

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042613.D
 Acq On : 30 Aug 2019 23:11
 Operator : HP/JU
 Sample : K4618-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 31 01:42:24 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

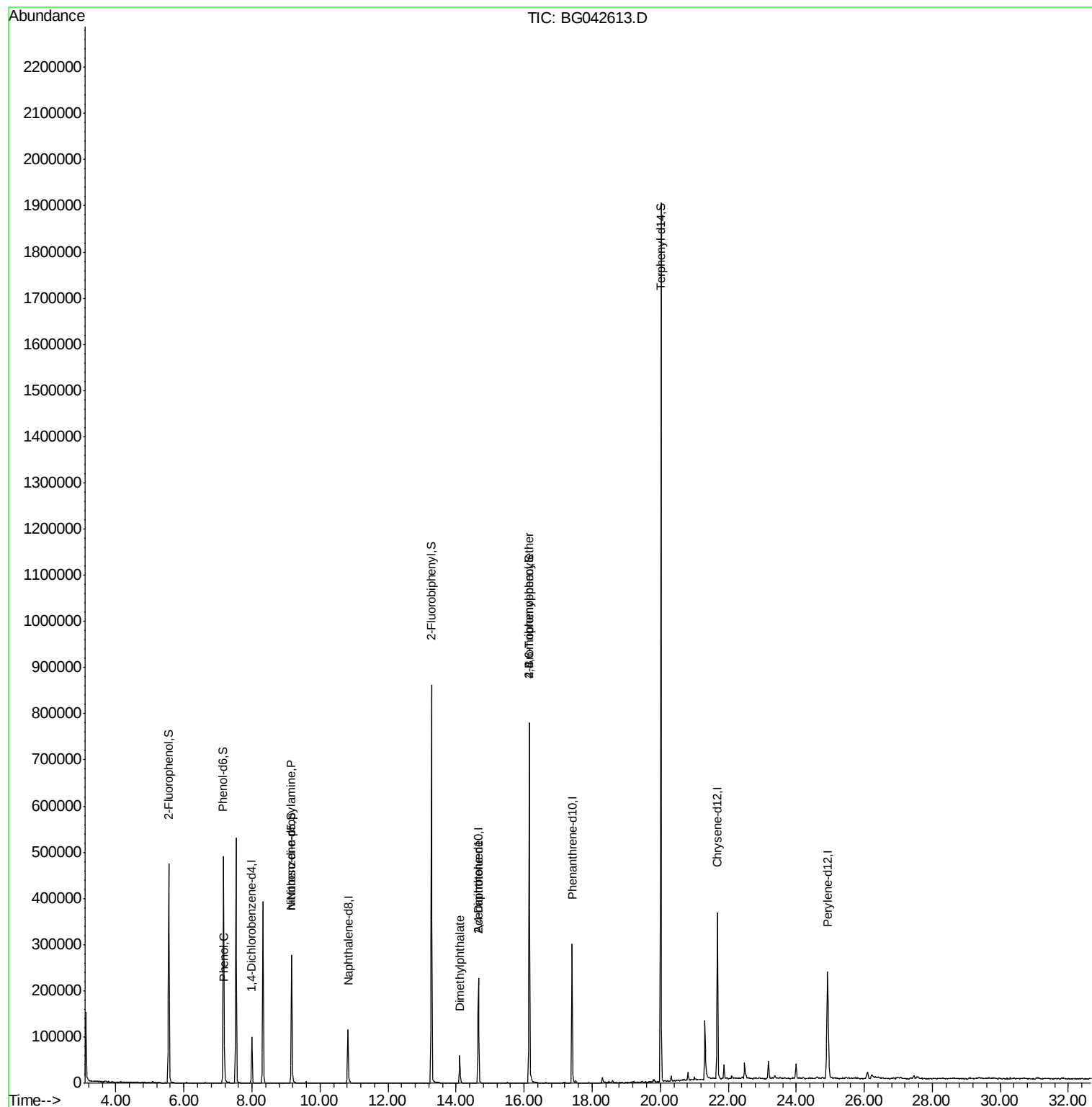
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	33120	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	128879	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	97334	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	226871	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	242375	20.00	ng	-0.01
87) Perylene-d12	24.92	264	282446	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	241898	147.92	ng	0.00
7) Phenol-d6	7.16	99	323911	146.64	ng	-0.01
23) Nitrobenzene-d5	9.16	82	183517	98.40	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	205896	148.83	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	533629	92.72	ng	0.00
79) Terphenyl-d14	20.02	244	1024029	91.34	ng	0.00
Target Compounds						
10) Phenol	7.19	94	26821	11.942	ng	91
19) n-Nitroso-di-n-propylamine	9.16	70	23527	16.440	ng	# 80
50) Dimethylphthalate	14.10	163	58978	8.398	ng	99
57) 2,4-Dinitrotoluene	14.66	165	12731	5.461	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	13982	4.859	ng	# 1

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042613.D
Acq On : 30 Aug 2019 23:11
Operator : HP/JU
Sample : K4618-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Aug 31 01:42:24 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



