

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031519\
 Data File : BG039946.D
 Acq On : 15 Mar 2019 18:09
 Operator : JU/SJ
 Sample : PB117958BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117958BL

Quant Time: Mar 16 04:33:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 04 14:38:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	39116	20.00	ng	-0.02
21) Naphthalene-d8	10.97	136	157311	20.00	ng	-0.02
39) Acenaphthene-d10	14.77	164	108923	20.00	ng	-0.02
64) Phenanthrene-d10	17.52	188	265288	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	303927	20.00	ng	-0.02
87) Perylene-d12	25.17	264	302005	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	238124	103.86	ng	-0.01
7) Phenol-d6	7.29	99	342525	100.19	ng	-0.02
23) Nitrobenzene-d5	9.33	82	204060	70.16	ng	-0.02
42) 2,4,6-Tribromophenol	16.26	330	127901	100.74	ng	-0.02
45) 2-Fluorobiphenyl	13.40	172	521454	68.16	ng	-0.02
79) Terphenyl-d14	20.11	244	899492	65.16	ng	-0.01

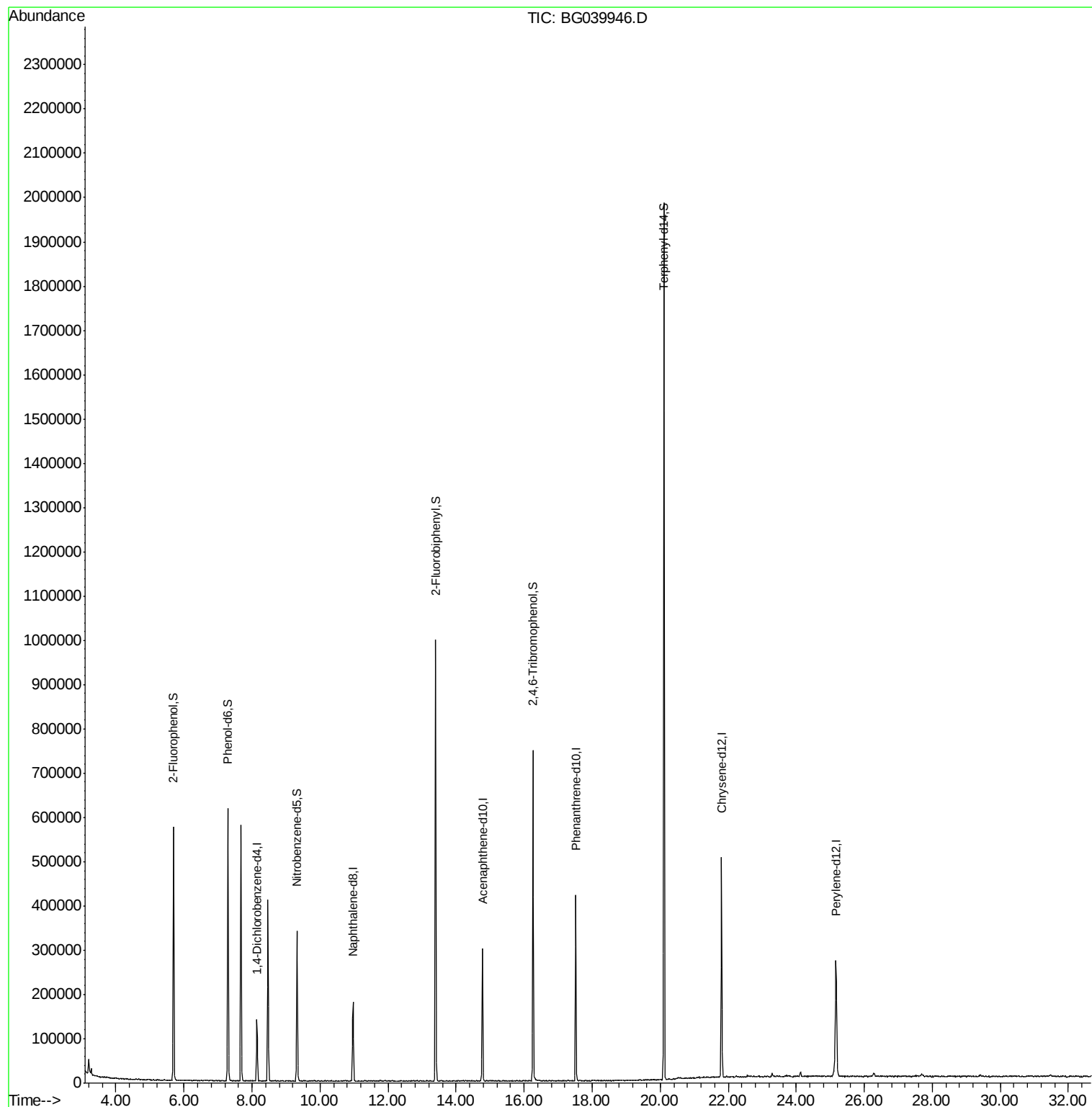
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.15 min Scan# 862

