

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
 Data File : BG042558.D
 Acq On : 29 Aug 2019 10:28
 Operator : HP/JU
 Sample : PB122602BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122602BL

Quant Time: Aug 29 12:27:02 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	35453	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	130425	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	95027	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	232434	20.00	ng	0.00
76) Chrysene-d12	21.68	240	272356	20.00	ng	-0.01
87) Perylene-d12	24.93	264	311623	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	257372	147.03	ng	0.00
7) Phenol-d6	7.16	99	335296	141.80	ng	-0.01
23) Nitrobenzene-d5	9.16	82	189662	100.49	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	203140	150.40	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	623985	111.06	ng	0.00
79) Terphenyl-d14	20.02	244	1309254	103.93	ng	0.00

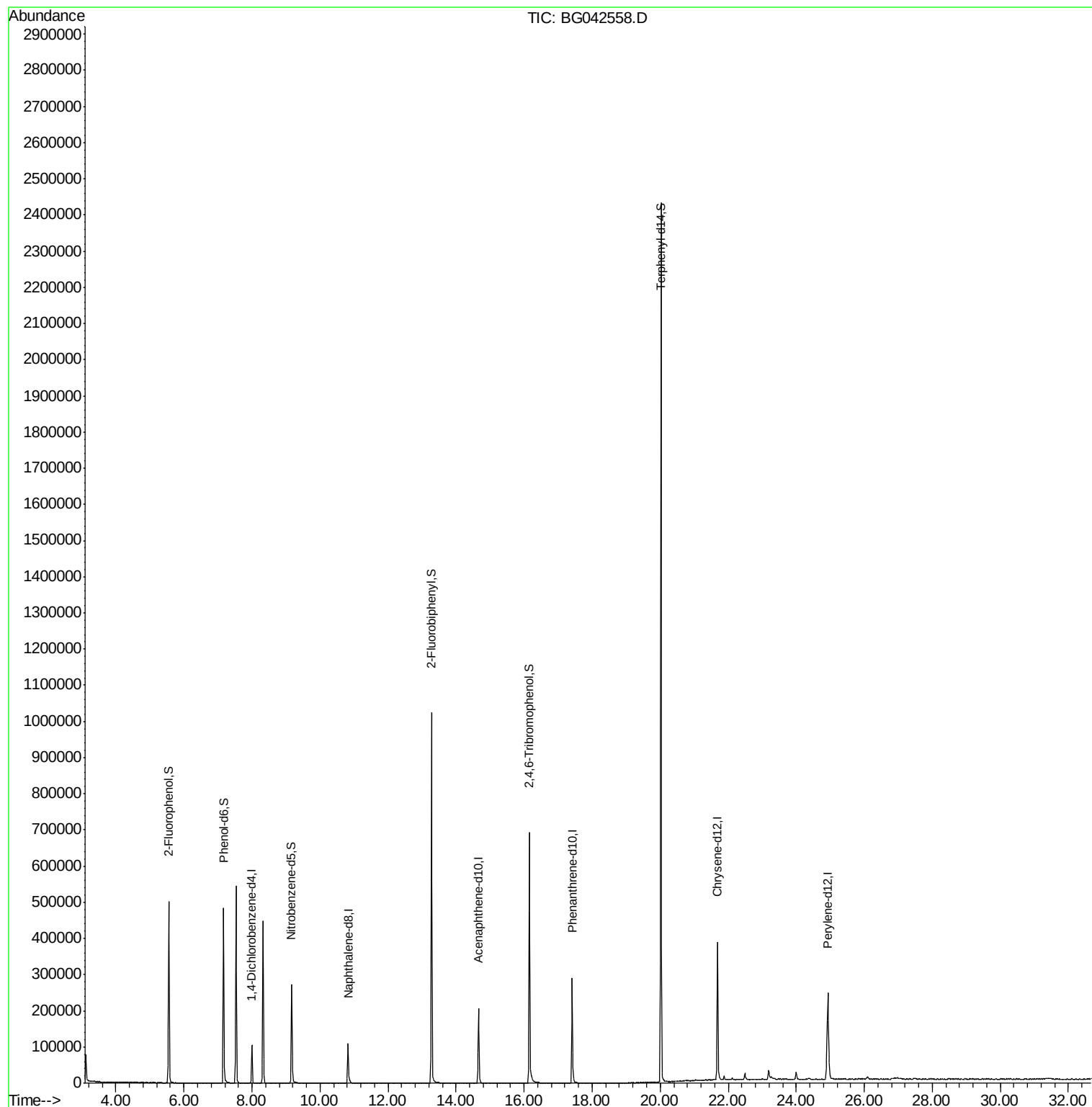
Target Compounds Qvalue

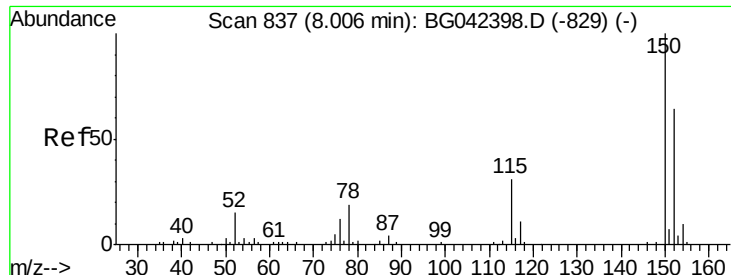
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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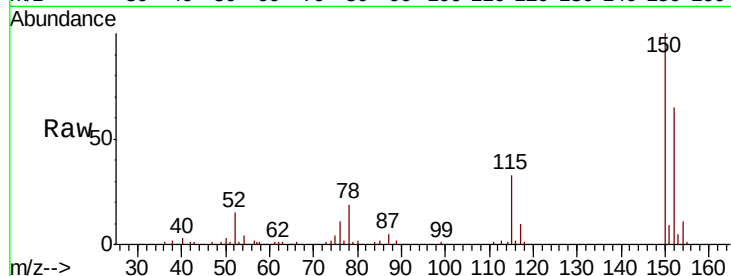


#1

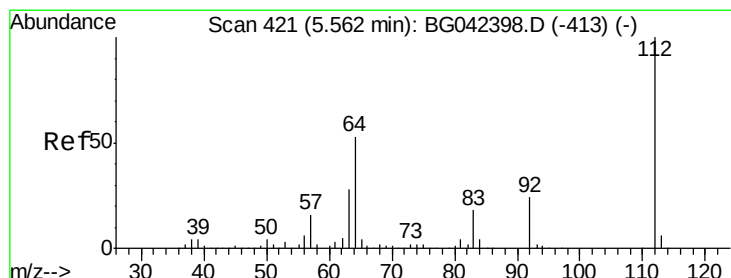
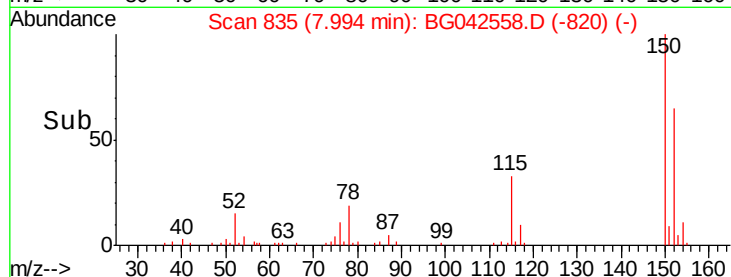
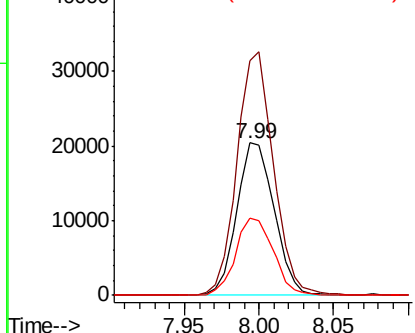
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 835
Delta R.T. -0.01 min
Lab File: BG042558.D
Acq: 29 Aug 2019 10:28

Instrument :
BNA_G
ClientSampleId :
PB122602BL

Tot Ion:152 Resp: 35453
Ion Ratio Lower Upper
152 100
150 154.3 125.4 188.0
115 50.3 38.5 57.7



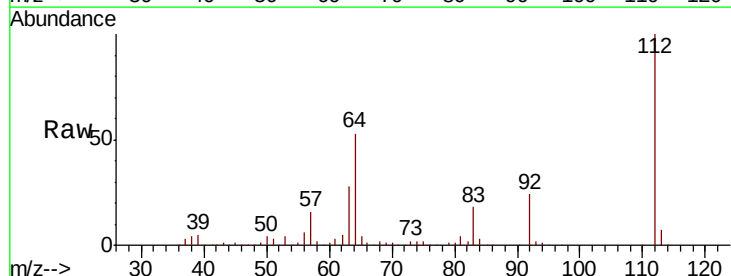
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