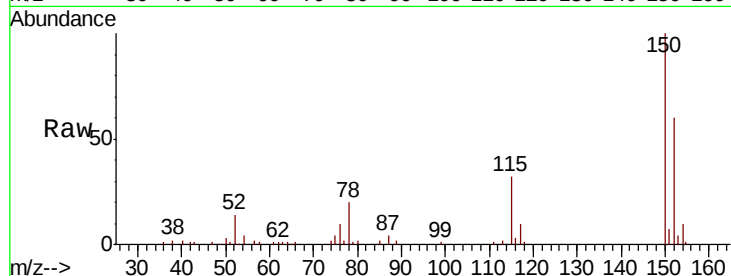


#1

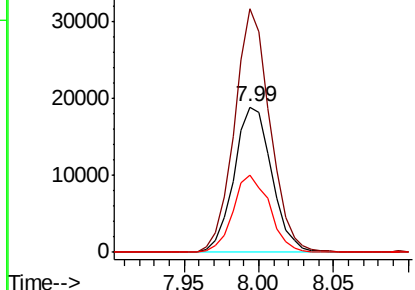
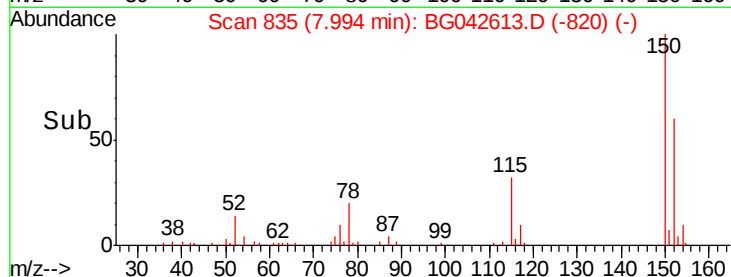
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042613.D
Acq: 30 Aug 2019 23:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33120
Ion Ratio Lower Upper
152 100
150 167.8 125.4 188.0
115 53.4 38.5 57.7



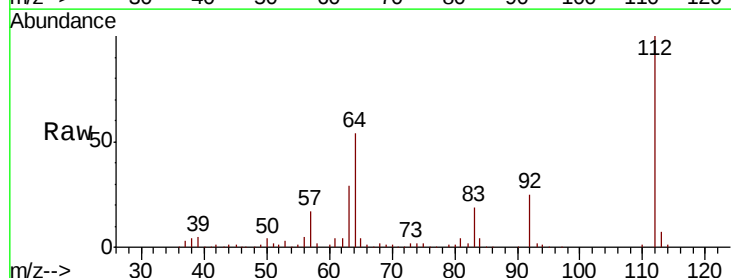
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



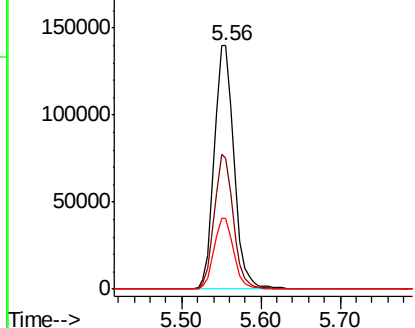
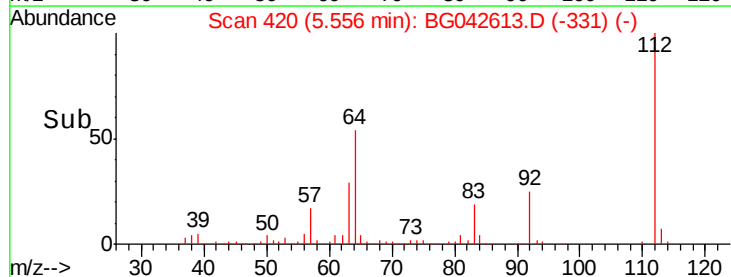
#5

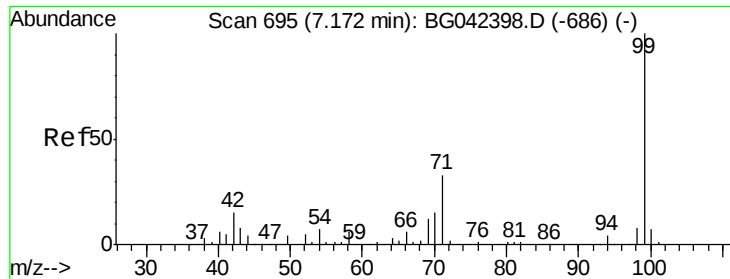
2-Fluorophenol
Concen: 147.921 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042613.D
Acq: 30 Aug 2019 23:11

Tgt Ion:112 Resp: 241898
Ion Ratio Lower Upper
112 100
64 53.5 42.8 64.2
63 28.9 22.7 34.1



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





#7

Phenol-d6

Concen: 146.636 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042613.D

Acq: 30 Aug 2019 23:11

Instrument :

BNA_G

ClientSampled :

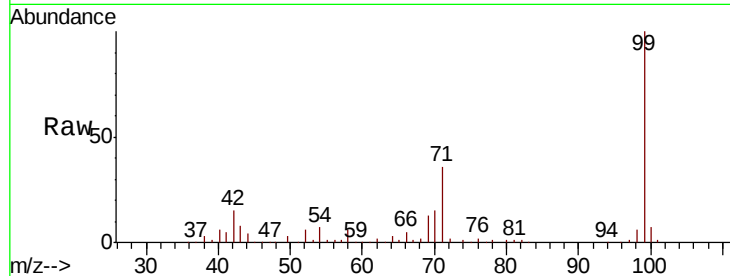
Tot Ion: 99 Resp: 323911

Ion Ratio Lower Upper

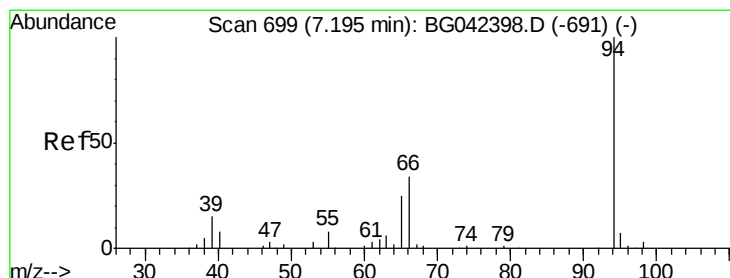
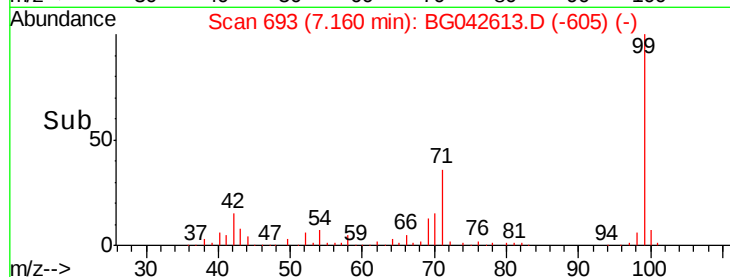
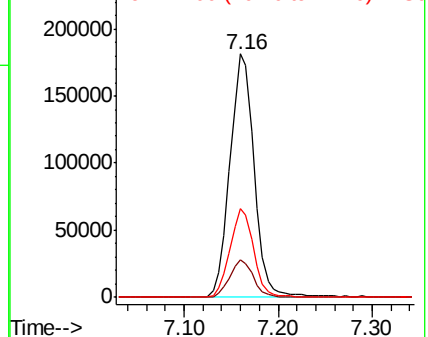
99 100

