

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 :
 SB-8-(0-2)

Quant Time: Sep 02 08:25:37 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

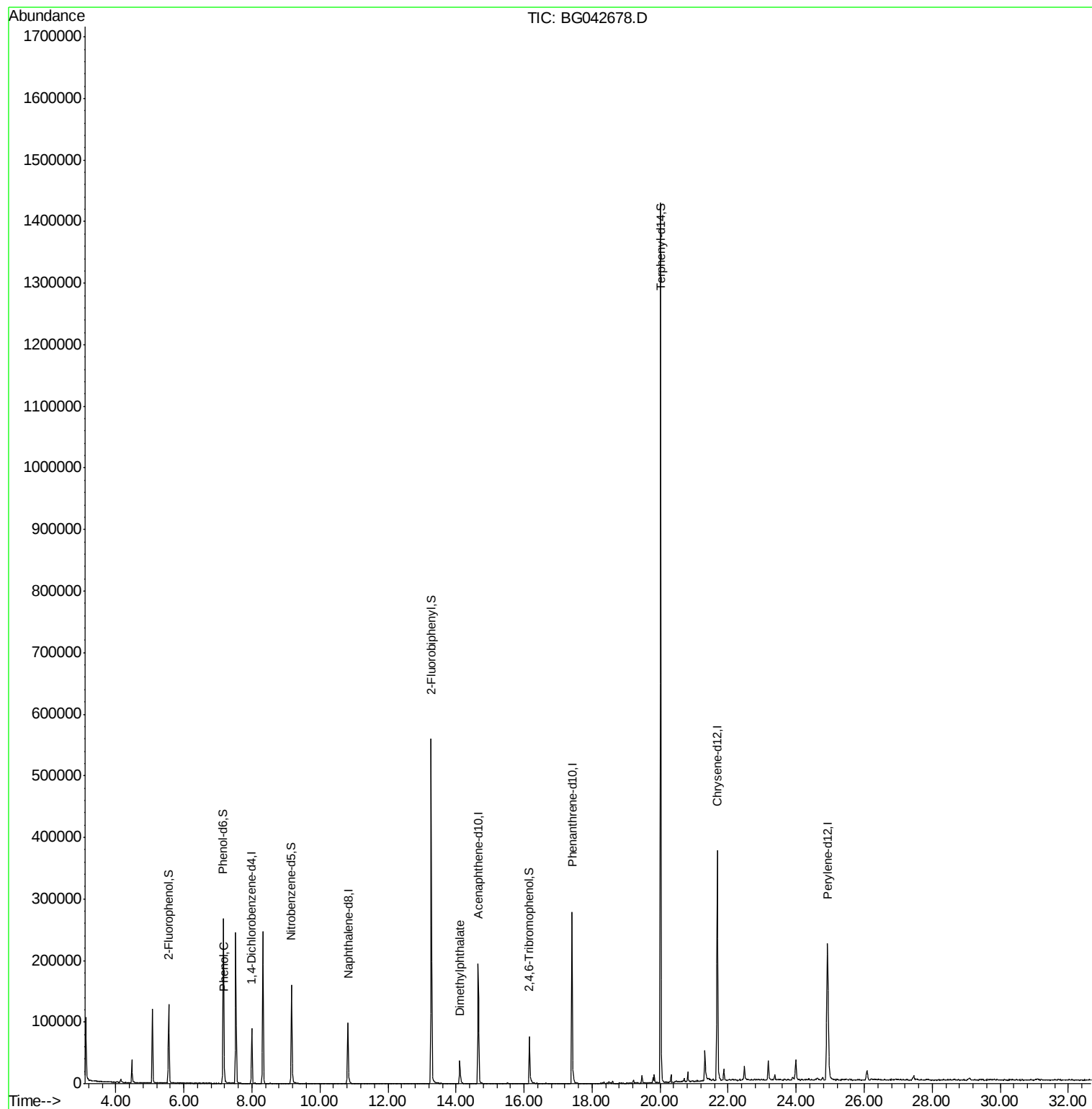
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	29515	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	113377	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	87907	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	218820	20.00	ng	0.00
76) Chrysene-d12	21.68	240	246236	20.00	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
50) Dimethylphthalate	14.11	163	46361	7.309	ng	# 99

