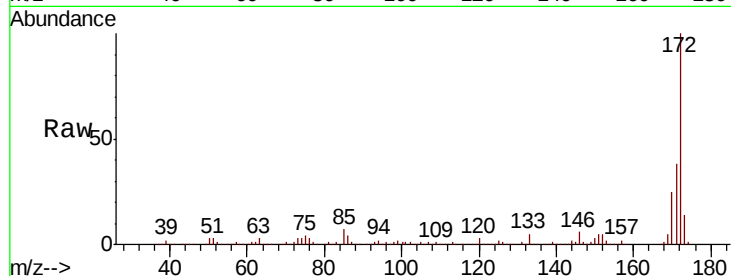




#45
2-Fluorobiphenyl
Concen: 71.951 ng
RT: 13.15 min Scan# 1713
Delta R.T. -0.01 min
Lab File: BG044461.D
Acq: 18 Feb 2020 00:13

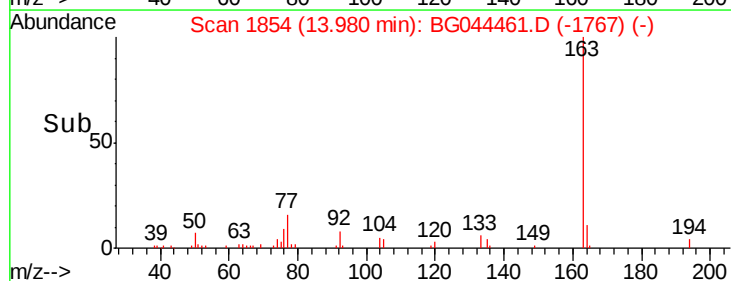
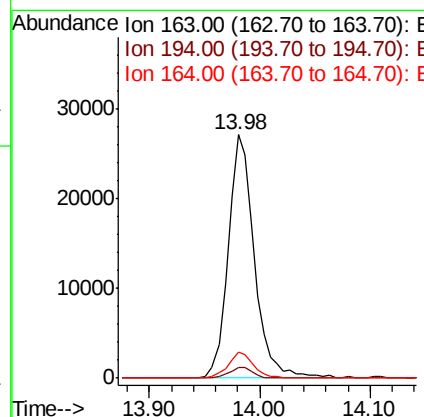
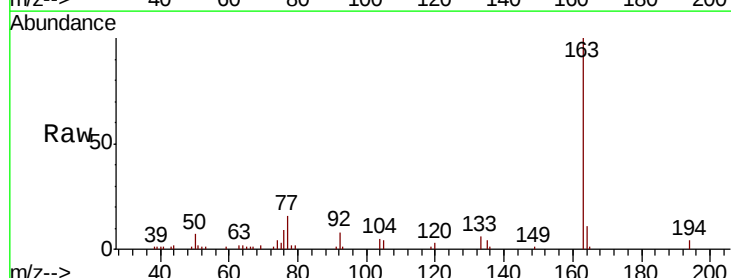
Instrument :
BNA_G
ClientSampleId :

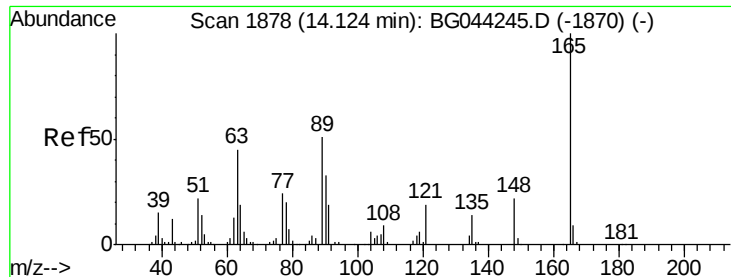
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	32.9	49.3
170	25.0	22.0	33.0



#50
Dimethylphthalate
Concen: 3.193 ng
RT: 13.98 min Scan# 1854
Delta R.T. -0.02 min
Lab File: BG044461.D
Acq: 18 Feb 2020 00:13

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	10.9	8.7	13.1





#51

2,6-Dinitrotoluene

Concen: 8.405 ng

RT: 14.53 min Scan# 1947

Delta R.T. 0.41 min

Lab File: BG044461.D

Acq: 18 Feb 2020 00:13

Instrument :

