

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042643.D
 Acq On : 31 Aug 2019 22:15
 Operator : HP/JU
 Sample : K4544-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T16-17-B1-B4-(0-2.25)

Quant Time: Sep 01 03:52:31 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	32726	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	121347	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	88891	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	211324	20.00	ng	0.00
76) Chrysene-d12	21.68	240	240359	20.00	ng	-0.01
87) Perylene-d12	24.92	264	280168	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	218561	135.26	ng	0.00
7) Phenol-d6	7.17	99	255800	117.20	ng	0.00
23) Nitrobenzene-d5	9.16	82	176153	100.31	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	192689	152.51	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	549939	104.63	ng	0.00
79) Terphenyl-d14	20.02	244	1178509	106.00	ng	0.00

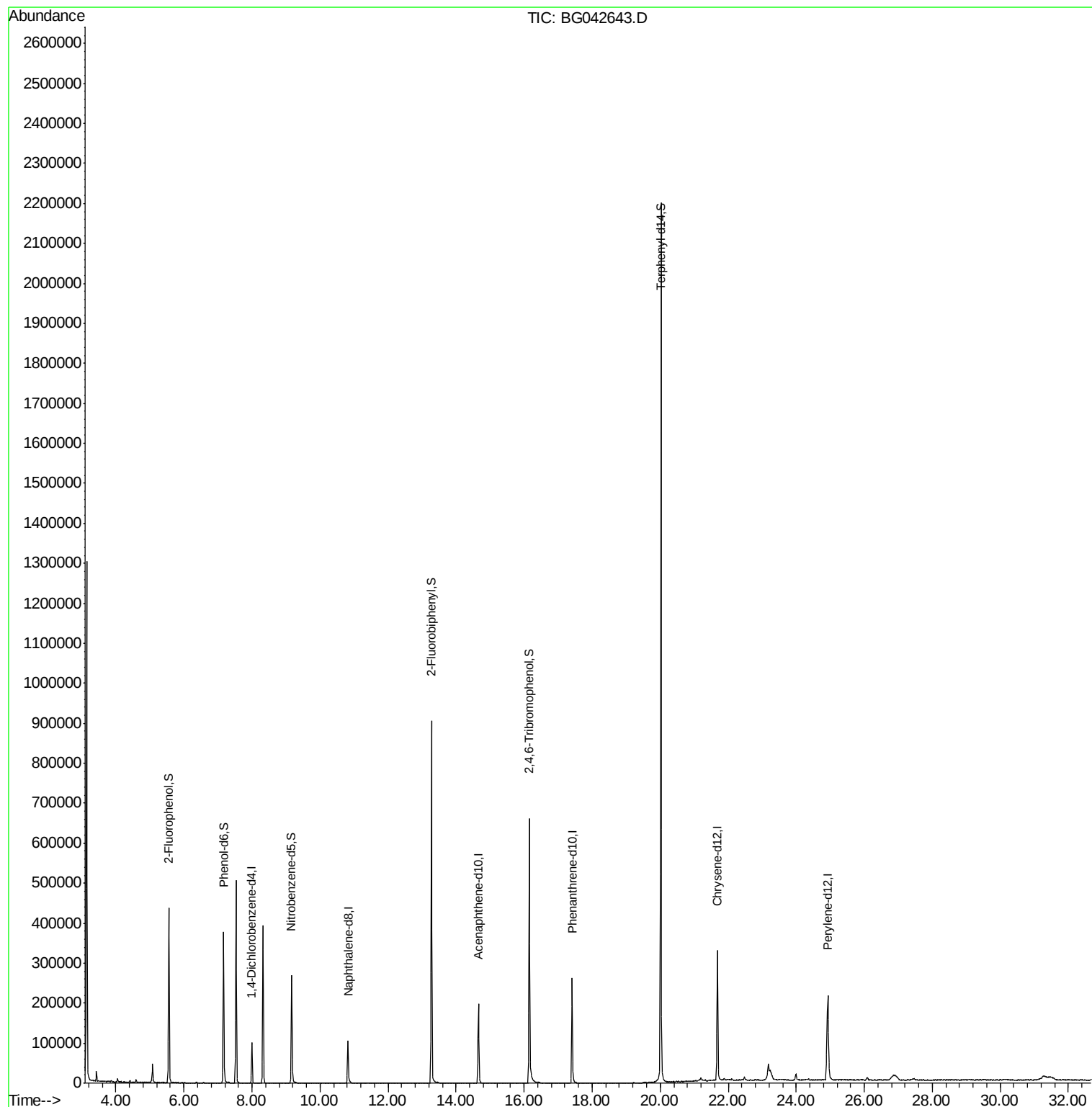
Target Compounds Qvalue

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

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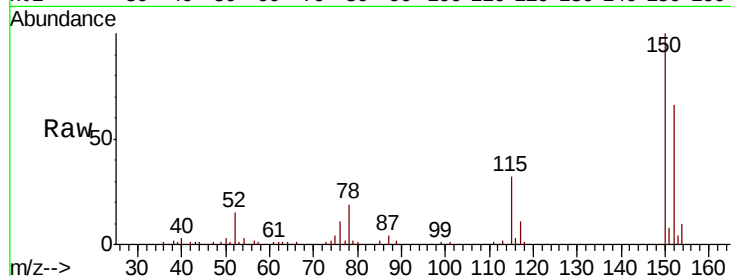


#1

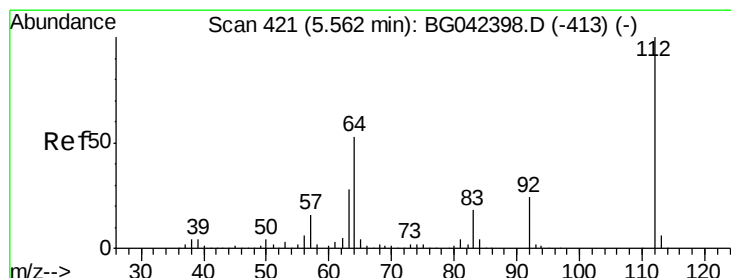
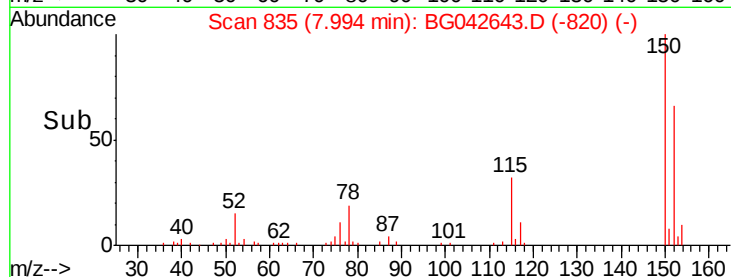
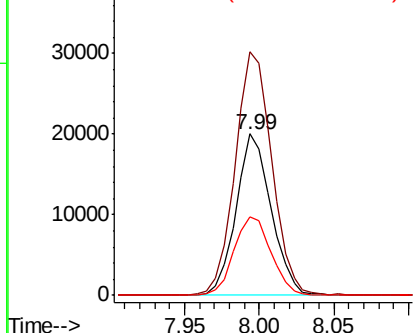
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042643.D
Acq: 31 Aug 2019 22:15

Instrument :
BNA_G
ClientSampleId :
T16-17-B1-B4-(0-2.25)

Tot Ion:152 Resp: 32726
Ion Ratio Lower Upper
152 100
150 150.8 125.4 188.0
115 48.6 38.5 57.7



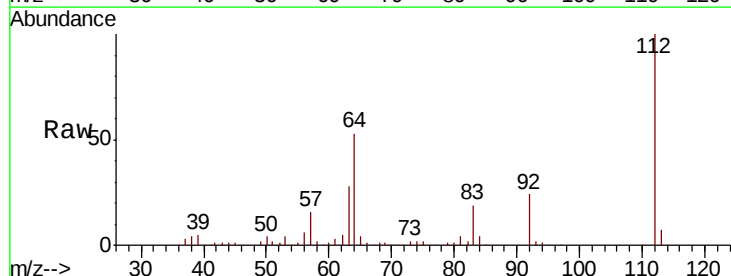
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



