

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042268.D
 Acq On : 16 Aug 2019 20:30
 Operator : HP/JU
 Sample : K4272-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 2S-G1-G4-(0-1)

Quant Time: Aug 17 00:32:36 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 08:57:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	54517	20.00	ng	-0.04
21) Naphthalene-d8	10.84	136	205234	20.00	ng	-0.04
39) Acenaphthene-d10	14.67	164	153149	20.00	ng	-0.03
64) Phenanthrene-d10	17.43	188	373402	20.00	ng	-0.02
76) Chrysene-d12	21.71	240	434181	20.00	ng	-0.03
87) Perylene-d12	24.96	264	498543	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	344499	122.95	ng	-0.02
7) Phenol-d6	7.18	99	420494	111.31	ng	-0.02
23) Nitrobenzene-d5	9.18	82	297924	99.90	ng	-0.03
42) 2,4,6-Tribromophenol	16.17	330	320366	184.16	ng	-0.02
45) 2-Fluorobiphenyl	13.29	172	916844	105.59	ng	-0.04
79) Terphenyl-d14	20.04	244	1830010	96.45	ng	-0.02

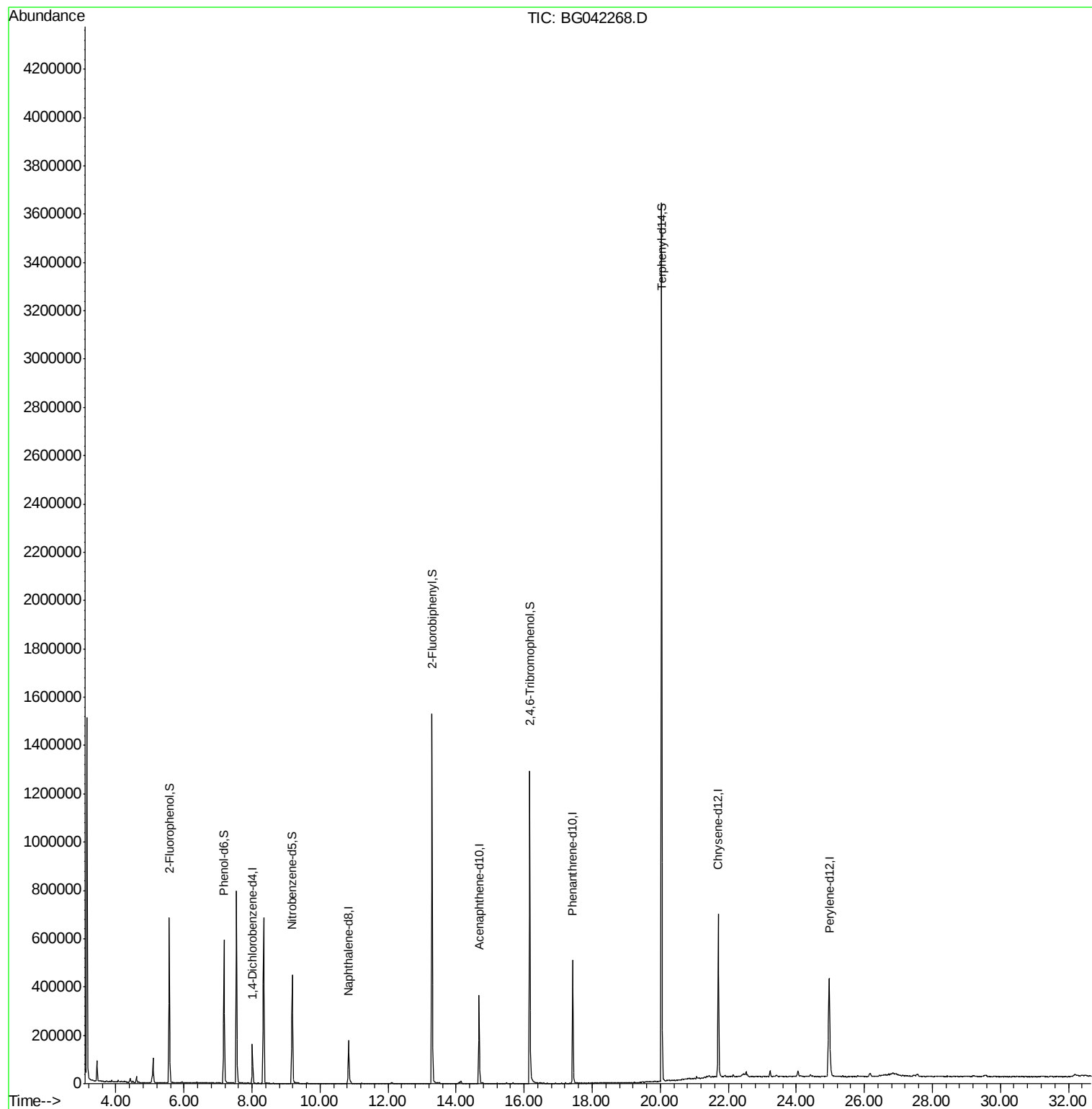
Target Compounds Qvalue

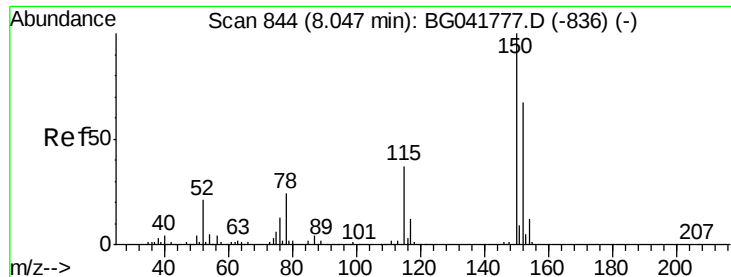
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
Data File : BG042268.D
Acq On : 16 Aug 2019 20:30
Operator : HP/JU
Sample : K4272-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2S-G1-G4-(0-1)

Quant Time: Aug 17 00:32:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 31 08:57:26 2019
Response via : Initial Calibration



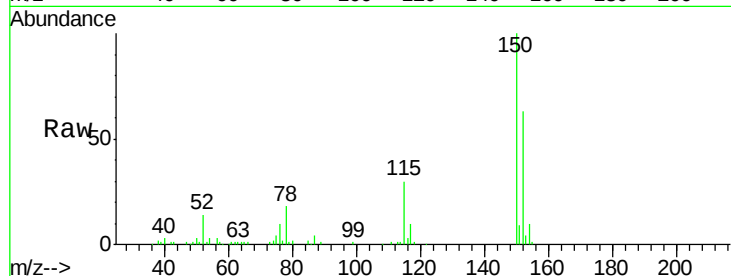


#1

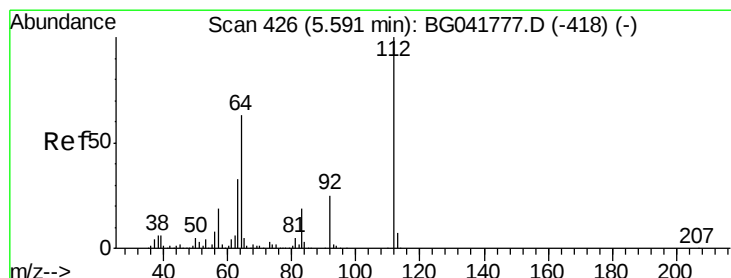
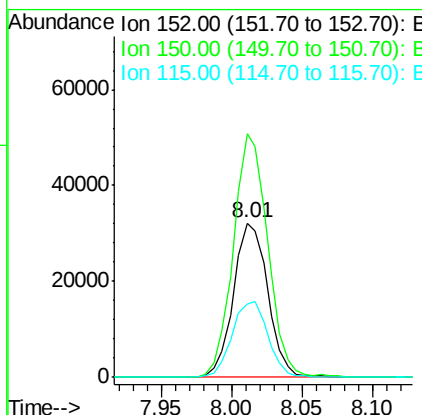
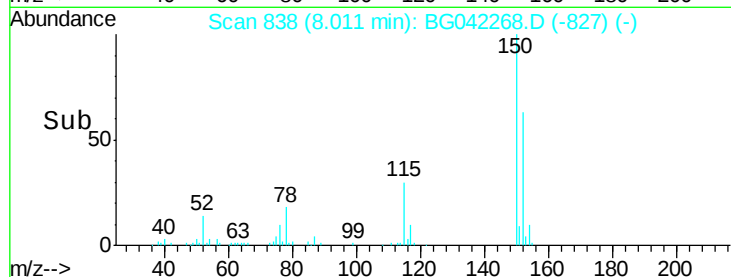
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.04 min
Lab File: BG042268.D
Acq: 16 Aug 2019 20:30

Instrument :
BNA_G
ClientSampleId :
2S-G1-G4-(0-1)

Tot Ion:152 Resp: 54517
Ion Ratio Lower Upper
152 100
150 158.1 126.9 190.3
115 47.8 45.0 67.6



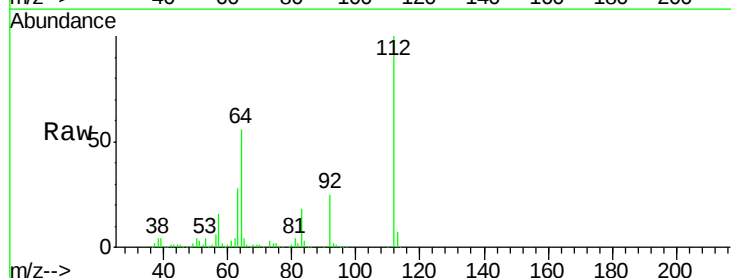
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



