

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
 Data File : BG042630.D
 Acq On : 31 Aug 2019 12:00
 Operator : HP/JU
 Sample : PB122704TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB122704TB

Quant Time: Aug 31 18:20:25 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	32898	20.00	ng	-0.02
21) Naphthalene-d8	10.82	136	122554	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	89318	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	213221	20.00	ng	-0.01
76) Chrysene-d12	21.68	240	256093	20.00	ng	-0.02
87) Perylene-d12	24.92	264	293607	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	237599	146.27	ng	-0.01
7) Phenol-d6	7.16	99	303855	138.48	ng	-0.01
23) Nitrobenzene-d5	9.16	82	176584	99.57	ng	-0.01
42) 2,4,6-Tribromophenol	16.15	330	193729	152.60	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	580754	109.97	ng	-0.01
79) Terphenyl-d14	20.02	244	1187054	100.21	ng	0.00

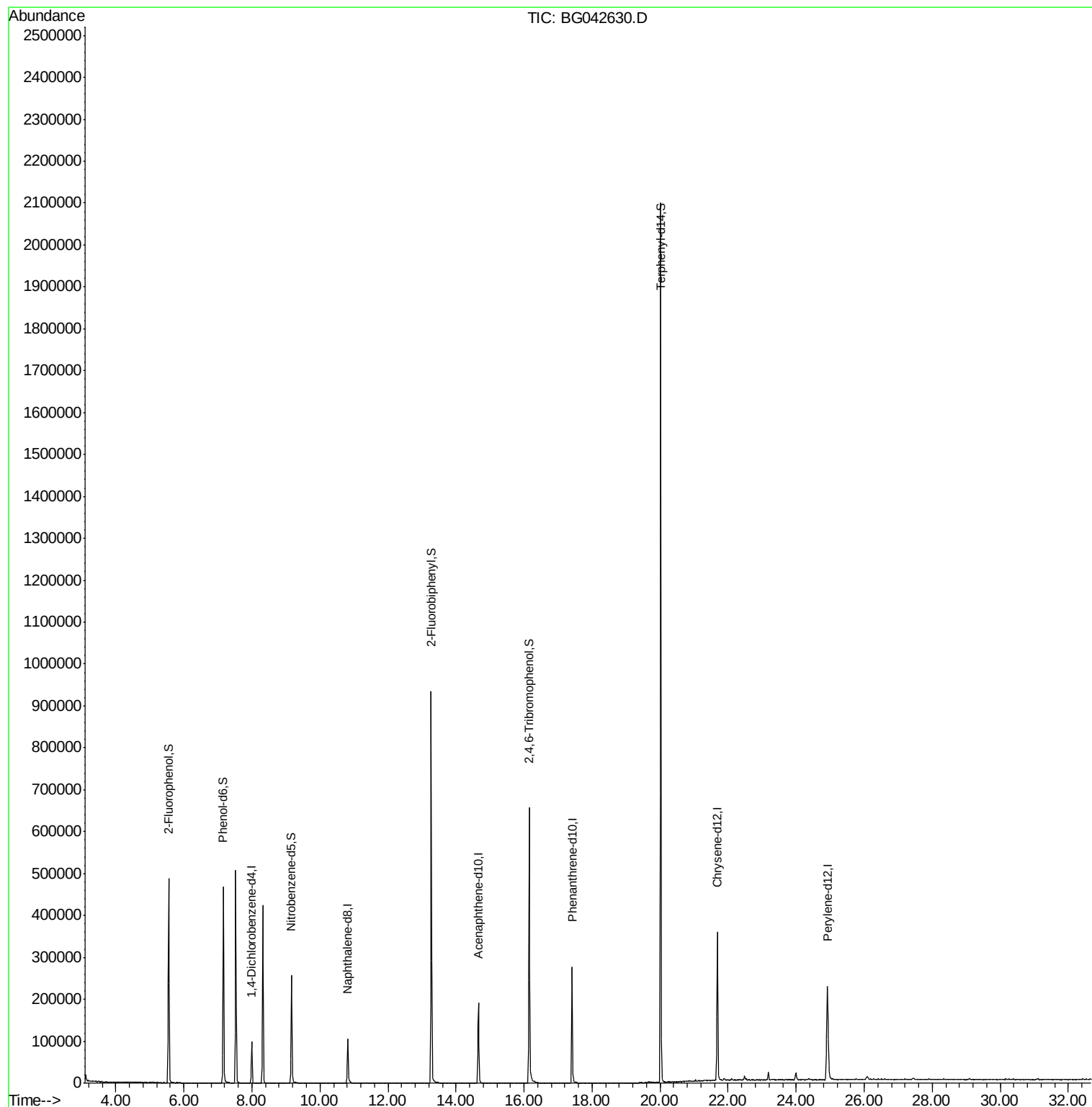
Target Compounds Qvalue

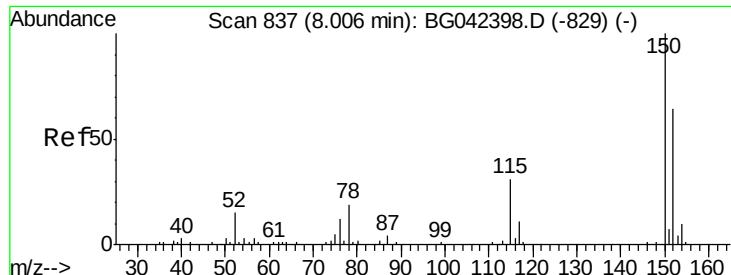
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083119\
Data File : BG042630.D
Acq On : 31 Aug 2019 12:00
Operator : HP/JU
Sample : PB122704TB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122704TB

Quant Time: Aug 31 18:20:25 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



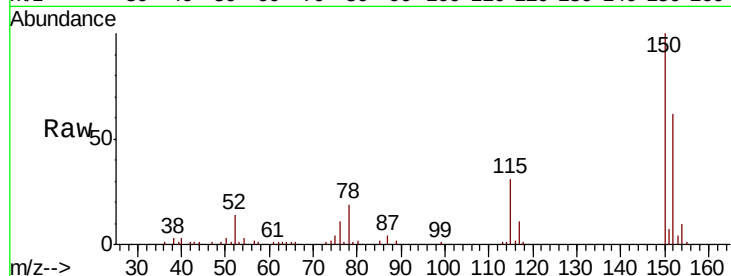


#1

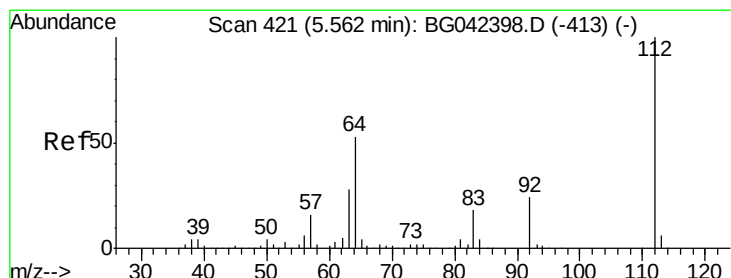
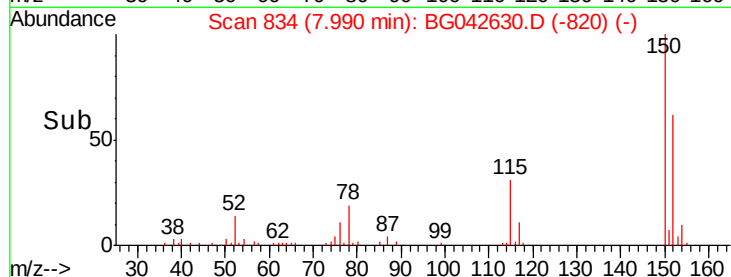
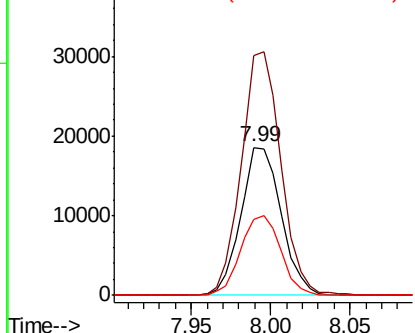
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 834
Delta R.T. -0.02 min
Lab File: BG042630.D
Acq: 31 Aug 2019 12:00

Instrument :
BNA_G
ClientSampleId :
PB122704TB

Tot Ion:152 Resp: 32898
Ion Ratio Lower Upper
152 100
150 162.1 125.4 188.0
115 51.0 38.5 57.7



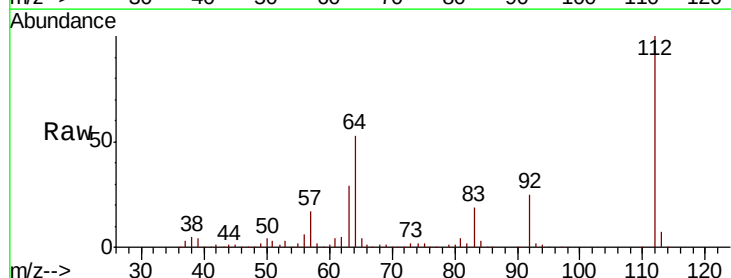
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



