

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022119\
 Data File : BG039584.D
 Acq On : 21 Feb 2019 23:23
 Operator : JU/SJ
 Sample : PB117266TB
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117266TB

Quant Time: Feb 22 00:47:47 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	8.17	152	45865	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	210944	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	146215	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	379488	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	383851	20.00	ng	-0.03
87) Perylene-d12	25.20	264	336628	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	409224	152.71	ng	0.00
7) Phenol-d6	7.32	99	596783	151.29	ng	0.00
23) Nitrobenzene-d5	9.34	82	342079	101.31	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	209936	133.34	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	879297	86.27	ng	-0.02
79) Terphenyl-d14	20.13	244	1479397	81.58	ng	-0.02

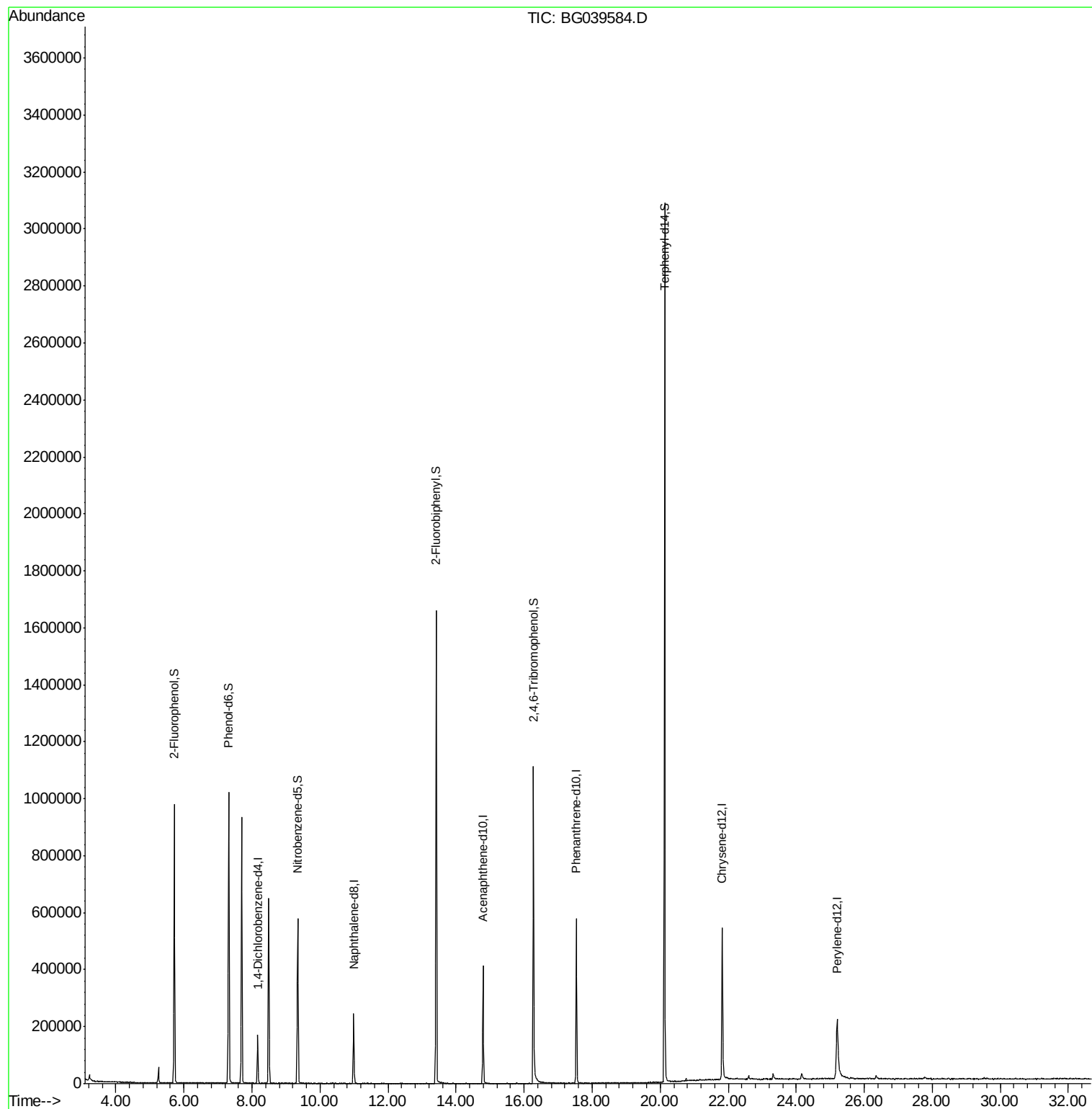
Target Compounds Qvalue

