

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042651.D
 Acq On : 1 Sep 2019 3:25
 Operator : HP/JU
 Sample : K4544-39
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T16-17-E1-E4-(0-2.25)

Quant Time: Sep 01 05:40:53 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	7.99	152	35152	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	130087	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	94495	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	227668	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	255750	20.00	ng	-0.01
87) Perylene-d12	24.92	264	295253	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	232418	133.91	ng	0.00
7) Phenol-d6	7.16	99	276809	118.07	ng	-0.01
23) Nitrobenzene-d5	9.16	82	193207	102.63	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	205062	152.68	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	615523	110.17	ng	0.00
79) Terphenyl-d14	20.02	244	1243083	105.08	ng	0.00

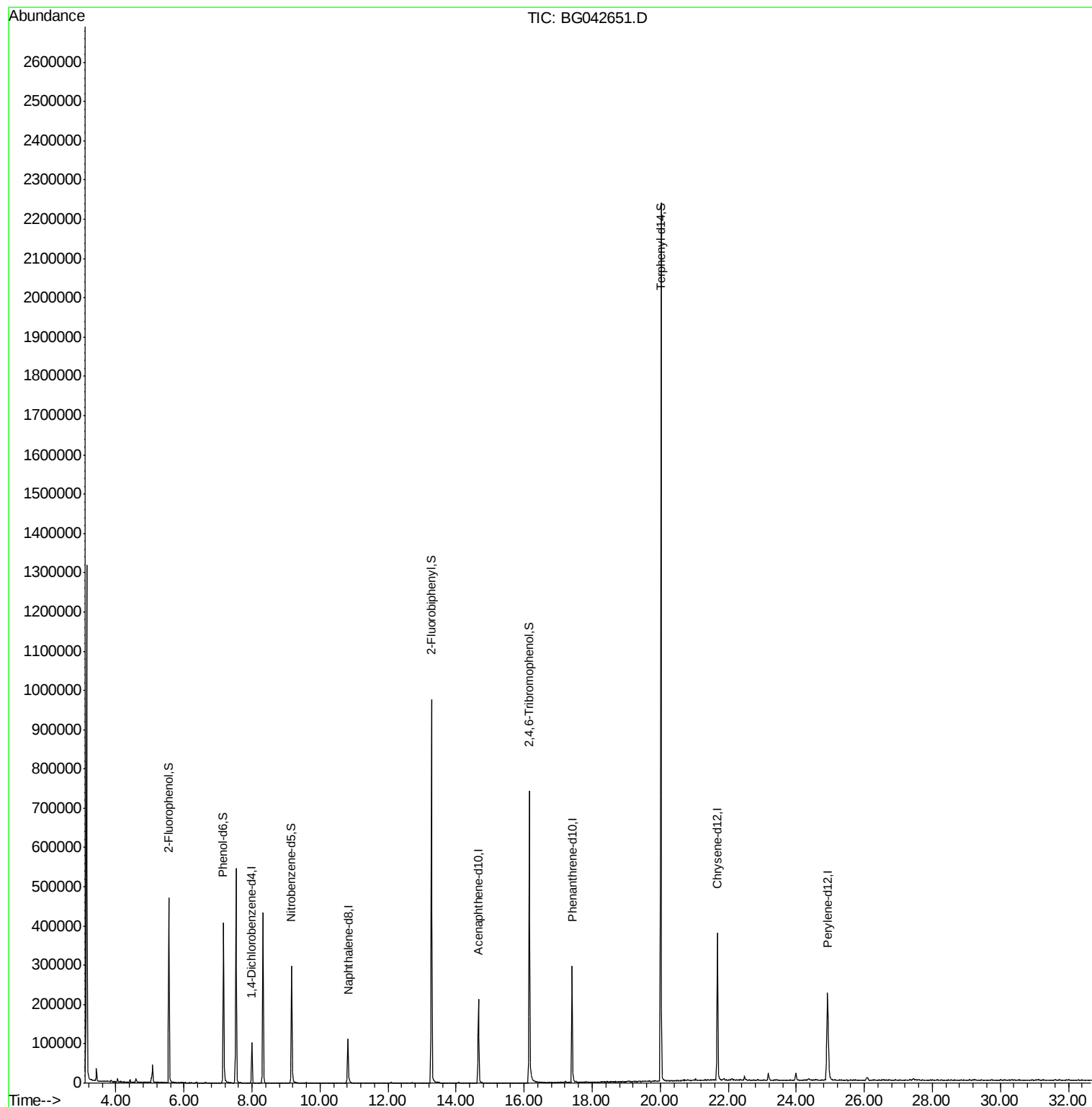
Target Compounds Qvalue

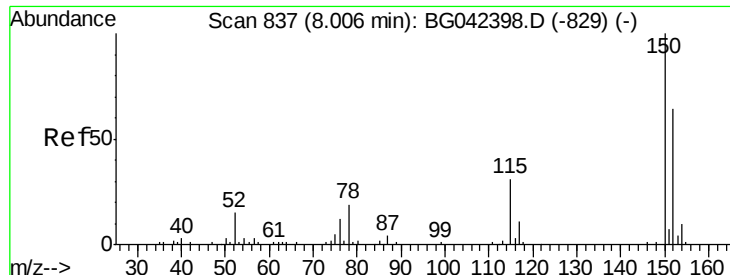
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.99 min Scan# 835

Delta R.T. -0.01 min

Lab File: BG042651.D

Acq: 1 Sep 2019 3:25

Instrument :

BNA_G

ClientSampleId :

T16-17-E1-E4-(0-2.25)

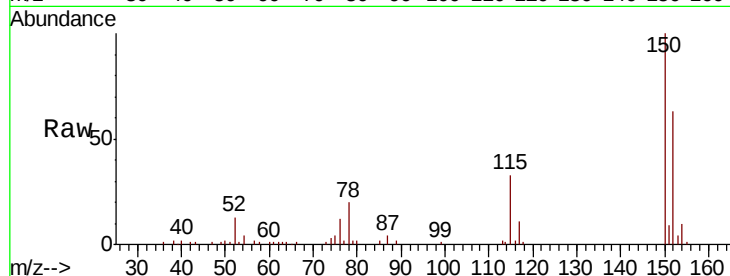
Tot Ion:152 Resp: 35152

Ion Ratio Lower Upper

152 100

150 158.1 125.4 188.0

115 51.7 38.5 57.7

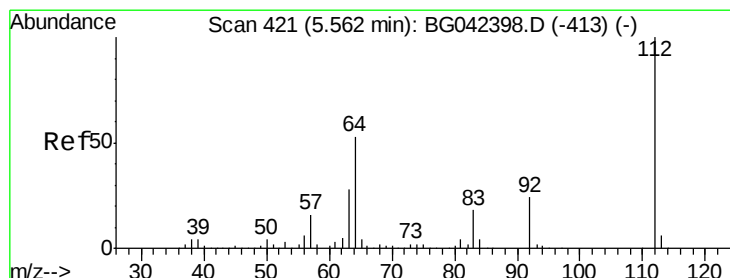
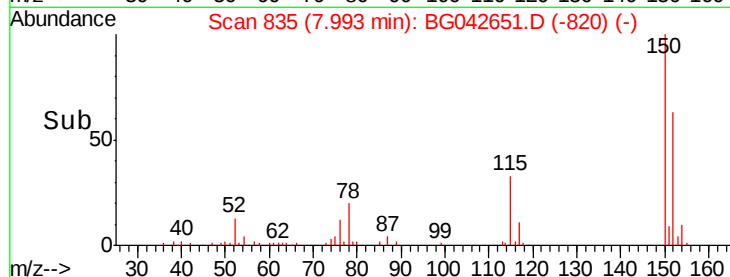
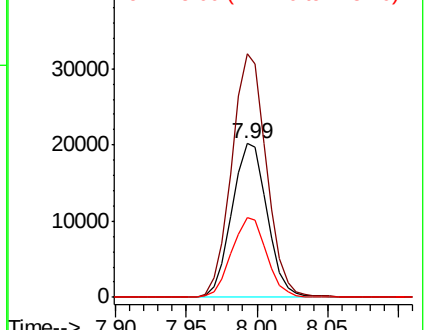


