

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042559.D
 Acq On : 29 Aug 2019 11:06
 Operator : HP/JU
 Sample : PB122640BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122640BL

Quant Time: Aug 29 12:28:59 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	36365	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	136257	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	99992	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	234117	20.00	ng	0.00
76) Chrysene-d12	21.69	240	277316	20.00	ng	0.00
87) Perylene-d12	24.93	264	321894	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	253125	140.97	ng	0.00
7) Phenol-d6	7.16	99	322396	132.93	ng	-0.01
23) Nitrobenzene-d5	9.16	82	181450	92.02	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	190424	133.99	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	604950	102.32	ng	0.00
79) Terphenyl-d14	20.02	244	1216922	94.87	ng	0.00

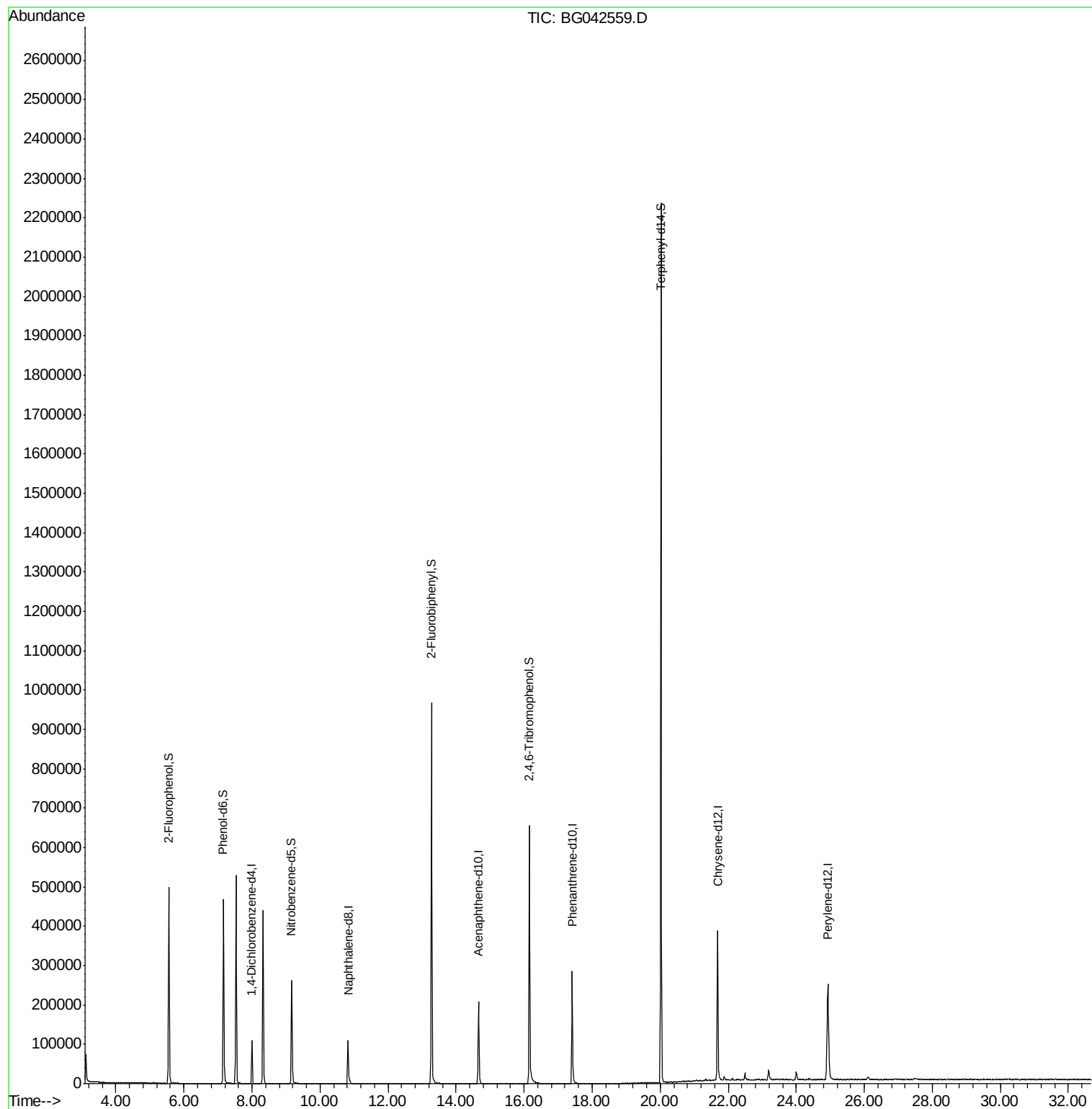
Target Compounds Qvalue

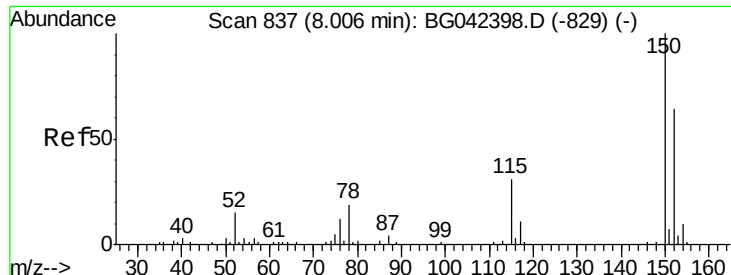
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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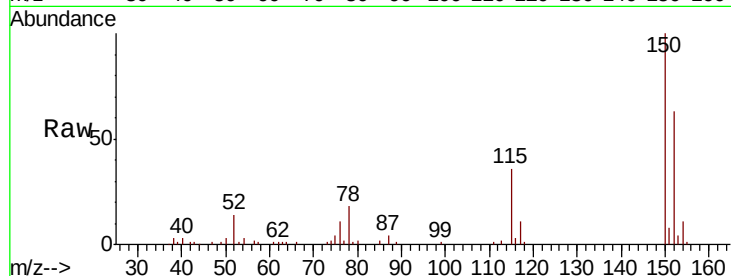


#1

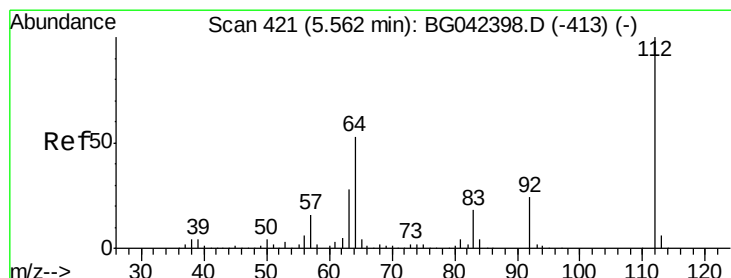
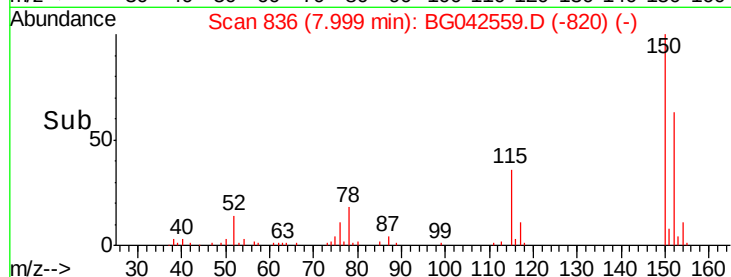
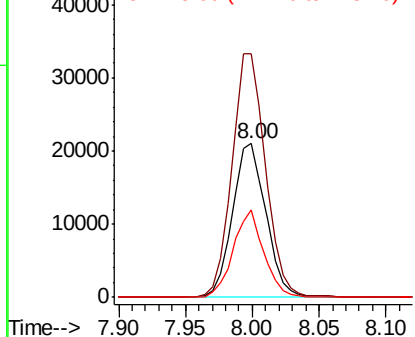
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042559.D
Acq: 29 Aug 2019 11:06

Instrument :
BNA_G
ClientSampleId :
PB122640BL

Tot Ion:152 Resp: 36365
Ion Ratio Lower Upper
152 100
150 158.4 125.4 188.0
115 56.6 38.5 57.7



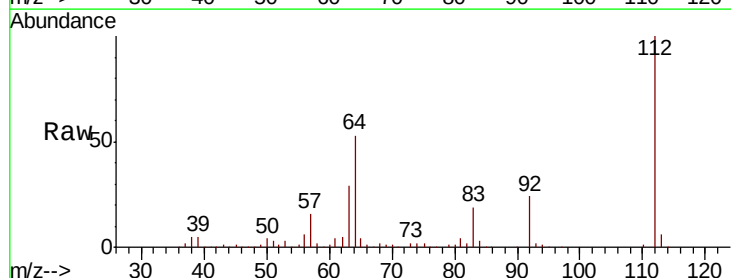
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



