

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042649.D
 Acq On : 1 Sep 2019 2:08
 Operator : HP/JU
 Sample : K4547-21
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 T3-S-B1-B4

Quant Time: Sep 01 04:13:06 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	32961	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	125849	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	91241	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	216658	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	243736	20.00	ng	-0.01
87) Perylene-d12	24.92	264	283138	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	216731	133.17	ng	0.00
7) Phenol-d6	7.16	99	256176	116.53	ng	0.00
23) Nitrobenzene-d5	9.16	82	180506	99.12	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	185469	143.02	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	577649	107.08	ng	0.00
79) Terphenyl-d14	20.01	244	1201508	106.57	ng	-0.01

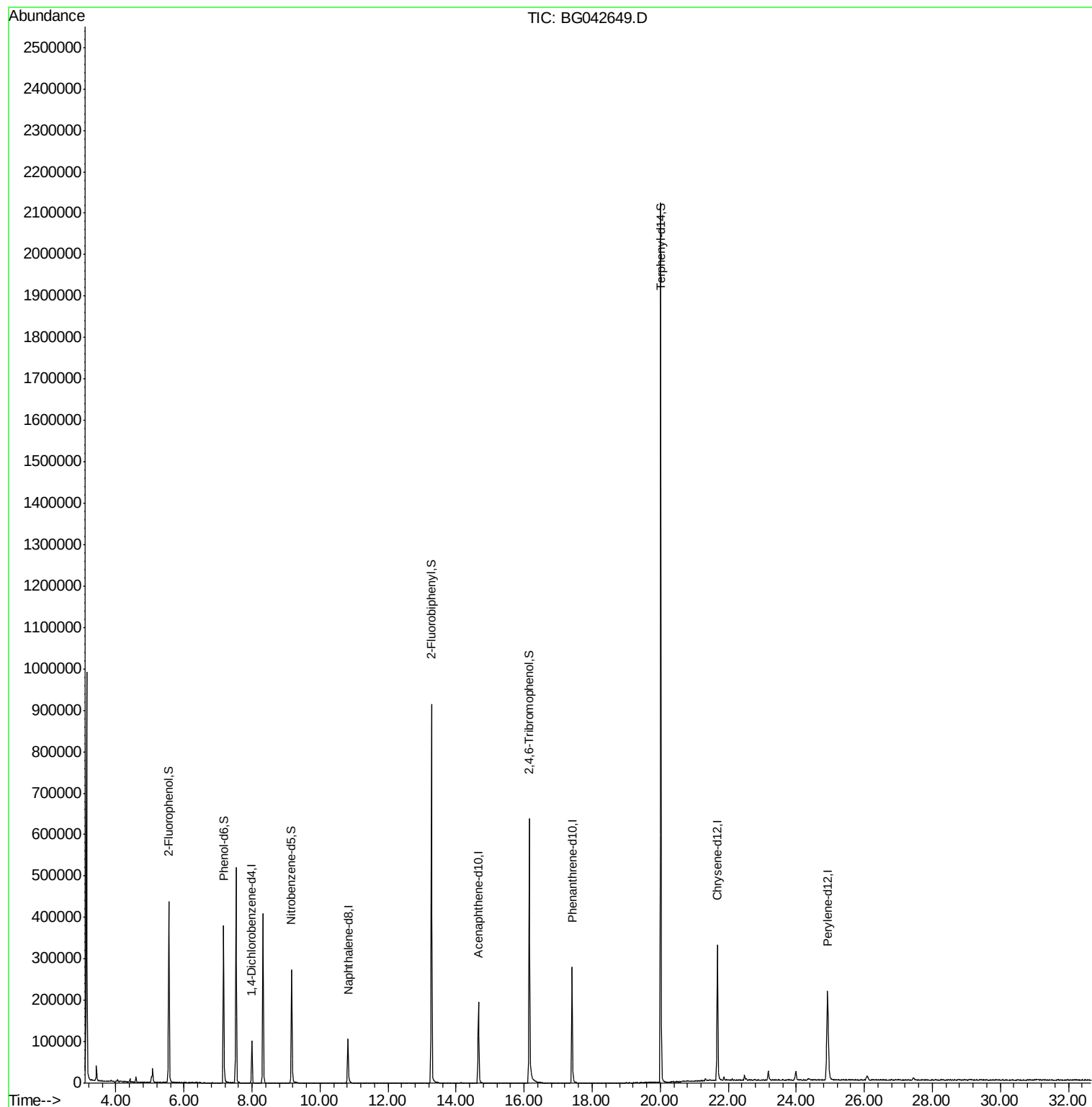
Target Compounds Qvalue

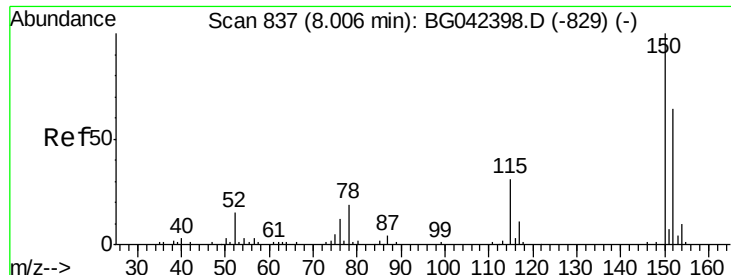
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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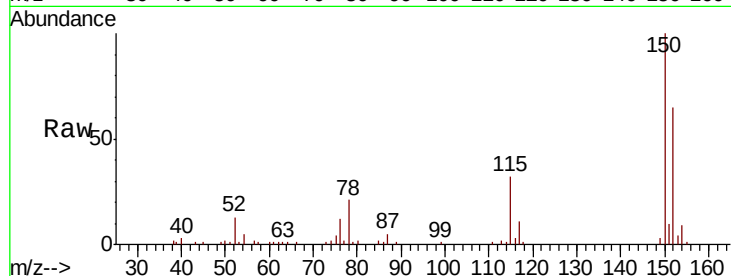


#1

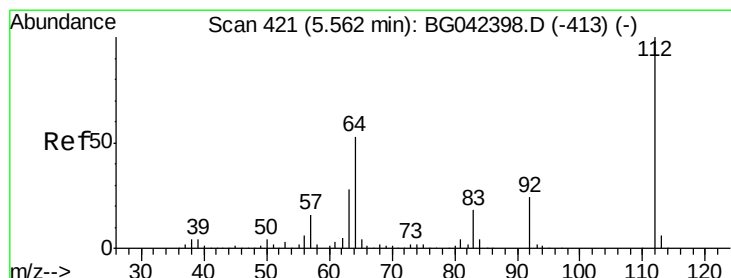
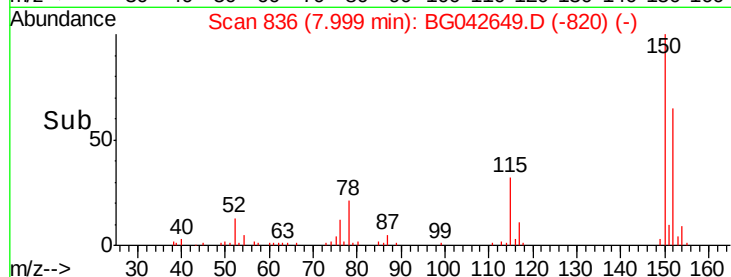
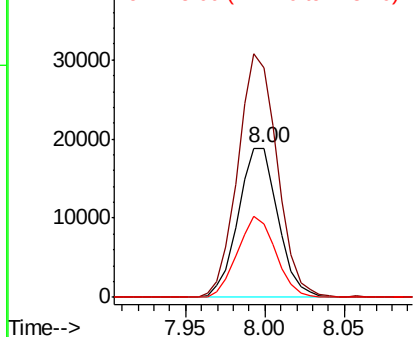
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042649.D
Acq: 1 Sep 2019 2:08

Instrument :
BNA_G
ClientSampleId :
T3-S-B1-B4

Tot Ion:152 Resp: 32961
Ion Ratio Lower Upper
152 100
150 153.5 125.4 188.0
115 48.9 38.5 57.7



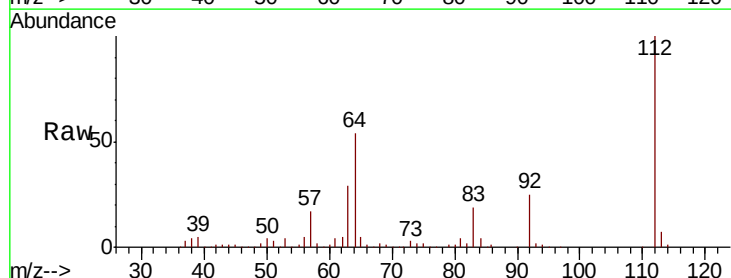
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



