

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
 Data File : BG039557.D
 Acq On : 19 Feb 2019 16:25
 Operator : JU/SJ
 Sample : K1518-18
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-MH-C02

Quant Time: Feb 20 00:07:28 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	47704	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	204562	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	141980	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	363742	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	367931	20.00	ng	-0.03
87) Perylene-d12	25.20	264	341694	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	343897	123.38	ng	0.00
7) Phenol-d6	7.31	99	444130	108.25	ng	0.00
23) Nitrobenzene-d5	9.34	82	354484	108.26	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	229085	149.84	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	854931	86.38	ng	-0.02
79) Terphenyl-d14	20.13	244	1448805	83.35	ng	-0.02

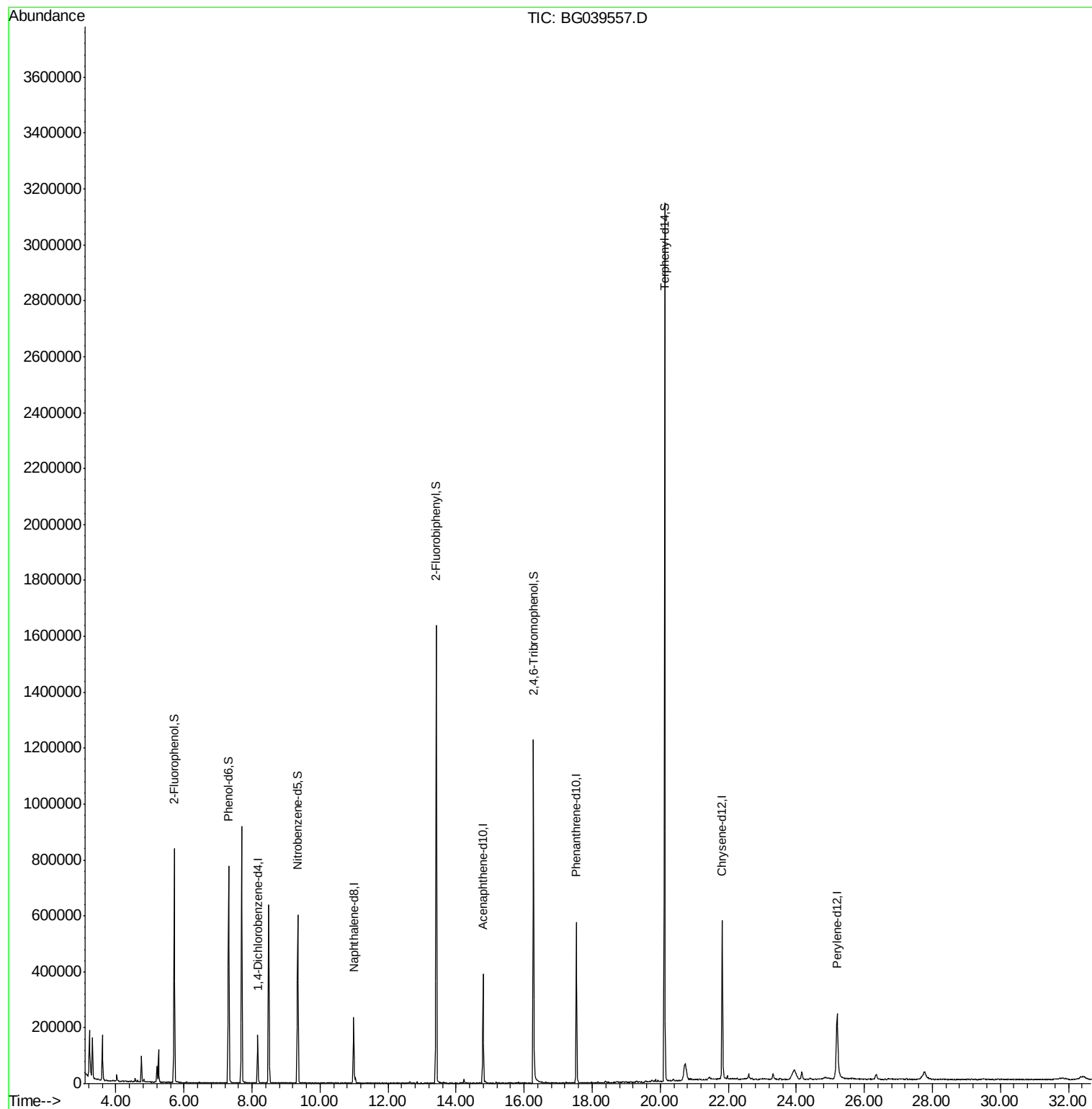
Target Compounds Qvalue

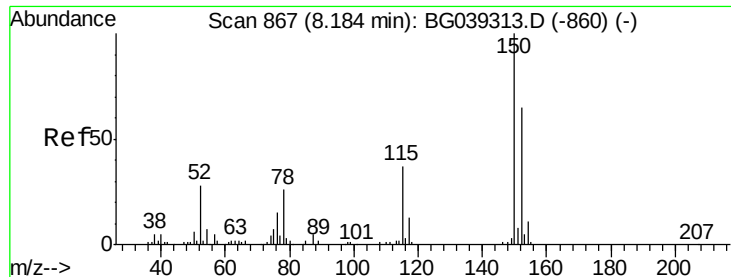
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039557.D
Acq On : 19 Feb 2019 16:25
Operator : JU/SJ
Sample : K1518-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-MH-C02

Quant Time: Feb 20 00:07:28 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



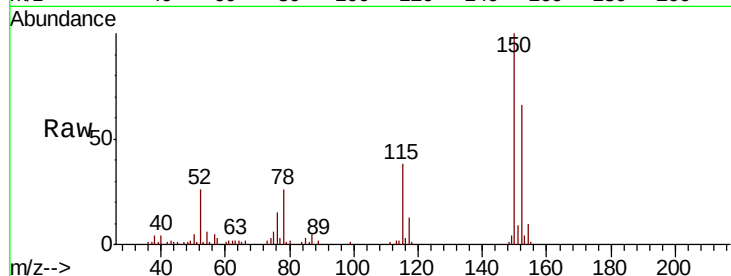


#1

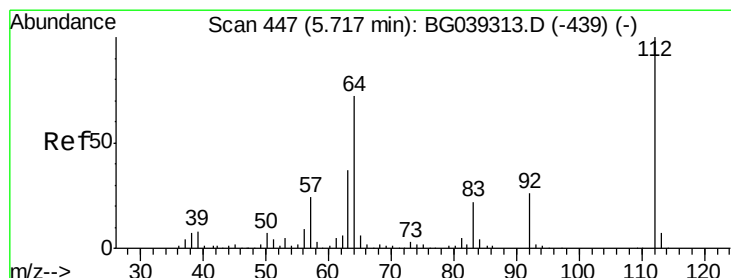
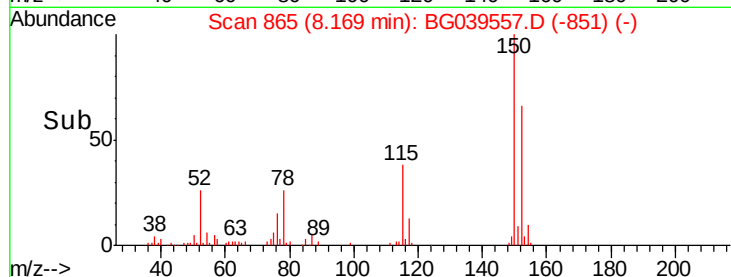
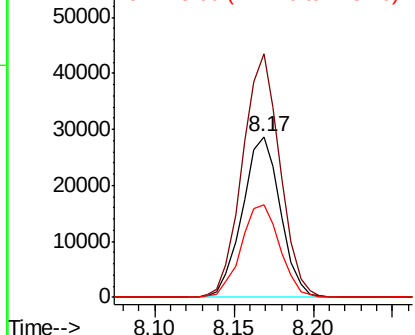
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039557.D
Acq: 19 Feb 2019 16:25

Instrument :
BNA_G
ClientSampleId :
TP-MH-C02

Tot Ion:152 Resp: 47704
Ion Ratio Lower Upper
152 100
150 151.3 123.7 185.5
115 57.9 45.9 68.9



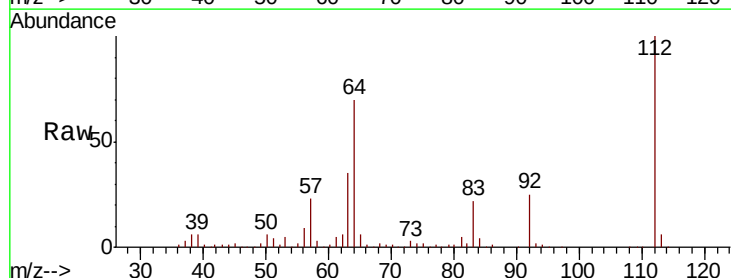
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



