

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
 Data File : BG042678.D
 Acq On : 2 Sep 2019 1:42
 Operator : HP/JU
 Sample : K4554-39
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 02 07:31:12 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

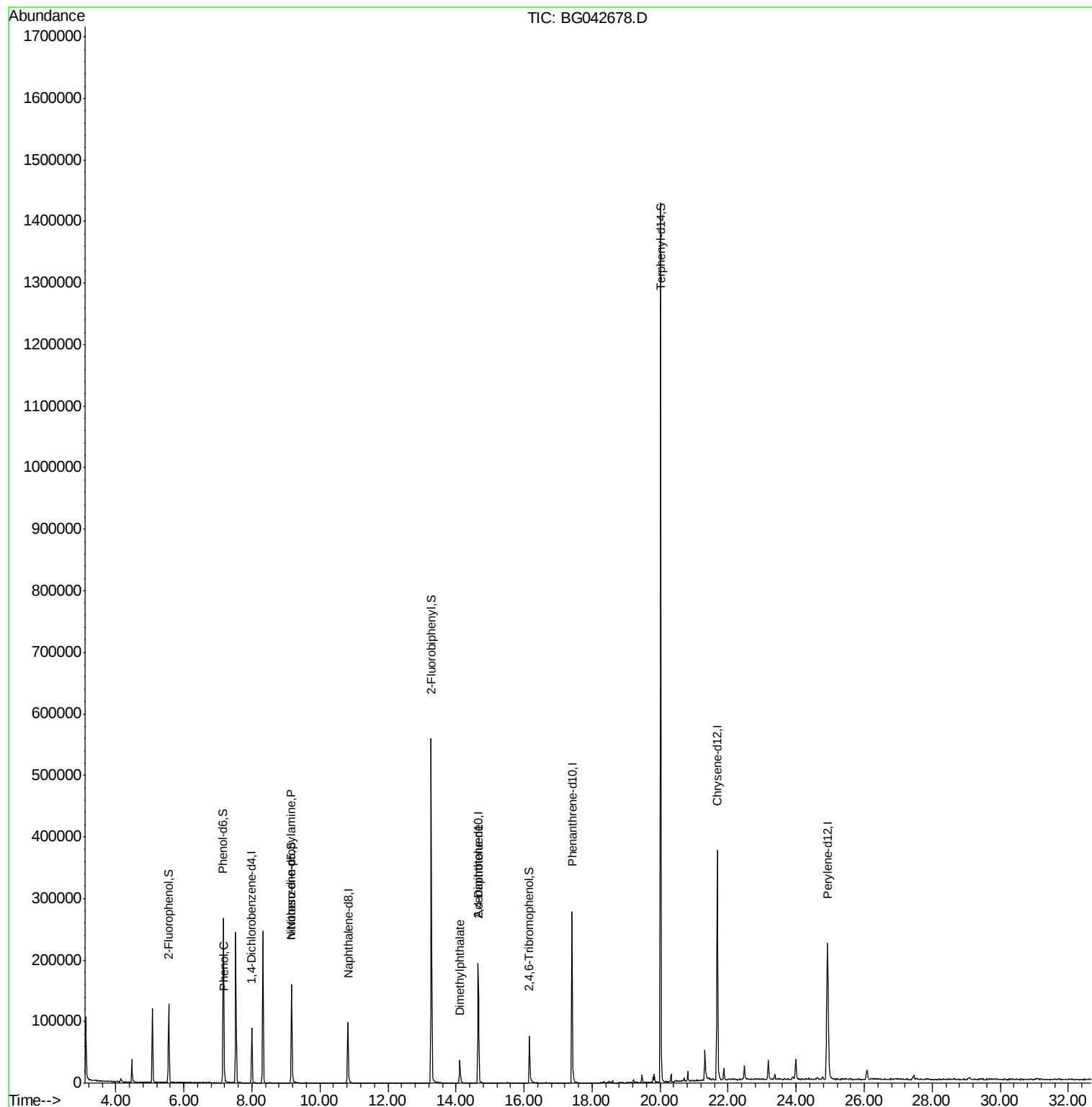
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29515	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	113377	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	87907	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	218820	20.00	ng	0.00
76) Chrysene-d12	21.68	240	246236	20.00	ng	-0.02
87) Perylene-d12	24.92	264	286678	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	67542	46.35	ng	0.00
7) Phenol-d6	7.16	99	180824	91.86	ng	0.00
23) Nitrobenzene-d5	9.17	82	107298	65.40	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	27321	21.87	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	368787	70.95	ng	0.00
79) Terphenyl-d14	20.02	244	795564	69.85	ng	0.00
Target Compounds						
10) Phenol	7.19	94	6852	3.423	ng	82
19) n-Nitroso-di-n-propylamine	9.17	70	14241	11.167	ng	# 78
50) Dimethylphthalate	14.11	163	46361	7.309	ng	# 99
57) 2,4-Dinitrotoluene	14.65	165	10997	5.223	ng	# 38

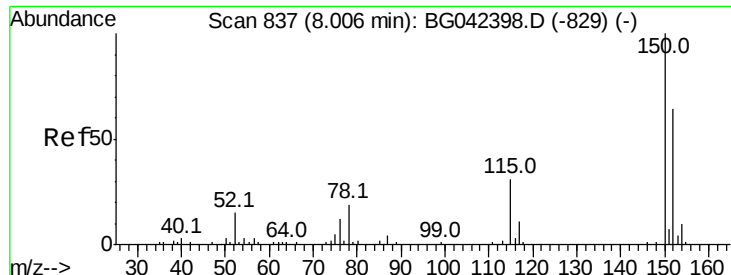
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090119\
Data File : BG042678.D
Acq On : 2 Sep 2019 1:42
Operator : HP/JU
Sample : K4554-39
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Time: Sep 02 07:31:12 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



