

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
 Data File : BG042611.D
 Acq On : 30 Aug 2019 21:55
 Operator : HP/JU
 Sample : K4573-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 30 23:15:19 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

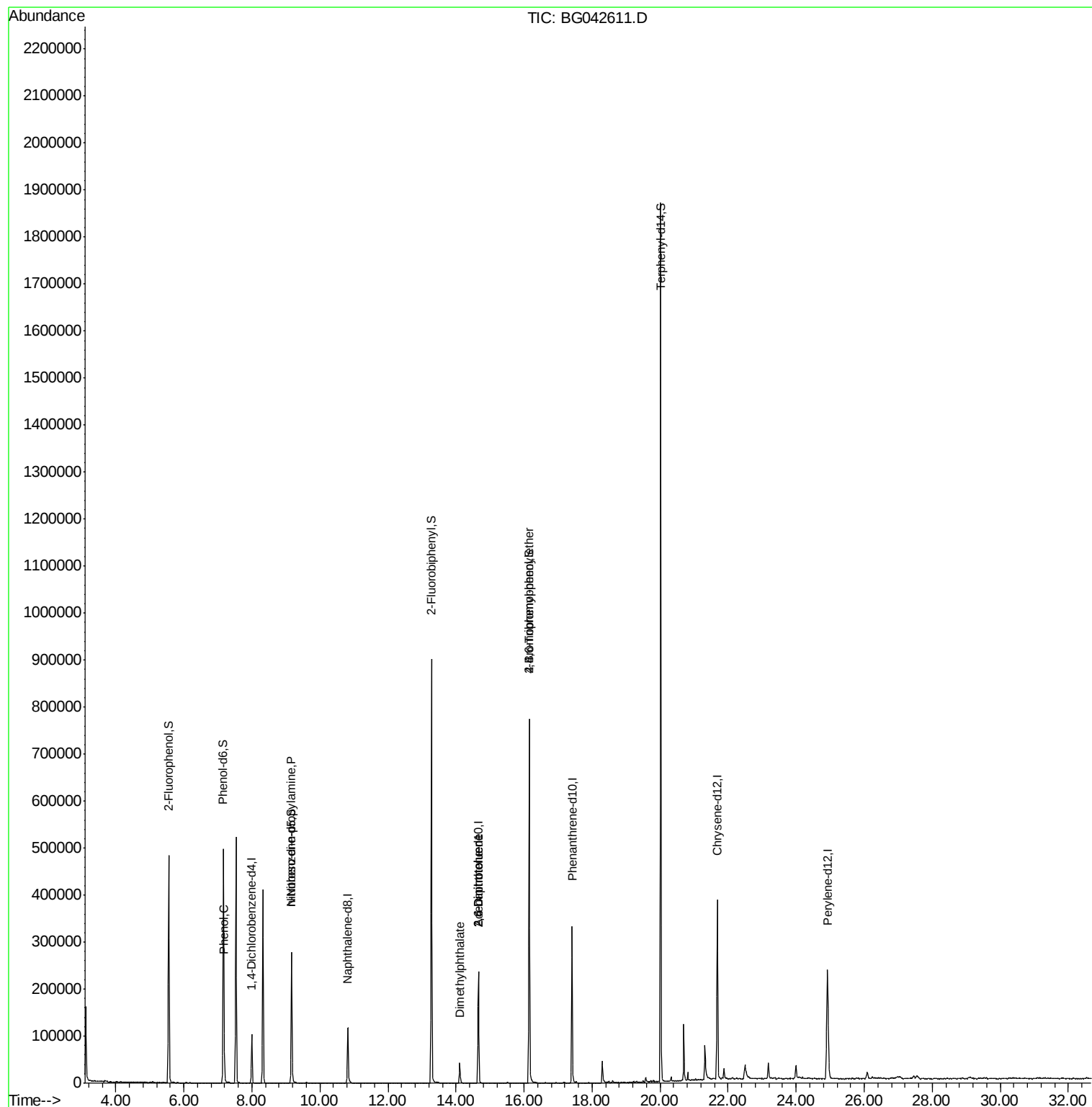
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34304	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	132796	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	100995	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	240208	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	259339	20.00	ng	-0.02
87) Perylene-d12	24.92	264	299352	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	245368	144.86	ng	-0.01
7) Phenol-d6	7.16	99	322127	140.79	ng	-0.01
23) Nitrobenzene-d5	9.16	82	183009	95.23	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	210622	146.73	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	561502	94.03	ng	0.00
79) Terphenyl-d14	20.02	244	1011775	84.34	ng	-0.01
Target Compounds						
10) Phenol	7.18	94	23506	10.105	ng	85
19) n-Nitroso-di-n-propylamine	9.16	70	23701	15.990	ng	# 79
50) Dimethylphthalate	14.11	163	48311	6.630	ng	98
51) 2,6-Dinitrotoluene	14.65	165	13281	7.863	ng	# 36
57) 2,4-Dinitrotoluene	14.65	165	13281	5.491	ng	# 38
67) 4-Bromophenyl-phenylether	16.15	248	14054	4.613	ng	# 1

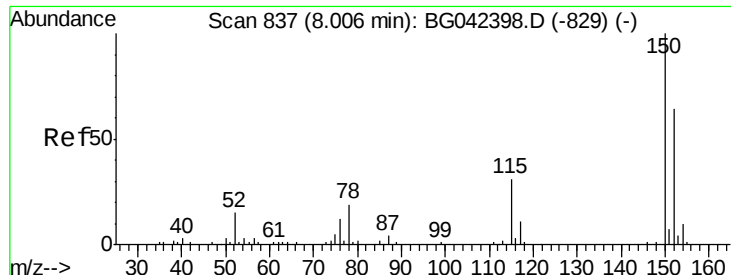
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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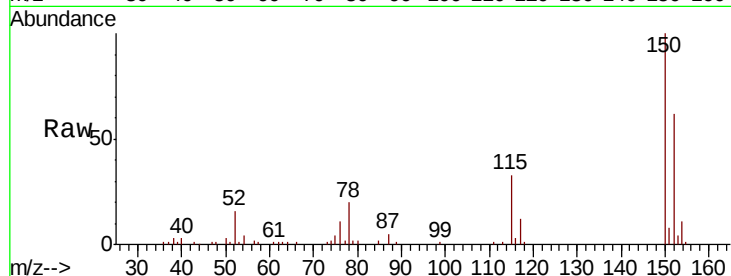


