

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
 Data File : BG039136.D
 Acq On : 15 Jan 2019 17:55
 Operator : JU/SJ
 Sample : K1126-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-3451

Quant Time: Jan 16 01:15:16 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 09 14:23:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	9777	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	64100	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	55980	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	175464	20.00	ng	0.00
76) Chrysene-d12	21.69	240	178903	20.00	ng	-0.01
87) Perylene-d12	24.97	264	169304	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	86190	167.23	ng	0.00
7) Phenol-d6	7.18	99	124913	168.41	ng	0.00
23) Nitrobenzene-d5	9.20	82	98486	84.07	ng	-0.01
42) 2,4,6-Tribromophenol	16.16	330	139747	148.92	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	288386	70.50	ng	0.00
79) Terphenyl-d14	20.02	244	1096135	113.34	ng	0.00

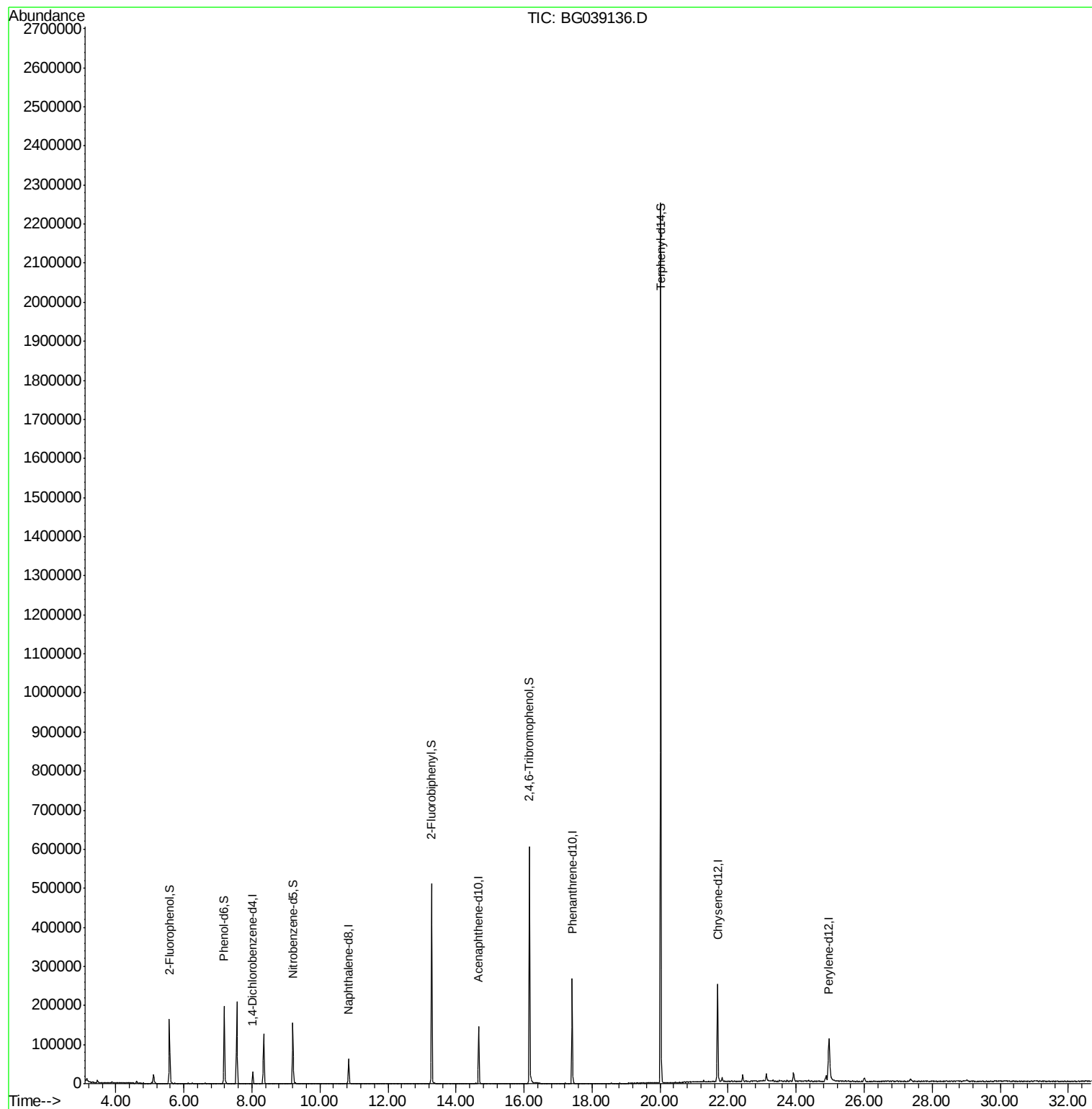
Target Compounds Qvalue

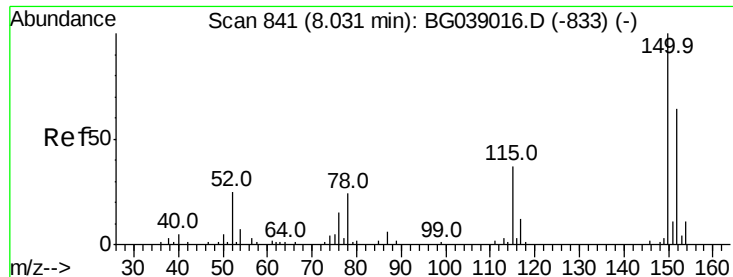
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011519\
Data File : BG039136.D
Acq On : 15 Jan 2019 17:55
Operator : JU/SJ
Sample : K1126-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RT-3451

Quant Time: Jan 16 01:15:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration



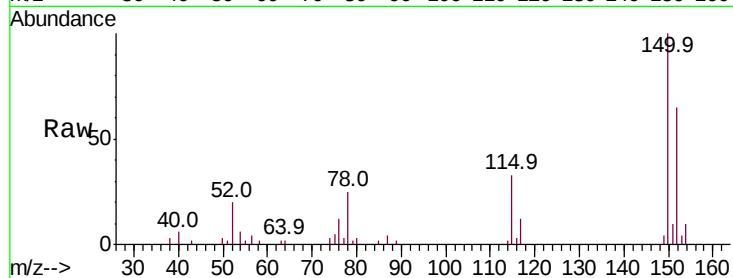


#1

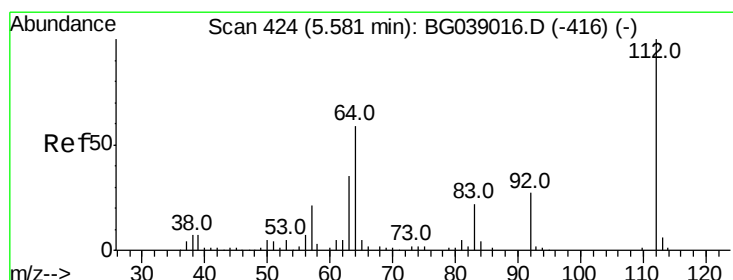
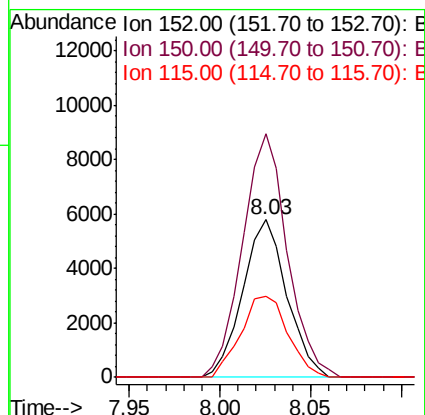
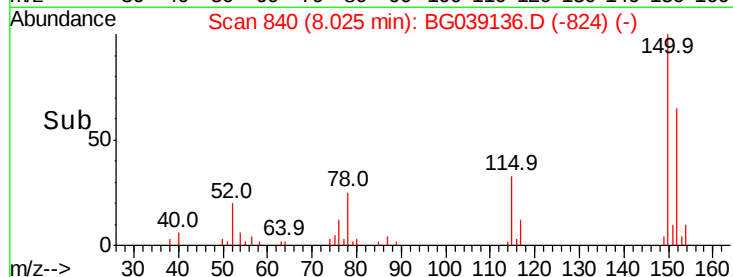
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 840
Delta R.T. -0.01 min
Lab File: BG039136.D
Acq: 15 Jan 2019 17:55

Instrument :
BNA_G
ClientSampleId :
RT-3451

Tot Ion:152 Resp: 9777
Ion Ratio Lower Upper
152 100
150 154.8 124.7 187.1
115 51.2 46.5 69.7



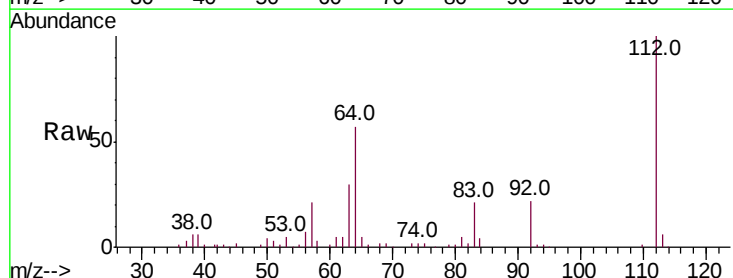
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