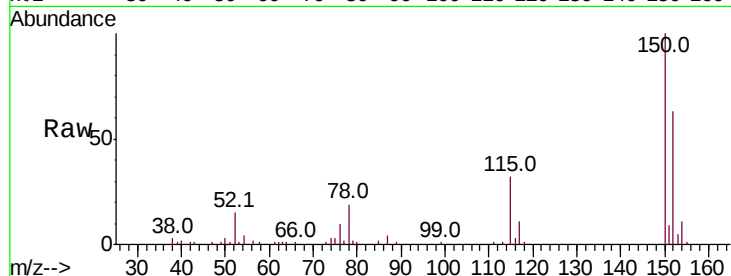


#1

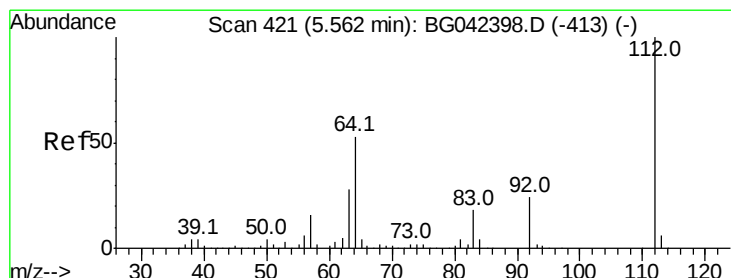
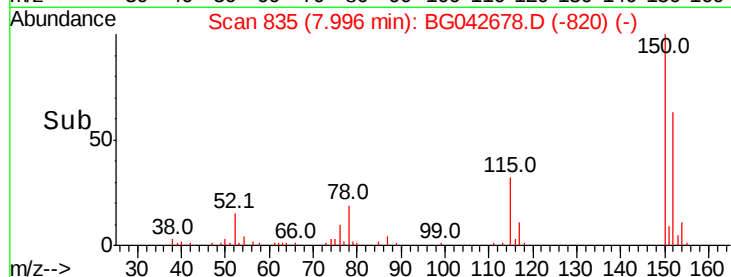
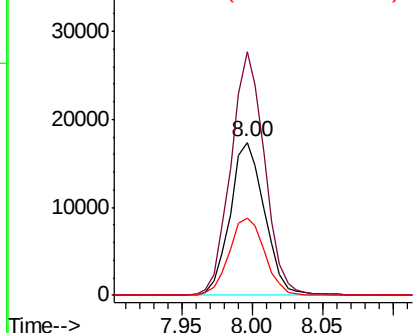
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.00 min Scan# 835
 Delta R.T. -0.01 min
 Lab File: BG042678.D
 Acq: 2 Sep 2019 1:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.8	125.4	188.0
115	50.6	38.5	57.7



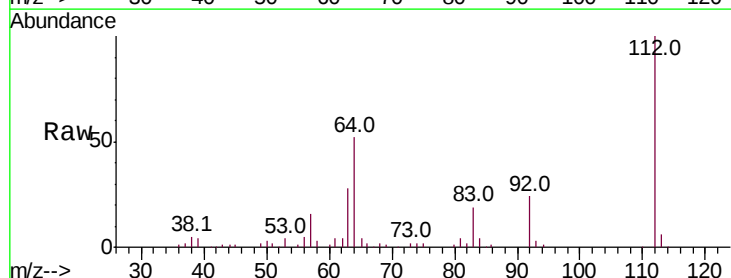
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



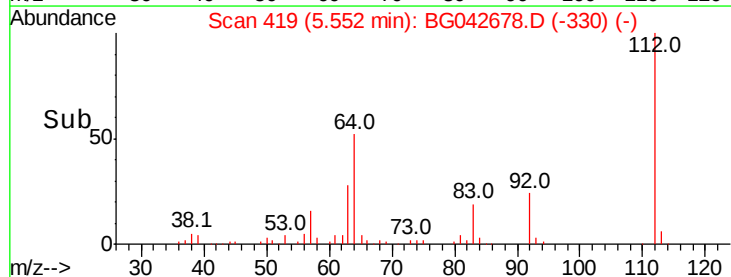
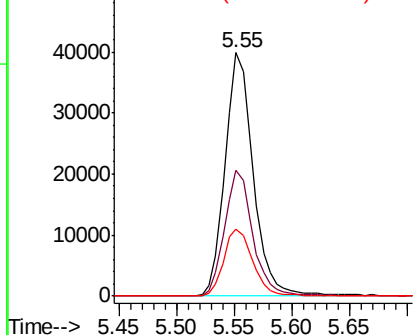
#5

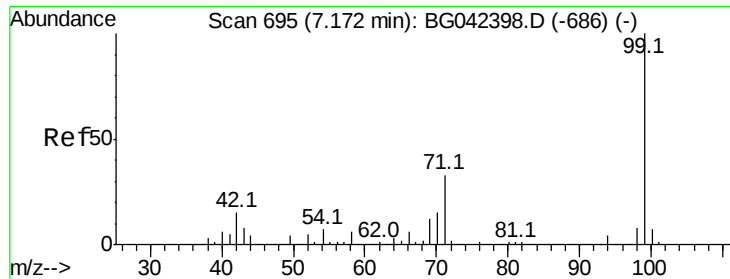
2-Fluorophenol
 Concen: 46.347 ng
 RT: 5.55 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BG042678.D
 Acq: 2 Sep 2019 1:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.6	42.8	64.2
63	27.7	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: 91.858 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042678.D

Acq: 2 Sep 2019 1:42

Instrument :

BNA_G

ClientSampled :