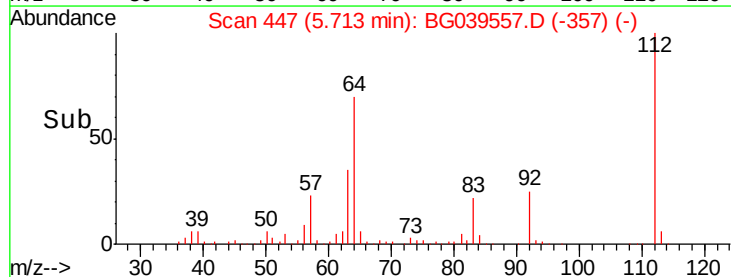
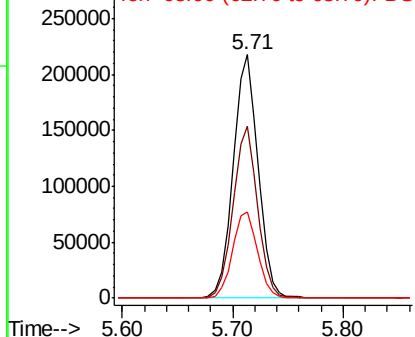
#5

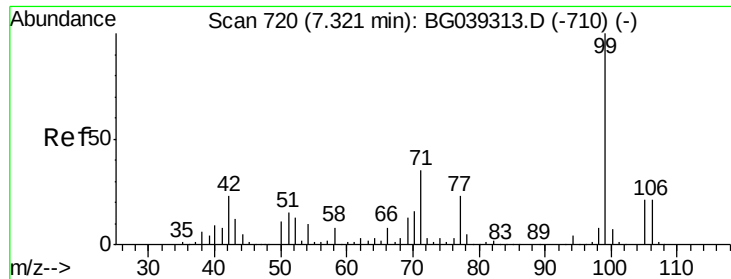
2-Fluorophenol
Concen: 123.382 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039557.D
Acq: 19 Feb 2019 16:25

Tgt Ion:112 Resp: 343897
Ion Ratio Lower Upper
112 100
64 70.4 57.8 86.8
63 35.3 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: 108.252 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039557.D

Acq: 19 Feb 2019 16:25

Instrument :

BNA_G

ClientSampleId :

TP-MH-C02

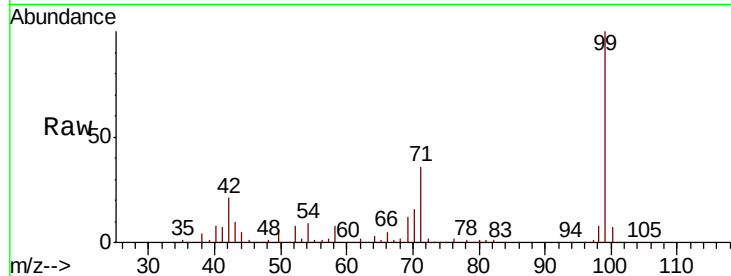
Tot Ion: 99 Resp: 444130

Ion Ratio Lower Upper

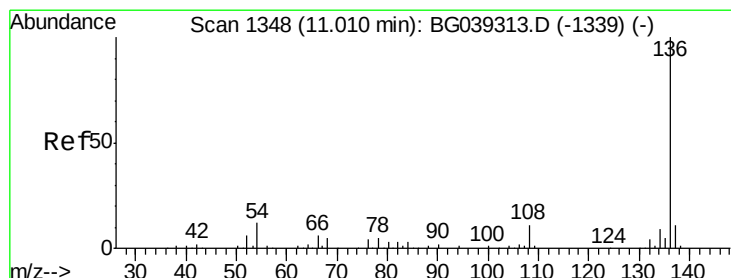
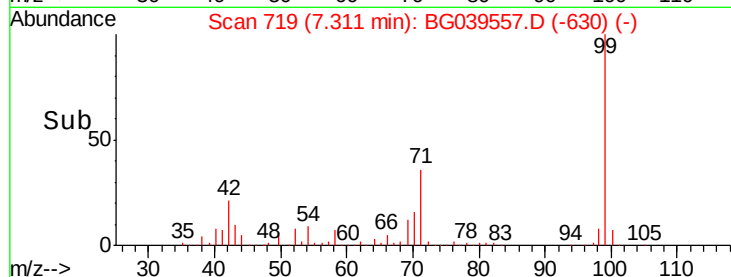
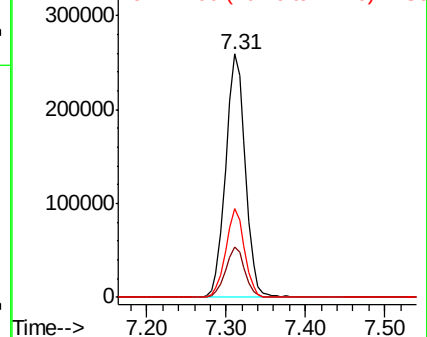
99 100