BNA_G

ClientSampleId :

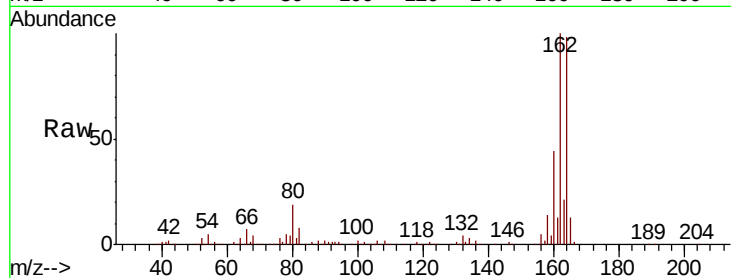
Tot Ion:165 Resp: 26290

Ion Ratio Lower Upper

165 100

63 2.1 38.7 58.1#

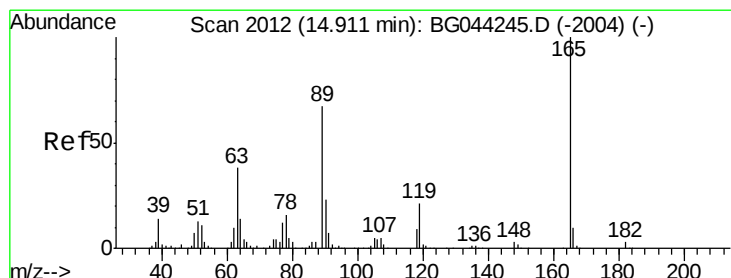
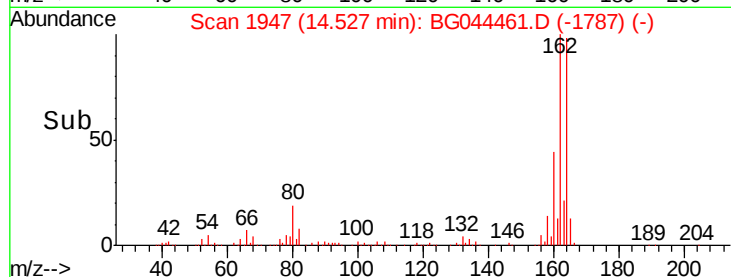
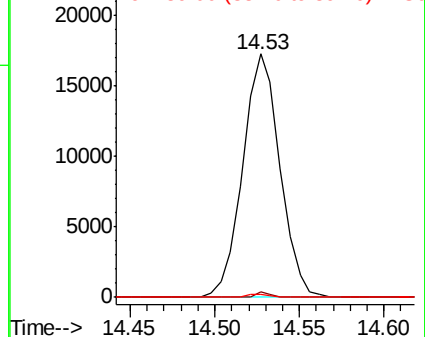
89 1.4 40.4 60.6#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#57