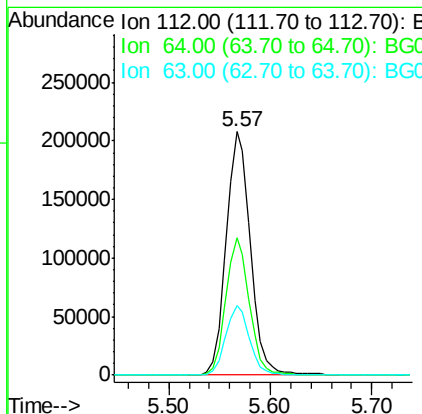
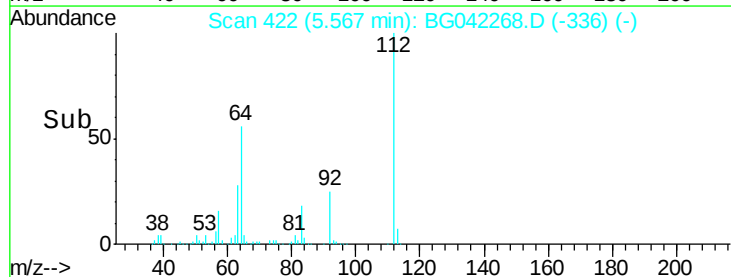
#5

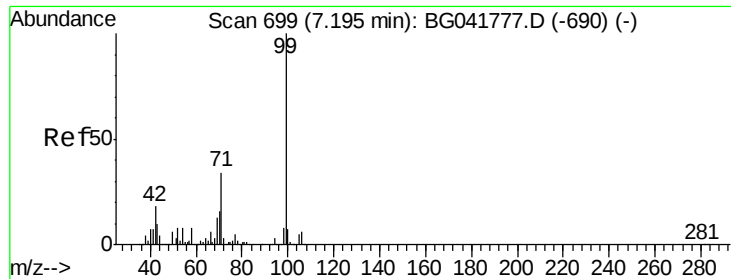
2-Fluorophenol
Concen: 122.946 ng
RT: 5.57 min Scan# 422
Delta R.T. -0.02 min
Lab File: BG042268.D
Acq: 16 Aug 2019 20:30

Tgt Ion:112 Resp: 344499
Ion Ratio Lower Upper
112 100
64 56.2 55.4 83.2
63 28.5 29.1 43.7#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 111.313 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.02 min

Lab File: BG042268.D

Acq: 16 Aug 2019 20:30

Instrument :

BNA_G

ClientSampleId :

2S-G1-G4-(0-1)

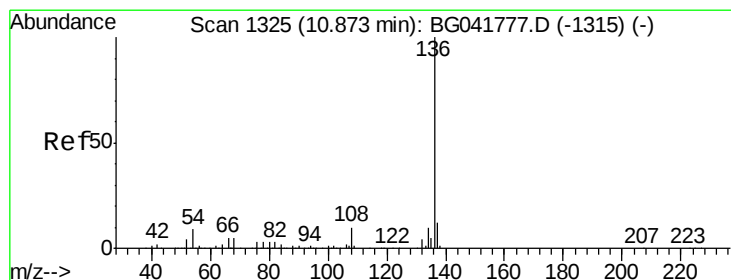
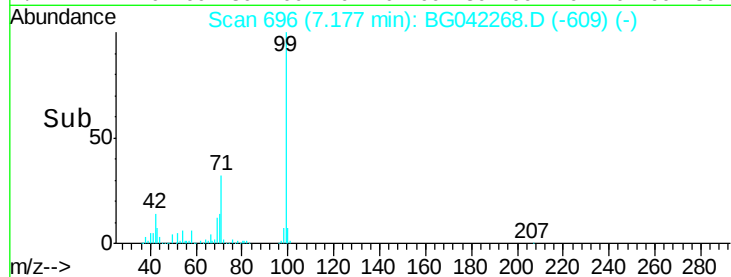
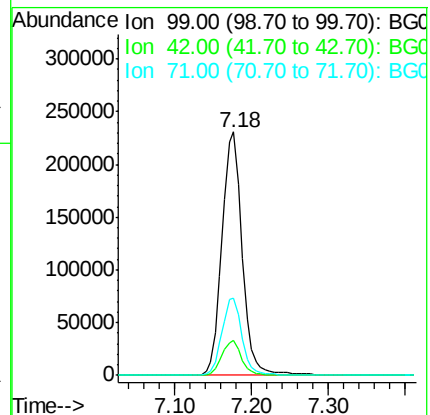
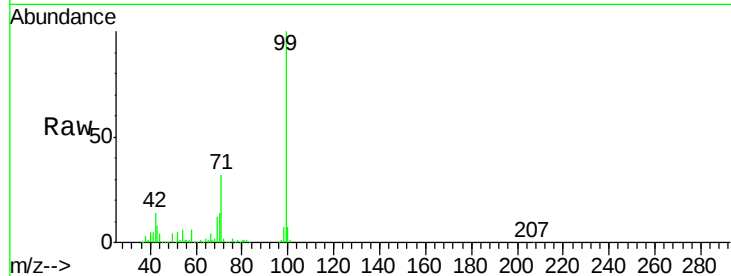
Tot Ion: 99 Resp: 420494

