

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081919\
 Data File : BG042342.D
 Acq On : 20 Aug 2019 1:00
 Operator : HP/JU
 Sample : K4238-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-17

Quant Time: Aug 20 07:18:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG081919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 13:40:37 2019
 Response via : Initial Calibration

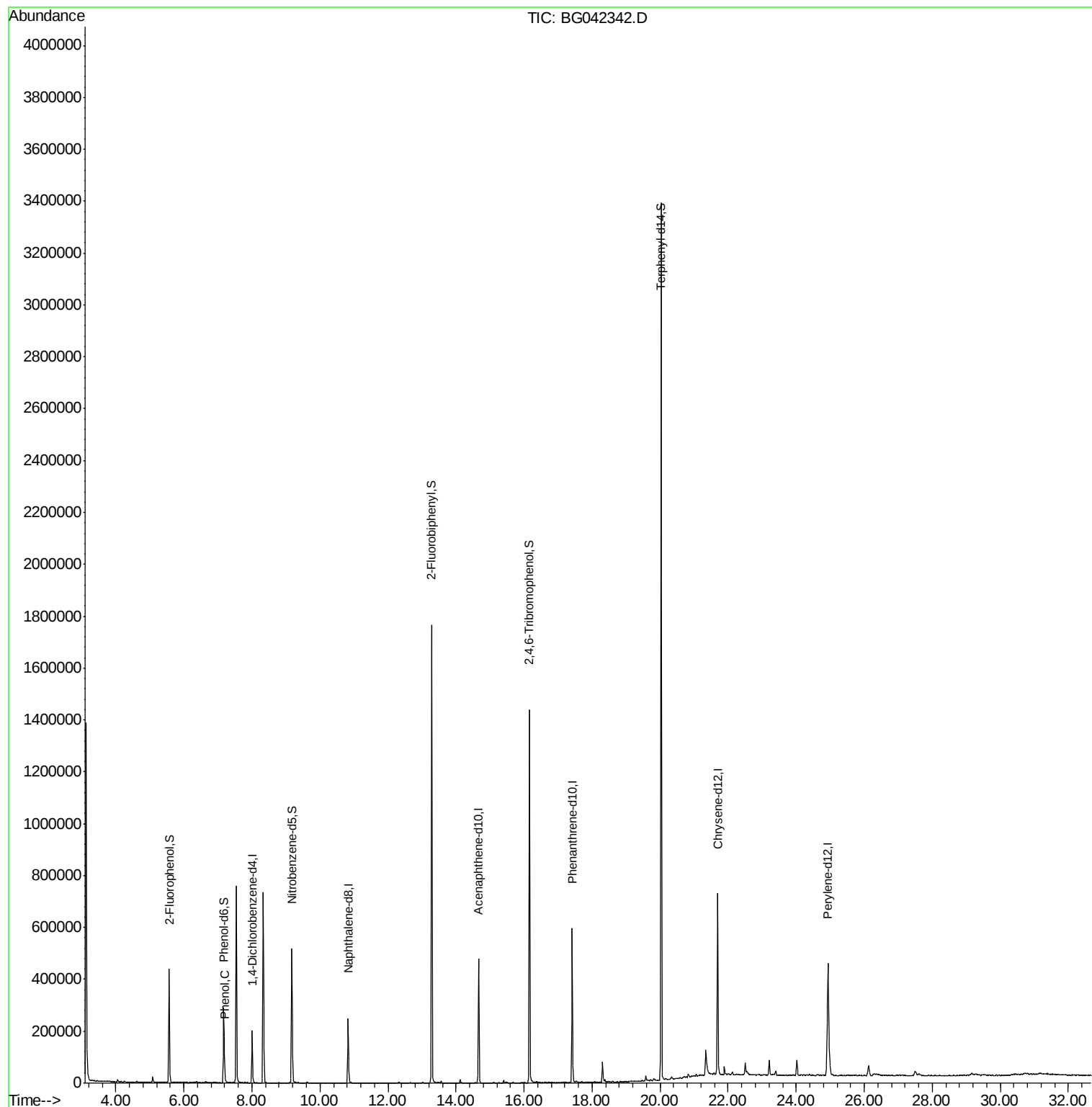
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	65752	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	254592	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	185009	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	407607	20.00	ng	0.00
76) Chrysene-d12	21.69	240	428854	20.00	ng	0.00
87) Perylene-d12	24.93	264	504236	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	224775	69.26	ng	0.00
7) Phenol-d6	7.17	99	206102	46.76	ng	0.00
23) Nitrobenzene-d5	9.18	82	341758	94.41	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	333532	132.37	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1033870	94.56	ng	0.00
79) Terphenyl-d14	20.03	244	1783291	91.08	ng	0.00
Target Compounds						
10) Phenol	7.20	94	21006	4.688	ng	Qvalue 98