42 20.8 18.2 27.2

71 36.2 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: BG039557.D

Acq: 19 Feb 2019 16:25

Tgt Ion: 136 Resp: 204562

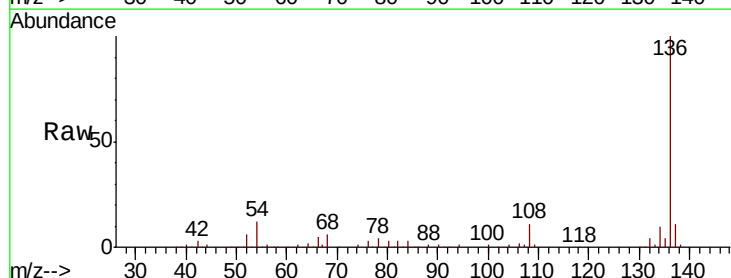
Ion Ratio Lower Upper

136 100

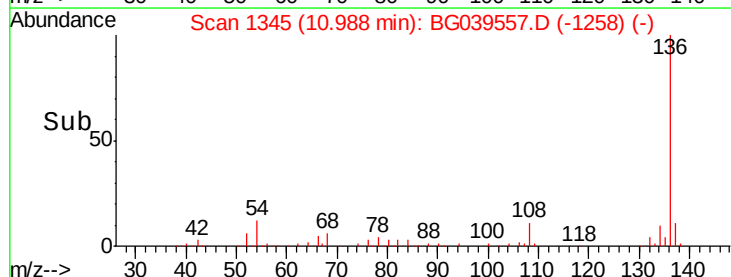
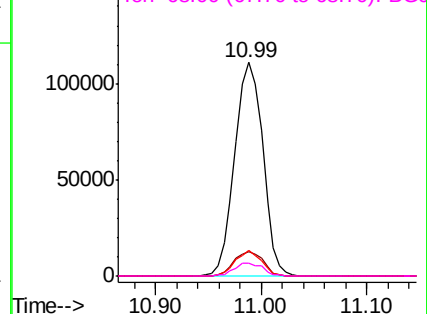
137 11.2 9.1 13.7

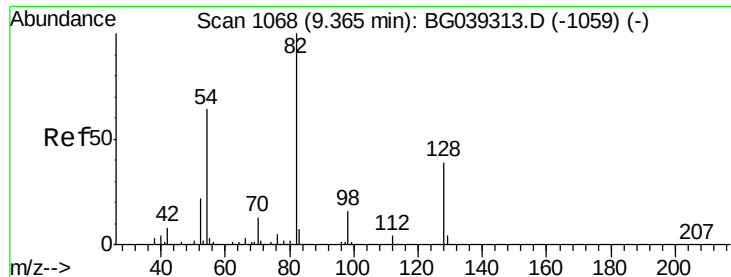
54 11.9 9.4 14.2

68 6.2 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

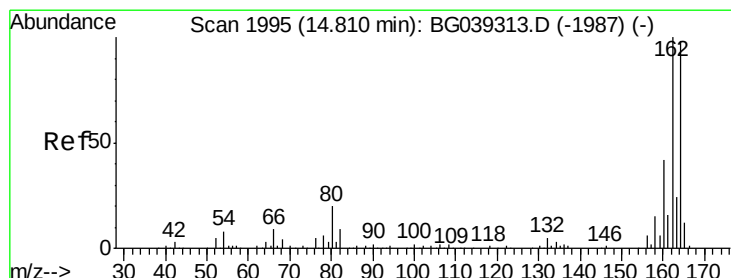
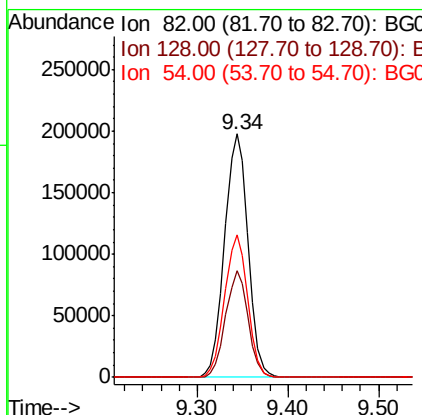
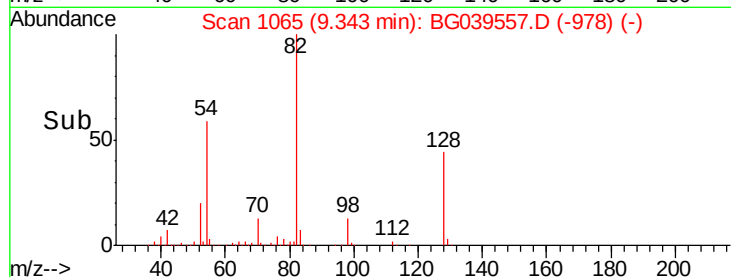
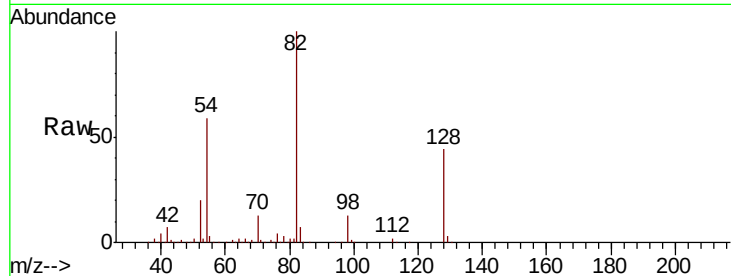