Ion Ratio Lower Upper

99 100

42 14.2 17.6 26.4#

71 31.6 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1319

Delta R.T. -0.04 min

Lab File: BG042268.D

Acq: 16 Aug 2019 20:30

Tgt Ion: 136 Resp: 205234

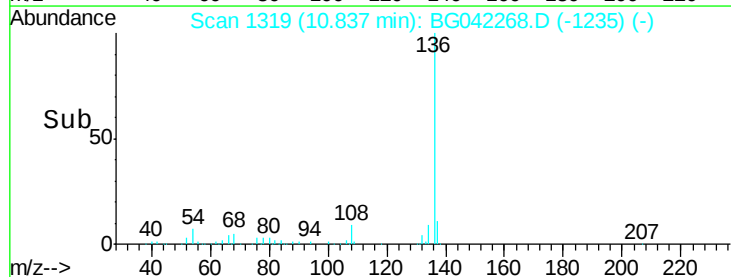
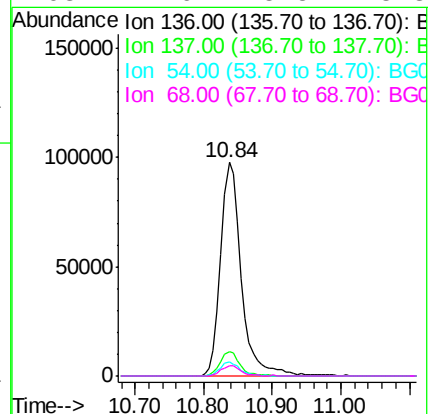
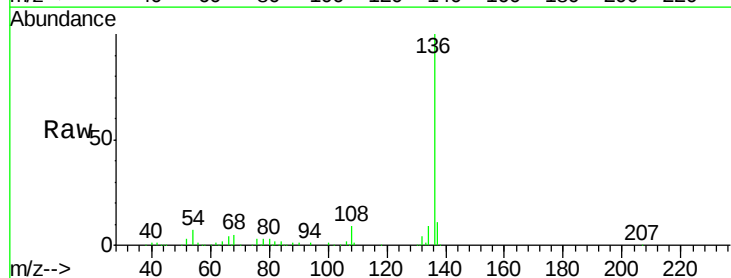
Ion Ratio Lower Upper