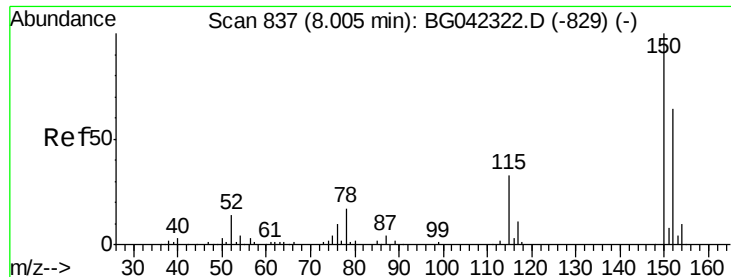
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. 0.00 min

Lab File: BG042342.D

Acq: 20 Aug 2019 1:00

Instrument :

BNA_G

ClientSampleId :

TP-17

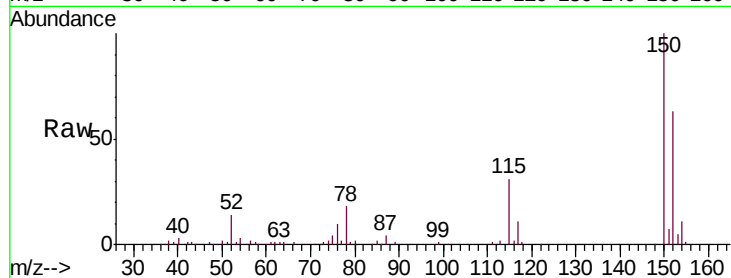
Tot Ion:152 Resp: 65752

Ion Ratio Lower Upper

152 100

150 157.6 124.3 186.5

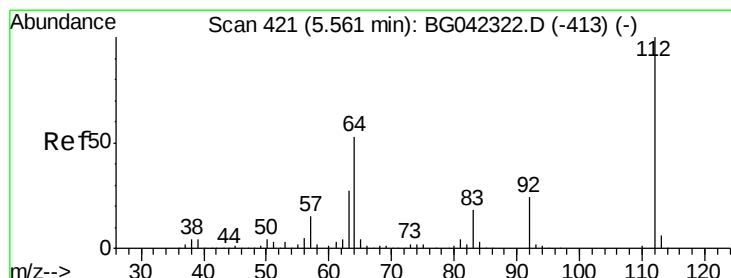
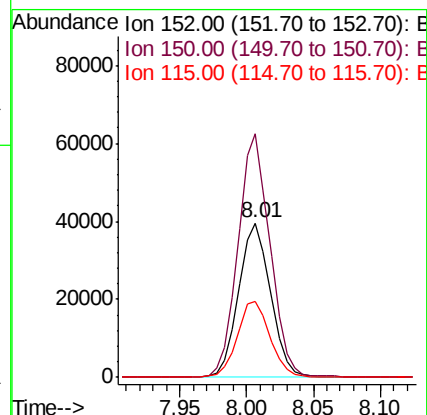
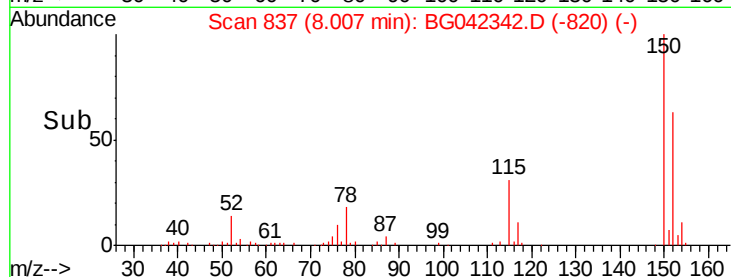
115 48.9 40.5 60.7



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: 69.263 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG042342.D

Acq: 20 Aug 2019 1:00

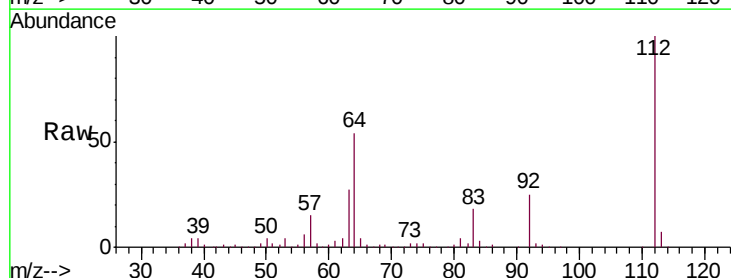
Tgt Ion:112 Resp: 224775

Ion Ratio Lower Upper

112 100

64 54.4 42.5 63.7

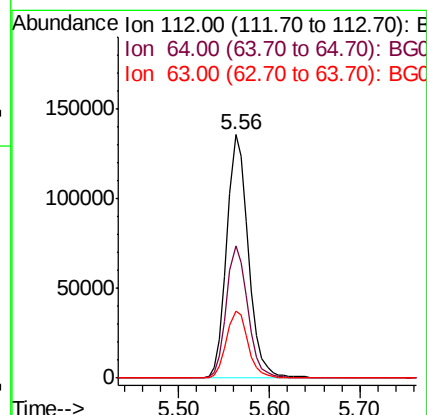
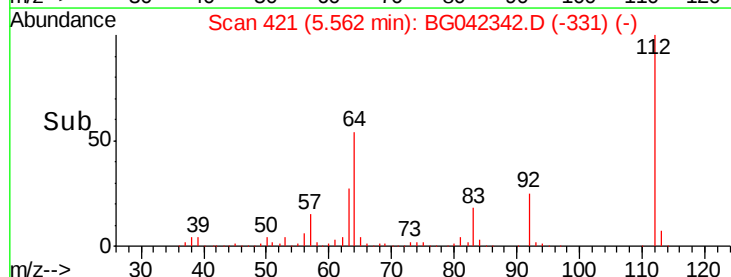
63 27.4 21.7 32.5