#23
Nitrobenzene-d5
Concen: 108.257 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039557.D
Acq: 19 Feb 2019 16:25

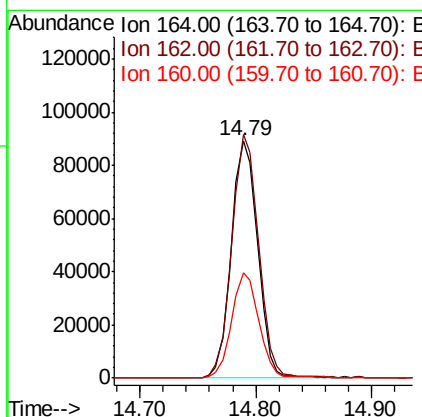
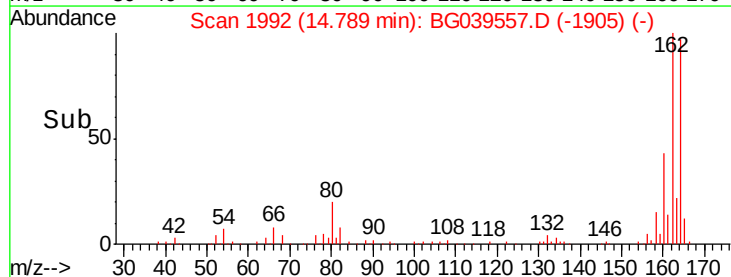
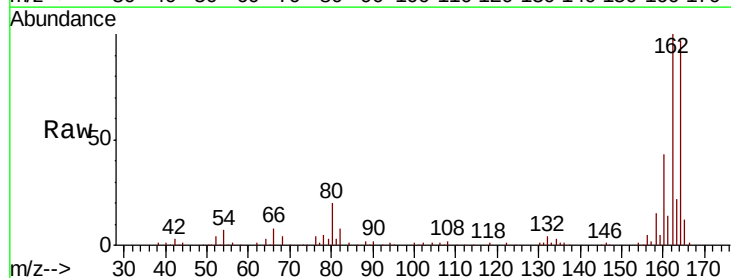
Instrument :
BNA_G
ClientSampleId :
TP-MH-C02

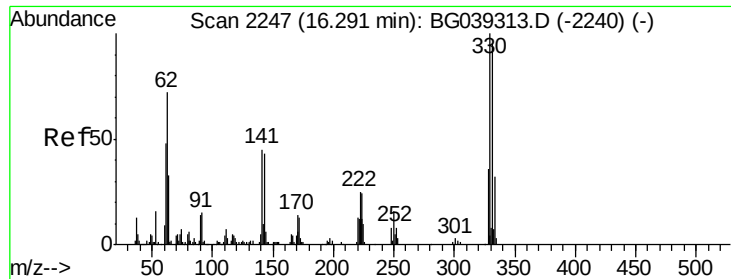
Tot Ion: 82 Resp: 354484
Ion Ratio Lower Upper
82 100
128 43.6 31.3 46.9
54 58.6 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039557.D
Acq: 19 Feb 2019 16:25

Tgt Ion: 164 Resp: 141980
Ion Ratio Lower Upper
164 100
162 102.6 81.6 122.4
160 44.3 34.2 51.2

