

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042612.D
 Acq On : 30 Aug 2019 22:33
 Operator : HP/JU
 Sample : K4618-13
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 31 01:42:14 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

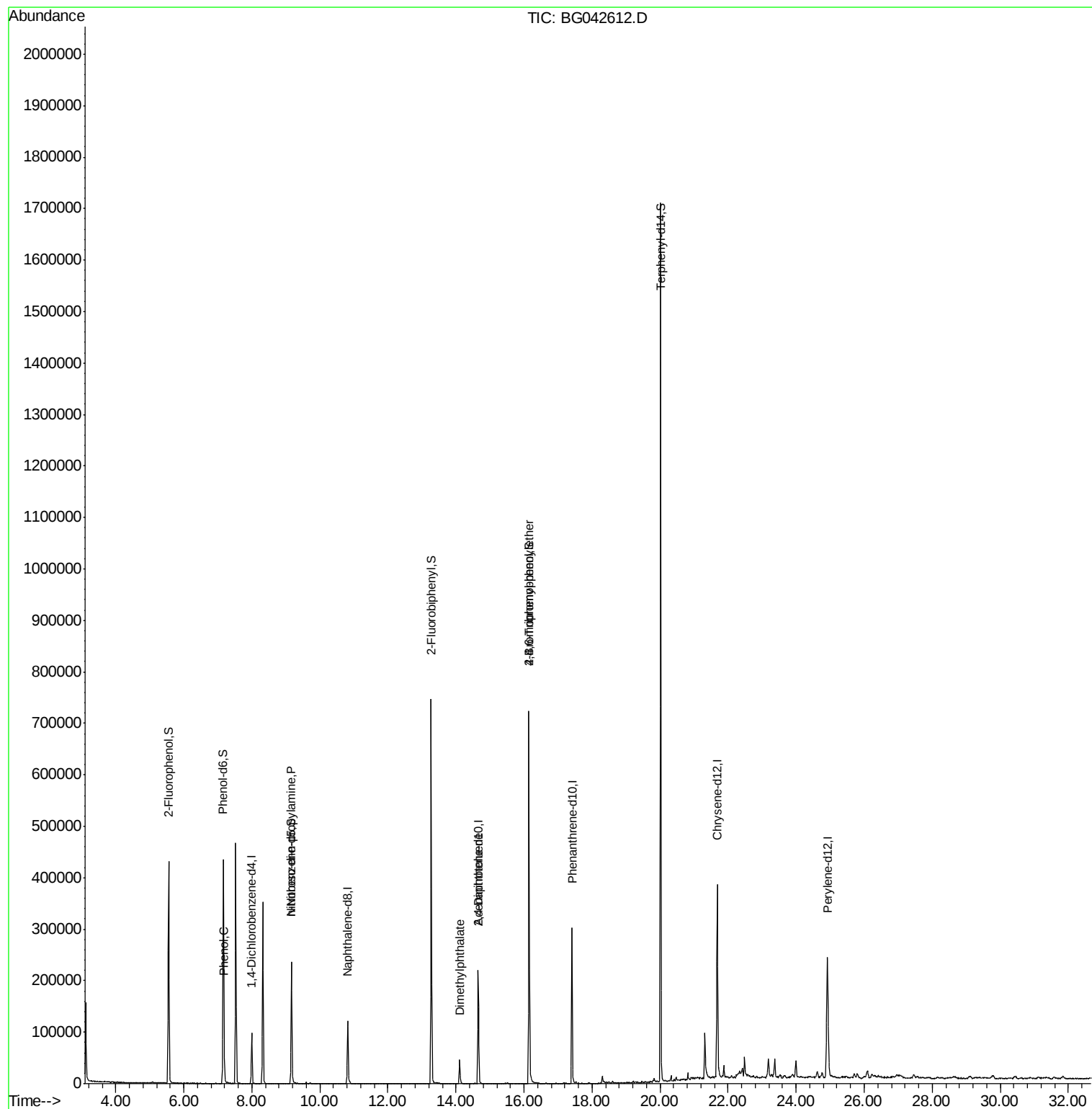
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33588	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	127950	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	96582	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	228073	20.00	ng	0.00
76) Chrysene-d12	21.68	240	246090	20.00	ng	-0.01
87) Perylene-d12	24.92	264	290103	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	215664	130.04	ng	0.00
7) Phenol-d6	7.16	99	290454	129.66	ng	0.00
23) Nitrobenzene-d5	9.17	82	160252	86.55	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	191342	139.39	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	451827	79.12	ng	0.00
79) Terphenyl-d14	20.02	244	899799	79.05	ng	0.00
Target Compounds						
10) Phenol	7.19	94	21988	9.654	ng	90
19) n-Nitroso-di-n-propylamine	9.16	70	20672	14.244	ng	# 77
50) Dimethylphthalate	14.11	163	49978	7.172	ng	97
57) 2,4-Dinitrotoluene	14.65	165	12716	5.497	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	13074	4.519	ng	# 1

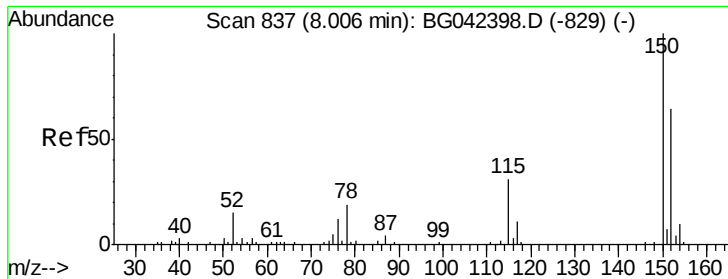
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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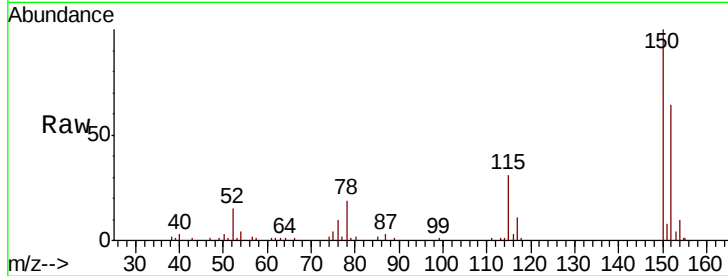


