

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
 Data File : BG041614.D
 Acq On : 5 Jul 2019 16:40
 Operator : HP/JU
 Sample : K3668-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jul 05 18:05:33 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 05 17:58:09 2019
 Response via : Initial Calibration

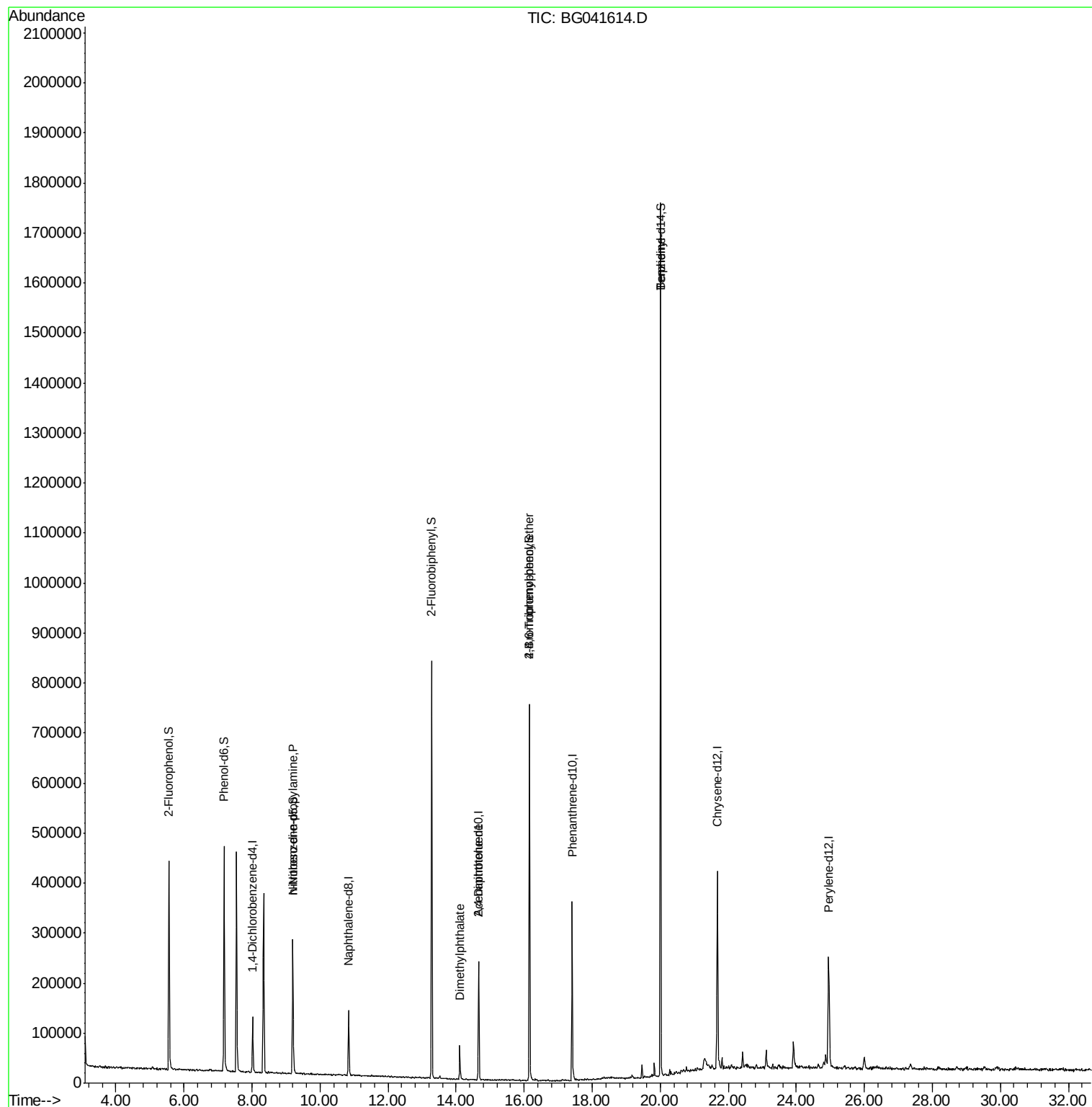
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	32037	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	113786	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	82159	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	218156	20.00	ng	0.00
76) Chrysene-d12	21.68	240	237691	20.00	ng	0.00
87) Perylene-d12	24.96	264	258508	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	175741	97.80	ng	0.00
7) Phenol-d6	7.18	99	247471	97.83	ng	0.00
23) Nitrobenzene-d5	9.20	82	168983	61.94	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	152701	108.85	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	434314	67.84	ng	0.00
79) Terphenyl-d14	20.01	244	864256	77.27	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.20	70	24714	13.098	ng	# 76
50) Dimethylphthalate	14.11	163	48450	6.480	ng	# 98
57) 2,4-Dinitrotoluene	14.66	165	11259	4.891	ng	# 19
67) 4-Bromophenyl-phenylether	16.15	248	10638	3.568	ng	# 1
77) Benzidine	20.01	184	14188	2.690	ng	# 95

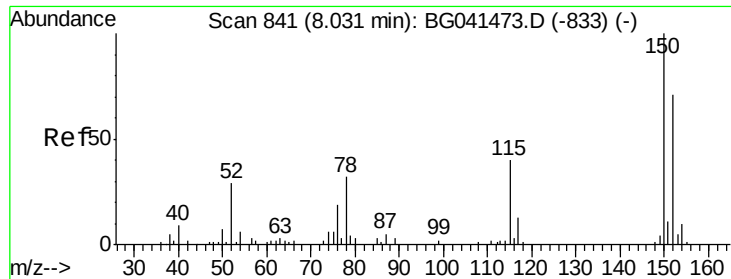
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070519\
Data File : BG041614.D
Acq On : 5 Jul 2019 16:40
Operator : HP/JU
Sample : K3668-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Jul 05 18:05:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 17:58:09 2019
Response via : Initial Calibration