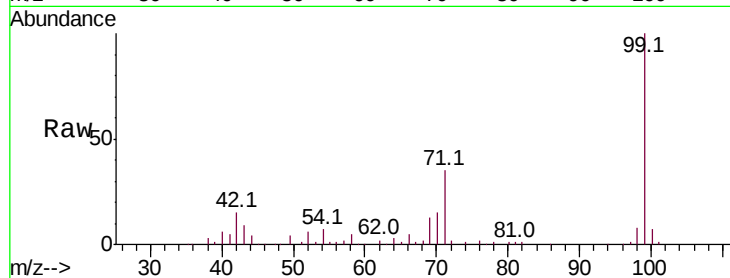
Tot Ion: 99 Resp: 180824

Ion Ratio Lower Upper

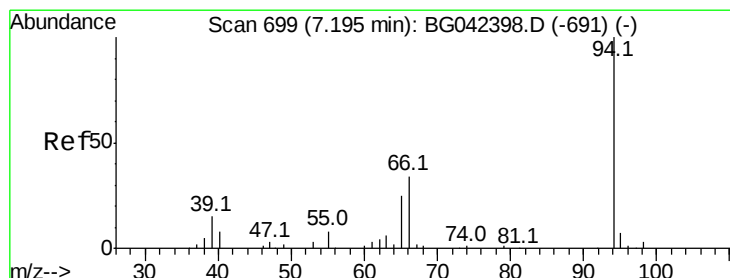
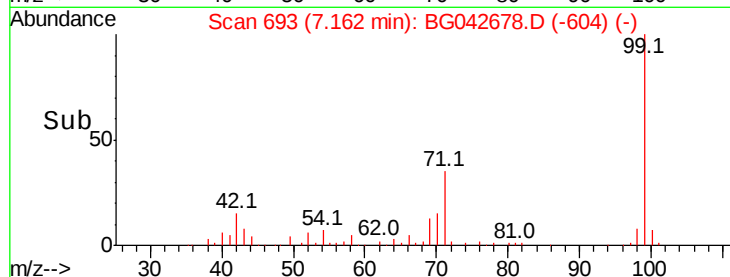
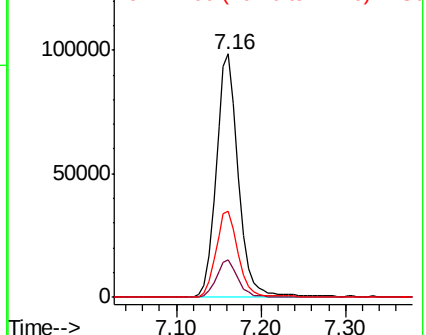
99 100

42 15.2 12.0 18.0

71 35.4 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: 3.423 ng

RT: 7.19 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG042678.D

Acq: 2 Sep 2019 1:42

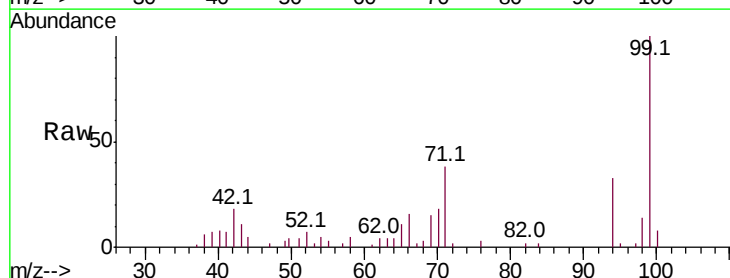
Tgt Ion: 94 Resp: 6852

Ion Ratio Lower Upper

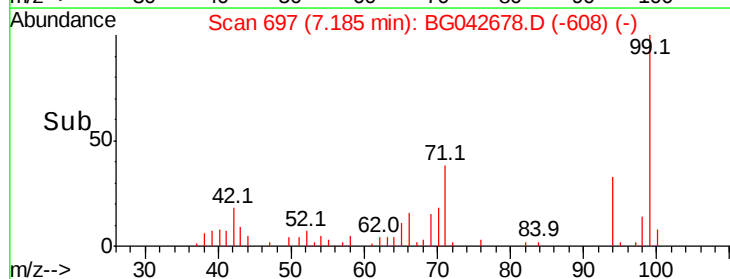
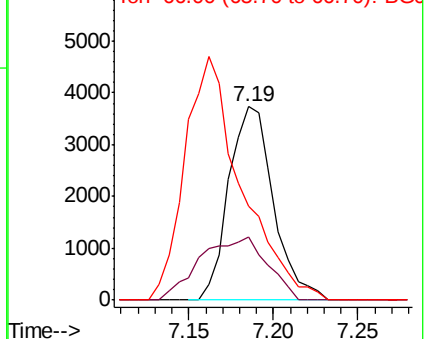
94 100

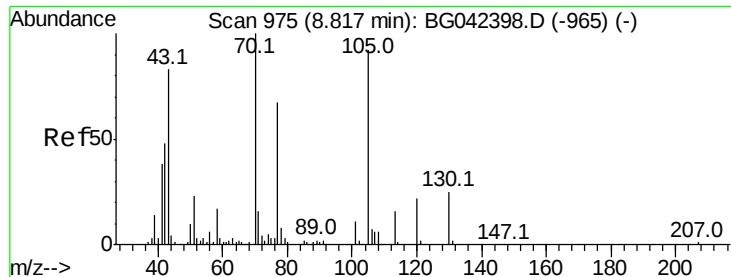
65 32.4 5.6 45.6

66 48.5 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: 11.167 ng

RT: 9.17 min Scan# 1034

Delta R.T. 0.35 min

Lab File: BG042678.D

Acq: 2 Sep 2019 1:42

Instrument :