Abundance

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: 133.908 ng

RT: 5.55 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042651.D

Acq: 1 Sep 2019 3:25

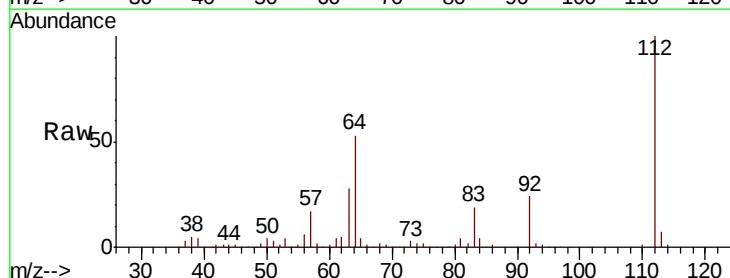
Tgt Ion:112 Resp: 232418

Ion Ratio Lower Upper

112 100

64 52.7 42.8 64.2

63 28.2 22.7 34.1

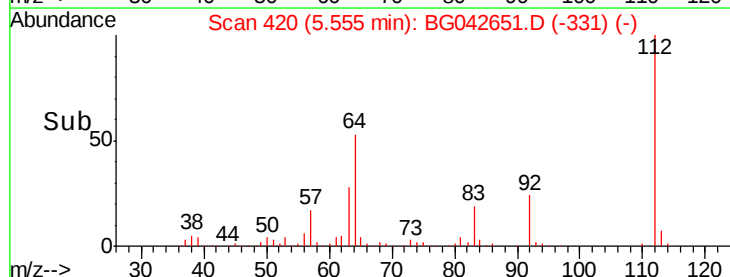
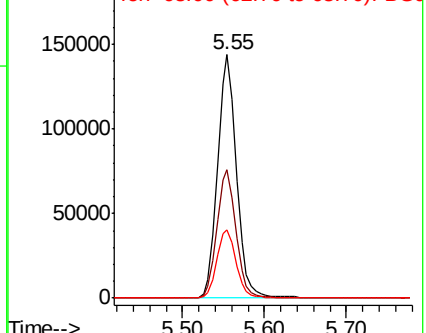


Abundance

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: 118.069 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042651.D

Acq: 1 Sep 2019 3:25

Instrument :

BNA_G

ClientSampleId :

T16-17-E1-E4-(0-2.25)

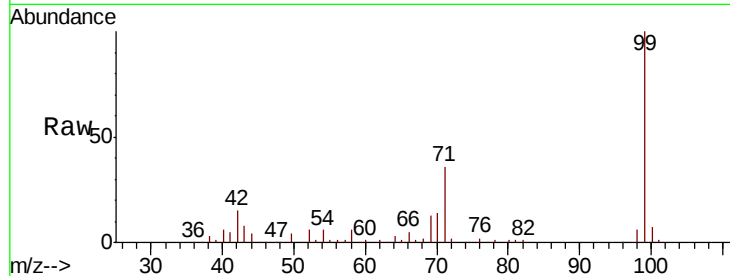
Tot Ion: 99 Resp: 276809

Ion Ratio Lower Upper

99 100

42 14.5 12.0 18.0

71 35.7 26.3 39.5

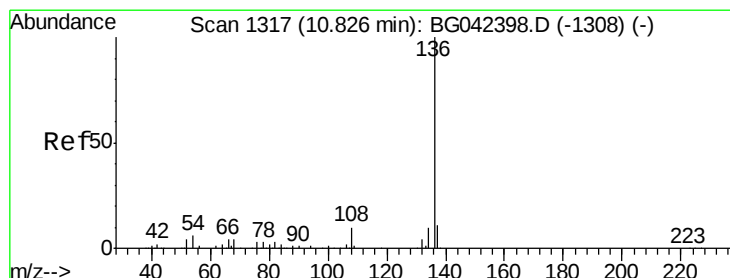
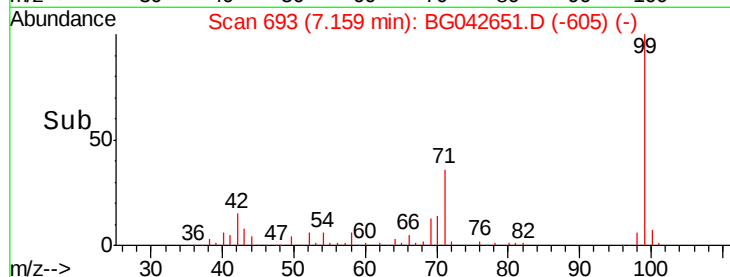
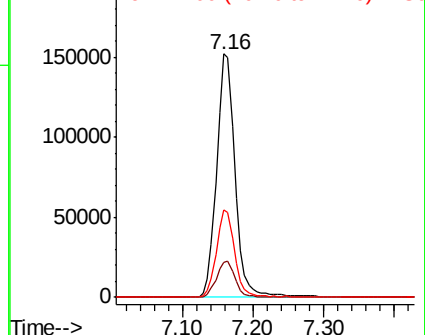


