

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062219\
 Data File : BG041407.D
 Acq On : 22 Jun 2019 17:36
 Operator : HP/JU
 Sample : K3455-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 2

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-GIS

Quant Time: Jun 25 11:48:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50802	40.00	ng	-0.03
21) Naphthalene-d8	10.87	136	182646	40.00	ng	-0.03
39) Acenaphthene-d10	14.69	164	128429	40.00	ng	-0.03
64) Phenanthrene-d10	17.44	188	352770	40.00	ng	-0.03
76) Chrysene-d12	21.71	240	418096	40.00	ng	-0.03
87) Perylene-d12	24.99	264	446184	40.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	164163	118.75	ng	-0.03
7) Phenol-d6	7.21	99	202757	101.18	ng	-0.03
23) Nitrobenzene-d5	9.23	82	188411	86.77	ng	-0.03
42) 2,4,6-Tribromophenol	16.18	330	138517	140.51	ng	-0.03
45) 2-Fluorobiphenyl	13.31	172	430633	91.15	ng	-0.03
79) Terphenyl-d14	20.03	244	957672	90.79	ng	-0.03

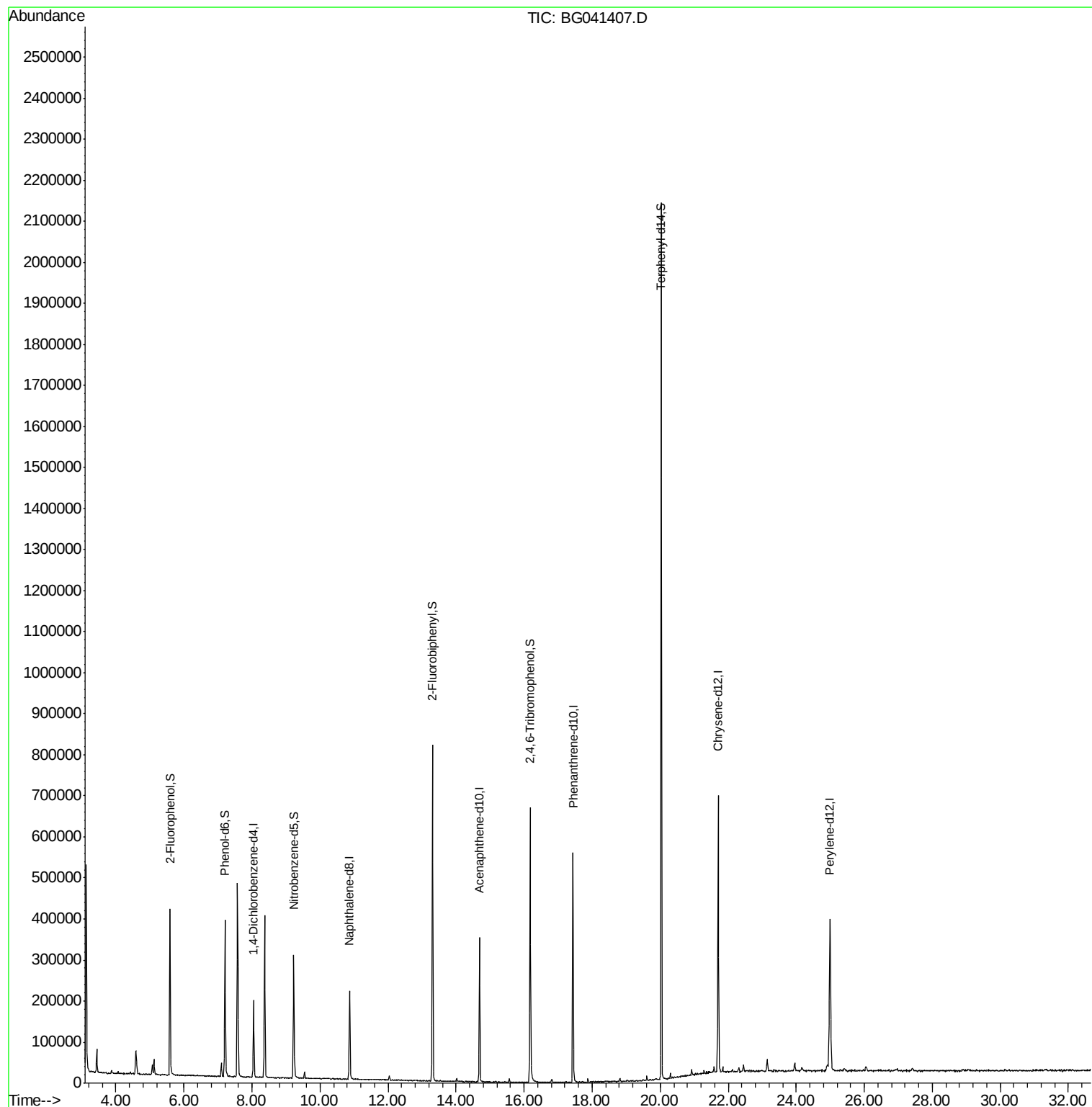
Target Compounds Qvalue

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

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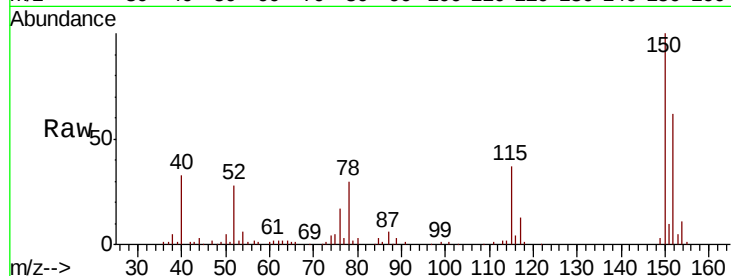




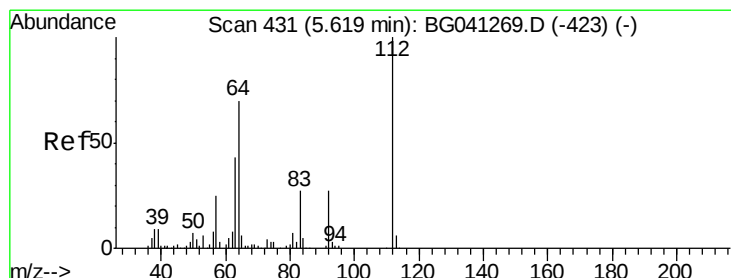
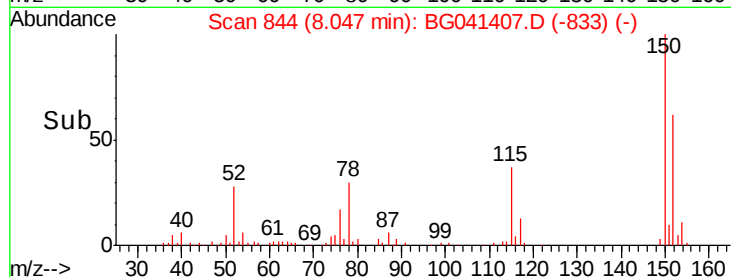
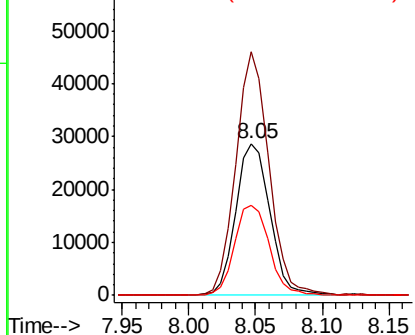
#1
 1,4-Dichlorobenzene-d4
 Concen: 40.000 ng
 RT: 8.05 min Scan# 844
 Delta R.T. -0.03 min
 Lab File: BG041407.D
 Acq: 22 Jun 2019 17:36

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-GIS

Tot Ion:152 Resp: 50802
 Ion Ratio Lower Upper
 152 100
 150 160.5 120.6 181.0
 115 59.8 47.9 71.9

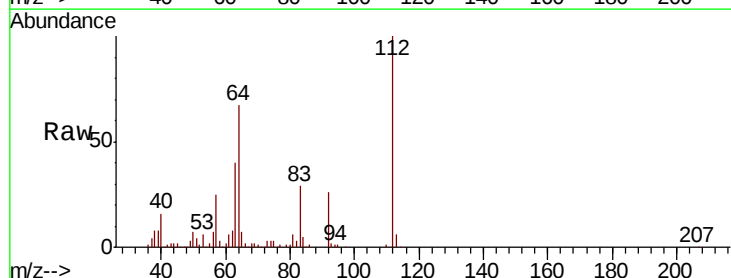


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

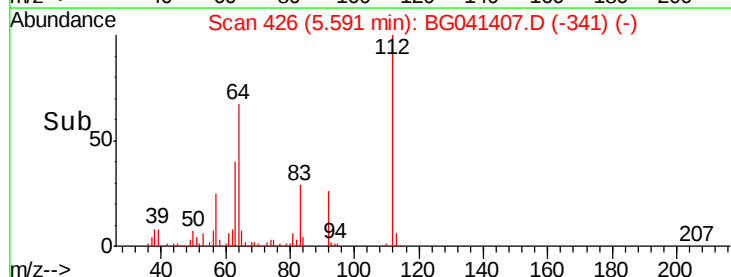
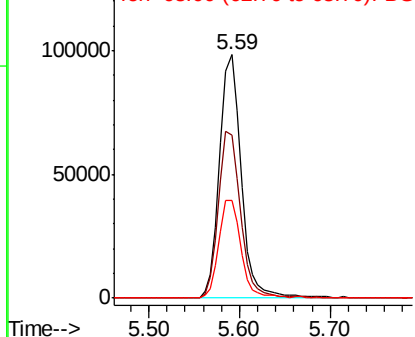