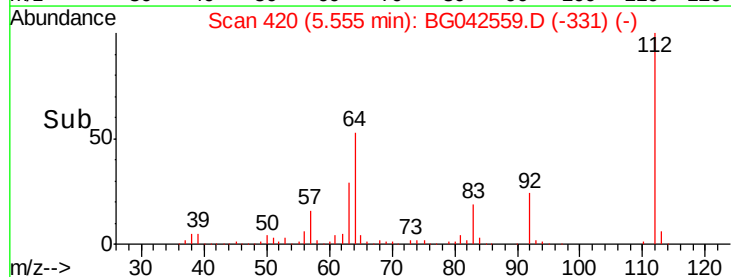
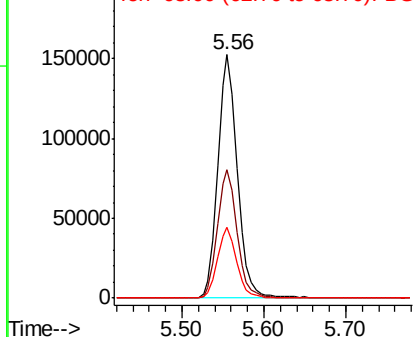
#5

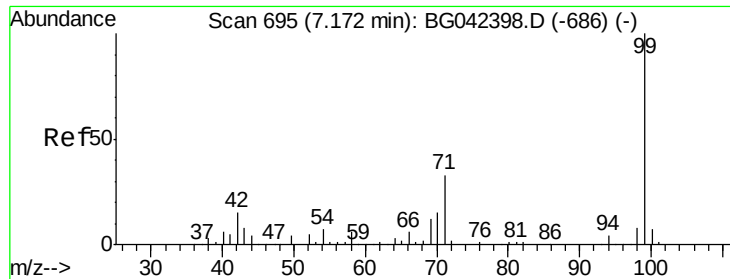
2-Fluorophenol
Concen: 140.974 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042559.D
Acq: 29 Aug 2019 11:06

Tgt Ion:112 Resp: 253125
Ion Ratio Lower Upper
112 100
64 53.0 42.8 64.2
63 29.0 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: 132.926 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042559.D

Acq: 29 Aug 2019 11:06

Instrument :

BNA_G

ClientSampleId :

PB122640BL

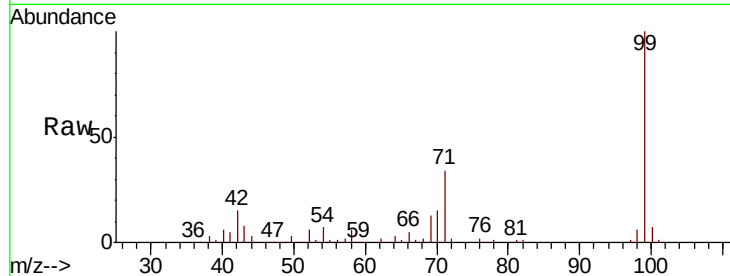
Tot Ion: 99 Resp: 322396

Ion Ratio Lower Upper

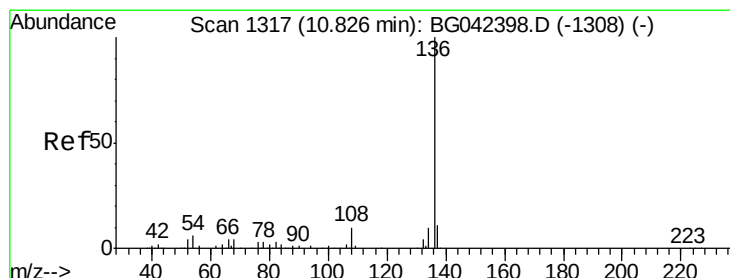
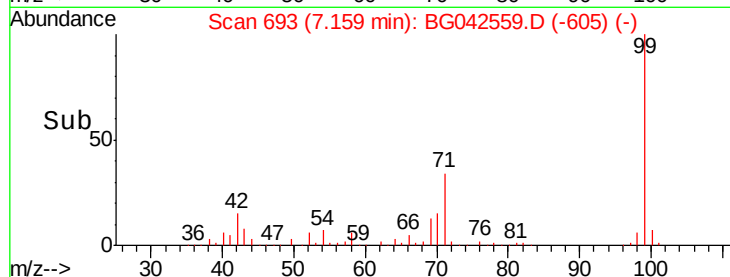
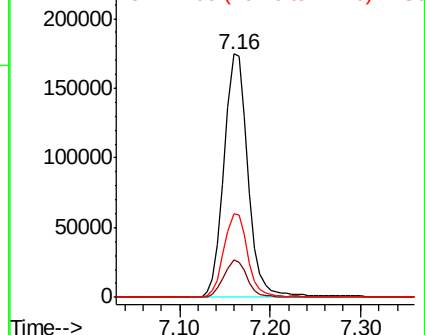
99 100