#1

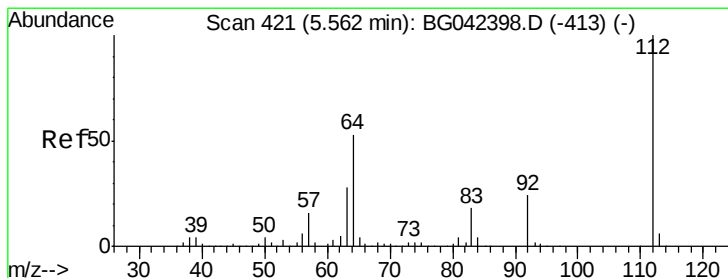
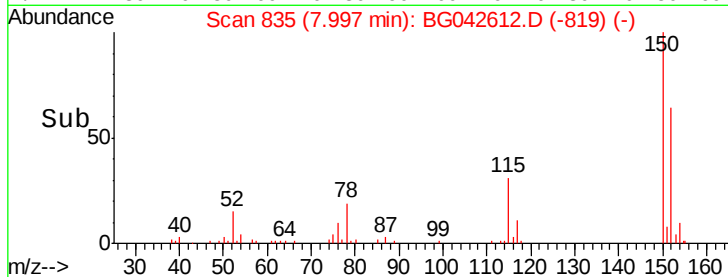
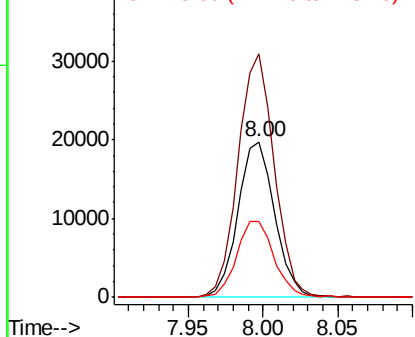
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33588
Ion Ratio Lower Upper
152 100
150 156.2 125.4 188.0
115 48.7 38.5 57.7



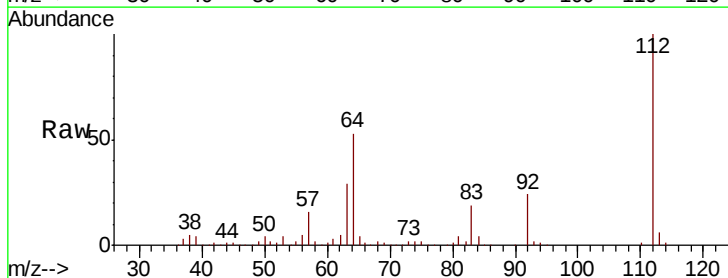
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



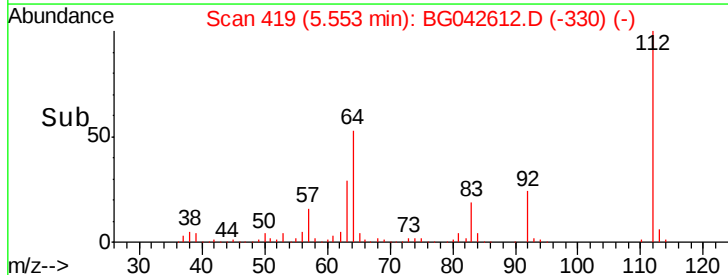
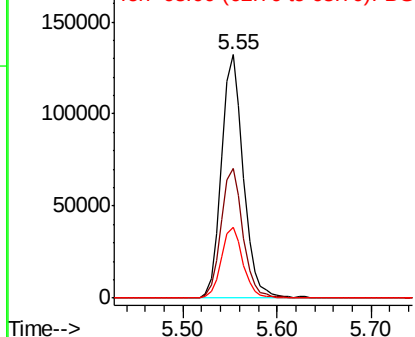
#5

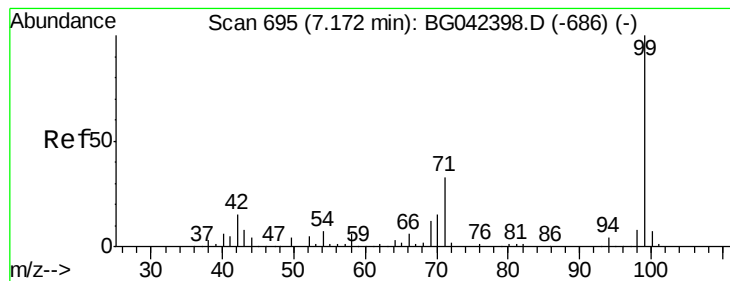
2-Fluorophenol
Concen: 130.041 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Tgt Ion:112 Resp: 215664
Ion Ratio Lower Upper
112 100
64 53.2 42.8 64.2
63 29.3 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: 129.658 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042612.D

Acq: 30 Aug 2019 22:33

Instrument :

BNA_G

ClientSampleId :