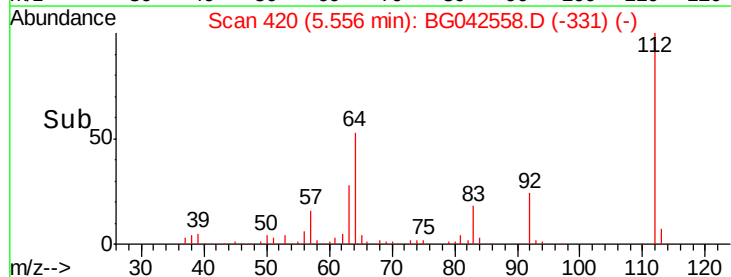
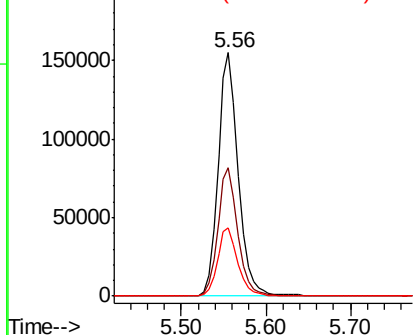
#5

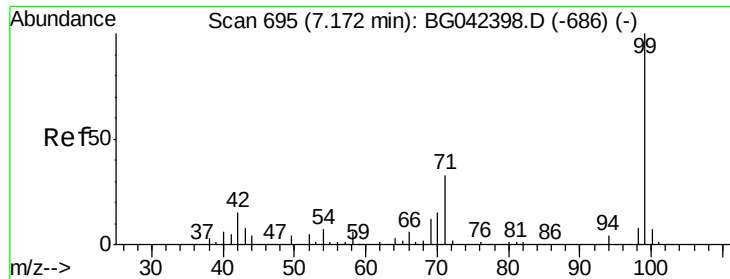
2-Fluorophenol
Concen: 147.027 ng
RT: 5.56 min Scan# 420
Delta R.T. -0.01 min
Lab File: BG042558.D
Acq: 29 Aug 2019 10:28

Tgt Ion:112 Resp: 257372
Ion Ratio Lower Upper
112 100
64 52.9 42.8 64.2
63 28.1 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: 141.801 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042558.D

Acq: 29 Aug 2019 10:28

Instrument :

BNA_G

ClientSampleId :

PB122602BL

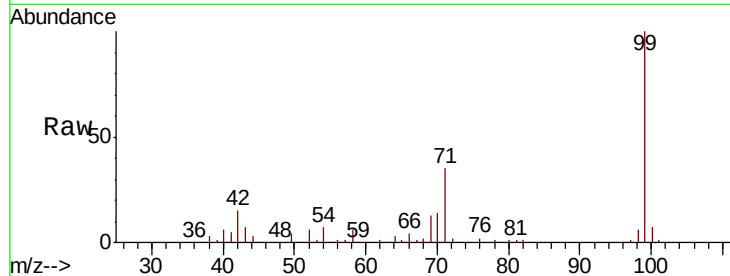
Tot Ion: 99 Resp: 335296

Ion Ratio Lower Upper

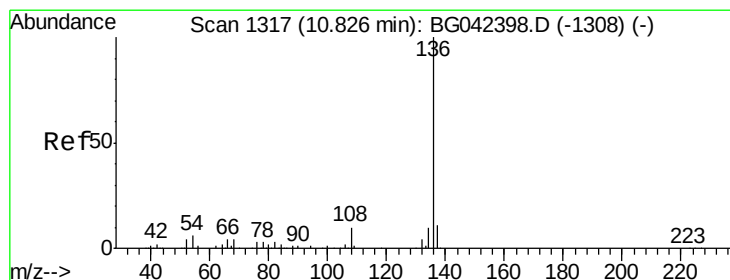
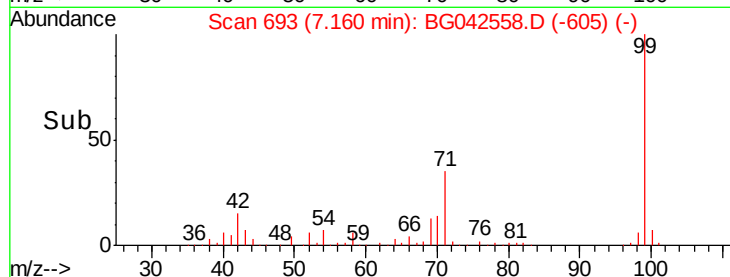
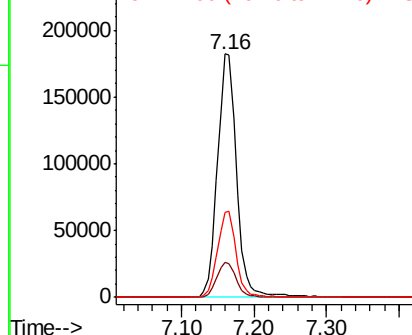
99 100