#1

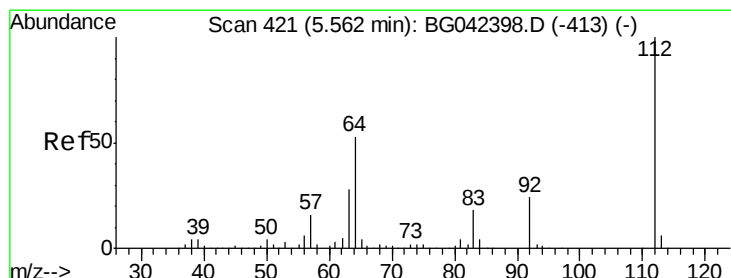
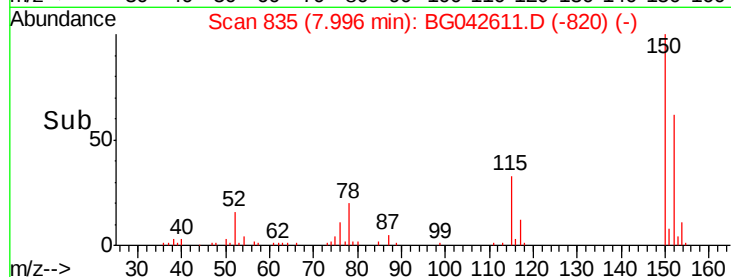
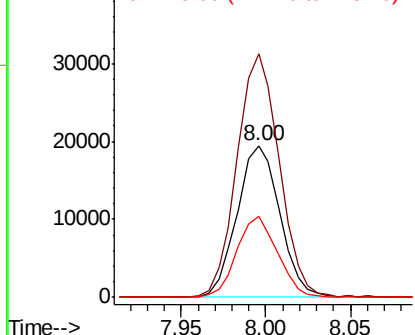
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042611.D
Acq: 30 Aug 2019 21:55

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 34304
Ion Ratio Lower Upper
152 100
150 160.5 125.4 188.0
115 53.8 38.5 57.7



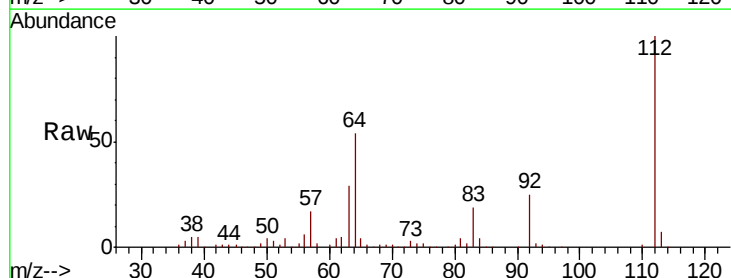
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



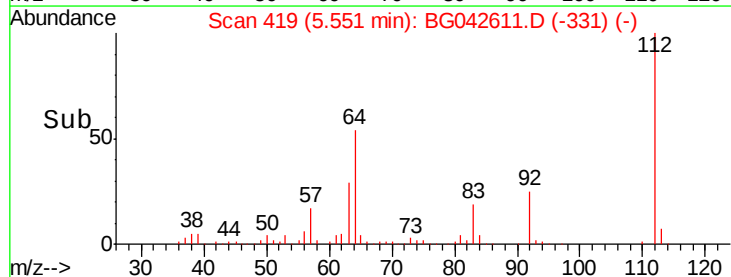
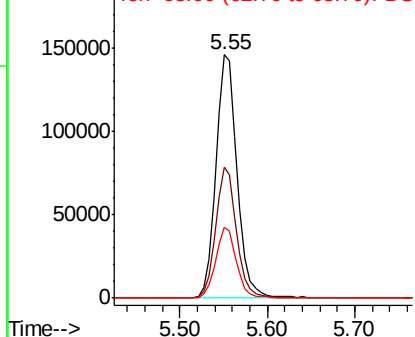
#5

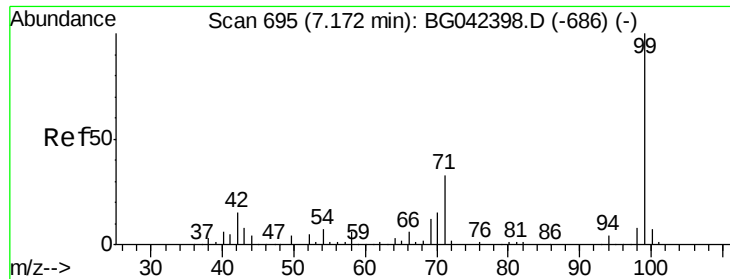
2-Fluorophenol
Concen: 144.864 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042611.D
Acq: 30 Aug 2019 21:55

Tgt Ion:112 Resp: 245368
Ion Ratio Lower Upper
112 100
64 53.9 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): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 140.795 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042611.D

Acq: 30 Aug 2019 21:55

Instrument :

BNA_G

ClientSampleId :

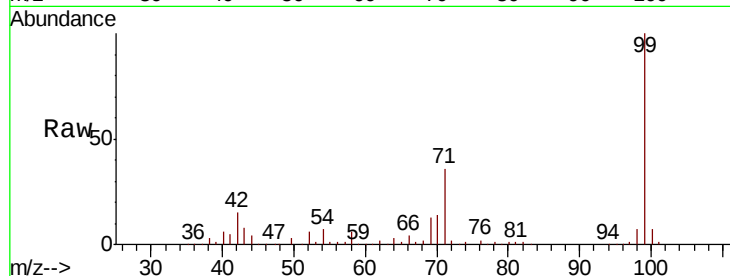
Tot Ion: 99 Resp: 322127

Ion Ratio Lower Upper

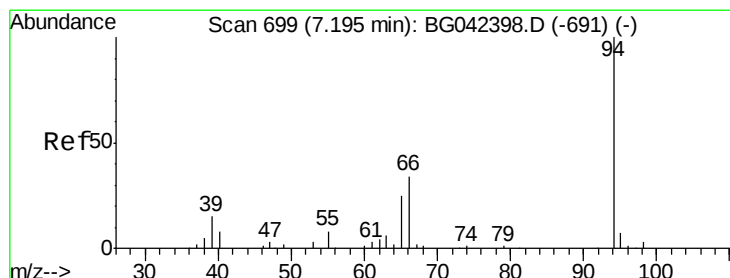
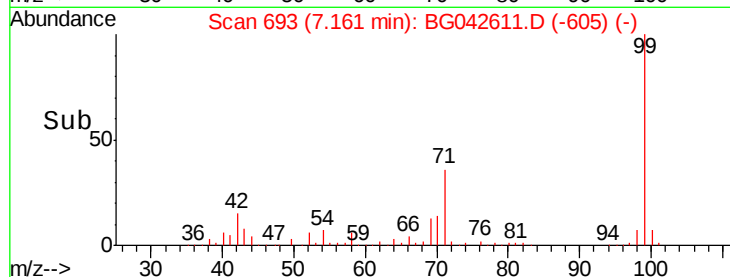
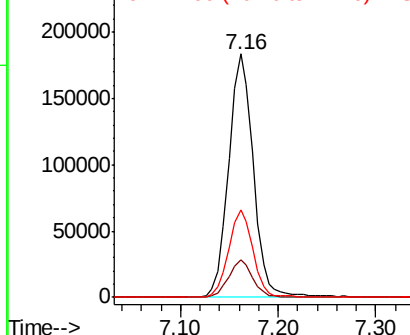
99 100