Delta R.T. -0.02 min

Lab File: BG039946.D

Acq: 15 Mar 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB117958BL

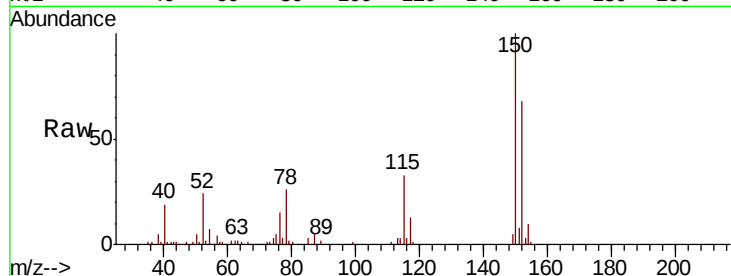
Tot Ion:152 Resp: 39116

Ion Ratio Lower Upper

152 100

150 147.3 123.7 185.5

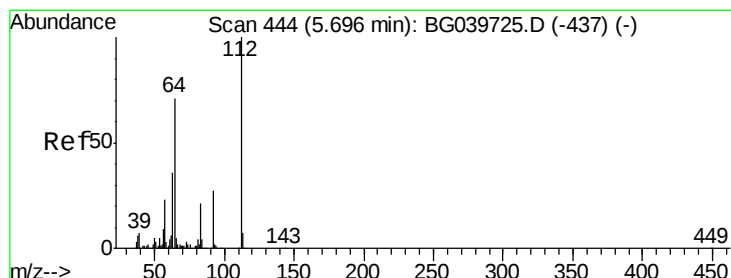
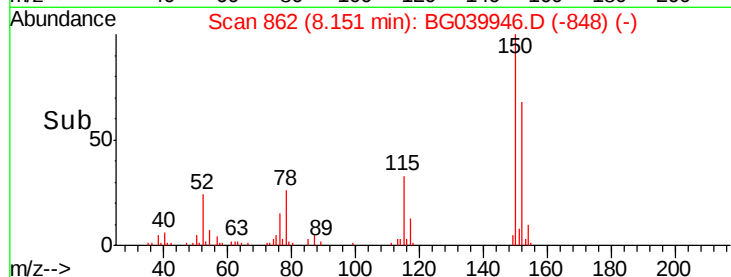
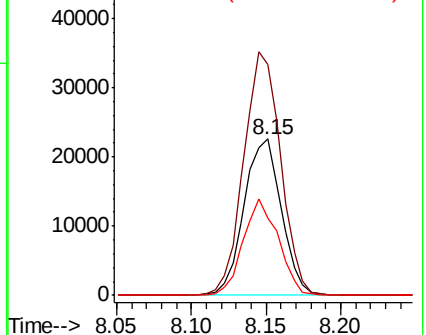
115 49.2 45.9 68.9