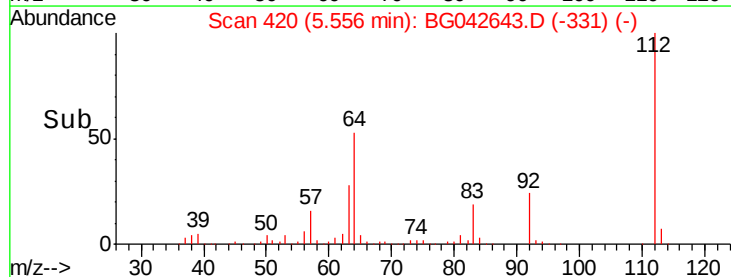
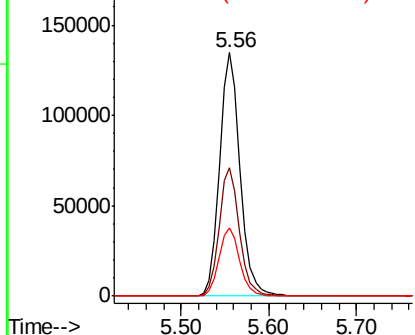
#5

2-Fluorophenol
Concen: 135.259 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042643.D
Acq: 31 Aug 2019 22:15

Tgt Ion:112 Resp: 218561
Ion Ratio Lower Upper
112 100
64 52.9 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: 117.196 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042643.D

Acq: 31 Aug 2019 22:15

Instrument :

BNA_G

ClientSampleId :

T16-17-B1-B4-(0-2.25)

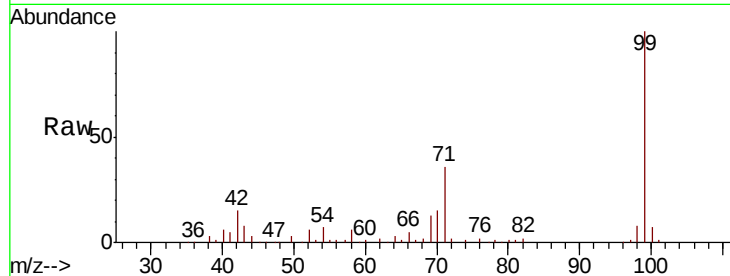
Tot Ion: 99 Resp: 255800

Ion Ratio Lower Upper

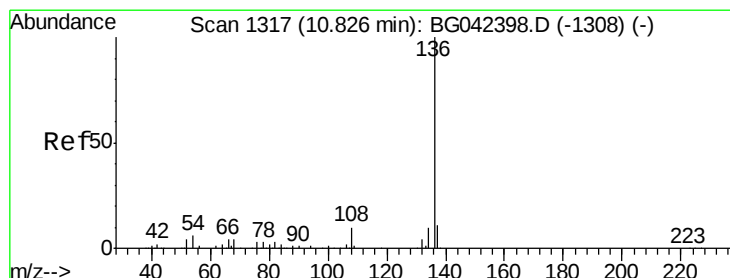
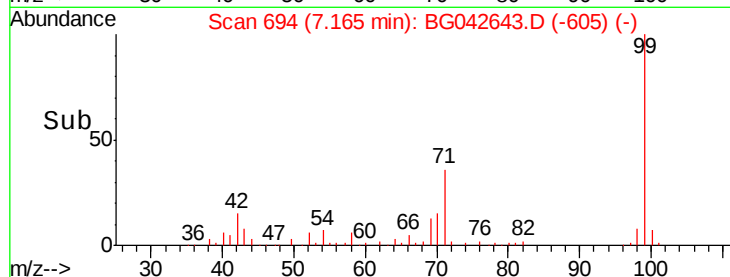
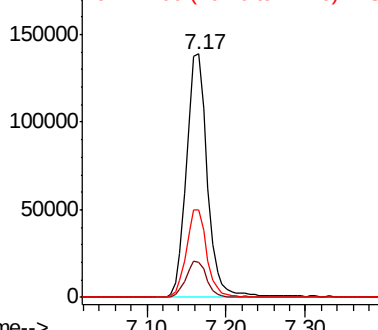
99 100

42 14.6 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.82 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BG042643.D