42 15.4 12.0 18.0

71 35.9 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: 10.105 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042611.D

Acq: 30 Aug 2019 21:55

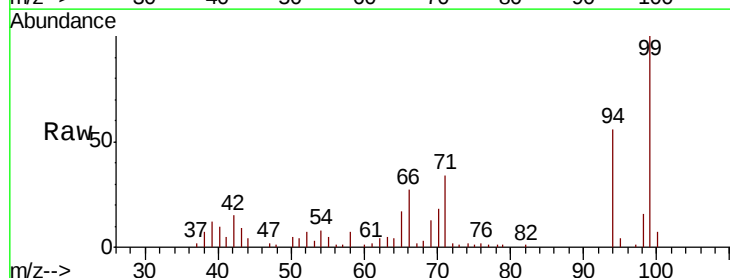
Tgt Ion: 94 Resp: 23506

Ion Ratio Lower Upper

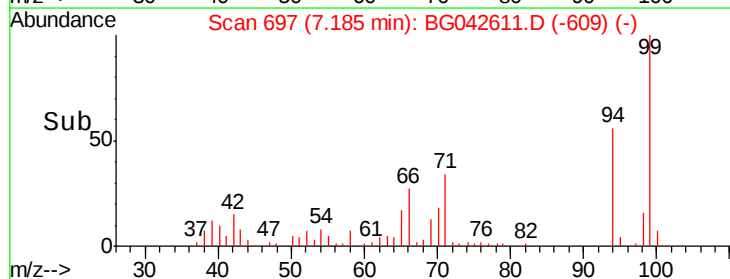
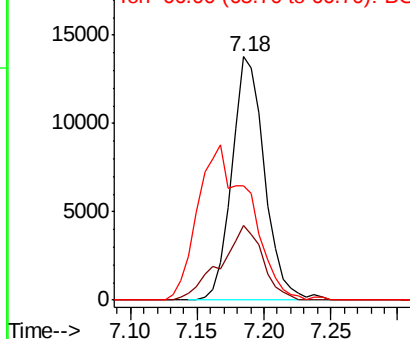
94 100

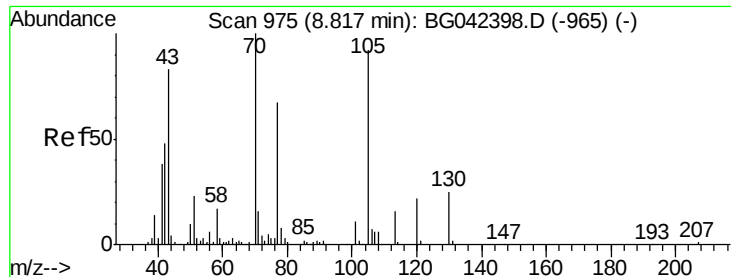
65 30.6 5.6 45.6

66 47.2 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: 15.990 ng

RT: 9.16 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042611.D

Acq: 30 Aug 2019 21:55

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 23701

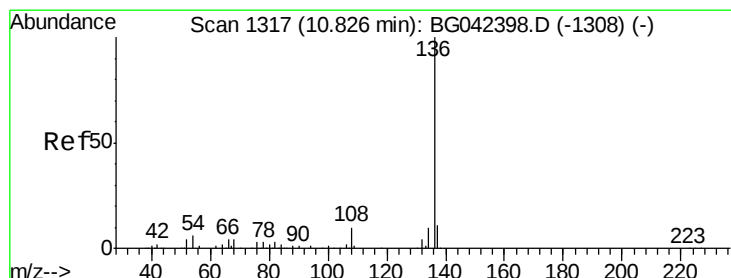
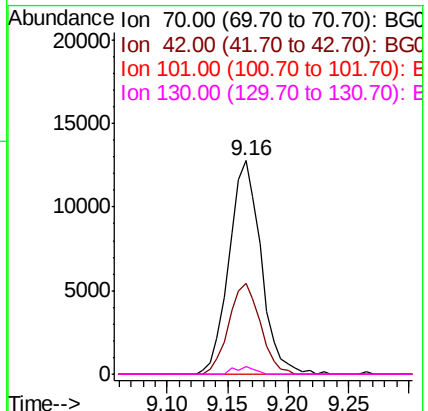
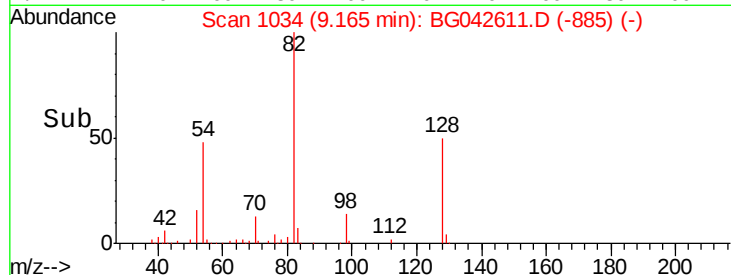
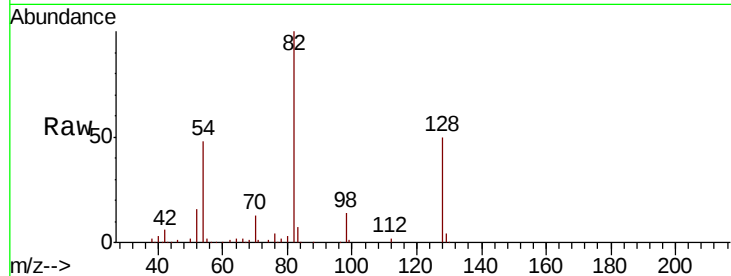
Ion Ratio Lower Upper