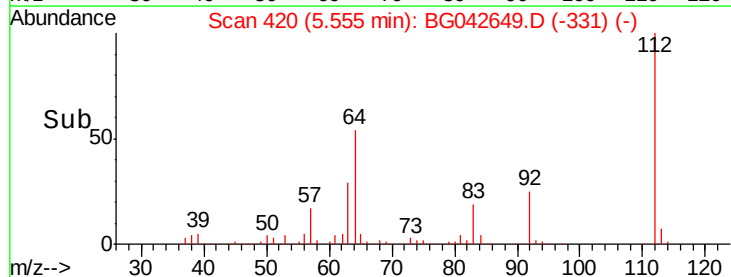
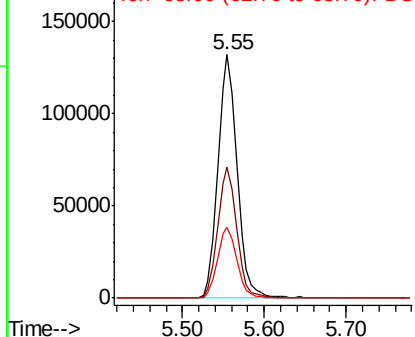
#5

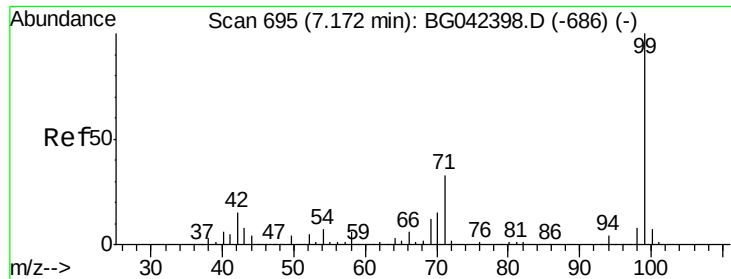
2-Fluorophenol
Concen: 133.171 ng
RT: 5.55 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042649.D
Acq: 1 Sep 2019 2:08

Tgt Ion:112 Resp: 216731
Ion Ratio Lower Upper
112 100
64 53.8 42.8 64.2
63 29.2 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: 116.531 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042649.D

Acq: 1 Sep 2019 2:08

Instrument :

BNA_G

ClientSampleId :

T3-S-B1-B4

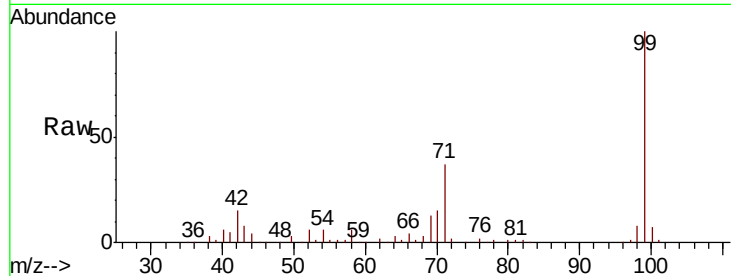
Tot Ion: 99 Resp: 256176

Ion Ratio Lower Upper

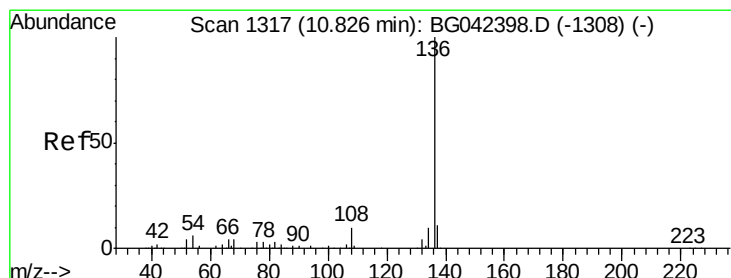
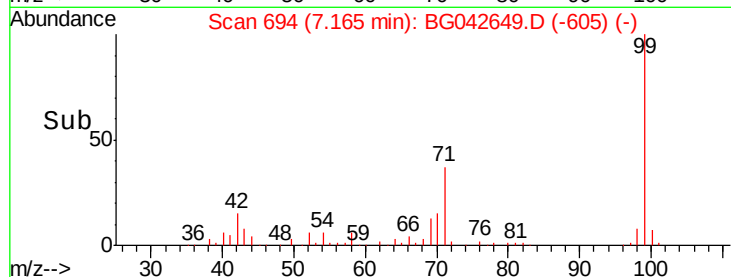
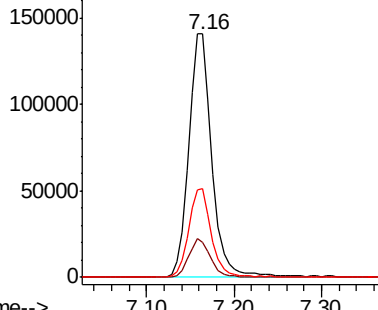
99 100