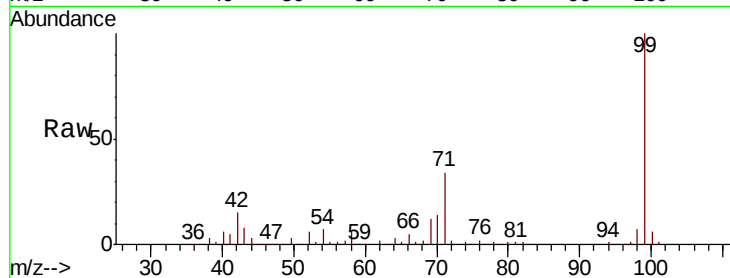
Tot Ion: 99 Resp: 290454

Ion Ratio Lower Upper

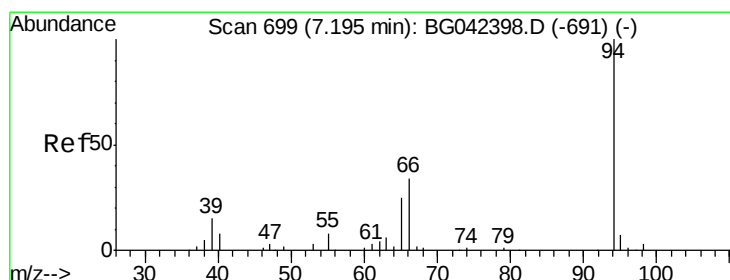
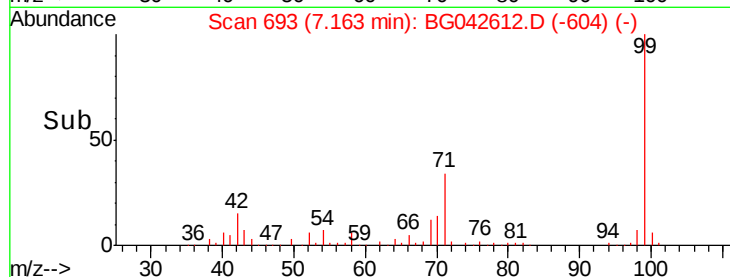
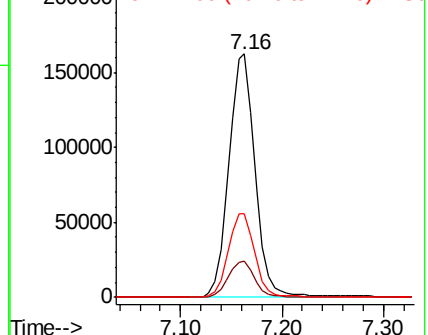
99 100

42 14.7 12.0 18.0

71 34.2 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: 9.654 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042612.D

Acq: 30 Aug 2019 22:33

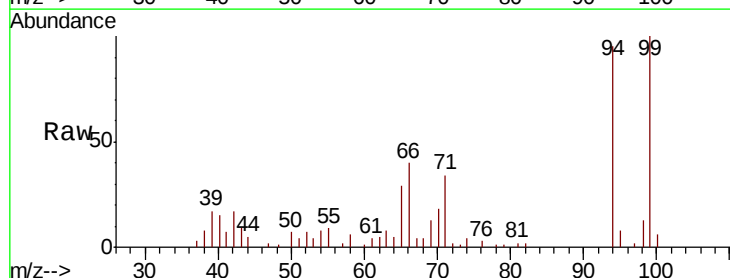
Tgt Ion: 94 Resp: 21988

Ion Ratio Lower Upper

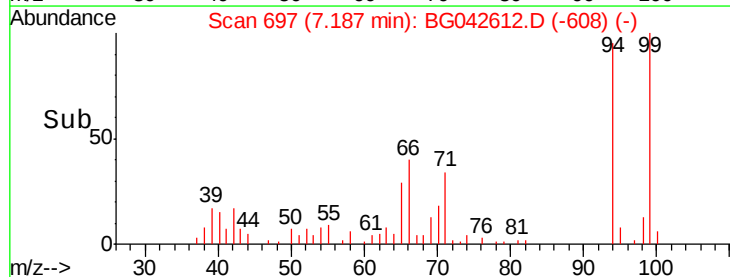
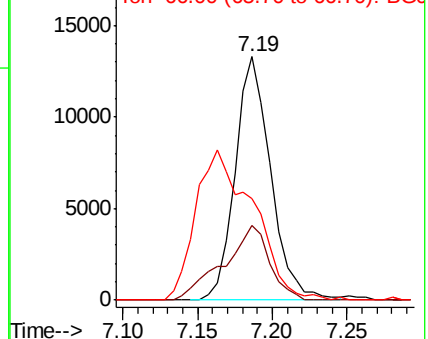
94 100

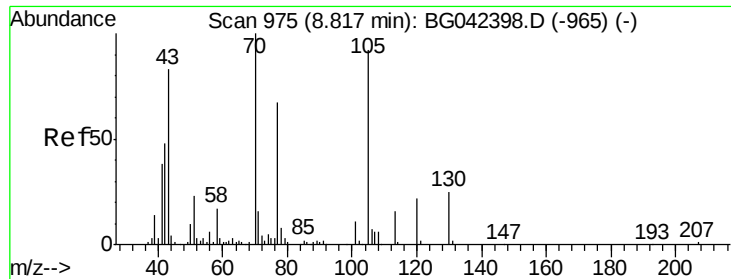
65 30.4 5.6 45.6

66 41.6 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

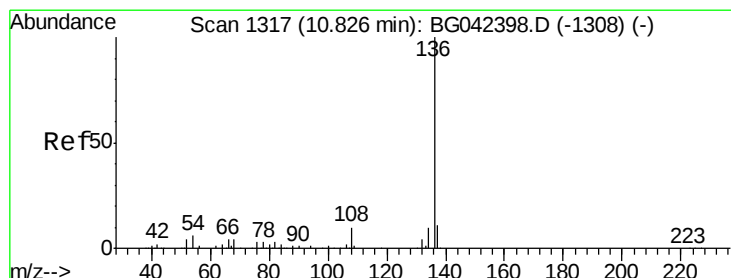
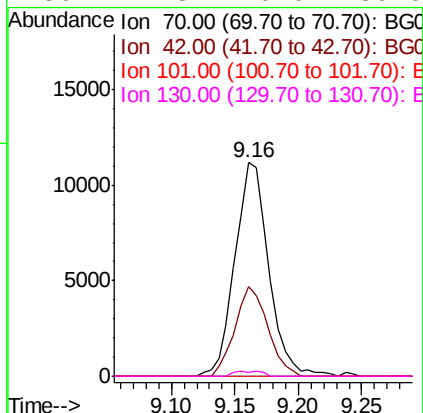
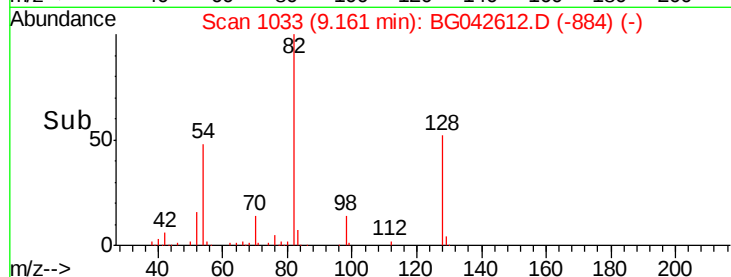
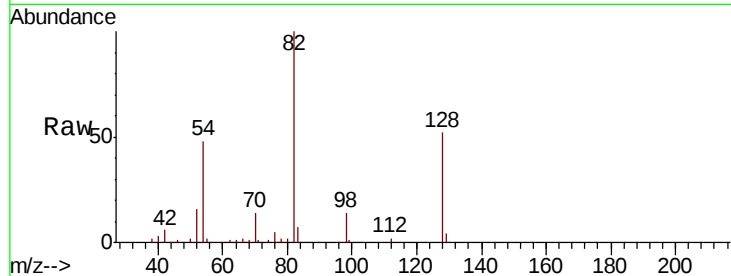




