

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
 Data File : BG039558.D
 Acq On : 19 Feb 2019 17:04
 Operator : JU/SJ
 Sample : K1518-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-MH-C05

Quant Time: Feb 20 00:09:02 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	48077	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	210281	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	148809	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	367319	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	371358	20.00	ng	-0.03
87) Perylene-d12	25.20	264	331931	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	368476	131.17	ng	0.00
7) Phenol-d6	7.31	99	478876	115.82	ng	0.00
23) Nitrobenzene-d5	9.35	82	369514	109.78	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	237109	147.97	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	904284	87.17	ng	-0.02
79) Terphenyl-d14	20.12	244	1472872	83.95	ng	-0.03

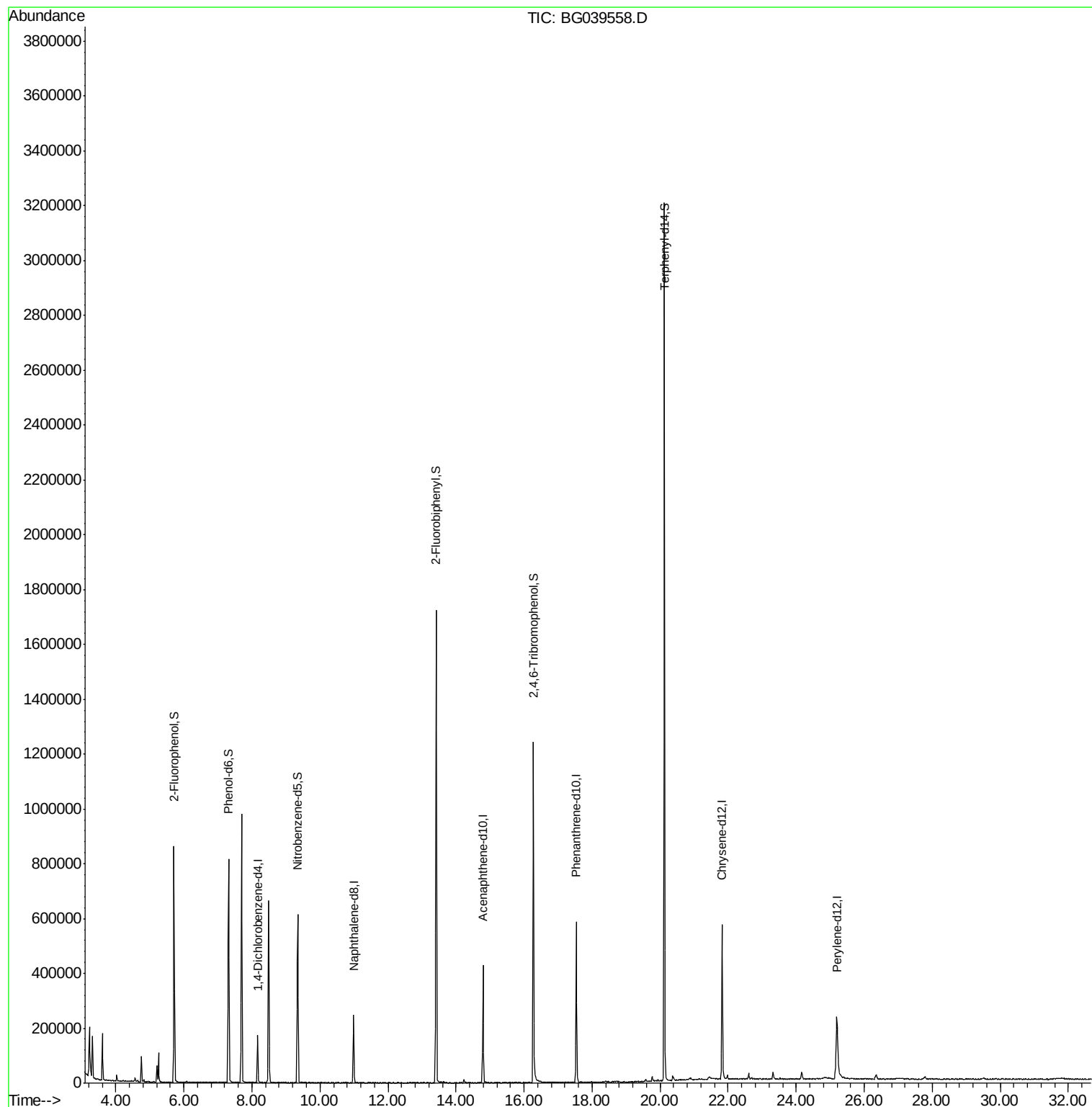
Target Compounds Qvalue

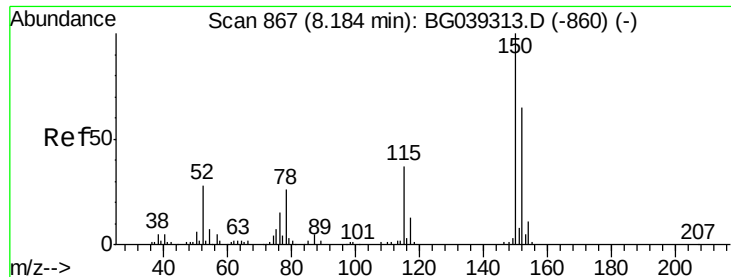
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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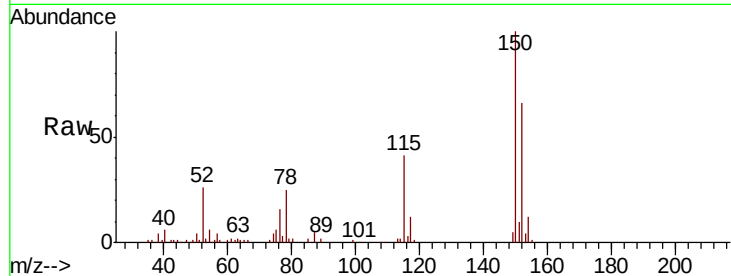


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Instrument :
BNA_G
ClientSampleId :
TP-MH-C05

Tot Ion	152	Resp	48077
Ion Ratio	Lower	Upper	
152	100		
150	151.6	123.7	185.5
115	61.5	45.9	68.9

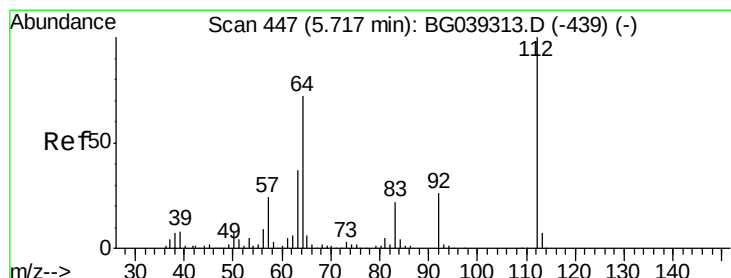
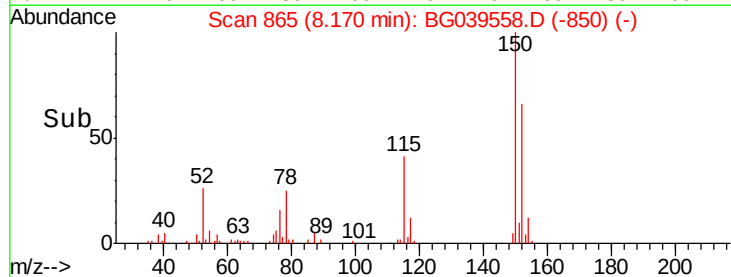
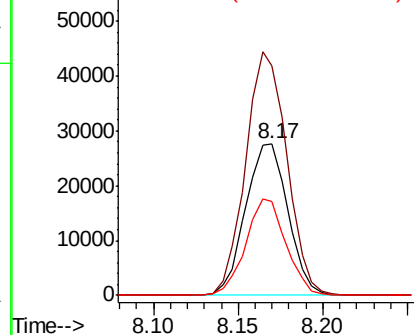


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

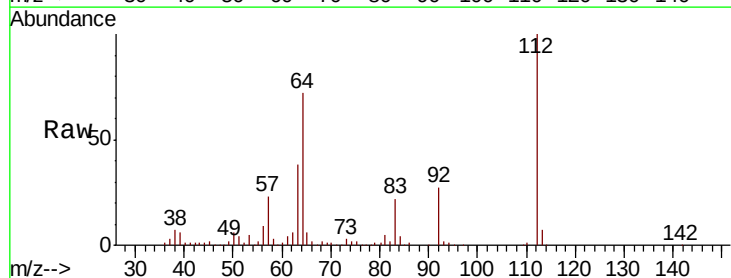
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 131.175 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Tgt Ion	112	Resp	368476
Ion Ratio	Lower	Upper	
112	100		
64	72.2	57.8	86.8
63	37.8	29.8	44.6

