

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
 Data File : BG039697.D
 Acq On : 1 Mar 2019 21:39
 Operator : JU/SJ
 Sample : PB117532TB
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117532TB

Quant Time: Mar 02 03:29:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 01 06:15:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	45558	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	198073	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	134535	20.00	ng	0.00
64) Phenanthrene-d10	17.53	188	333520	20.00	ng	0.00
76) Chrysene-d12	21.82	240	352581	20.00	ng	0.00
87) Perylene-d12	25.19	264	335713	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	393209	147.72	ng	0.00
7) Phenol-d6	7.31	99	559753	142.86	ng	0.00
23) Nitrobenzene-d5	9.34	82	319730	100.84	ng	0.00
42) 2,4,6-Tribromophenol	16.28	330	172802	119.28	ng	0.00
45) 2-Fluorobiphenyl	13.41	172	789864	84.22	ng	0.00
79) Terphenyl-d14	20.12	244	1331200	79.92	ng	0.00

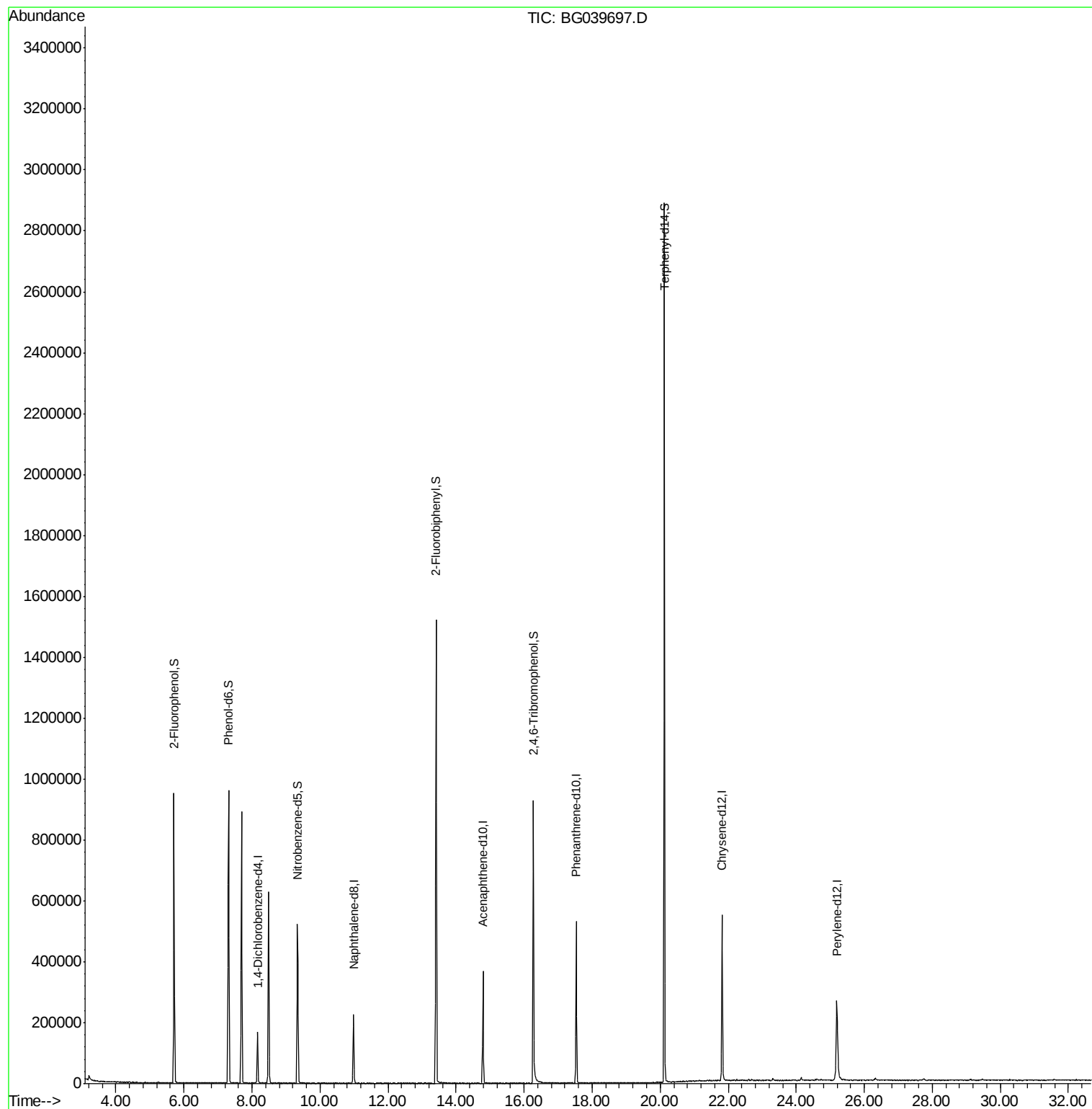
Target Compounds Qvalue

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030119\
Data File : BG039697.D
Acq On : 1 Mar 2019 21:39
Operator : JU/SJ
Sample : PB117532TB
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117532TB

Quant Time: Mar 02 03:29:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 01 06:15:02 2019
Response via : Initial Calibration



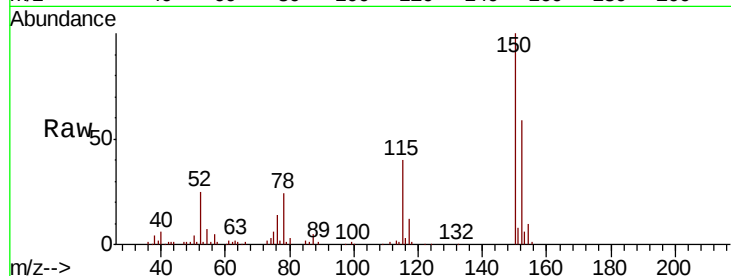


#1

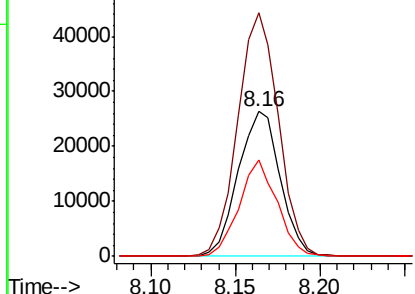
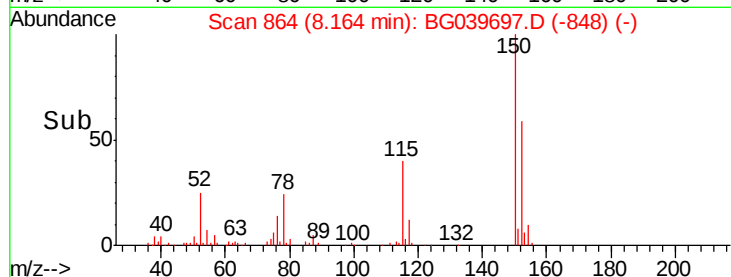
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 864
Delta R.T. -0.01 min
Lab File: BG039697.D
Acq: 1 Mar 2019 21:39

Instrument :
BNA_G
ClientSampleId :
PB117532TB

Tot Ion:152 Resp: 45558
Ion Ratio Lower Upper
152 100
150 168.1 123.7 185.5
115 66.6 45.9 68.9



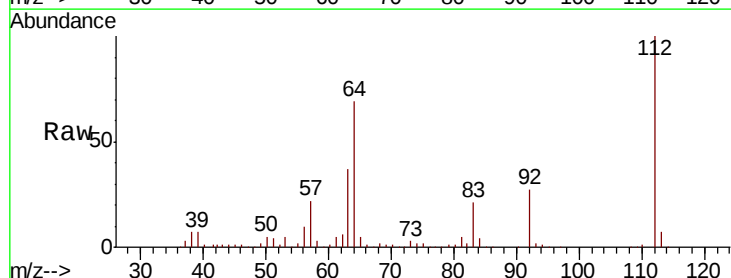
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



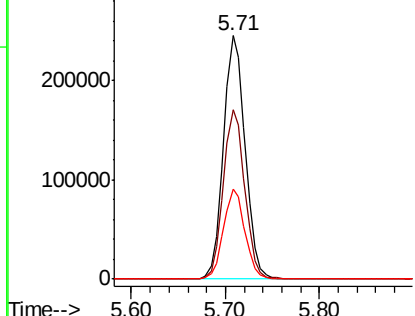
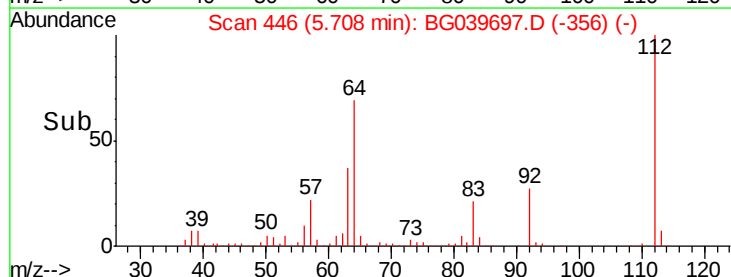
#5