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

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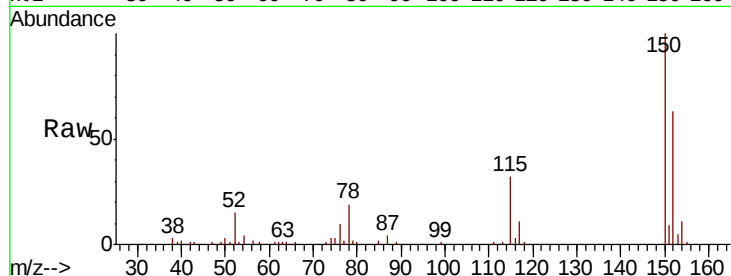


#1

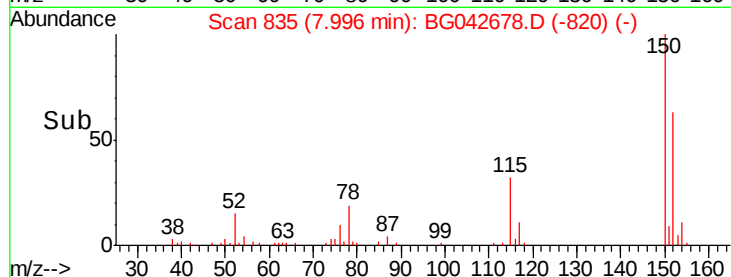
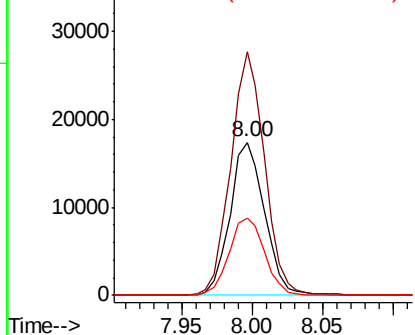
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042678.D
Acq: 2 Sep 2019 1:42

Instrument :
BNA_G
ClientSampleId :
SB-8-(0-2)

Tot Ion:152 Resp: 29515
Ion Ratio Lower Upper
152 100
150 158.8 125.4 188.0
115 50.6 38.5 57.7



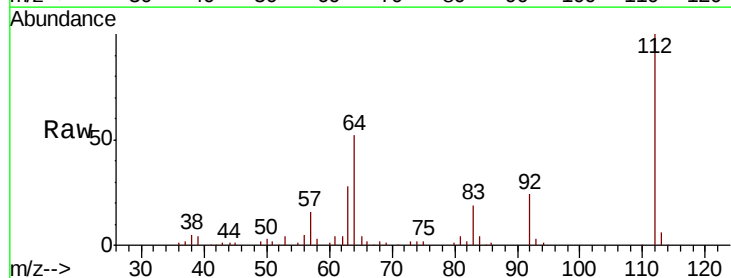
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



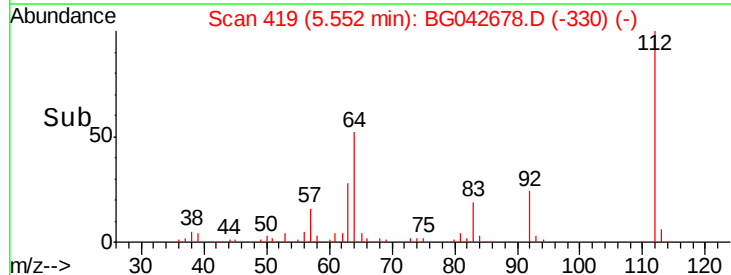
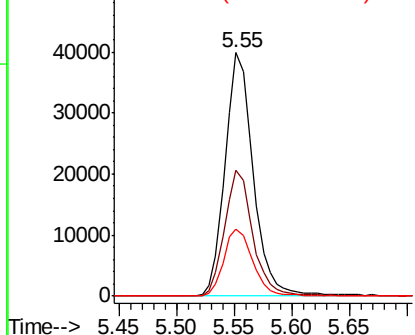
#5

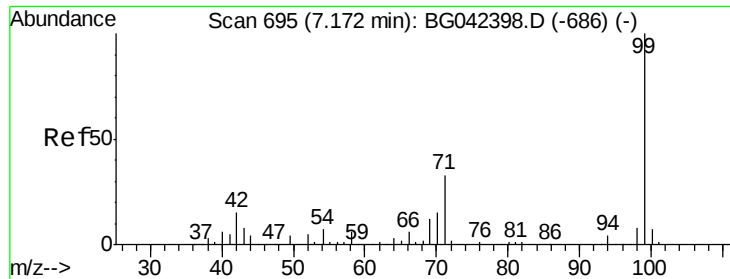
2-Fluorophenol
Concen: 46.347 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042678.D
Acq: 2 Sep 2019 1:42

Tgt Ion:112 Resp: 67542
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 :

SB-8-(0-2)