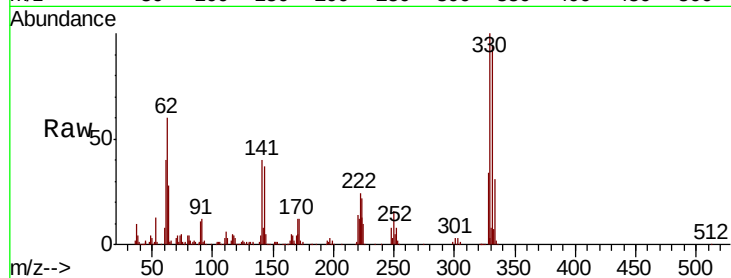




#42
2,4,6-Tribromophenol
Concen: 149.838 ng
RT: 16.28 min Scan# 2245
Delta R.T. -0.02 min
Lab File: BG039557.D
Acq: 19 Feb 2019 16:25

Instrument :
BNA_G
ClientSampleId :
TP-MH-C02

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	75.7	113.5
141	41.7	35.6	53.4

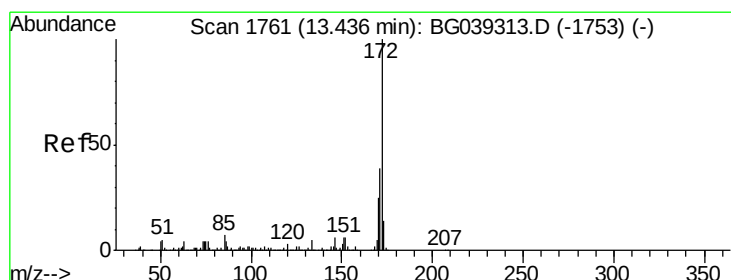
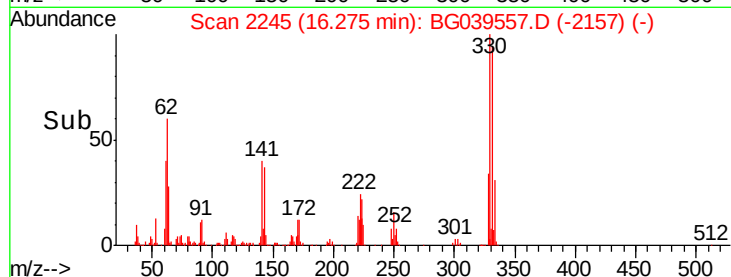
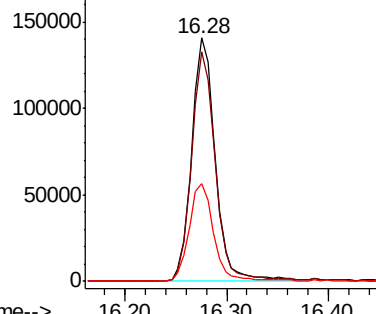


Abundance

Ion 329.80 (329.50 to 330.50): E

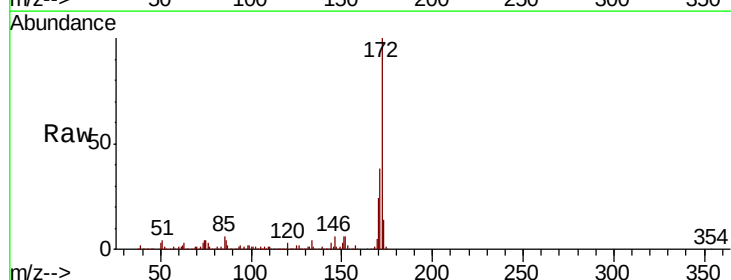
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 86.381 ng
RT: 13.41 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039557.D
Acq: 19 Feb 2019 16:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.8	46.2
170	24.2	20.2	30.4

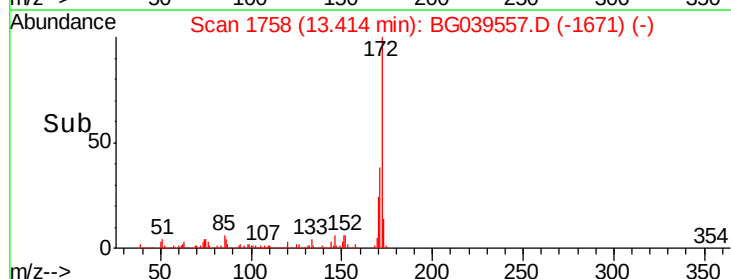
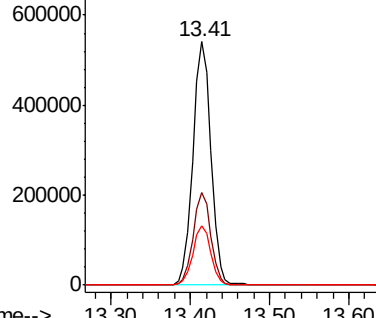