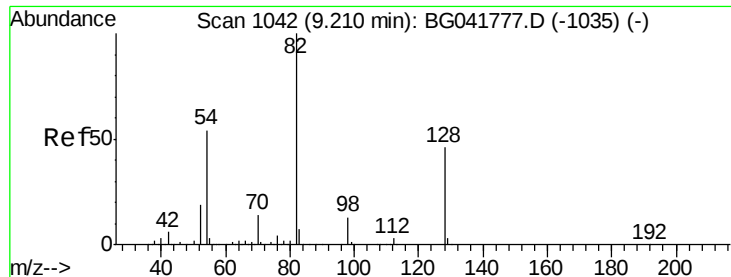
136 100

137 11.2 9.2 13.8

54 6.8 8.7 13.1#

68 4.6 5.5 8.3#

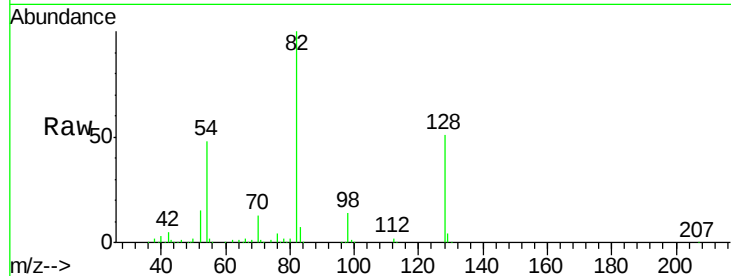




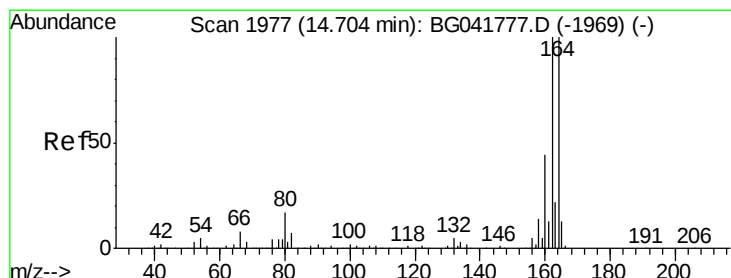
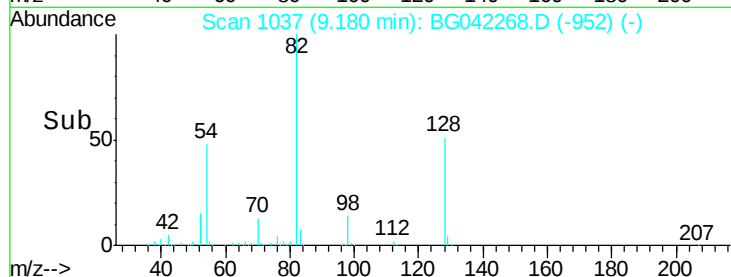
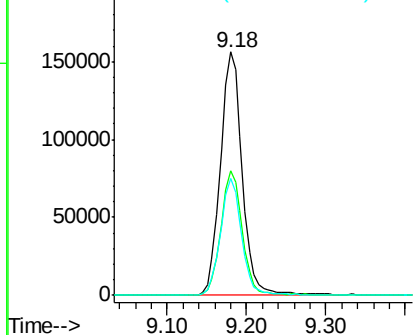
#23
Nitrobenzene-d5
Concen: 99.896 ng
RT: 9.18 min Scan# 1037
Delta R.T. -0.03 min
Lab File: BG042268.D
Acq: 16 Aug 2019 20:30

Instrument :
BNA_G
ClientSampleId :
2S-G1-G4-(0-1)

Tot Ion	82	Resp	297924
Ion Ratio	100	Lower	Upper
128	51.4	35.1	52.7
54	48.0	48.7	73.1#

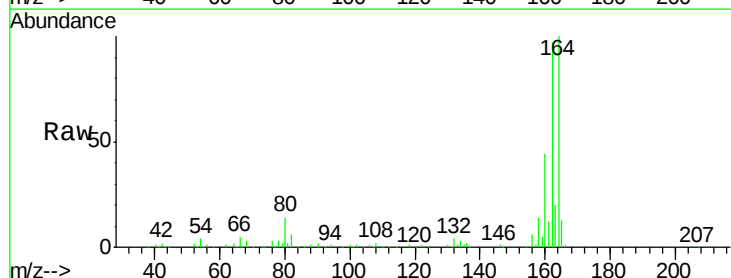


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

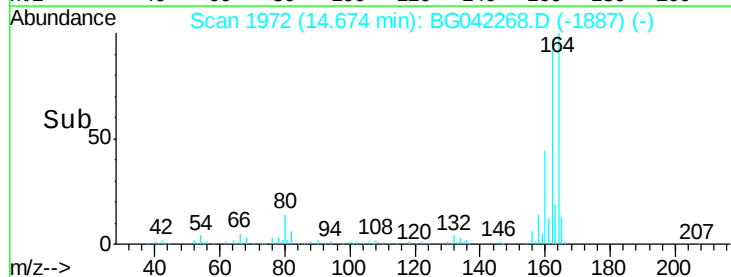
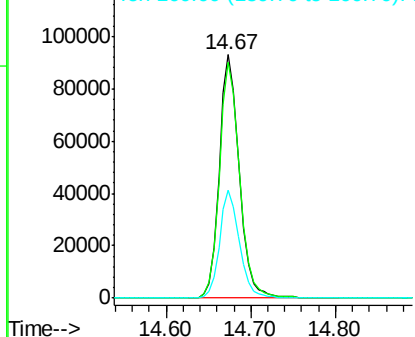


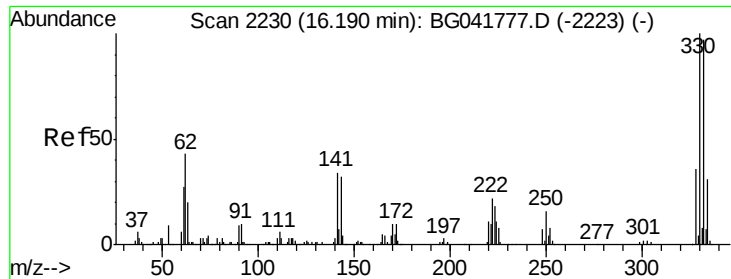
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1972
Delta R.T. -0.03 min
Lab File: BG042268.D
Acq: 16 Aug 2019 20:30

Tgt Ion	164	Resp	153149
Ion Ratio	100	Lower	Upper
162	96.9	79.6	119.4
160	44.4	35.4	53.0



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: 184.165 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.02 min

Lab File: BG042268.D

Acq: 16 Aug 2019 20:30

Instrument :

BNA_G

ClientSampleId :

2S-G1-G4-(0-1)