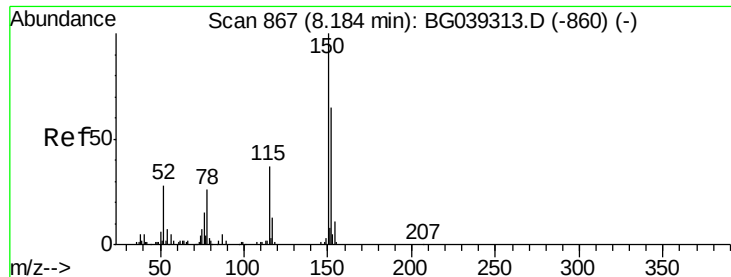
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022119\
Data File : BG039584.D
Acq On : 21 Feb 2019 23:23
Operator : JU/SJ
Sample : PB117266TB
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117266TB

Quant Time: Feb 22 00:47:47 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



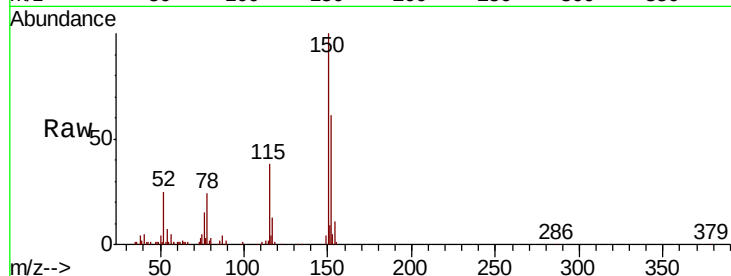


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039584.D
Acq: 21 Feb 2019 23:23

Instrument :
BNA_G
ClientSampleId :
PB117266TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.7	123.7	185.5
115	61.7	45.9	68.9

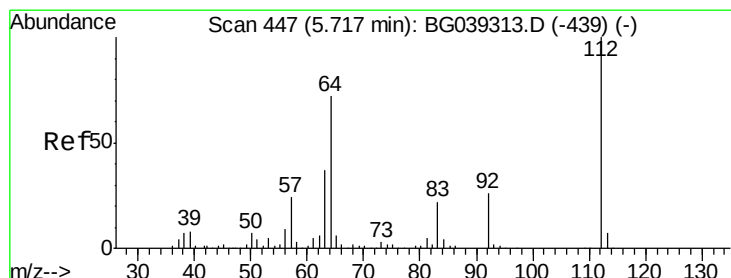
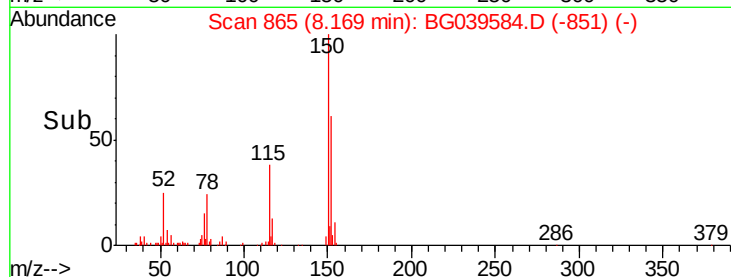
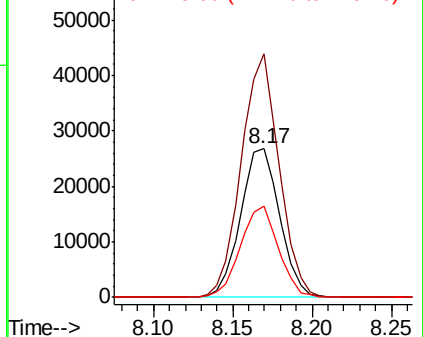


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

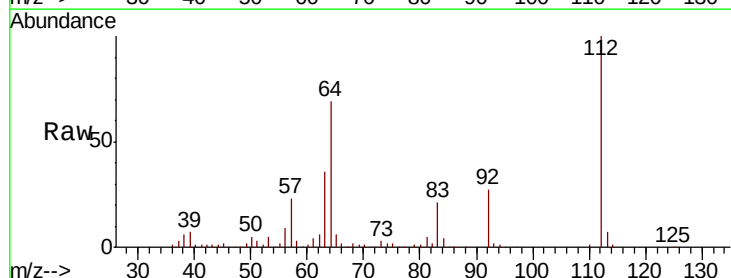
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 152.707 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039584.D
Acq: 21 Feb 2019 23:23

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.0	57.8	86.8
63	36.1	29.8	44.6