#19
n-Nitroso-di-n-propylamine
Concen: 14.244 ng
RT: 9.16 min Scan# 1033
Delta R.T. 0.34 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

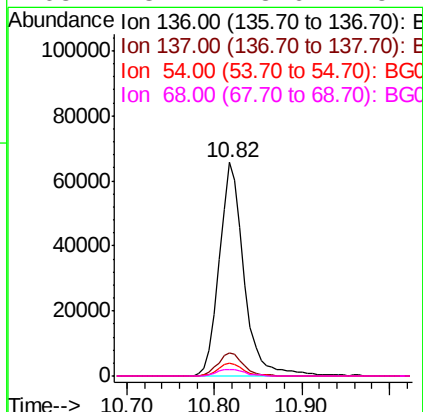
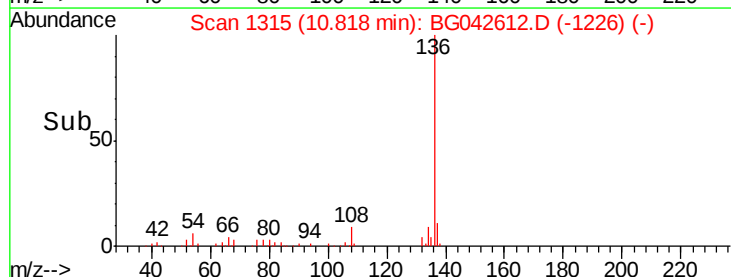
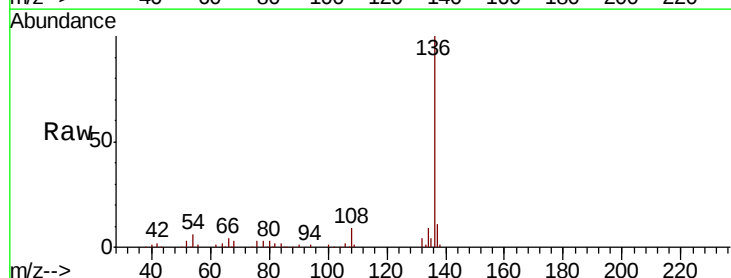
Instrument :
BNA_G
ClientSampleId :

Tot Ion: 70 Resp: 20672
Ion Ratio Lower Upper
70 100
42 42.1 38.8 58.2
101 0.0 9.0 13.6#
130 1.8 20.0 30.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Tgt Ion: 136 Resp: 127950
Ion Ratio Lower Upper
136 100
137 10.5 8.7 13.1
54 6.3 4.9 7.3
68 3.2 3.6 5.4#

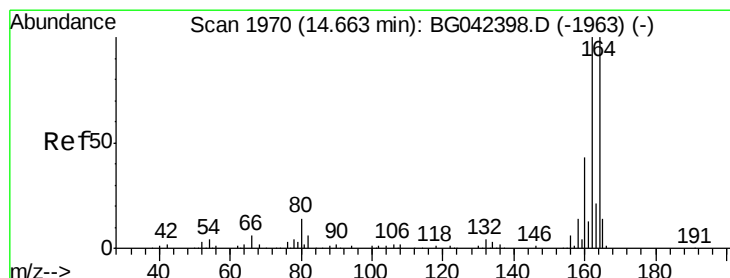
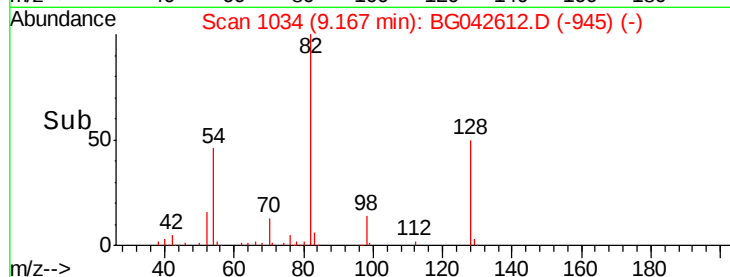
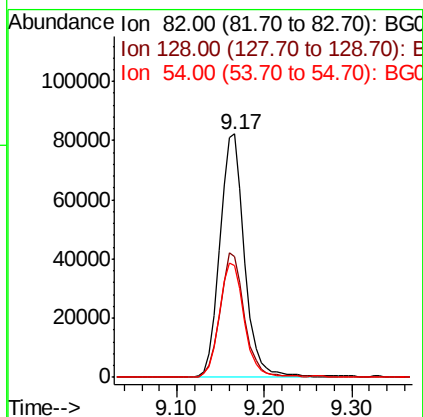
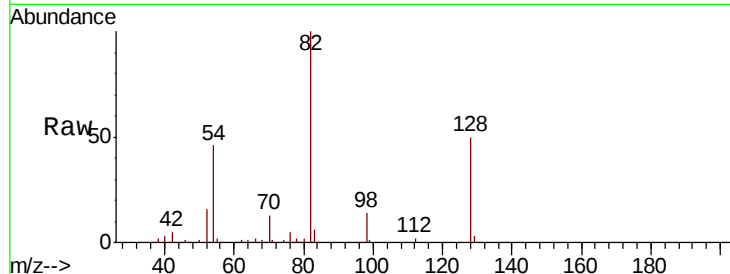