2-Fluorophenol
Concen: 147.720 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.00 min
Lab File: BG039697.D
Acq: 1 Mar 2019 21:39

Tgt Ion:112 Resp: 393209
Ion Ratio Lower Upper
112 100
64 69.4 57.8 86.8
63 37.0 29.8 44.6



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: 142.860 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.00 min

Lab File: BG039697.D

Acq: 1 Mar 2019 21:39

Instrument :

BNA_G

ClientSampleId :

PB117532TB

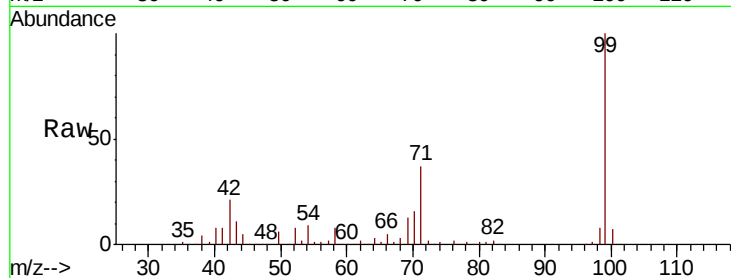
Tot Ion: 99 Resp: 559753

Ion Ratio Lower Upper

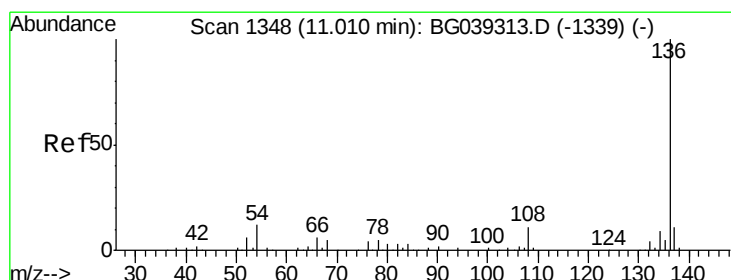
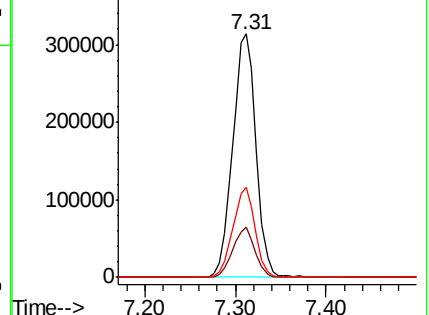
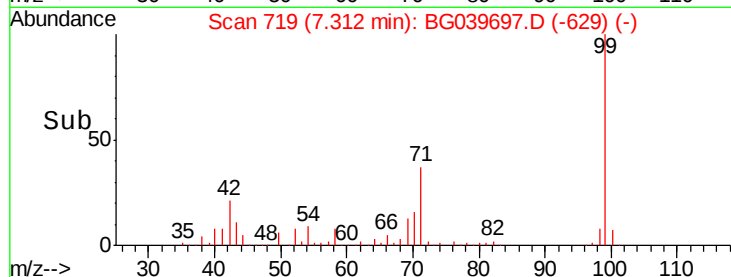
99 100

42 20.8 18.2 27.2

71 37.0 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: 10.98 min Scan# 1344