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042651.D

Acq: 1 Sep 2019 3:25

Tgt Ion: 136 Resp: 130087

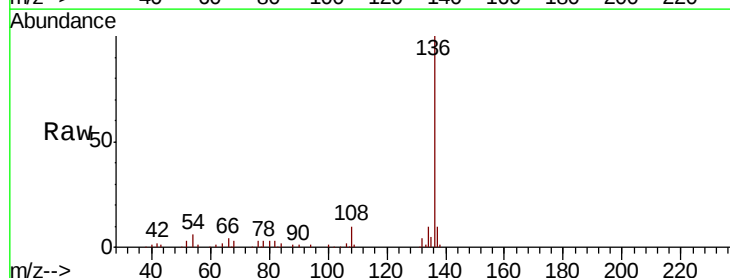
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 6.3 4.9 7.3

68 2.6 3.6 5.4#



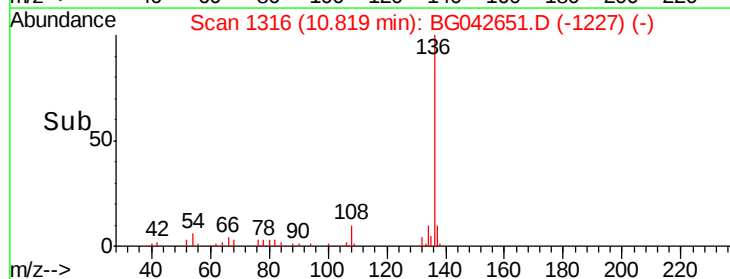
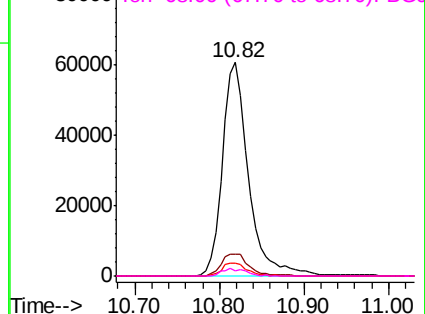
Abundance

Ion 136.00 (135.70 to 136.70): BGC

Ion 137.00 (136.70 to 137.70): BGC

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC

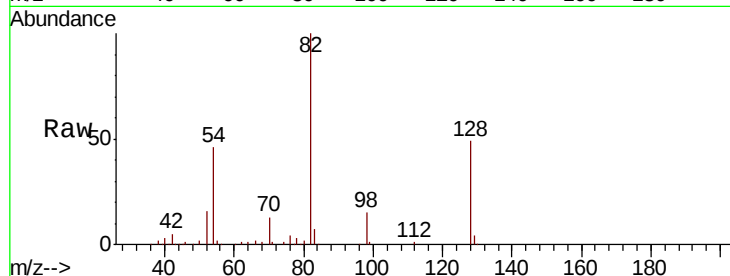




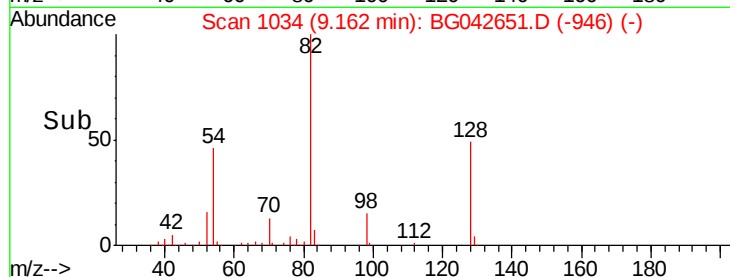
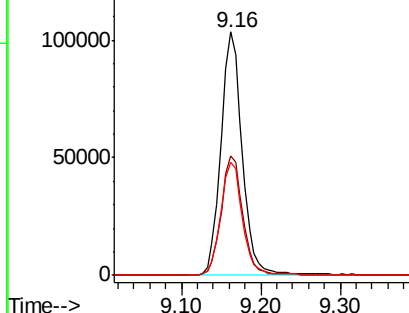
#23
Nitrobenzene-d5
Concen: 102.634 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Instrument :
BNA_G
ClientSampleId :
T16-17-E1-E4-(0-2.25)