42 15.3 12.0 18.0

71 34.3 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: BG042559.D

Acq: 29 Aug 2019 11:06

Tgt Ion: 136 Resp: 136257

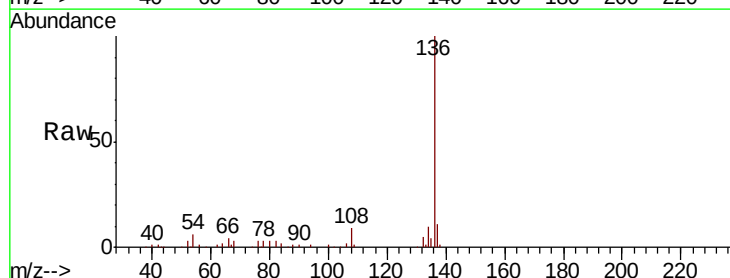
Ion Ratio Lower Upper

136 100

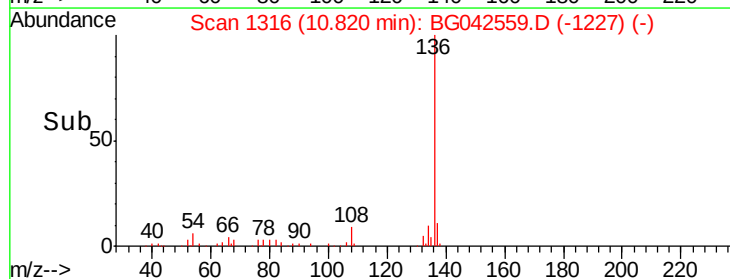
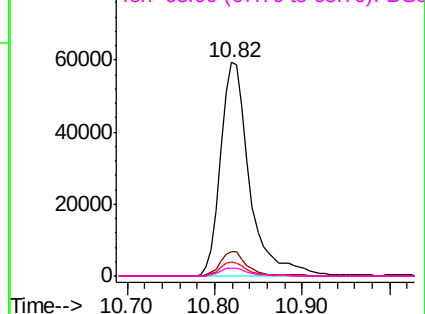
137 11.3 8.7 13.1

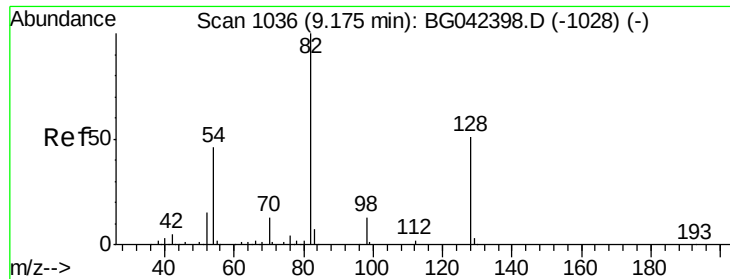
54 6.3 4.9 7.3

68 3.4 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: 92.024 ng

RT: 9.16 min Scan# 1034

Delta R.T. -0.01 min

Lab File: BG042559.D

Acq: 29 Aug 2019 11:06

Instrument :

BNA_G

ClientSampleId :