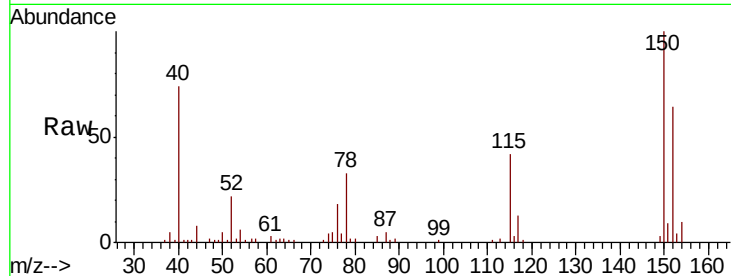


#1

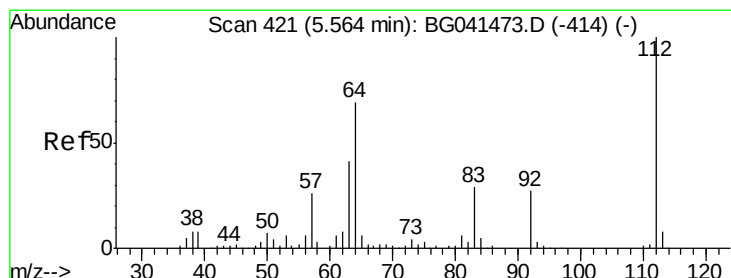
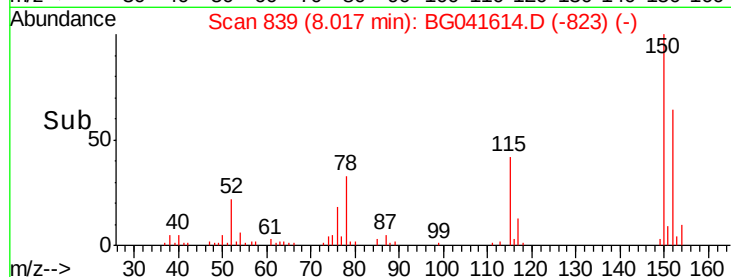
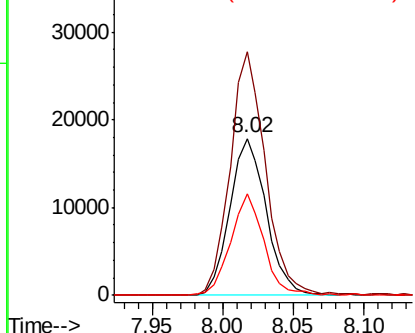
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG041614.D
Acq: 5 Jul 2019 16:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 32037
Ion Ratio Lower Upper
152 100
150 155.4 118.3 177.5
115 64.7 44.0 66.0



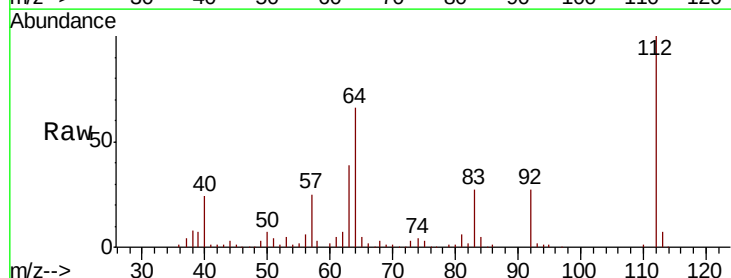
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



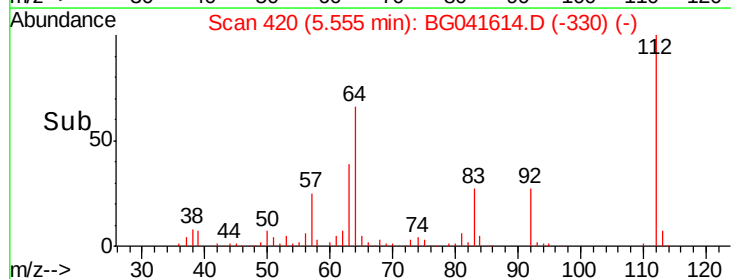
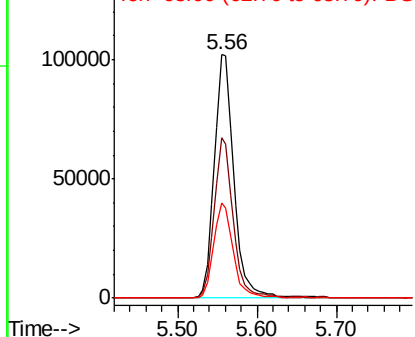
#5

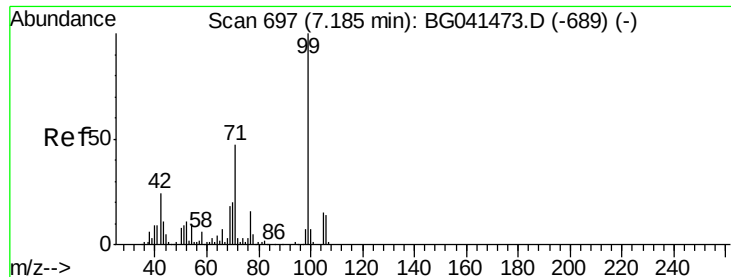
2-Fluorophenol
Concen: 97.800 ng
RT: 5.56 min Scan# 420
Delta R.T. 0.00 min
Lab File: BG041614.D
Acq: 5 Jul 2019 16:40

Tgt Ion:112 Resp: 175741
Ion Ratio Lower Upper
112 100
64 65.8 52.4 78.6
63 39.1 32.2 48.2



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: 97.829 ng

RT: 7.18 min Scan# 696

Delta R.T. 0.00 min

Lab File: BG041614.D

Acq: 5 Jul 2019 16:40

Instrument :

BNA_G

ClientSampleId :