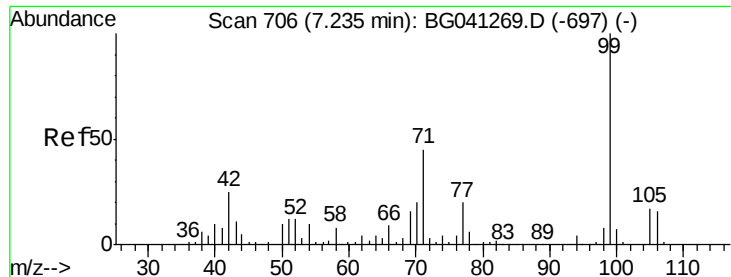
#5
 2-Fluorophenol
 Concen: 118.749 ng
 RT: 5.59 min Scan# 426
 Delta R.T. -0.03 min
 Lab File: BG041407.D
 Acq: 22 Jun 2019 17:36

Tgt Ion:112 Resp: 164163
 Ion Ratio Lower Upper
 112 100
 64 66.8 55.9 83.9
 63 40.4 34.6 51.8



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: 101.184 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.03 min

Lab File: BG041407.D

Acq: 22 Jun 2019 17:36

Instrument :

BNA_G

ClientSampleId :

TP-4-GIS

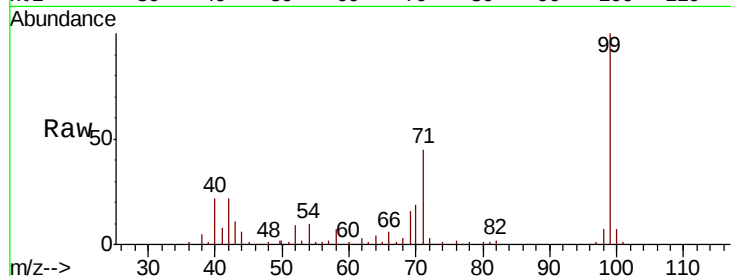
Tot Ion: 99 Resp: 202757

Ion Ratio Lower Upper

99 100

42 22.4 19.9 29.9

71 44.9 36.4 54.6

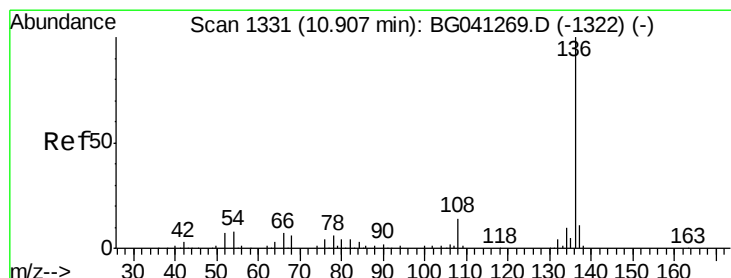
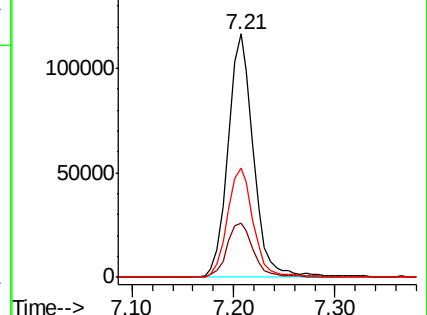
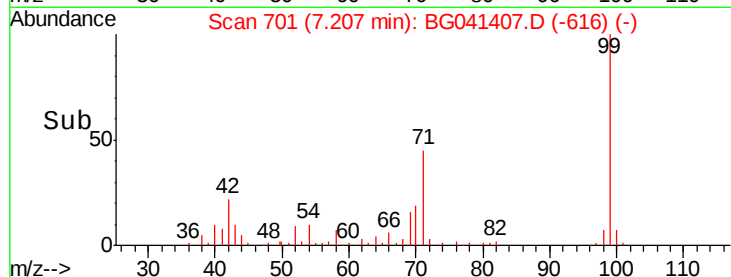