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: 103.856 ng

RT: 5.70 min Scan# 444

Delta R.T. -0.01 min

Lab File: BG039946.D

Acq: 15 Mar 2019 18:09

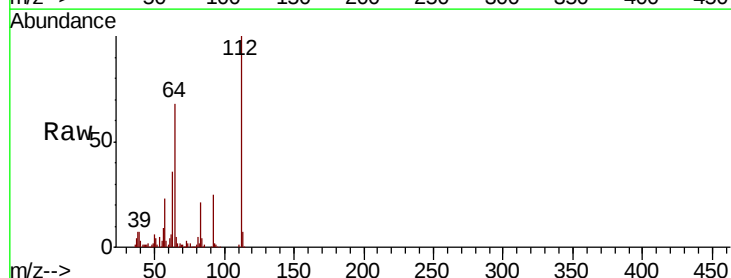
Tgt Ion:112 Resp: 238124

Ion Ratio Lower Upper

112 100

64 68.4 57.8 86.8

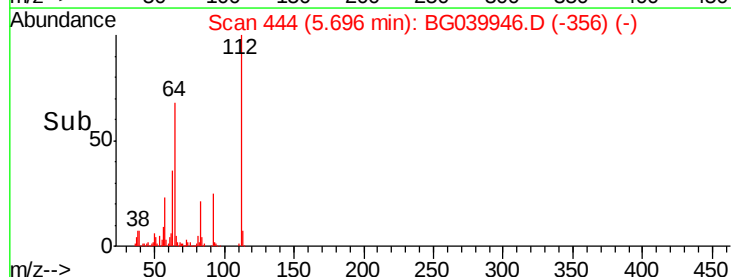
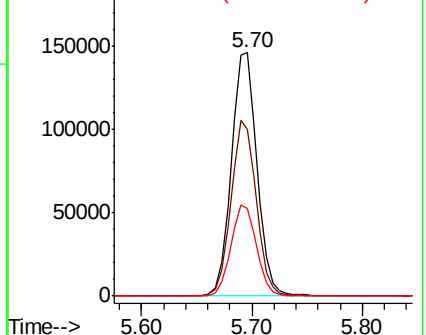
63 36.1 29.8 44.6



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: 100.190 ng

RT: 7.29 min Scan# 716

Delta R.T. -0.02 min

Lab File: BG039946.D

Acq: 15 Mar 2019 18:09

Instrument :

BNA_G

ClientSampled :

PB117958BL

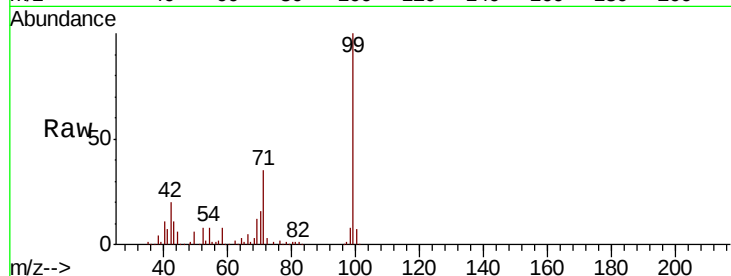
Tot Ion: 99 Resp: 342525

Ion Ratio Lower Upper

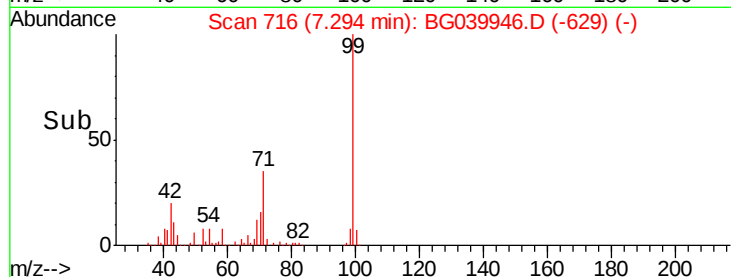
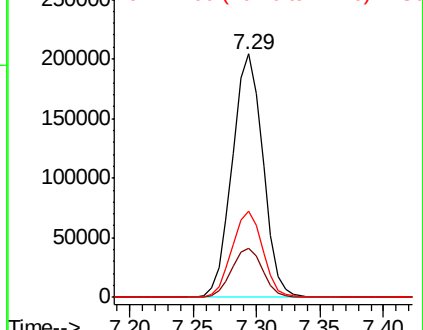
99 100