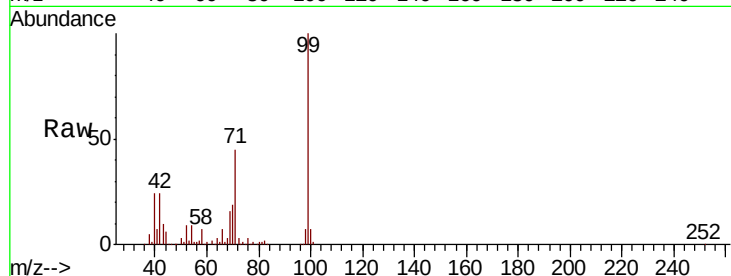
Tot Ion: 99 Resp: 247471

Ion Ratio Lower Upper

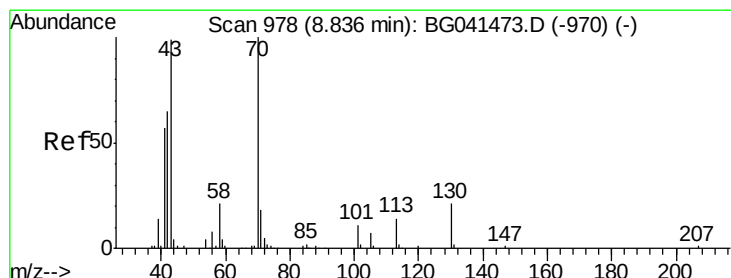
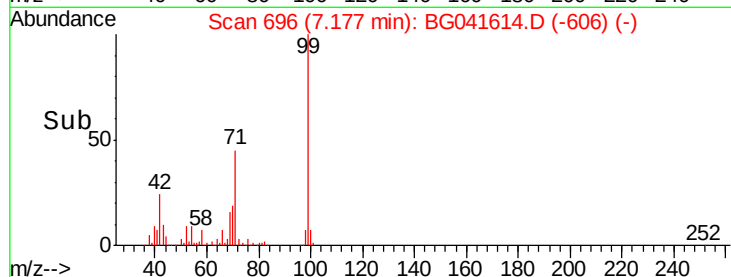
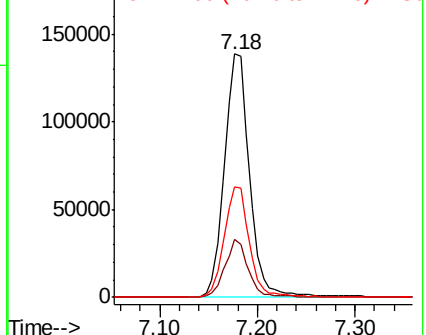
99 100

42 23.7 18.2 27.4

71 45.4 37.4 56.2



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



#19

n-Nitroso-di-n-propylamine

Concen: 13.098 ng

RT: 9.20 min Scan# 1040

Delta R.T. 0.37 min

Lab File: BG041614.D

Acq: 5 Jul 2019 16:40

Tgt Ion: 70 Resp: 24714

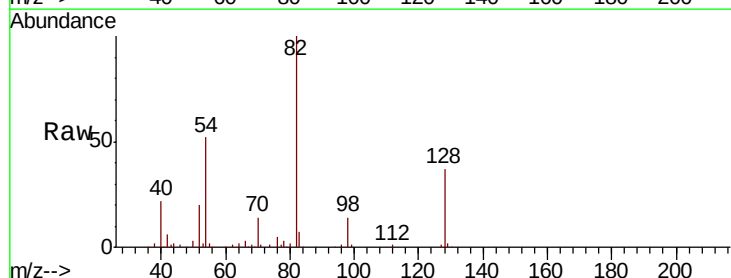
Ion Ratio Lower Upper

70 100

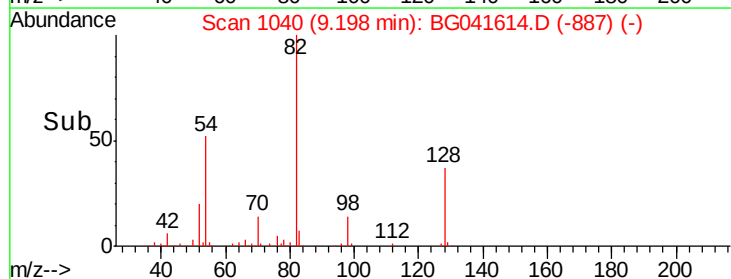
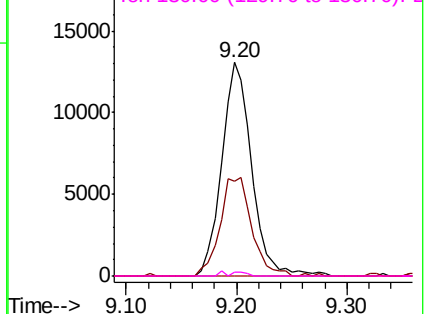
42 44.6 45.5 68.3#

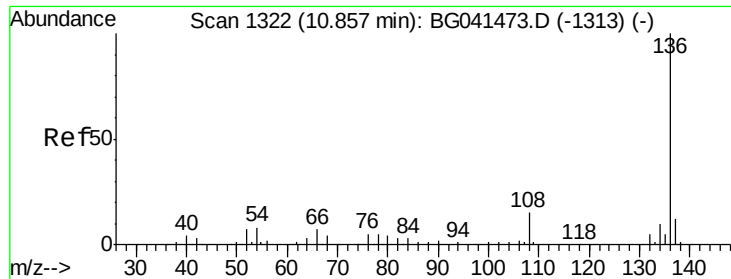
101 0.0 9.0 13.4#

130 1.6 16.8 25.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

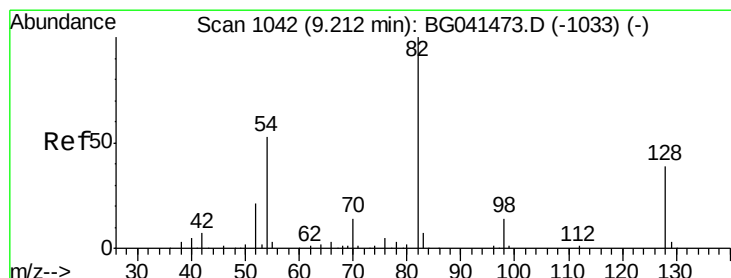
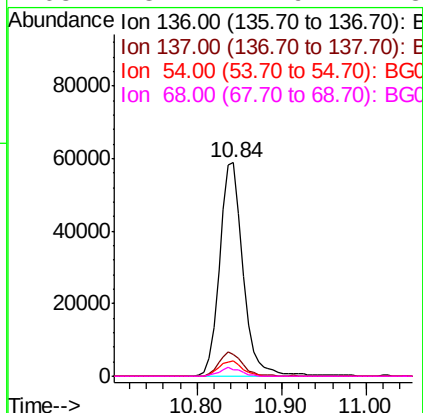
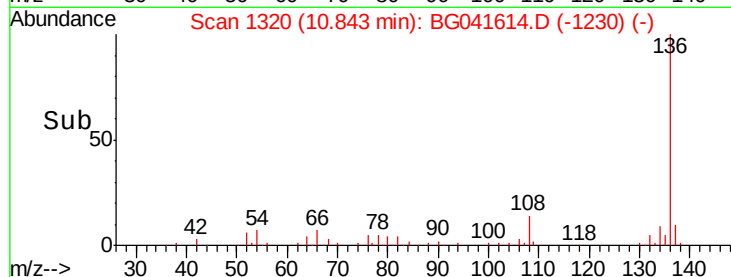
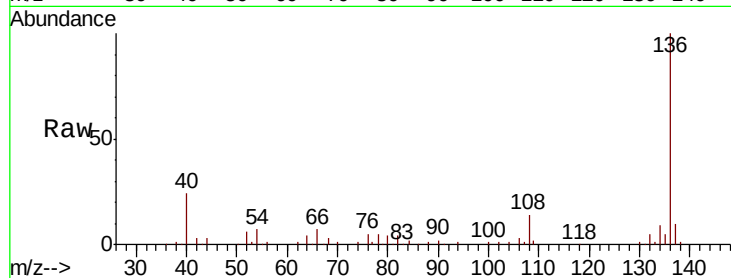