42 14.6 12.0 18.0

71 36.6 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: BG042649.D

Acq: 1 Sep 2019 2:08

Tgt Ion: 136 Resp: 125849

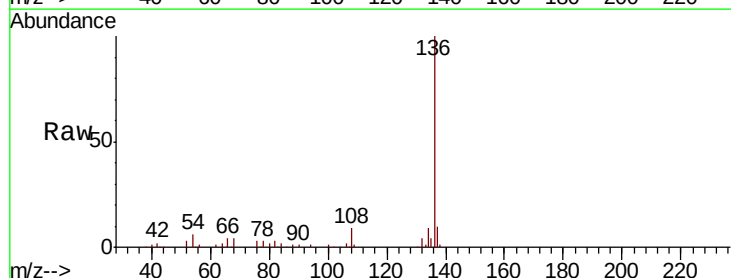
Ion Ratio Lower Upper

136 100

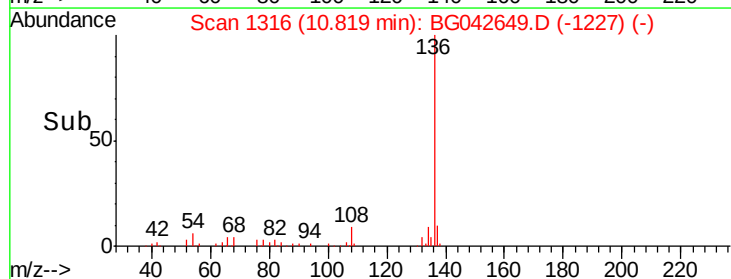
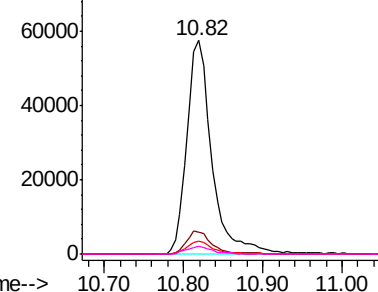
137 10.4 8.7 13.1

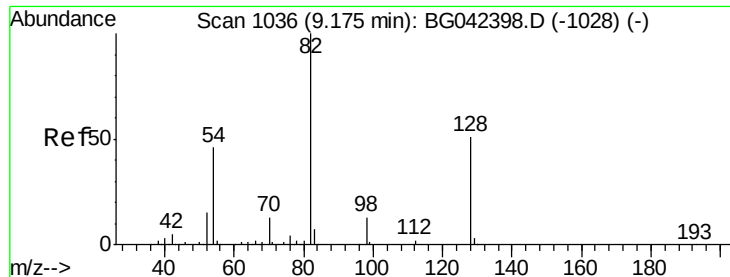
54 6.3 4.9 7.3

68 3.5 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

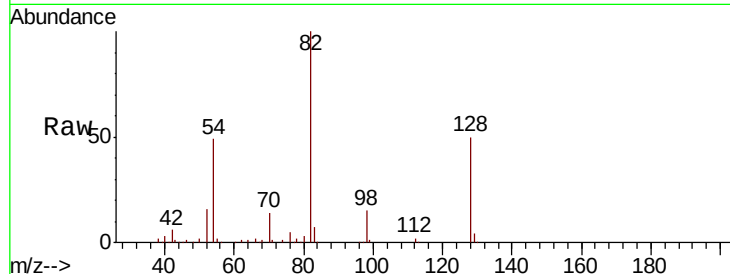




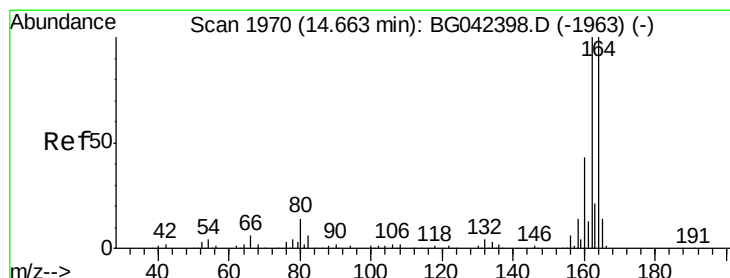
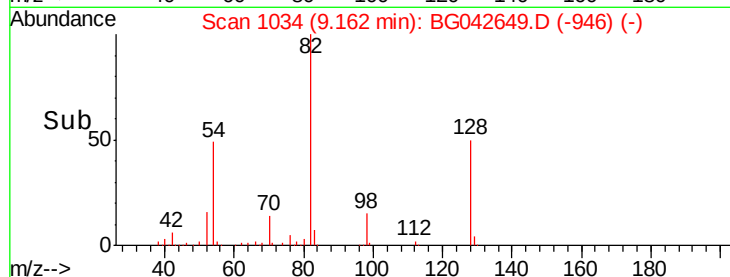
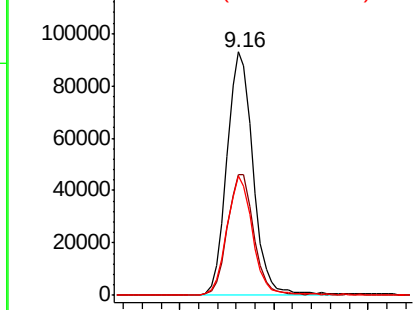
#23
Nitrobenzene-d5
Concen: 99.116 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042649.D
Acq: 1 Sep 2019 2:08