Acq: 31 Aug 2019 22:15

Tgt Ion: 136 Resp: 121347

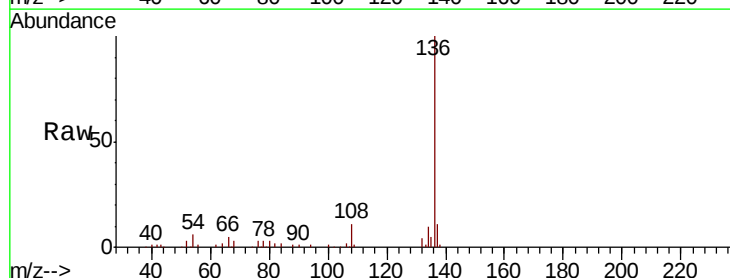
Ion Ratio Lower Upper

136 100

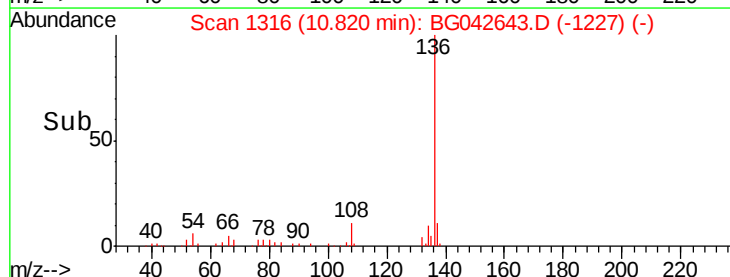
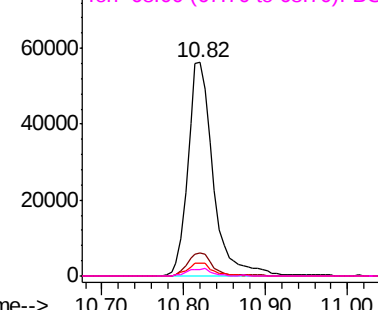
137 10.8 8.7 13.1

54 6.0 4.9 7.3

68 3.3 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

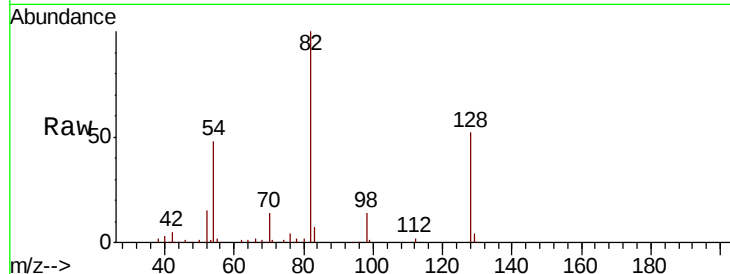




#23
 Nitrobenzene-d5
 Concen: 100.315 ng
 RT: 9.16 min Scan# 1034
 Delta R.T. -0.01 min
 Lab File: BG042643.D
 Acq: 31 Aug 2019 22:15

Instrument :
 BNA_G
 ClientSampleId :
 T16-17-B1-B4-(0-2.25)

Tot Ion	82	Resp	176153
Ion Ratio	Lower	Upper	
82	100		
128	51.9	40.7	61.1
54	48.3	36.3	54.5

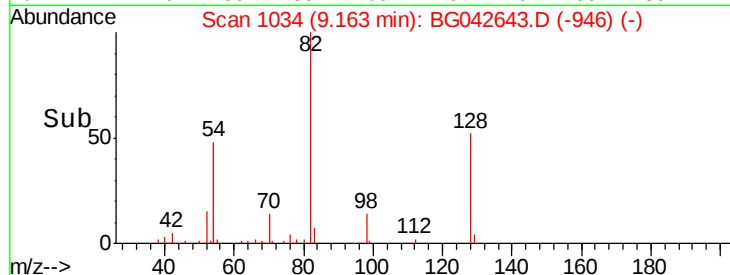
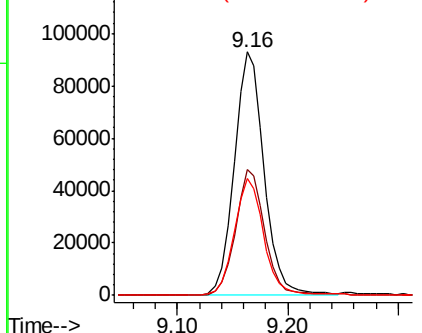