42 15.4 12.0 18.0

71 36.2 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: 11.942 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042613.D

Acq: 30 Aug 2019 23:11

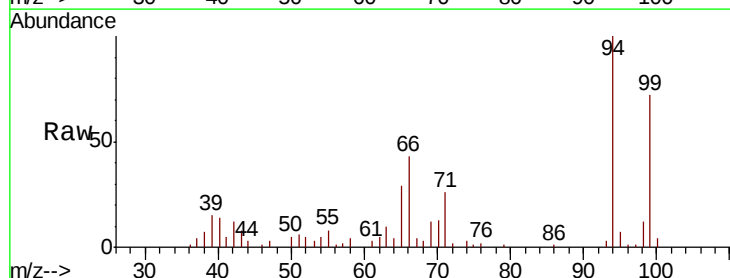
Tgt Ion: 94 Resp: 26821

Ion Ratio Lower Upper

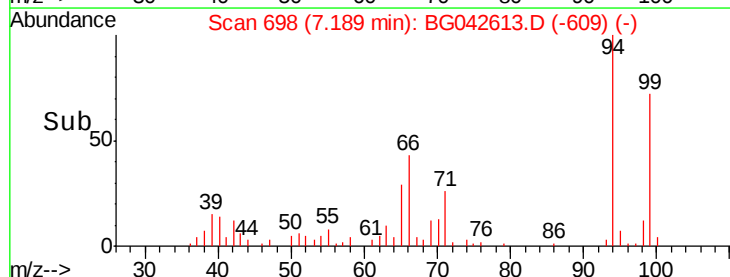
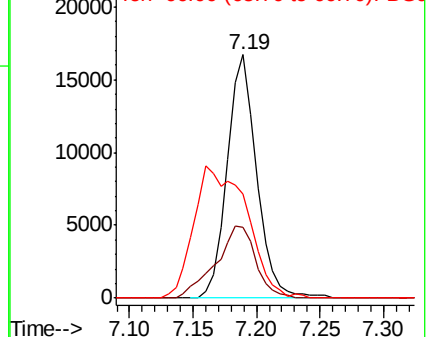
94 100

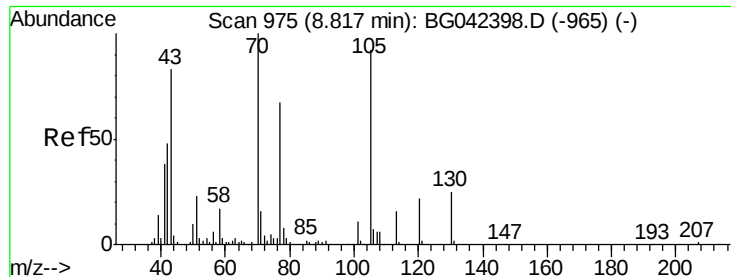
65 28.9 5.6 45.6

66 42.8 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

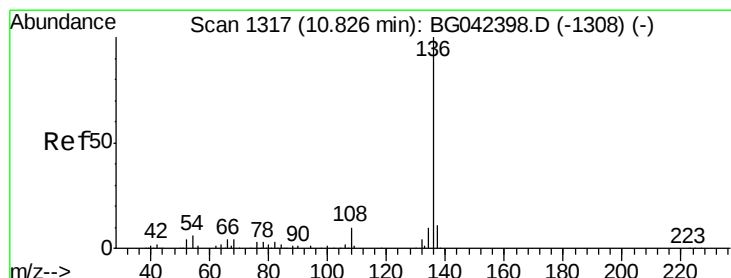
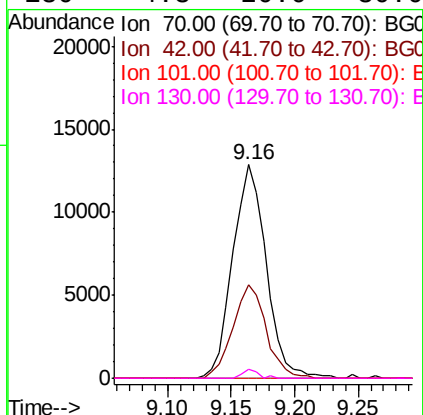
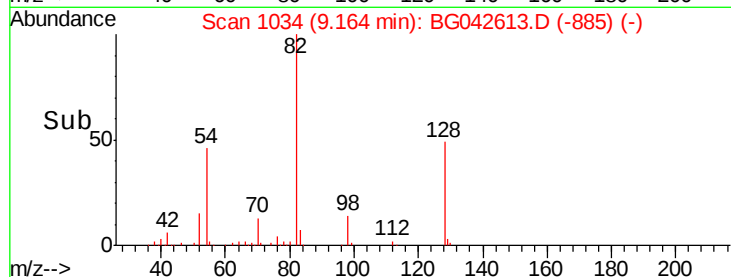
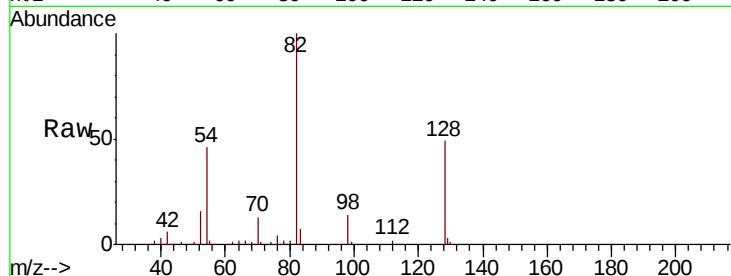