Abundance

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: 40.000 ng

RT: 10.87 min Scan# 1325

Delta R.T. -0.03 min

Lab File: BG041407.D

Acq: 22 Jun 2019 17:36

Tgt Ion: 136 Resp: 182646

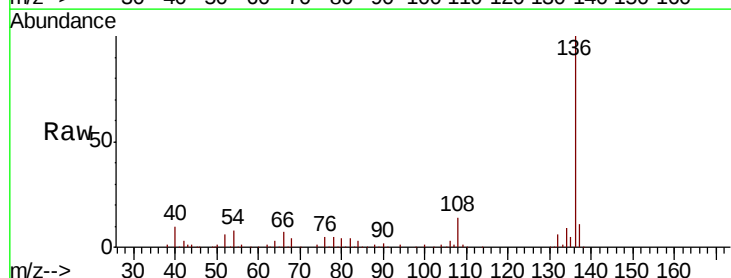
Ion Ratio Lower Upper

136 100

137 10.8 8.8 13.2

54 8.2 6.4 9.6

68 4.3 4.8 7.2#



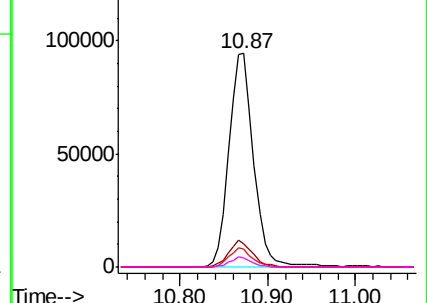
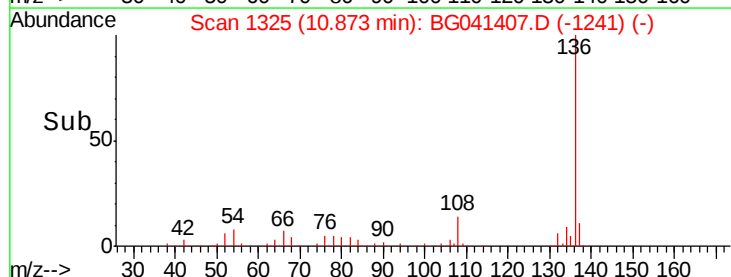
Abundance

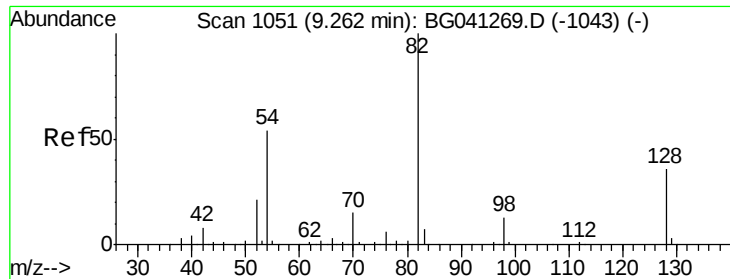
Ion 136.00 (135.70 to 136.70): BGC

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

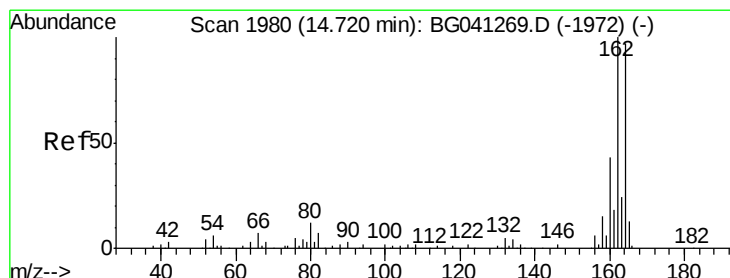
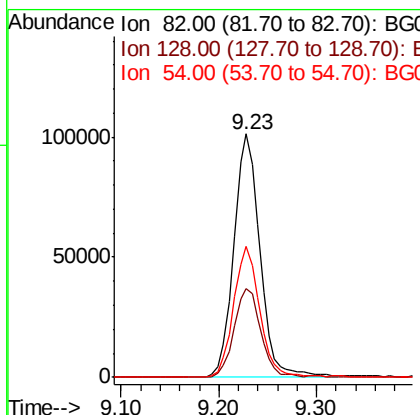
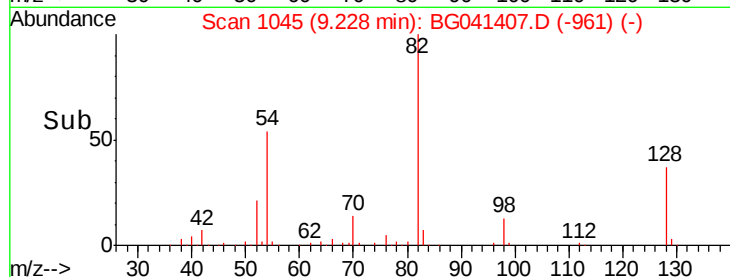
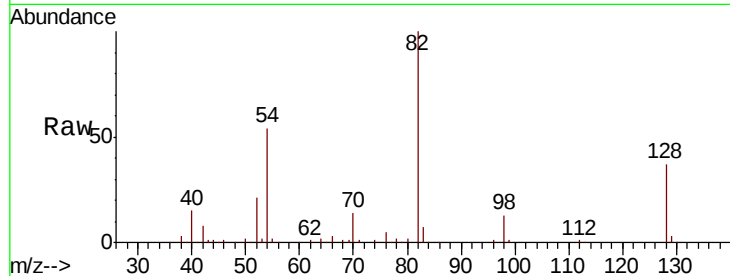