Delta R.T. -0.01 min

Lab File: BG039697.D

Acq: 1 Mar 2019 21:39

Tgt Ion: 136 Resp: 198073

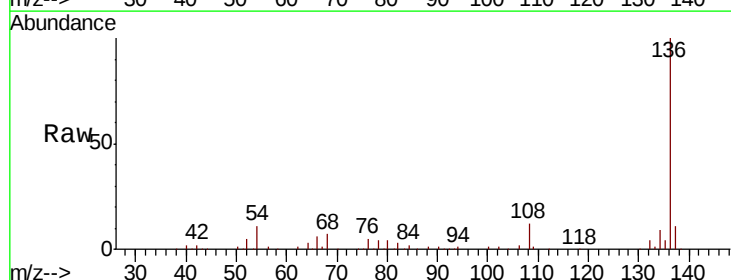
Ion Ratio Lower Upper

136 100

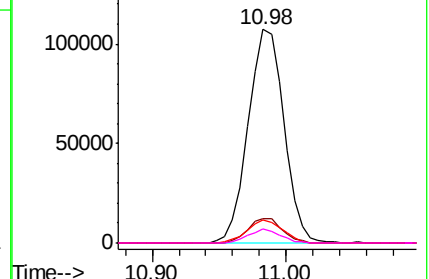
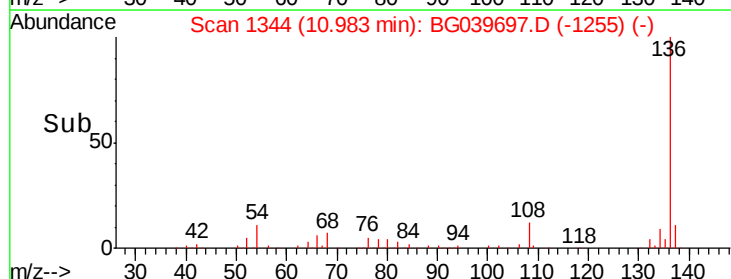
137 11.3 9.1 13.7

54 10.9 9.4 14.2

68 6.5 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

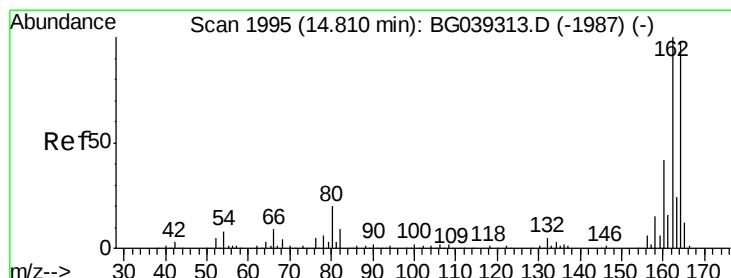
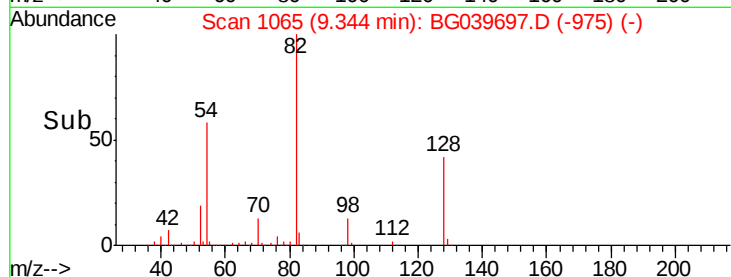
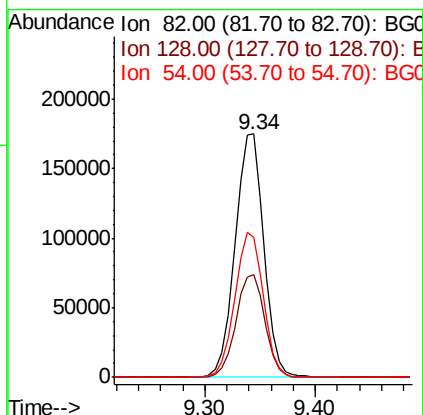
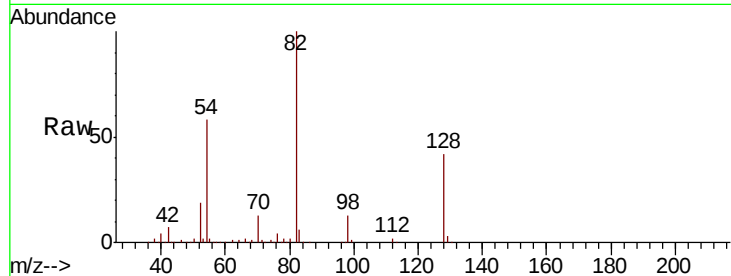




#23
Nitrobenzene-d5
Concen: 100.842 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.00 min
Lab File: BG039697.D
Acq: 1 Mar 2019 21:39