#19
n-Nitroso-di-n-propylamine
Concen: 16.440 ng
RT: 9.16 min Scan# 1034
Delta R.T. 0.35 min
Lab File: BG042613.D
Acq: 30 Aug 2019 23:11

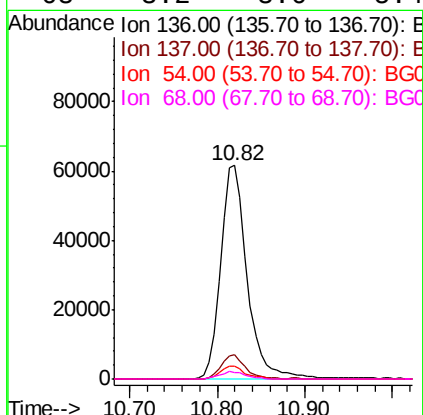
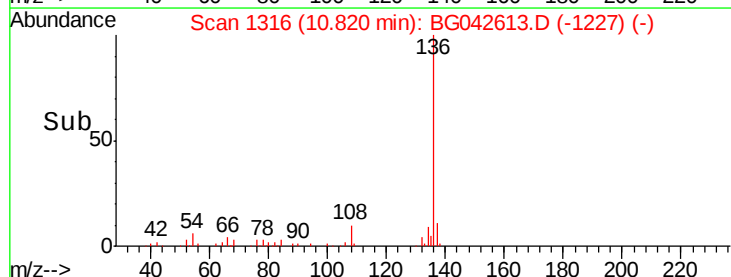
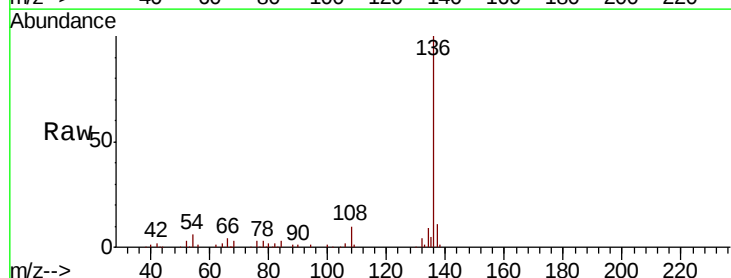
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 23527
Ion Ratio Lower Upper
70 100
42 43.6 38.8 58.2
101 0.0 9.0 13.6#
130 4.3 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: BG042613.D
Acq: 30 Aug 2019 23:11

Tgt Ion: 136 Resp: 128879
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 6.1 4.9 7.3
68 3.2 3.6 5.4#

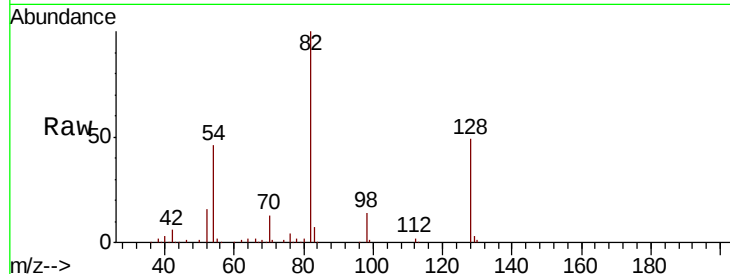




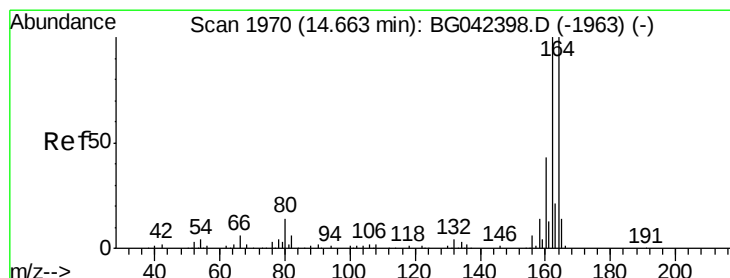
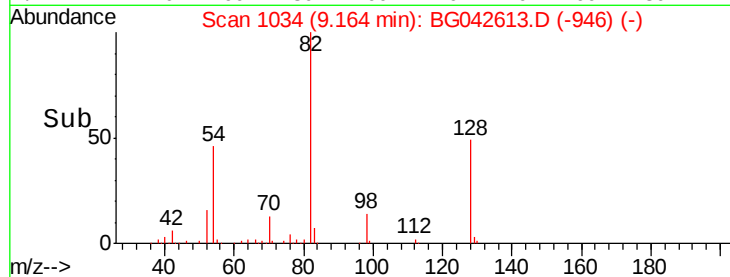
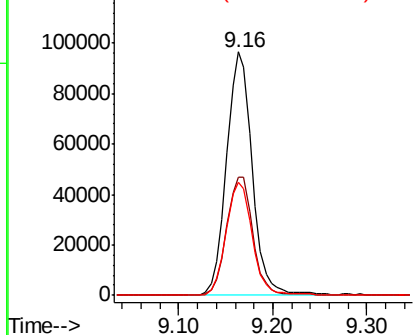
#23
Nitrobenzene-d5
Concen: 98.400 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042613.D
Acq: 30 Aug 2019 23:11

Instrument :
BNA_G
ClientSampleId :

Tot Ion: 82 Resp: 183517
Ion Ratio Lower Upper
82 100
128 48.7 40.7 61.1
54 46.2 36.3 54.5