#23
Nitrobenzene-d5
Concen: 86.767 ng
RT: 9.23 min Scan# 1045
Delta R.T. -0.03 min
Lab File: BG041407.D
Acq: 22 Jun 2019 17:36

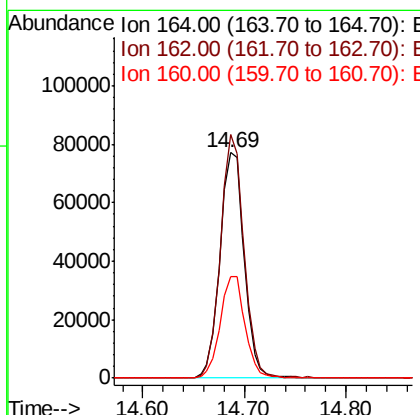
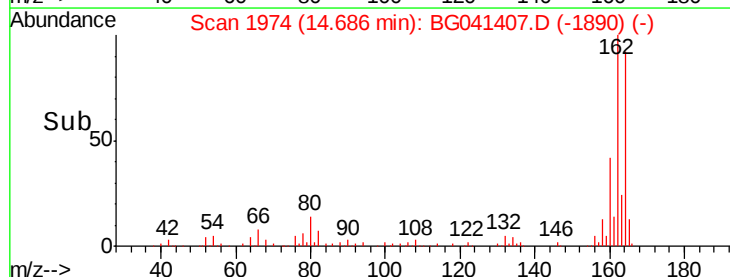
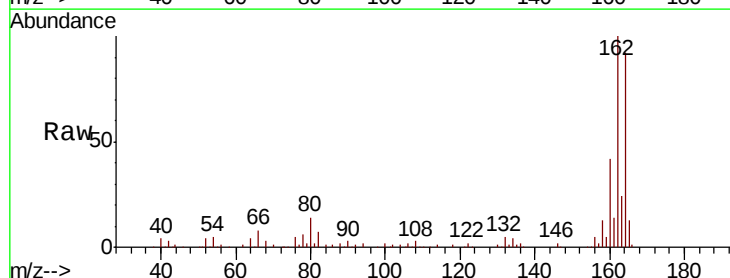
Instrument :
BNA_G
ClientSampleId :
TP-4-GIS

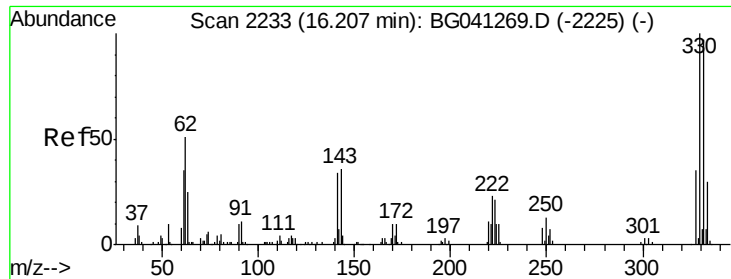
Tot Ion: 82 Resp: 188411
Ion Ratio Lower Upper
82 100
128 36.7 29.2 43.8
54 53.6 43.4 65.0



#39
Acenaphthene-d10
Concen: 40.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.03 min
Lab File: BG041407.D
Acq: 22 Jun 2019 17:36

Tgt Ion:164 Resp: 128429
Ion Ratio Lower Upper
164 100
162 108.2 82.8 124.2
160 45.0 35.8 53.8

