

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
 Data File : BG039337.D
 Acq On : 30 Jan 2019 21:11
 Operator : JU/SJ
 Sample : K1282-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Jan 31 06:08:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 29 15:41:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	47353	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	195635	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	128461	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	321080	20.00	ng	0.00
76) Chrysene-d12	21.84	240	343216	20.00	ng	-0.01
87) Perylene-d12	25.23	264	340882	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	374207	135.25	ng	0.00
7) Phenol-d6	7.31	99	494160	121.34	ng	0.00
23) Nitrobenzene-d5	9.36	82	337923	107.91	ng	0.00
42) 2,4,6-Tribromophenol	16.29	330	208130	150.46	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	818285	91.38	ng	0.00
79) Terphenyl-d14	20.14	244	1390347	85.75	ng	0.00

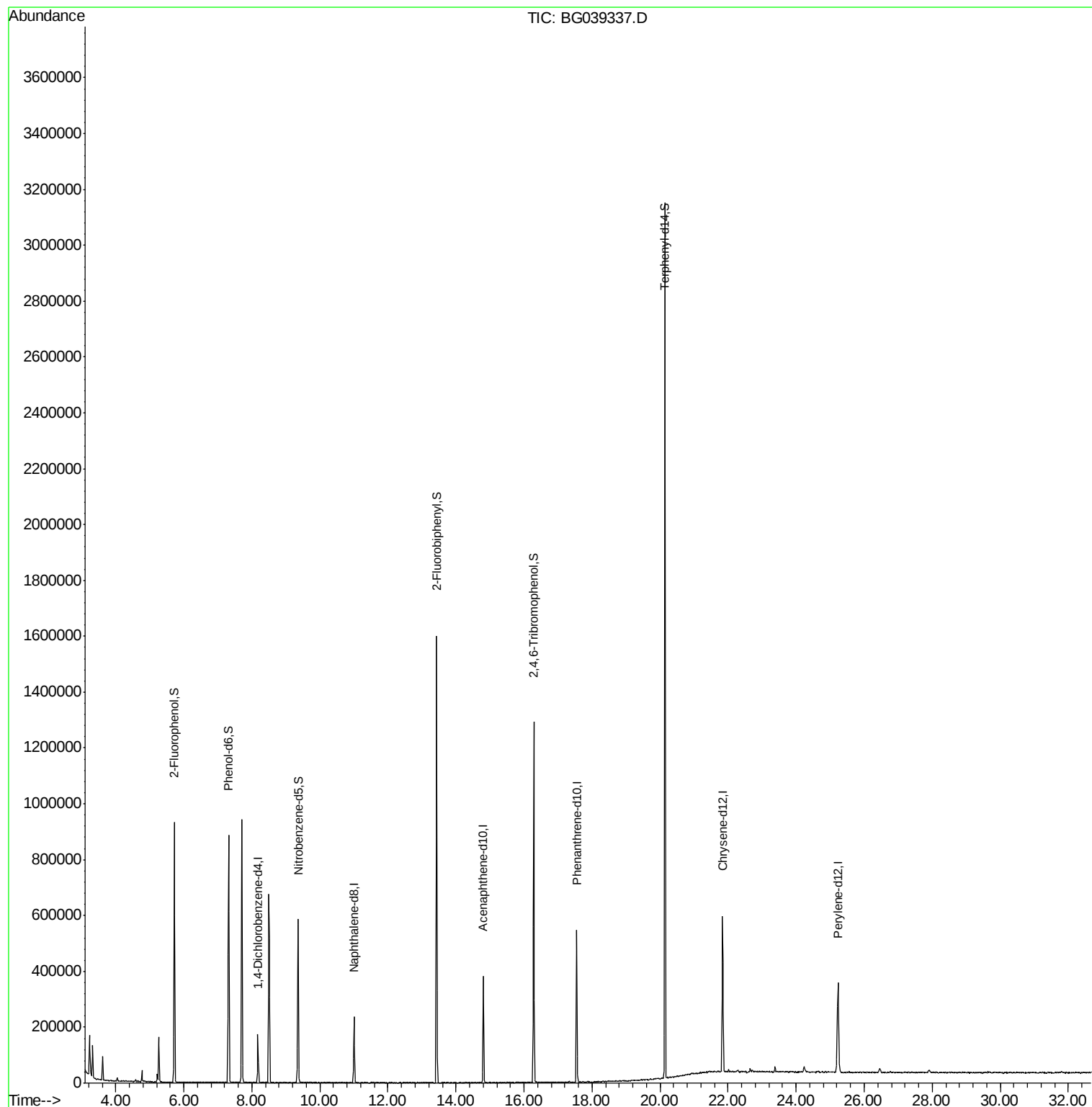
Target Compounds Qvalue

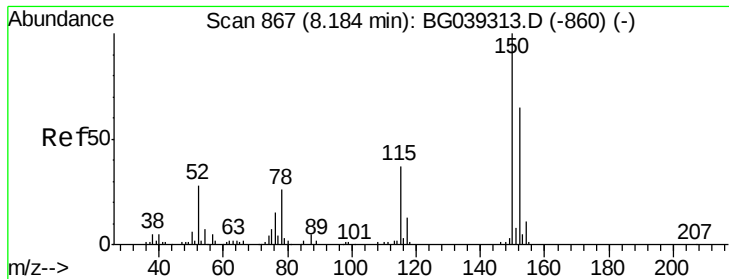
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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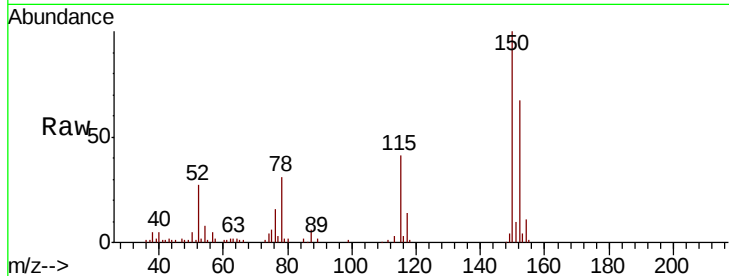


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. 0.00 min
Lab File: BG039337.D
Acq: 30 Jan 2019 21:11

Instrument :
BNA_G
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	123.7	185.5
115	60.3	45.9	68.9

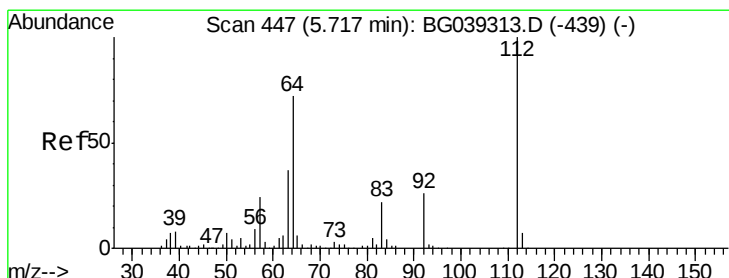
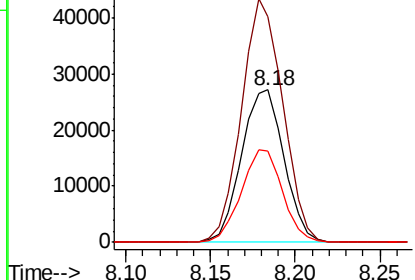
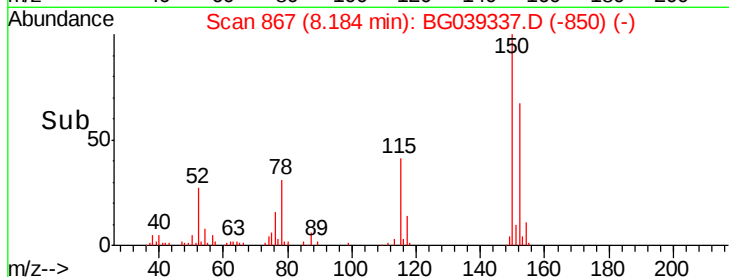


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

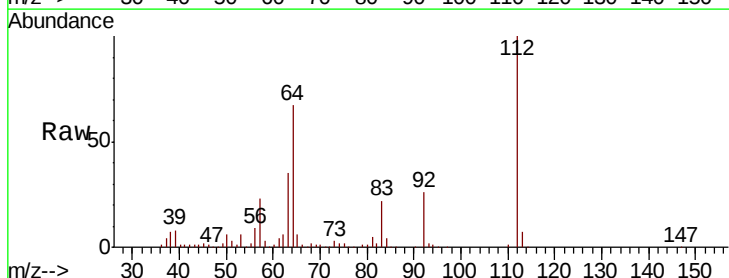
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 135.252 ng
RT: 5.72 min Scan# 448
Delta R.T. 0.01 min
Lab File: BG039337.D
Acq: 30 Jan 2019 21:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	57.8	86.8
63	35.1	29.8	44.6