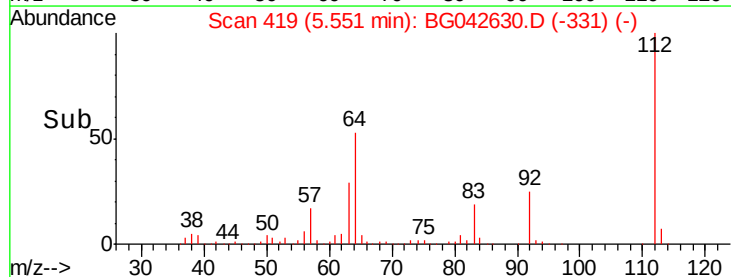
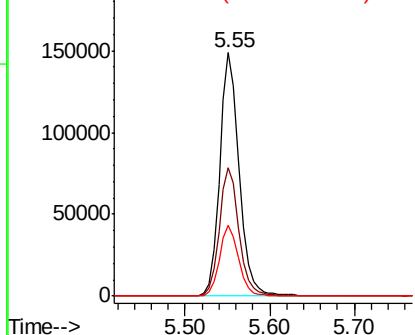
#5

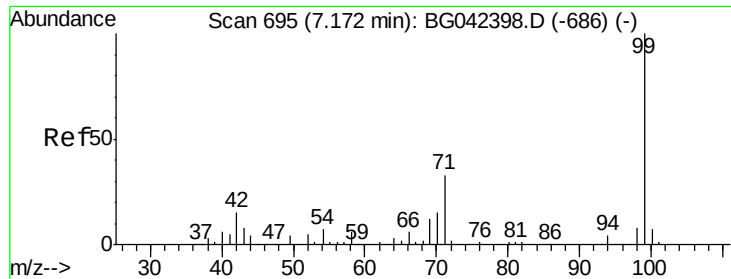
2-Fluorophenol
Concen: 146.272 ng
RT: 5.55 min Scan# 419
Delta R.T. -0.01 min
Lab File: BG042630.D
Acq: 31 Aug 2019 12:00

Tgt Ion:112 Resp: 237599
Ion Ratio Lower Upper
112 100
64 52.9 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: 138.485 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG042630.D

Acq: 31 Aug 2019 12:00

Instrument :

BNA_G

ClientSampleId :

PB122704TB

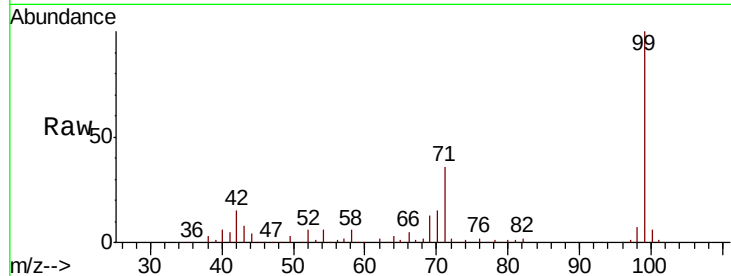
Tot Ion: 99 Resp: 303855

Ion Ratio Lower Upper

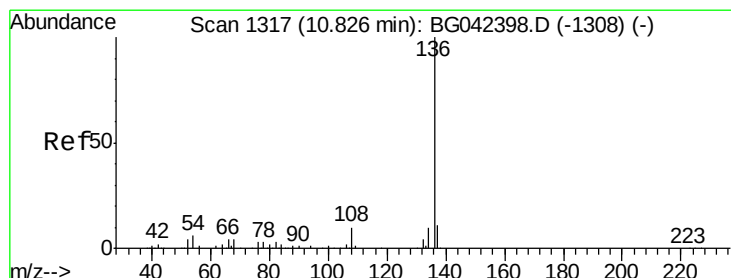
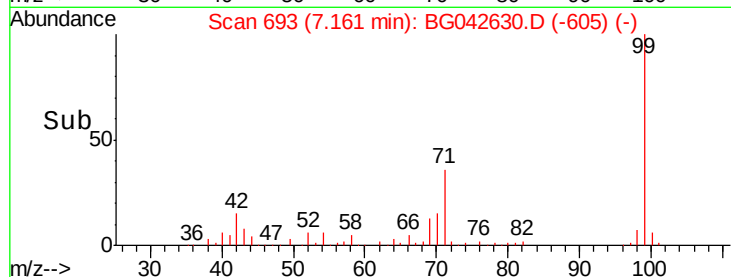
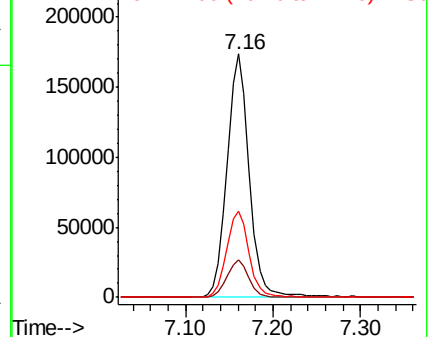
99 100