42 14.5 12.0 18.0

71 34.9 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: BG042558.D

Acq: 29 Aug 2019 10:28

Tgt Ion: 136 Resp: 130425

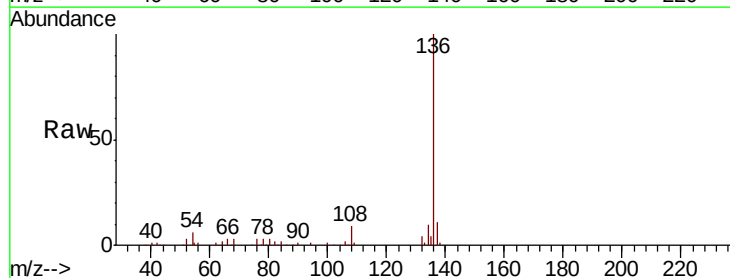
Ion Ratio Lower Upper

136 100

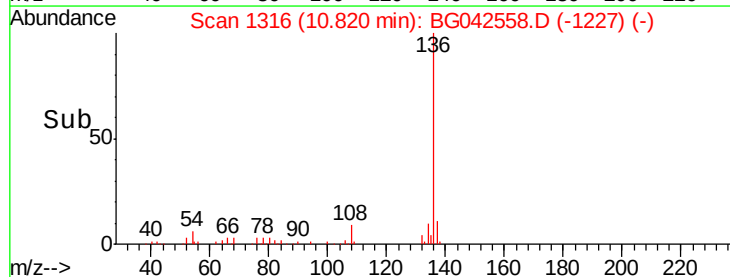
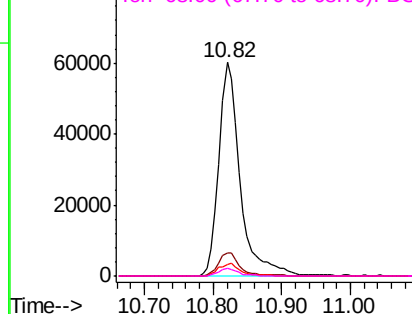
137 10.8 8.7 13.1

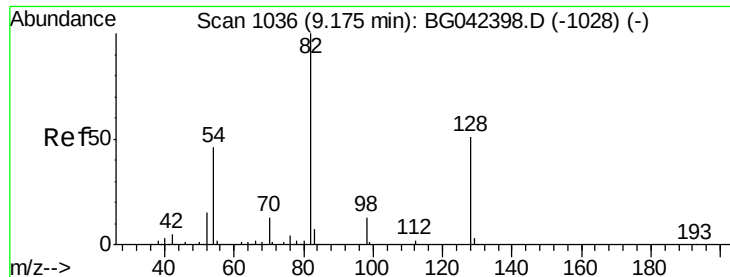
54 5.7 4.9 7.3

68 3.4 3.6 5.4#



Abundance Ion 136.00 (135.70 to 136.70): E
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

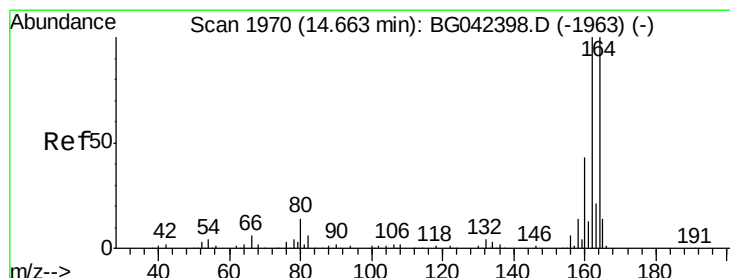
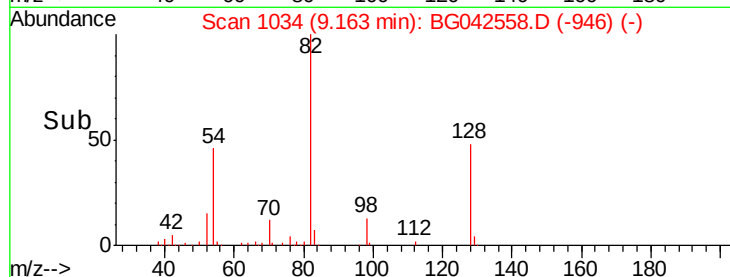
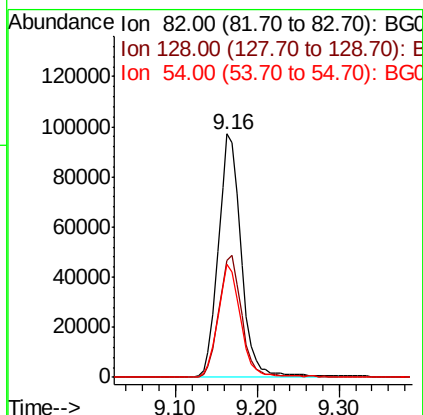
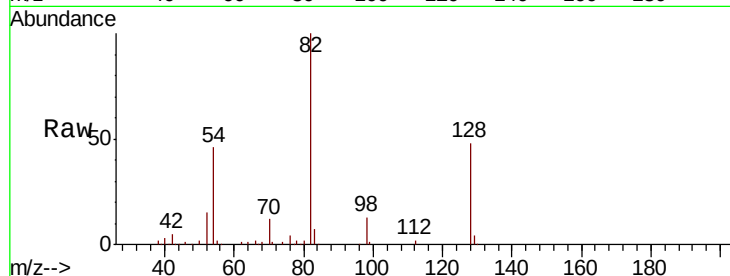