PB122640BL

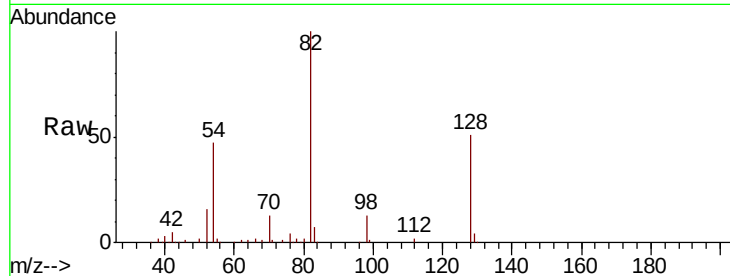
Tot Ion: 82 Resp: 181450

Ion Ratio Lower Upper

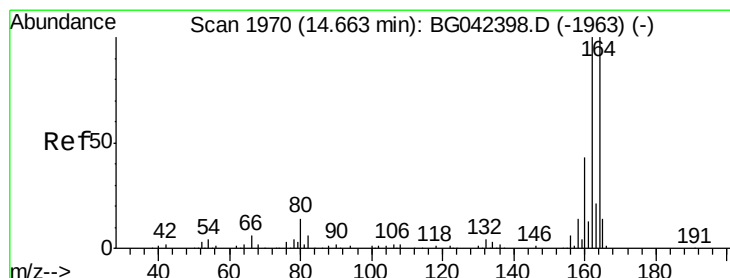
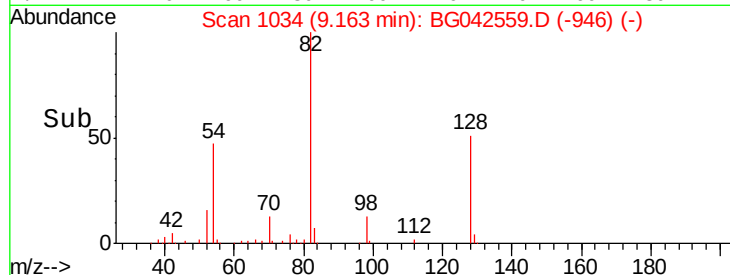
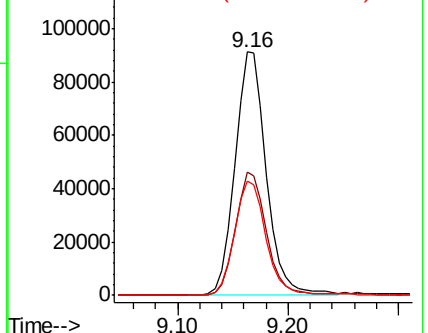
82 100

128 50.6 40.7 61.1

54 47.2 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# 1970

Delta R.T. -0.00 min

Lab File: BG042559.D

Acq: 29 Aug 2019 11:06

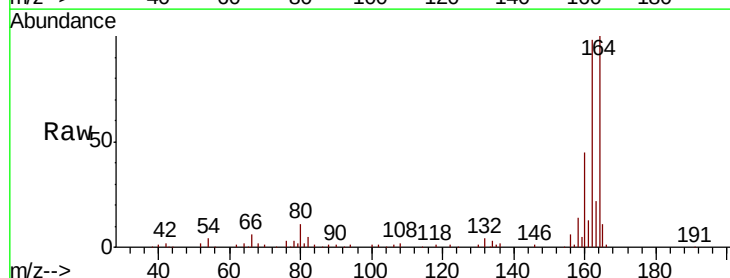
Tgt Ion: 164 Resp: 99992

Ion Ratio Lower Upper

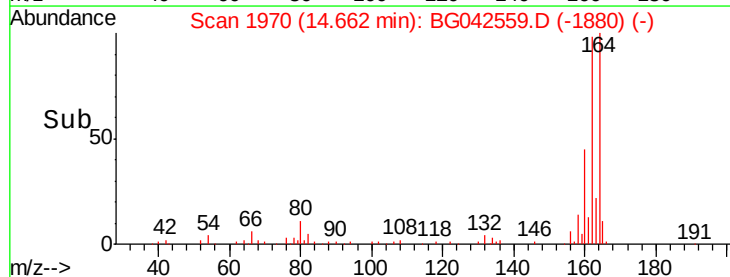
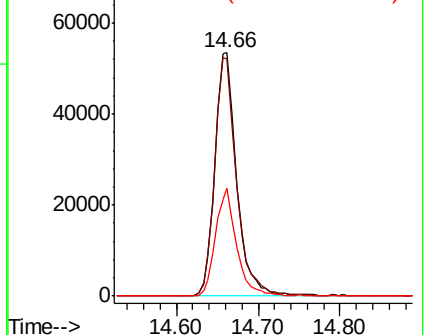
164 100

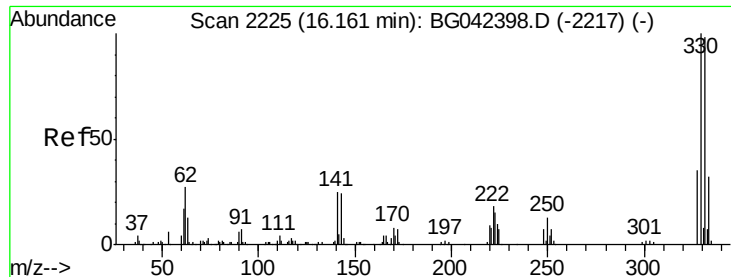
162 97.5 79.9 119.9

160 44.5 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: 133.986 ng

RT: 16.15 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG042559.D

Acq: 29 Aug 2019 11:06

Instrument :

BNA_G

ClientSampleId :