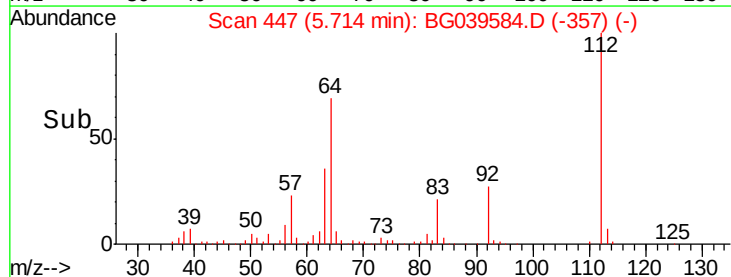
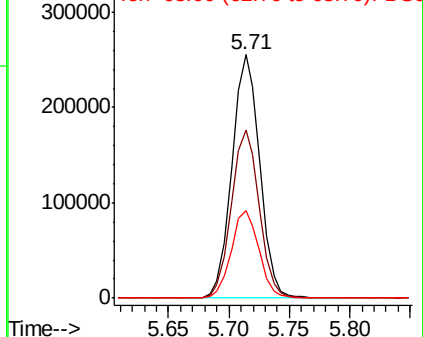


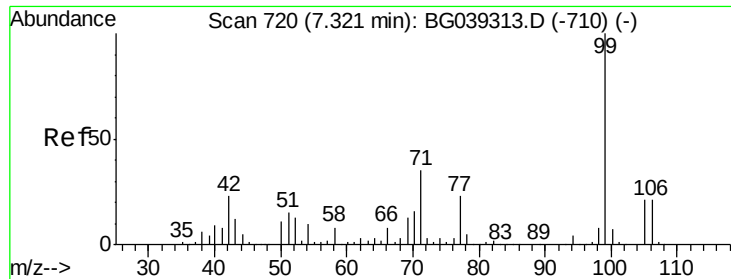
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 151.292 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039584.D

Acq: 21 Feb 2019 23:23

Instrument :

BNA_G

ClientSampleId :

PB117266TB

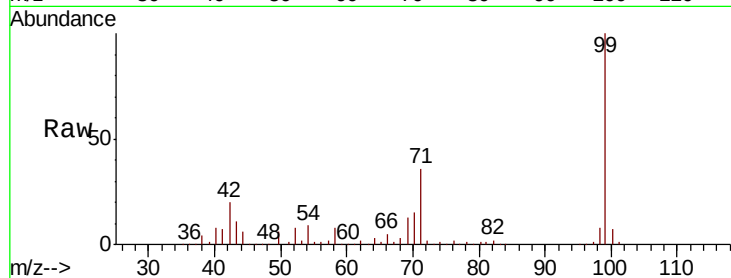
Tot Ion: 99 Resp: 596783

Ion Ratio Lower Upper

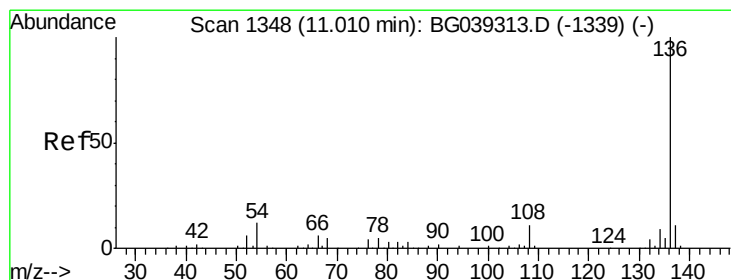
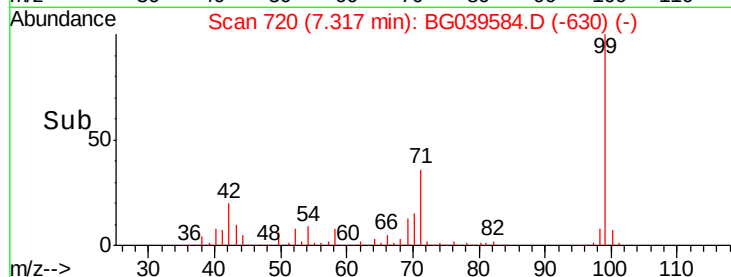
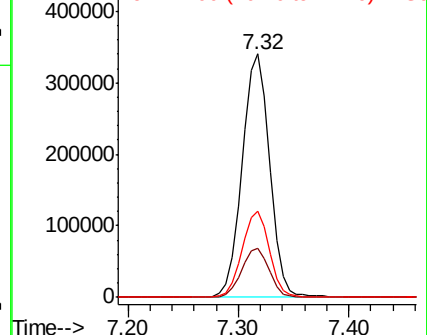
99 100