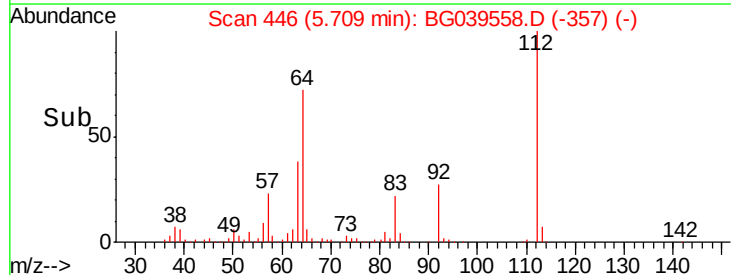
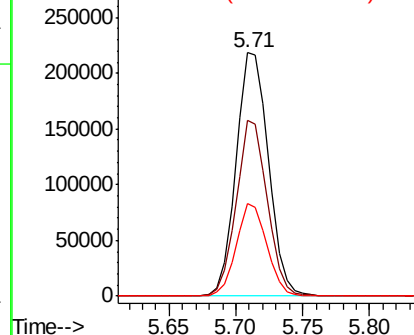


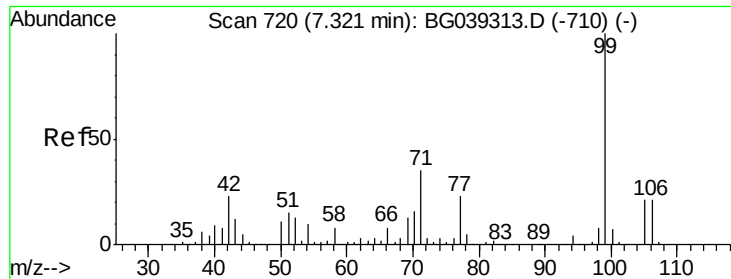
Abundance

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: 115.815 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039558.D

Acq: 19 Feb 2019 17:04

Instrument :

BNA_G

ClientSampleId :

TP-MH-C05

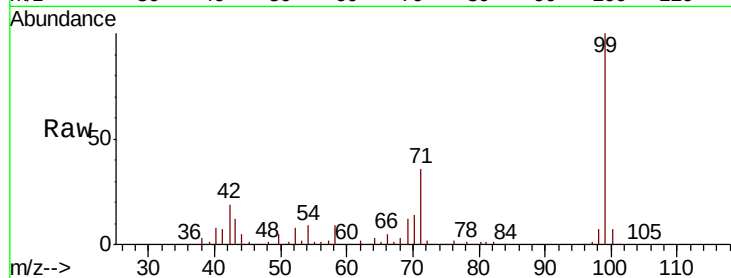
Tot Ion: 99 Resp: 478876

Ion Ratio Lower Upper

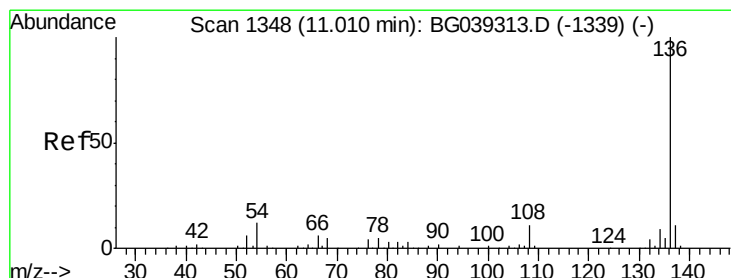
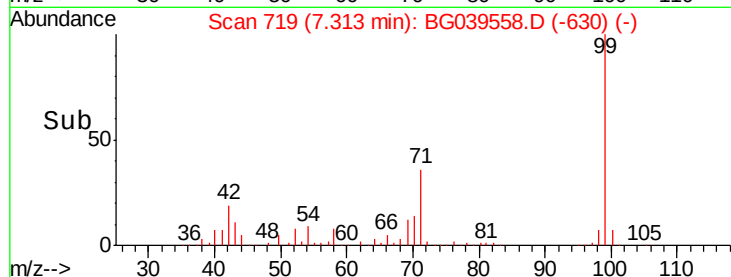
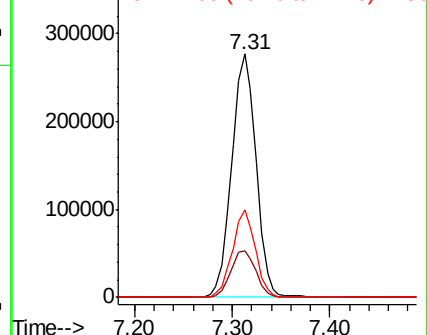
99 100