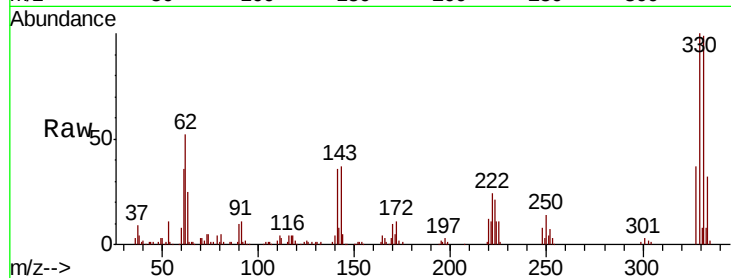




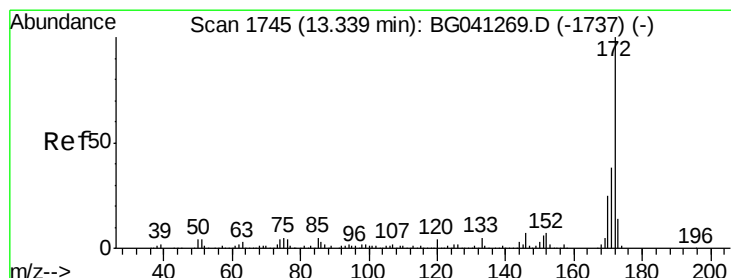
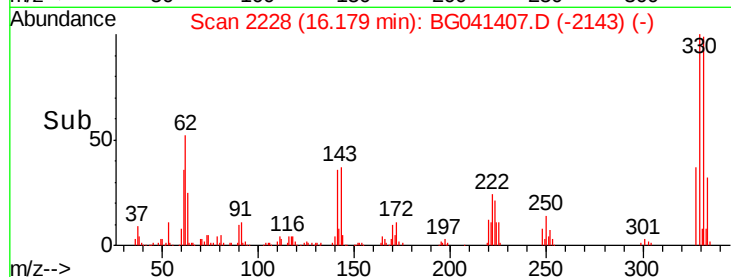
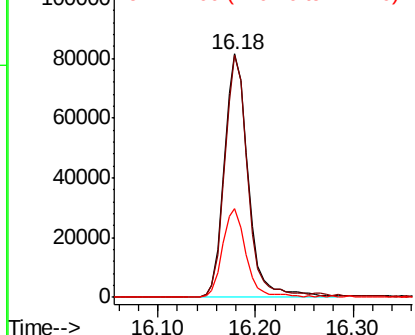
#42
 2,4,6-Tribromophenol
 Concen: 140.507 ng
 RT: 16.18 min Scan# 2228
 Delta R.T. -0.03 min
 Lab File: BG041407.D
 Acq: 22 Jun 2019 17:36

Instrument :
 BNA_G
 ClientSampleId :
 TP-4-GIS

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	75.5	113.3
141	35.8	29.0	43.4

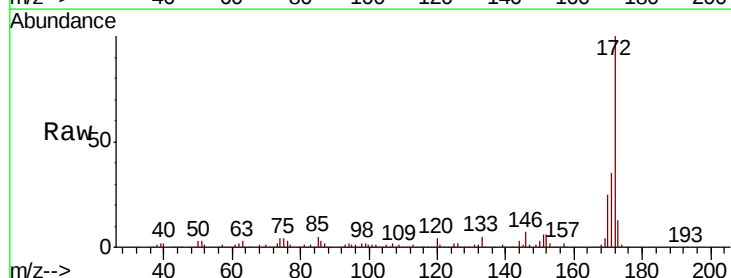


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

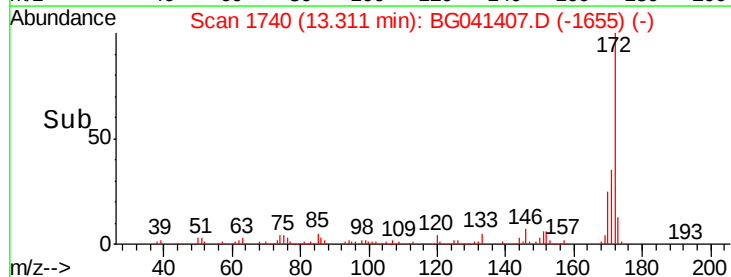
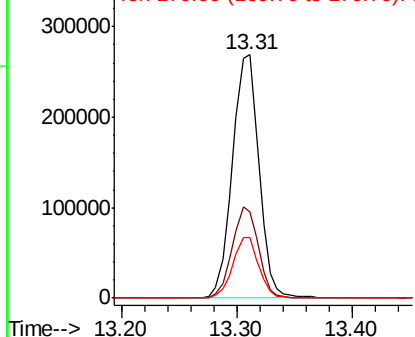


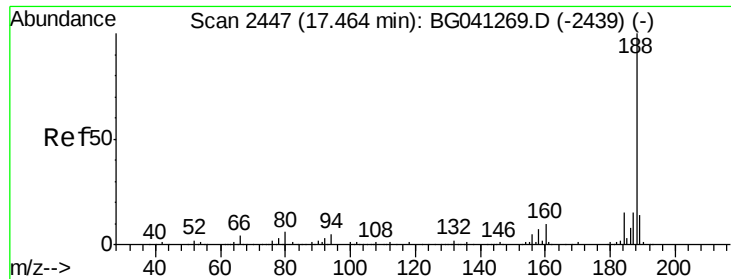
#45
 2-Fluorobiphenyl
 Concen: 91.147 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.03 min
 Lab File: BG041407.D
 Acq: 22 Jun 2019 17:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.5	30.0	45.0
170	24.9	19.8	29.6