Abundance

Ion 82.00 (81.70 to 82.70): BGC

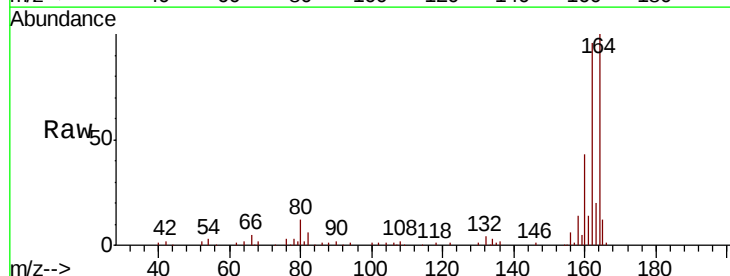
Ion 128.00 (127.70 to 128.70): BGC

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: BG042643.D
 Acq: 31 Aug 2019 22:15

Tgt Ion	164	Resp	88891
Ion Ratio	Lower	Upper	
164	100		
162	95.6	79.9	119.9
160	43.0	34.3	51.5

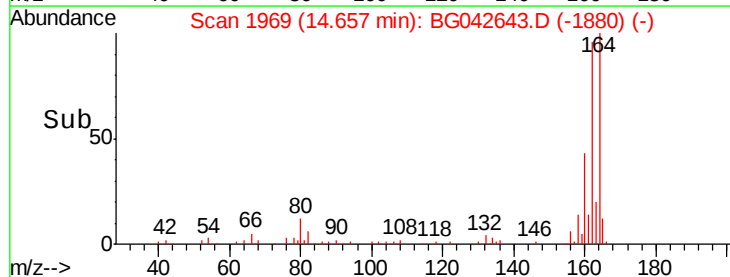
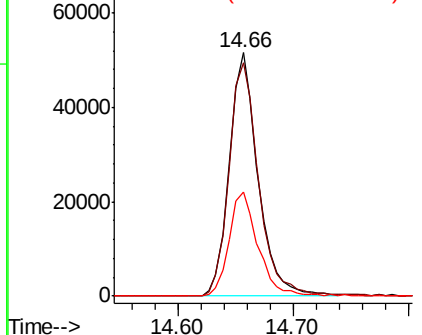


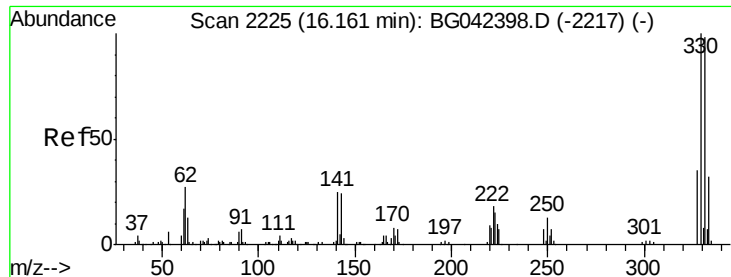
Abundance

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: 152.511 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042643.D

Acq: 31 Aug 2019 22:15

Instrument :

BNA_G

ClientSampleId :

T16-17-B1-B4-(0-2.25)