Tot Ion	82	Resp	193207
Ion Ratio	Lower	Upper	
82	100		
128	49.3	40.7	61.1
54	46.2	36.3	54.5

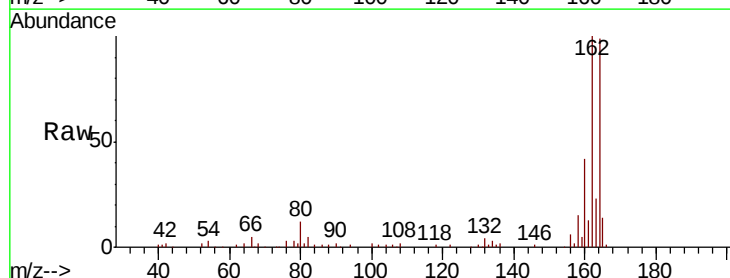


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

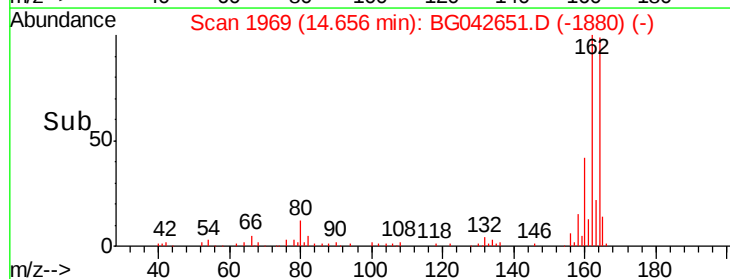
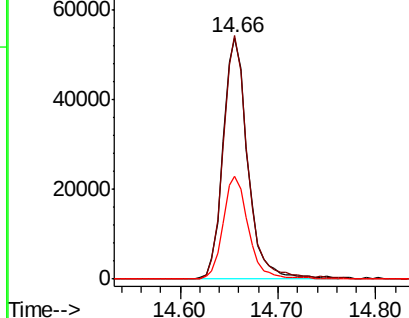


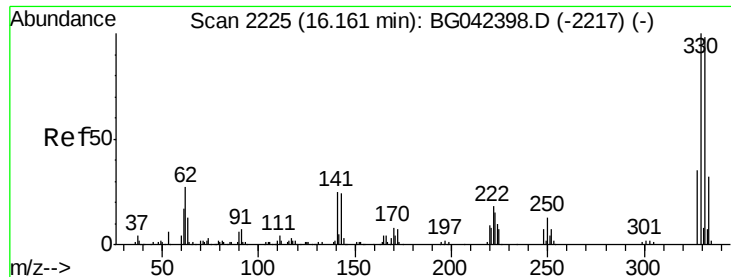
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042651.D
Acq: 1 Sep 2019 3:25

Tgt Ion	164	Resp	94495
Ion Ratio	Lower	Upper	
164	100		
162	100.9	79.9	119.9
160	42.5	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: 152.679 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042651.D

Acq: 1 Sep 2019 3:25

Instrument :

BNA_G

ClientSampleId :

T16-17-E1-E4-(0-2.25)

