

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042614.D
 Acq On : 30 Aug 2019 23:50
 Operator : HP/JU
 Sample : K4594-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 31 01:42:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

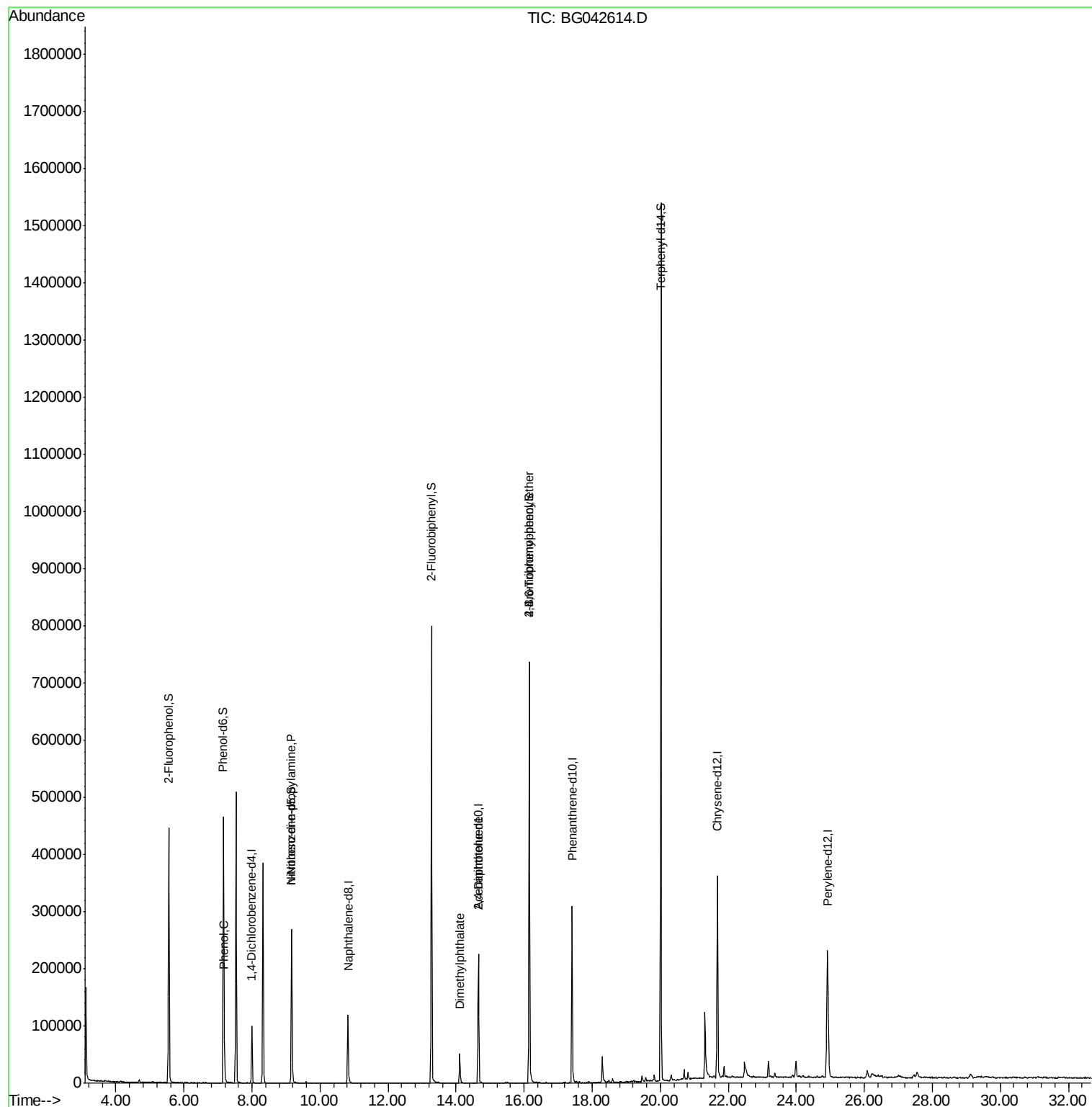
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	33463	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	126353	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	95484	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	223907	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	237497	20.00	ng	-0.01
87) Perylene-d12	24.91	264	278288	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	229655	138.99	ng	0.00
7) Phenol-d6	7.16	99	307292	137.69	ng	-0.01
23) Nitrobenzene-d5	9.16	82	176959	96.78	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	197004	145.16	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	486143	86.11	ng	0.00
79) Terphenyl-d14	20.02	244	840963	76.55	ng	0.00
Target Compounds						
10) Phenol	7.19	94	25182	11.097	ng	90
19) n-Nitroso-di-n-propylamine	9.16	70	23046	15.939	ng	# 78
50) Dimethylphthalate	14.10	163	53612	7.782	ng	99
57) 2,4-Dinitrotoluene	14.66	165	12305	5.381	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	13718	4.830	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042614.D
Acq On : 30 Aug 2019 23:50
Operator : HP/JU
Sample : K4594-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 31 01:42:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration



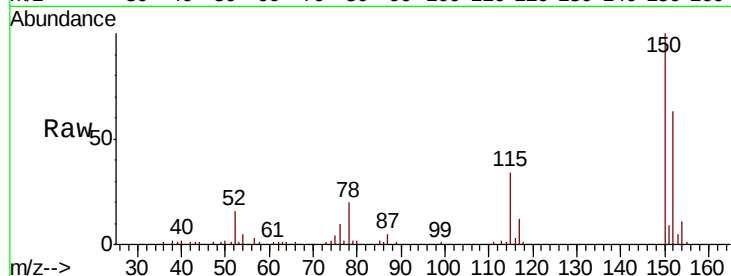


#1

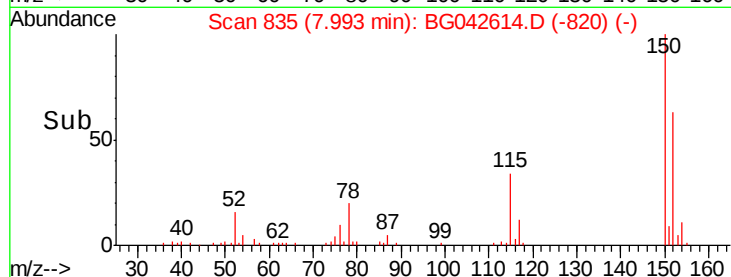
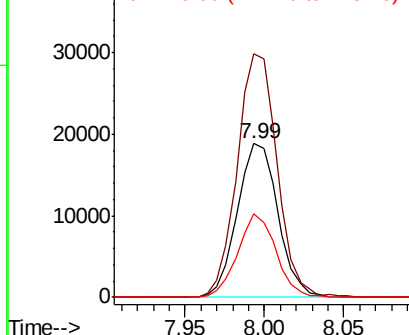
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33463
Ion Ratio Lower Upper
152 100
150 158.6 125.4 188.0
115 54.3 38.5 57.7



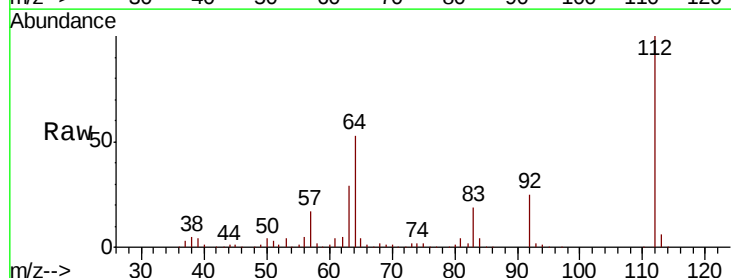
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



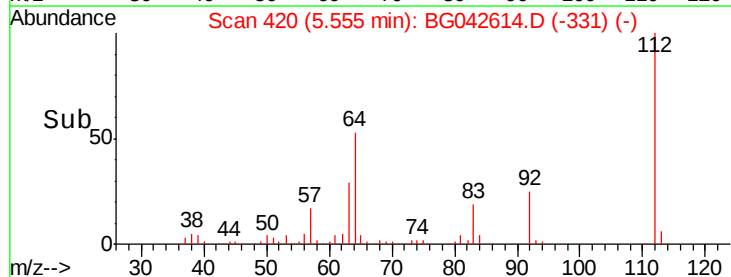
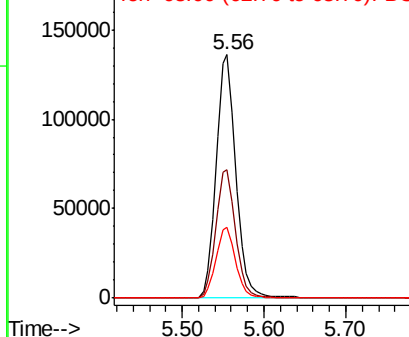
#5

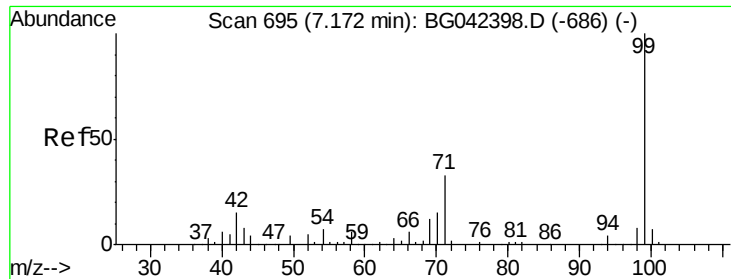
2-Fluorophenol
Concen: 138.995 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Tgt Ion:112 Resp: 229655
Ion Ratio Lower Upper
112 100
64 52.9 42.8 64.2
63 29.1 22.7 34.1



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: 137.686 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042614.D

Acq: 30 Aug 2019 23:50

Instrument :

BNA_G

ClientSampleId :

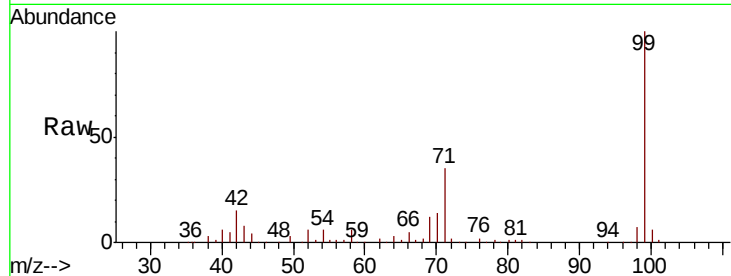
Tot Ion: 99 Resp: 307292

Ion Ratio Lower Upper

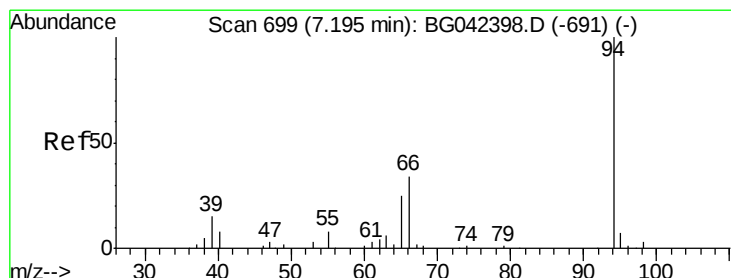
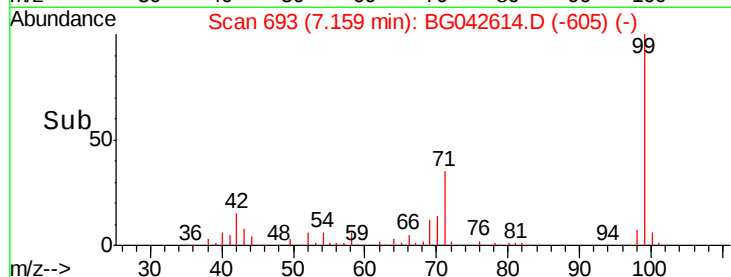
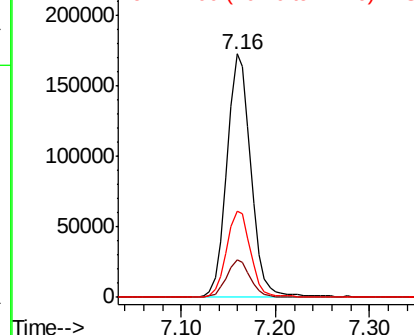
99 100