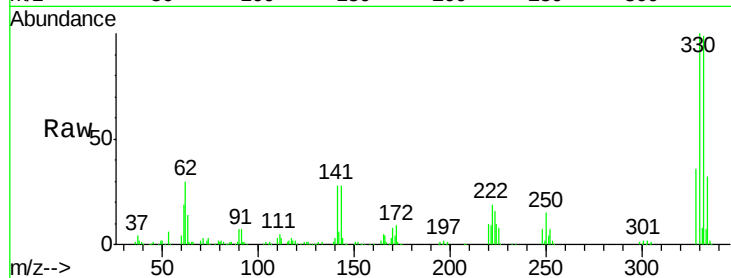
Tot Ion:330 Resp: 320366

Ion Ratio Lower Upper

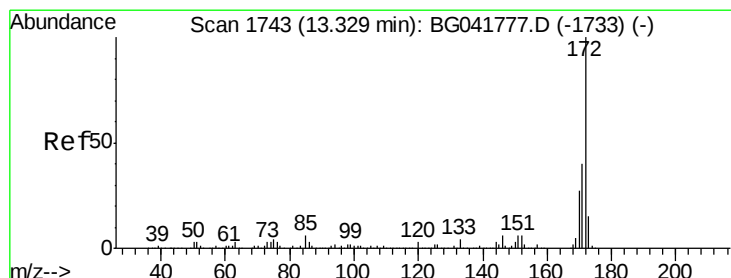
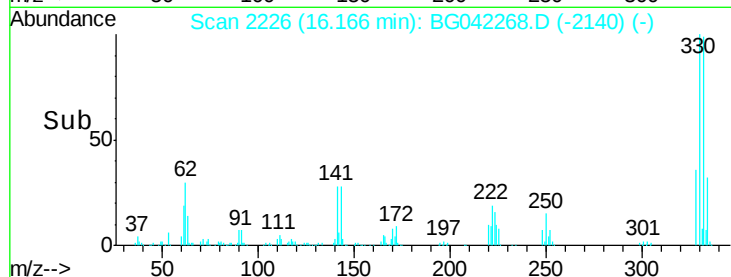
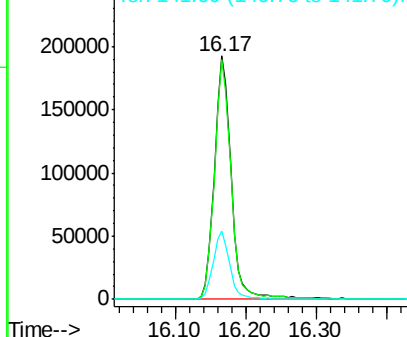
330 100

332 97.5 77.4 116.0

141 27.2 31.9 47.9#



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: 105.587 ng

RT: 13.29 min Scan# 1737

Delta R.T. -0.04 min

Lab File: BG042268.D

Acq: 16 Aug 2019 20:30

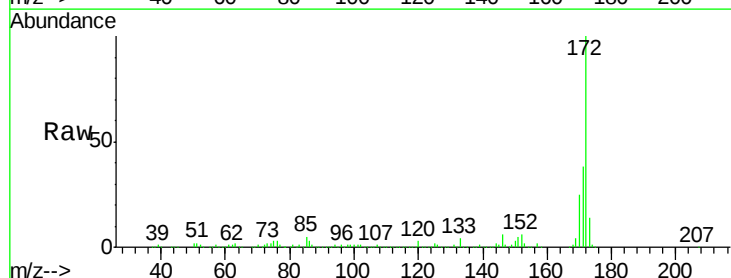
Tgt Ion:172 Resp: 916844

Ion Ratio Lower Upper

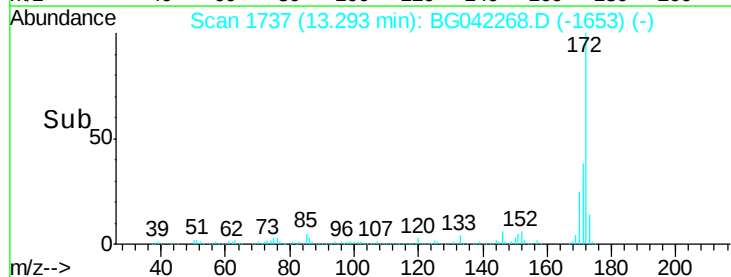
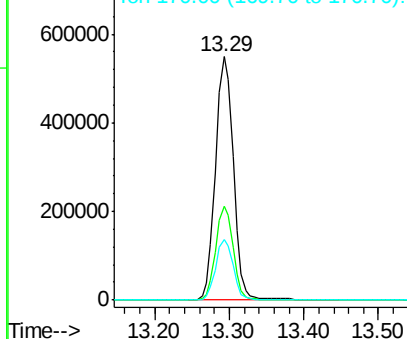
172 100