42 19.9 18.2 27.2

71 35.5 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: 10.99 min Scan# 1345

Delta R.T. -0.02 min

Lab File: BG039584.D

Acq: 21 Feb 2019 23:23

Tgt Ion: 136 Resp: 210944

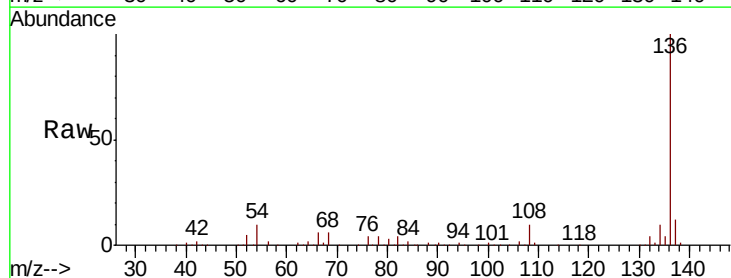
Ion Ratio Lower Upper

136 100

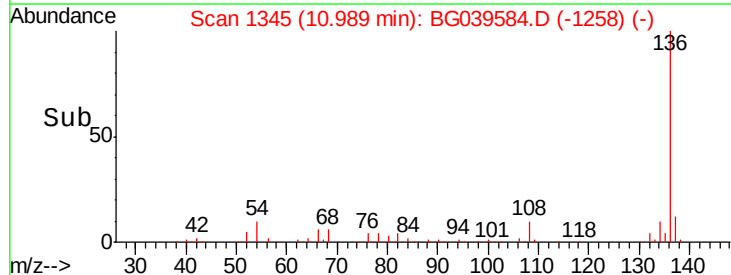
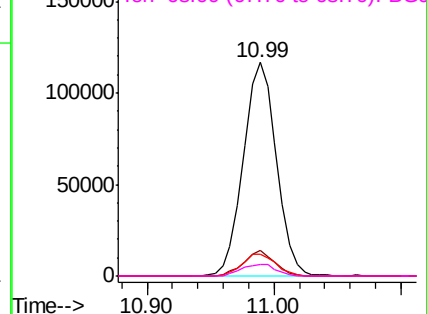
137 12.0 9.1 13.7

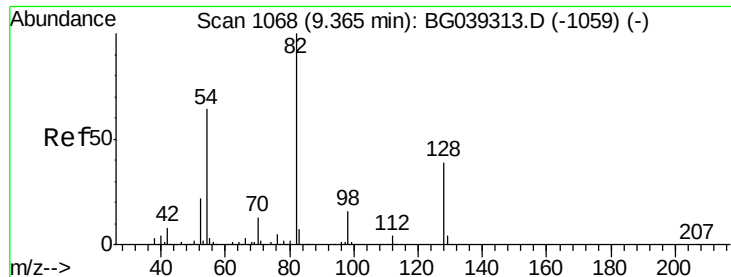
54 10.5 9.4 14.2

68 5.7 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

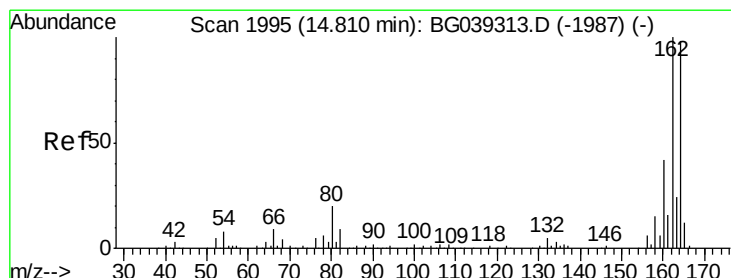
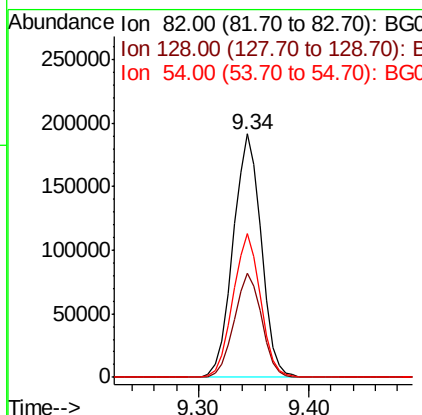
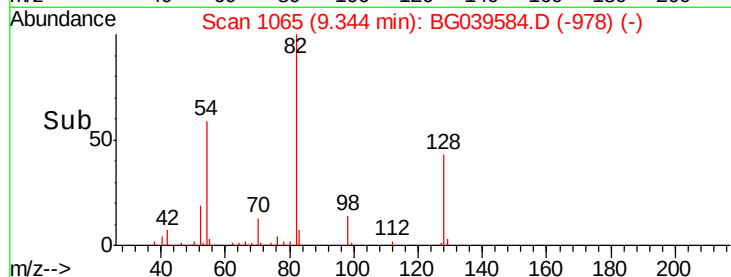
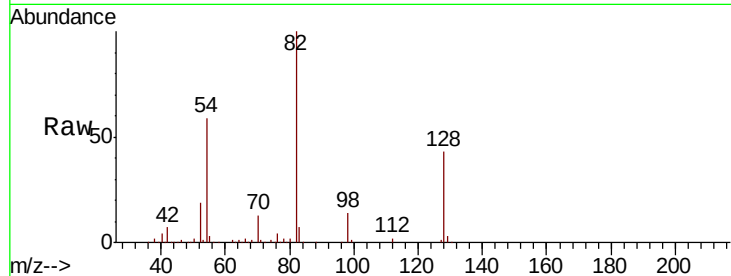