42 15.5 12.0 18.0

71 35.2 26.3 39.5



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: 11.097 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042614.D

Acq: 30 Aug 2019 23:50

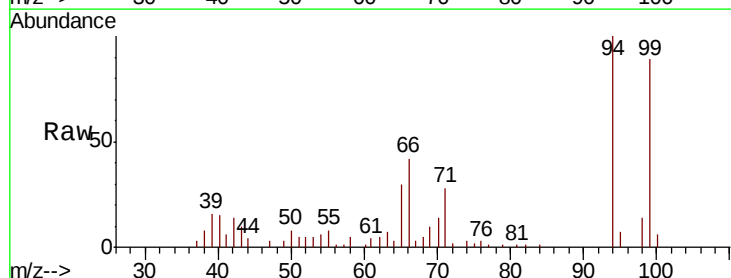
Tgt Ion: 94 Resp: 25182

Ion Ratio Lower Upper

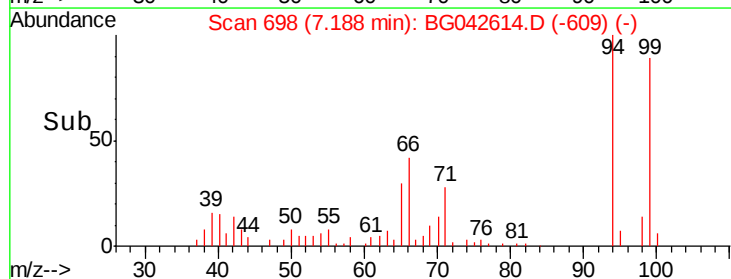
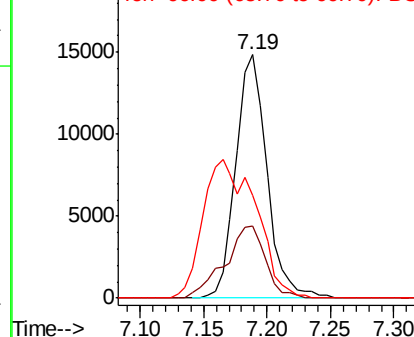
94 100

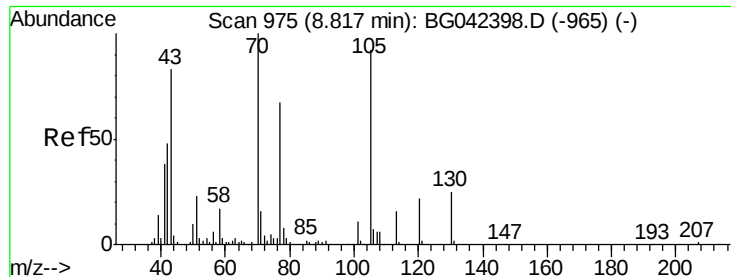
65 29.8 5.6 45.6

66 42.2 16.0 56.0



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

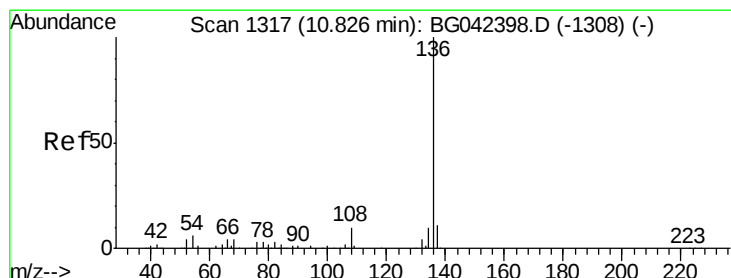
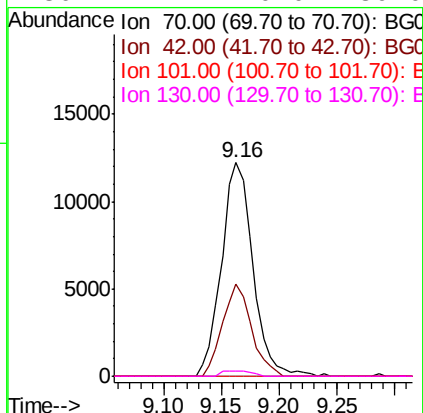
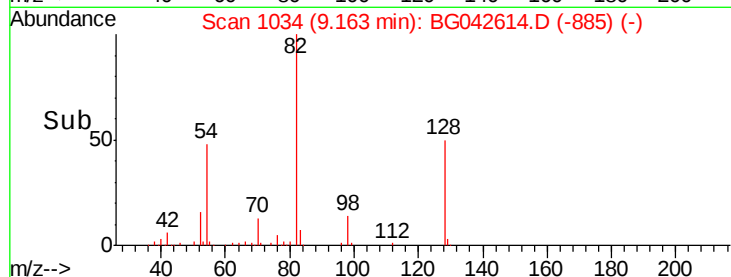
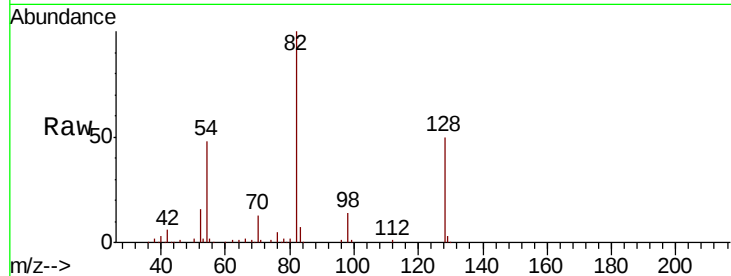