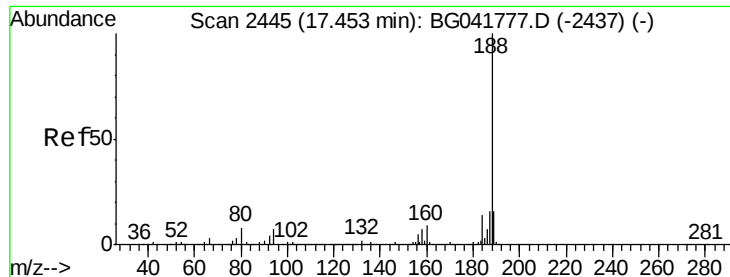
171 38.4 35.0 52.4

170 25.0 23.5 35.3



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

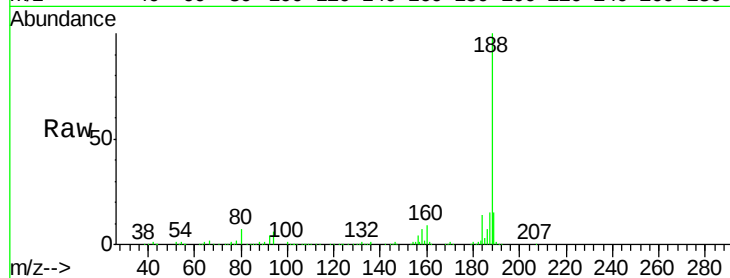




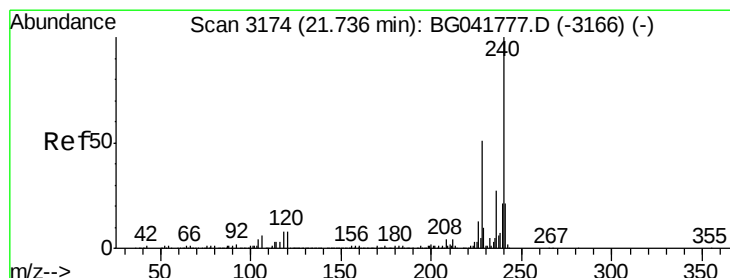
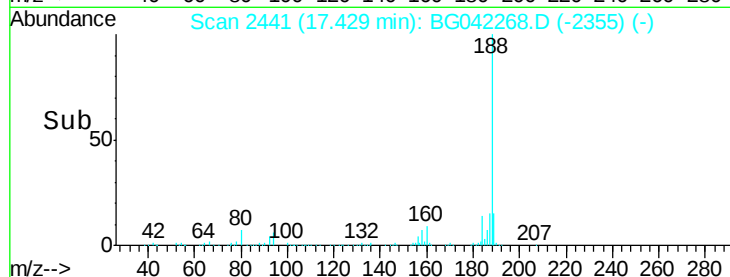
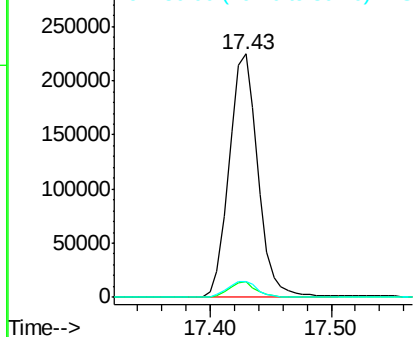
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.02 min
Lab File: BG042268.D
Acq: 16 Aug 2019 20:30

Instrument :
BNA_G
ClientSampleId :
2S-G1-G4-(0-1)

Tot Ion:188 Resp: 373402
Ion Ratio Lower Upper
188 100
94 6.3 6.9 10.3#
80 6.7 8.0 12.0#

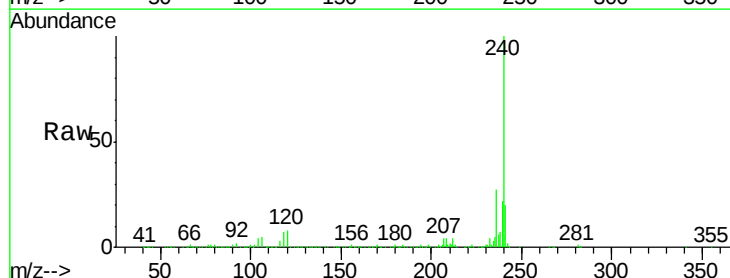


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

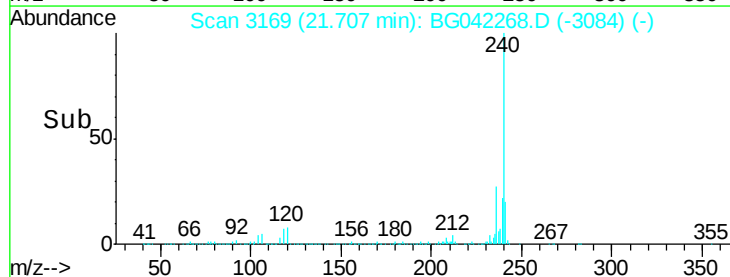
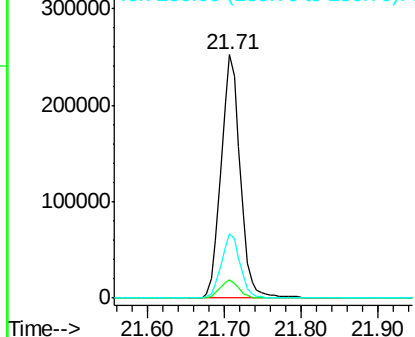