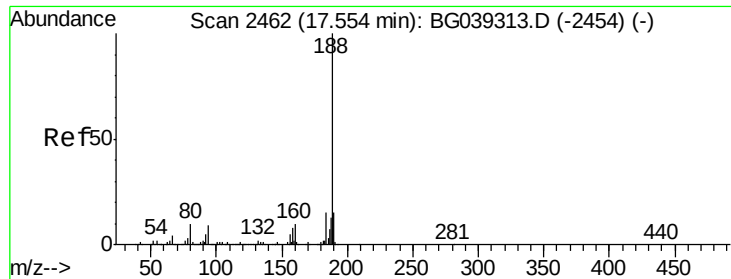
Abundance

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: BG039557.D

Acq: 19 Feb 2019 16:25

Instrument :

BNA_G

ClientSampleId :

TP-MH-C02

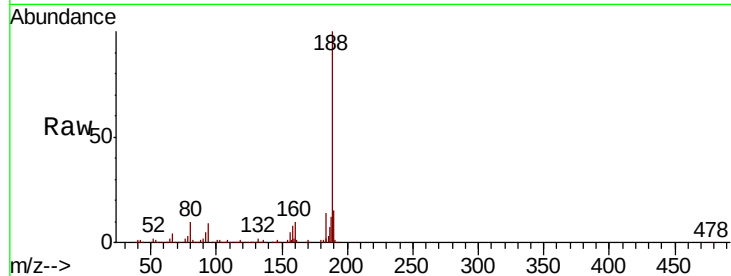
Tot Ion:188 Resp: 363742

Ion Ratio Lower Upper

188 100

94 8.9 6.9 10.3

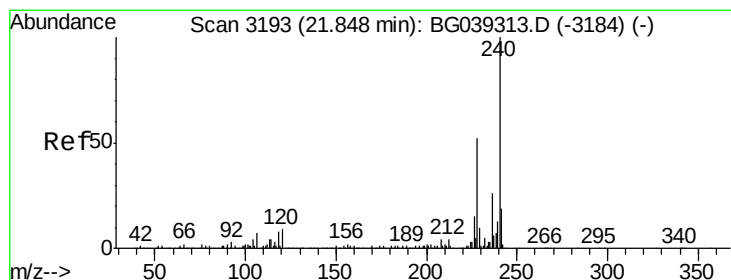
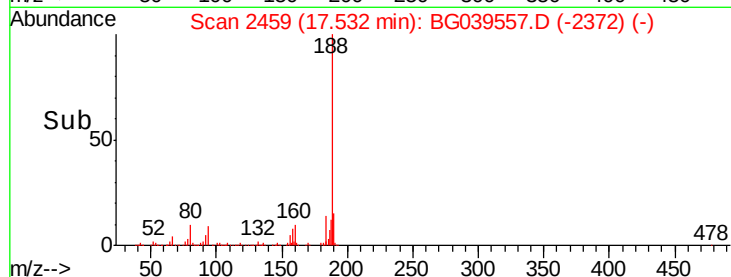
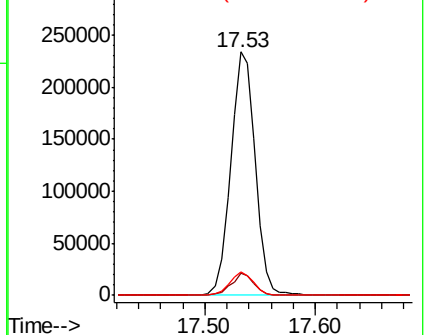
80 9.6 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.03 min