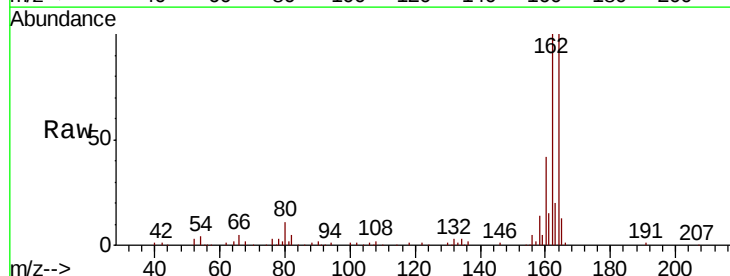


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

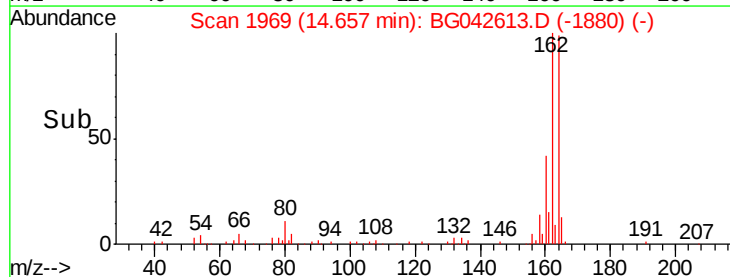
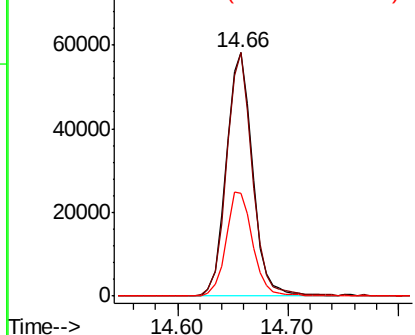


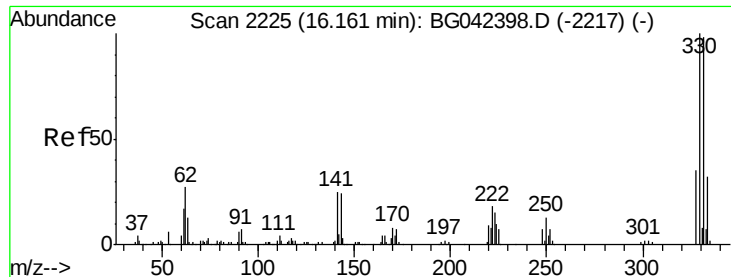
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042613.D
Acq: 30 Aug 2019 23:11

Tgt Ion:164 Resp: 97334
Ion Ratio Lower Upper
164 100
162 99.9 79.9 119.9
160 42.0 34.3 51.5



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





#42

2,4,6-Tribromophenol

Concen: 148.829 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042613.D

Acq: 30 Aug 2019 23:11

Instrument :

BNA_G

ClientSampleId :

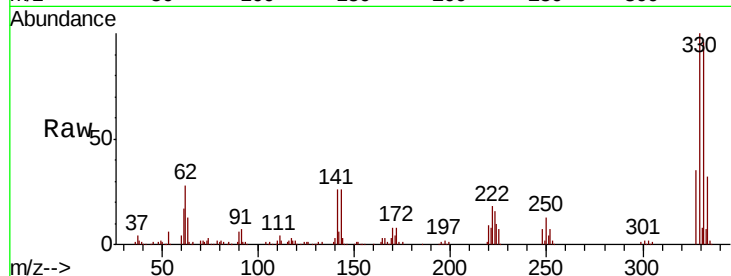
Tot Ion:330 Resp: 205896

Ion Ratio Lower Upper

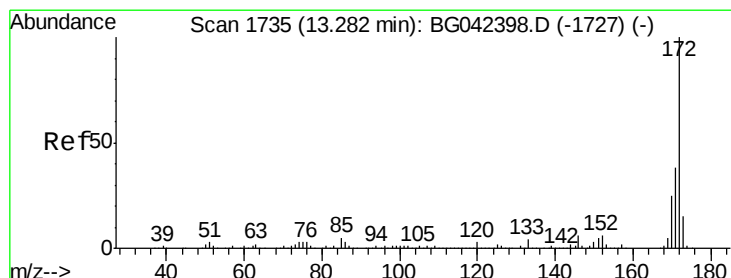
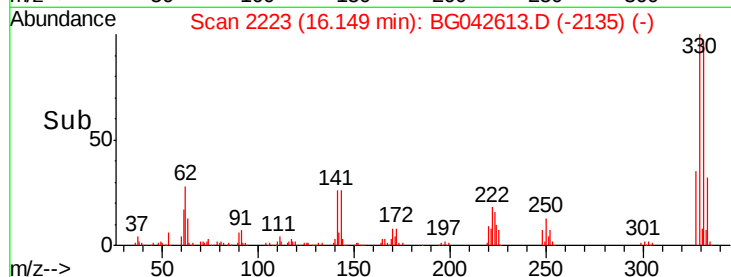
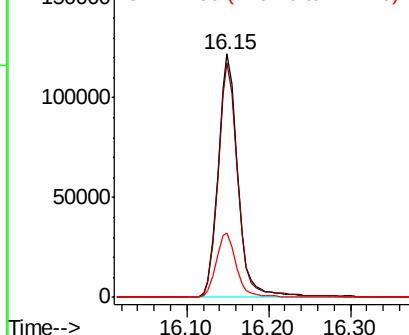
330 100

332 97.0 77.4 116.0

141 27.2 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: 92.724 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042613.D