#23
Nitrobenzene-d5
Concen: 101.308 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039584.D
Acq: 21 Feb 2019 23:23

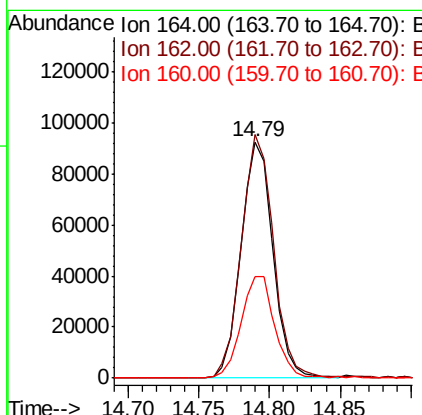
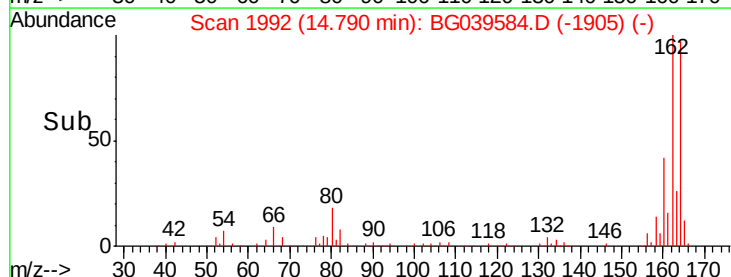
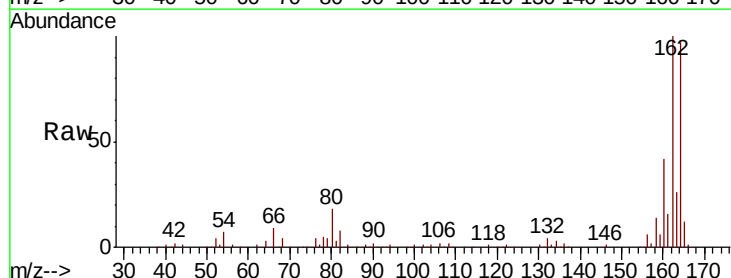
Instrument :
BNA_G
ClientSampleId :
PB117266TB

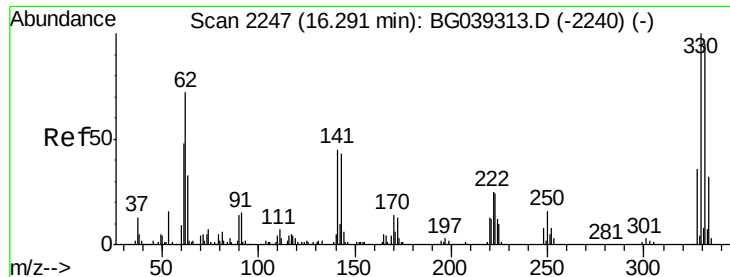
Tot Ion: 82 Resp: 342079
Ion Ratio Lower Upper
82 100
128 43.0 31.3 46.9
54 59.1 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039584.D
Acq: 21 Feb 2019 23:23

Tgt Ion:164 Resp: 146215
Ion Ratio Lower Upper
164 100
162 103.1 81.6 122.4
160 43.1 34.2 51.2