Instrument :
BNA_G
ClientSampleId :
T3-S-B1-B4

Tot Ion	82	Resp	180506
Ion Ratio	Lower	Upper	
82	100		
128	49.8	40.7	61.1
54	49.0	36.3	54.5

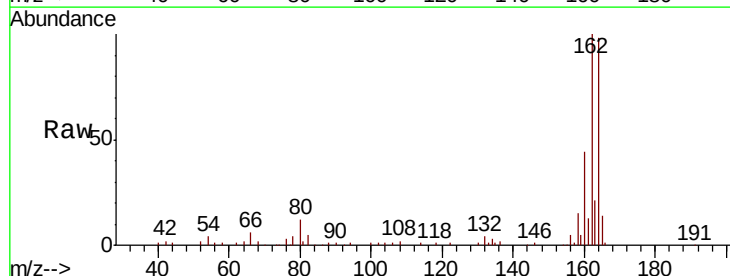


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

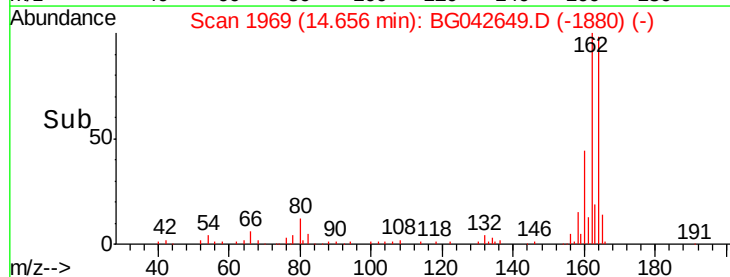
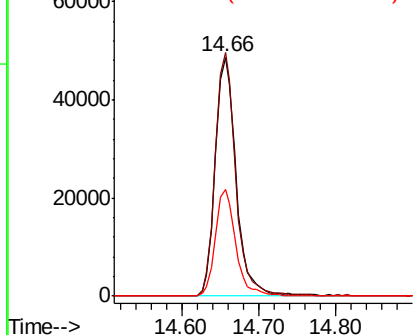


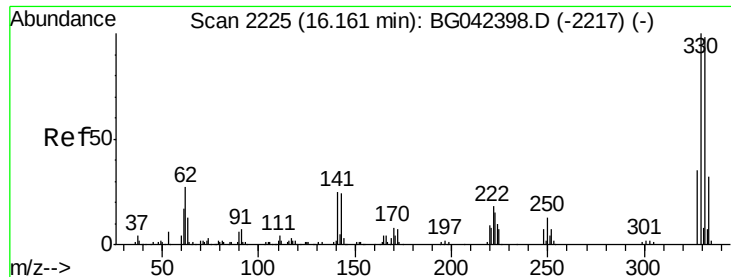
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042649.D
Acq: 1 Sep 2019 2:08

Tgt Ion	164	Resp	91241
Ion Ratio	Lower	Upper	
164	100		
162	101.9	79.9	119.9
160	44.6	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: 143.016 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042649.D

Acq: 1 Sep 2019 2:08

Instrument :

BNA_G

ClientSampleId :