Acq: 30 Aug 2019 23:11

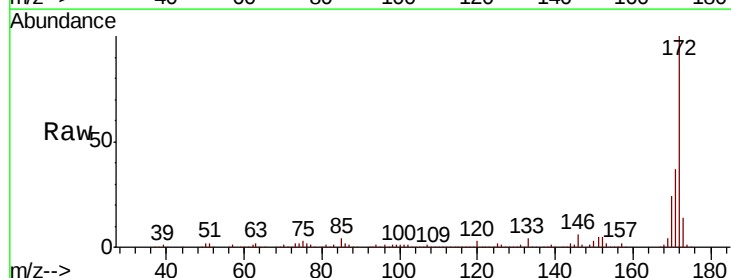
Tgt Ion:172 Resp: 533629

Ion Ratio Lower Upper

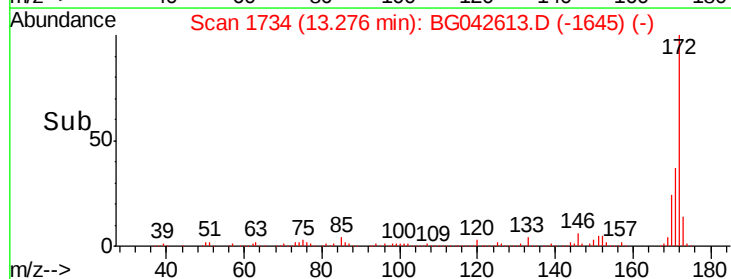
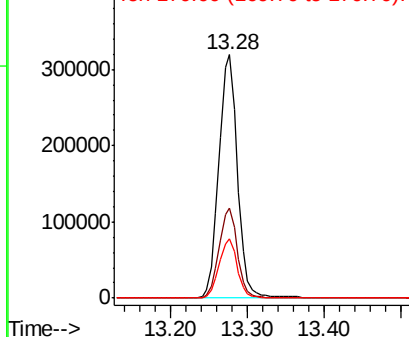
172 100

171 36.9 30.5 45.7

170 24.4 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: 8.398 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG042613.D

Acq: 30 Aug 2019 23:11

Instrument :

BNA_G

ClientSampleId :

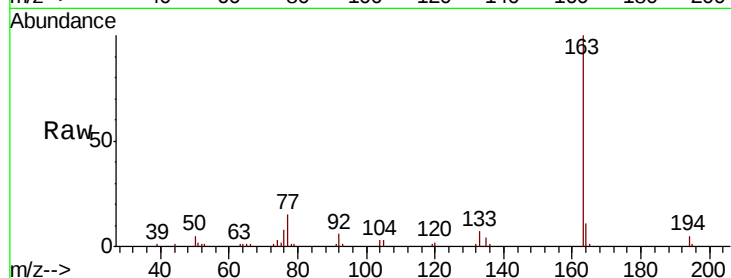
Tot Ion:163 Resp: 58978

Ion Ratio Lower Upper

163 100

194 5.4 4.2 6.2

164 11.2 8.8 13.2

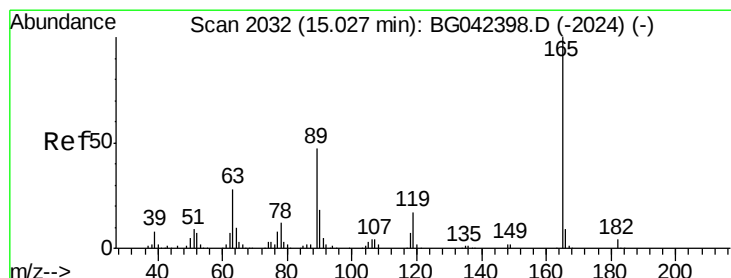
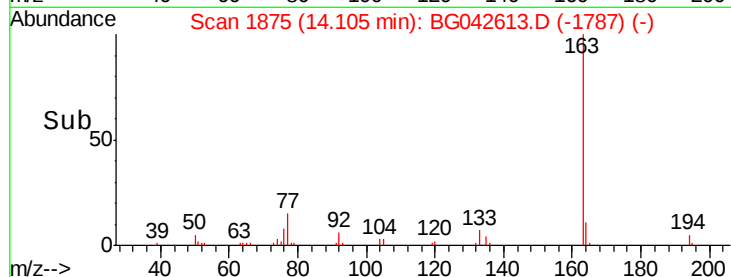
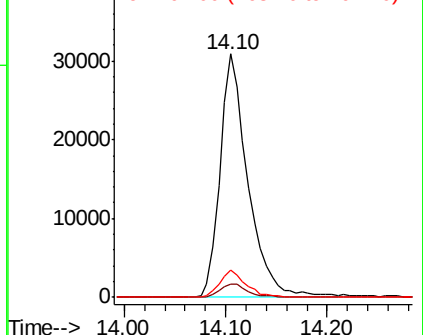


Abundance

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: 5.461 ng

RT: 14.66 min Scan# 1969

Delta R.T. -0.37 min

Lab File: BG042613.D

Acq: 30 Aug 2019 23:11

Tgt Ion:165 Resp: 12731

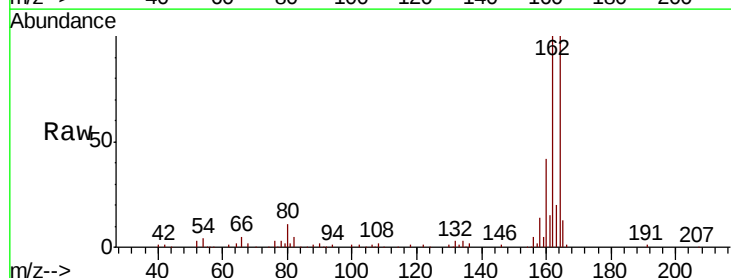
Ion Ratio Lower Upper

165 100

63 0.0 22.5 33.7#

89 0.0 37.8 56.6#

182 0.0 3.0 4.4#



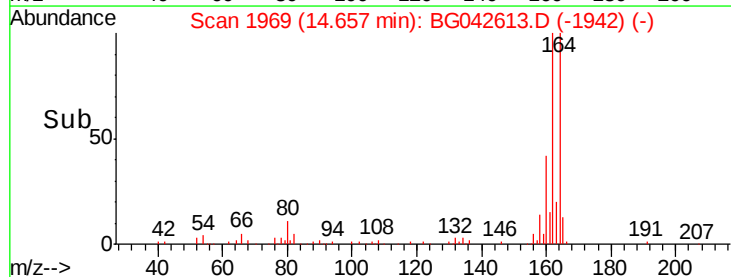
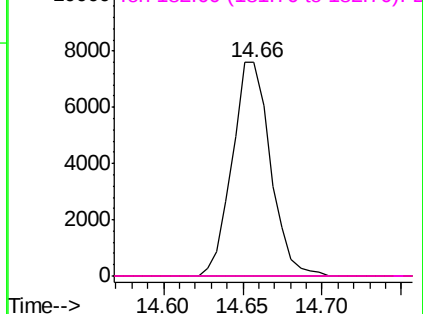
Abundance