#23
Nitrobenzene-d5
Concen: 100.490 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042558.D
Acq: 29 Aug 2019 10:28

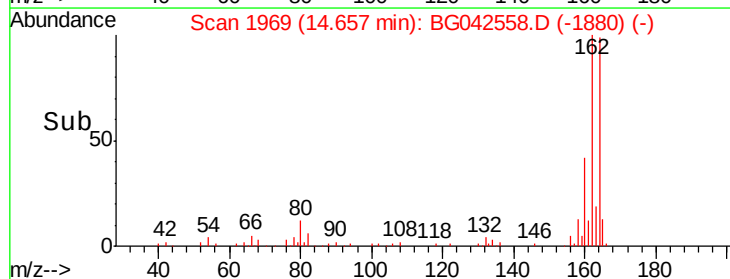
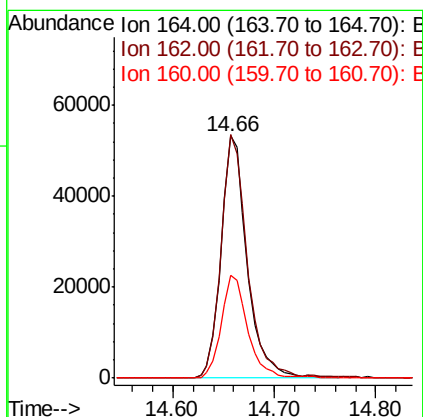
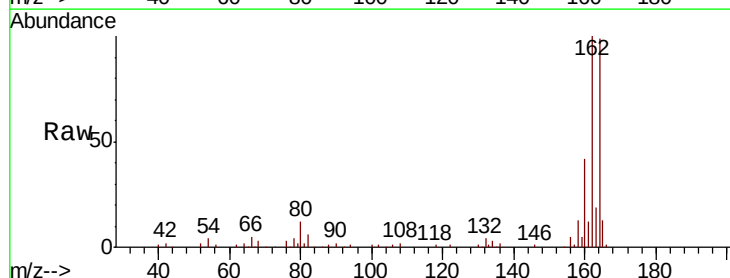
Instrument :
BNA_G
ClientSampleId :
PB122602BL

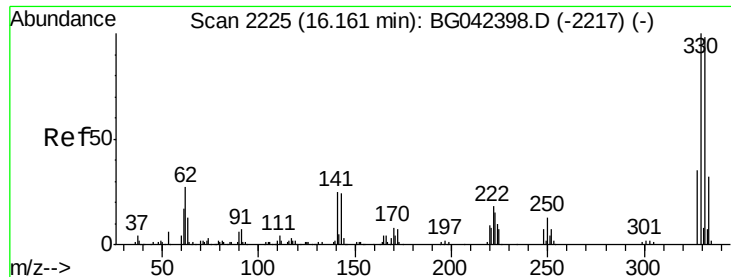
Tot Ion	82	Resp	189662
Ion Ratio	Lower	Upper	
82	100		
128	47.9	40.7	61.1
54	46.4	36.3	54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.01 min
Lab File: BG042558.D
Acq: 29 Aug 2019 10:28

Tgt Ion	164	Resp	95027
Ion Ratio	Lower	Upper	
164	100		
162	100.6	79.9	119.9
160	42.4	34.3	51.5





#42

2,4,6-Tribromophenol

Concen: 150.401 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042558.D

Acq: 29 Aug 2019 10:28

Instrument :

BNA_G

ClientSampleId :