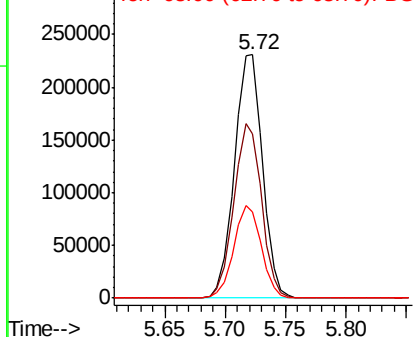
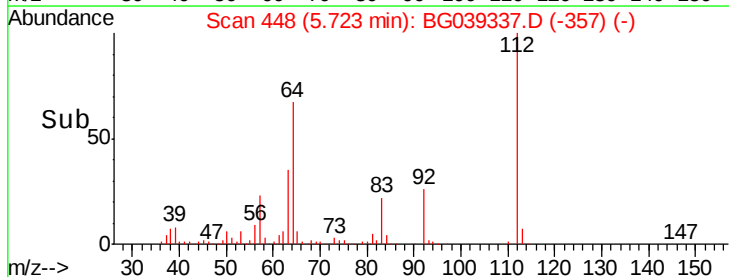


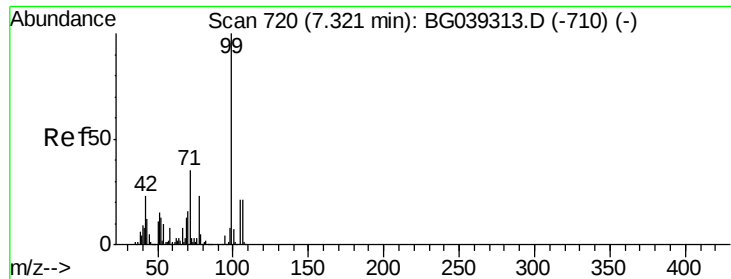
Abundance

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: 121.339 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039337.D

Acq: 30 Jan 2019 21:11

Instrument :

BNA_G

ClientSampleId :

TP-2

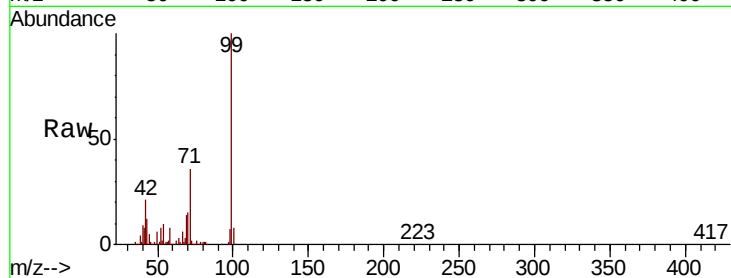
Tot Ion: 99 Resp: 494160

Ion Ratio Lower Upper

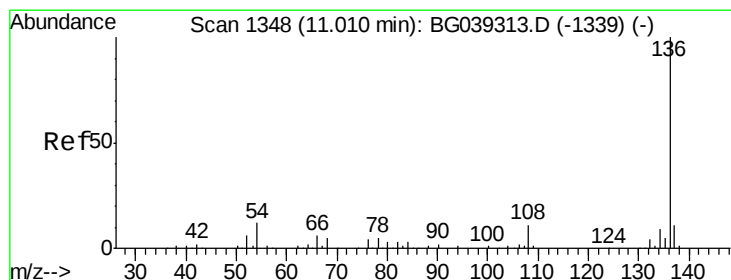
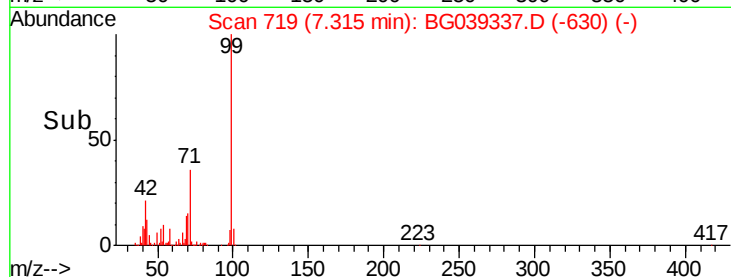
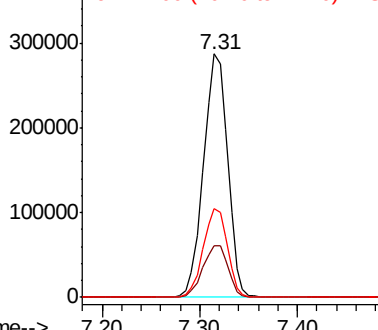
99 100