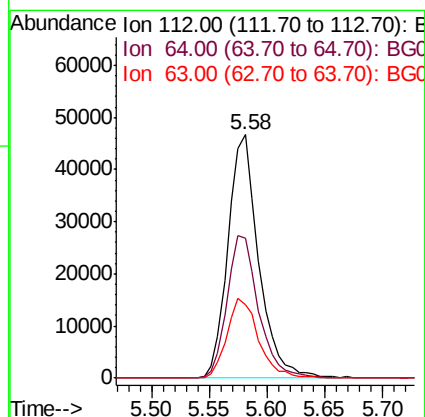
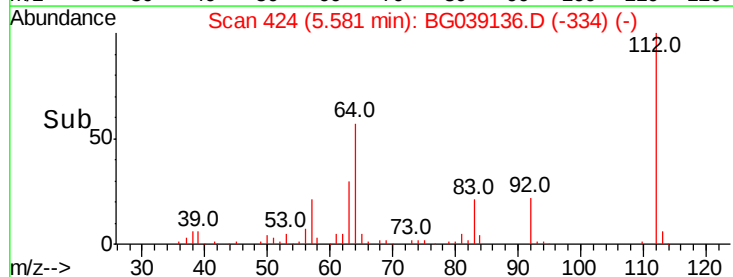
#5

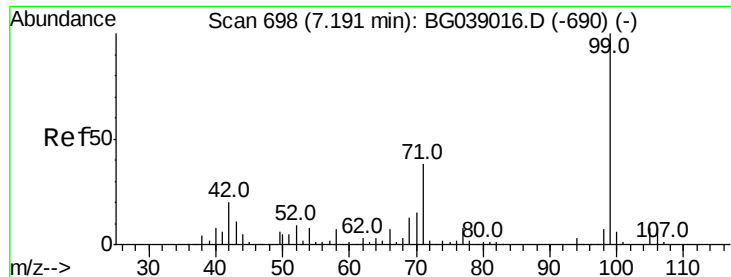
2-Fluorophenol
Concen: 167.230 ng
RT: 5.58 min Scan# 424
Delta R.T. -0.00 min
Lab File: BG039136.D
Acq: 15 Jan 2019 17:55

Tgt Ion:112 Resp: 86190
Ion Ratio Lower Upper
112 100
64 57.4 47.0 70.6
63 30.3 28.0 42.0



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: 168.409 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG039136.D

Acq: 15 Jan 2019 17:55

Instrument :

BNA_G

ClientSampleId :

RT-3451

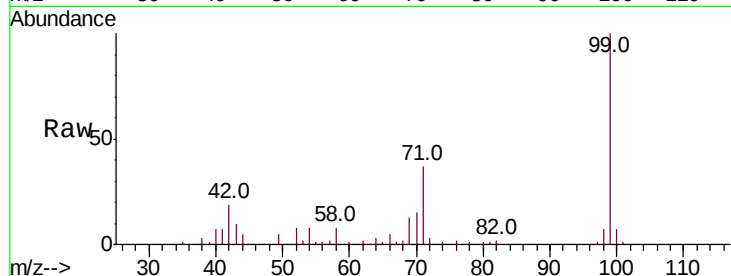
Tot Ion: 99 Resp: 124913

Ion Ratio Lower Upper

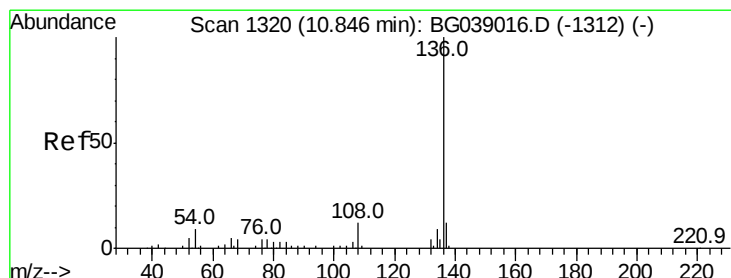
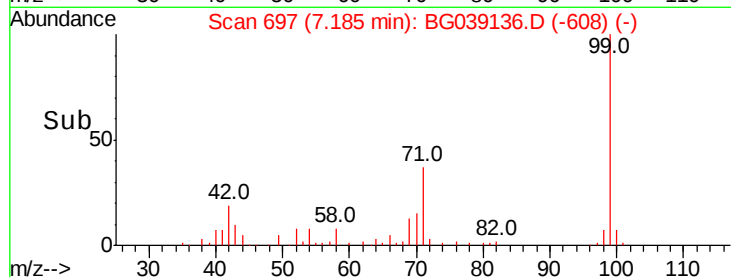
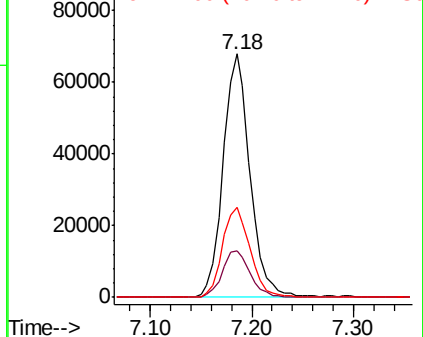
99 100