PB122602BL

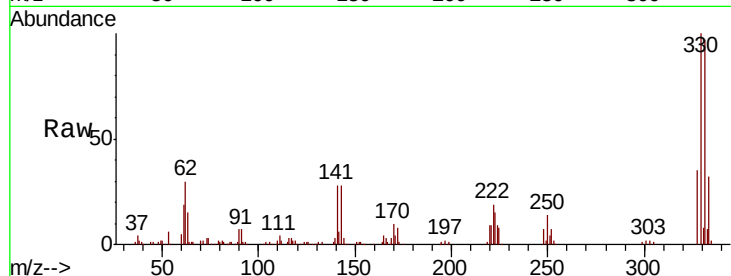
Tot Ion:330 Resp: 203140

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.0

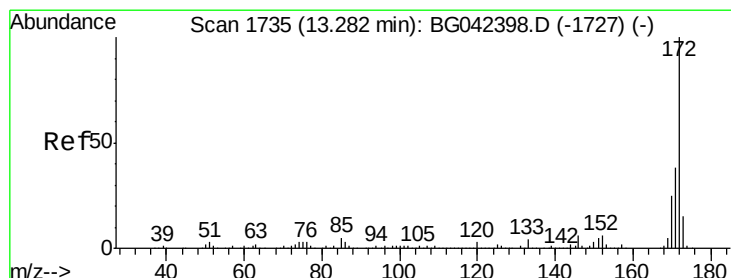
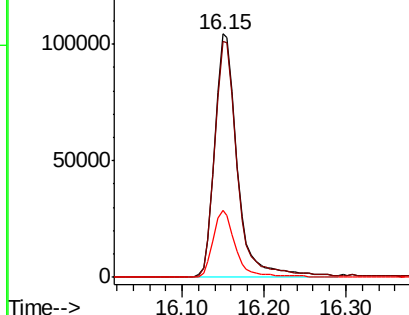
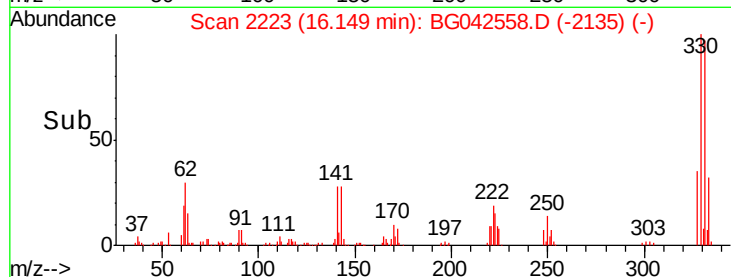
141 26.6 21.4 32.0



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: 111.056 ng

RT: 13.28 min Scan# 1734

Delta R.T. -0.01 min

Lab File: BG042558.D

Acq: 29 Aug 2019 10:28

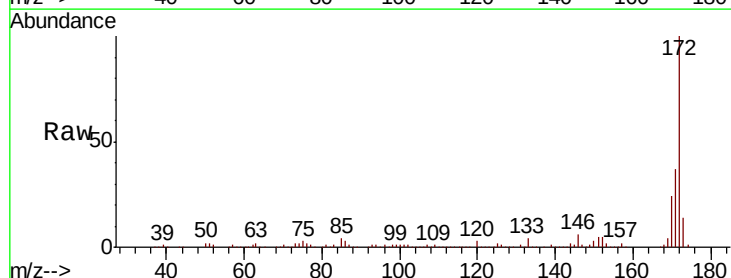
Tgt Ion:172 Resp: 623985

Ion Ratio Lower Upper

172 100

171 36.9 30.5 45.7

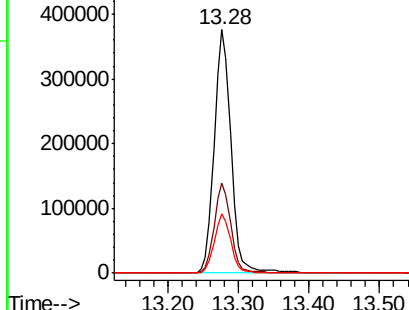
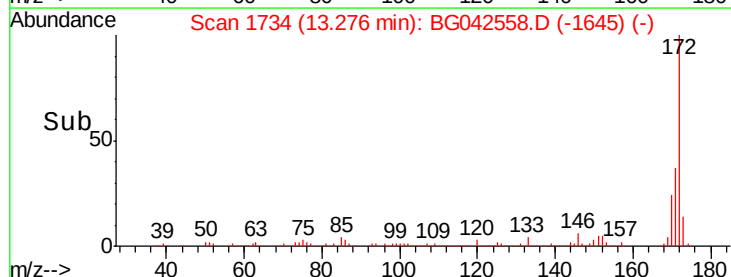
170 24.4 20.2 30.2

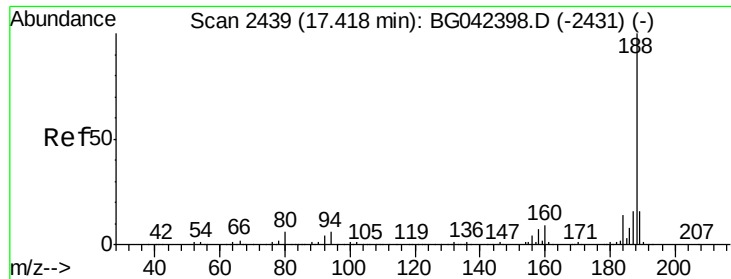


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG042558.D

Acq: 29 Aug 2019 10:28

Instrument :