42 20.4 18.2 27.2

71 35.3 28.0 42.0



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: 10.97 min Scan# 1342

Delta R.T. -0.02 min

Lab File: BG039946.D

Acq: 15 Mar 2019 18:09

Tgt Ion: 136 Resp: 157311

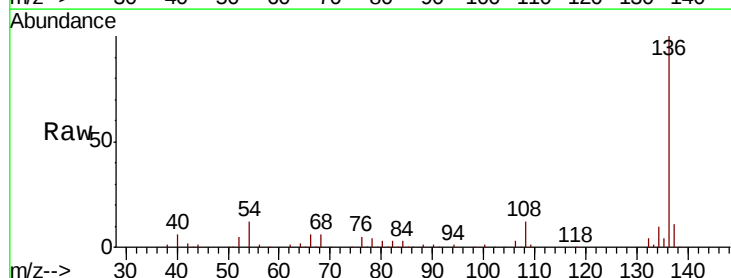
Ion Ratio Lower Upper

136 100

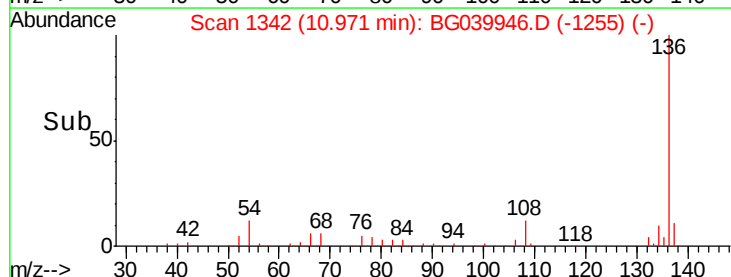
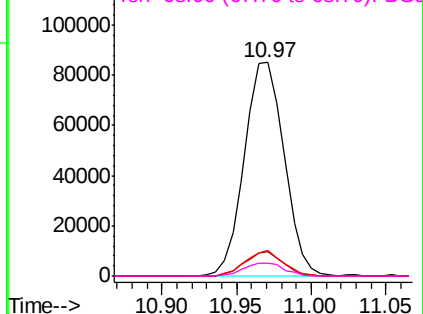
137 11.2 9.1 13.7

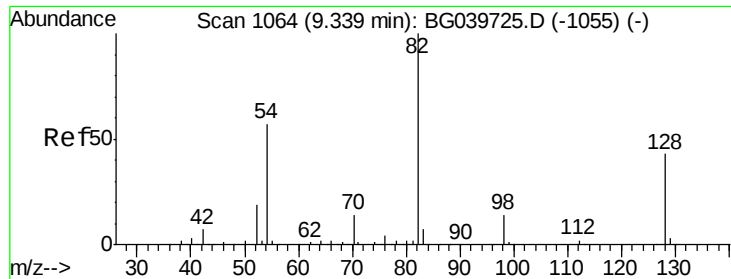
54 11.9 9.4 14.2

68 6.3 4.2 6.4



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

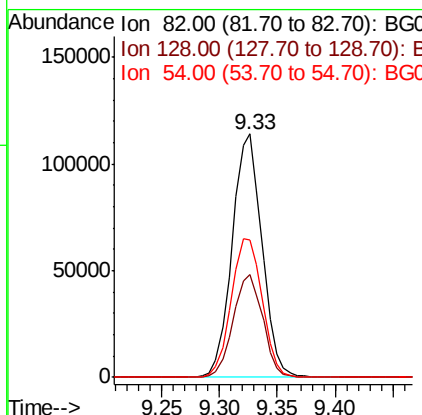
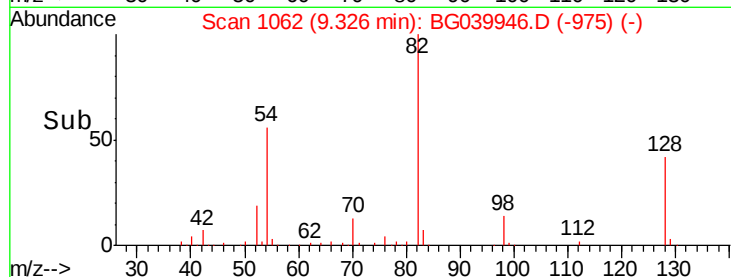
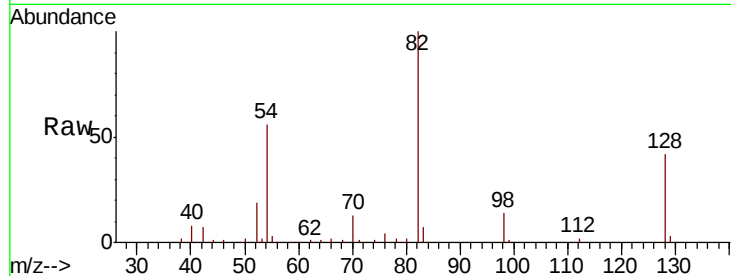




#23
 Nitrobenzene-d5
 Concen: 70.156 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BG039946.D
 Acq: 15 Mar 2019 18:09