2,4-Dinitrotoluene

Concen: 5.997 ng

RT: 14.53 min Scan# 1947

Delta R.T. -0.38 min

Lab File: BG044461.D

Acq: 18 Feb 2020 00:13

Tgt Ion:165 Resp: 26290

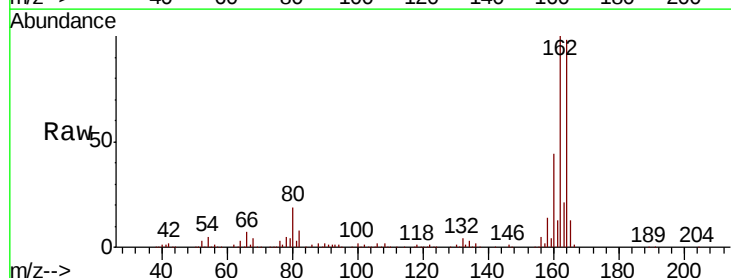
Ion Ratio Lower Upper

165 100

63 2.1 30.3 45.5#

89 1.4 53.4 80.2#

182 0.0 2.1 3.1#

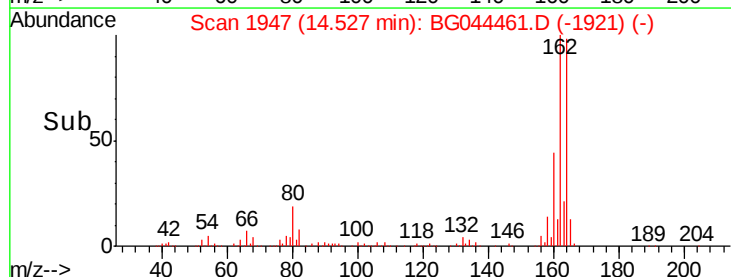
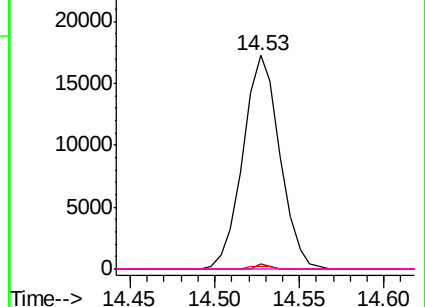


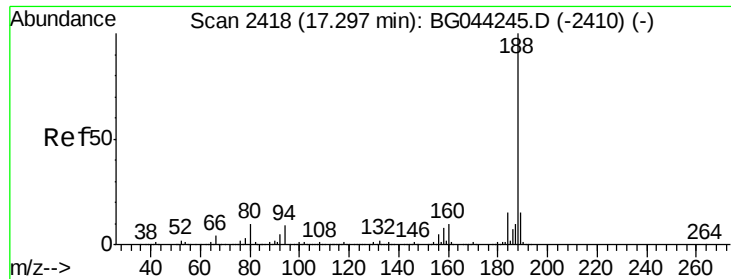
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E

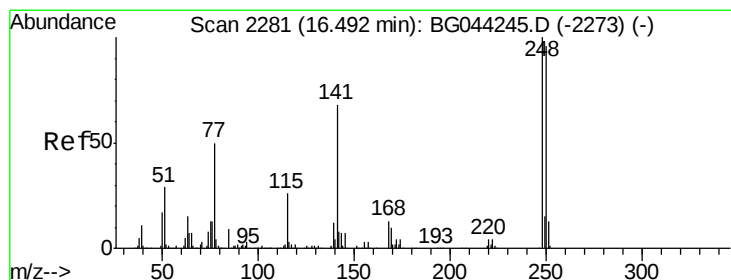
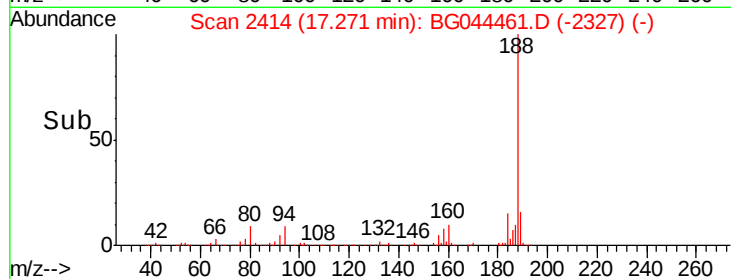
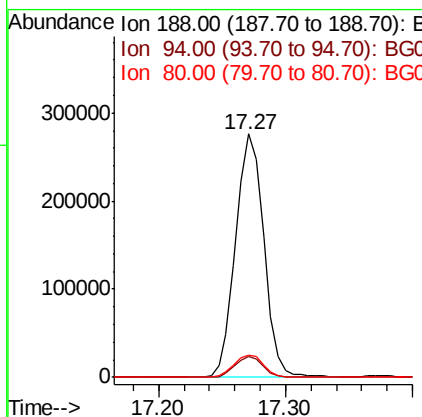
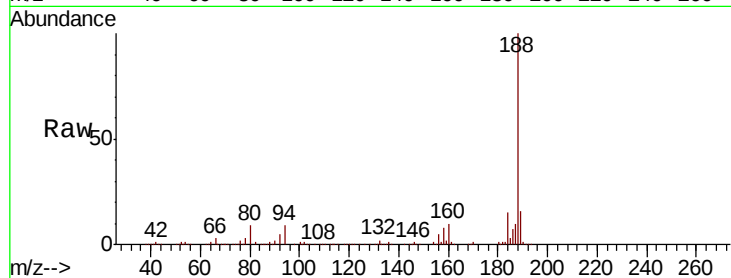