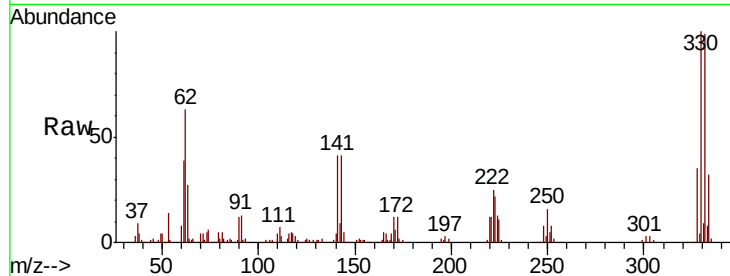




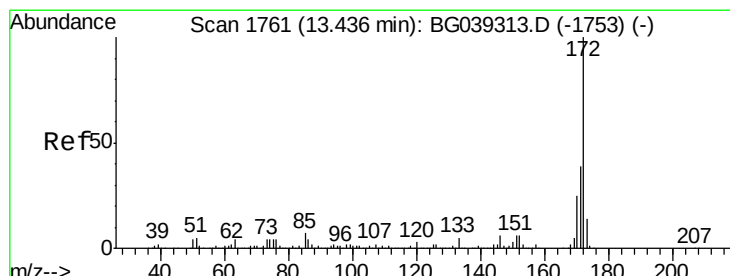
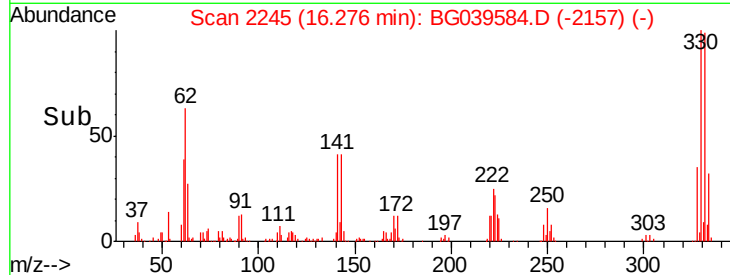
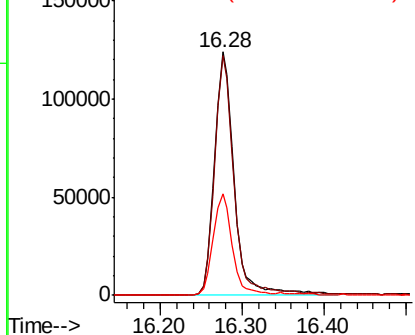
#42
 2,4,6-Tribromophenol
 Concen: 133.336 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039584.D
 Acq: 21 Feb 2019 23:23

Instrument :
 BNA_G
 ClientSampleId :
 PB117266TB

Tot Ion:330 Resp: 209936
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.7 113.5
 141 40.3 35.6 53.4

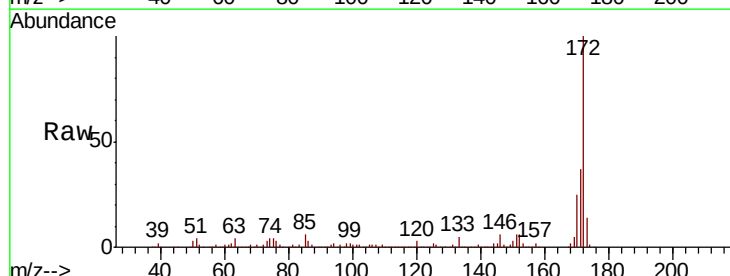


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

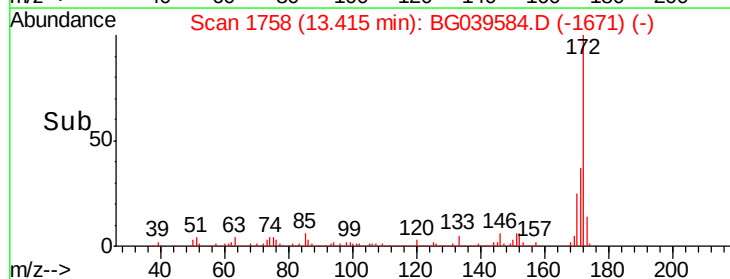
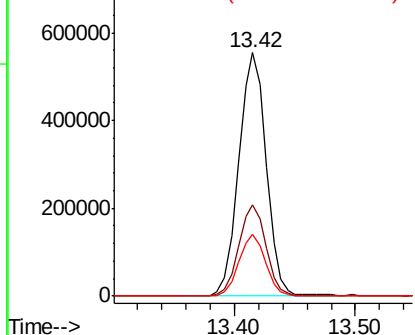