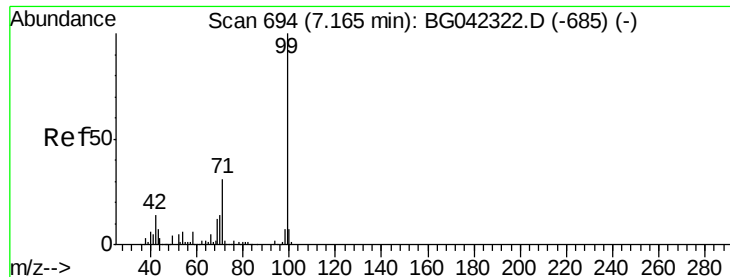


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 46.762 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042342.D

Acq: 20 Aug 2019 1:00

Instrument :

BNA_G

ClientSampleId :

TP-17

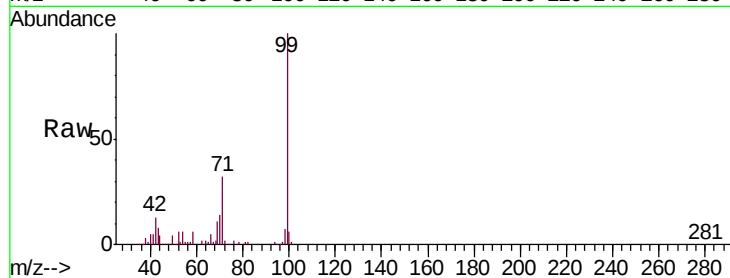
Tot Ion: 99 Resp: 206102

Ion Ratio Lower Upper

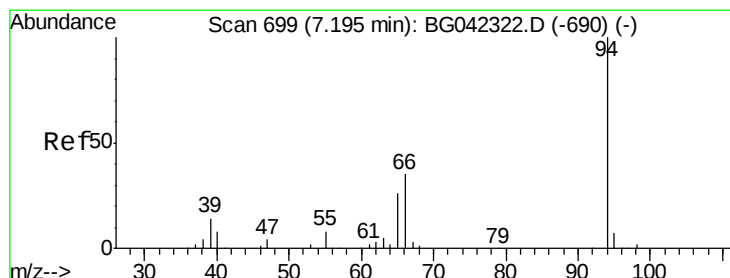
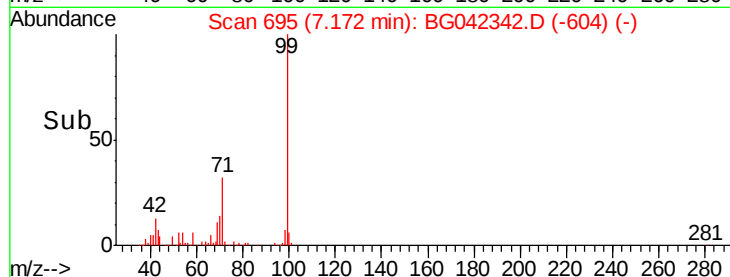
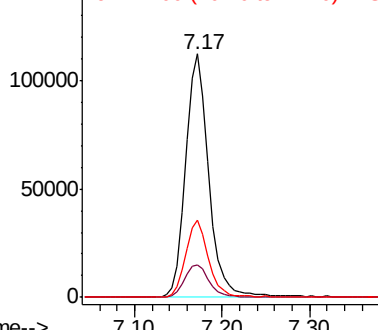
99 100

42 13.4 11.4 17.0

71 31.7 25.1 37.7



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: 4.688 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.01 min