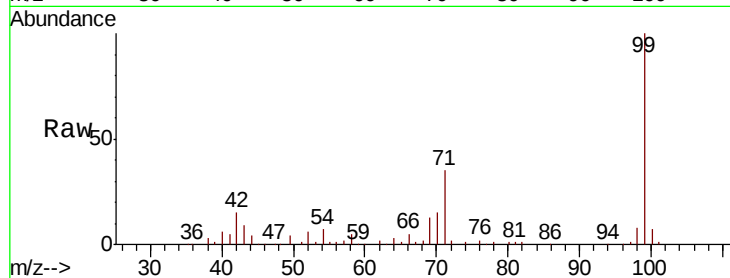
Tot Ion: 99 Resp: 180824

Ion Ratio Lower Upper

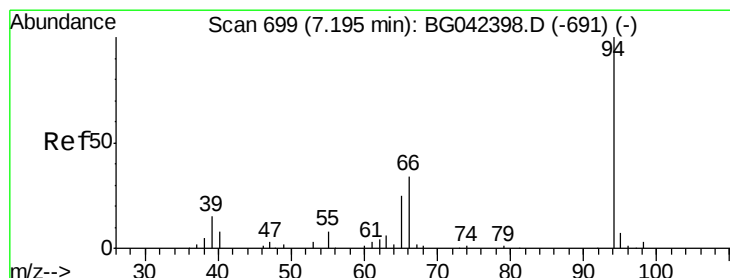
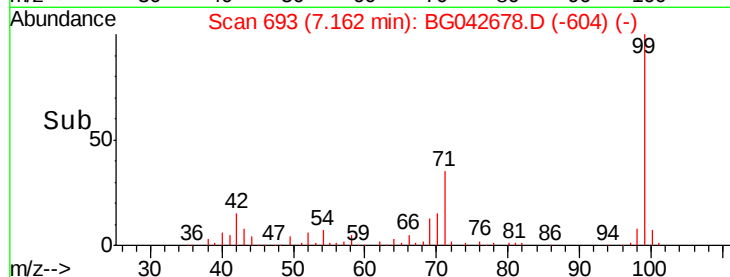
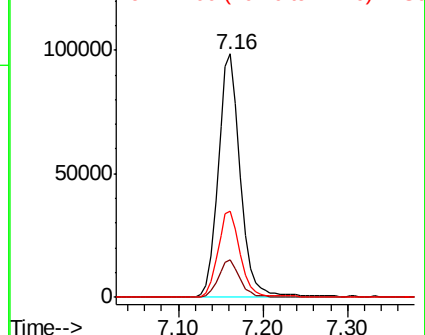
99 100

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

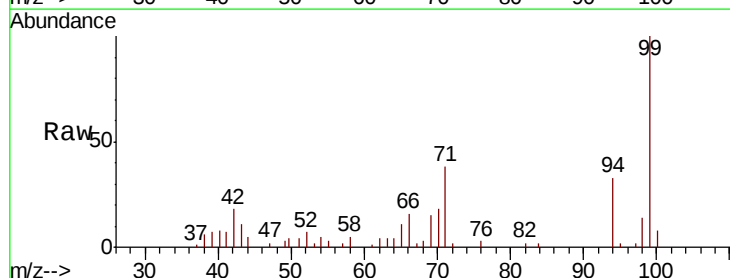
Tgt Ion: 94 Resp: 6852

Ion Ratio Lower Upper

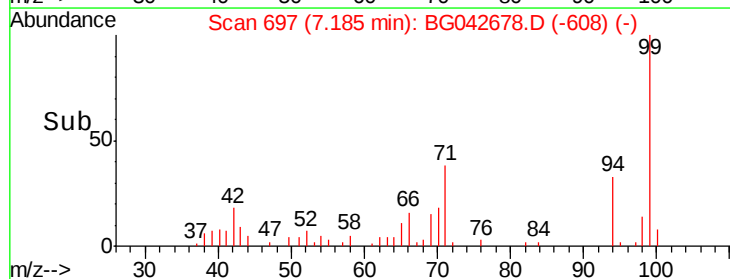
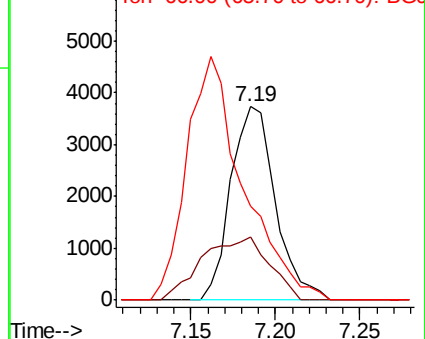
94 100