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: BG042613.D

Acq: 30 Aug 2019 23:11

Instrument :

BNA_G

ClientSampleId :

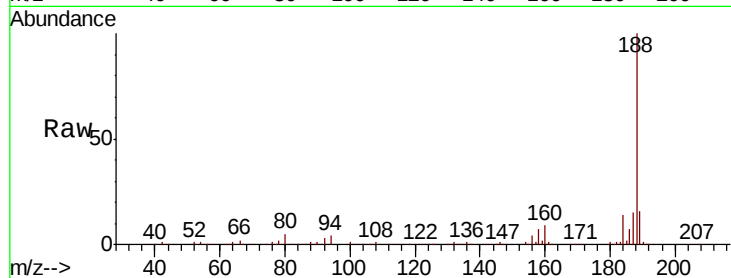
Tot Ion:188 Resp: 226871

Ion Ratio Lower Upper

188 100

94 4.4 4.5 6.7#

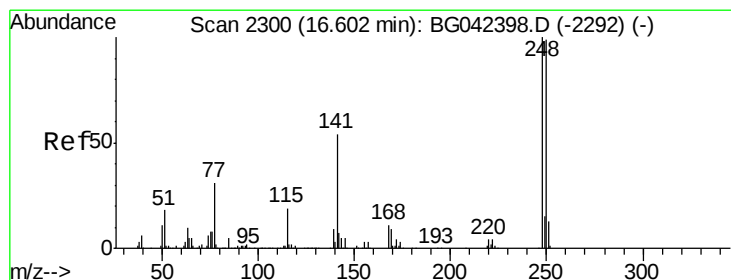
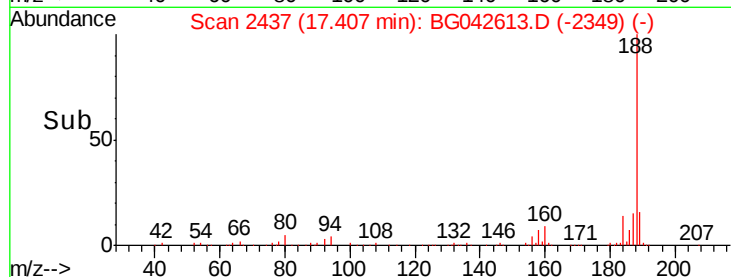
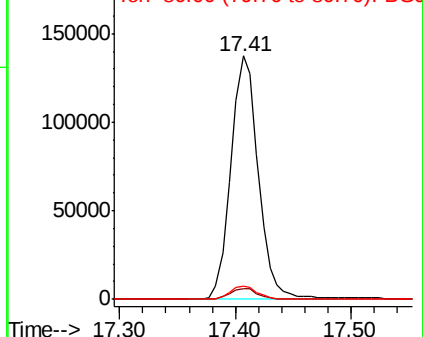
80 5.3 4.9 7.3



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



#67

4-Bromophenyl-phenylether

Concen: 4.859 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042613.D

Acq: 30 Aug 2019 23:11

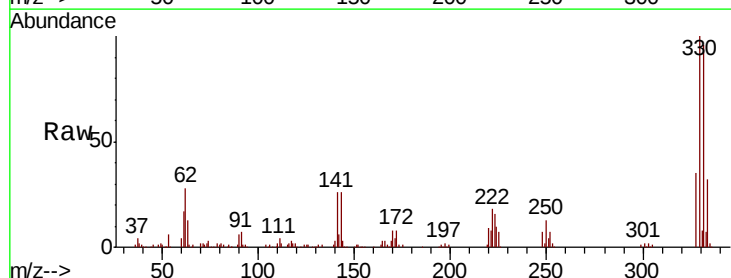
Tgt Ion:248 Resp: 13982

Ion Ratio Lower Upper

248 100

250 192.1 78.9 118.3#

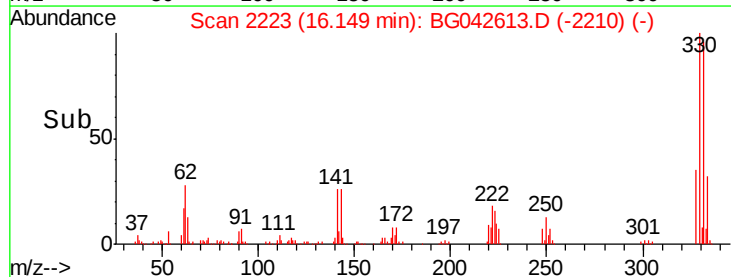
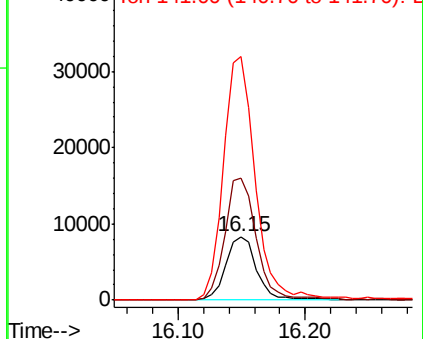
141 385.0 43.3 64.9#