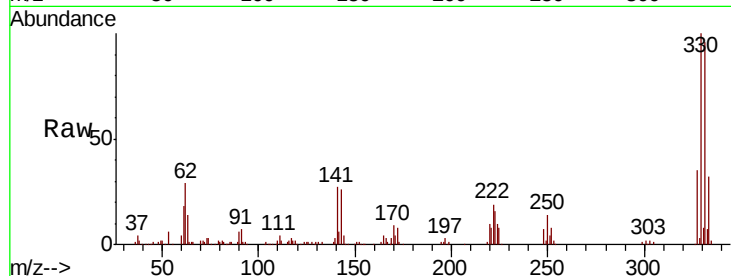
Tot Ion:330 Resp: 205062

Ion Ratio Lower Upper

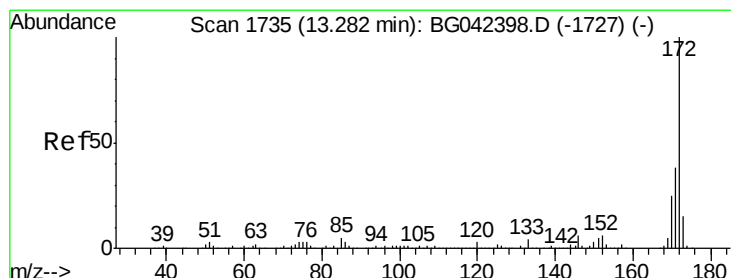
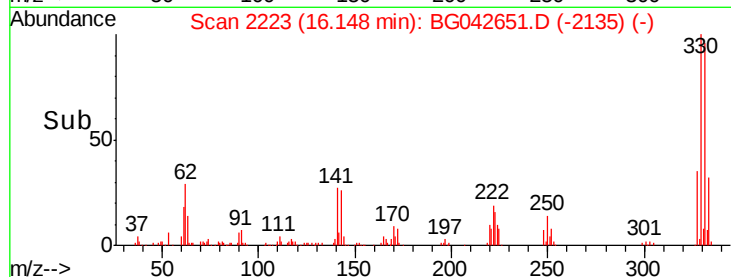
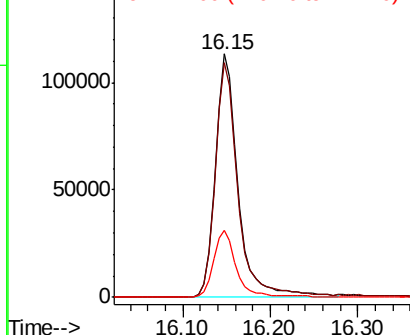
330 100

332 98.5 77.4 116.0

141 27.8 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: 110.167 ng

RT: 13.27 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042651.D

Acq: 1 Sep 2019 3:25

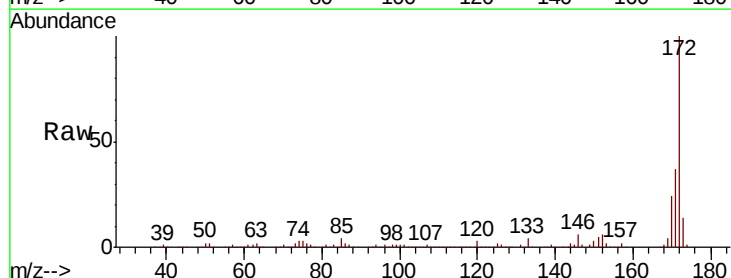
Tgt Ion:172 Resp: 615523

Ion Ratio Lower Upper

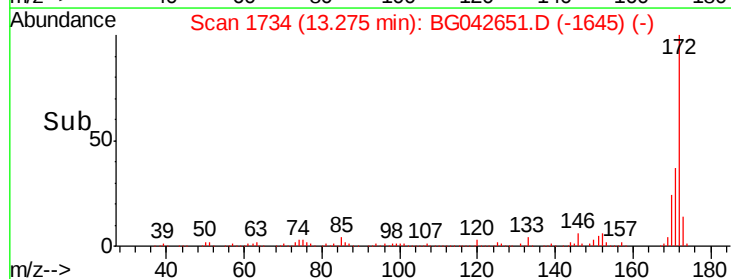
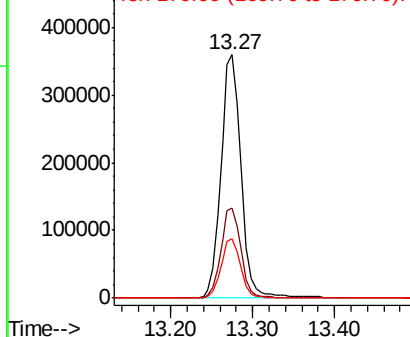
172 100

171 37.2 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042651.D

Acq: 1 Sep 2019 3:25

Instrument :

BNA_G

ClientSampleId :

T16-17-E1-E4-(0-2.25)