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.84 min Scan# 1320
Delta R.T. 0.00 min
Lab File: BG041614.D
Acq: 5 Jul 2019 16:40

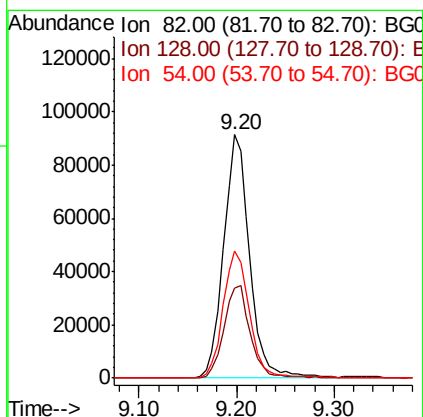
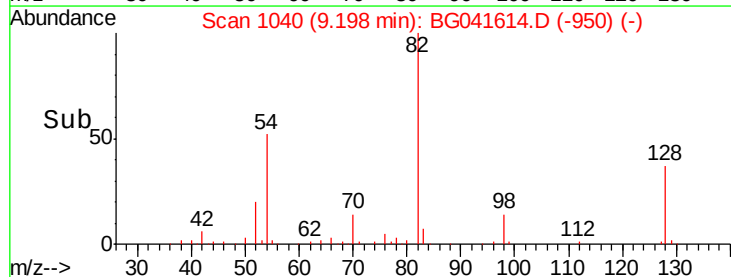
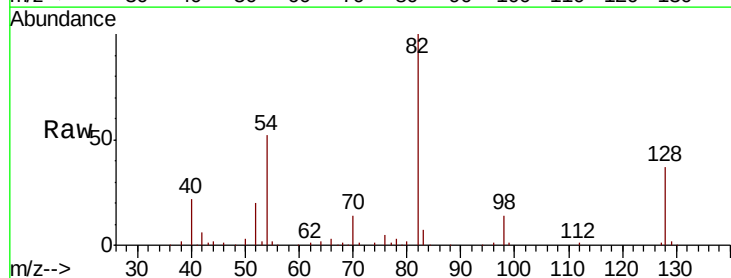
Instrument :
BNA_G
ClientSampleId :

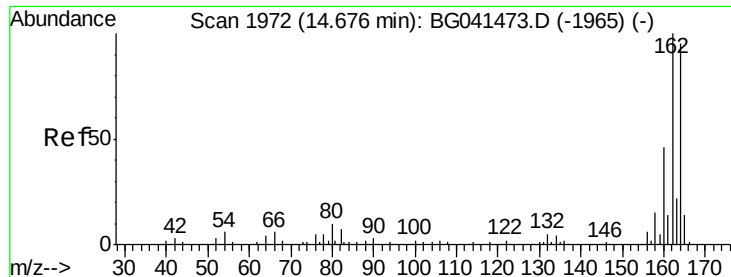
Tot Ion:136	Resp:	113786
Ion	Ratio	Lower Upper
136	100	
137	10.2	9.4 14.2
54	7.1	6.0 9.0
68	3.2	2.9 4.3



#23
Nitrobenzene-d5
Concen: 61.939 ng
RT: 9.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BG041614.D
Acq: 5 Jul 2019 16:40

Tgt Ion: 82	Resp:	168983
Ion	Ratio	Lower Upper
82	100	
128	36.8	29.5 44.3
54	52.0	42.2 63.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG041614.D

Acq: 5 Jul 2019 16:40

Instrument :

BNA_G

ClientSampleId :

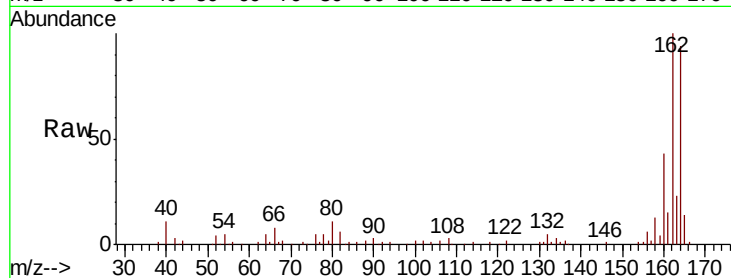
Tot Ion:164 Resp: 82159

Ion Ratio Lower Upper

164 100

162 106.7 83.0 124.4

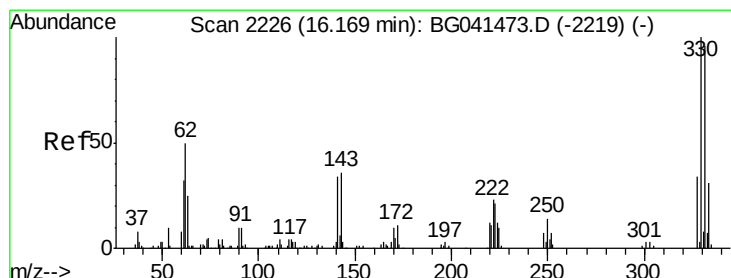
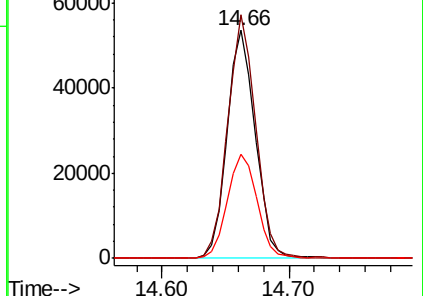
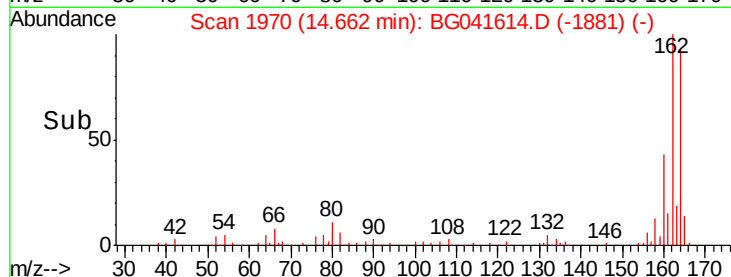
160 45.7 34.2 51.4



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: 108.854 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG041614.D