Lab File: BG042342.D

Acq: 20 Aug 2019 1:00

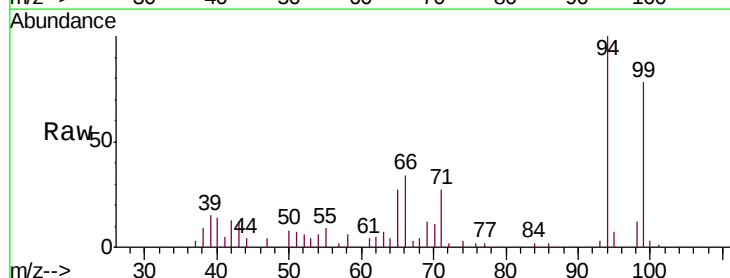
Tgt Ion: 94 Resp: 21006

Ion Ratio Lower Upper

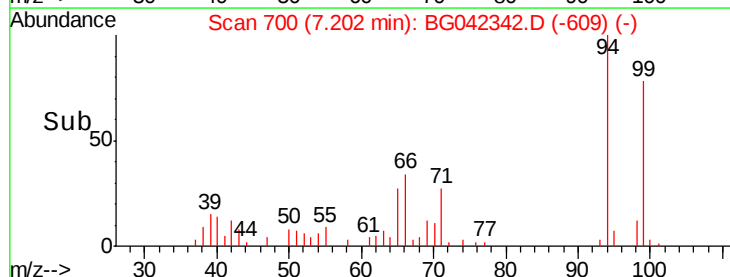
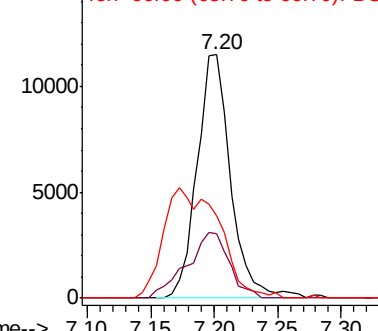
94 100

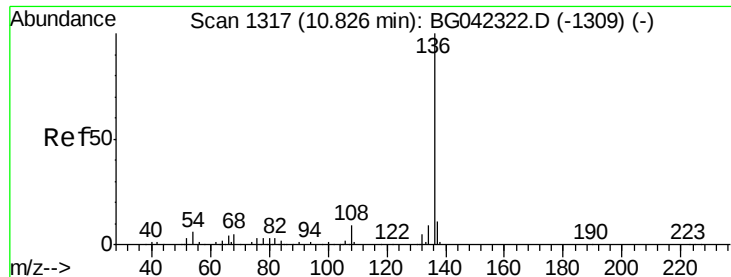
65 26.7 6.1 46.1

66 33.8 15.7 55.7



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: 10.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BG042342.D

Acq: 20 Aug 2019 1:00

Instrument :

BNA_G

ClientSampleId :