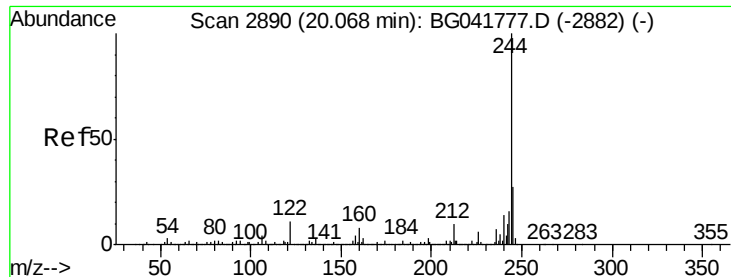
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.03 min
Lab File: BG042268.D
Acq: 16 Aug 2019 20:30

Tgt Ion:240 Resp: 434181
Ion Ratio Lower Upper
240 100
120 7.6 8.0 12.0#
236 26.5 22.6 33.8



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: 96.447 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.02 min

Lab File: BG042268.D

Acq: 16 Aug 2019 20:30

Instrument :

BNA_G

ClientSampleId :

2S-G1-G4-(0-1)

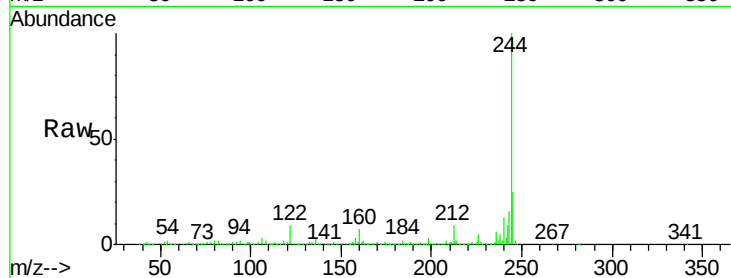
Tot Ion:244 Resp: 1830010

Ion	Ratio	Lower	Upper
244	100		
212	8.7	9.7	14.5#
122	9.2	12.5	18.7#

244 100

212 8.7 9.7 14.5#

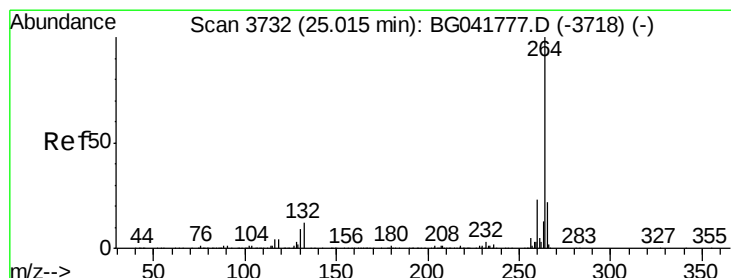
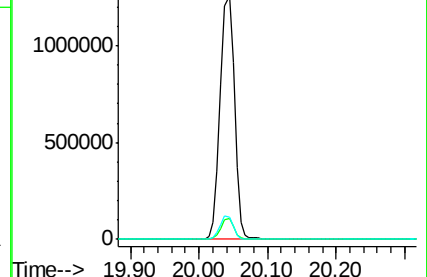
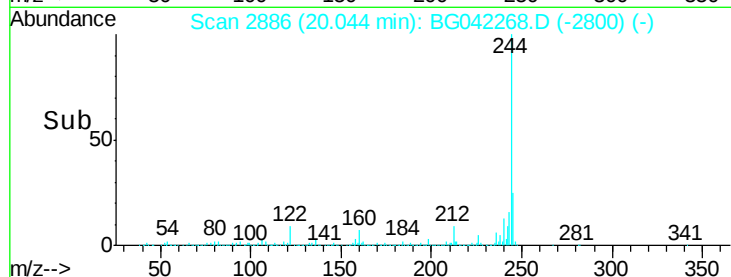
122 9.2 12.5 18.7#



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: 24.96 min Scan# 3723

Delta R.T. -0.05 min

Lab File: BG042268.D

Acq: 16 Aug 2019 20:30

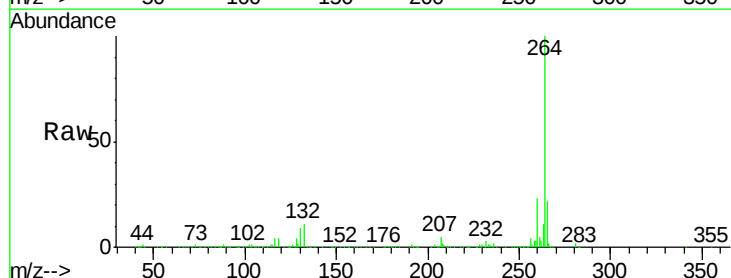
Tgt Ion:264 Resp: 498543

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	21.9	18.0	27.0

264 100

260 23.4 19.5 29.3

265 21.9 18.0 27.0



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