Acq: 5 Jul 2019 16:40

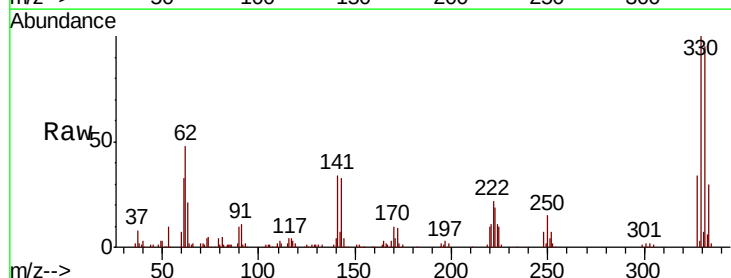
Tgt Ion:330 Resp: 152701

Ion Ratio Lower Upper

330 100

332 95.6 76.9 115.3

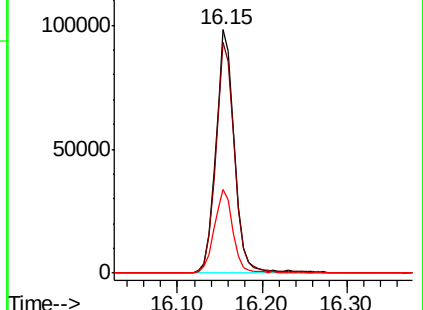
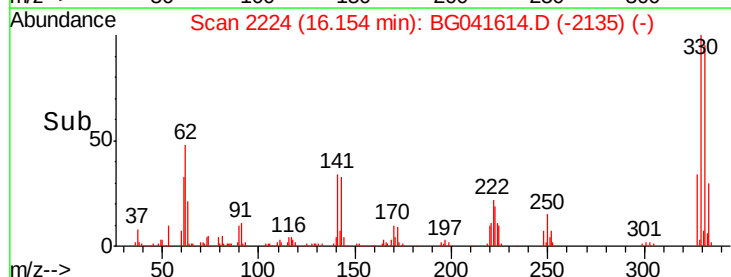
141 34.4 28.4 42.6

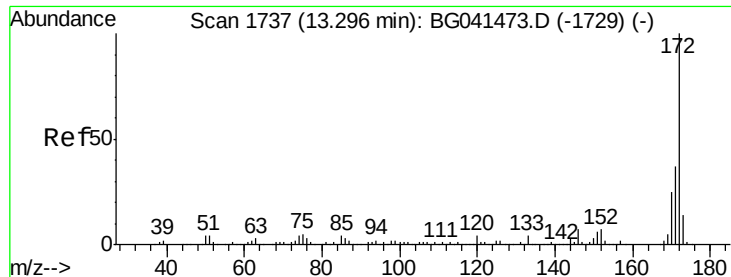


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

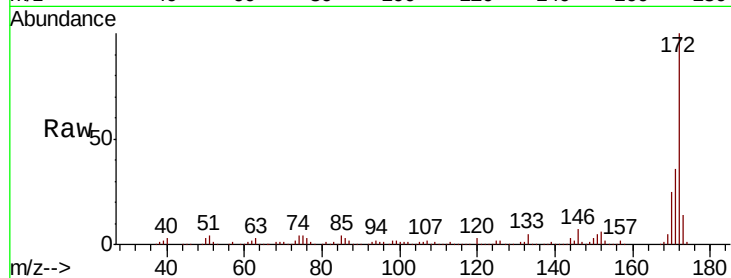




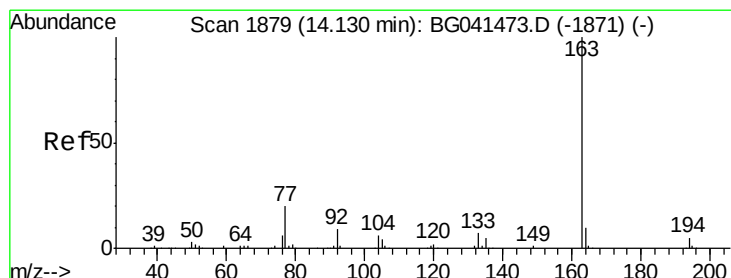
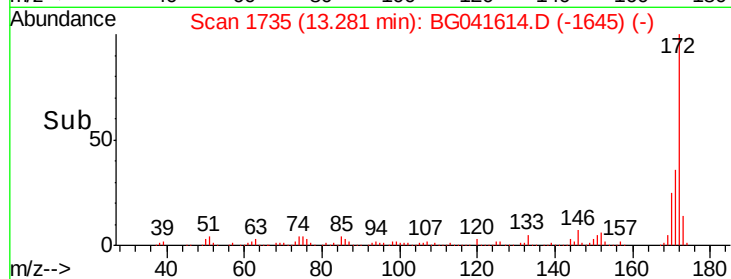
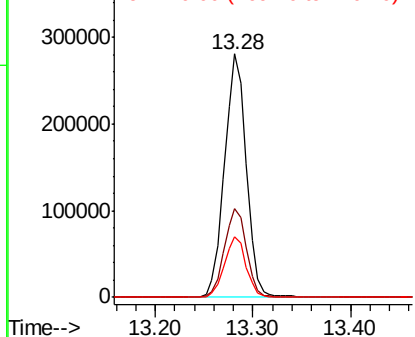
#45
 2-Fluorobiphenyl
 Concen: 67.836 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG041614.D
 Acq: 5 Jul 2019 16:40

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 434314
 Ion Ratio Lower Upper
 172 100
 171 36.2 30.9 46.3
 170 24.8 20.0 30.0

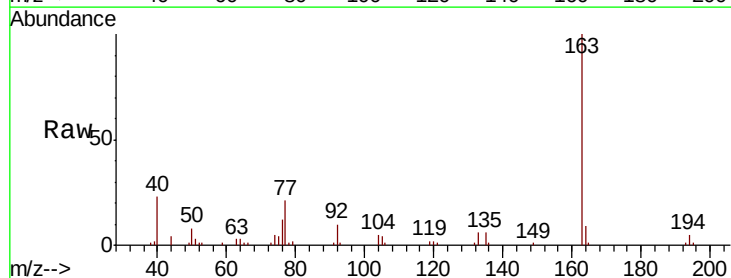


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

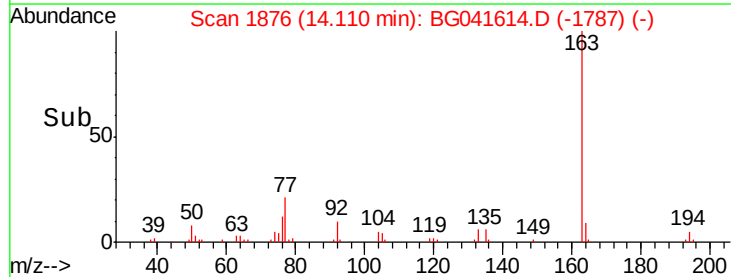
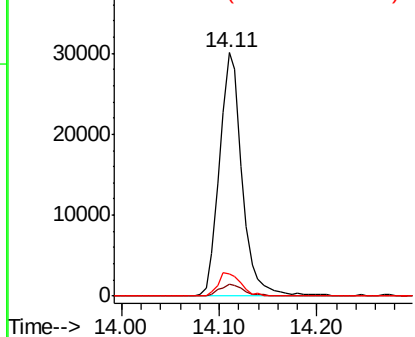