70 100

42 42.8 38.8 58.2

101 0.0 9.0 13.6#

130 3.7 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: BG042611.D

Acq: 30 Aug 2019 21:55

Tgt Ion: 136 Resp: 132796

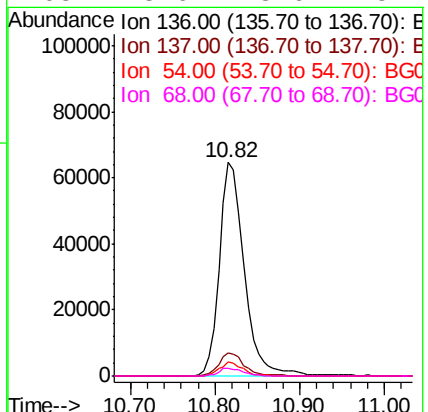
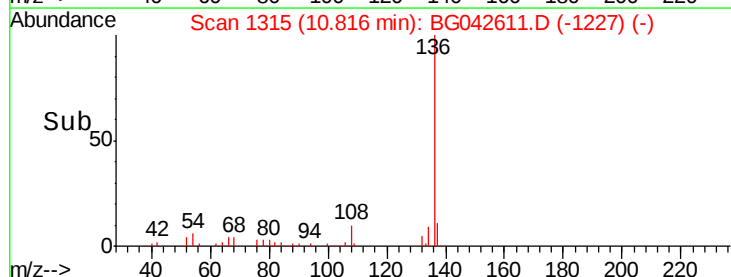
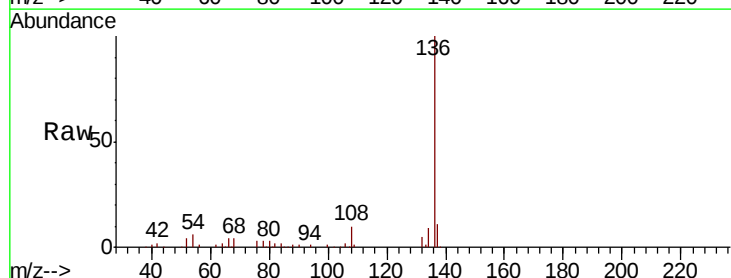
Ion Ratio Lower Upper

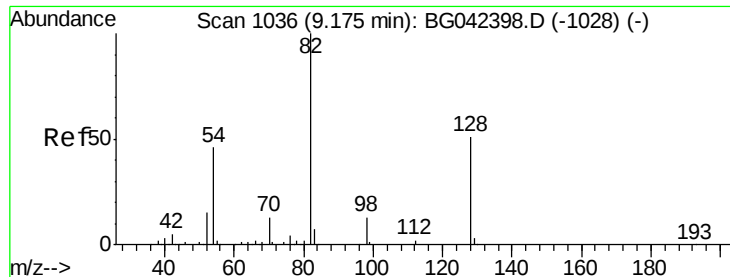
136 100

137 10.7 8.7 13.1

54 6.4 4.9 7.3

68 3.6 3.6 5.4

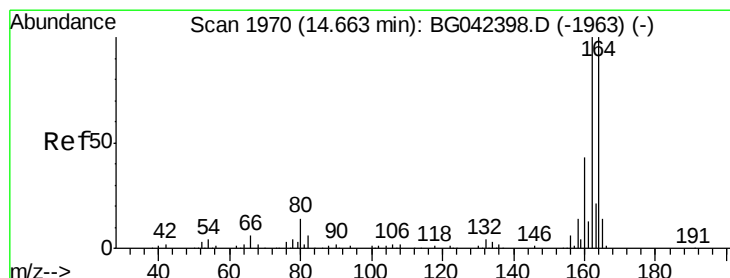
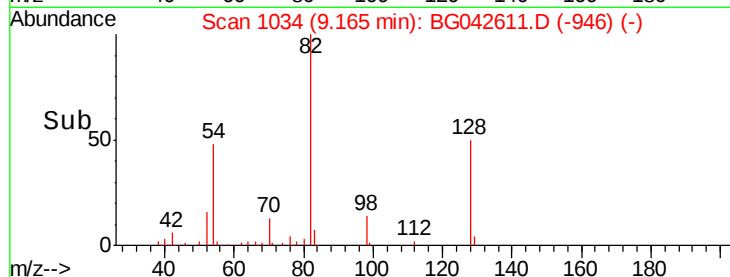
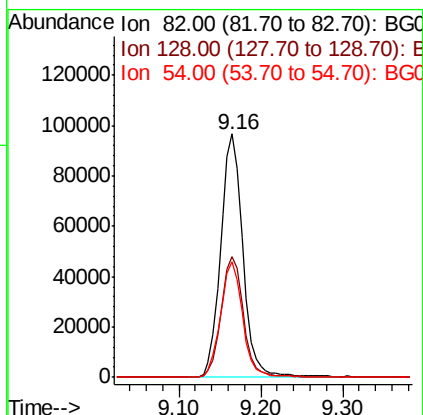
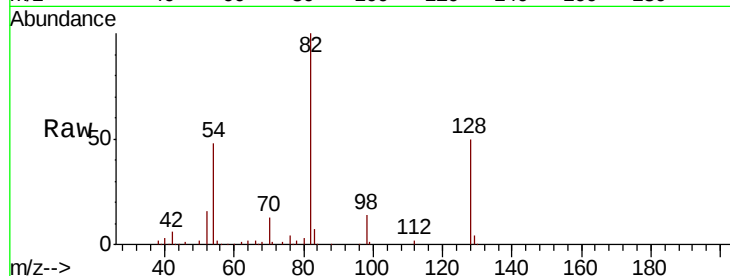




#23
Nitrobenzene-d5
Concen: 95.234 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042611.D
Acq: 30 Aug 2019 21:55

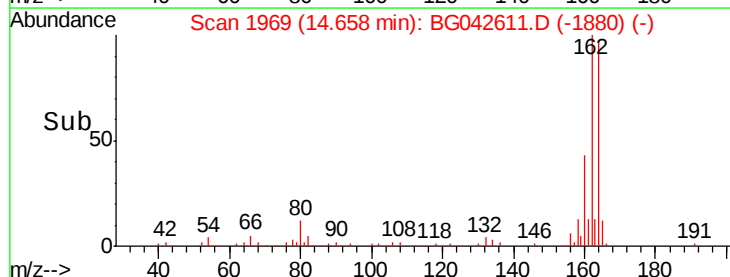
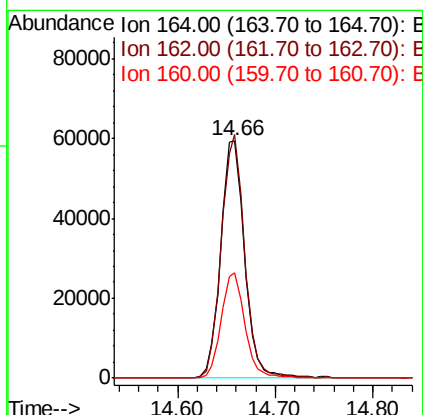
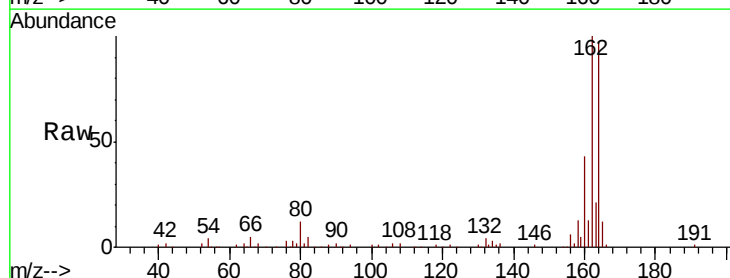
Instrument :
BNA_G
ClientSampleId :