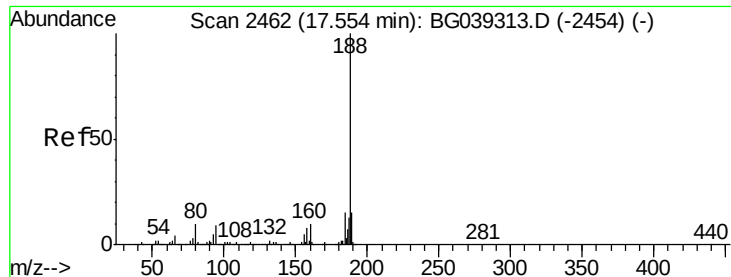
#45
 2-Fluorobiphenyl
 Concen: 86.270 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039584.D
 Acq: 21 Feb 2019 23:23

Tgt Ion:172 Resp: 879297
 Ion Ratio Lower Upper
 172 100
 171 37.3 30.8 46.2
 170 25.2 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. -0.02 min

Lab File: BG039584.D

Acq: 21 Feb 2019 23:23

Instrument :

BNA_G

ClientSampleId :

PB117266TB

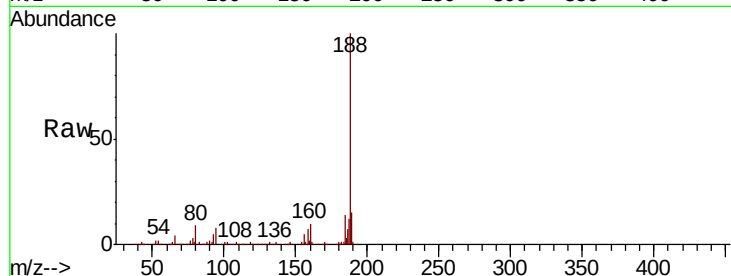
Tot Ion:188 Resp: 379488

Ion Ratio Lower Upper

188 100

94 7.9 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

300000

250000

200000

150000

100000

50000

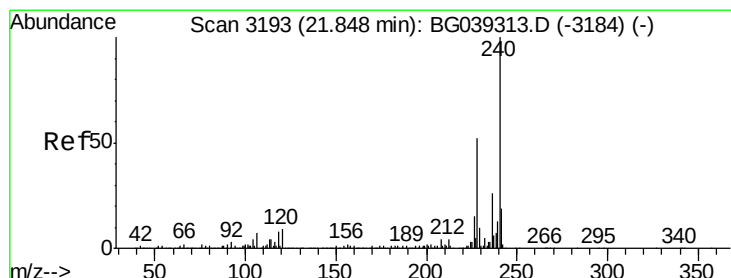
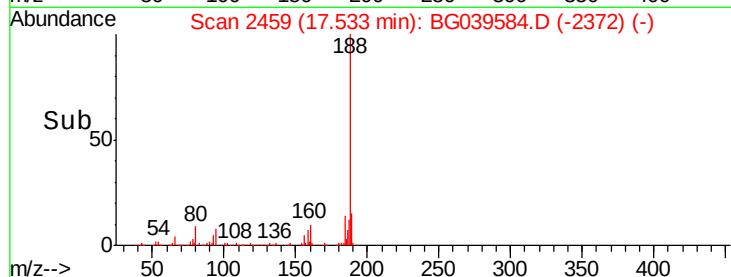
0