#19
n-Nitroso-di-n-propylamine
Concen: 15.939 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

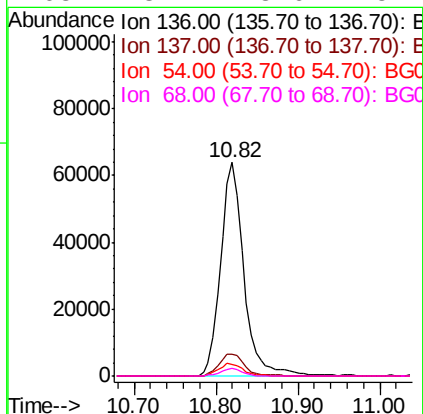
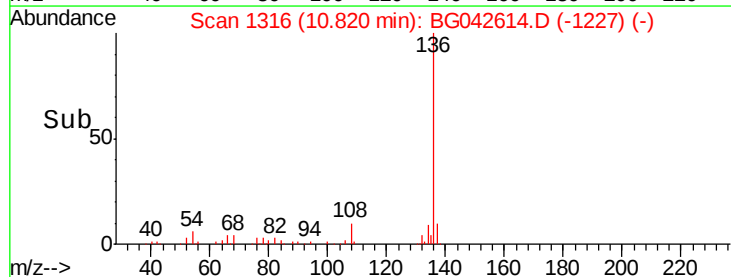
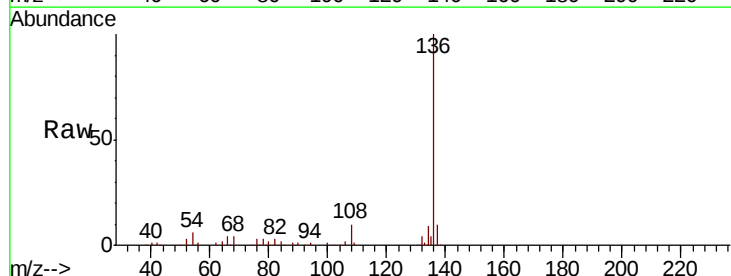
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 23046
Ion Ratio Lower Upper
70 100
42 43.4 38.8 58.2
101 0.0 9.0 13.6#
130 2.2 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Tgt Ion: 136 Resp: 126353
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 5.5 4.9 7.3
68 3.7 3.6 5.4

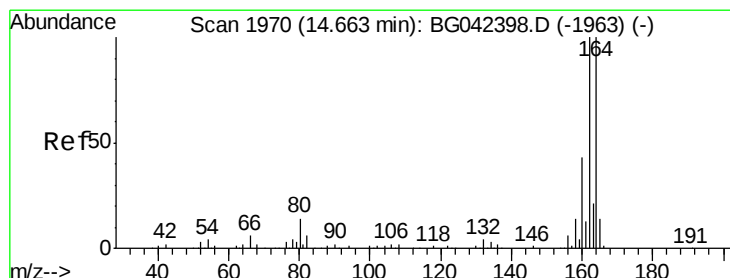
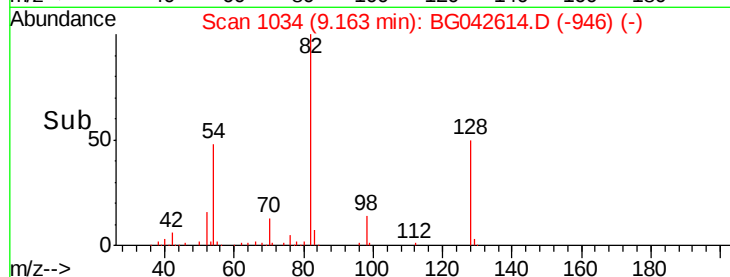
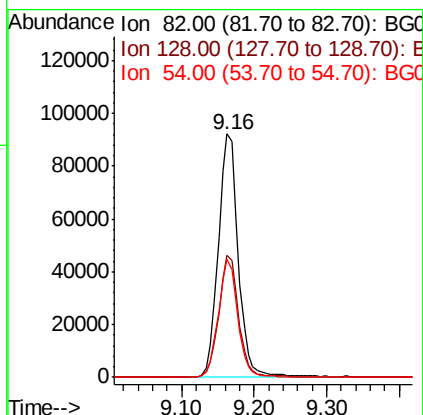
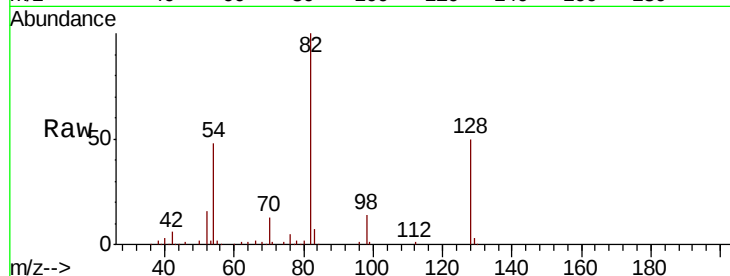




#23
 Nitrobenzene-d5
 Concen: 96.781 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042614.D
 Acq: 30 Aug 2019 23:50