#23
Nitrobenzene-d5
Concen: 86.550 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

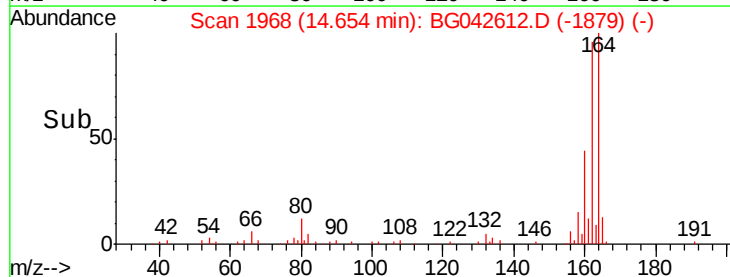
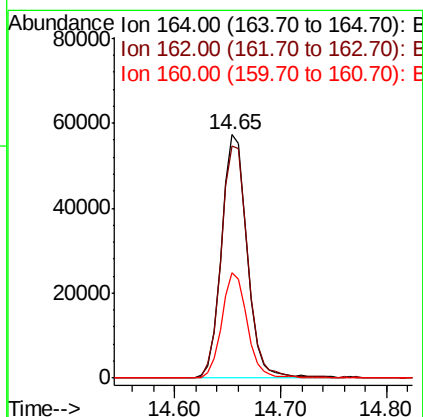
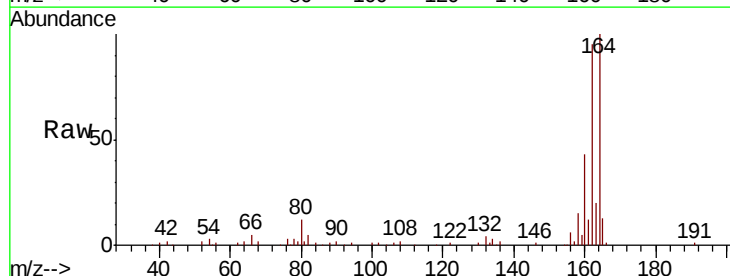
Instrument :
BNA_G
ClientSampled :

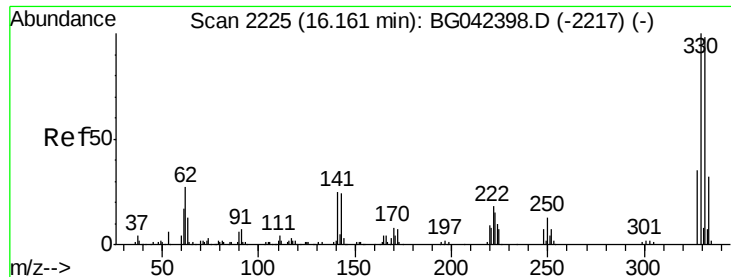
Tot Ion: 82 Resp: 160252
Ion Ratio Lower Upper
82 100
128 49.7 40.7 61.1
54 46.1 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Tgt Ion:164 Resp: 96582
Ion Ratio Lower Upper
164 100
162 95.2 79.9 119.9
160 43.3 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 139.385 ng

RT: 16.15 min Scan# 2222

Delta R.T. -0.01 min

Lab File: BG042612.D

Acq: 30 Aug 2019 22:33

Instrument :

BNA_G

ClientSampled :

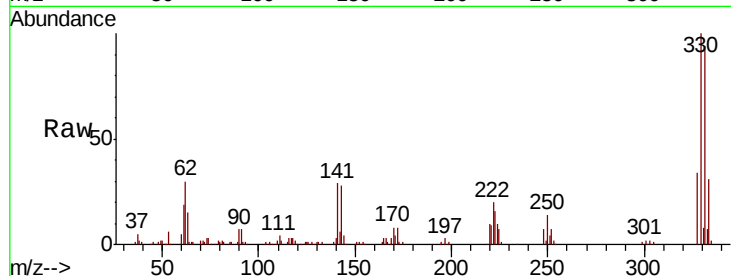
Tot Ion:330 Resp: 191342

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.0

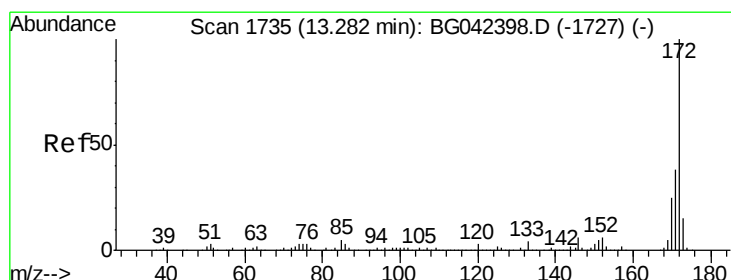
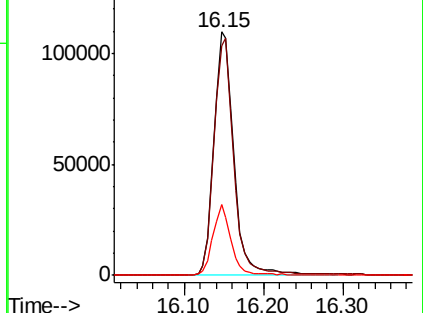
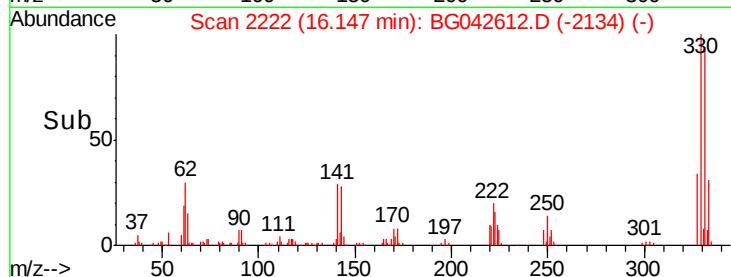
141 26.8 21.4 32.0