T3-S-B1-B4

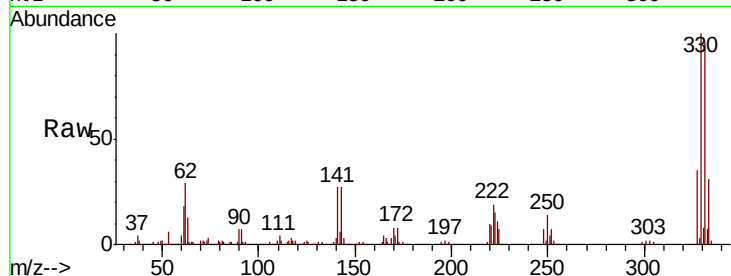
Tot Ion:330 Resp: 185469

Ion Ratio Lower Upper

330 100

332 100.6 77.4 116.0

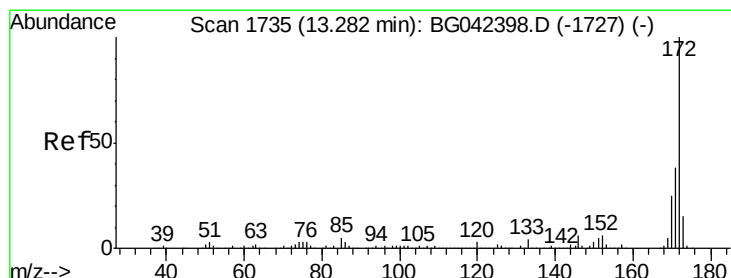
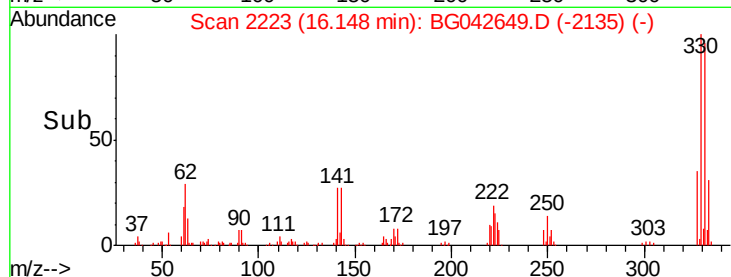
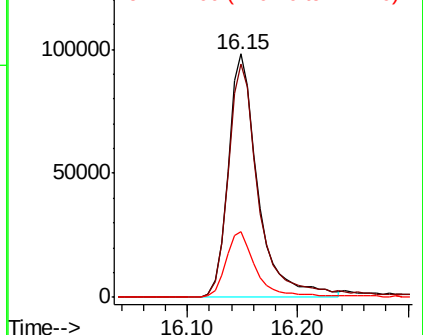
141 27.2 21.4 32.0



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: 107.076 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042649.D

Acq: 1 Sep 2019 2:08

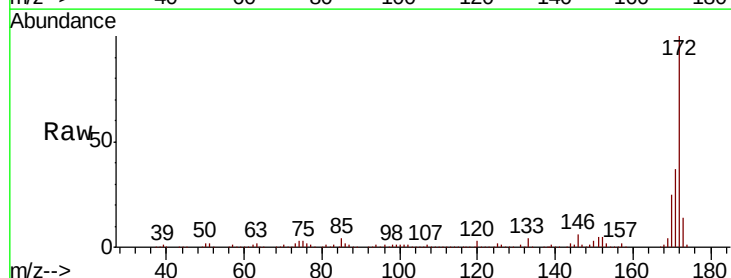
Tgt Ion:172 Resp: 577649

Ion Ratio Lower Upper

172 100

171 36.6 30.5 45.7

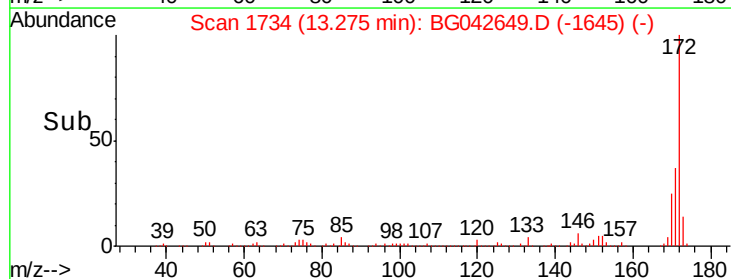
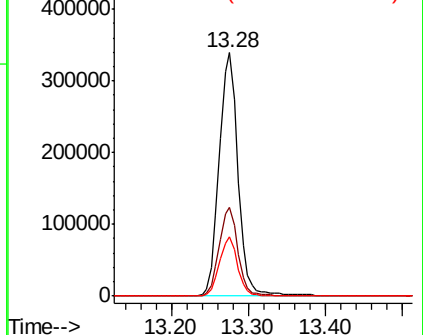
170 24.5 20.2 30.2