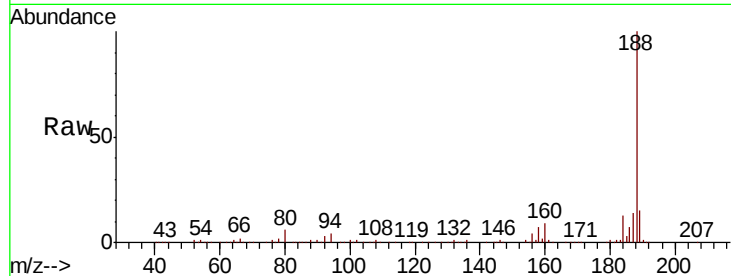
Tot Ion:188 Resp: 227668

Ion Ratio Lower Upper

188 100

94 4.5 4.5 6.7

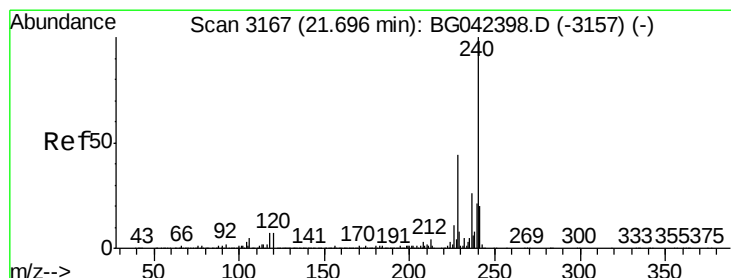
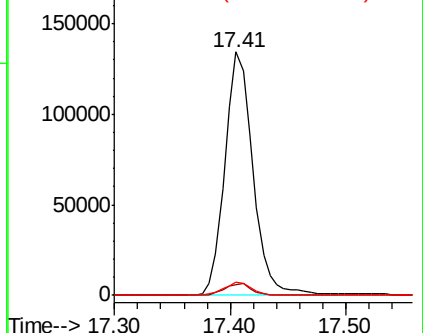
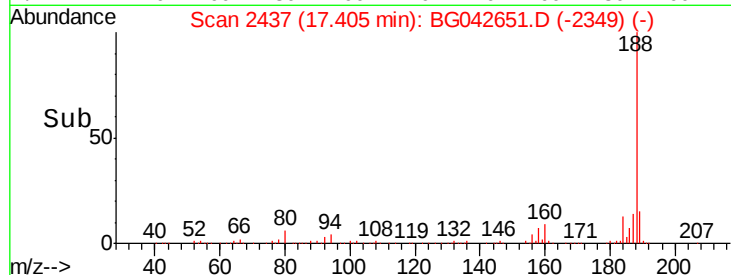
80 5.5 4.9 7.3



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# 3165

Delta R.T. -0.01 min

Lab File: BG042651.D

Acq: 1 Sep 2019 3:25

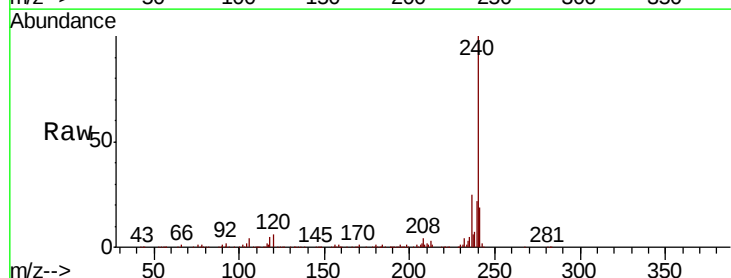
Tgt Ion:240 Resp: 255750

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

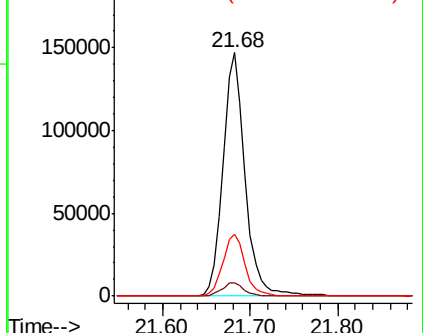
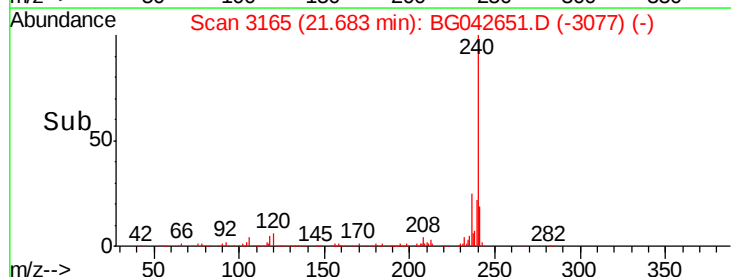
236 25.5 21.0 31.4