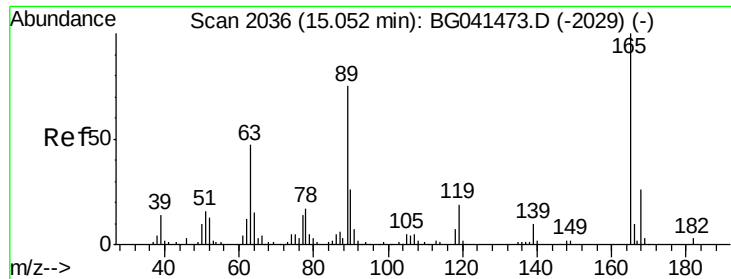
#50
 Dimethylphthalate
 Concen: 6.480 ng
 RT: 14.11 min Scan# 1876
 Delta R.T. -0.01 min
 Lab File: BG041614.D
 Acq: 5 Jul 2019 16:40

Tgt Ion:163 Resp: 48450
 Ion Ratio Lower Upper
 163 100
 194 4.7 3.9 5.9
 164 8.9 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

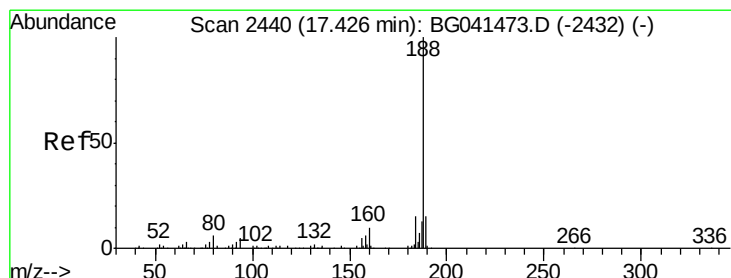
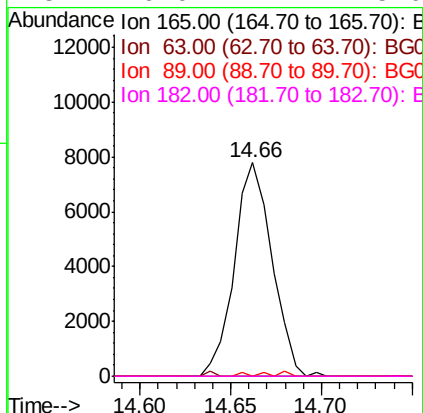
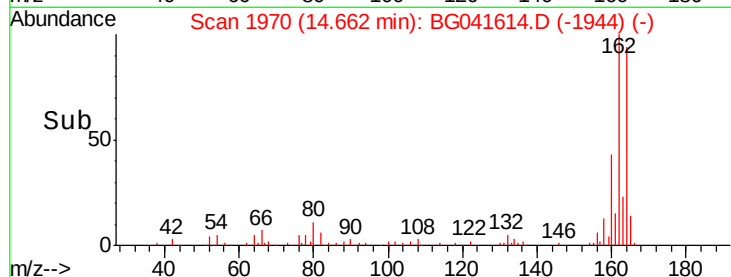
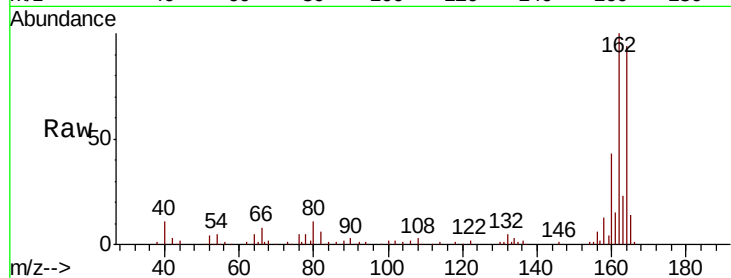




#57
 2,4-Dinitrotoluene
 Concen: 4.891 ng
 RT: 14.66 min Scan# 1970
 Delta R.T. -0.38 min
 Lab File: BG041614.D
 Acq: 5 Jul 2019 16:40

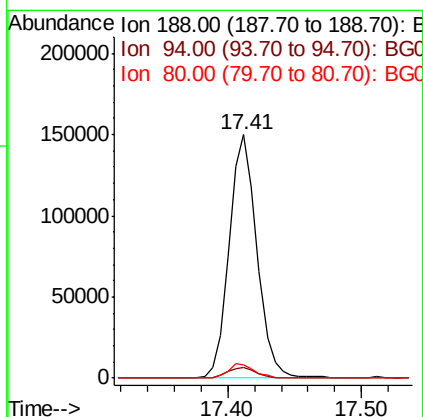
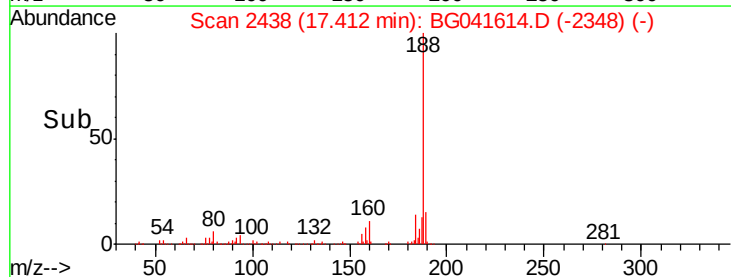
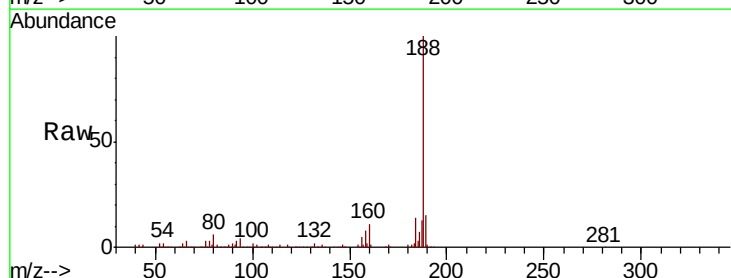
Instrument :
 BNA_G
 ClientSampleId :