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.27 min Scan# 2414
 Delta R.T. -0.02 min
 Lab File: BG044461.D
 Acq: 18 Feb 2020 00:13

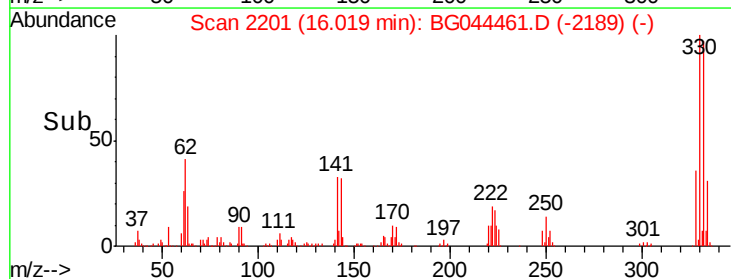
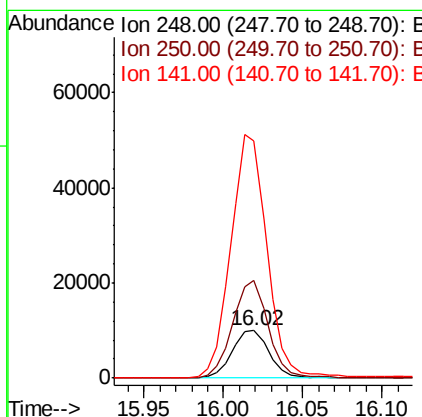
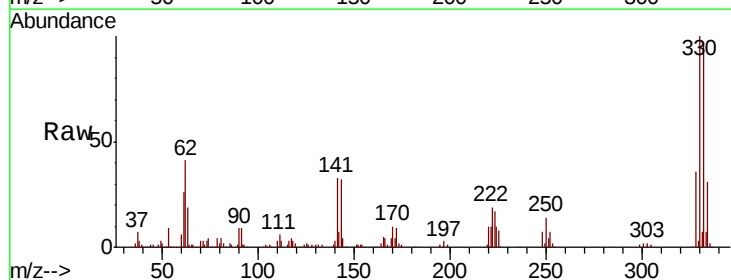
Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:188 Resp: 426613
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.4 11.2
 80 9.2 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 3.465 ng
 RT: 16.02 min Scan# 2201
 Delta R.T. -0.46 min
 Lab File: BG044461.D
 Acq: 18 Feb 2020 00:13

Tgt Ion:248 Resp: 16104
 Ion Ratio Lower Upper
 248 100
 250 204.9 76.6 114.8#
 141 499.5 54.7 82.1#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG044461.D

Acq: 18 Feb 2020 00:13

Instrument :

BNA_G

ClientSampleId :