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





#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

Instrument :

BNA_G

ClientSampleId :

SB-8-(0-2)

Tot Ion:136 Resp: 113377

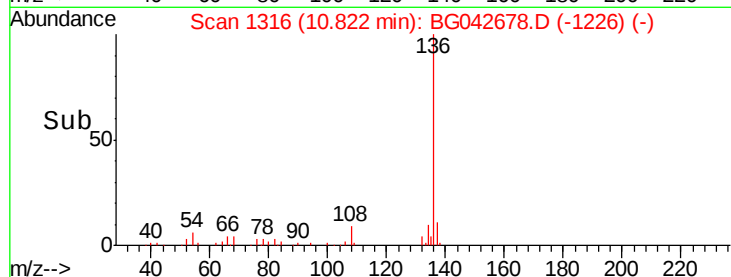
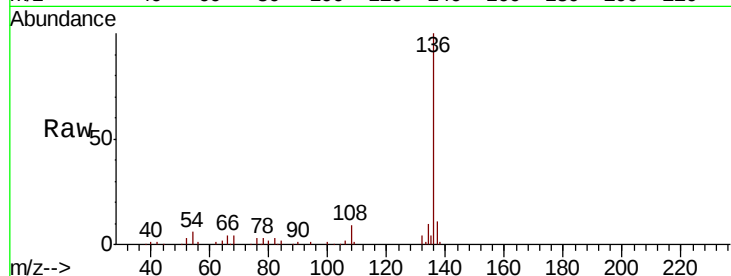
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 5.8 4.9 7.3

68 4.1 3.6 5.4

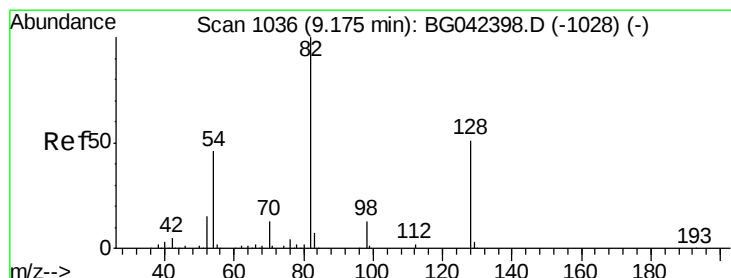
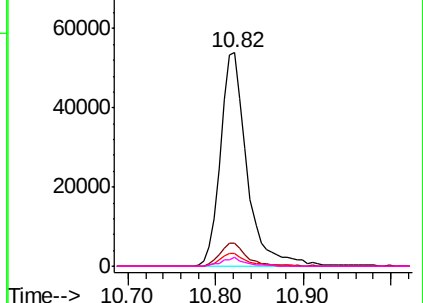


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#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

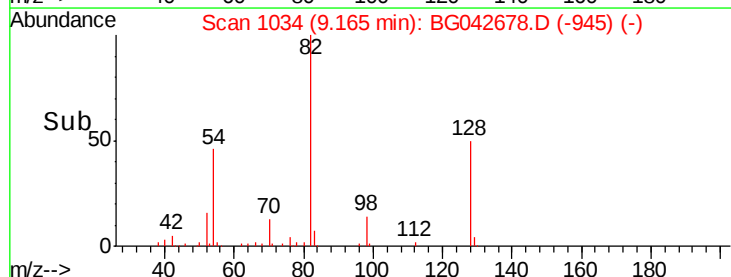
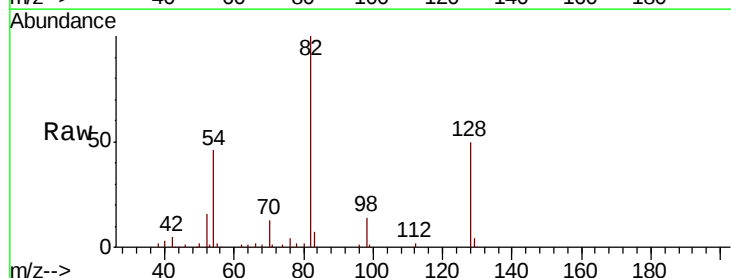
Tgt Ion: 82 Resp: 107298