42 19.3 18.2 27.2

71 35.8 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: BG039558.D

Acq: 19 Feb 2019 17:04

Tgt Ion: 136 Resp: 210281

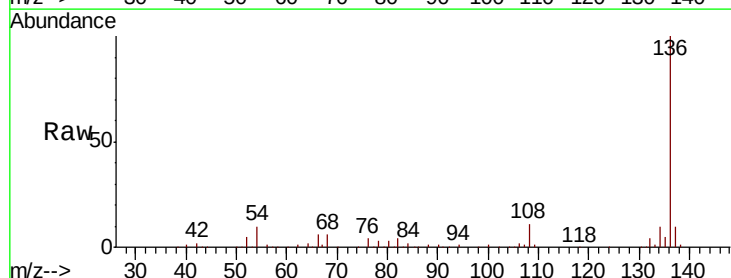
Ion Ratio Lower Upper

136 100

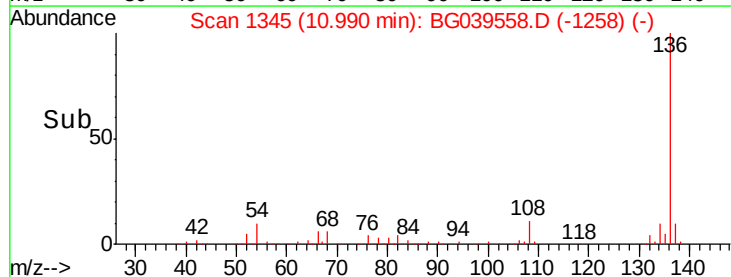
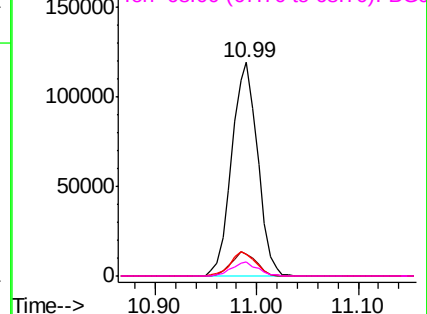
137 10.3 9.1 13.7