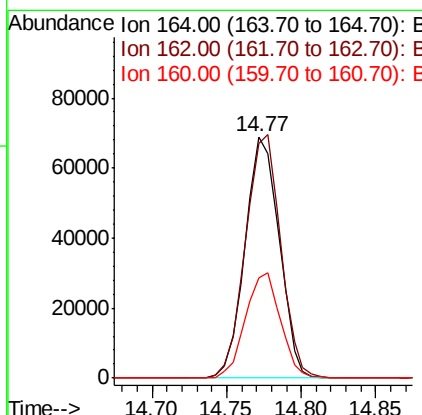
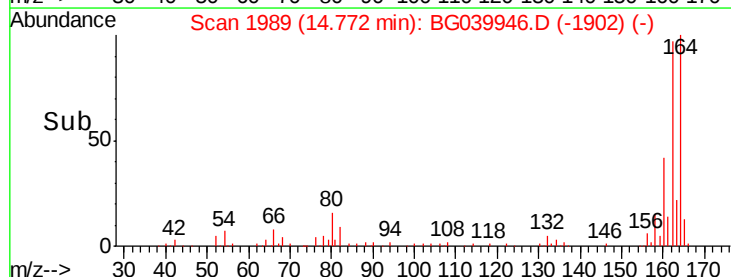
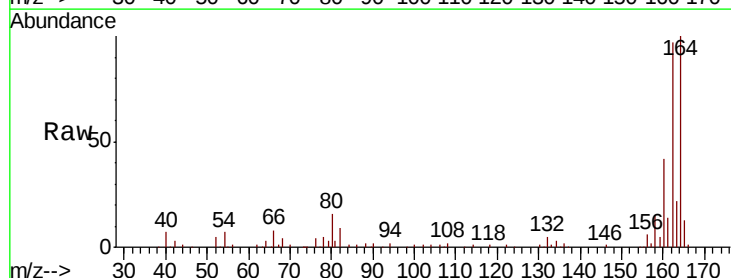
Instrument :
 BNA_G
 ClientSampled :
 PB117958BL

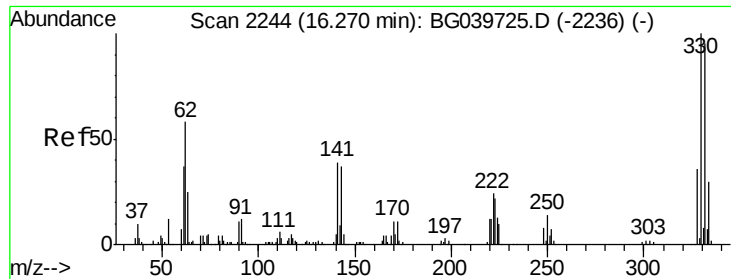
Tot Ion	82	Resp	204060
Ion Ratio	Lower	Upper	
82	100		
128	42.1	31.3	46.9
54	56.3	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.77 min Scan# 1989
 Delta R.T. -0.02 min
 Lab File: BG039946.D
 Acq: 15 Mar 2019 18:09

Tgt Ion	164	Resp	108923
Ion Ratio	Lower	Upper	
164	100		
162	97.2	81.6	122.4
160	41.6	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 100.743 ng