Lab File: BG039557.D

Acq: 19 Feb 2019 16:25

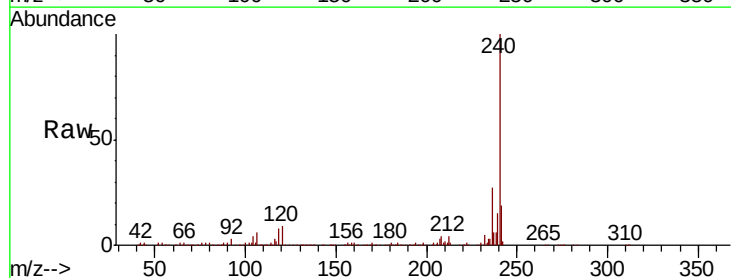
Tgt Ion:240 Resp: 367931

Ion Ratio Lower Upper

240 100

120 9.3 7.0 10.6

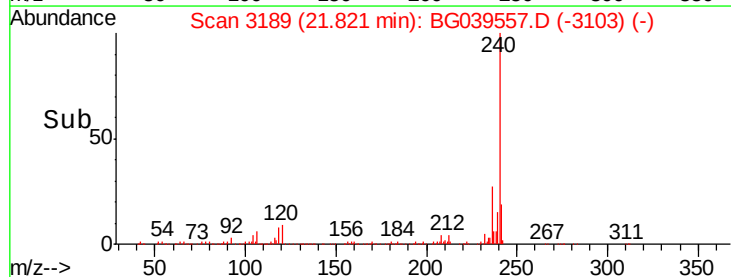
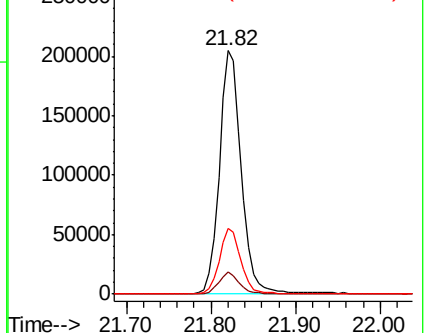
236 26.9 21.0 31.4

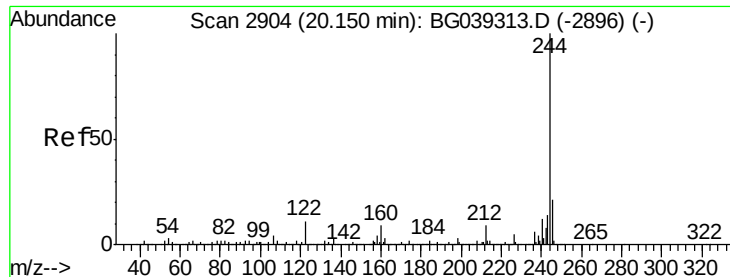


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 83.349 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039557.D

Acq: 19 Feb 2019 16:25

Instrument :

BNA_G

ClientSampled :

TP-MH-C02

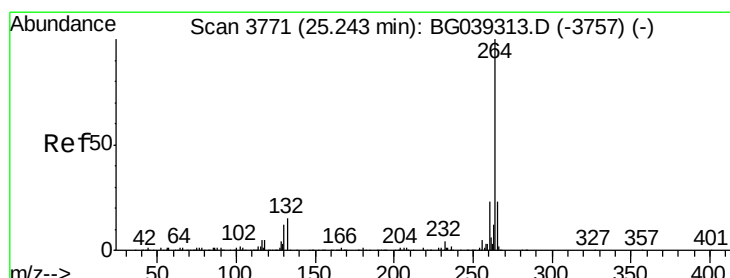
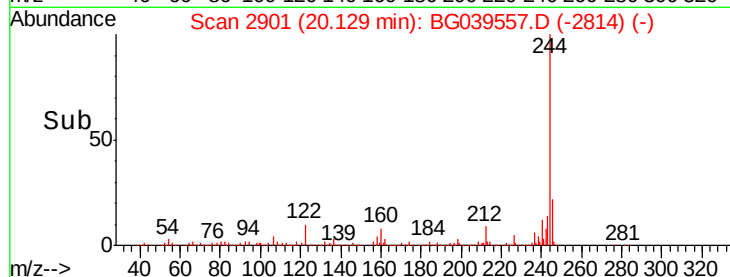
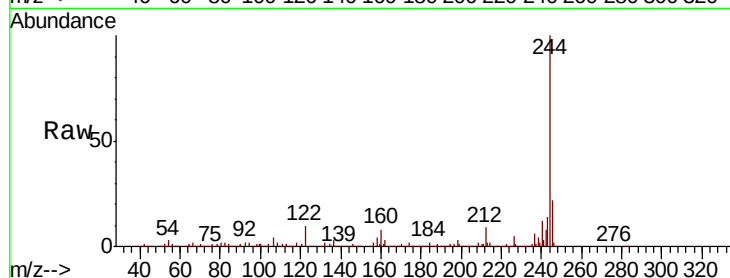
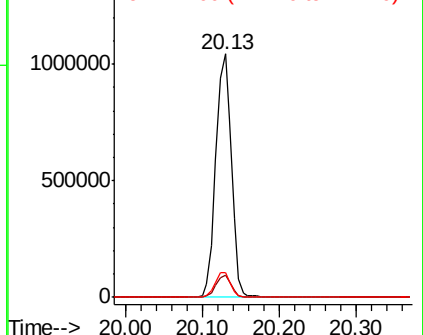
Tot Ion:244 Resp: 1448805

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	10.4	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# 3764

Delta R.T. -0.04 min

Lab File: BG039557.D

Acq: 19 Feb 2019 16:25

Tgt Ion:264 Resp: 341694

Ion	Ratio	Lower	Upper
264	100		
260	24.3	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