Ion Ratio Lower Upper

82 100

128 50.2 40.7 61.1

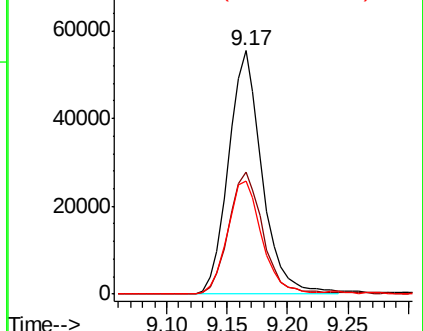
54 46.4 36.3 54.5

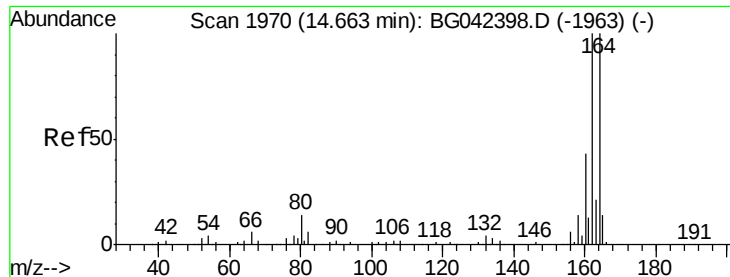


Abundance Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

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

Instrument :

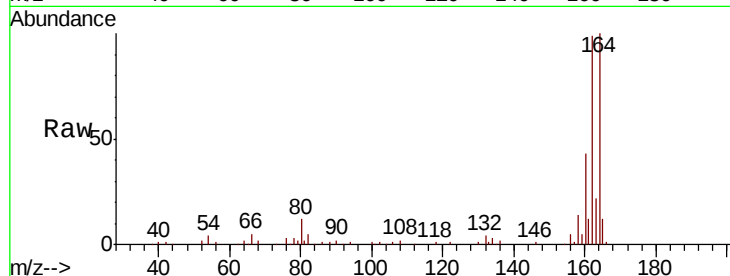
BNA_G

ClientSampleId :

SB-8-(0-2)

Tot Ion:164 Resp: 87907

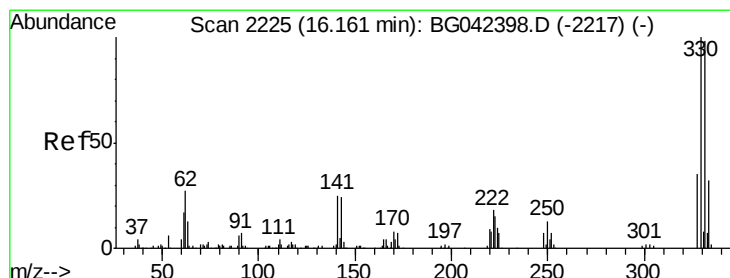
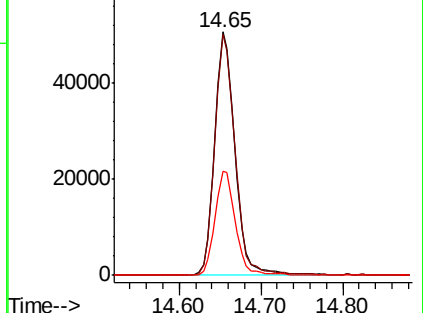
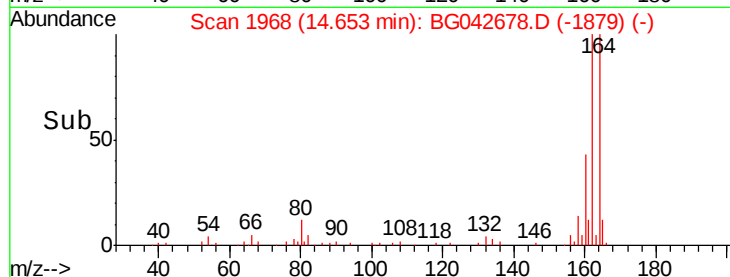
Ion	Ratio	Lower	Upper
164	100		
162	99.0	79.9	119.9
160	42.7	34.3	51.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 21.866 ng