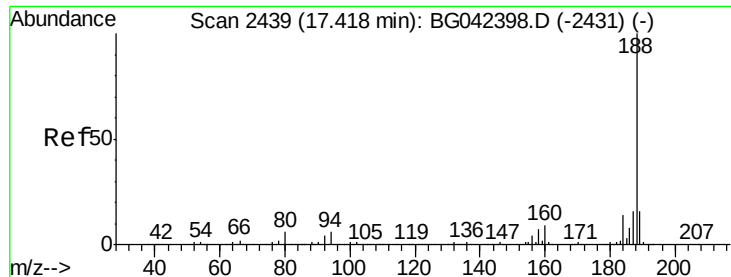


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.41 min Scan# 2437

Delta R.T. -0.01 min

Lab File: BG042649.D

Acq: 1 Sep 2019 2:08

Instrument :

BNA_G

ClientSampleId :

T3-S-B1-B4

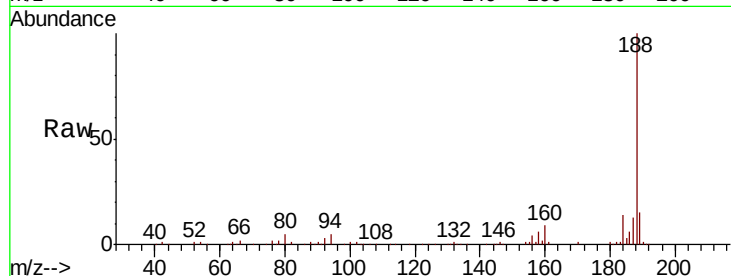
Tot Ion:188 Resp: 216658

Ion Ratio Lower Upper

188 100

94 5.1 4.5 6.7

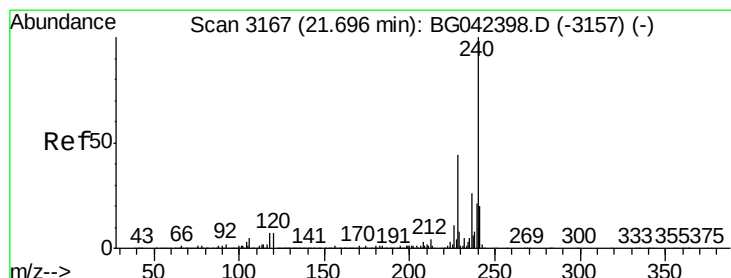
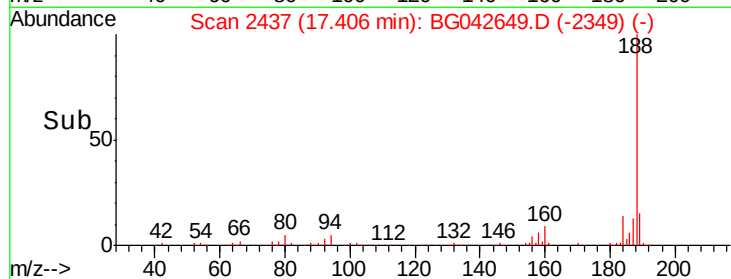
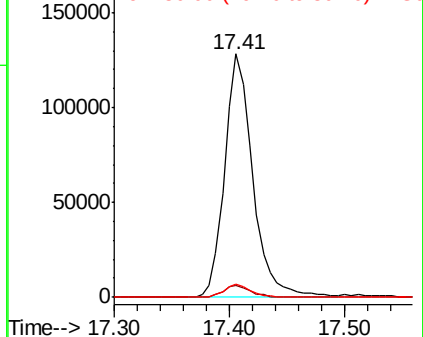
80 5.3 4.9 7.3