42 21.2 18.2 27.2

71 36.4 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: 11.00 min Scan# 1347

Delta R.T. -0.01 min

Lab File: BG039337.D

Acq: 30 Jan 2019 21:11

Tgt Ion: 136 Resp: 195635

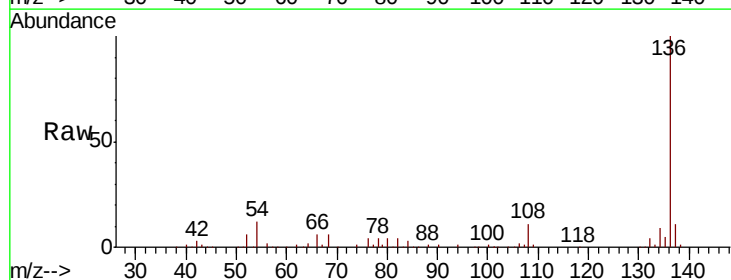
Ion Ratio Lower Upper

136 100

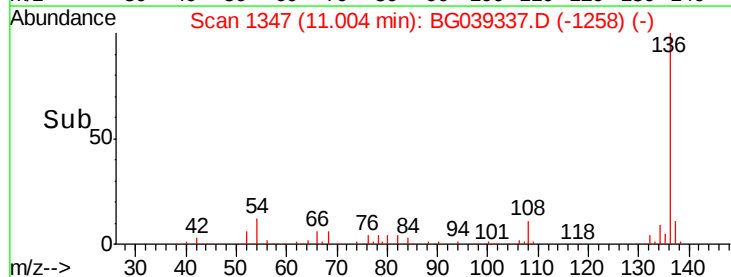
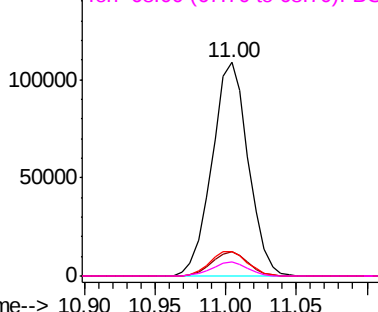
137 11.3 9.1 13.7

54 11.6 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: 107.908 ng

RT: 9.36 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BG039337.D

Acq: 30 Jan 2019 21:11

Instrument :

BNA_G

ClientSampleId :

TP-2

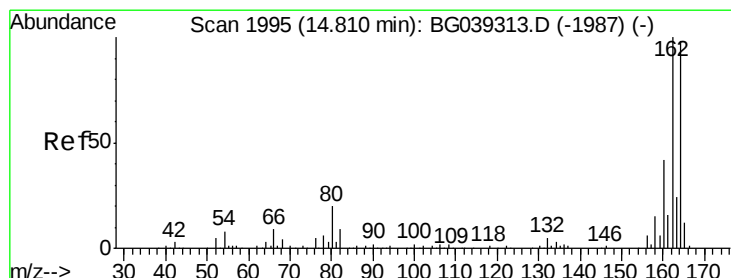
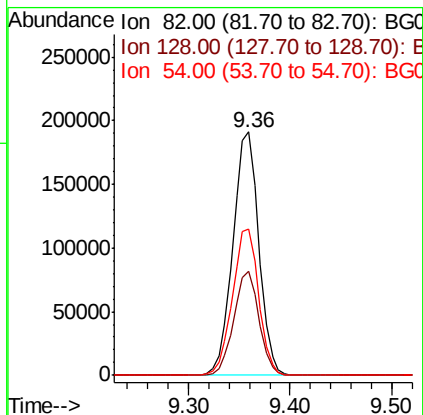
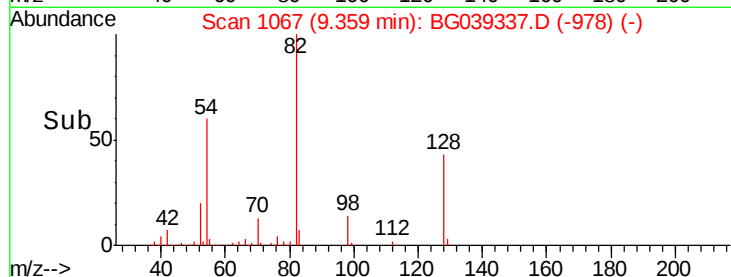
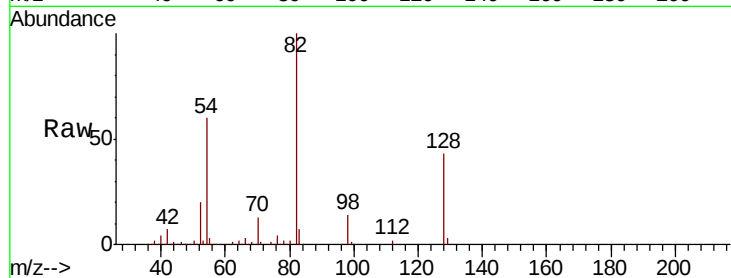
Tot Ion: 82 Resp: 337923