RT: 16.16 min Scan# 2224

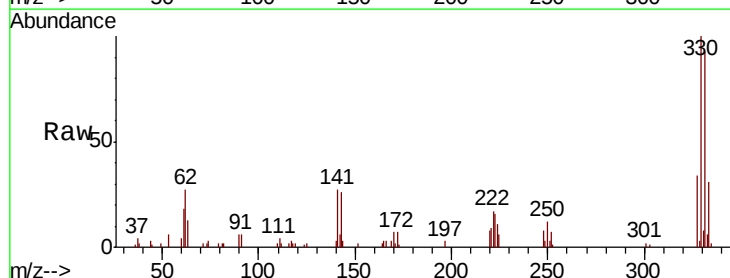
Delta R.T. -0.00 min

Lab File: BG042678.D

Acq: 2 Sep 2019 1:42

Tgt Ion:330 Resp: 27321

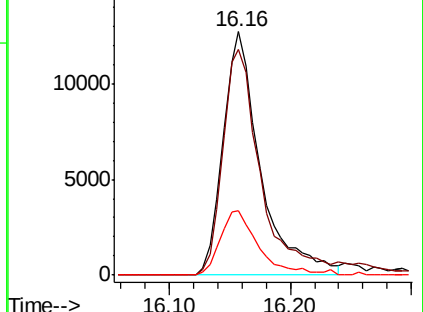
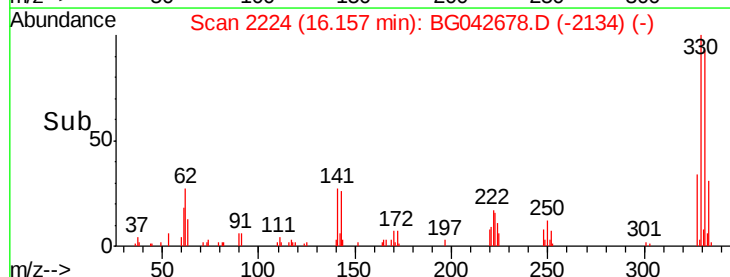
Ion	Ratio	Lower	Upper
330	100		
332	93.3	77.4	116.0
141	27.5	21.4	32.0



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

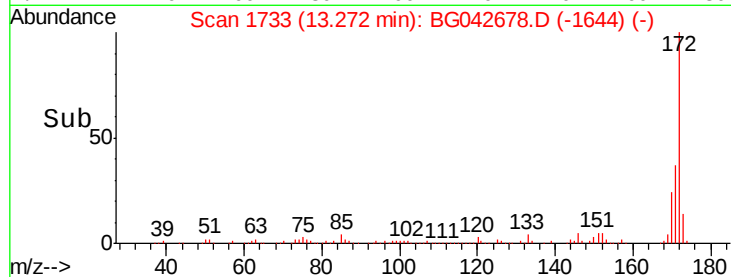
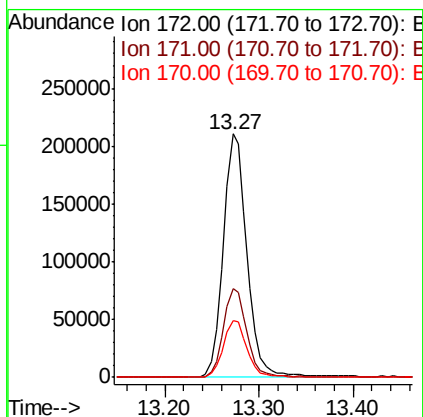
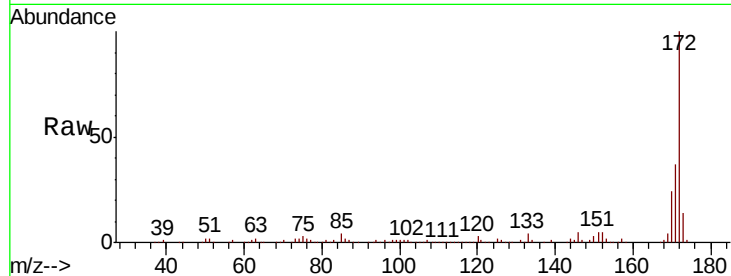




#45
2-Fluorobiphenyl
Concen: 70.953 ng
RT: 13.27 min Scan# 1733
Delta R.T. -0.01 min
Lab File: BG042678.D
Acq: 2 Sep 2019 1:42

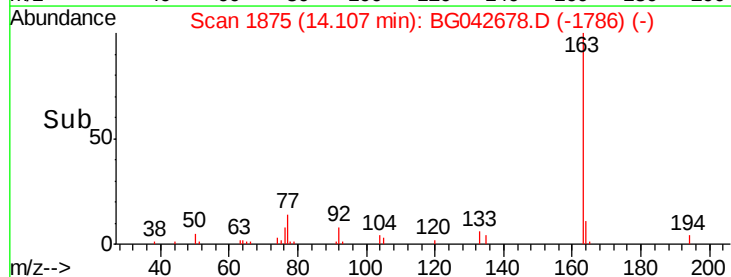
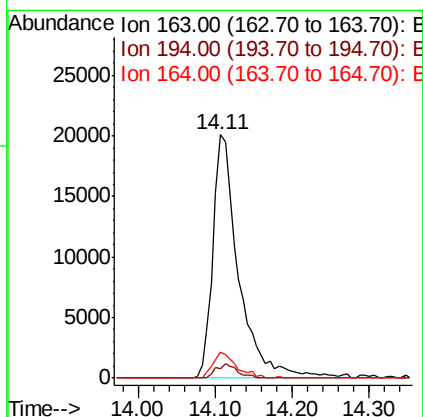
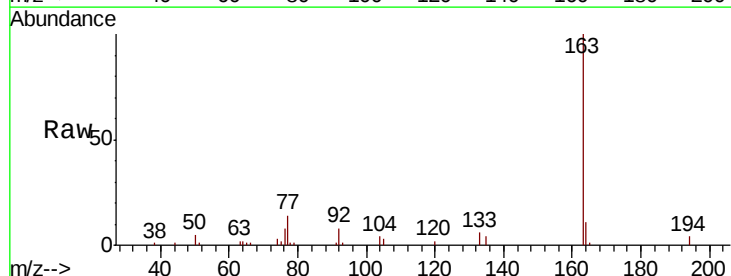
Instrument :
BNA_G
ClientSampleId :
SB-8-(0-2)