PB122640BL

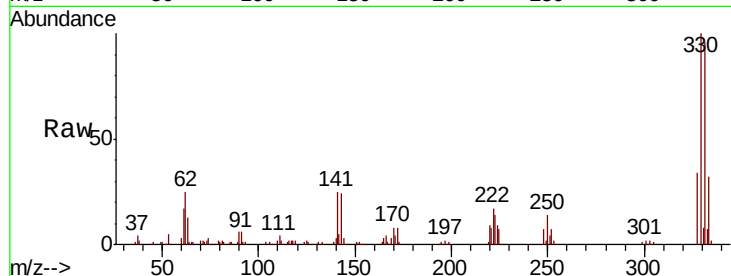
Tot Ion:330 Resp: 190424

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.0

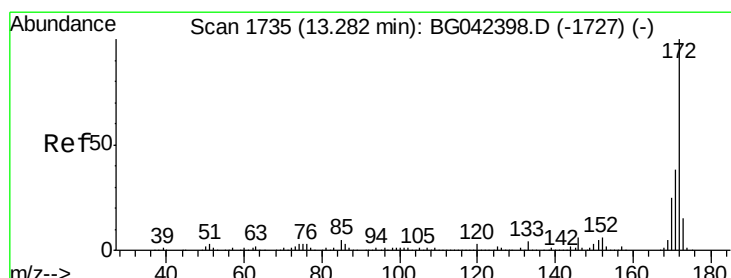
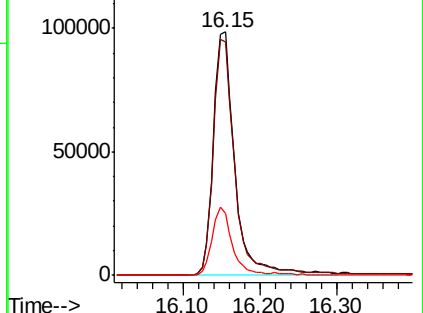
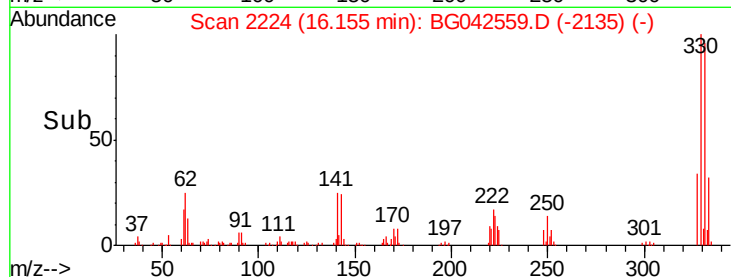
141 26.6 21.4 32.0



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: 102.322 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042559.D

Acq: 29 Aug 2019 11:06

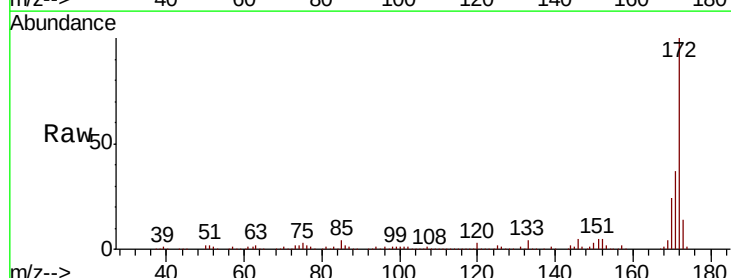
Tgt Ion:172 Resp: 604950

Ion Ratio Lower Upper

172 100

171 36.6 30.5 45.7

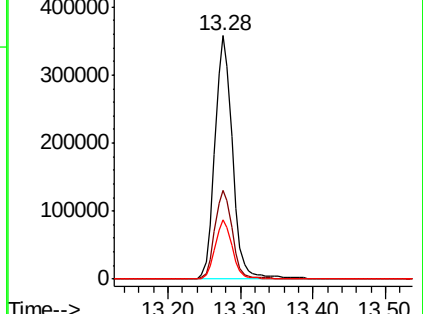
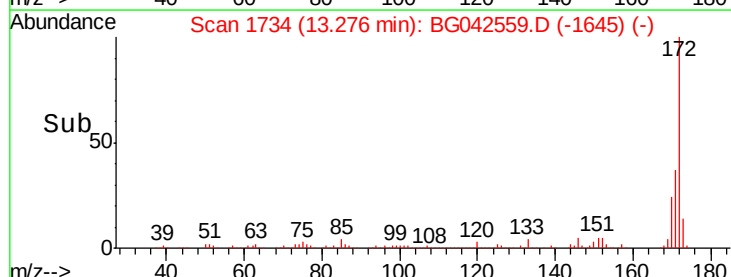
170 24.5 20.2 30.2