Ion Ratio Lower Upper

82 100

128 42.8 31.3 46.9

54 60.3 50.9 76.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.80 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BG039337.D

Acq: 30 Jan 2019 21:11

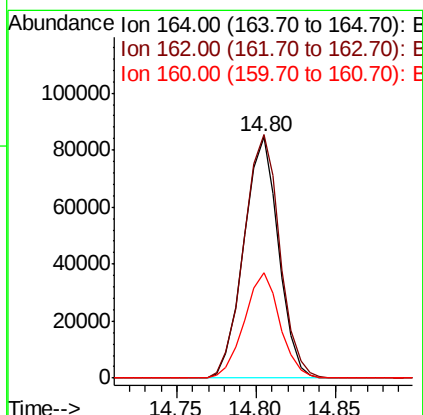
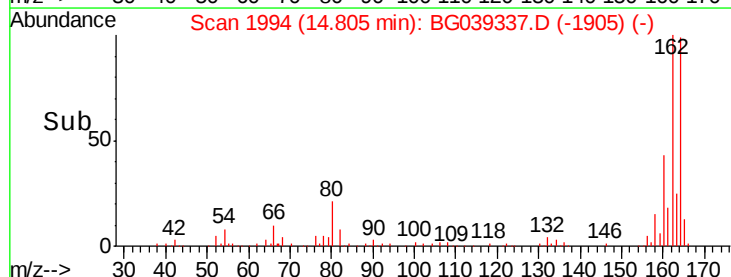
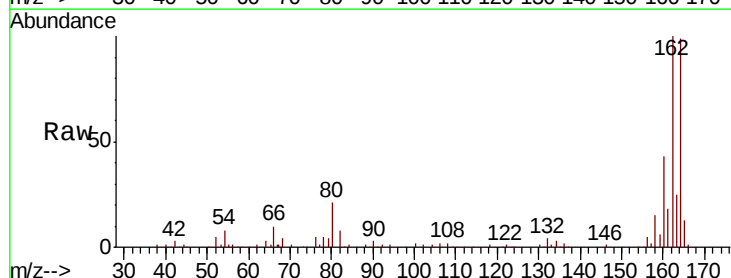
Tgt Ion:164 Resp: 128461

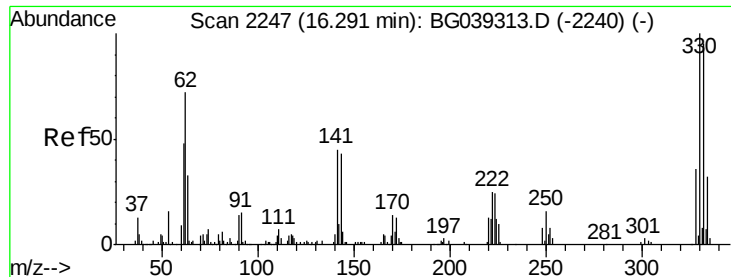
Ion Ratio Lower Upper

164 100

162 100.8 81.6 122.4

160 43.8 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 150.459 ng

RT: 16.29 min Scan# 2247

Delta R.T. 0.00 min

Lab File: BG039337.D

Acq: 30 Jan 2019 21:11

Instrument :

BNA_G

ClientSampleId :