RT: 16.26 min Scan# 2242

Delta R.T. -0.02 min

Lab File: BG039946.D

Acq: 15 Mar 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB117958BL

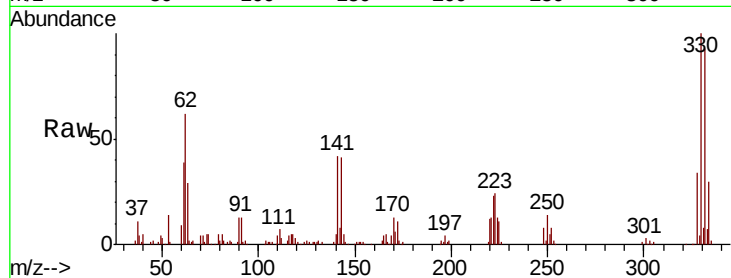
Tot Ion:330 Resp: 127901

Ion Ratio Lower Upper

330 100

332 95.4 75.7 113.5

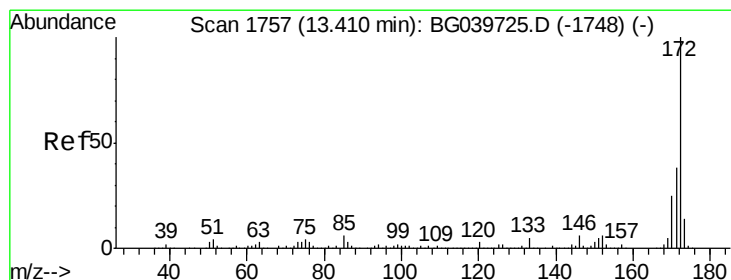
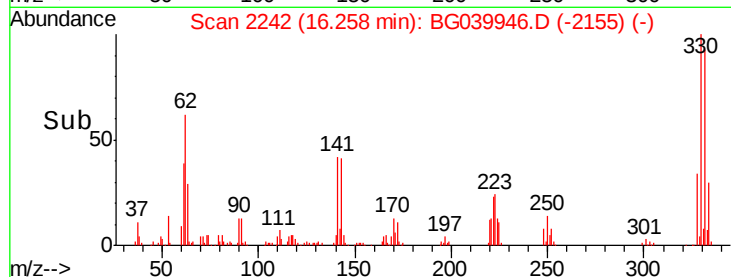
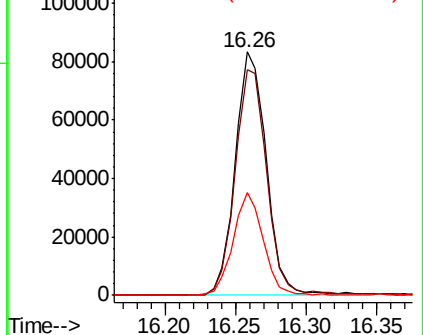
141 40.9 35.6 53.4



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: 68.164 ng

RT: 13.40 min Scan# 1755

Delta R.T. -0.02 min

Lab File: BG039946.D

Acq: 15 Mar 2019 18:09

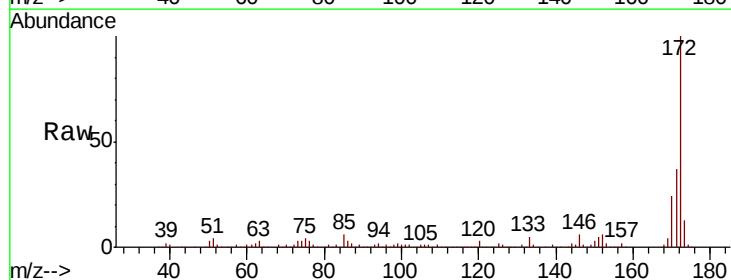
Tgt Ion:172 Resp: 521454

Ion Ratio Lower Upper

172 100

171 36.7 30.8 46.2

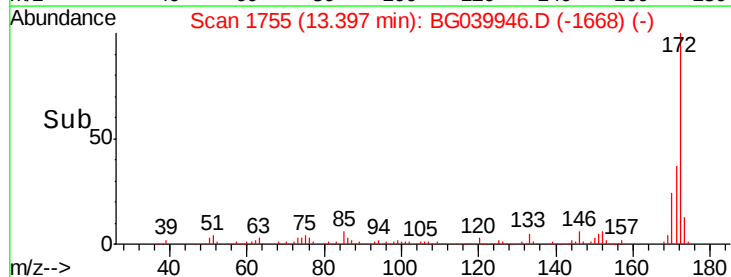
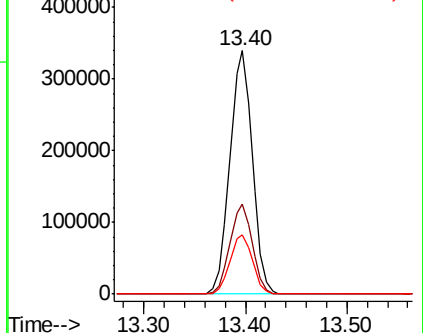
170 24.4 20.2 30.4