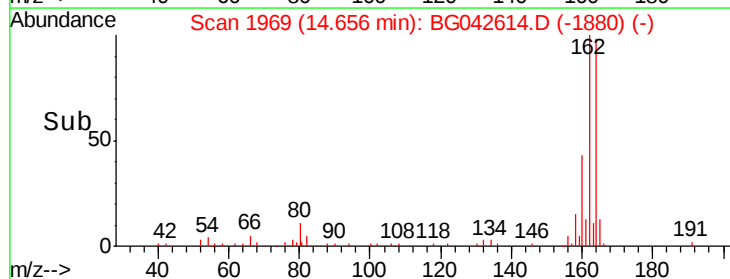
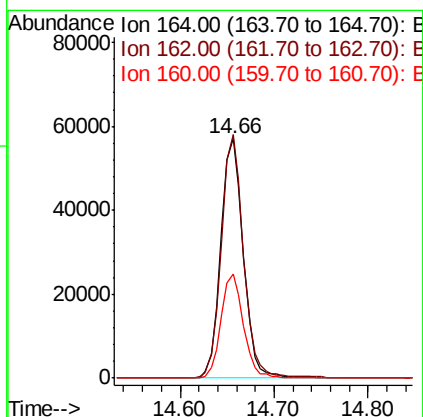
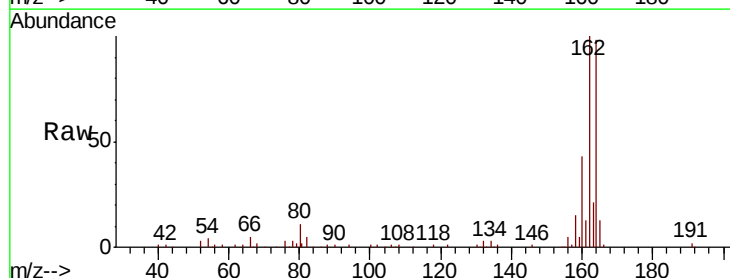
Instrument :
 BNA_G
 ClientSampleId :

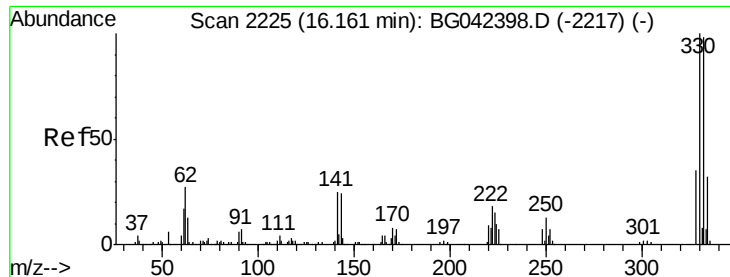
Tot Ion: 82 Resp: 176959
 Ion Ratio Lower Upper
 82 100
 128 50.0 40.7 61.1
 54 48.4 36.3 54.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG042614.D
 Acq: 30 Aug 2019 23:50

Tgt Ion:164 Resp: 95484
 Ion Ratio Lower Upper
 164 100
 162 101.7 79.9 119.9
 160 43.5 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 145.160 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042614.D

Acq: 30 Aug 2019 23:50

Instrument :

BNA_G

ClientSampleId :

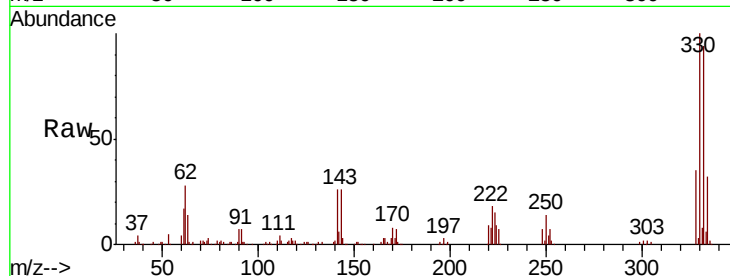
Tot Ion:330 Resp: 197004

Ion Ratio Lower Upper

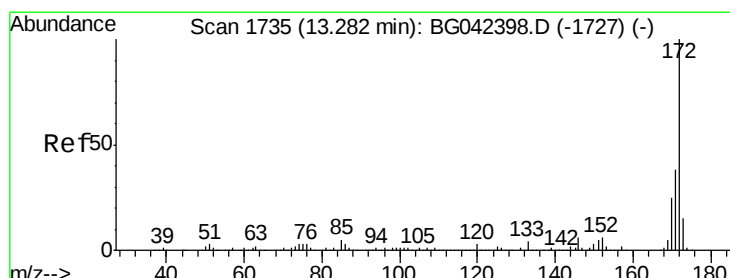
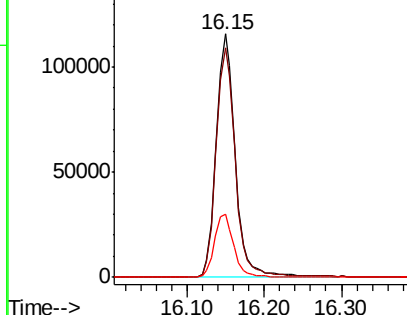
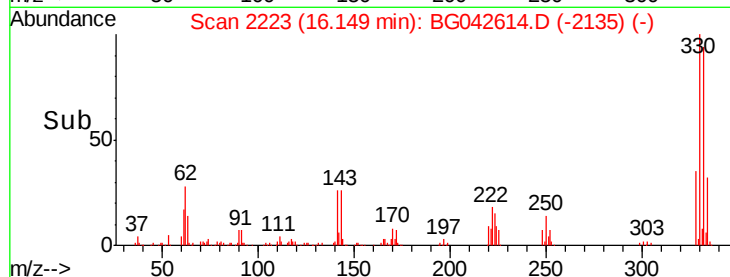
330 100

332 95.3 77.4 116.0

141 26.4 21.4 32.0



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: 86.109 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042614.D