42 15.2 12.0 18.0

71 35.6 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# 1315

Delta R.T. -0.01 min

Lab File: BG042630.D

Acq: 31 Aug 2019 12:00

Tgt Ion: 136 Resp: 122554

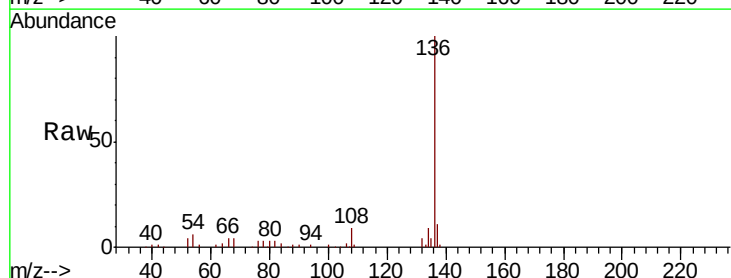
Ion Ratio Lower Upper

136 100

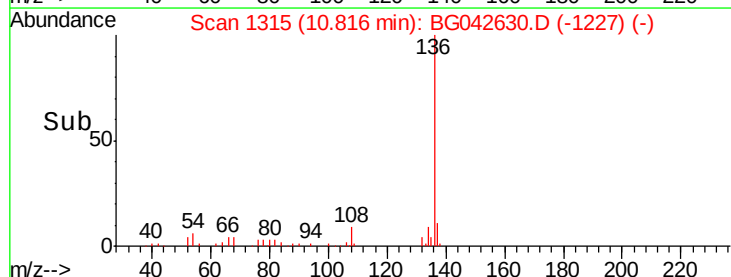
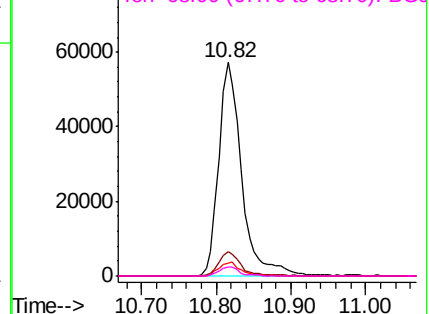
137 11.4 8.7 13.1

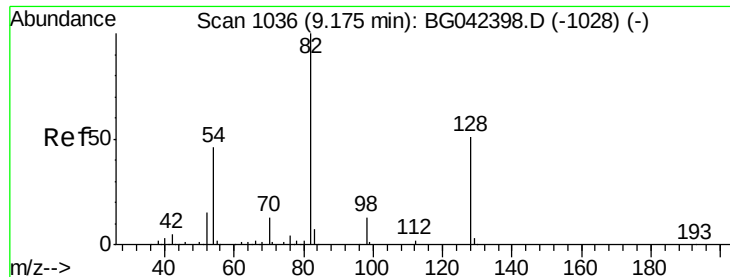
54 6.3 4.9 7.3

68 4.1 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

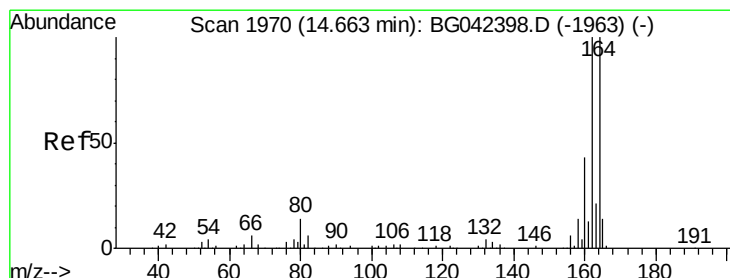
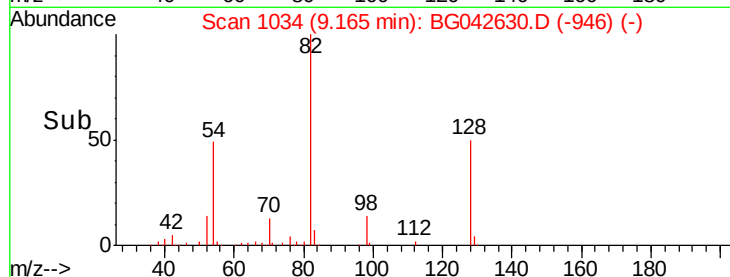
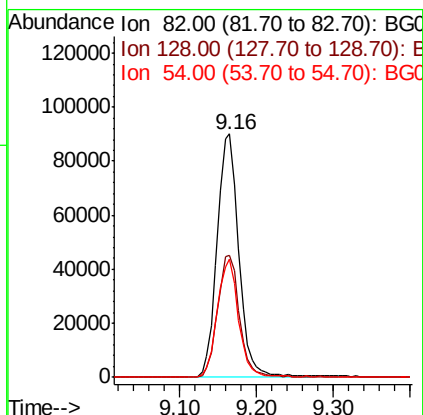
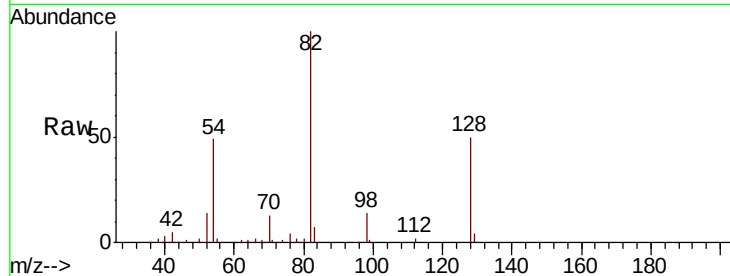