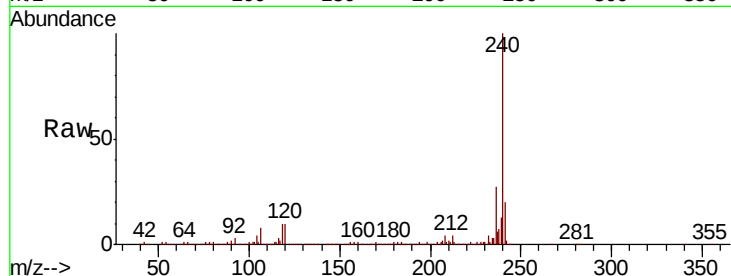
Tot Ion:240 Resp: 426583

Ion Ratio Lower Upper

240 100

120 10.2 8.4 12.6

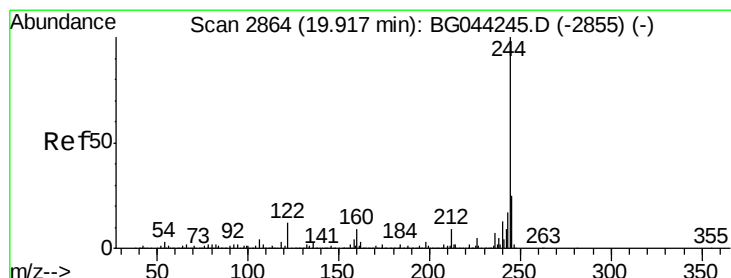
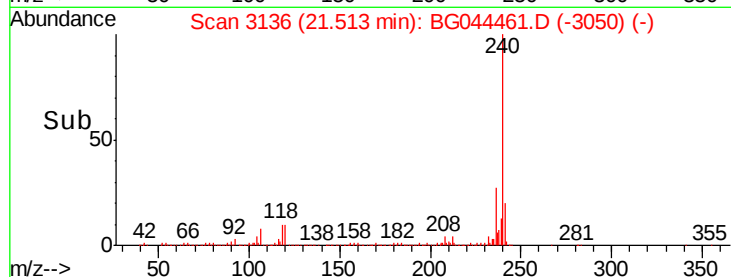
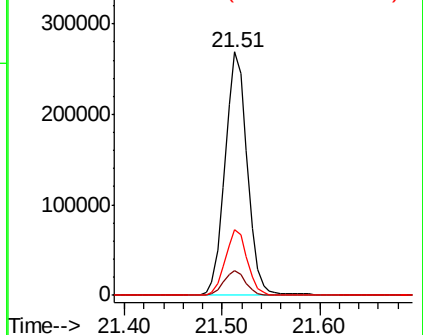
236 27.1 22.1 33.1



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



#79

Terphenyl-d14

Concen: 61.768 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044461.D

Acq: 18 Feb 2020 00:13

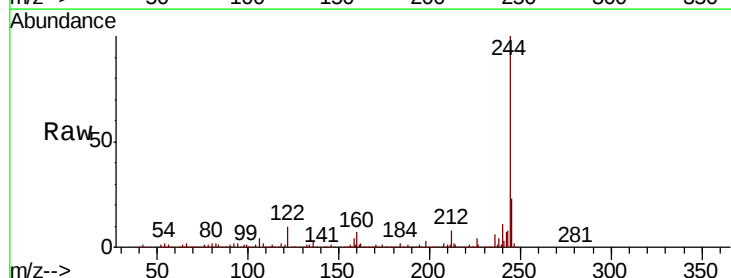
Tgt Ion:244 Resp: 1281023

Ion Ratio Lower Upper

244 100

212 8.0 7.4 11.2

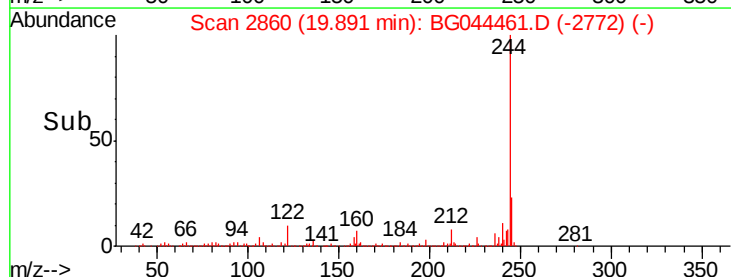
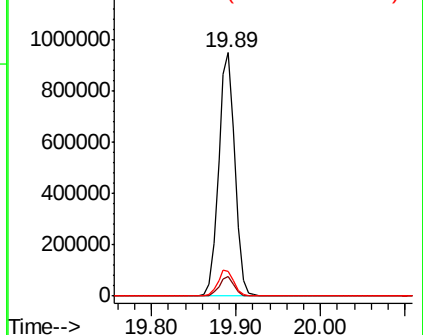
122 10.3 9.8 14.6

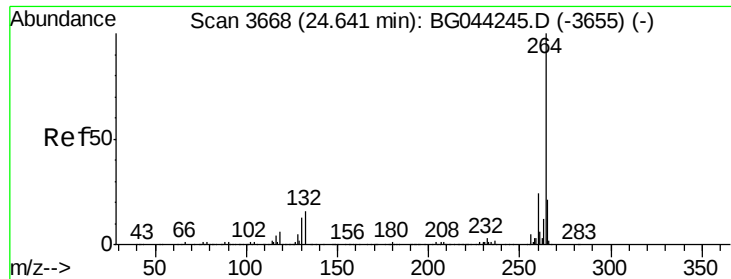


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.59 min Scan# 3660
Delta R.T. -0.03 min
Lab File: BG044461.D
Acq: 18 Feb 2020 00:13

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.4	29.2
265	21.0	16.7	25.1