BNA_G

ClientSampleId :

PB122602BL

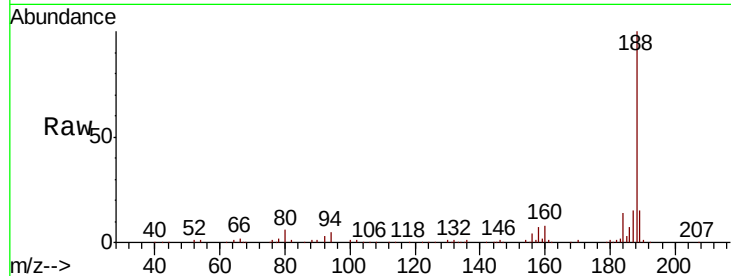
Tot Ion:188 Resp: 232434

Ion Ratio Lower Upper

188 100

94 5.3 4.5 6.7

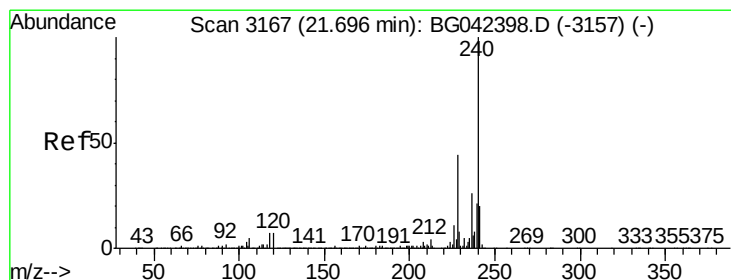
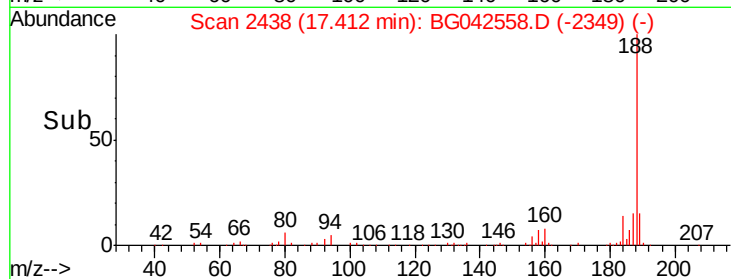
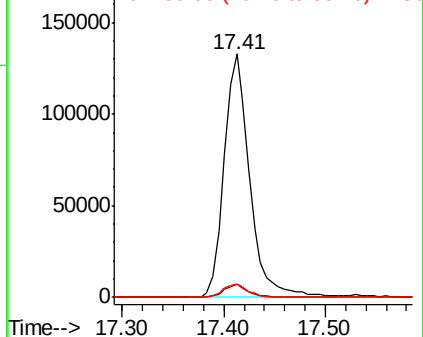
80 5.7 4.9 7.3



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: BG042558.D

Acq: 29 Aug 2019 10:28

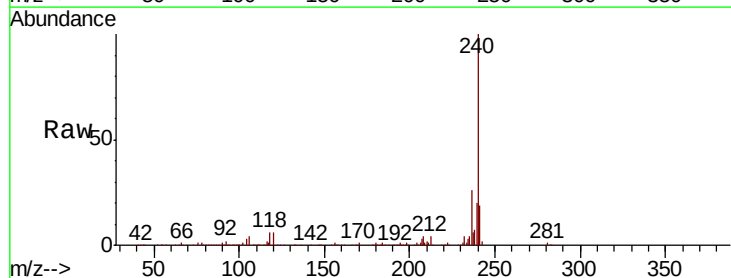
Tgt Ion:240 Resp: 272356

Ion Ratio Lower Upper

240 100

120 6.0 5.7 8.5

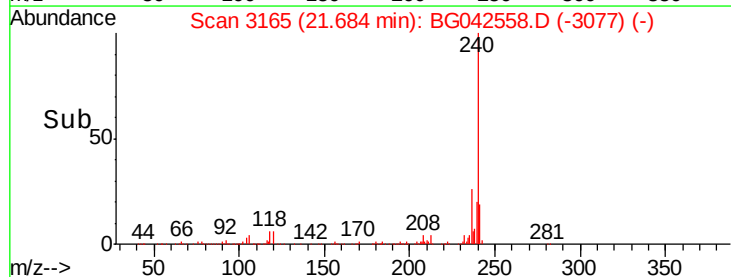
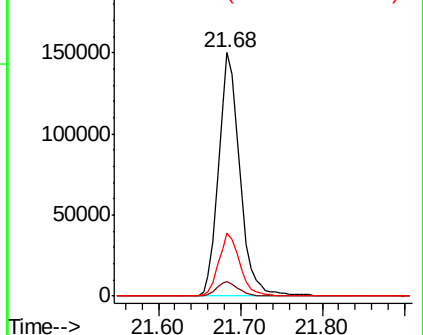
236 25.9 21.0 31.4