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





#79

Terphenyl-d14

Concen: 105.081 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042651.D

Acq: 1 Sep 2019 3:25

Instrument :

BNA_G

ClientSampleId :

T16-17-E1-E4-(0-2.25)

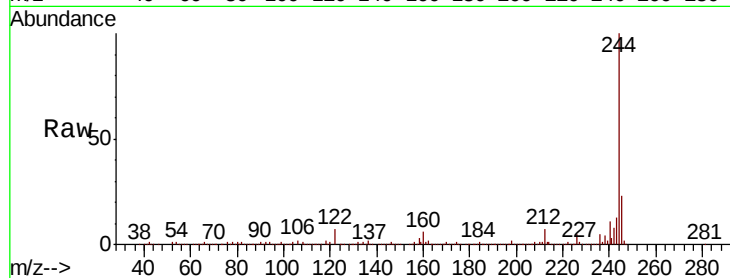
Tot Ion:244 Resp: 1243083

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

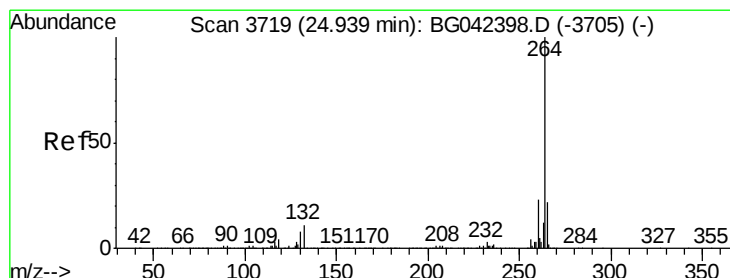
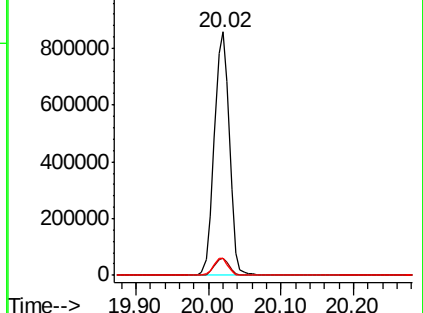
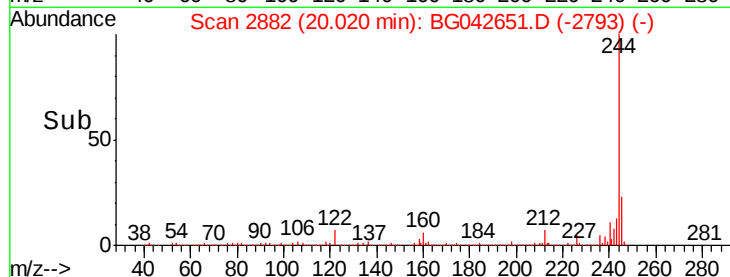
122 6.8 6.7 10.1



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: BG042651.D

Acq: 1 Sep 2019 3:25

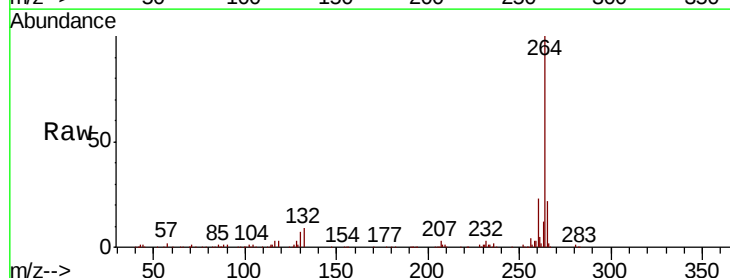
Tgt Ion:264 Resp: 295253

Ion Ratio Lower Upper

264 100

260 22.8 18.5 27.7

265 22.0 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