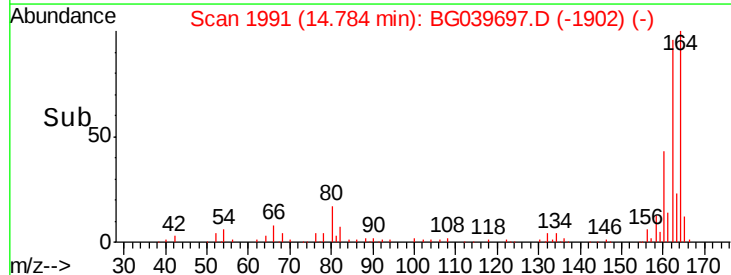
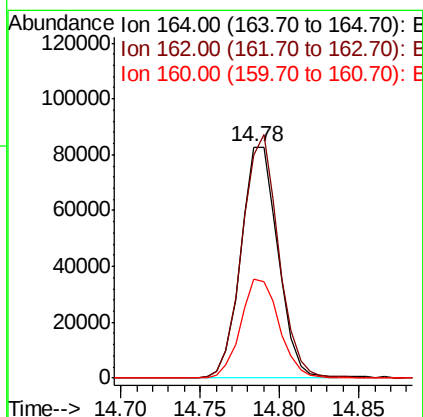
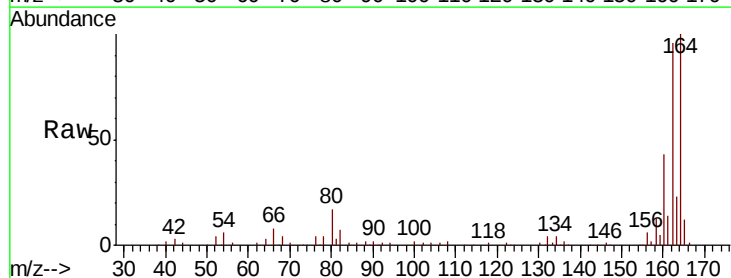
Instrument :
BNA_G
ClientSampleId :
PB117532TB

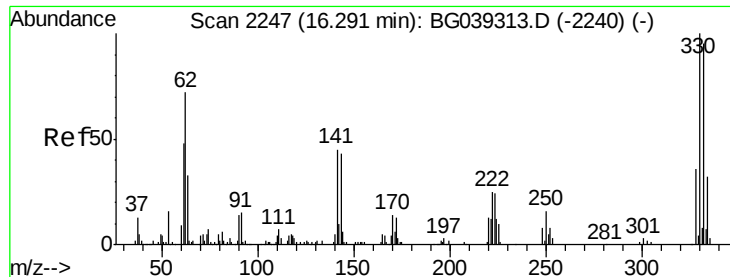
Tot Ion: 82 Resp: 319730
Ion Ratio Lower Upper
82 100
128 42.3 31.3 46.9
54 57.7 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1991
Delta R.T. -0.01 min
Lab File: BG039697.D
Acq: 1 Mar 2019 21:39

Tgt Ion: 164 Resp: 134535
Ion Ratio Lower Upper
164 100
162 96.5 81.6 122.4
160 42.6 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 119.280 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.00 min

Lab File: BG039697.D

Acq: 1 Mar 2019 21:39

Instrument :

BNA_G

ClientSampled :