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

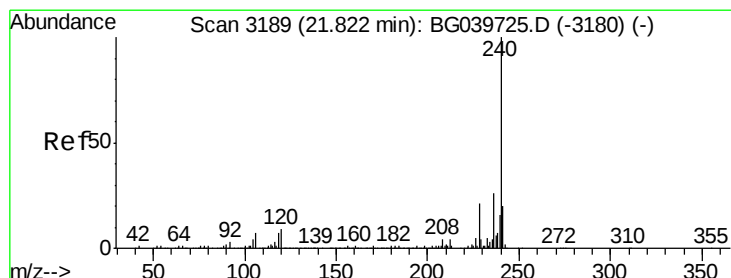
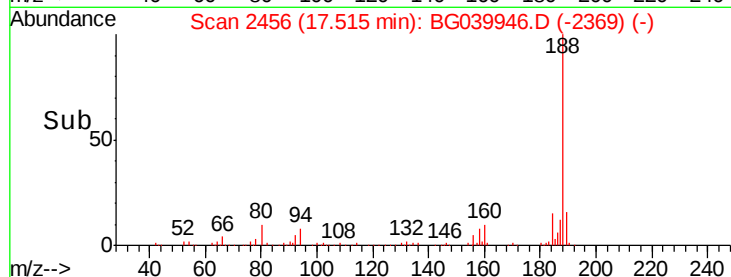
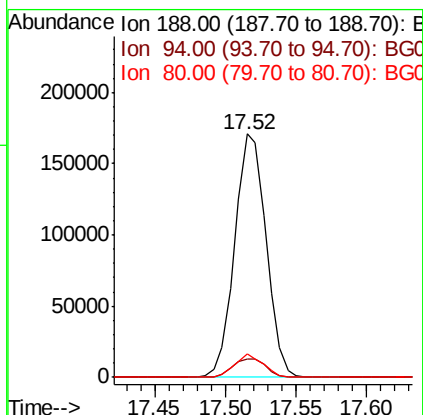
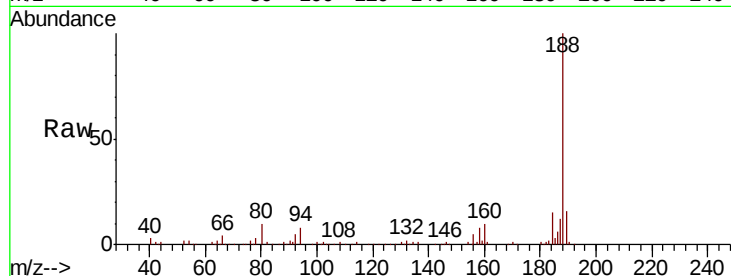




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.02 min
Lab File: BG039946.D
Acq: 15 Mar 2019 18:09

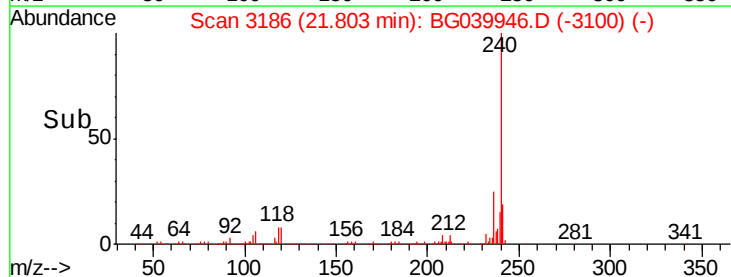
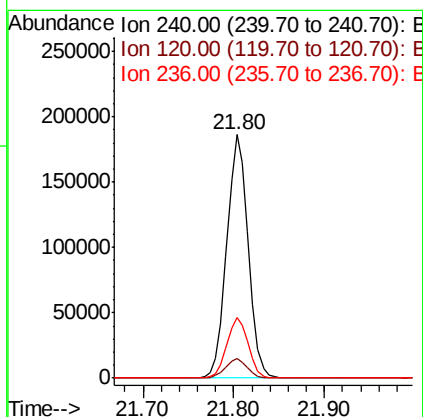
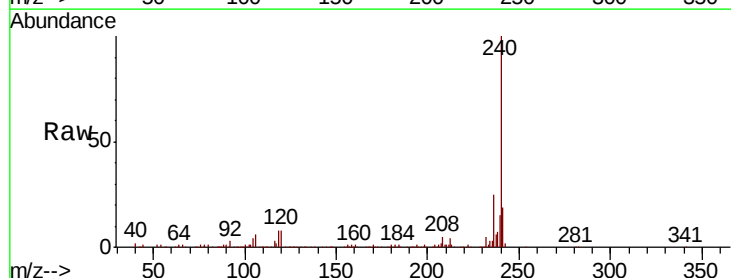
Instrument :
BNA_G
ClientSampleId :
PB117958BL

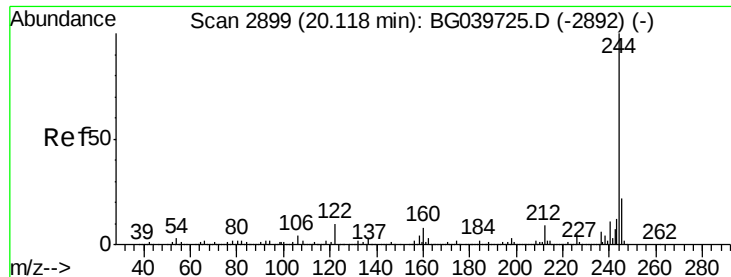
Tot Ion:188 Resp: 265288
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 9.8 8.1 12.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3186
Delta R.T. -0.02 min
Lab File: BG039946.D
Acq: 15 Mar 2019 18:09