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: 79.121 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BG042612.D

Acq: 30 Aug 2019 22:33

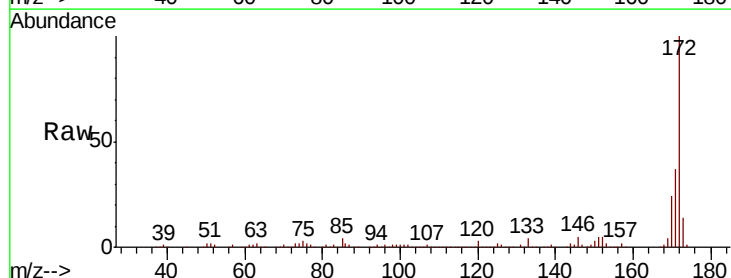
Tgt Ion:172 Resp: 451827

Ion Ratio Lower Upper

172 100

171 37.1 30.5 45.7

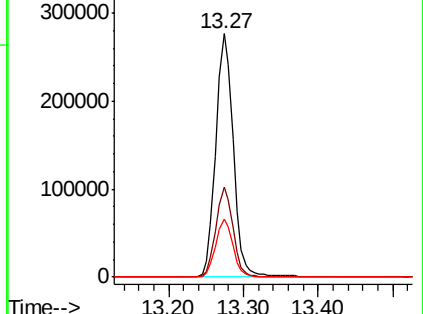
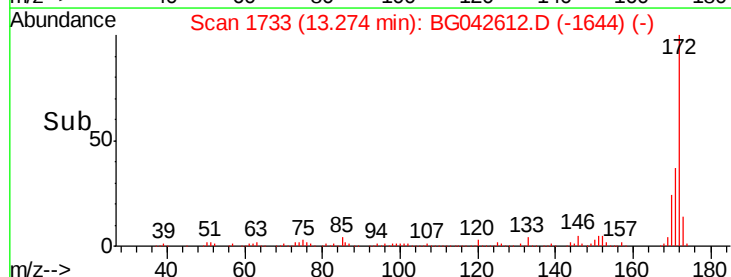
170 24.1 20.2 30.2



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

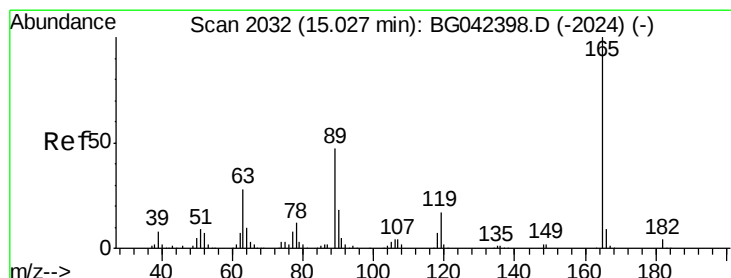
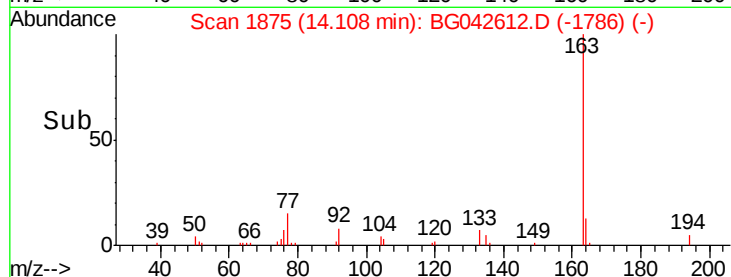
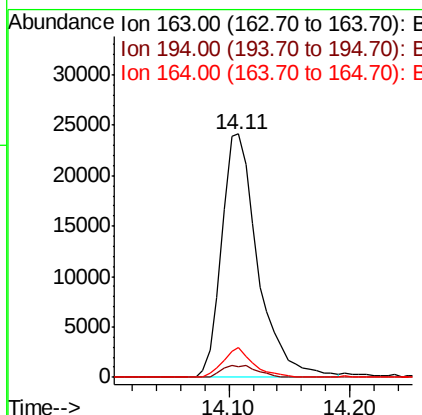
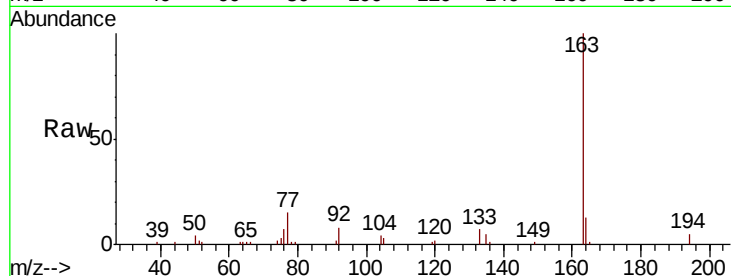




#50
Dimethylphthalate
Concen: 7.172 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