42 19.0 15.8 23.6

71 37.2 30.2 45.4



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: 10.85 min Scan# 1320

Delta R.T. -0.00 min

Lab File: BG039136.D

Acq: 15 Jan 2019 17:55

Tgt Ion: 136 Resp: 64100

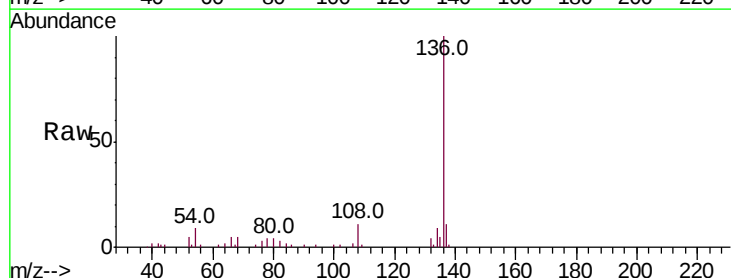
Ion Ratio Lower Upper

136 100

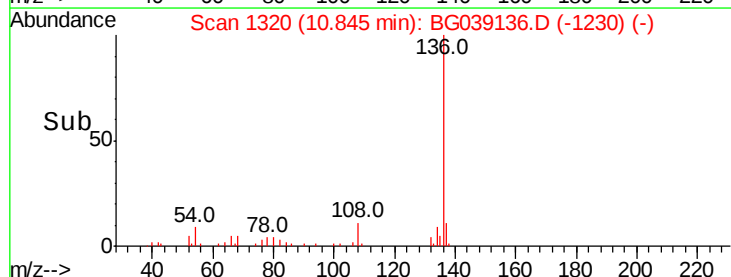
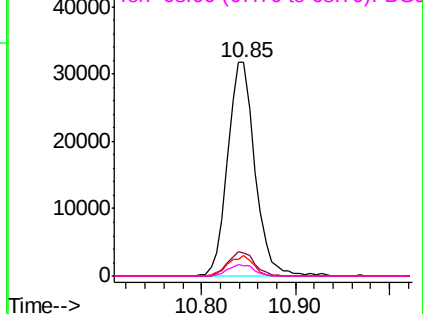
137 10.5 9.4 14.2

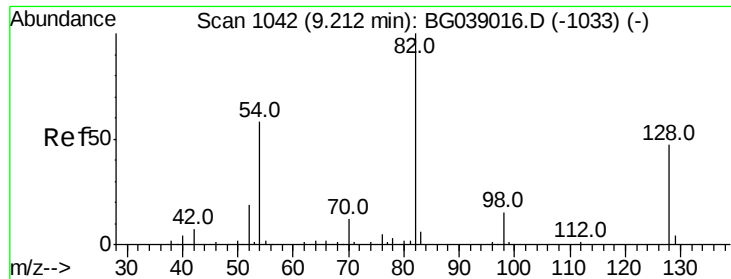
54 9.5 7.2 10.8

68 5.1 3.5 5.3



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: 84.073 ng

RT: 9.20 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BG039136.D

Acq: 15 Jan 2019 17:55

Instrument :

BNA_G

ClientSampleId :