#23
Nitrobenzene-d5
Concen: 99.570 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG042630.D
Acq: 31 Aug 2019 12:00

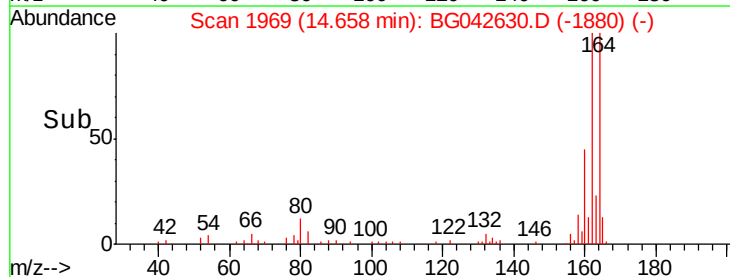
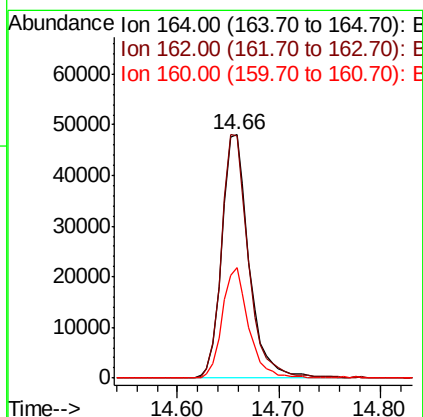
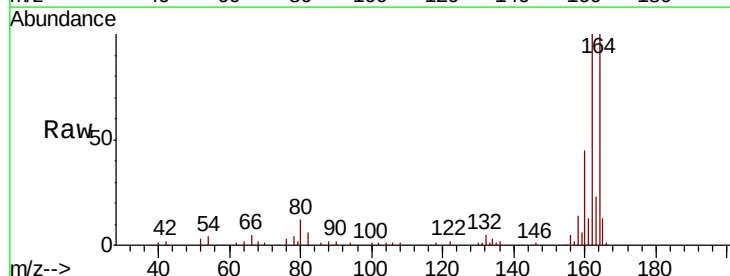
Instrument :
BNA_G
ClientSampleId :
PB122704TB

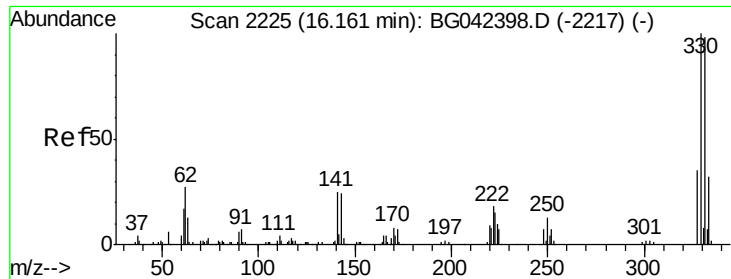
Tot Ion: 82 Resp: 176584
Ion Ratio Lower Upper
82 100
128 50.2 40.7 61.1
54 48.5 36.3 54.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG042630.D
Acq: 31 Aug 2019 12:00

Tgt Ion:164 Resp: 89318
Ion Ratio Lower Upper
164 100
162 99.5 79.9 119.9
160 45.4 34.3 51.5





#42

2,4,6-Tribromophenol

Concen: 152.602 ng

RT: 16.15 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BG042630.D

Acq: 31 Aug 2019 12:00

Instrument :

BNA_G

ClientSampleId :