TP-17

Tot Ion:136 Resp: 254592

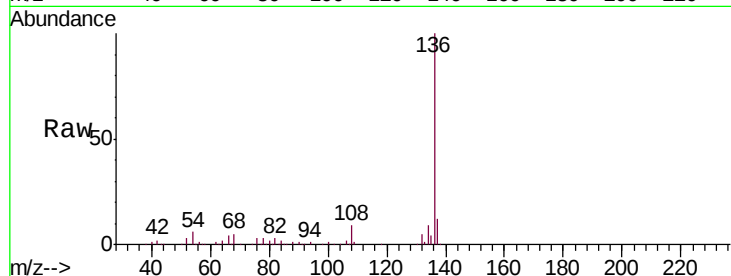
Ion Ratio Lower Upper

136 100

137 11.7 8.4 12.6

54 6.4 5.0 7.4

68 4.8 3.8 5.8

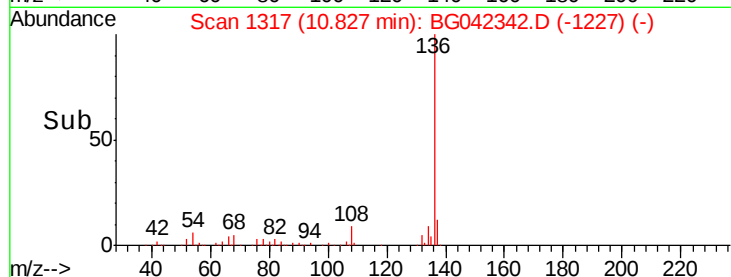


Abundance Ion 136.00 (135.70 to 136.70): E

200000 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



10.83

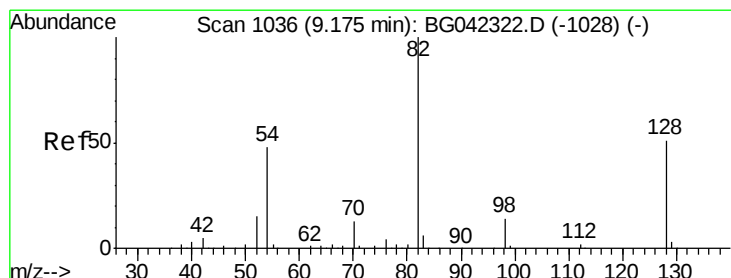
150000

100000

50000

0

Time-->



#23

Nitrobenzene-d5

Concen: 94.413 ng

RT: 9.18 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BG042342.D

Acq: 20 Aug 2019 1:00

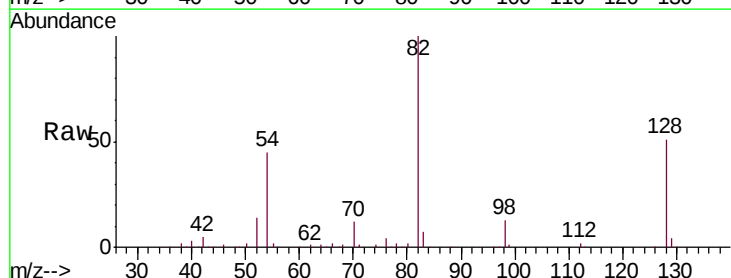
Tgt Ion: 82 Resp: 341758

Ion Ratio Lower Upper

82 100

128 51.0 41.0 61.4

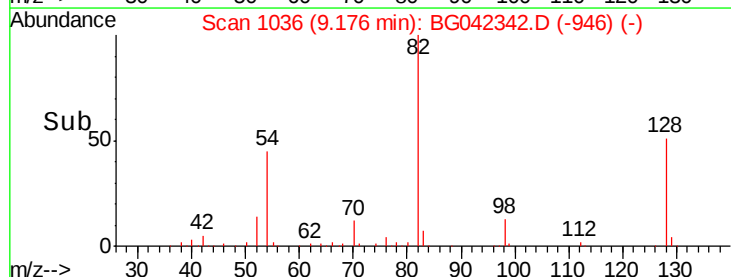
54 45.0 38.0 57.0



Abundance Ion 82.00 (81.70 to 82.70): BGC

250000 Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC



9.18

200000

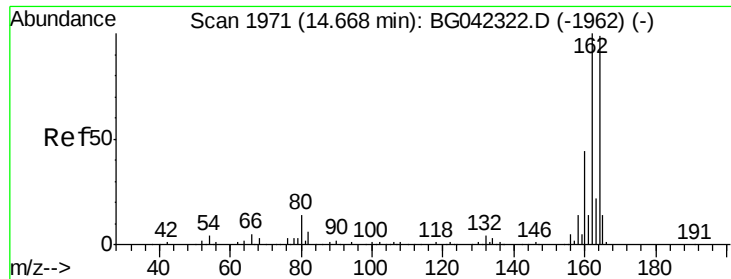
150000

100000

50000

0

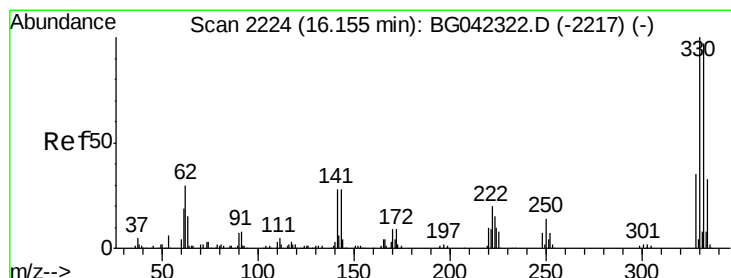
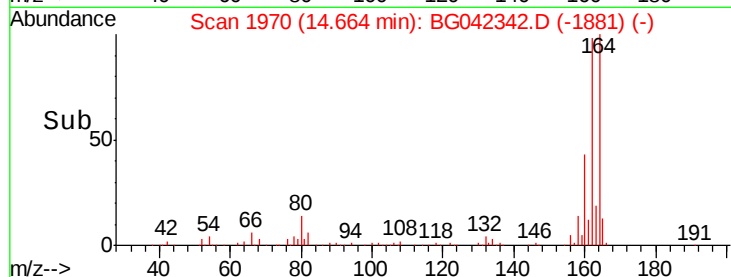
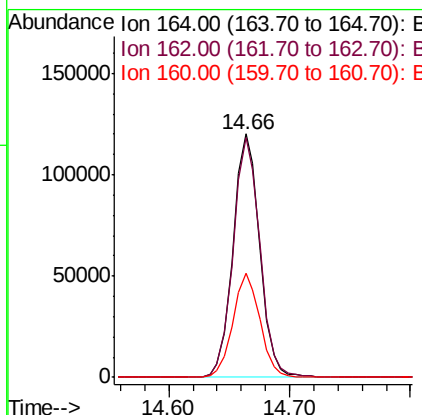
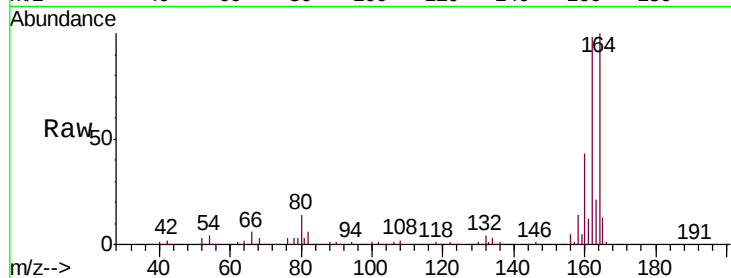
Time-->



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042342.D
Acq: 20 Aug 2019 1:00