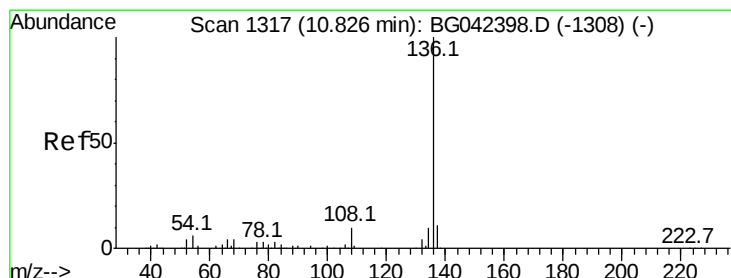
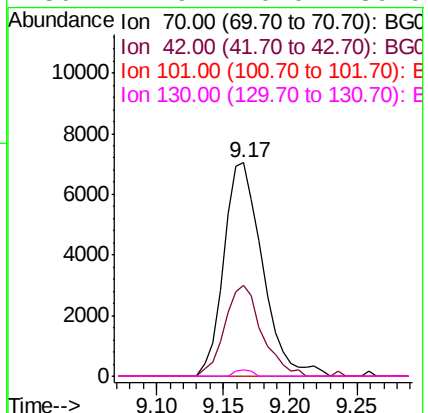
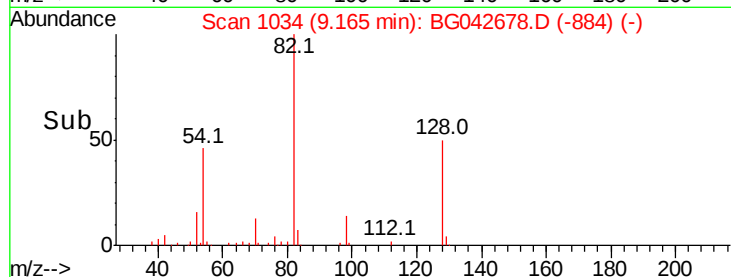
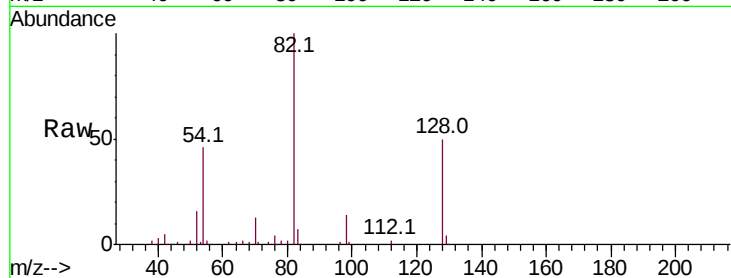
BNA_G

ClientSampleId :

Tot Ion: 70 Resp: 14241

Ion Ratio Lower Upper

70	100		
42	42.5	38.8	58.2
101	0.0	9.0	13.6#
130	2.9	20.0	30.0#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.00 min

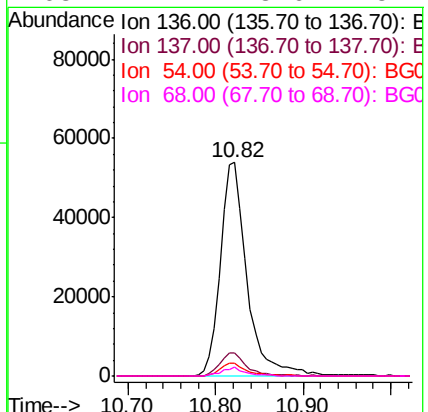
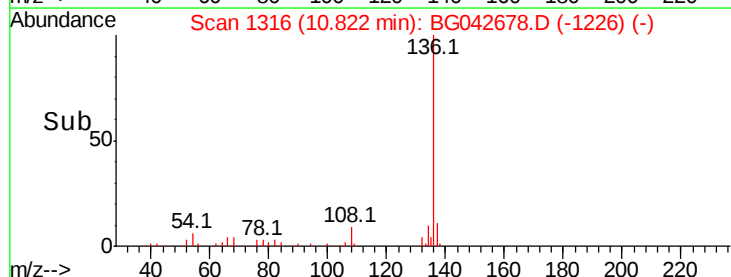
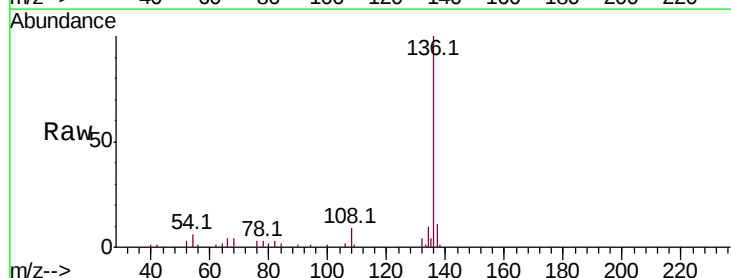
Lab File: BG042678.D