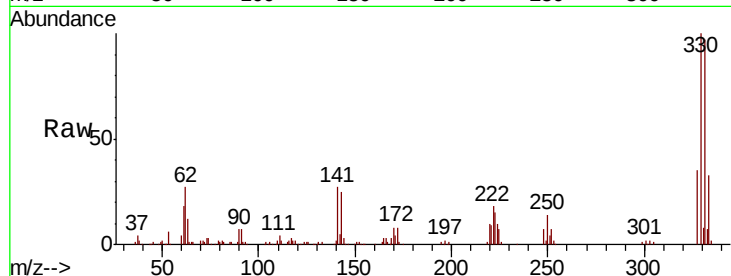
Tot Ion:330 Resp: 192689

Ion Ratio Lower Upper

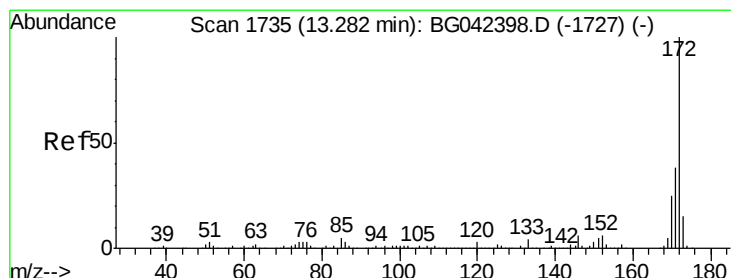
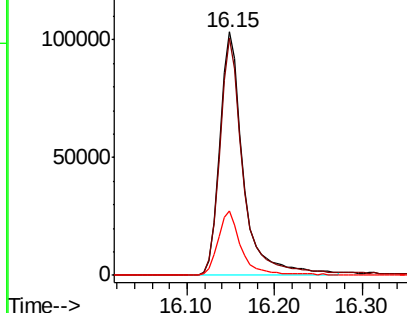
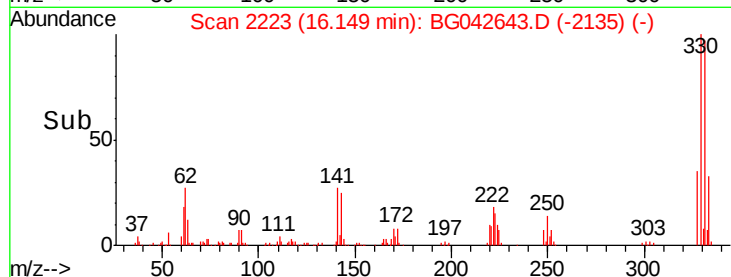
330 100

332 97.1 77.4 116.0

141 26.6 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: 104.634 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042643.D

Acq: 31 Aug 2019 22:15

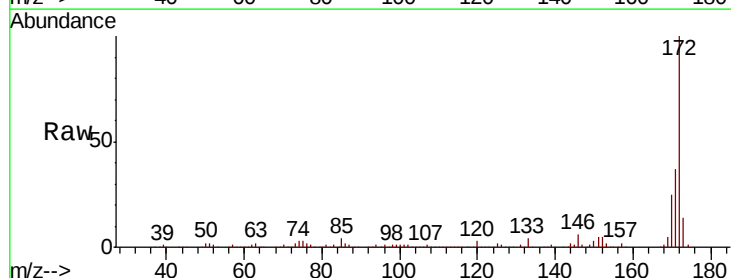
Tgt Ion:172 Resp: 549939

Ion Ratio Lower Upper

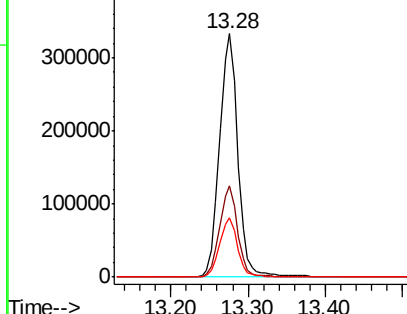
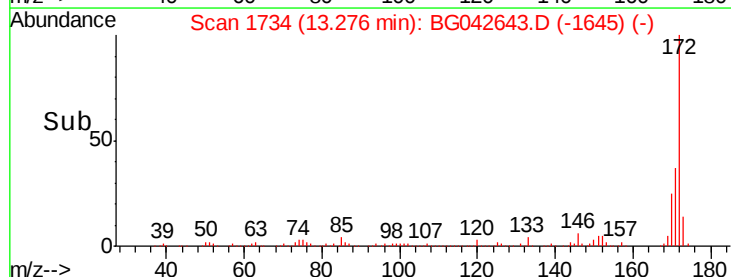
172 100

171 37.4 30.5 45.7

170 24.6 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# 2438

Delta R.T. -0.01 min

Lab File: BG042643.D

Acq: 31 Aug 2019 22:15

Instrument :

BNA_G

ClientSampleId :

T16-17-B1-B4-(0-2.25)