PB117532TB

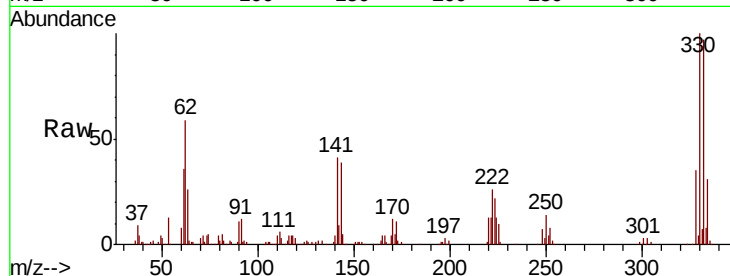
Tot Ion:330 Resp: 172802

Ion Ratio Lower Upper

330 100

332 98.2 75.7 113.5

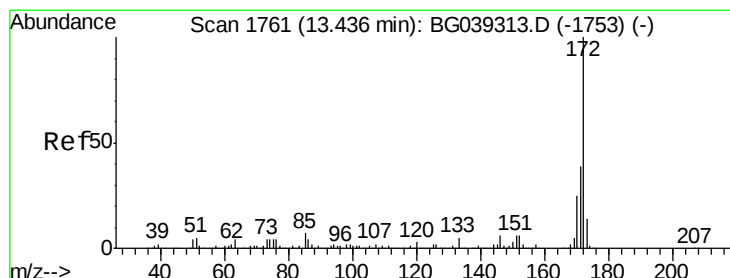
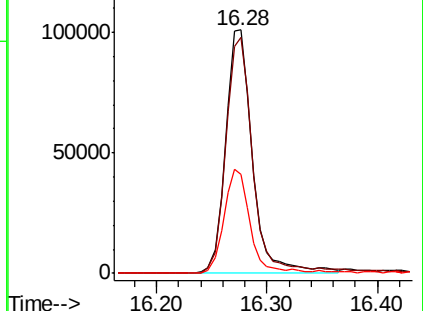
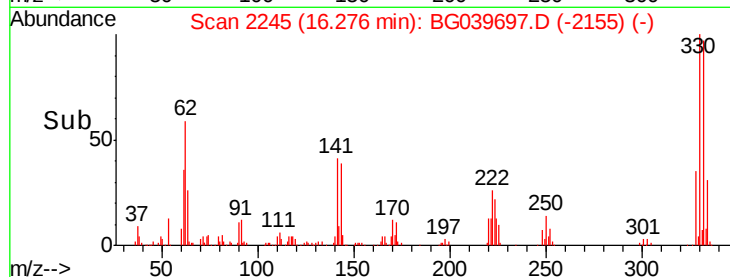
141 41.1 35.6 53.4



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: 84.223 ng

RT: 13.41 min Scan# 1757

Delta R.T. -0.01 min

Lab File: BG039697.D

Acq: 1 Mar 2019 21:39

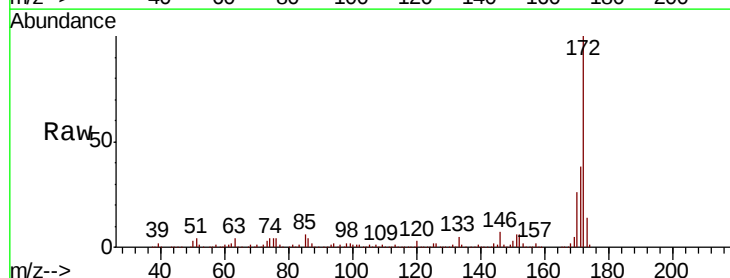
Tgt Ion:172 Resp: 789864

Ion Ratio Lower Upper

172 100

171 38.1 30.8 46.2

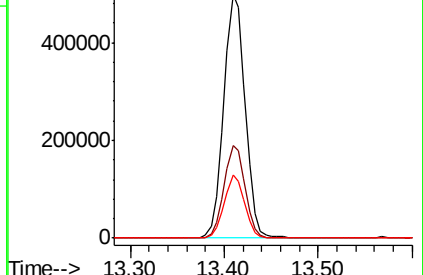
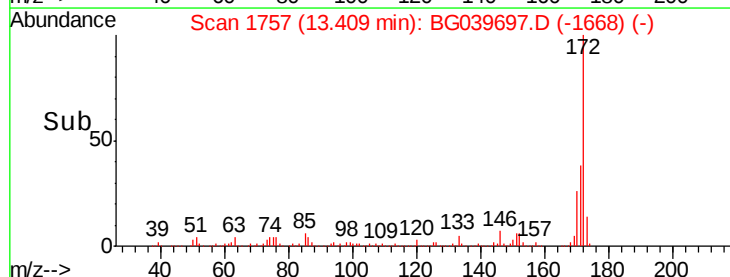
170 26.0 20.2 30.4

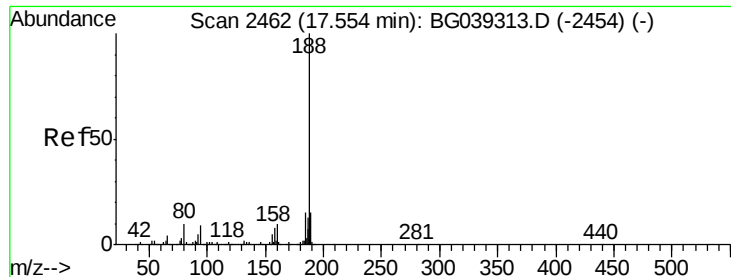


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.53 min Scan# 2459

Delta R.T. -0.00 min

Lab File: BG039697.D

Acq: 1 Mar 2019 21:39

Instrument :