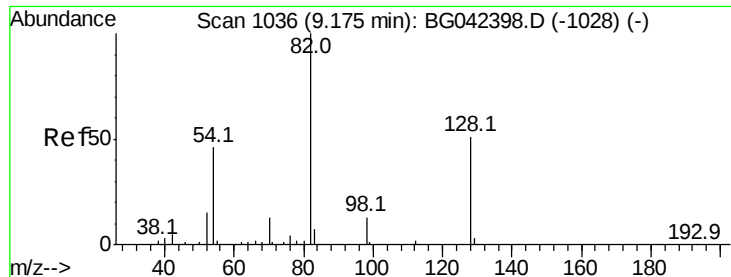
Acq: 2 Sep 2019 1:42

Tgt Ion: 136 Resp: 113377

Ion Ratio Lower Upper

136	100		
137	10.7	8.7	13.1
54	5.8	4.9	7.3
68	4.1	3.6	5.4

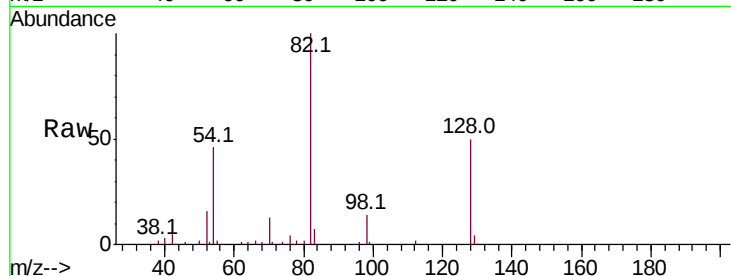




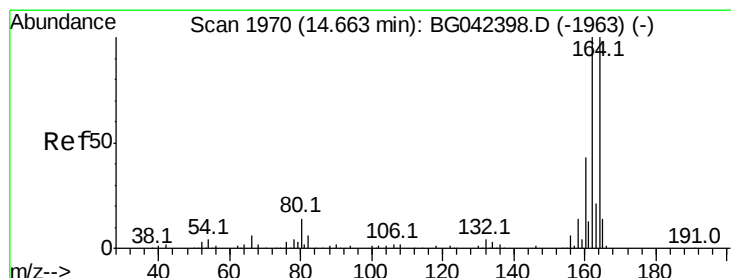
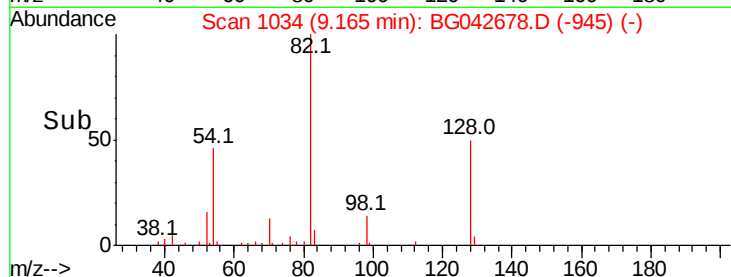
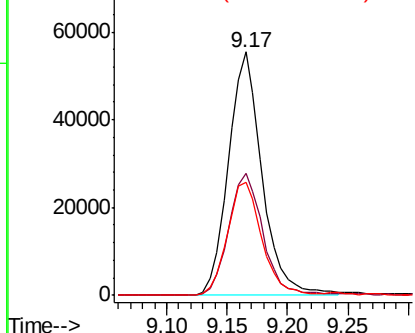
#23
Nitrobenzene-d5
Concen: 65.399 ng
RT: 9.17 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042678.D
Acq: 2 Sep 2019 1:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	107298
Ion	Ratio	Lower	Upper
82	100		
128	50.2	40.7	61.1
54	46.4	36.3	54.5

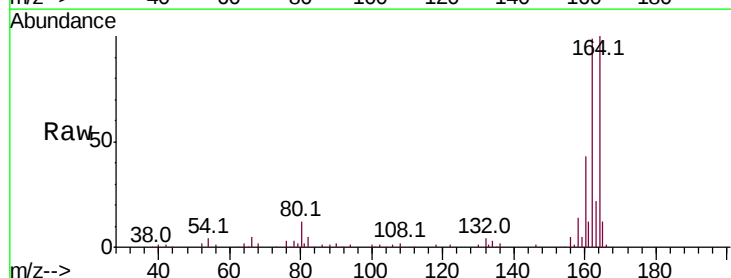


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

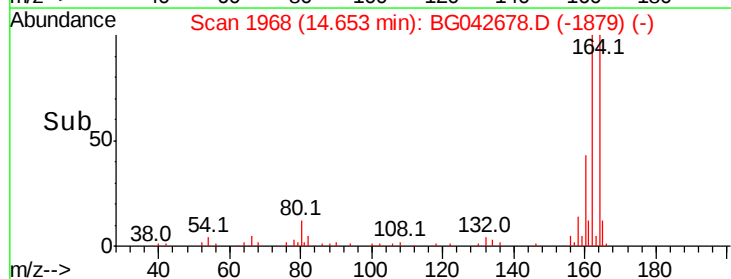
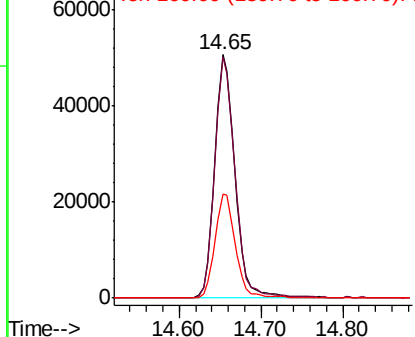


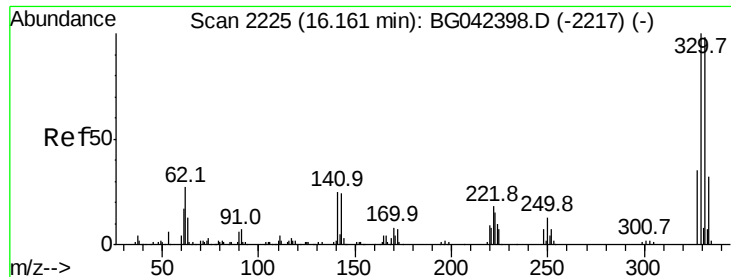
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BG042678.D
Acq: 2 Sep 2019 1:42

Tgt Ion	164	Resp	87907
Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.9	119.9
160	42.7	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

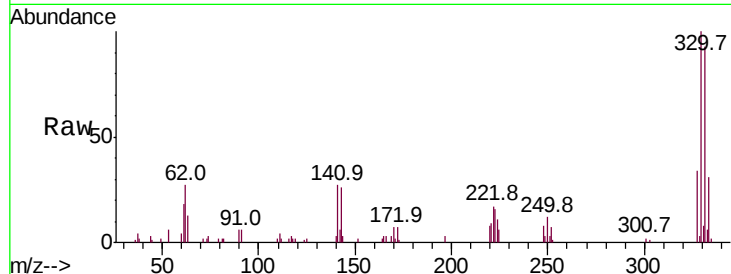




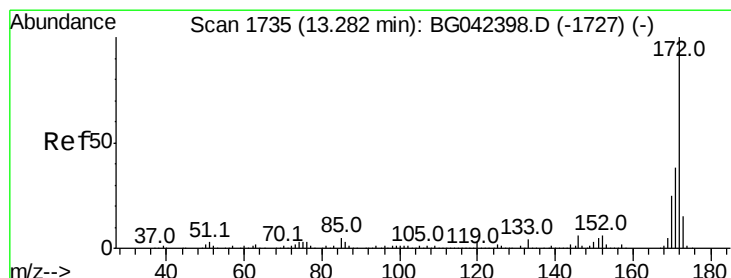
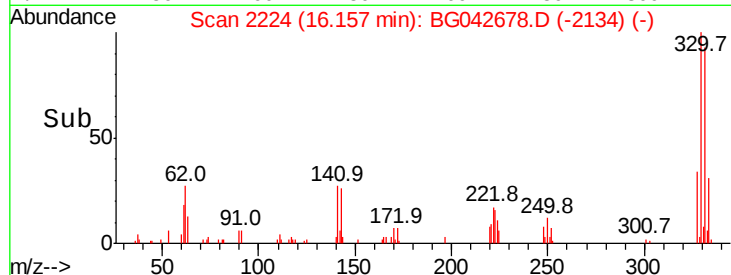
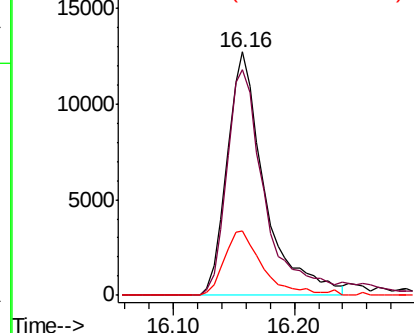
#42
 2,4,6-Tribromophenol
 Concen: 21.866 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.00 min
 Lab File: BG042678.D
 Acq: 2 Sep 2019 1:42