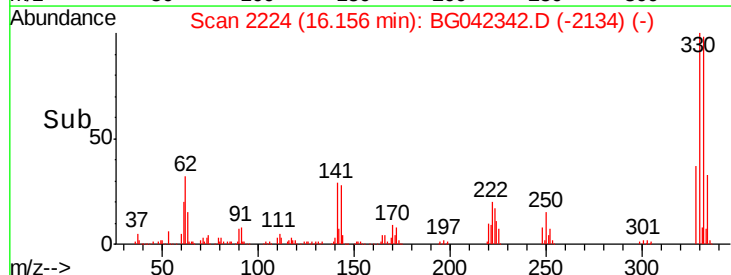
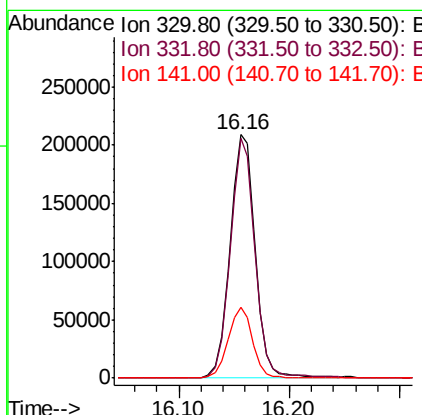
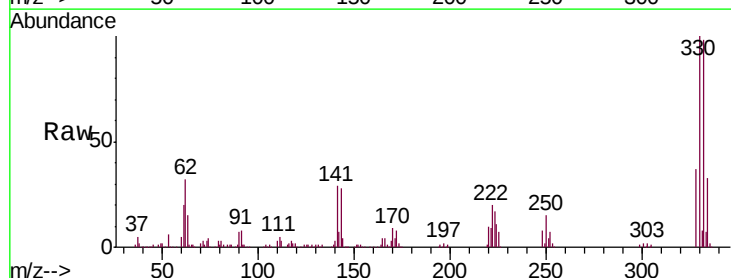
Instrument :
BNA_G
ClientSampleId :
TP-17

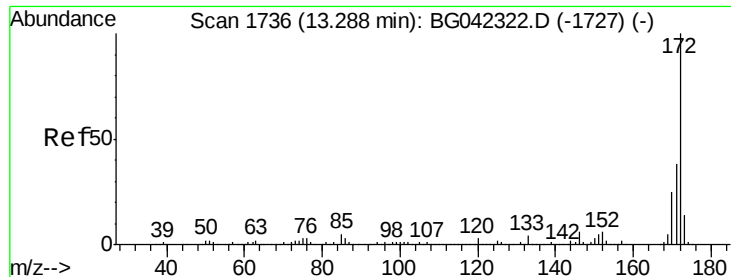
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.3	80.6	120.8
160	42.8	35.7	53.5



#42
2,4,6-Tribromophenol
Concen: 132.365 ng
RT: 16.16 min Scan# 2224
Delta R.T. 0.00 min
Lab File: BG042342.D
Acq: 20 Aug 2019 1:00

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.9	115.3
141	28.2	21.8	32.6



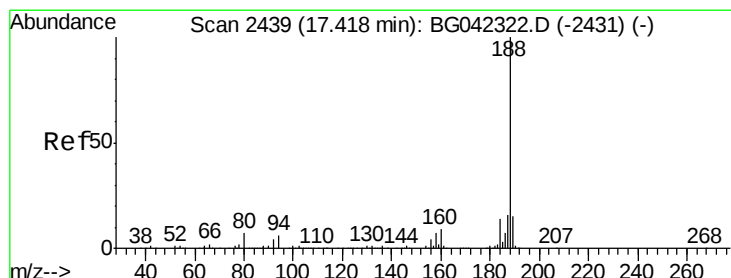
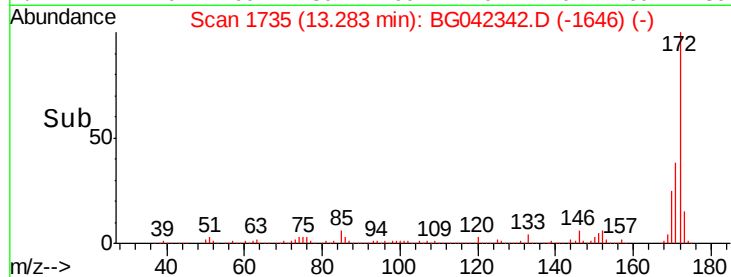
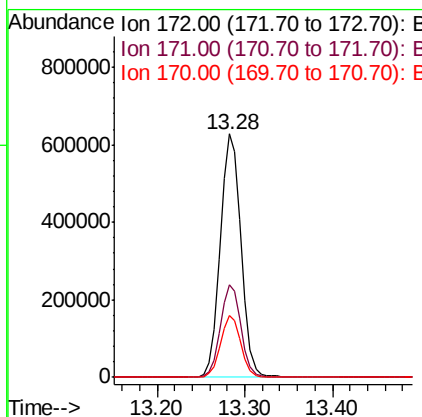
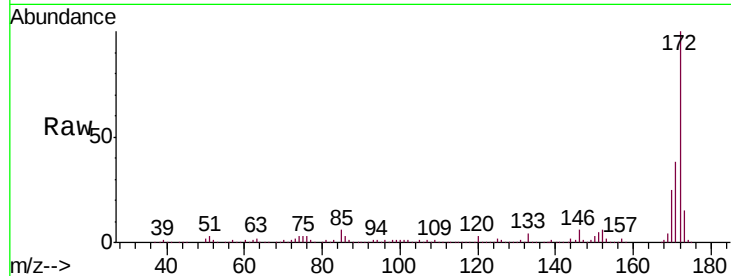