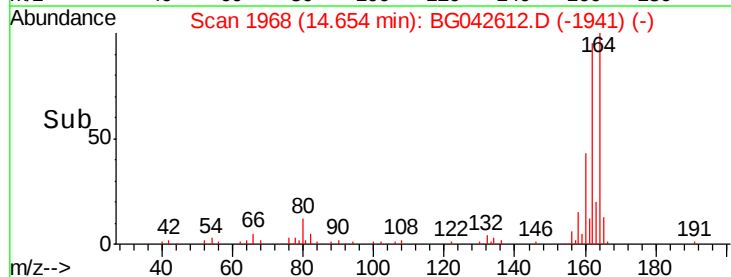
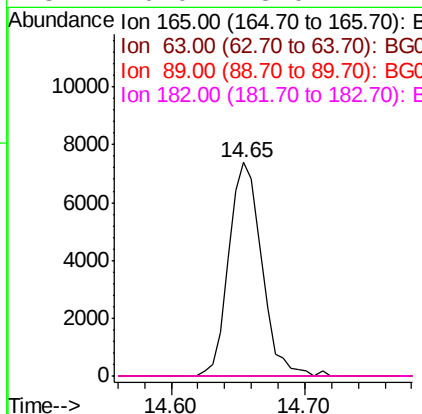
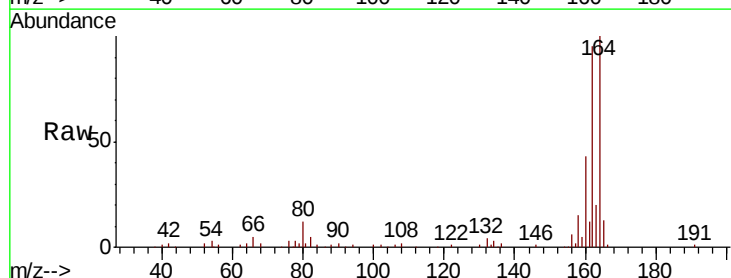
Instrument :
BNA_G
ClientSampleId :

Tot Ion:163 Resp: 49978
Ion Ratio Lower Upper
163 100
194 4.6 4.2 6.2
164 12.5 8.8 13.2



#57
2,4-Dinitrotoluene
Concen: 5.497 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.37 min
Lab File: BG042612.D
Acq: 30 Aug 2019 22:33

Tgt Ion:165 Resp: 12716
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#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042612.D

Acq: 30 Aug 2019 22:33

Instrument :

BNA_G

ClientSampleId :

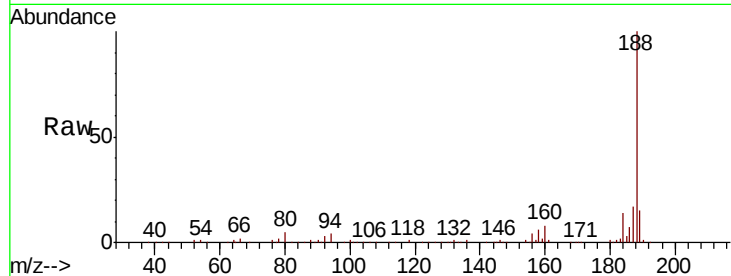
Tot Ion:188 Resp: 228073

Ion Ratio Lower Upper

188 100

94 4.4 4.5 6.7#

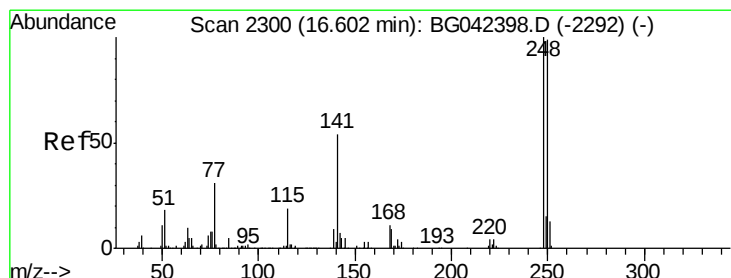
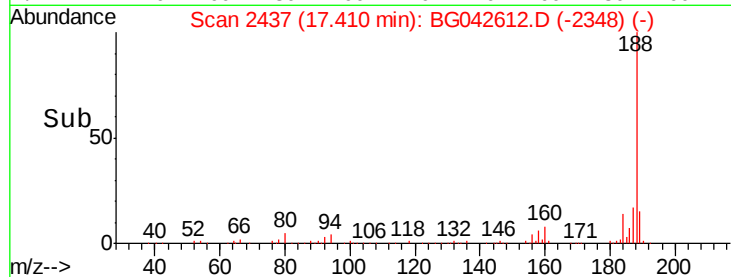
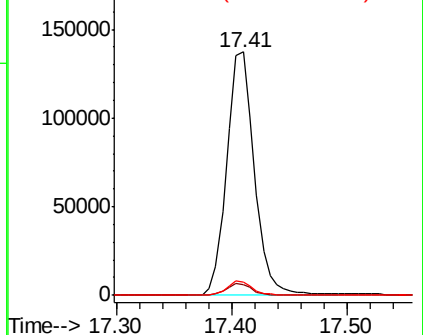
80 5.2 4.9 7.3



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: 4.519 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042612.D

Acq: 30 Aug 2019 22:33

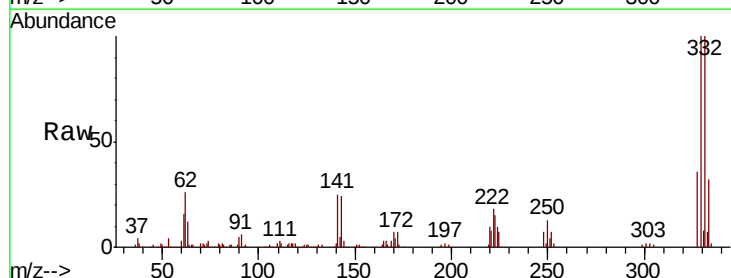
Tgt Ion:248 Resp: 13074

Ion Ratio Lower Upper

248 100

250 193.2 78.9 118.3#

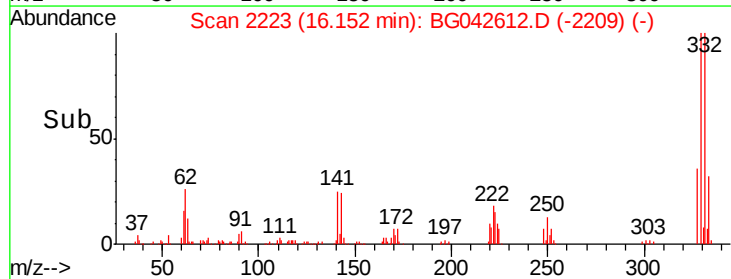
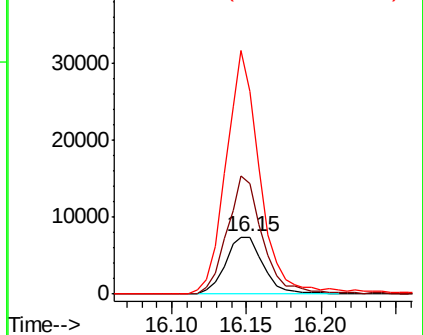
141 354.7 43.3 64.9#