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.4	116.0
141	27.5	21.4	32.0

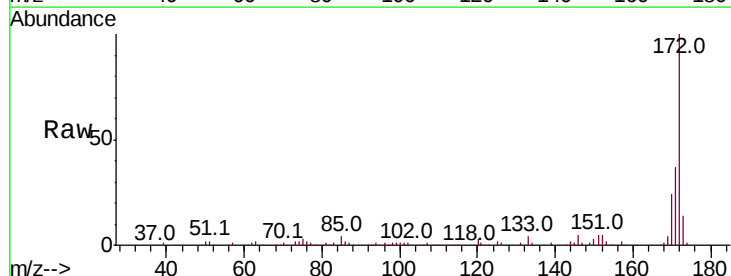


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

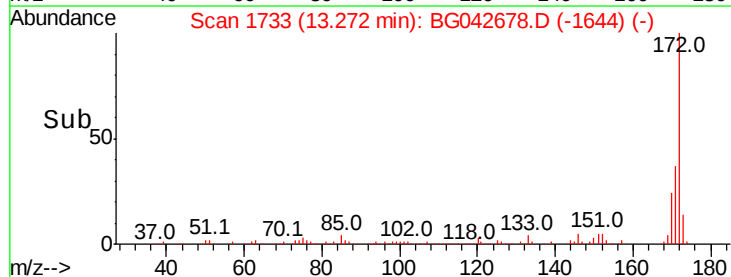
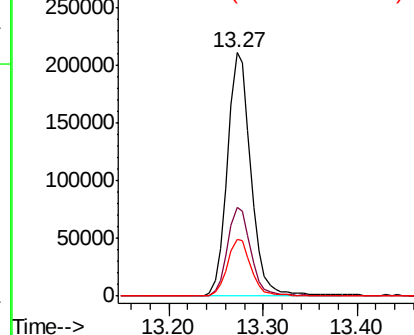


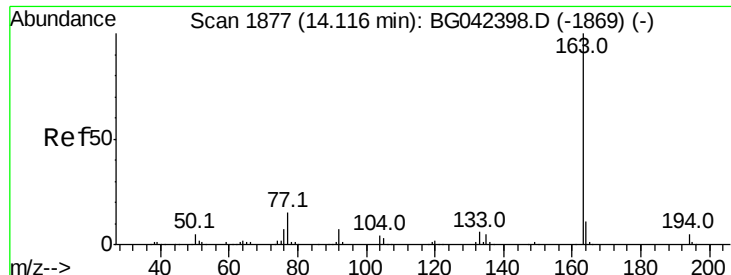
#45
 2-Fluorobiphenyl
 Concen: 70.953 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG042678.D
 Acq: 2 Sep 2019 1:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	30.5	45.7
170	23.5	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

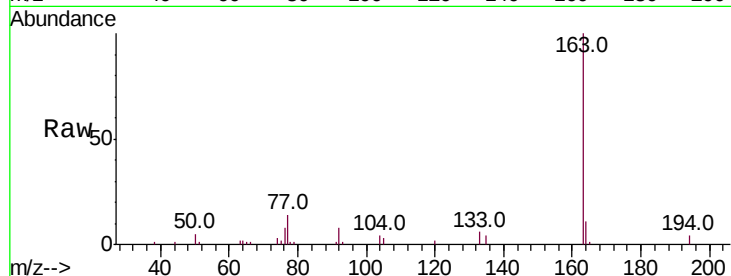




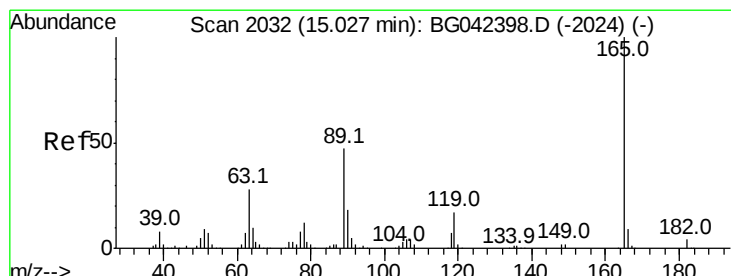
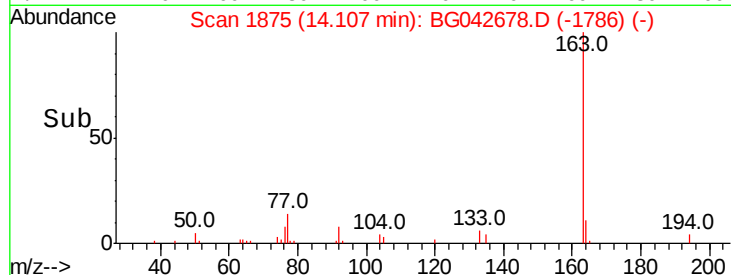
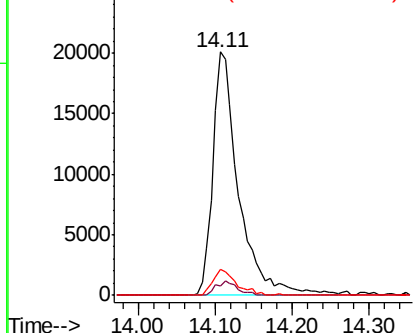
#50
Dimethylphthalate
Concen: 7.309 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.01 min
Lab File: BG042678.D
Acq: 2 Sep 2019 1:42

Instrument :
BNA_G
ClientSampled :