Acq: 30 Aug 2019 23:50

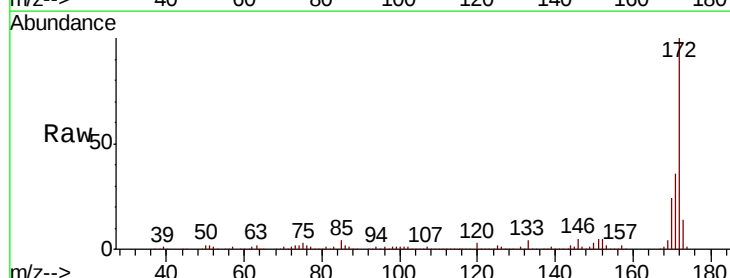
Tgt Ion:172 Resp: 486143

Ion Ratio Lower Upper

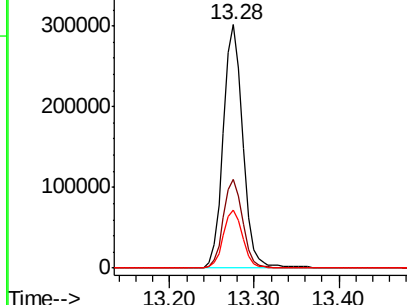
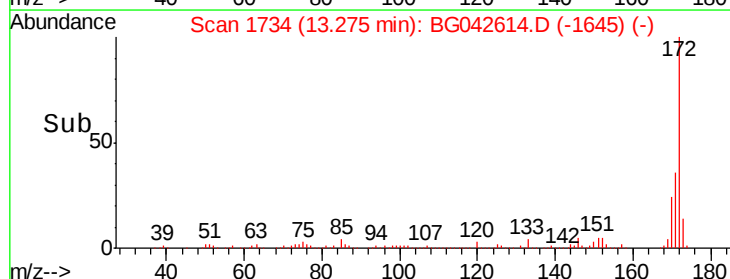
172 100

171 36.3 30.5 45.7

170 23.6 20.2 30.2



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: 7.782 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042614.D

Acq: 30 Aug 2019 23:50

Instrument :

BNA_G

ClientSampleId :

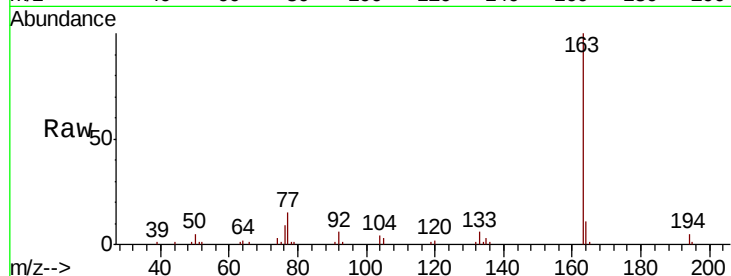
Tot Ion:163 Resp: 53612

Ion Ratio Lower Upper

163 100

194 5.1 4.2 6.2

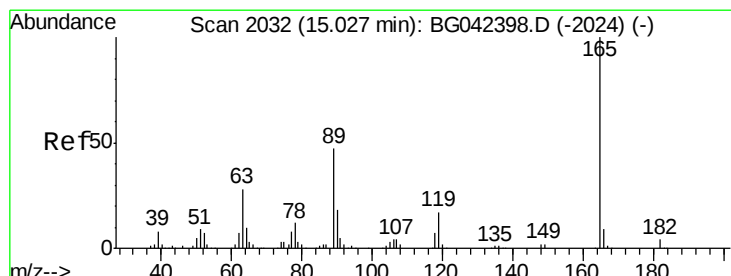
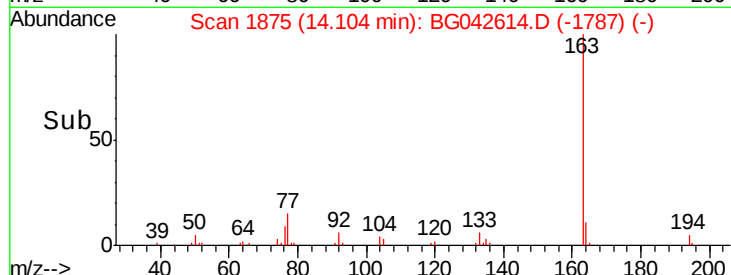
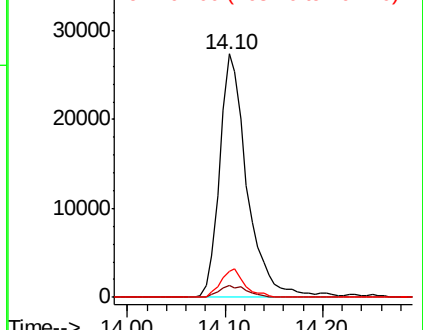
164 10.6 8.8 13.2



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: 5.381 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.37 min