PB122704TB

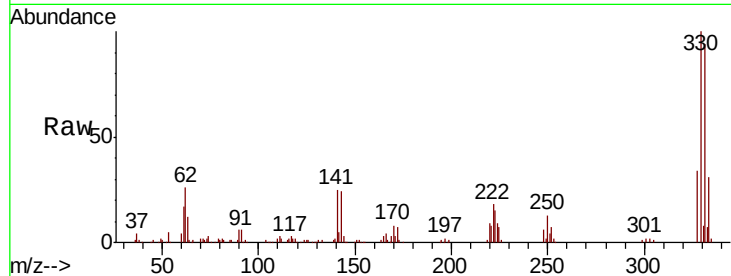
Tot Ion:330 Resp: 193729

Ion Ratio Lower Upper

330 100

332 95.1 77.4 116.0

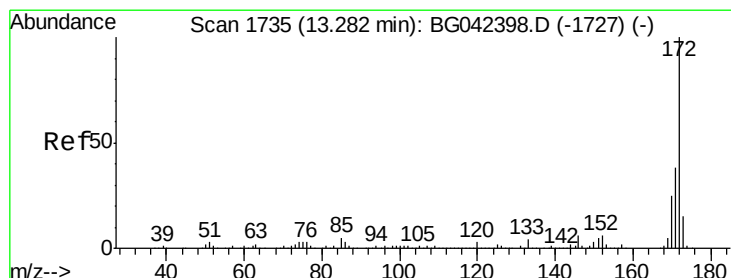
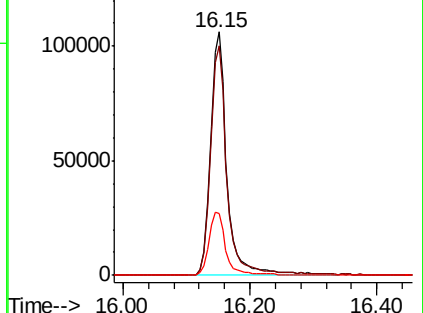
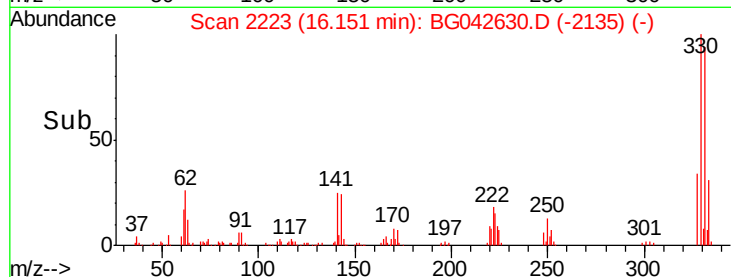
141 26.5 21.4 32.0



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: 109.969 ng

RT: 13.27 min Scan# 1733

Delta R.T. -0.01 min

Lab File: BG042630.D

Acq: 31 Aug 2019 12:00

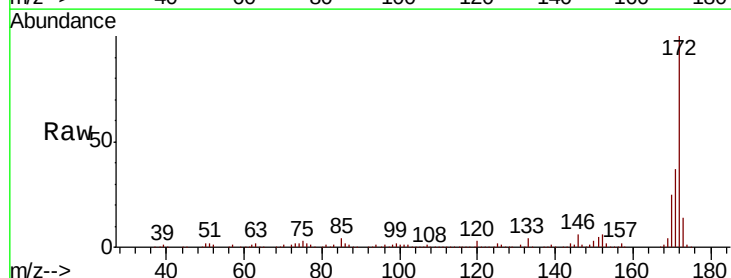
Tgt Ion:172 Resp: 580754

Ion Ratio Lower Upper

172 100

171 37.3 30.5 45.7

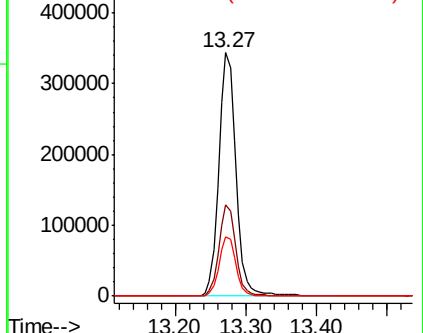
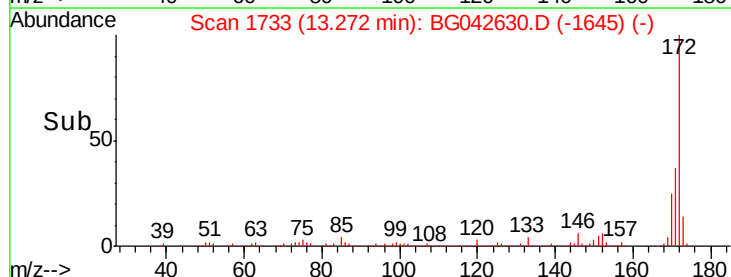
170 24.5 20.2 30.2

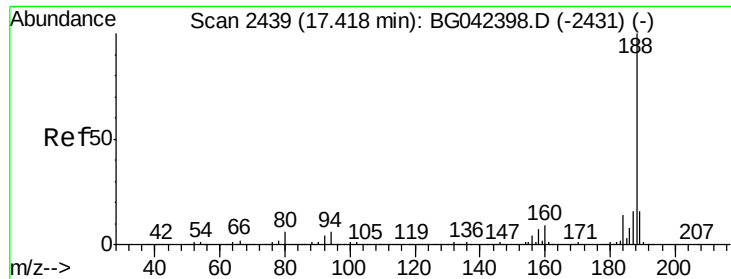


Abundance Ion 172.00 (171.70 to 172.70): E

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: BG042630.D

Acq: 31 Aug 2019 12:00

Instrument :