Tot Ion:163 Resp: 46361
Ion Ratio Lower Upper
163 100
194 4.1 4.2 6.2#
164 10.9 8.8 13.2

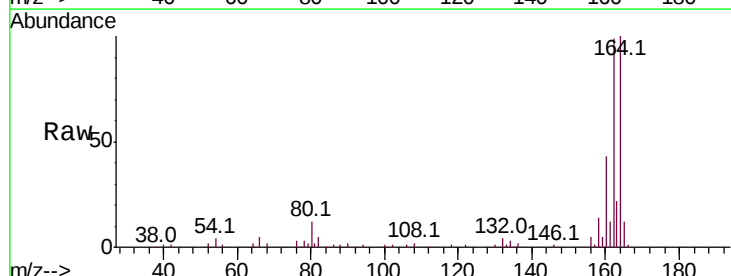


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

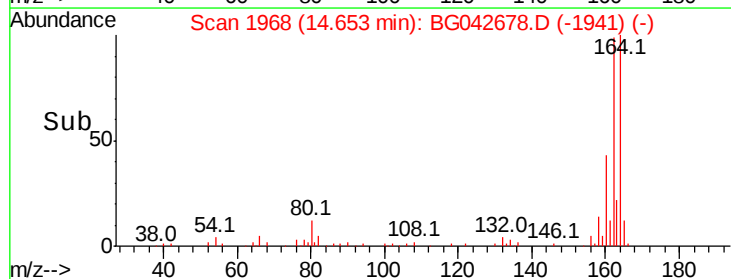
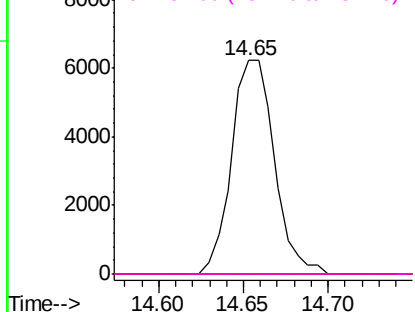


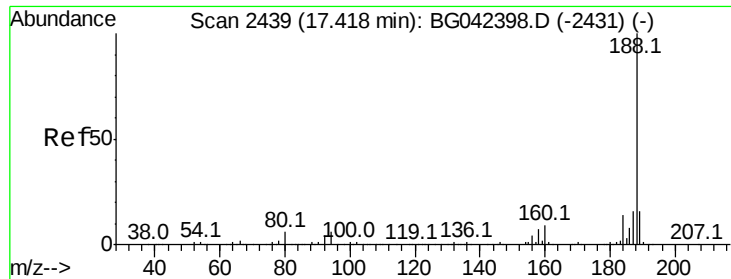
#57
2,4-Dinitrotoluene
Concen: 5.223 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.37 min
Lab File: BG042678.D
Acq: 2 Sep 2019 1:42

Tgt Ion:165 Resp: 10997
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

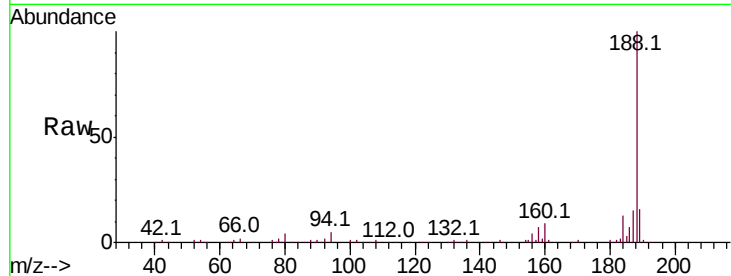




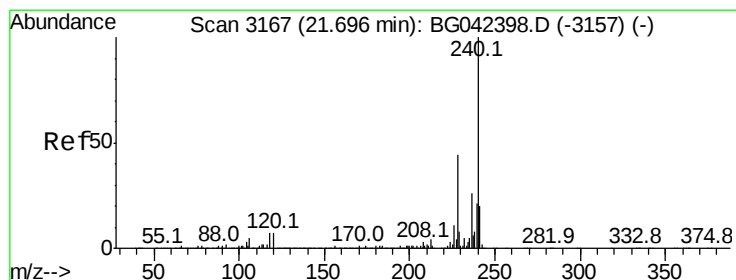
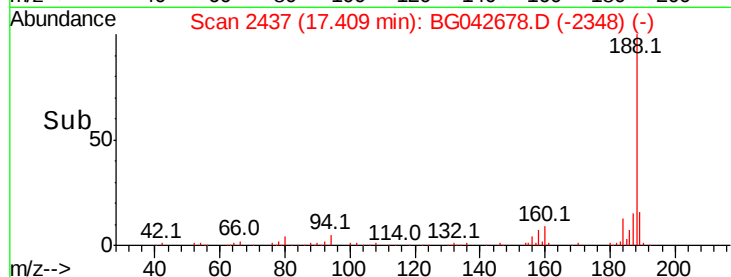
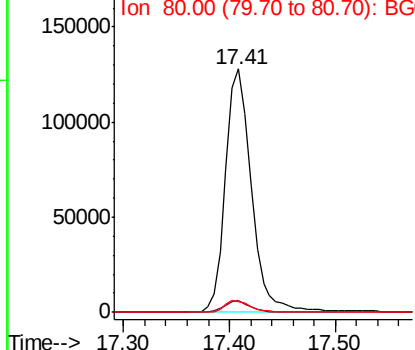
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.41 min Scan# 2437
Delta R.T. -0.01 min
Lab File: BG042678.D
Acq: 2 Sep 2019 1:42

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 218820
Ion Ratio Lower Upper
188 100
94 4.8 4.5 6.7
80 4.5 4.9 7.3#