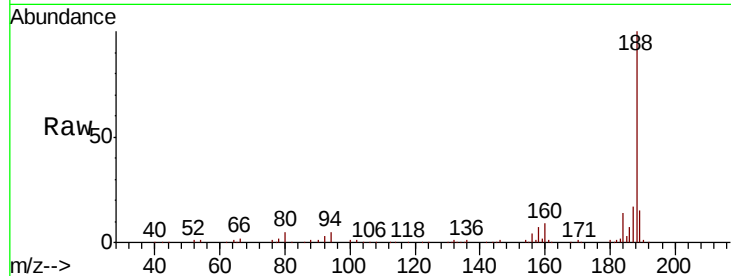
Tot Ion:188 Resp: 211324

Ion Ratio Lower Upper

188 100

94 4.6 4.5 6.7

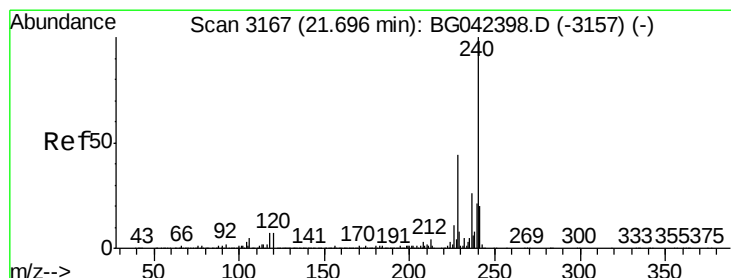
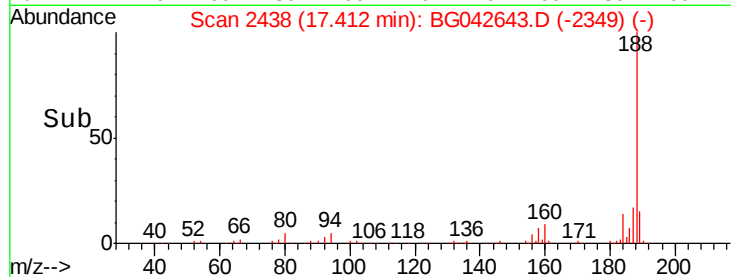
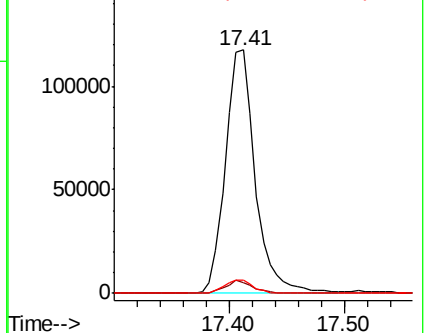
80 5.5 4.9 7.3



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042643.D

Acq: 31 Aug 2019 22:15

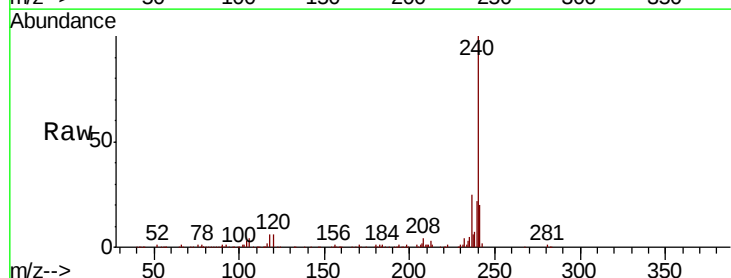
Tgt Ion:240 Resp: 240359

Ion Ratio Lower Upper

240 100

120 5.6 5.7 8.5#

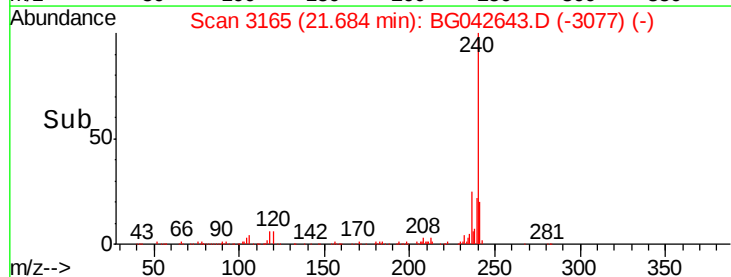
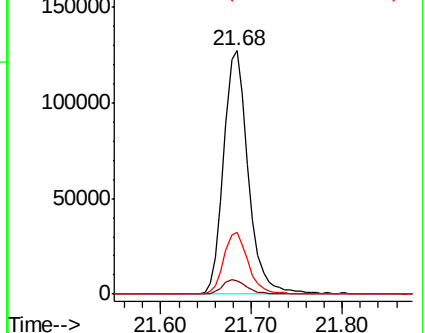
236 25.2 21.0 31.4