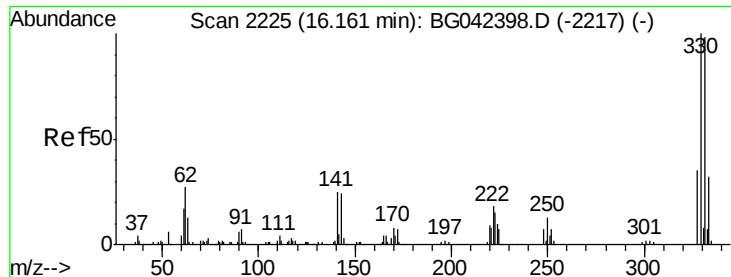
Tot Ion	82	Resp	183009
Ion Ratio	100	Lower	Upper
128	49.5	40.7	61.1
54	47.6	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042611.D
Acq: 30 Aug 2019 21:55

Tgt Ion	164	Resp	100995
Ion Ratio	100	Lower	Upper
162	102.6	79.9	119.9
160	44.3	34.3	51.5

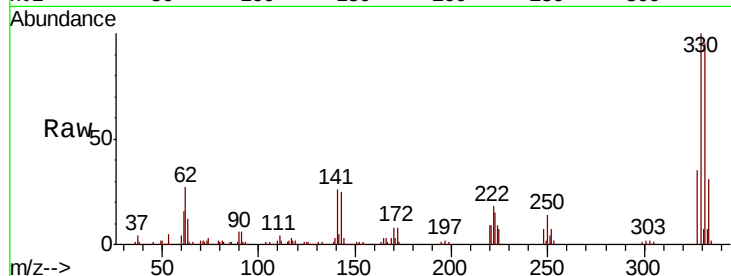




#42
 2,4,6-Tribromophenol
 Concen: 146.726 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.01 min
 Lab File: BG042611.D
 Acq: 30 Aug 2019 21:55

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.0
141	26.7	21.4	32.0

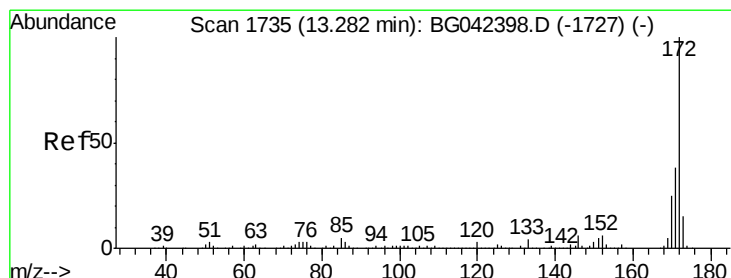
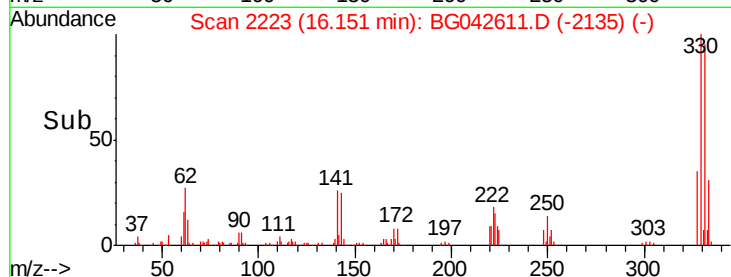
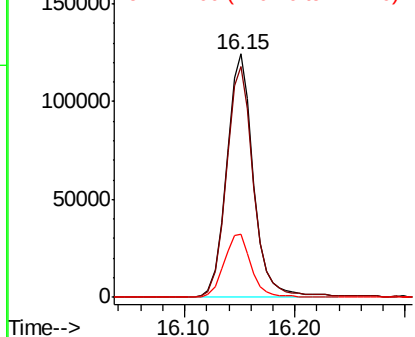


Abundance

Ion 329.80 (329.50 to 330.50): E

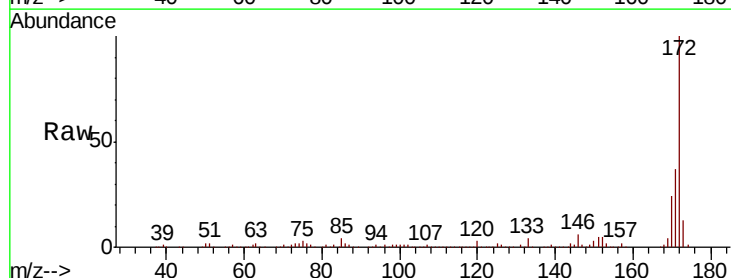
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 94.030 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG042611.D
 Acq: 30 Aug 2019 21:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.5	45.7
170	24.0	20.2	30.2

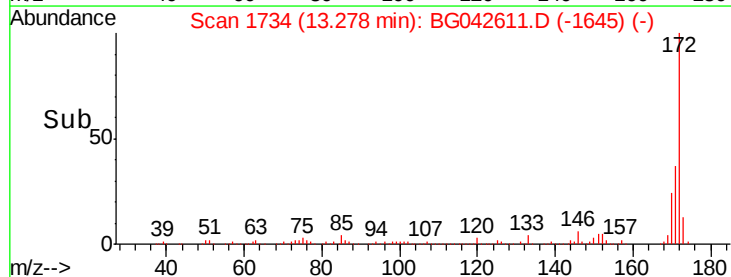
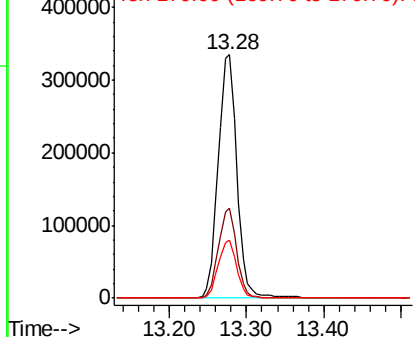