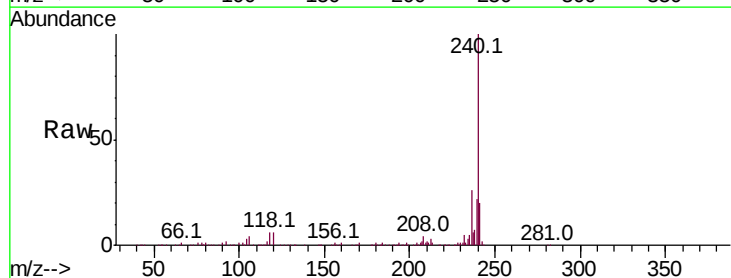


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

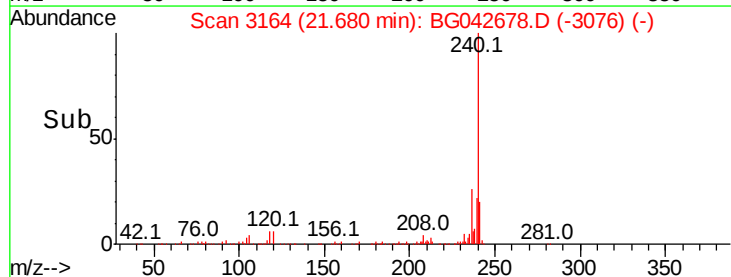
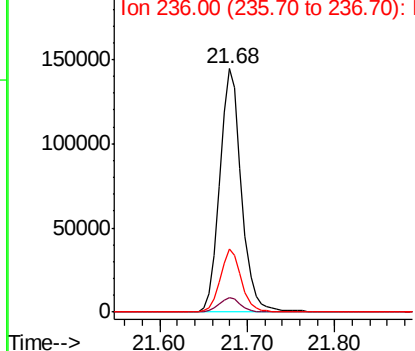


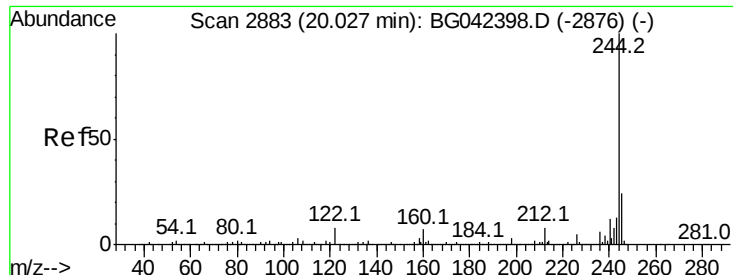
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.68 min Scan# 3164
Delta R.T. -0.02 min
Lab File: BG042678.D
Acq: 2 Sep 2019 1:42

Tgt Ion:240 Resp: 246236
Ion Ratio Lower Upper
240 100
120 5.9 5.7 8.5
236 25.7 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: 69.849 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042678.D

Acq: 2 Sep 2019 1:42

Instrument :

BNA_G

ClientSampleId :

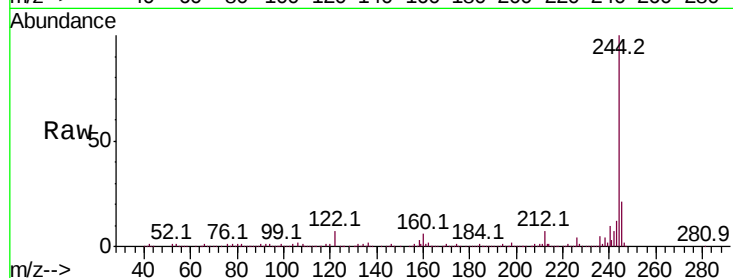
Tot Ion:244 Resp: 795564

Ion Ratio Lower Upper

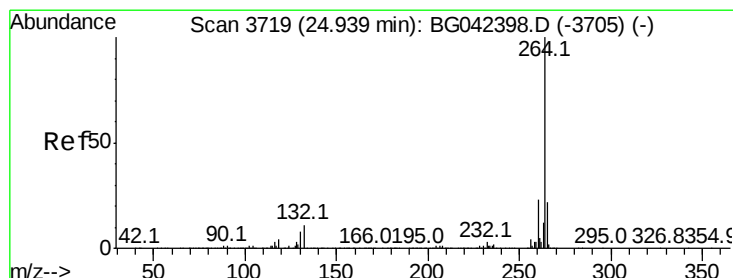
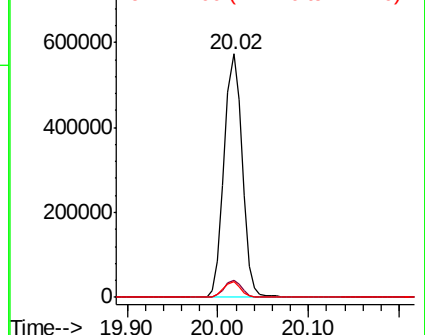
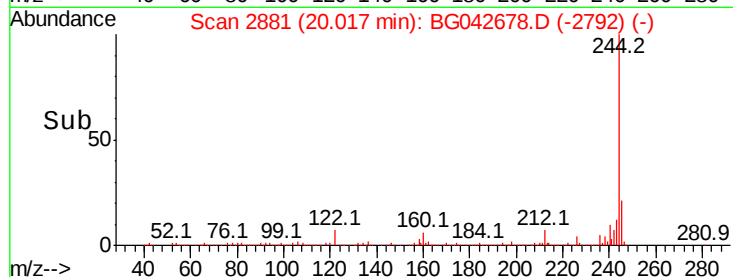
244 100

212 6.9 6.0 9.0

122 6.5 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: BG042678.D

Acq: 2 Sep 2019 1:42

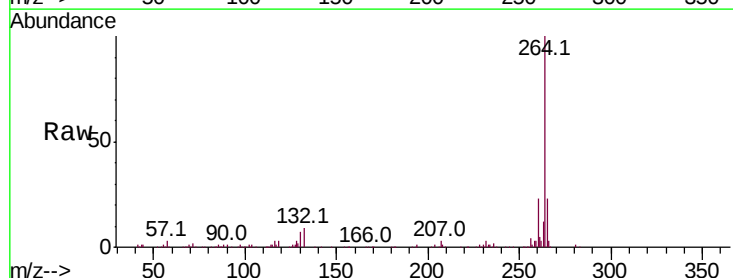
Tgt Ion:264 Resp: 286678

Ion Ratio Lower Upper

264 100

260 23.1 18.5 27.7

265 22.6 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