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: 106.001 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042643.D

Acq: 31 Aug 2019 22:15

Instrument :

BNA_G

ClientSampleId :

T16-17-B1-B4-(0-2.25)

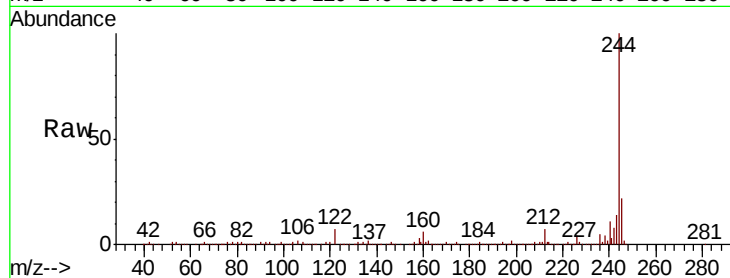
Tot Ion:244 Resp: 1178509

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

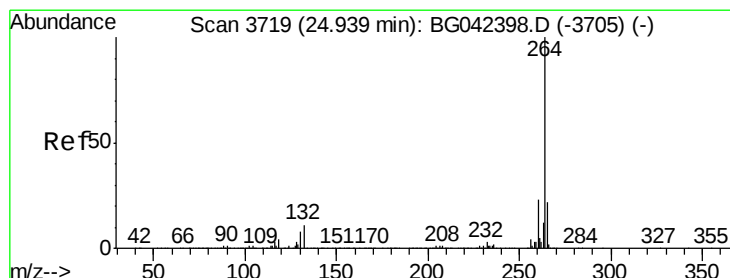
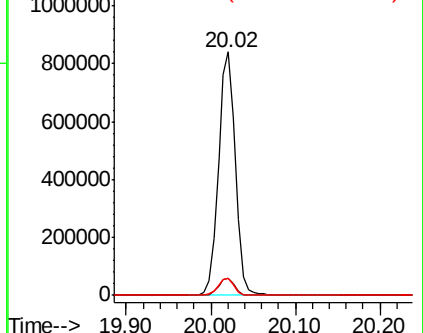
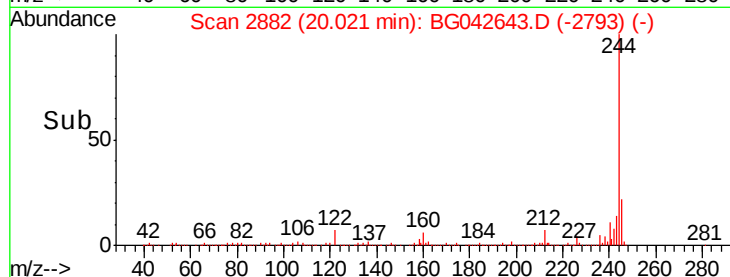
122 6.8 6.7 10.1



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: BG042643.D

Acq: 31 Aug 2019 22:15

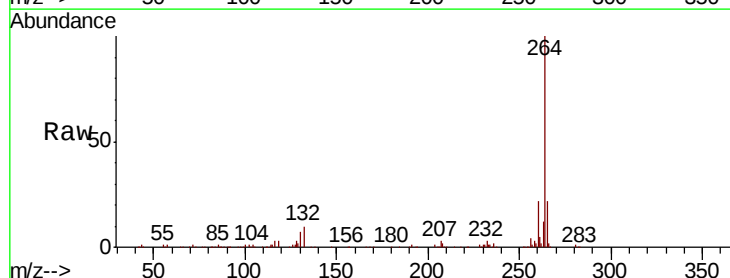
Tgt Ion:264 Resp: 280168

Ion Ratio Lower Upper

264 100

260 22.0 18.5 27.7

265 22.3 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