BNA_G

ClientSampleId :

PB122704TB

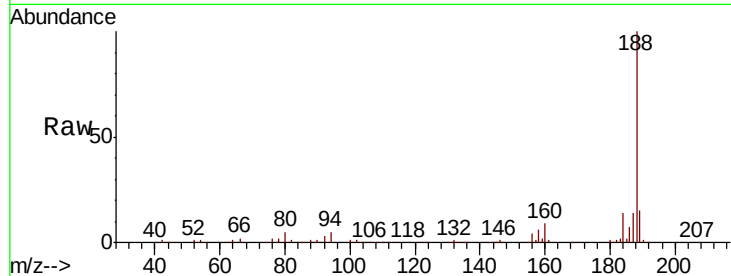
Tot Ion:188 Resp: 213221

Ion Ratio Lower Upper

188 100

94 5.0 4.5 6.7

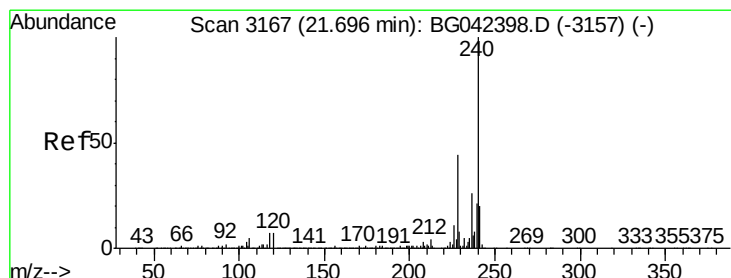
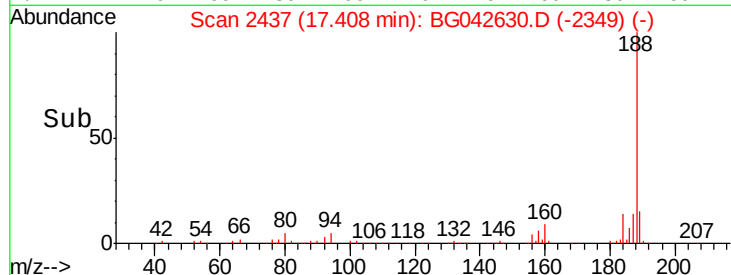
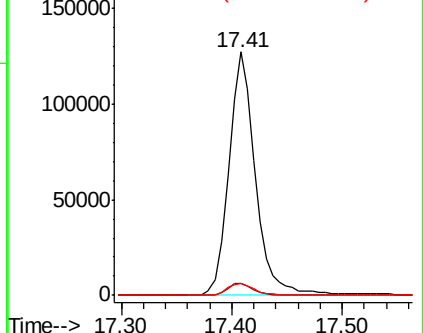
80 5.1 4.9 7.3



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# 3164

Delta R.T. -0.02 min

Lab File: BG042630.D

Acq: 31 Aug 2019 12:00

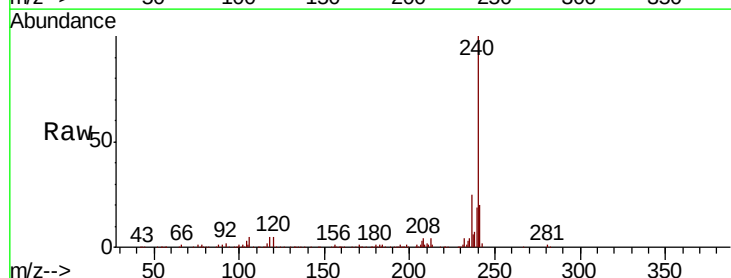
Tgt Ion:240 Resp: 256093

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

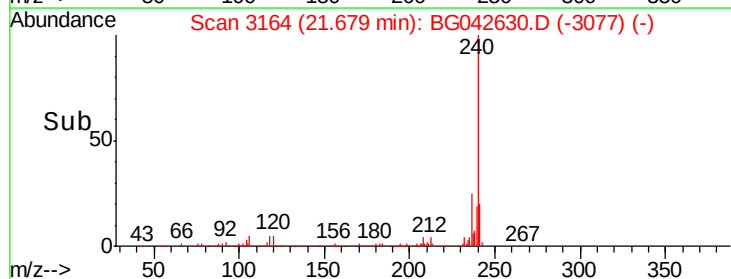
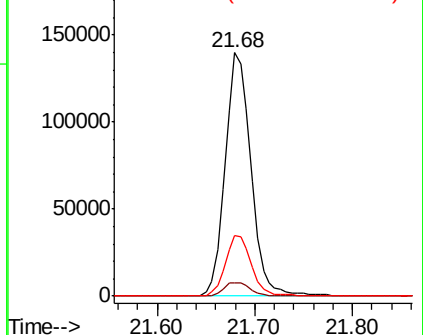
236 24.9 21.0 31.4