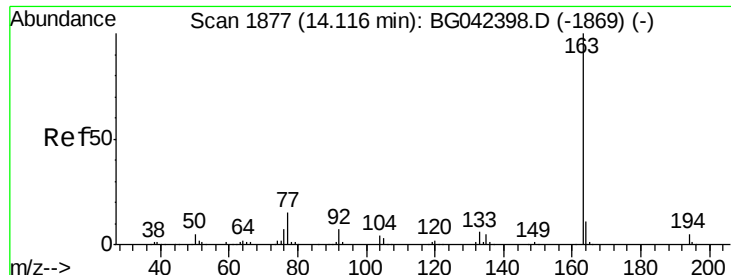
Abundance

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

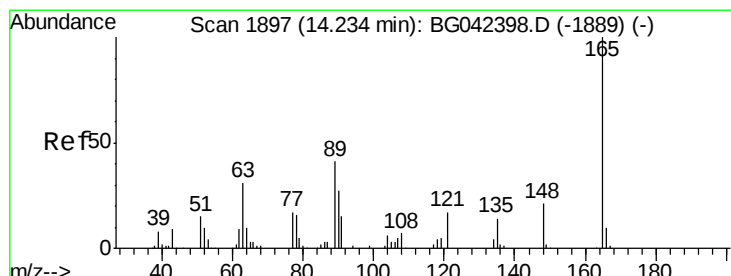
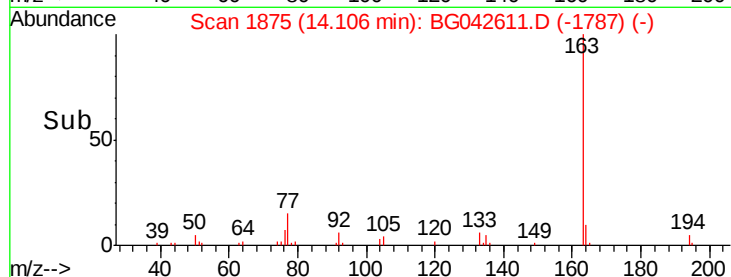
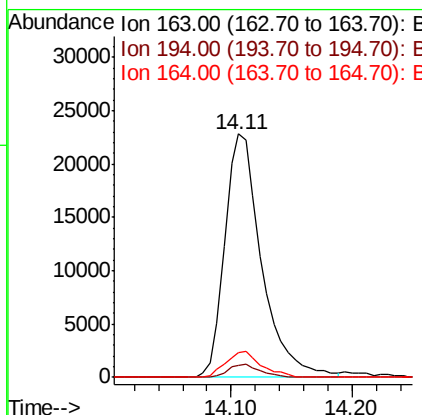
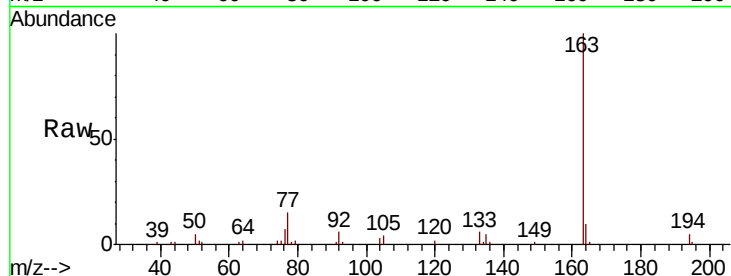




#50
Dimethylphthalate
Concen: 6.630 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042611.D
Acq: 30 Aug 2019 21:55

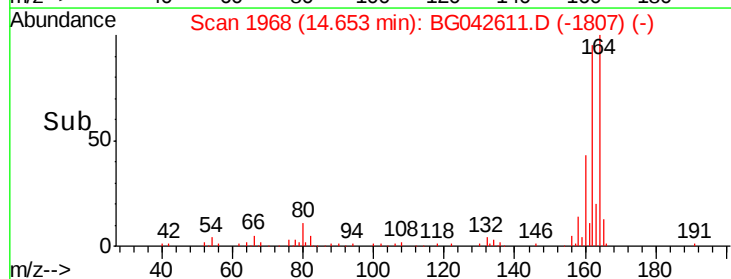
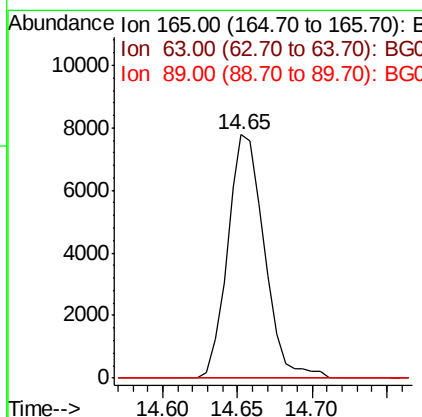
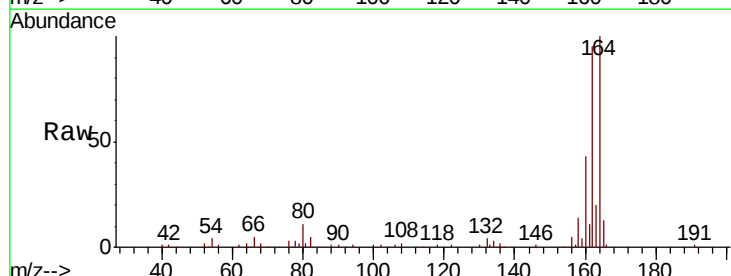
Instrument :
BNA_G
ClientSampleId :

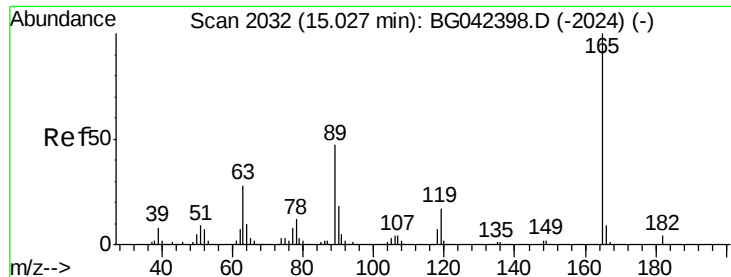
Tot Ion	163	Resp	48311
Ion Ratio	100	Lower	Upper
163	100		
194	4.8	4.2	6.2
164	10.4	8.8	13.2



#51
2,6-Dinitrotoluene
Concen: 7.863 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.42 min
Lab File: BG042611.D
Acq: 30 Aug 2019 21:55

Tgt Ion	165	Resp	13281
Ion Ratio	100	Lower	Upper
165	100		
63	0.0	30.6	45.8#
89	0.0	32.6	49.0#

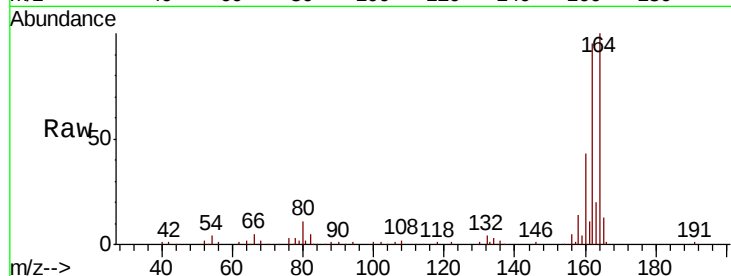




#57
 2,4-Dinitrotoluene
 Concen: 5.491 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.37 min
 Lab File: BG042611.D
 Acq: 30 Aug 2019 21:55

Instrument :
 BNA_G
 ClientSampleId :