TP-2

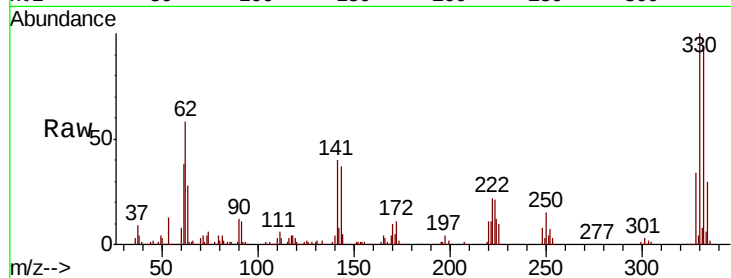
Tot Ion:330 Resp: 208130

Ion Ratio Lower Upper

330 100

332 95.2 75.7 113.5

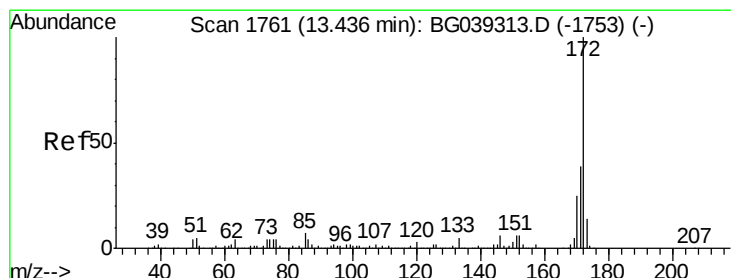
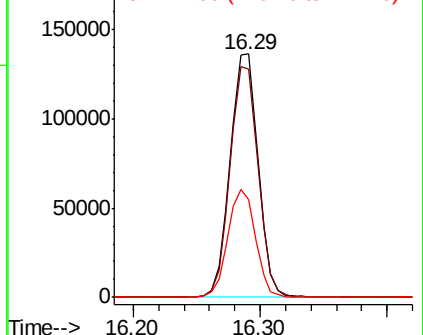
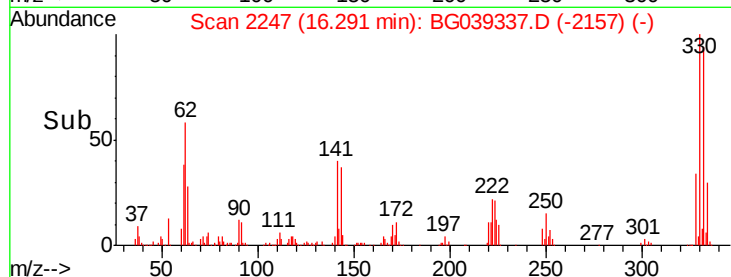
141 43.5 35.6 53.4



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: 91.380 ng

RT: 13.43 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG039337.D

Acq: 30 Jan 2019 21:11

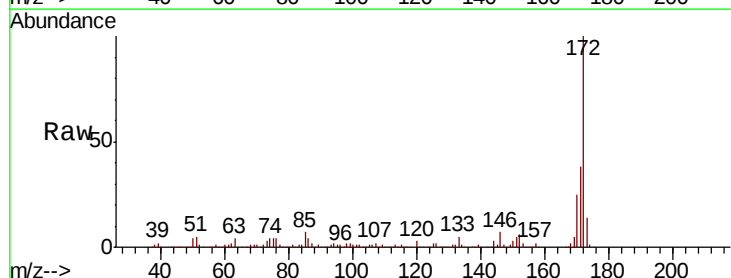
Tgt Ion:172 Resp: 818285

Ion Ratio Lower Upper

172 100

171 38.0 30.8 46.2

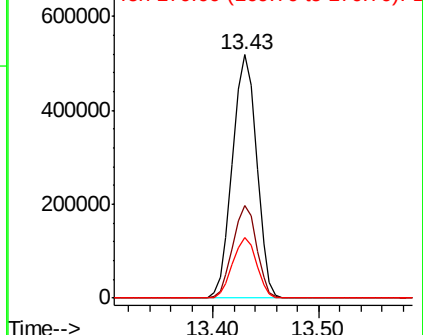
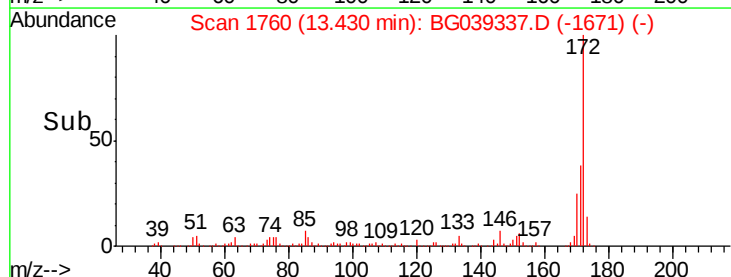
170 25.0 20.2 30.4