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: 40.000 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.03 min

Lab File: BG041407.D

Acq: 22 Jun 2019 17:36

Instrument :

BNA_G

ClientSampleId :

TP-4-GIS

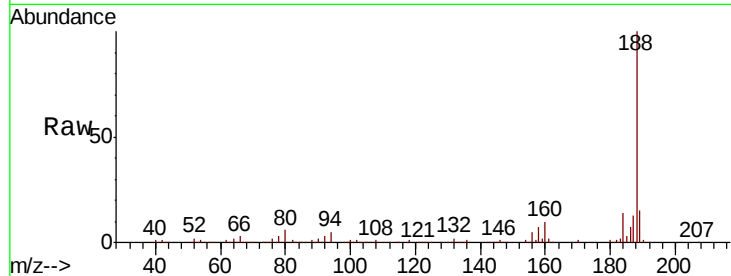
Tot Ion:188 Resp: 352770

Ion Ratio Lower Upper

188 100

94 5.2 3.6 5.4

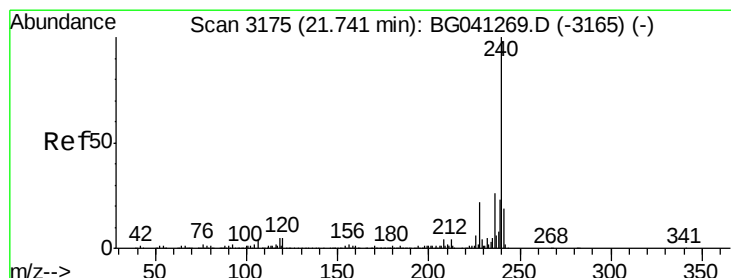
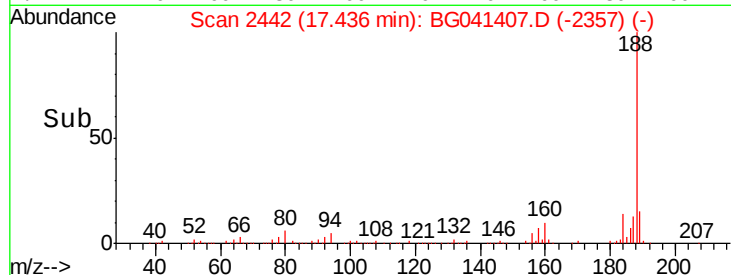
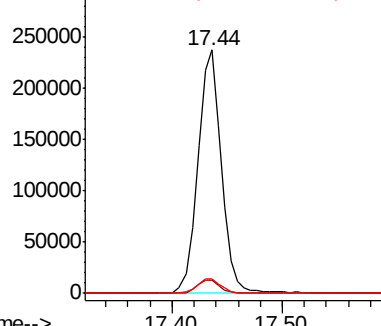
80 5.7 4.8 7.2



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: 40.000 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.03 min

Lab File: BG041407.D

Acq: 22 Jun 2019 17:36

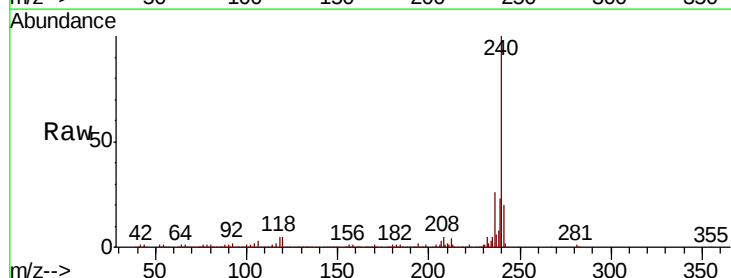
Tgt Ion:240 Resp: 418096

Ion Ratio Lower Upper

240 100

120 4.6 3.7 5.5

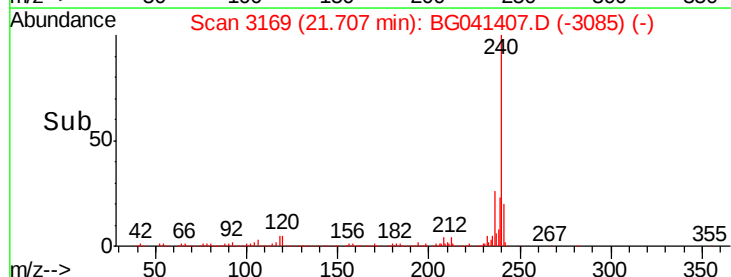
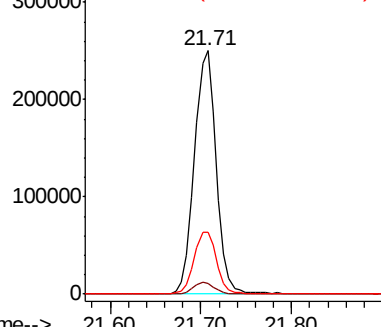
236 25.6 21.1 31.7