Tot 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#

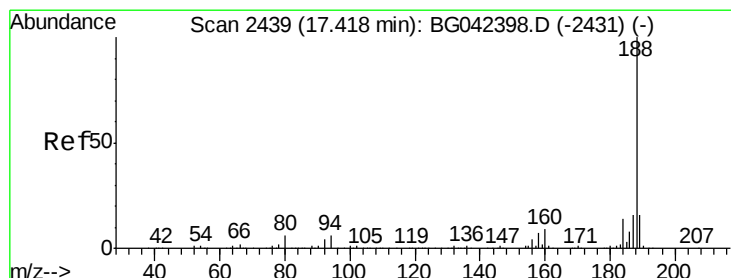
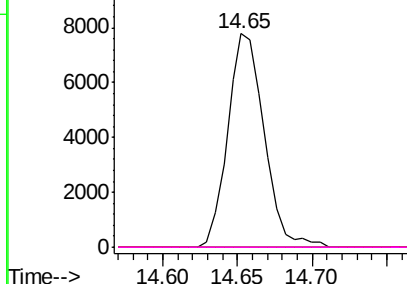
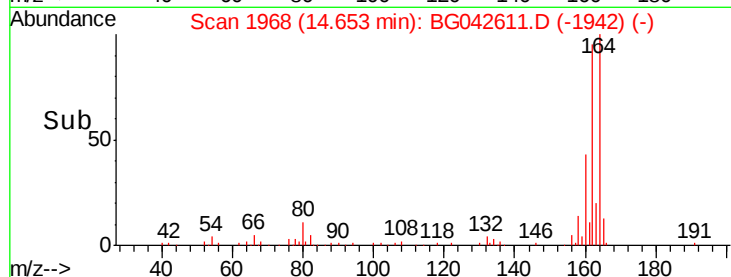


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

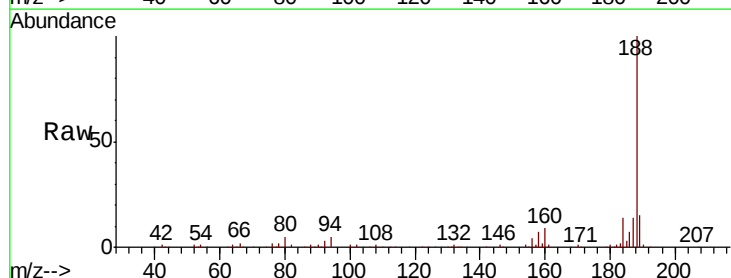
Ion 89.00 (88.70 to 89.70): BGC

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: BG042611.D
 Acq: 30 Aug 2019 21:55

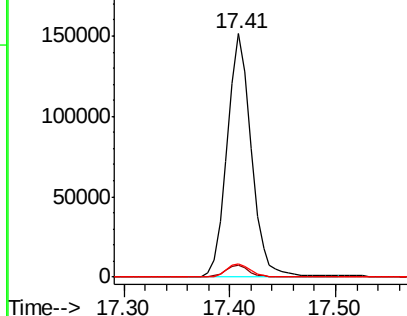
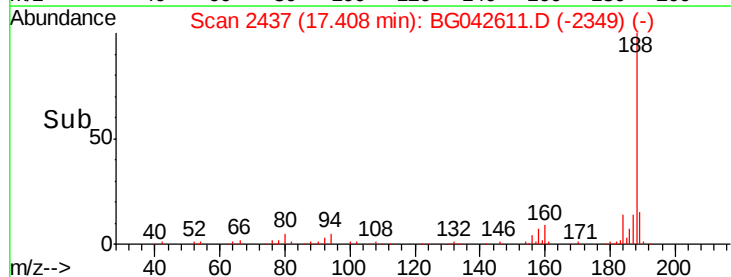
Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.5	6.7
80	5.3	4.9	7.3

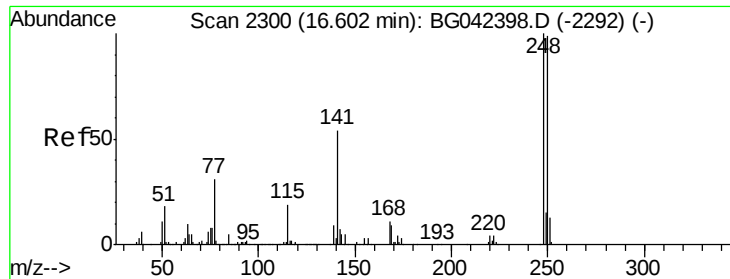


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#67

4-Bromophenyl-phenylether

Concen: 4.613 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.45 min

Lab File: BG042611.D

Acq: 30 Aug 2019 21:55

Instrument :

BNA_G

ClientSampleId :

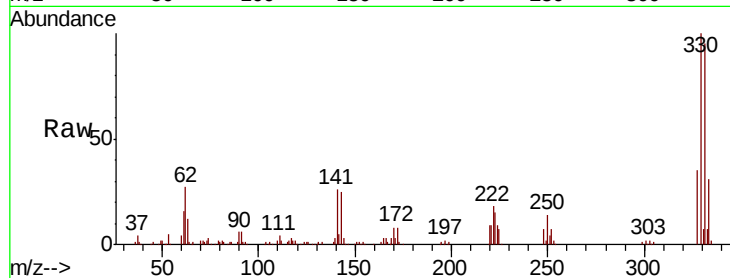
Tot Ion:248 Resp: 14054

Ion Ratio Lower Upper

248 100

250 210.0 78.9 118.3#

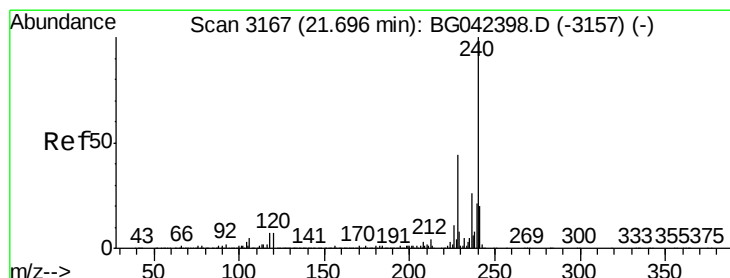
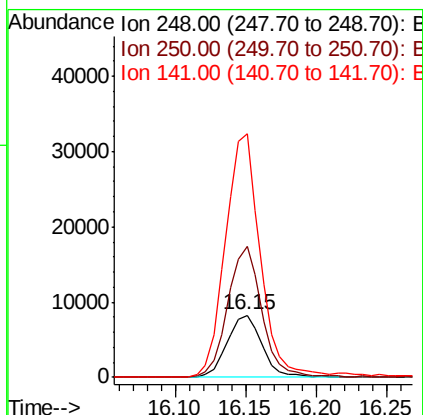
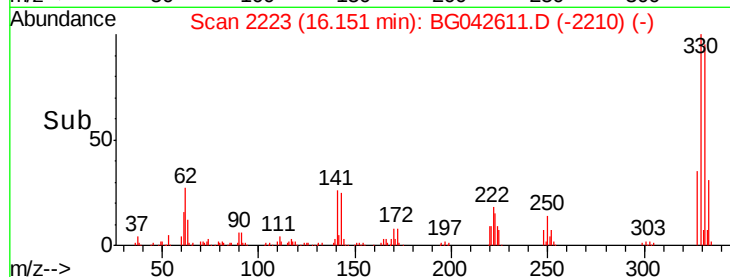
141 392.1 43.3 64.9#