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: BG042649.D

Acq: 1 Sep 2019 2:08

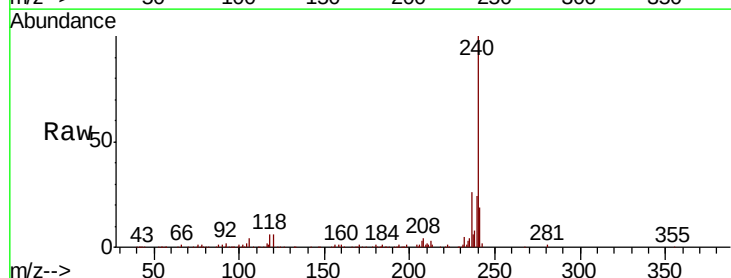
Tgt Ion:240 Resp: 243736

Ion Ratio Lower Upper

240 100

120 5.9 5.7 8.5

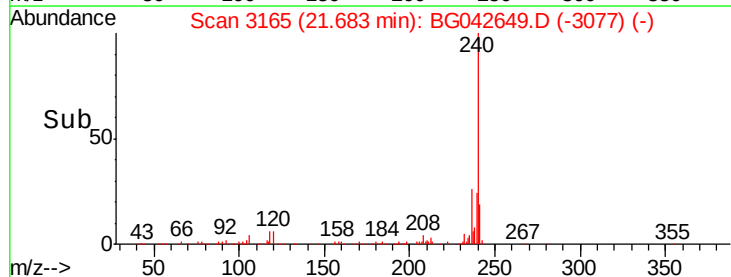
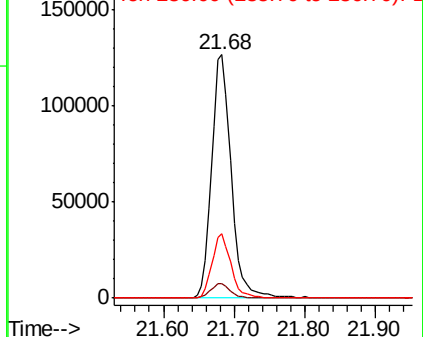
236 26.2 21.0 31.4

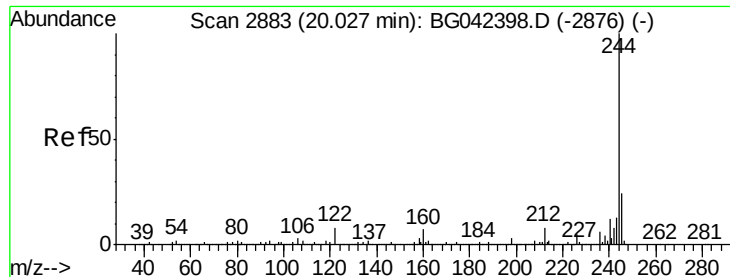


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 106.573 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG042649.D

Acq: 1 Sep 2019 2:08

Instrument :

BNA_G

ClientSampled :

T3-S-B1-B4

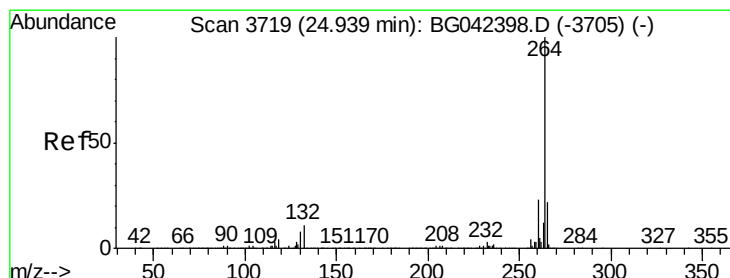
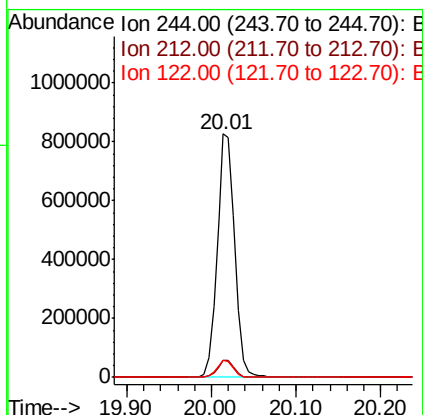
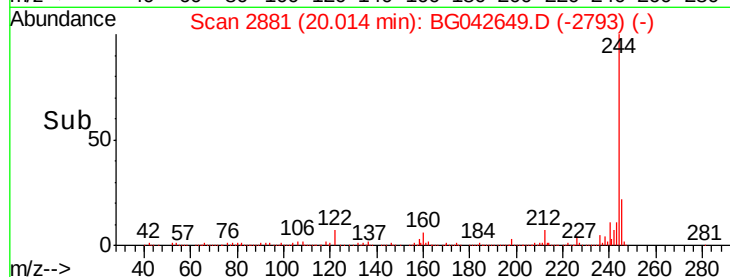
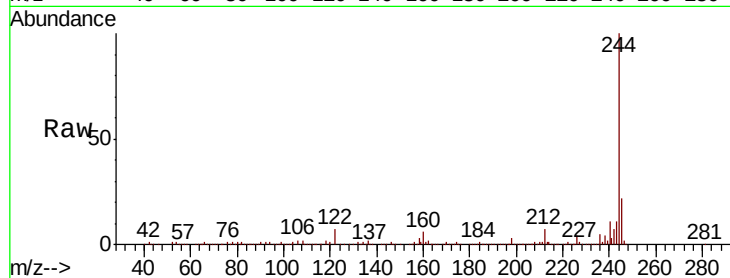
Tot Ion:244 Resp: 1201508

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 7.0 6.7 10.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.92 min Scan# 3716

Delta R.T. -0.02 min

Lab File: BG042649.D

Acq: 1 Sep 2019 2:08

Tgt Ion:264 Resp: 283138

Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 22.0 17.6 26.4