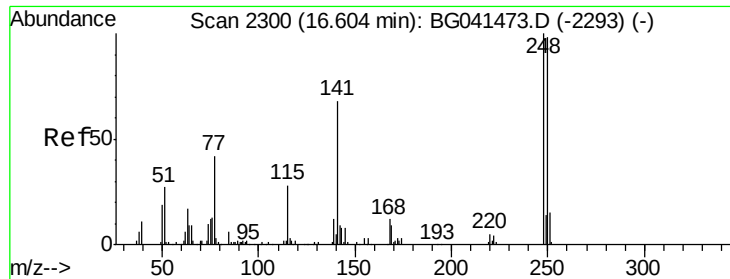
Tot Ion:165 Resp: 11259
 Ion Ratio Lower Upper
 165 100
 63 0.0 40.6 60.8#
 89 0.0 62.2 93.2#
 182 0.0 2.4 3.6#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. 0.00 min
 Lab File: BG041614.D
 Acq: 5 Jul 2019 16:40

Tgt Ion:188 Resp: 218156
 Ion Ratio Lower Upper
 188 100
 94 4.3 3.3 4.9
 80 5.6 5.0 7.4

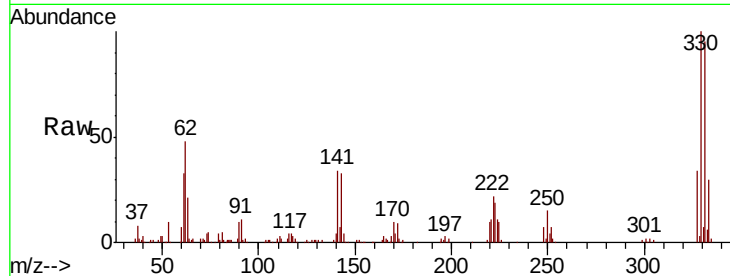




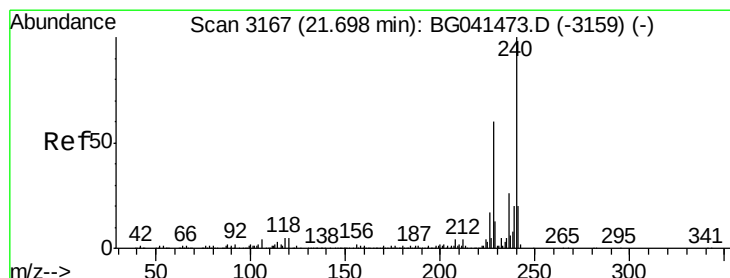
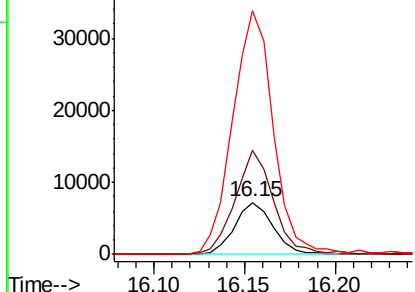
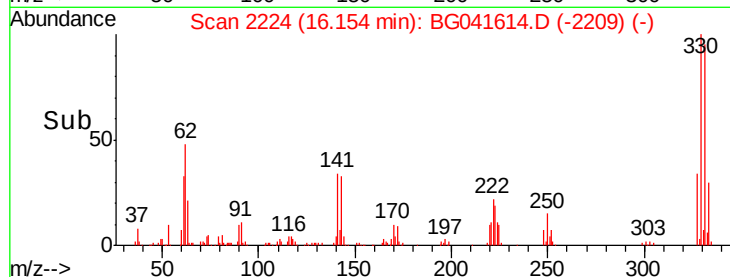
#67
 4-Bromophenyl-phenylether
 Concen: 3.568 ng
 RT: 16.15 min Scan# 2224
 Delta R.T. -0.44 min
 Lab File: BG041614.D
 Acq: 5 Jul 2019 16:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 10638
 Ion Ratio Lower Upper
 248 100
 250 198.7 79.3 118.9#
 141 466.3 51.0 76.6#

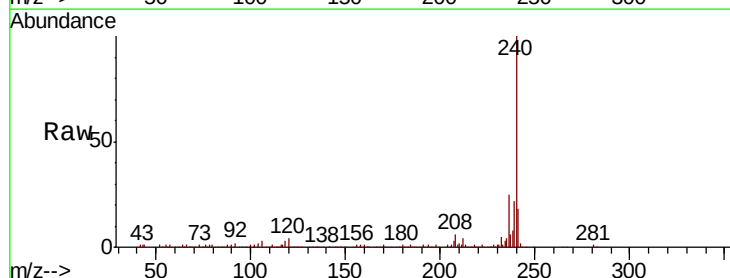


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

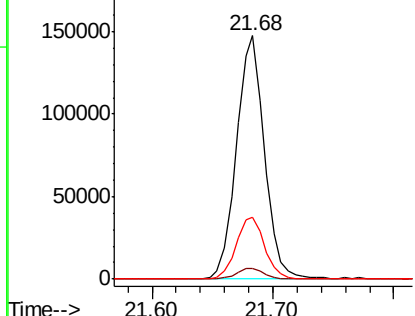
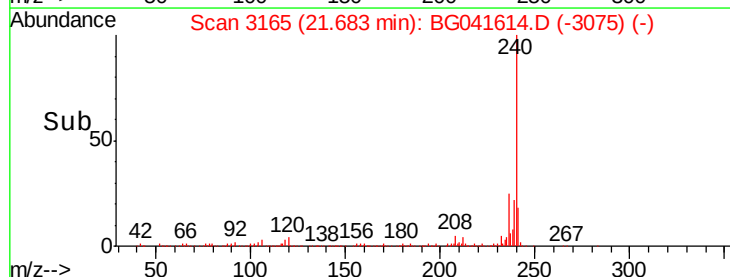


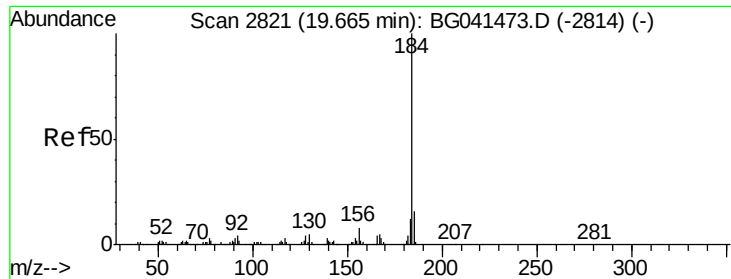
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. 0.00 min
 Lab File: BG041614.D
 Acq: 5 Jul 2019 16:40