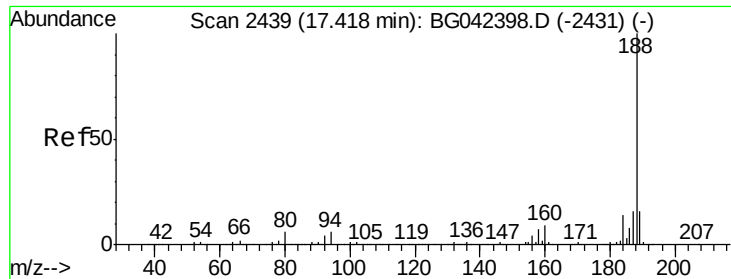


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2438

Delta R.T. -0.01 min

Lab File: BG042559.D

Acq: 29 Aug 2019 11:06

Instrument :

BNA_G

ClientSampleId :

PB122640BL

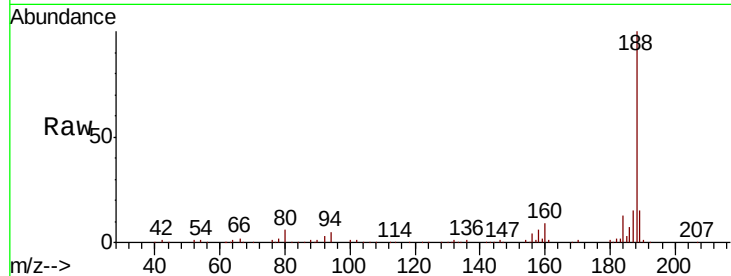
Tot Ion:188 Resp: 234117

Ion Ratio Lower Upper

188 100

94 5.2 4.5 6.7

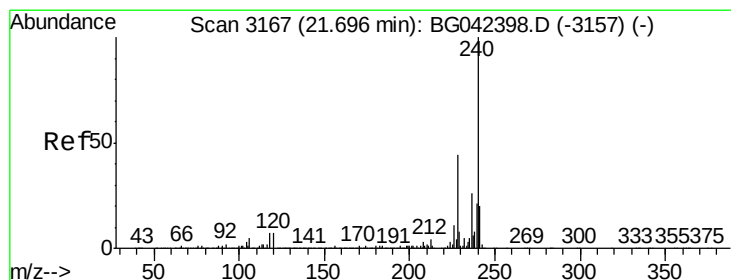
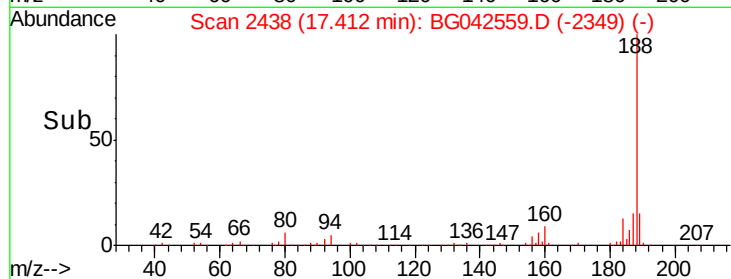
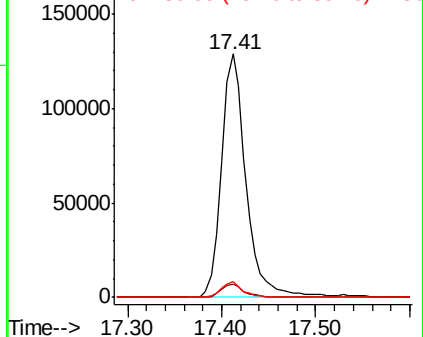
80 6.3 4.9 7.3



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: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042559.D