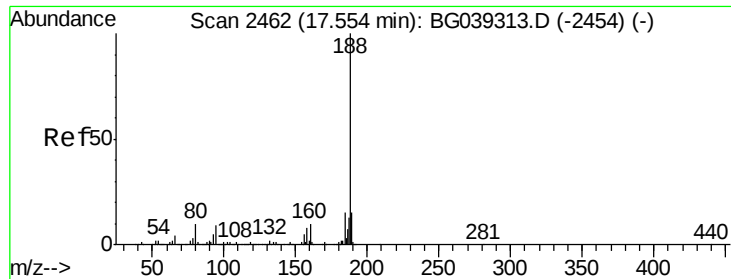


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039337.D

Acq: 30 Jan 2019 21:11

Instrument :

BNA_G

ClientSampleId :

TP-2

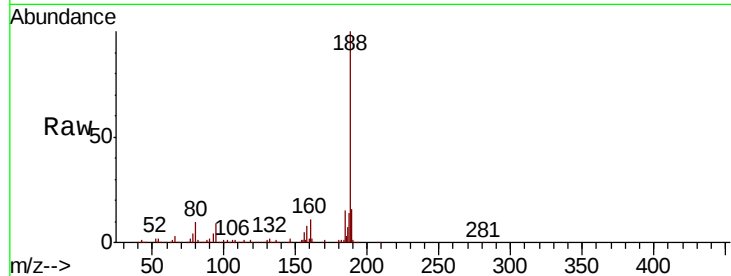
Tot Ion:188 Resp: 321080

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

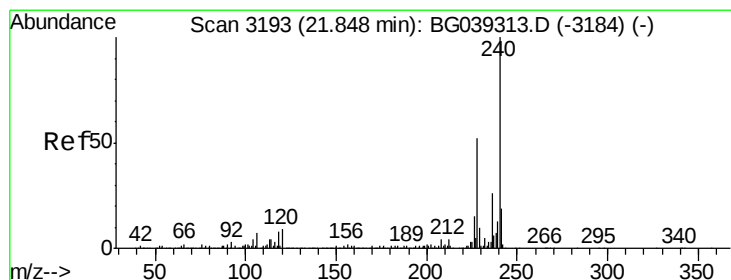
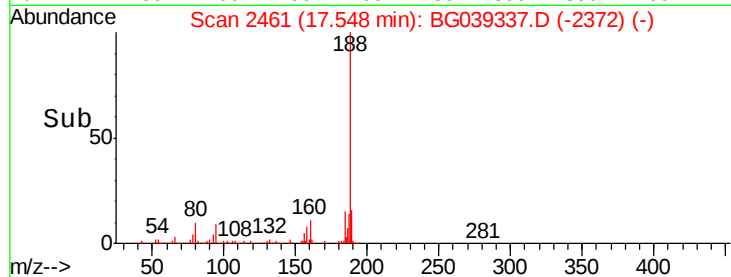
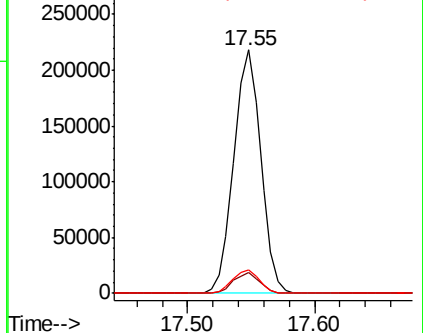
80 9.8 8.1 12.1



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: 21.84 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039337.D