BNA_G

ClientSampleId :

PB117532TB

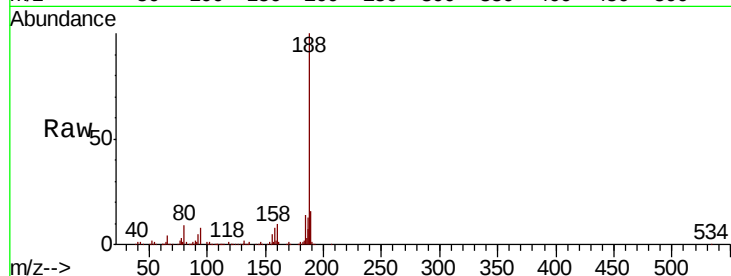
Tot Ion:188 Resp: 333520

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

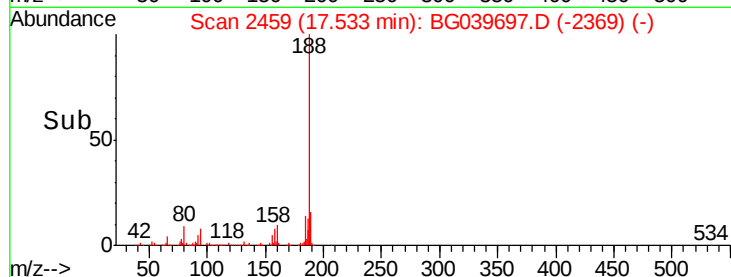
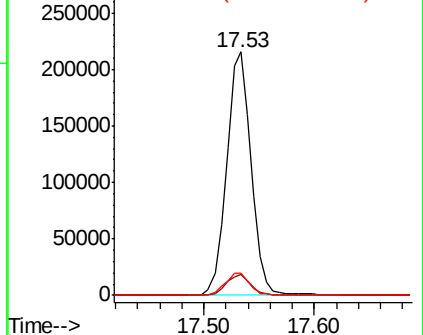
80 9.2 8.1 12.1



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: 21.82 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG039697.D

Acq: 1 Mar 2019 21:39

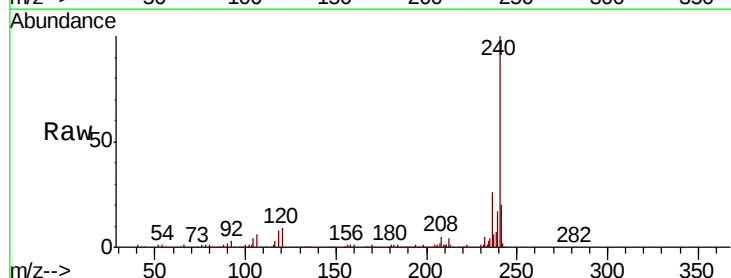
Tgt Ion:240 Resp: 352581

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

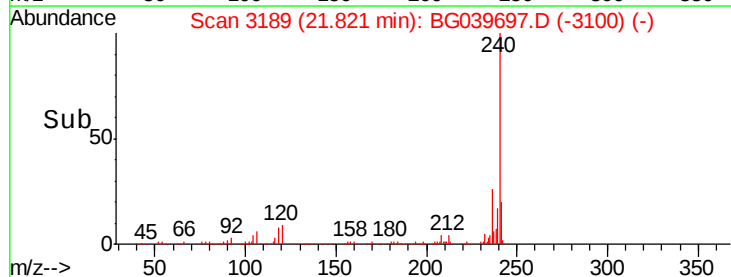
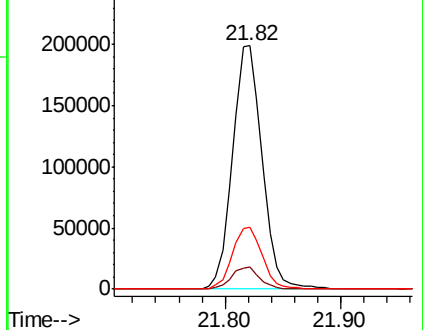
236 25.6 21.0 31.4