Tot Ion:172 Resp: 368787
Ion Ratio Lower Upper
172 100
171 36.6 30.5 45.7
170 23.5 20.2 30.2



#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

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





#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 :

SB-8-(0-2)

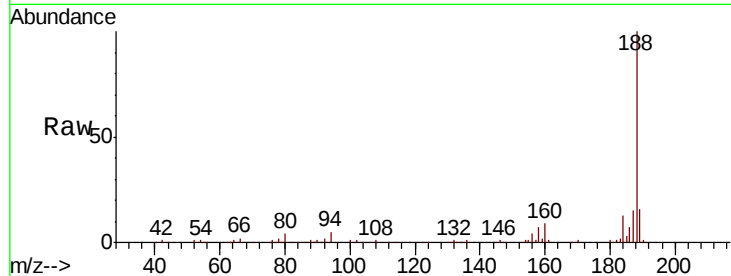
Tot Ion:188 Resp: 218820

Ion Ratio Lower Upper

188 100

94 4.8 4.5 6.7

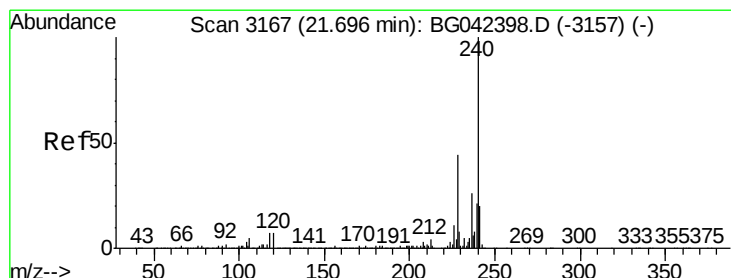
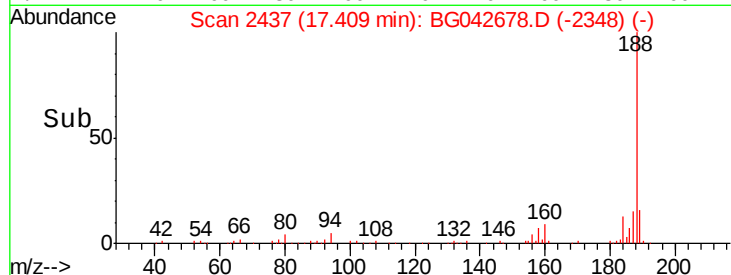
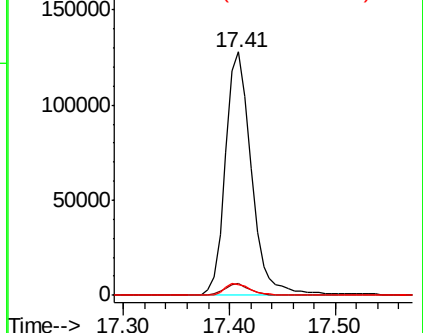
80 4.5 4.9 7.3#