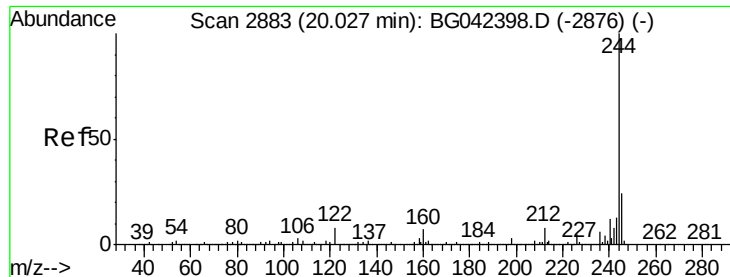


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 103.927 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042558.D

Acq: 29 Aug 2019 10:28

Instrument :

BNA_G

ClientSampleId :

PB122602BL

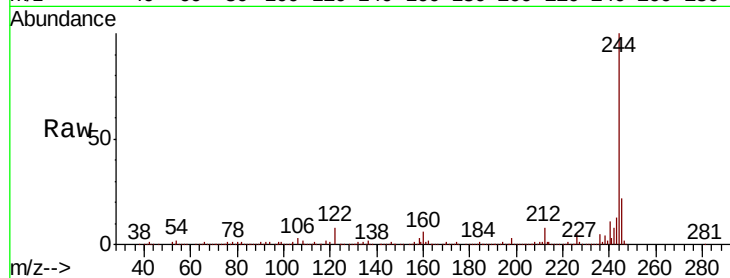
Tot Ion:244 Resp: 1309254

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 7.5 6.7 10.1

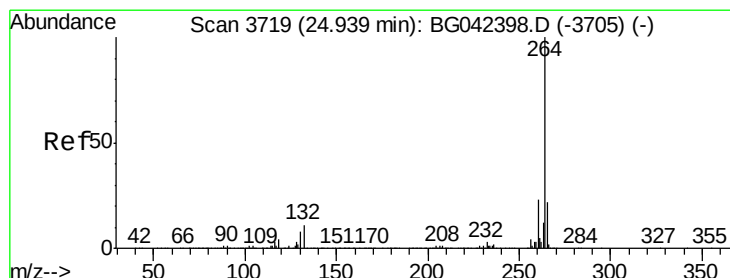
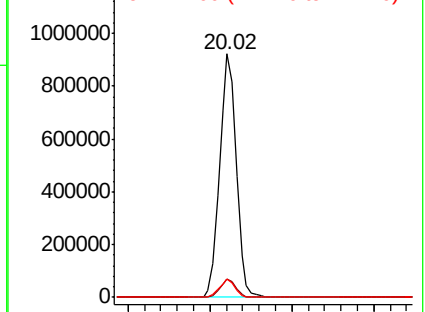
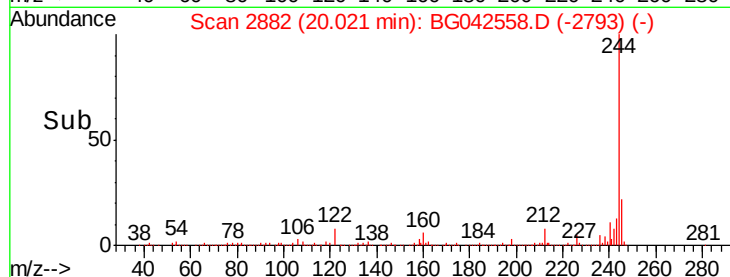


Abundance

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: 24.93 min Scan# 3717

Delta R.T. -0.01 min

Lab File: BG042558.D

Acq: 29 Aug 2019 10:28

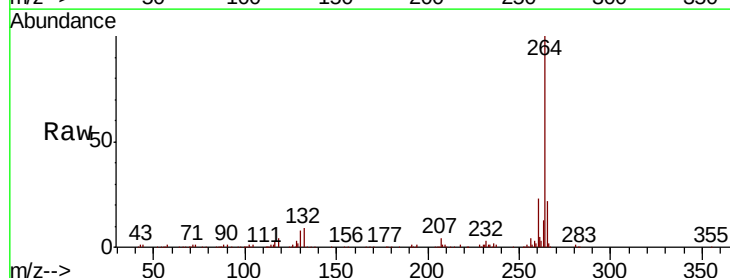
Tgt Ion:264 Resp: 311623

Ion Ratio Lower Upper

264 100

260 22.6 18.5 27.7

265 21.8 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