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

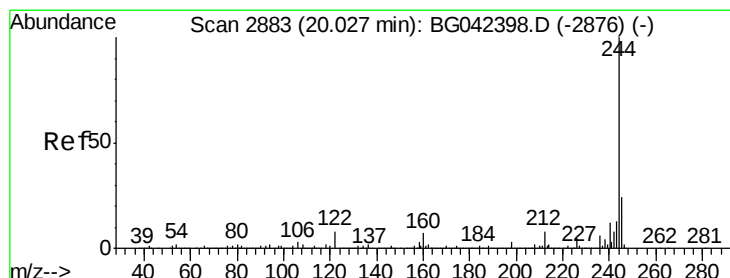
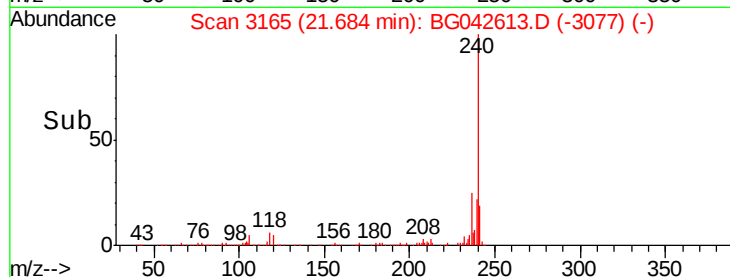
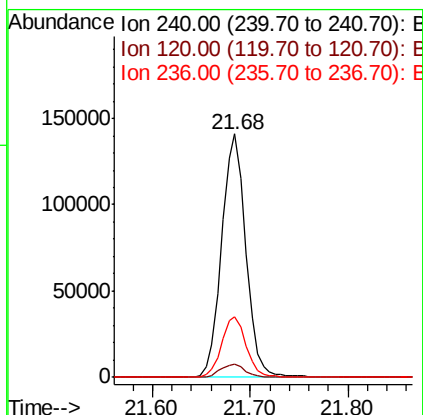
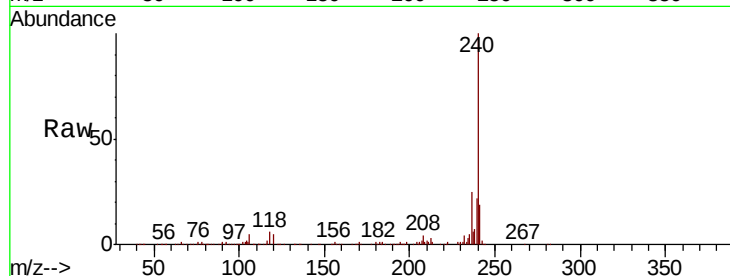




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.68 min Scan# 3165
 Delta R.T. -0.01 min
 Lab File: BG042613.D
 Acq: 30 Aug 2019 23:11

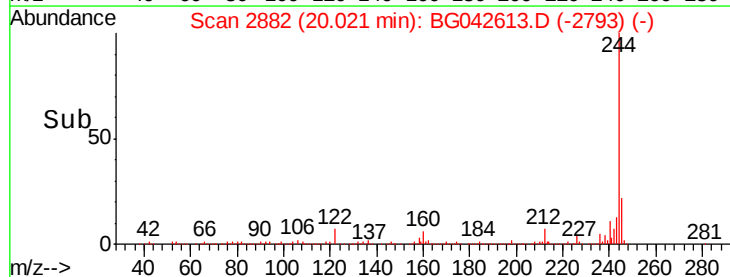
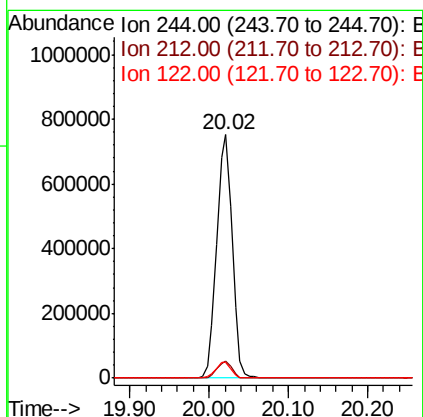
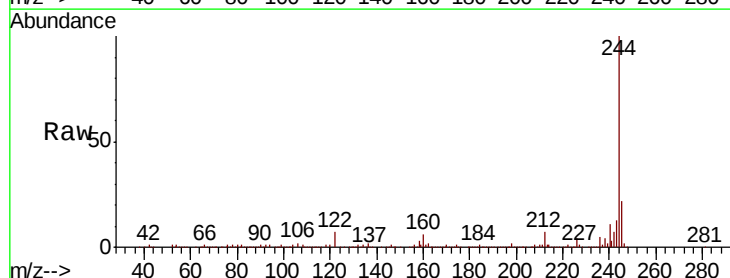
Instrument :
 BNA_G
 ClientSampleId :

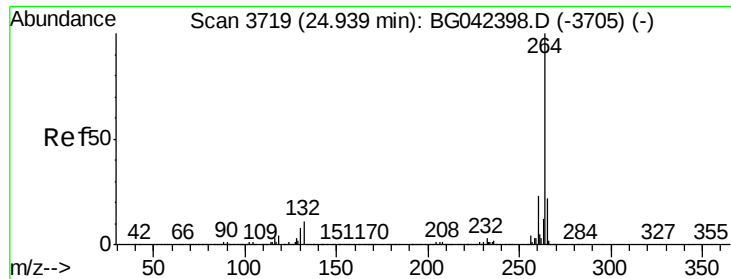
Tot Ion:240 Resp: 242375
 Ion Ratio Lower Upper
 240 100
 120 5.3 5.7 8.5#
 236 25.0 21.0 31.4



#79
 Terphenyl-d14
 Concen: 91.341 ng
 RT: 20.02 min Scan# 2882
 Delta R.T. -0.01 min
 Lab File: BG042613.D
 Acq: 30 Aug 2019 23:11

Tgt Ion:244 Resp: 1024029
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 6.6 6.7 10.1#





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3716
 Delta R.T. -0.02 min
 Lab File: BG042613.D
 Acq: 30 Aug 2019 23:11

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.5	27.7
265	21.8	17.6	26.4