Acq: 30 Jan 2019 21:11

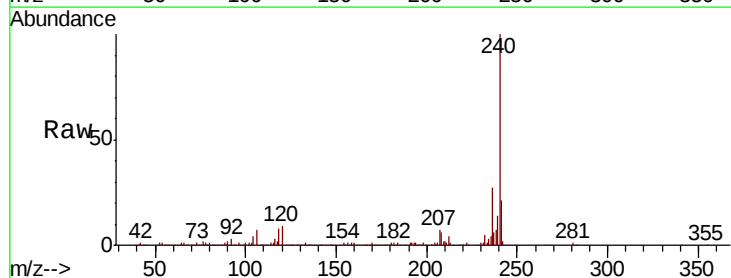
Tgt Ion:240 Resp: 343216

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

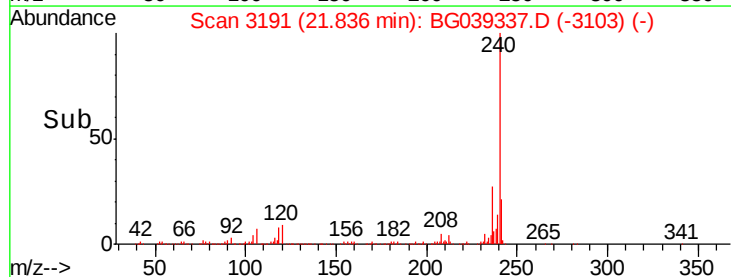
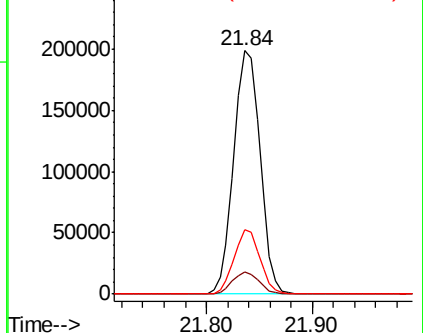
236 26.7 21.0 31.4

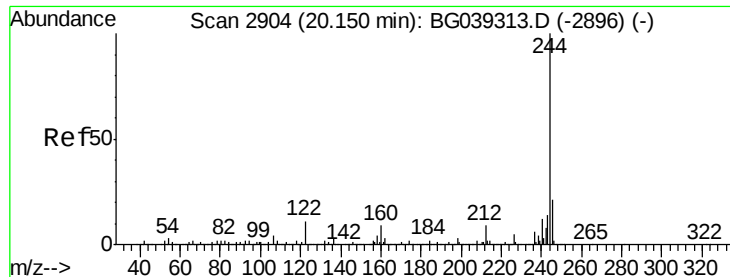


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.746 ng

RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039337.D

Acq: 30 Jan 2019 21:11

Instrument :

BNA_G

ClientSampleId :

TP-2

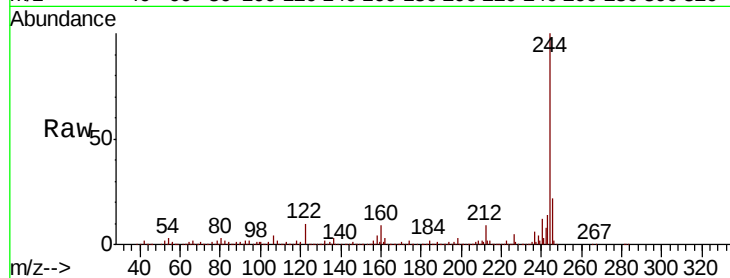
Tot Ion:244 Resp: 1390347

Ion Ratio Lower Upper

244 100

212 9.4 7.3 10.9

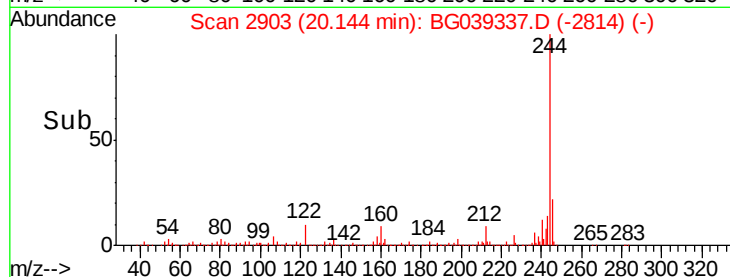
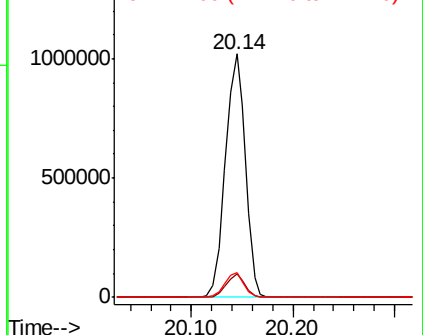
122 10.2 8.4 12.6



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: 25.23 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BG039337.D

Acq: 30 Jan 2019 21:11

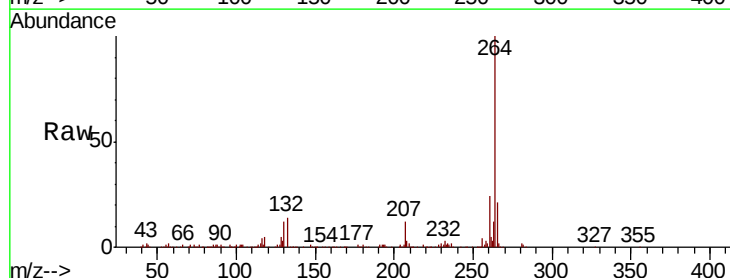
Tgt Ion:264 Resp: 340882

Ion Ratio Lower Upper

264 100

260 24.2 18.2 27.4

265 21.2 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