#45
 2-Fluorobiphenyl
 Concen: 94.561 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042342.D
 Acq: 20 Aug 2019 1:00

Instrument :
 BNA_G
 ClientSampleId :
 TP-17

Tot Ion:172 Resp: 1033870

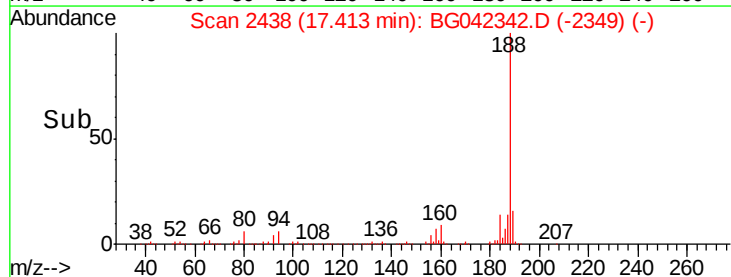
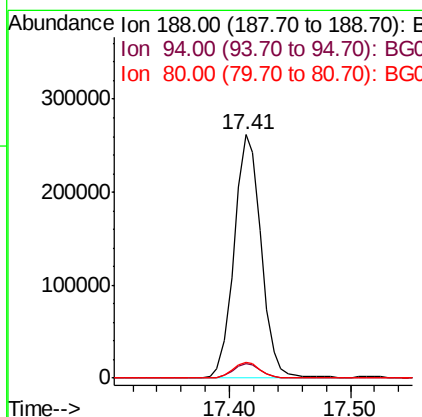
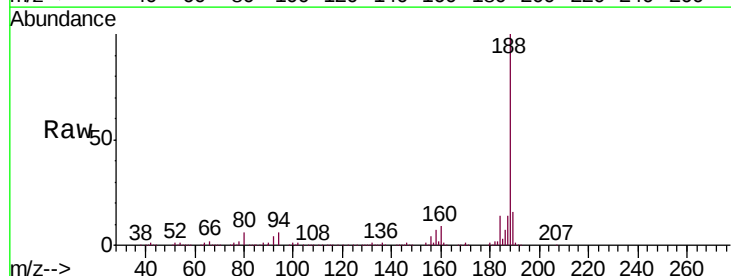
Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.3	45.5
170	25.4	20.0	30.0

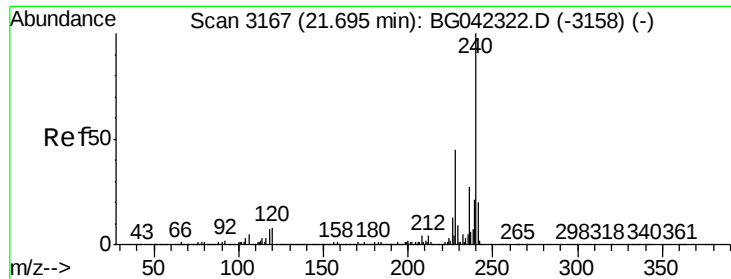


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.41 min Scan# 2438
 Delta R.T. -0.00 min
 Lab File: BG042342.D
 Acq: 20 Aug 2019 1:00

Tgt Ion:188 Resp: 407607

Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.9	7.3
80	6.4	5.4	8.0

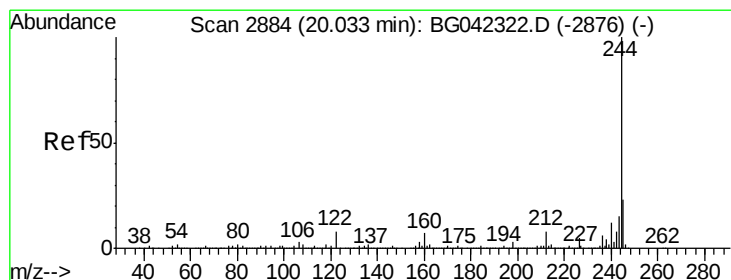
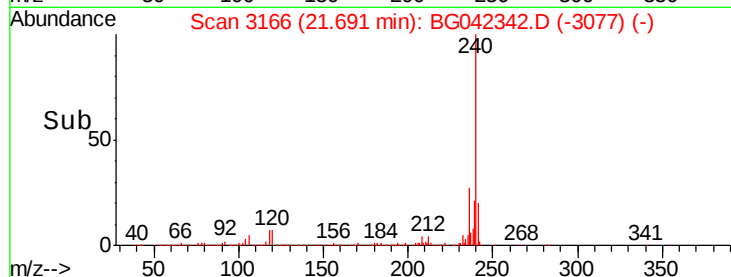
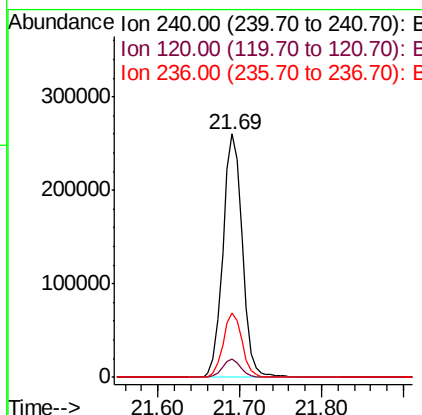
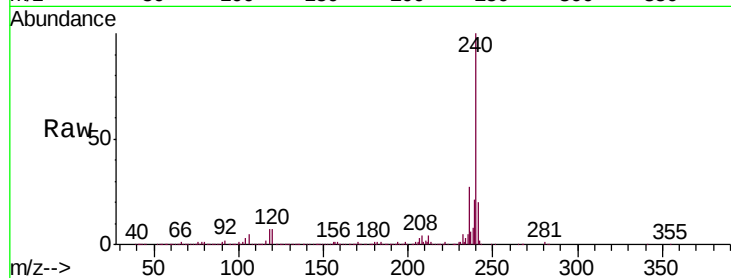