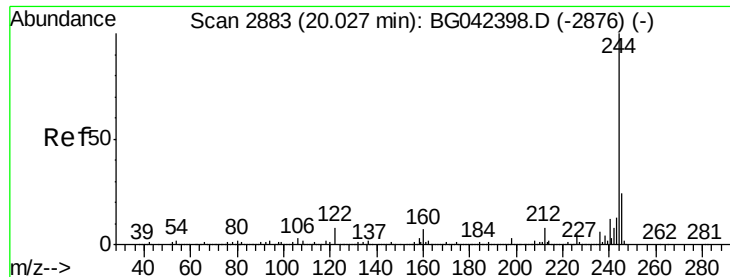


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 100.210 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.00 min

Lab File: BG042630.D

Acq: 31 Aug 2019 12:00

Instrument :

BNA_G

ClientSampleId :

PB122704TB

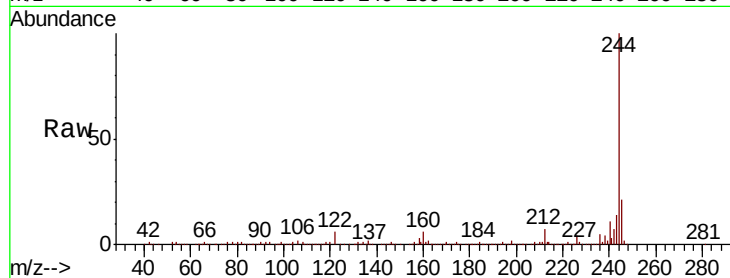
Tot Ion:244 Resp: 1187054

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

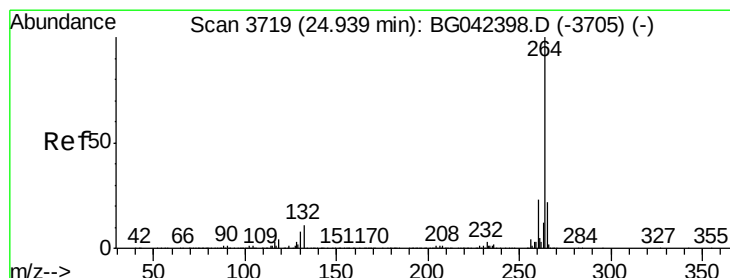
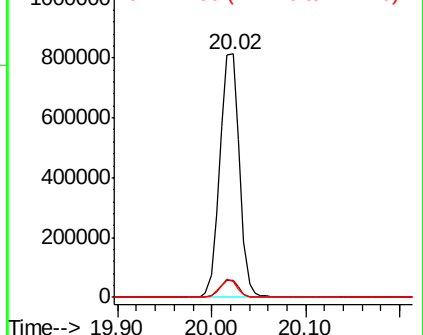
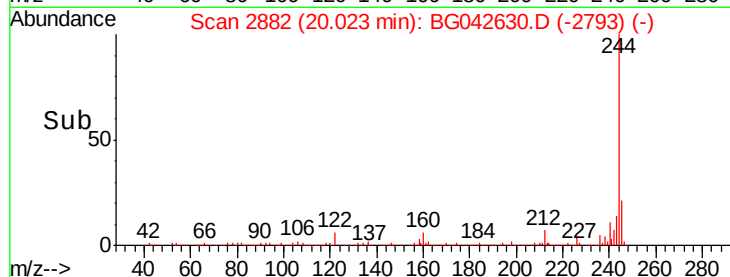
122 6.5 6.7 10.1#



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: 24.92 min Scan# 3715

Delta R.T. -0.02 min

Lab File: BG042630.D

Acq: 31 Aug 2019 12:00

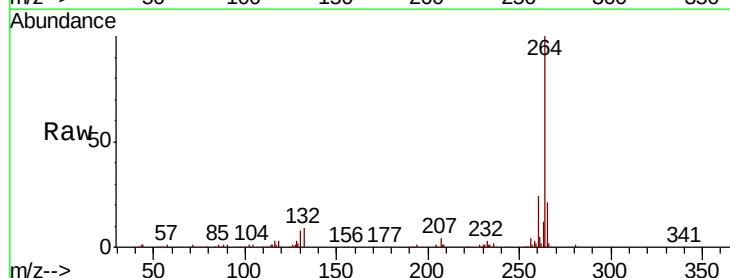
Tgt Ion:264 Resp: 293607

Ion Ratio Lower Upper

264 100

260 24.0 18.5 27.7

265 21.1 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