Lab File: BG042614.D

Acq: 30 Aug 2019 23:50

Tgt Ion:165 Resp: 12305

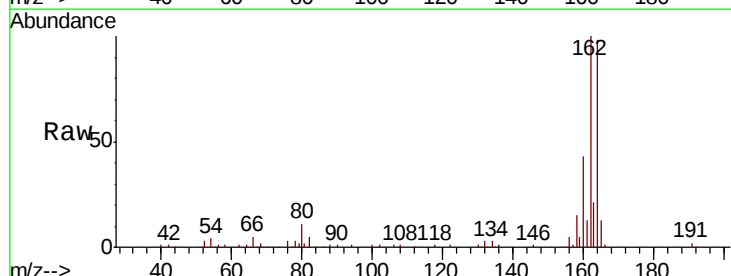
Ion Ratio Lower Upper

165 100

63 0.0 22.5 33.7#

89 0.0 37.8 56.6#

182 0.0 3.0 4.4#

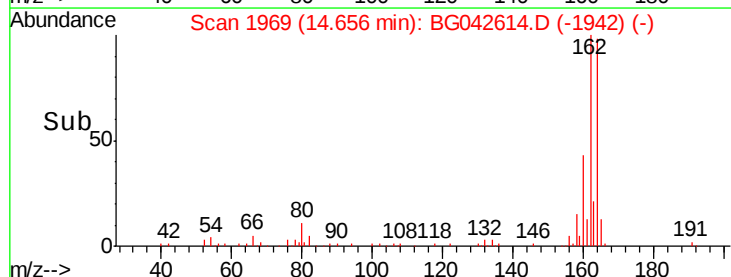
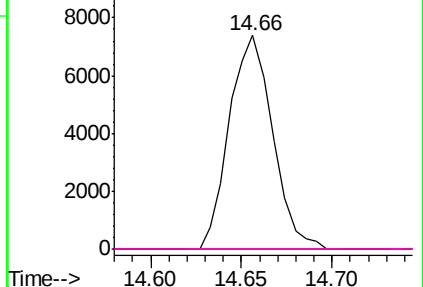


Abundance Ion 165.00 (164.70 to 165.70): E

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

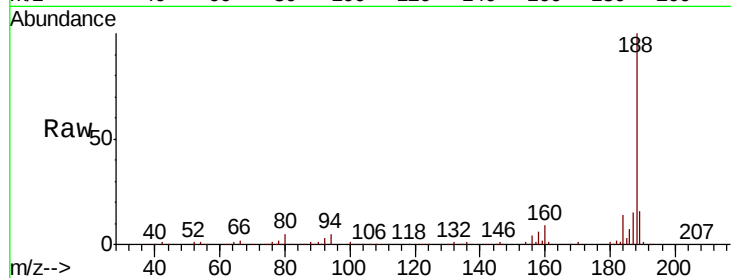




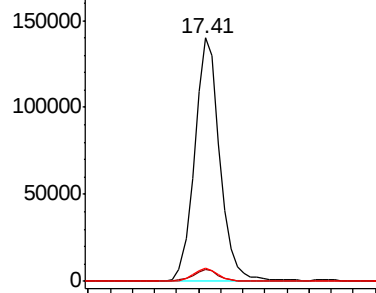
#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2437
 Delta R.T. -0.01 min
 Lab File: BG042614.D
 Acq: 30 Aug 2019 23:50

Instrument :
 BNA_G
 ClientSampleId :

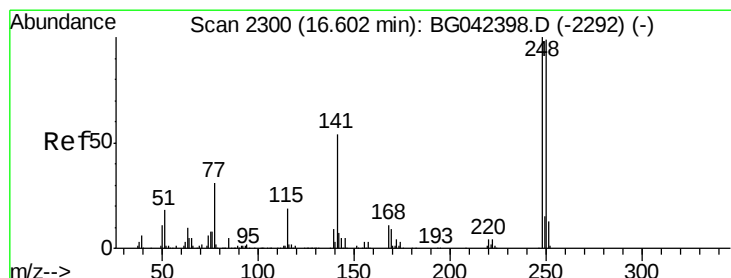
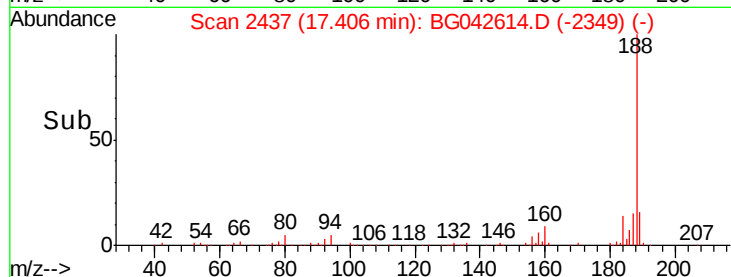
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.0	4.5	6.7
80	5.5	4.9	7.3



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

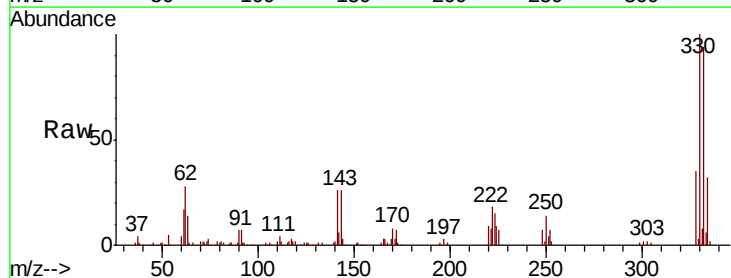


Time--> 17.30 17.40 17.50

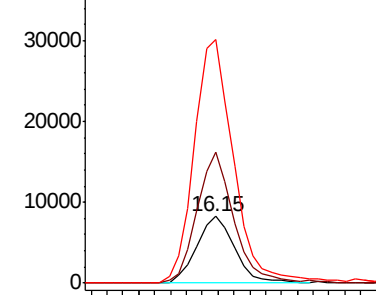


#67
 4-Bromophenyl-phenylether
 Concen: 4.830 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.45 min
 Lab File: BG042614.D
 Acq: 30 Aug 2019 23:50

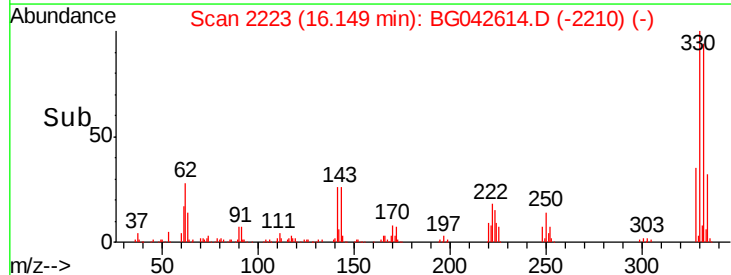
Tgt Ion	Ratio	Lower	Upper
248	100		
250	197.7	78.9	118.3#
141	365.8	43.3	64.9#