17.53

17.50

17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039584.D

Acq: 21 Feb 2019 23:23

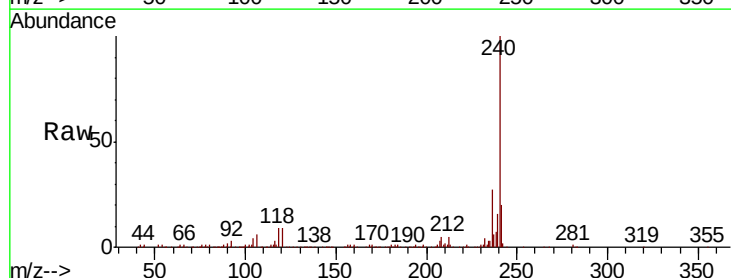
Tgt Ion:240 Resp: 383851

Ion Ratio Lower Upper

240 100

120 8.9 7.0 10.6

236 27.0 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

250000

200000

150000

100000

50000

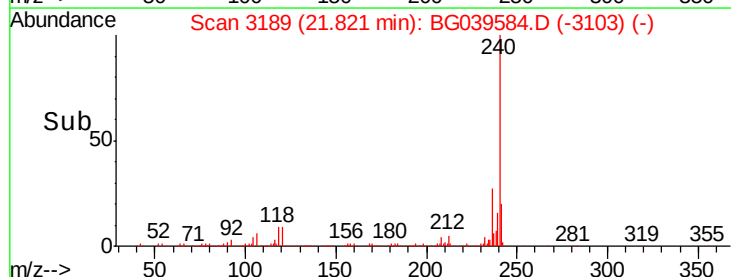
0

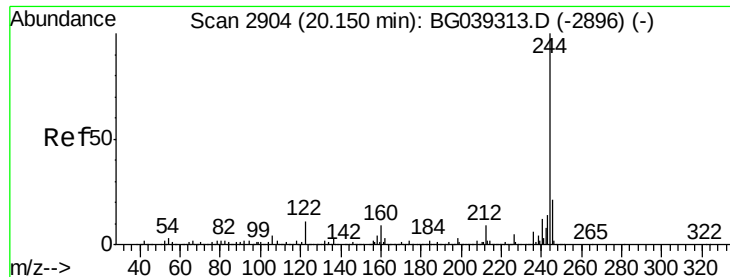
21.82

21.70

21.90

Time-->





#79

Terphenyl-d14

Concen: 81.579 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039584.D

Acq: 21 Feb 2019 23:23

Instrument :

BNA_G

ClientSampleId :

PB117266TB

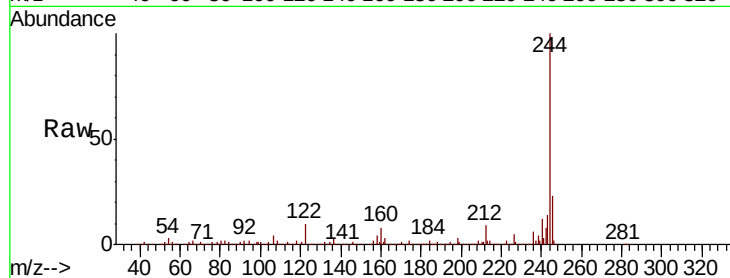
Tot Ion:244 Resp: 1479397

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

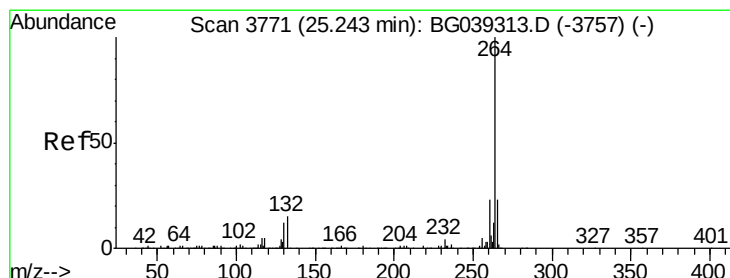
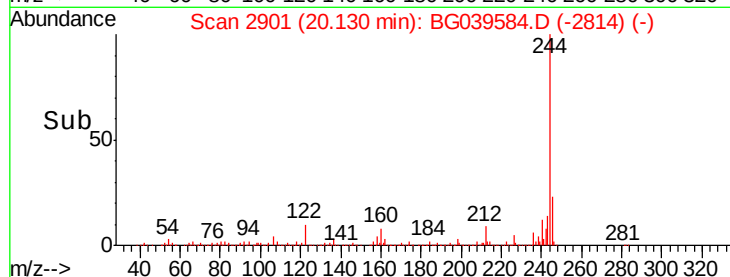
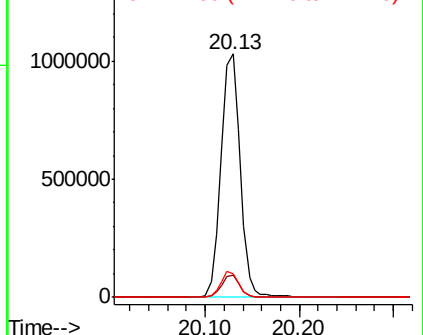
122 9.7 8.4 12.6



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: 25.20 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039584.D

Acq: 21 Feb 2019 23:23

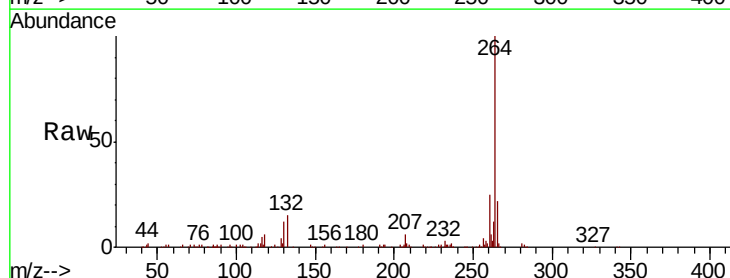
Tgt Ion:264 Resp: 336628

Ion Ratio Lower Upper

264 100

260 25.1 18.2 27.4

265 22.4 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