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

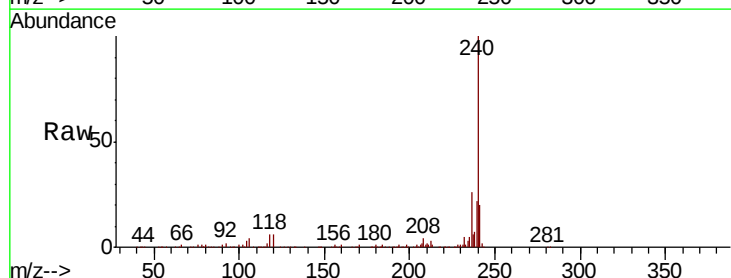
Tgt Ion:240 Resp: 246236

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

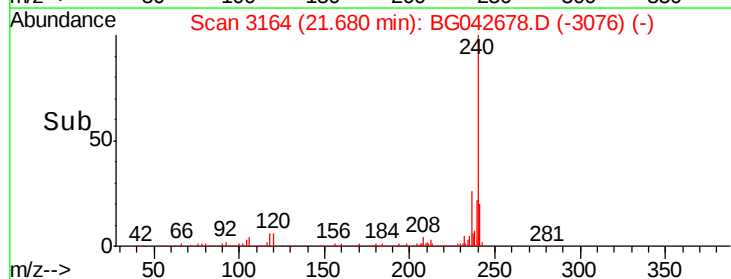
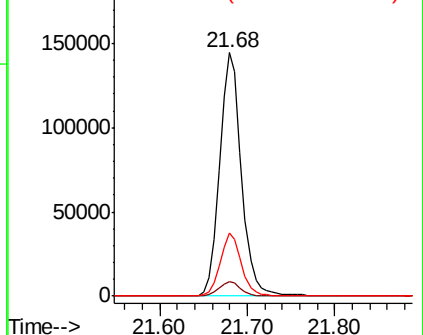
236 25.7 21.0 31.4



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 :

SB-8-(0-2)

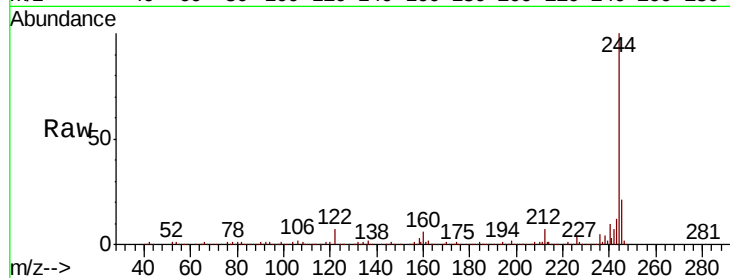
Tot Ion:244 Resp: 795564

Ion Ratio Lower Upper

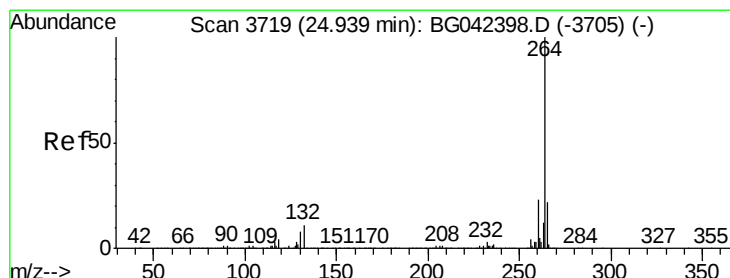
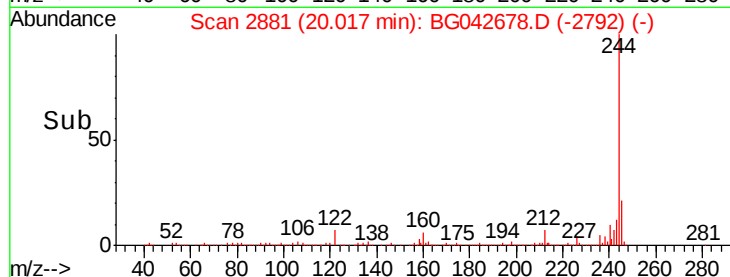
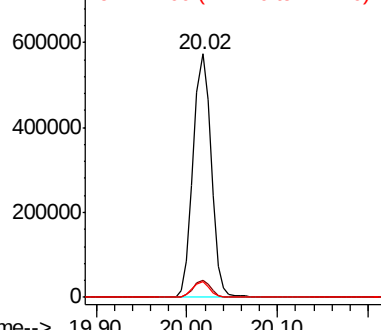
244 100

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

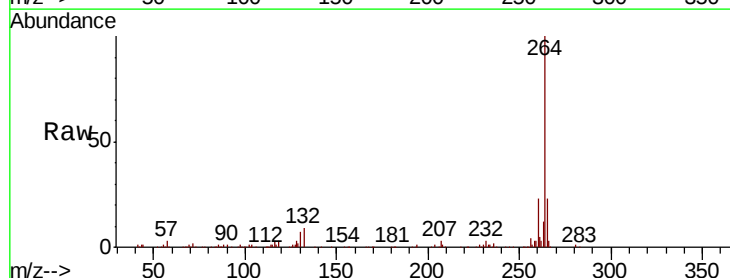
Tgt Ion:264 Resp: 286678

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