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



Time--> 16.10 16.15 16.20





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042614.D

Acq: 30 Aug 2019 23:50

Instrument :

BNA_G

ClientSampleId :

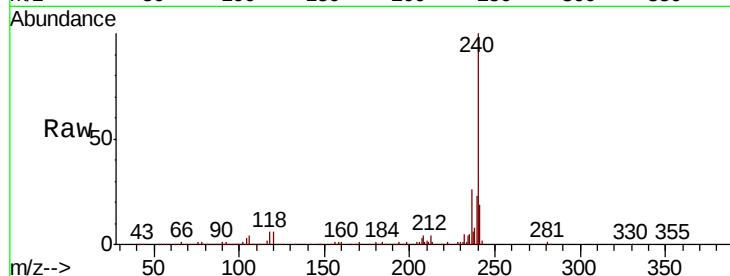
Tot Ion:240 Resp: 237497

Ion Ratio Lower Upper

240 100

120 6.1 5.7 8.5

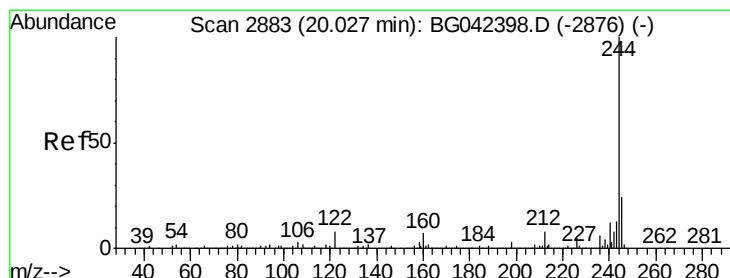
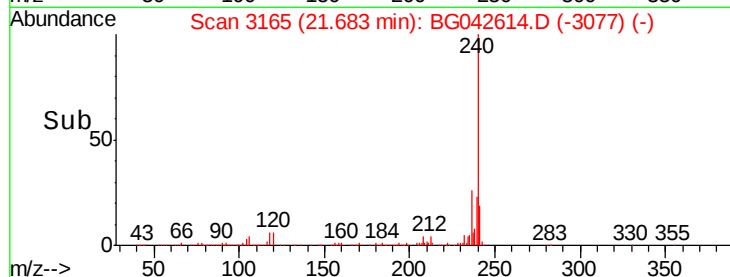
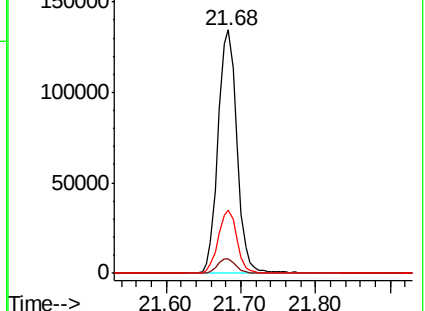
236 26.0 21.0 31.4



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: 76.552 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042614.D

Acq: 30 Aug 2019 23:50

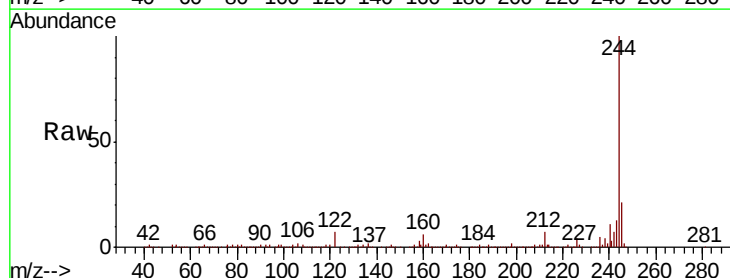
Tgt Ion:244 Resp: 840963

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

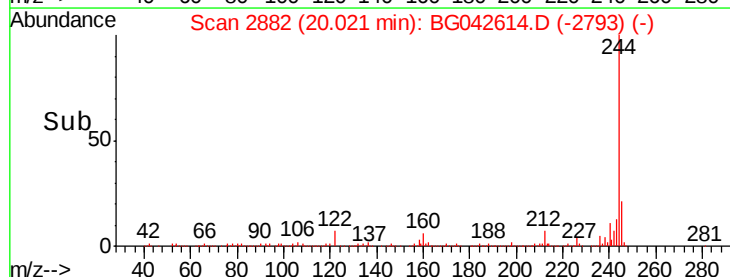
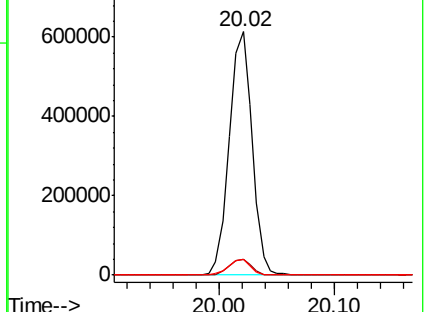
122 6.6 6.7 10.1#

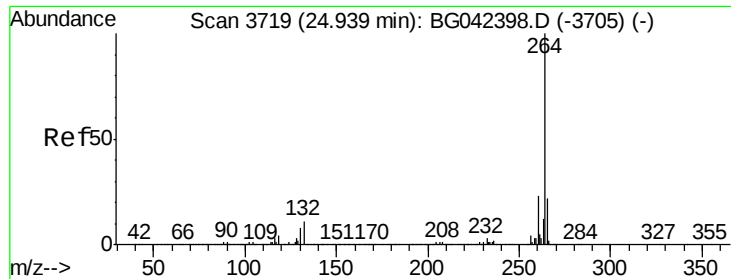


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.91 min Scan# 3715
Delta R.T. -0.02 min
Lab File: BG042614.D
Acq: 30 Aug 2019 23:50

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.5	27.7
265	22.9	17.6	26.4