Acq: 29 Aug 2019 11:06

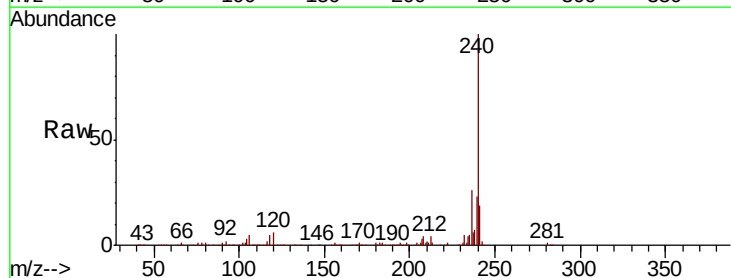
Tgt Ion:240 Resp: 277316

Ion Ratio Lower Upper

240 100

120 6.2 5.7 8.5

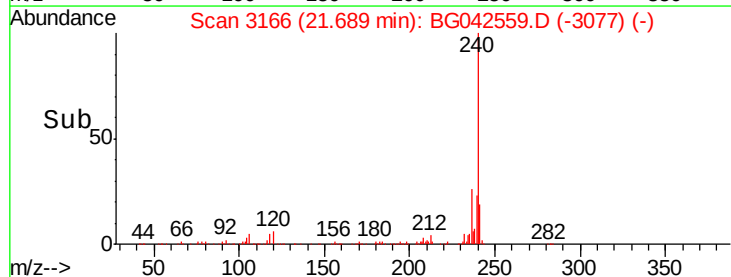
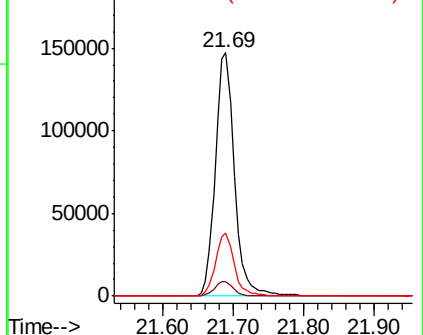
236 25.7 21.0 31.4

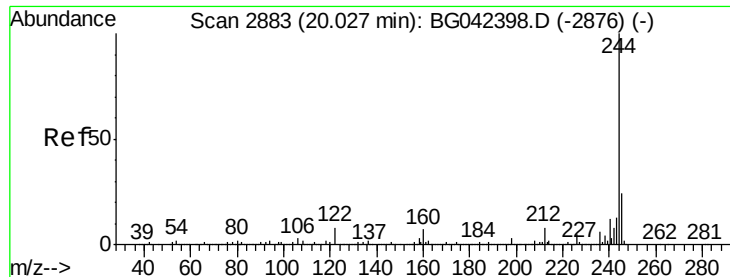


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.870 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042559.D

Acq: 29 Aug 2019 11:06

Instrument :

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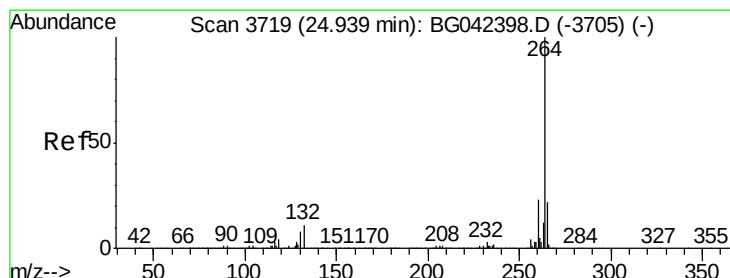
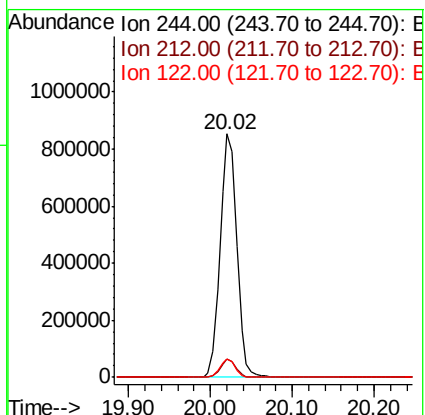
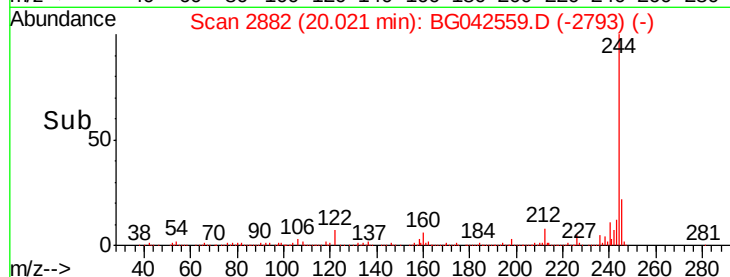
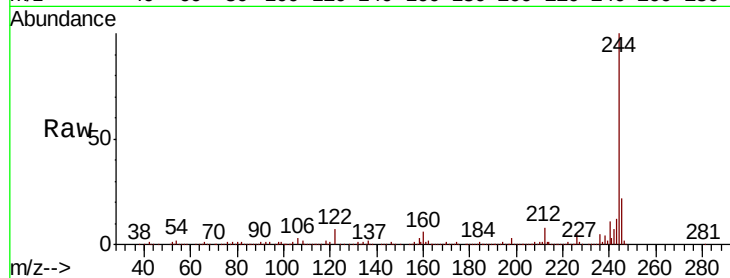
Tot Ion:244 Resp: 1216922

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 7.4 6.7 10.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042559.D

Acq: 29 Aug 2019 11:06

Tgt Ion:264 Resp: 321894

Ion Ratio Lower Upper

264 100

260 22.5 18.5 27.7

265 22.1 17.6 26.4