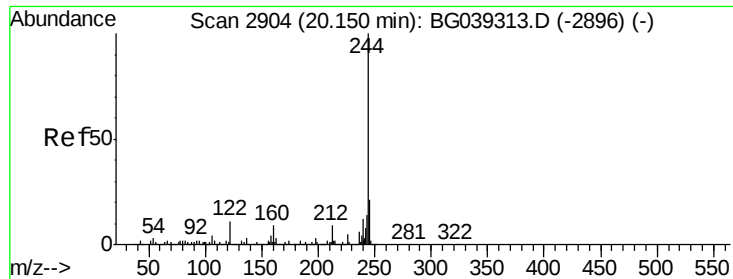


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 79.917 ng

RT: 20.12 min Scan# 2900

Delta R.T. -0.00 min

Lab File: BG039697.D

Acq: 1 Mar 2019 21:39

Instrument :

BNA_G

ClientSampleId :

PB117532TB

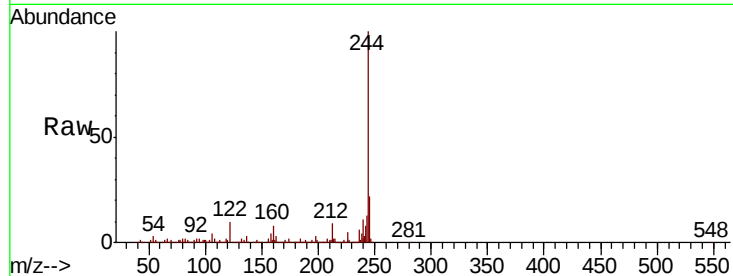
Tot Ion:244 Resp: 1331200

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

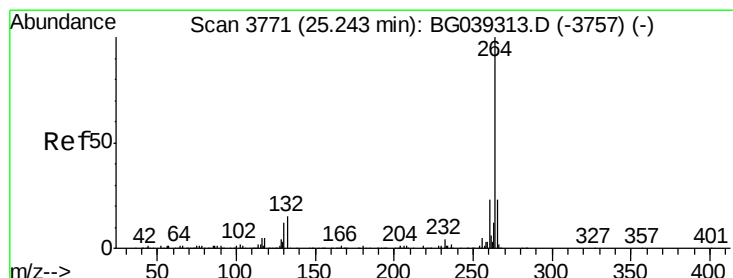
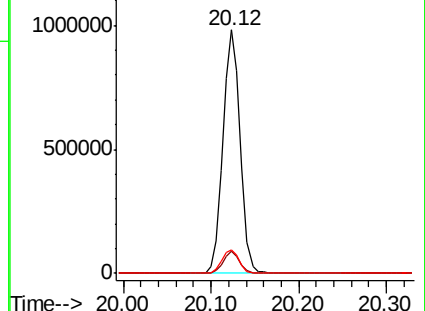
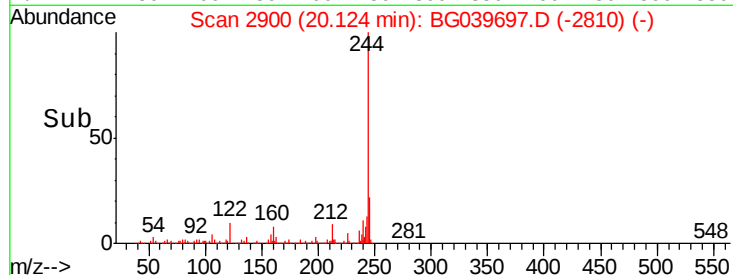
122 9.9 8.4 12.6



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: 25.19 min Scan# 3763

Delta R.T. -0.01 min

Lab File: BG039697.D

Acq: 1 Mar 2019 21:39

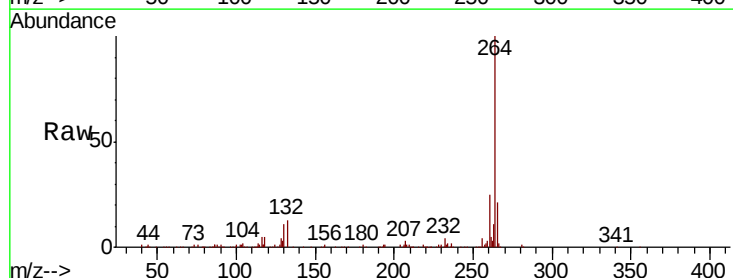
Tgt Ion:264 Resp: 335713

Ion Ratio Lower Upper

264 100

260 25.0 18.2 27.4

265 21.1 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