RT-3451

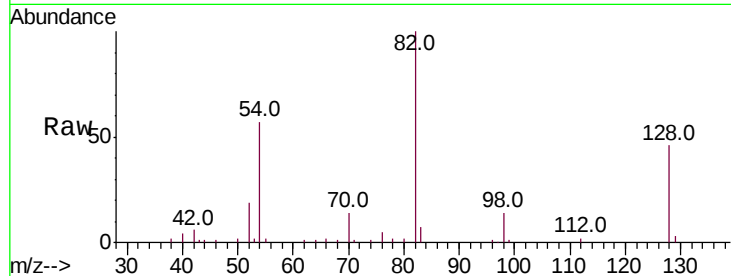
Tot Ion: 82 Resp: 98486

Ion Ratio Lower Upper

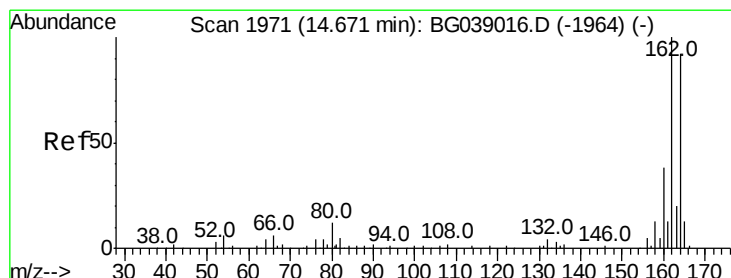
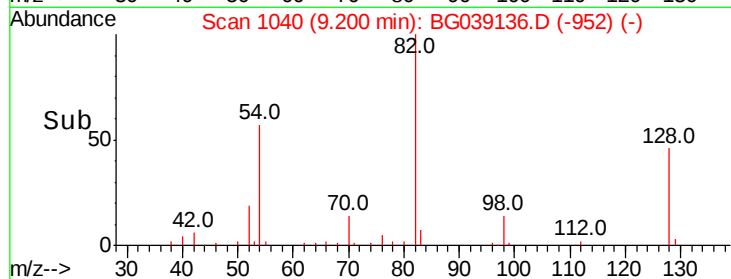
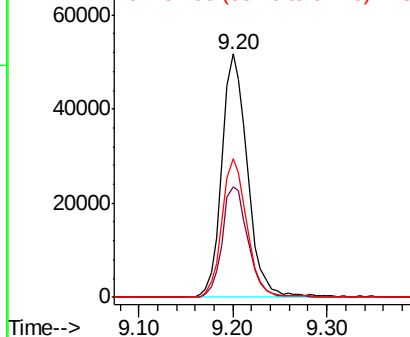
82 100

128 45.6 37.3 55.9

54 57.0 46.4 69.6



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. -0.01 min

Lab File: BG039136.D

Acq: 15 Jan 2019 17:55

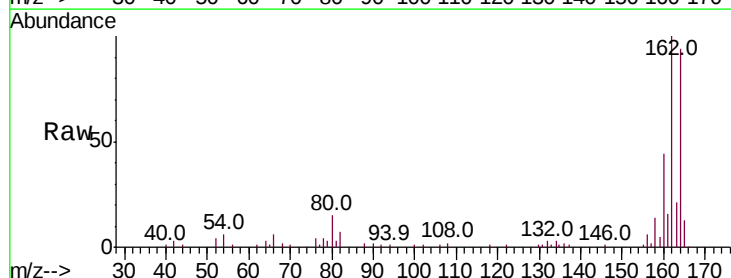
Tgt Ion: 164 Resp: 55980

Ion Ratio Lower Upper

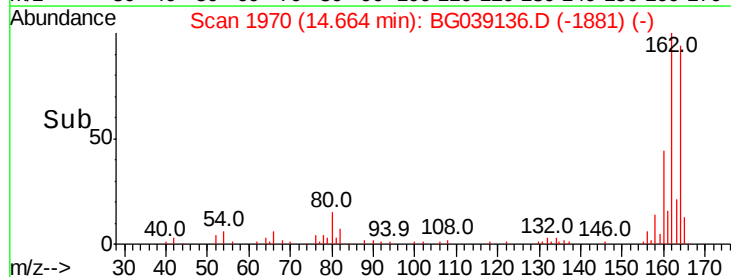
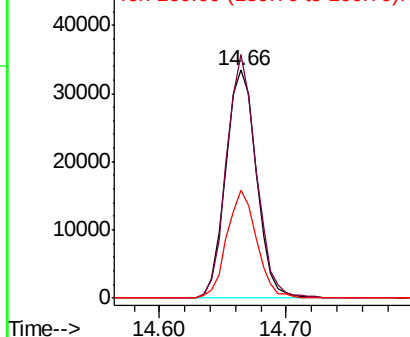
164 100