#76
 Chrvsene-d12
 Concen: 20.000 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.00 min
 Lab File: BG042342.D
 Acq: 20 Aug 2019 1:00

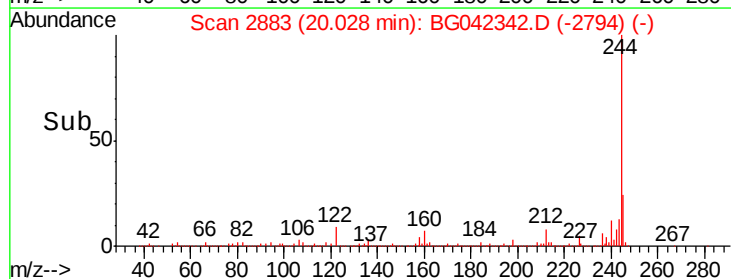
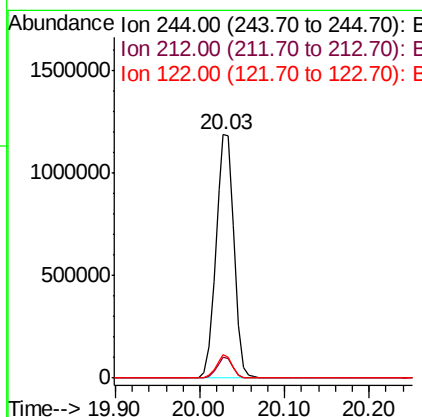
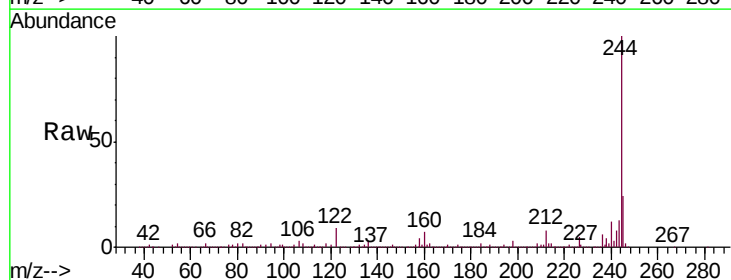
Instrument :
 BNA_G
 ClientSampleId :
 TP-17

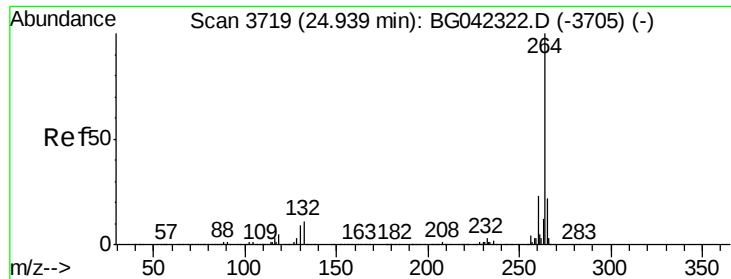
Tot Ion:240 Resp: 428854
 Ion Ratio Lower Upper
 240 100
 120 7.4 6.0 9.0
 236 26.7 21.6 32.4



#79
 Terphenyl-d14
 Concen: 91.078 ng
 RT: 20.03 min Scan# 2883
 Delta R.T. -0.00 min
 Lab File: BG042342.D
 Acq: 20 Aug 2019 1:00

Tgt Ion:244 Resp: 1783291
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.4 9.6
 122 9.4 6.6 10.0





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.00 min
Lab File: BG042342.D
Acq: 20 Aug 2019 1:00

Instrument :
BNA_G
ClientSampleId :
TP-17

Tot Ion:264 Resp: 504236
Ion Ratio Lower Upper
264 100
260 23.0 18.4 27.6
265 20.9 17.4 26.0