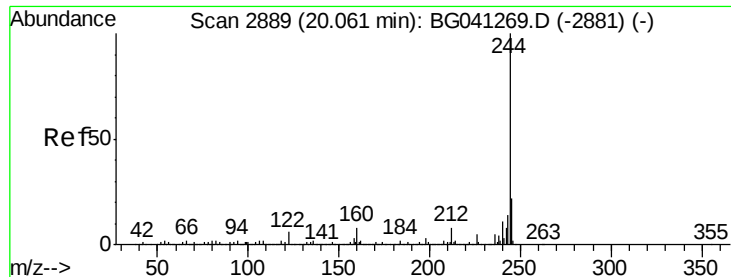


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 90.788 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.03 min

Lab File: BG041407.D

Acq: 22 Jun 2019 17:36

Instrument :

BNA_G

ClientSampleId :

TP-4-GIS

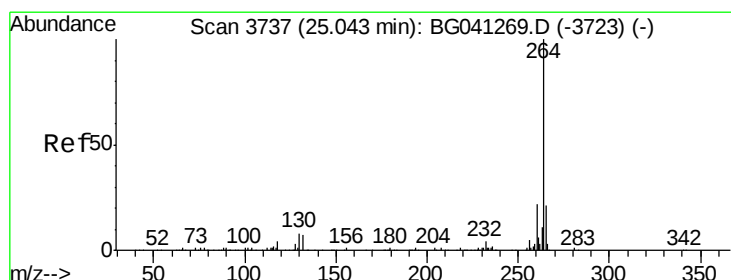
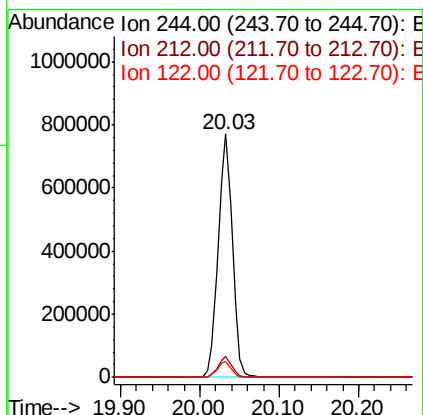
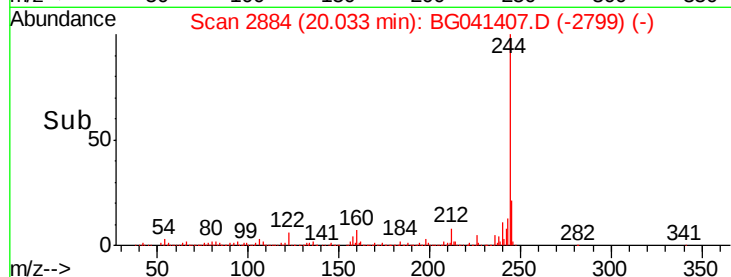
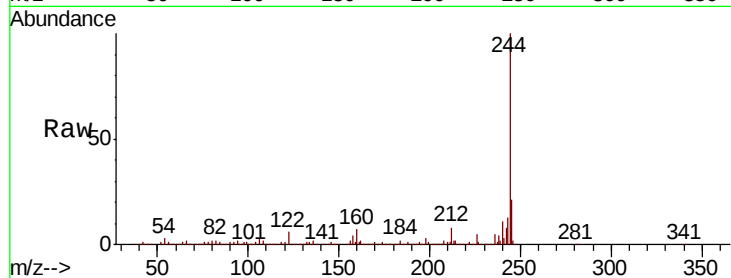
Tot Ion:244 Resp: 957672

Ion Ratio Lower Upper

244 100

212 8.4 6.6 10.0

122 6.5 5.0 7.4



#87

Perylene-d12

Concen: 40.000 ng

RT: 24.99 min Scan# 3728

Delta R.T. -0.05 min

Lab File: BG041407.D

Acq: 22 Jun 2019 17:36

Tgt Ion:264 Resp: 446184

Ion Ratio Lower Upper

264 100

260 23.2 17.4 26.2

265 21.1 17.2 25.8