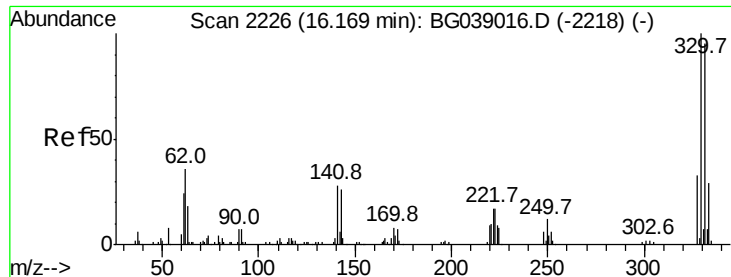
162 106.8 87.2 130.8

160 47.4 33.3 49.9



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

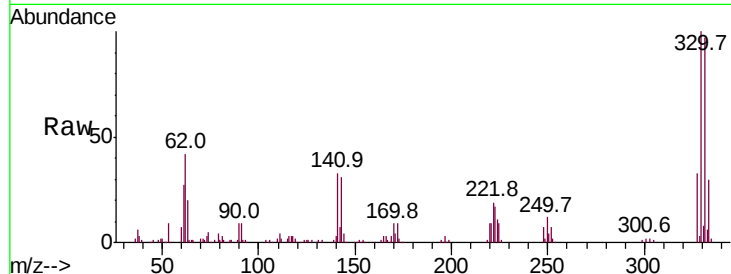




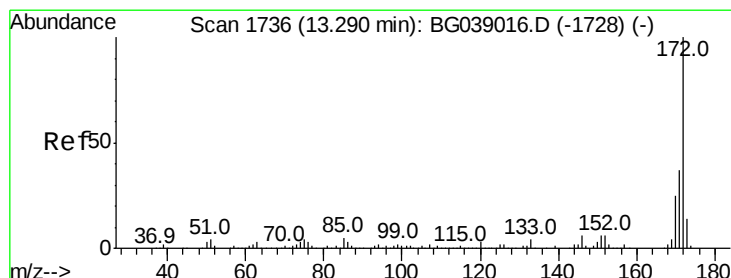
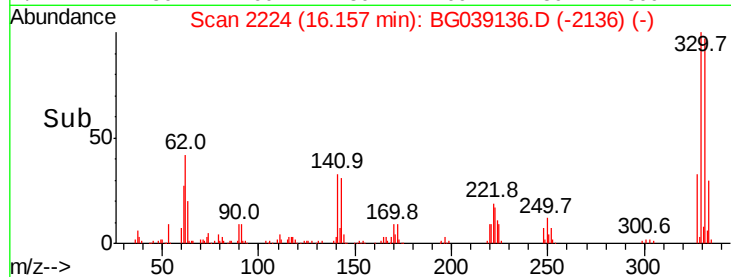
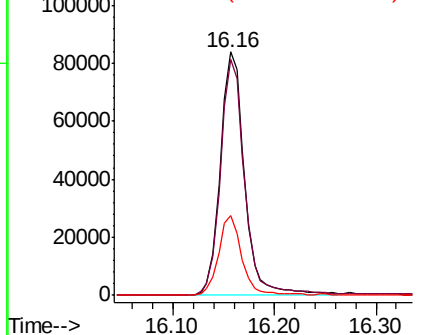
#42
 2,4,6-Tribromophenol
 Concen: 148.924 ng
 RT: 16.16 min Scan# 2224
 Delta R.T. -0.01 min
 Lab File: BG039136.D
 Acq: 15 Jan 2019 17:55

Instrument :
 BNA_G
 ClientSampled :
 RT-3451

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	75.7	113.5
141	31.3	24.9	37.3

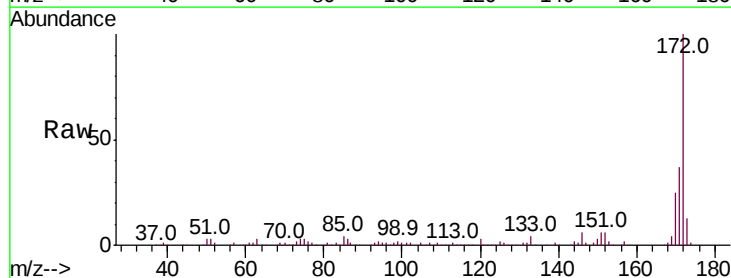


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

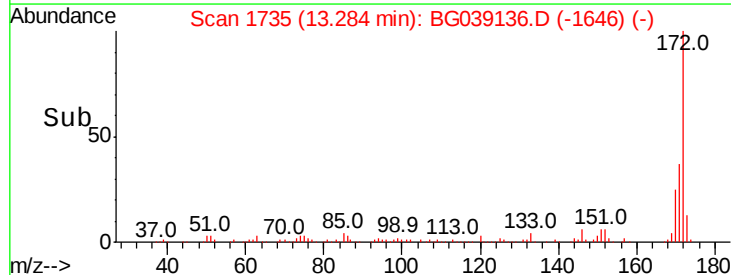
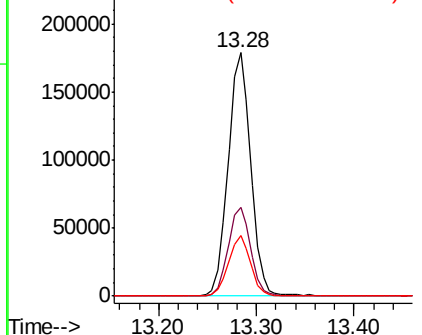


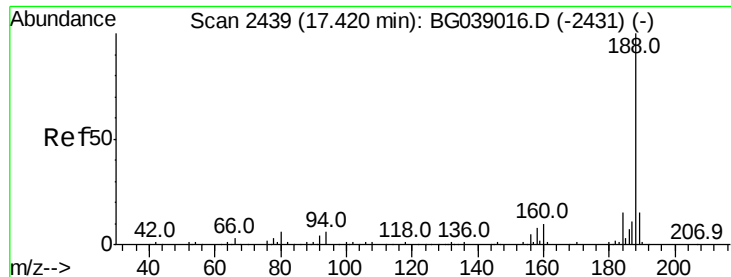
#45
 2-Fluorobiphenyl
 Concen: 70.503 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.01 min
 Lab File: BG039136.D
 Acq: 15 Jan 2019 17:55