Tgt Ion:240 Resp: 237691
 Ion Ratio Lower Upper
 240 100
 120 4.4 3.9 5.9
 236 25.5 20.6 30.8



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





#77

Benzidine

Concen: 2.690 ng

RT: 20.01 min Scan# 2881

Delta R.T. 0.36 min

Lab File: BG041614.D

Acq: 5 Jul 2019 16:40

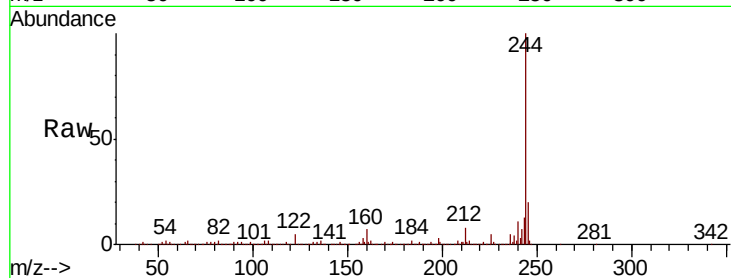
Instrument :

BNA_G

ClientSampled :

Tot Ion:184 Resp: 14188

Ion	Ratio	Lower	Upper
184	100		
185	14.4	11.7	17.5
183	7.7	9.4	14.2#

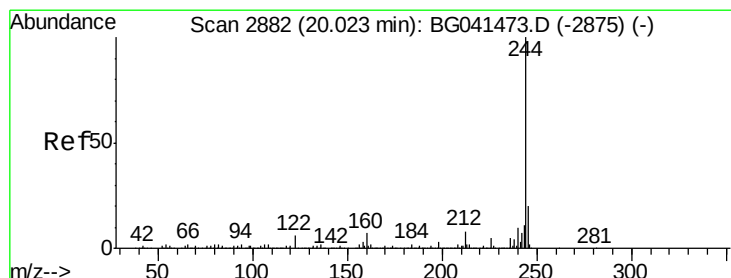
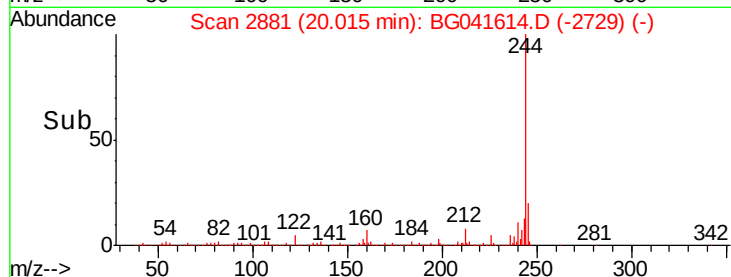
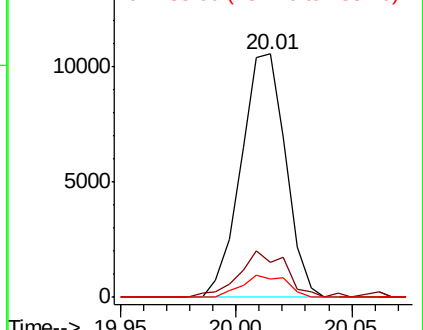


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 77.269 ng

RT: 20.01 min Scan# 2881

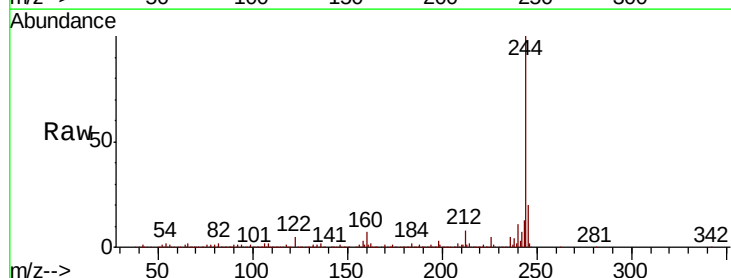
Delta R.T. 0.00 min

Lab File: BG041614.D

Acq: 5 Jul 2019 16:40

Tgt Ion:244 Resp: 864256

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.2	9.2
122	4.9	4.0	6.0

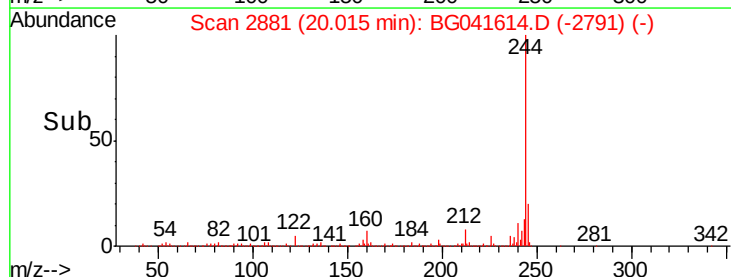
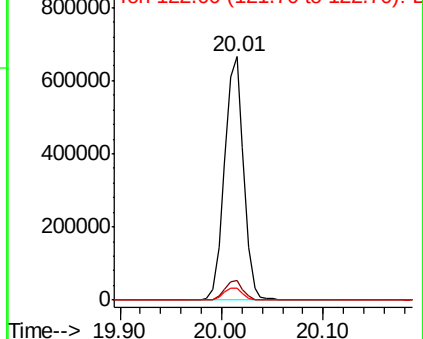


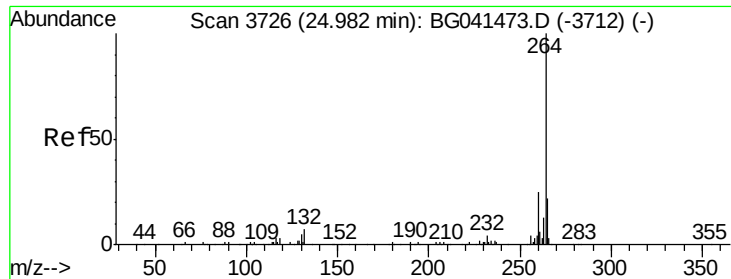
Abundance

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
Pervlone-d12
Concen: 20.000 ng
RT: 24.96 min Scan# 3722
Delta R.T. -0.01 min
Lab File: BG041614.D
Acq: 5 Jul 2019 16:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	21.3	16.7	25.1