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. -0.02 min

Lab File: BG042611.D

Acq: 30 Aug 2019 21:55

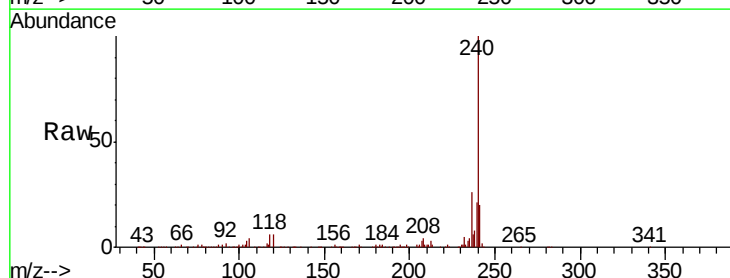
Tgt Ion:240 Resp: 259339

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

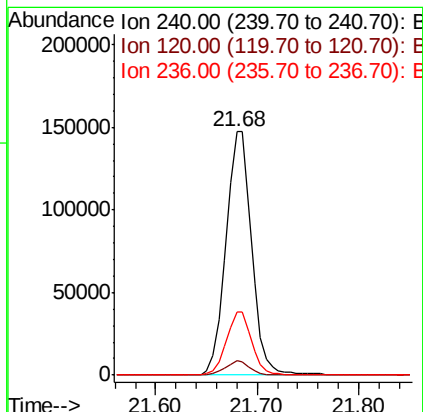
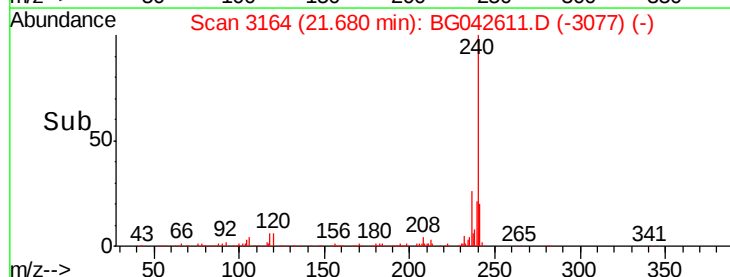
236 26.1 21.0 31.4

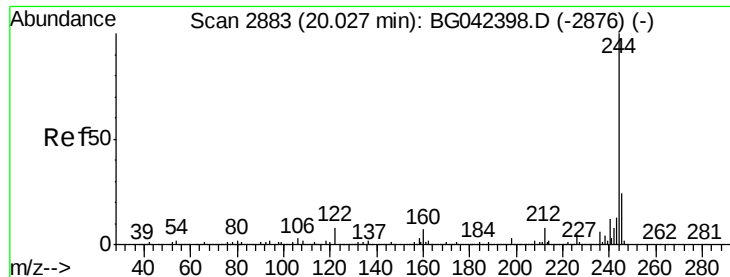


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.344 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042611.D

Acq: 30 Aug 2019 21:55

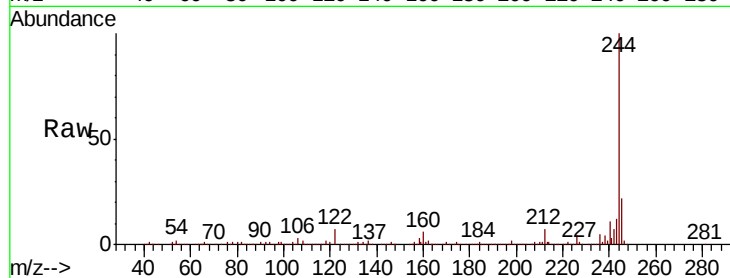
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1011775

Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	7.1	6.7	10.1

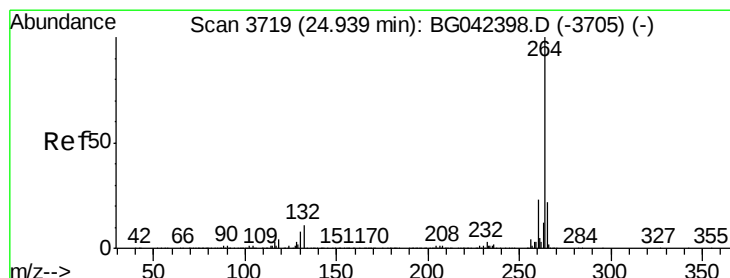
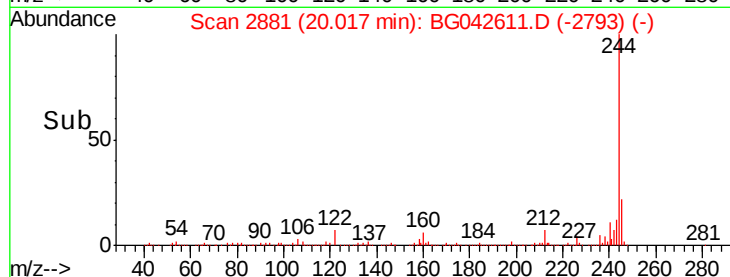
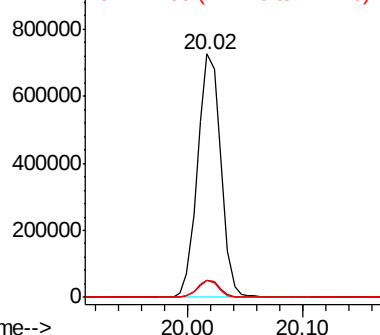


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

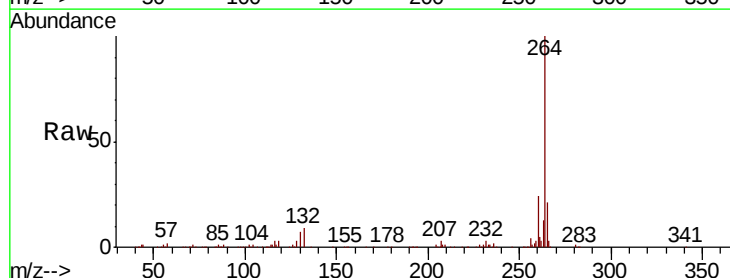
Delta R.T. -0.02 min

Lab File: BG042611.D

Acq: 30 Aug 2019 21:55

Tgt Ion:264 Resp: 299352

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	20.7	17.6	26.4



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