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.6	29.4	44.0
170	25.0	20.1	30.1



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: BG039136.D

Acq: 15 Jan 2019 17:55

Instrument :

BNA_G

ClientSampleId :

RT-3451

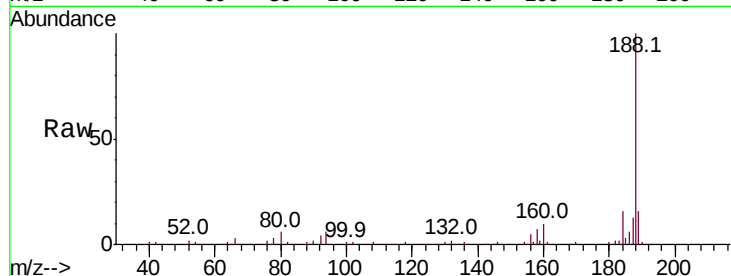
Tot Ion:188 Resp: 175464

Ion Ratio Lower Upper

188 100

94 5.9 5.0 7.4

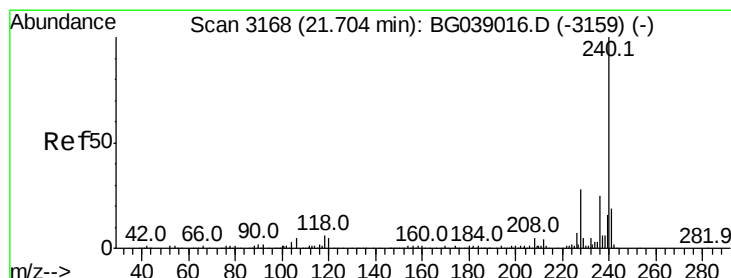
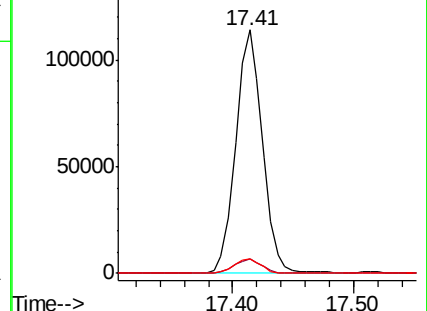
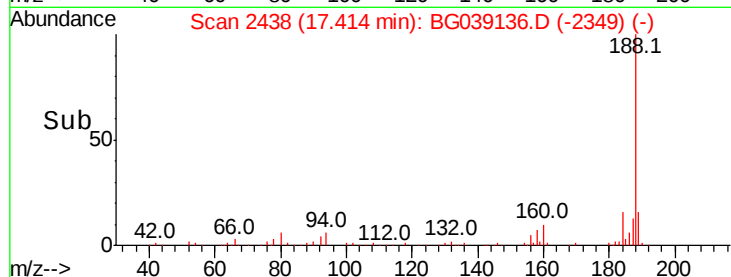
80 5.9 4.7 7.1



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: BG039136.D

Acq: 15 Jan 2019 17:55

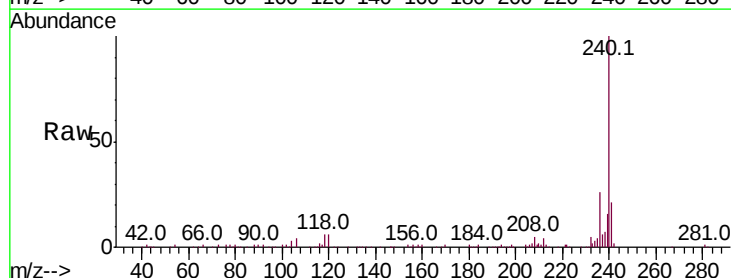
Tgt Ion:240 Resp: 178903

Ion Ratio Lower Upper

240 100

120 5.9 4.3 6.5

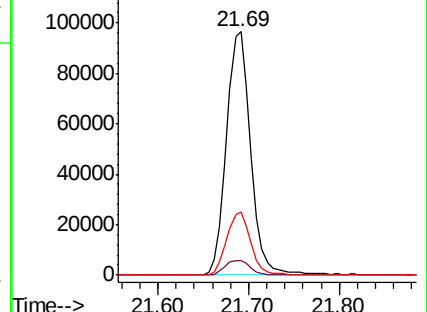
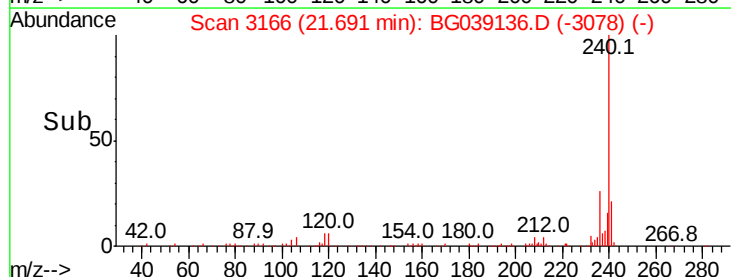
236 25.7 20.1 30.1