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

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3164

Delta R.T. -0.01 min

Lab File: BG042612.D

Acq: 30 Aug 2019 22:33

Instrument :

BNA_G

ClientSampleId :

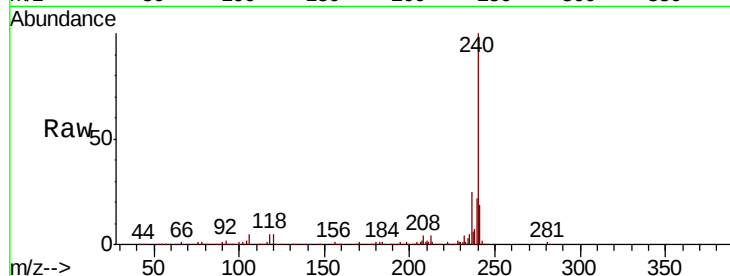
Tot Ion:240 Resp: 246090

Ion Ratio Lower Upper

240 100

120 5.4 5.7 8.5#

236 25.5 21.0 31.4

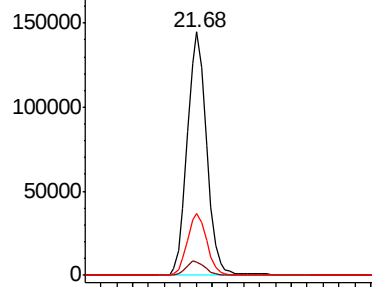


Abundance

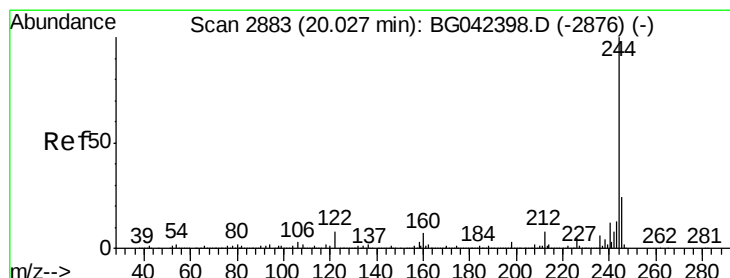
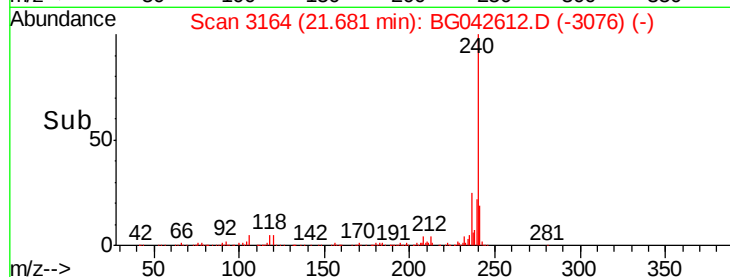
Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#79

Terphenyl-d14

Concen: 79.048 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042612.D

Acq: 30 Aug 2019 22:33

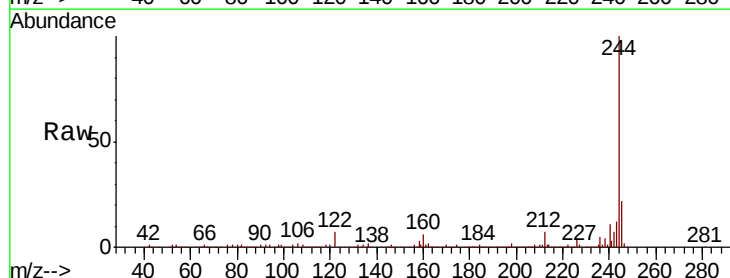
Tgt Ion:244 Resp: 899799

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 6.7 6.7 10.1

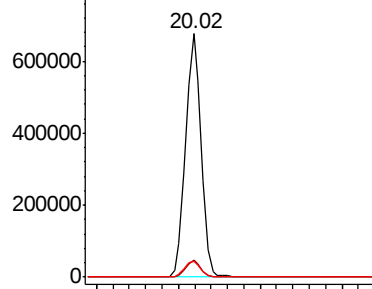


Abundance

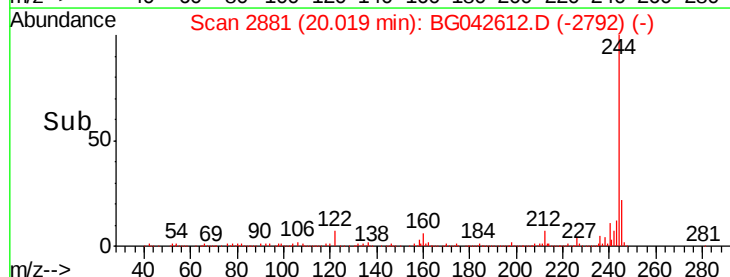
Ion 244.00 (243.70 to 244.70): E

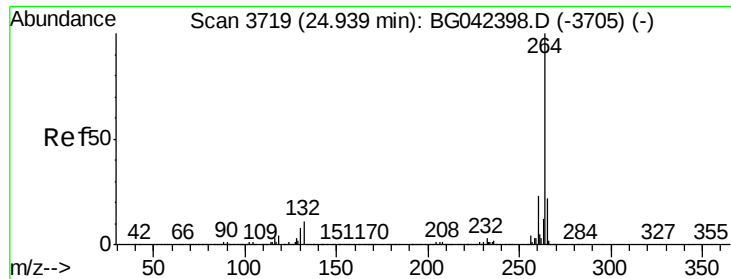
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.92 min Scan# 3715
 Delta R.T. -0.02 min
 Lab File: BG042612.D
 Acq: 30 Aug 2019 22:33

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.5	27.7
265	22.1	17.6	26.4