Tgt Ion:240 Resp: 303927
Ion Ratio Lower Upper
240 100
120 8.1 7.0 10.6
236 24.8 21.0 31.4





#79

Terphenyl-d14

Concen: 65.164 ng

RT: 20.11 min Scan# 2898

Delta R.T. -0.01 min

Lab File: BG039946.D

Acq: 15 Mar 2019 18:09

Instrument :

BNA_G

ClientSampleId :

PB117958BL

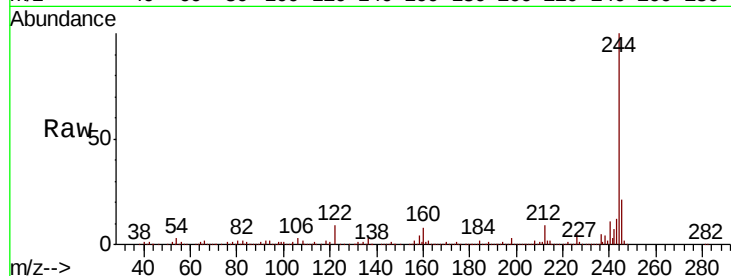
Tot Ion:244 Resp: 899492

Ion Ratio Lower Upper

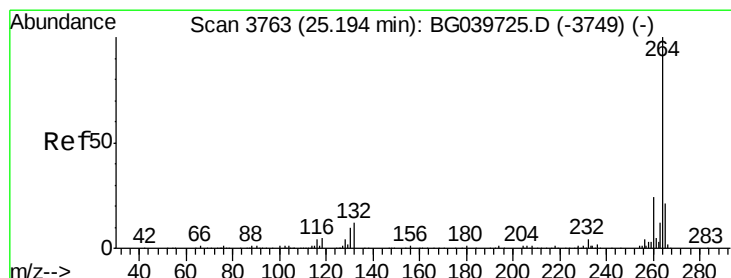
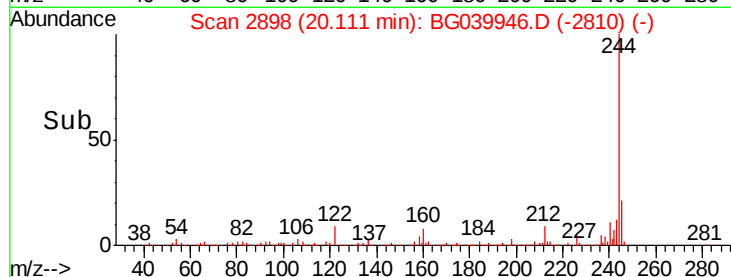
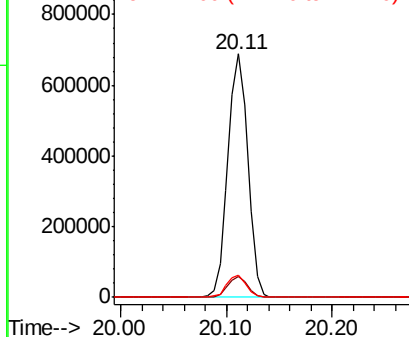
244 100

212 8.8 7.3 10.9

122 9.2 8.4 12.6



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: 25.17 min Scan# 3759

Delta R.T. -0.03 min

Lab File: BG039946.D

Acq: 15 Mar 2019 18:09

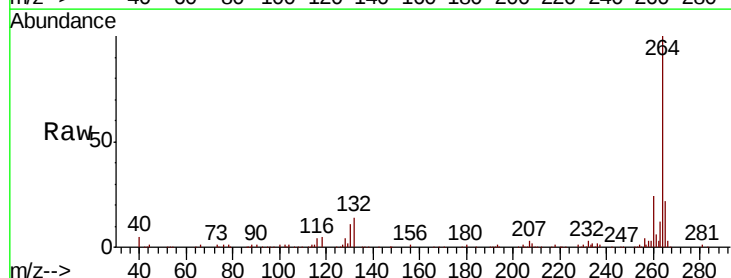
Tgt Ion:264 Resp: 302005

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 22.0 18.5 27.7



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