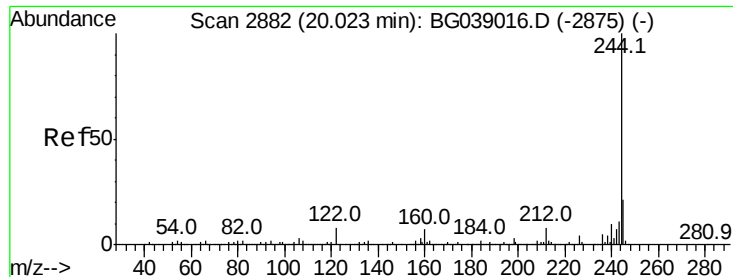


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 113.343 ng

RT: 20.02 min Scan# 2881

Delta R.T. -0.01 min

Lab File: BG039136.D

Acq: 15 Jan 2019 17:55

Instrument :

BNA_G

ClientSampled :

RT-3451

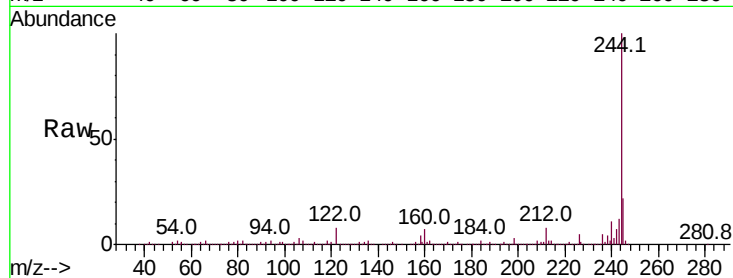
Tot Ion:244 Resp: 1096135

Ion Ratio Lower Upper

244 100

212 8.2 6.1 9.1

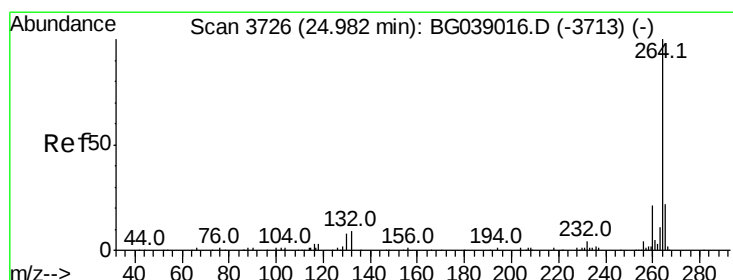
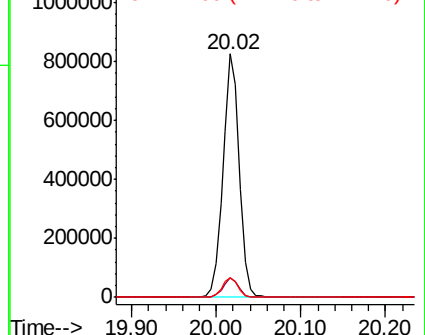
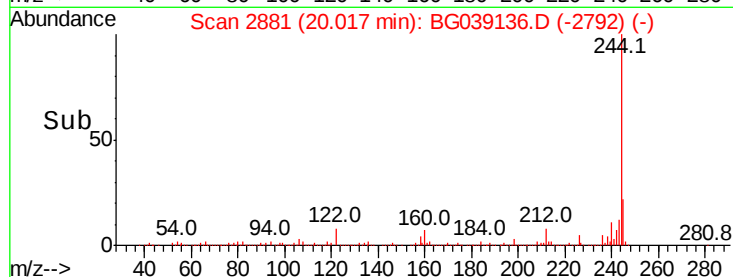
122 8.0 6.1 9.1



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: 24.97 min Scan# 3724

Delta R.T. -0.01 min

Lab File: BG039136.D

Acq: 15 Jan 2019 17:55

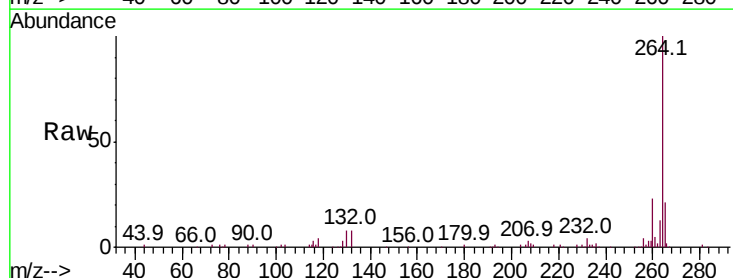
Tgt Ion:264 Resp: 169304

Ion Ratio Lower Upper

264 100

260 23.3 17.0 25.6

265 20.7 17.2 25.8



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