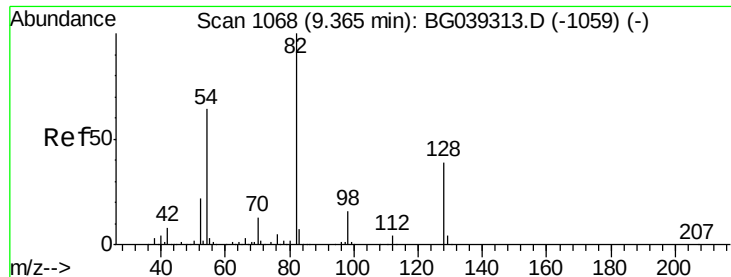
54 10.0 9.4 14.2

68 6.4 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

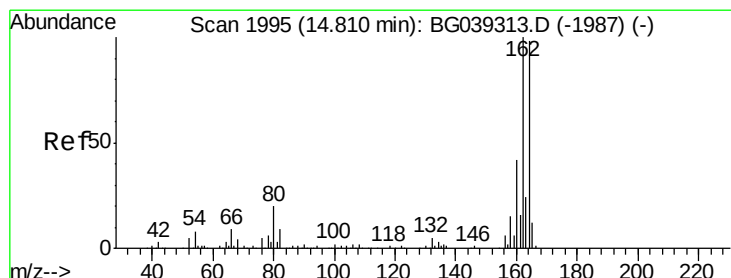
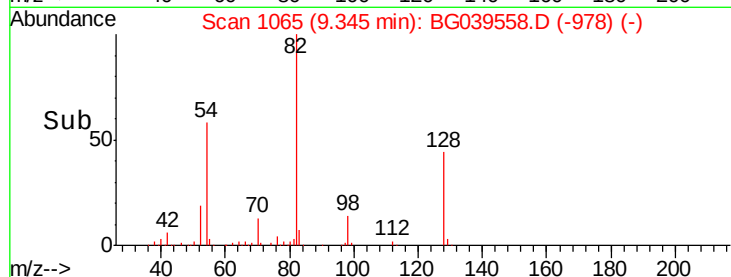
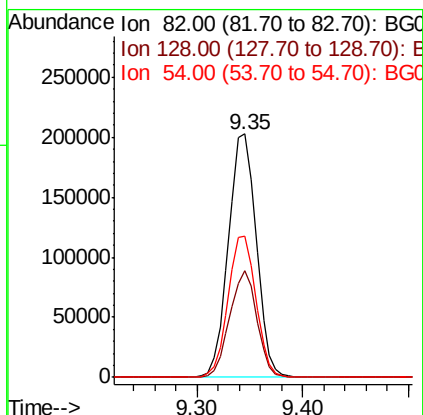
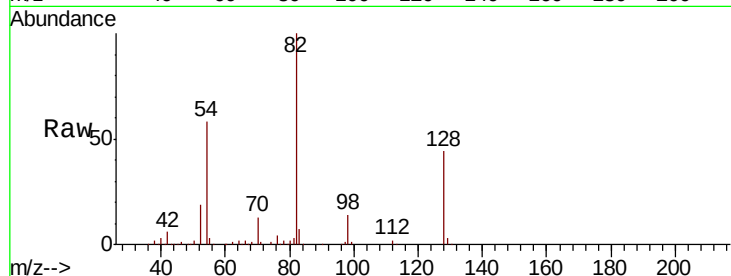




#23
Nitrobenzene-d5
Concen: 109.778 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

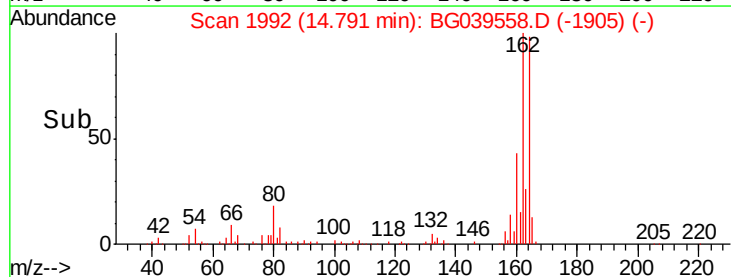
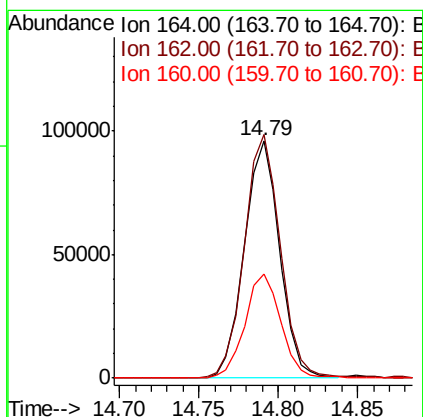
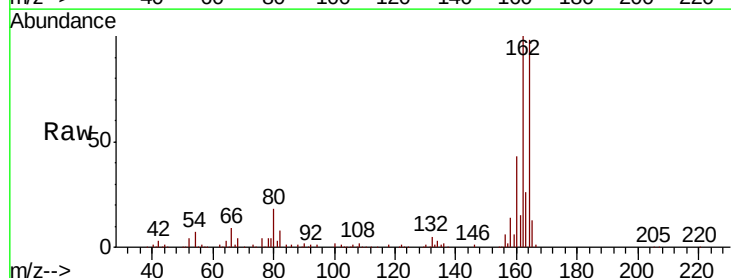
Instrument :
BNA_G
ClientSampleId :
TP-MH-C05

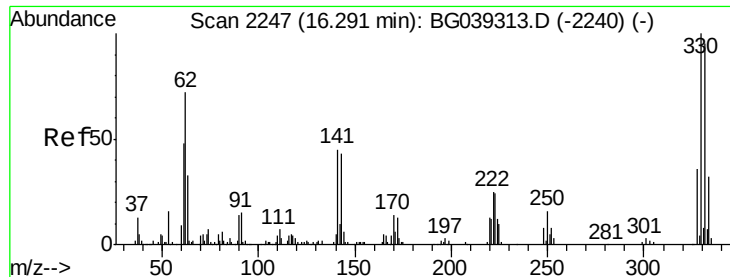
Tot Ion	82	Resp	369514
Ion Ratio	100	Lower	Upper
128	43.6	31.3	46.9
54	57.9	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039558.D
Acq: 19 Feb 2019 17:04

Tgt Ion	164	Resp	148809
Ion Ratio	100	Lower	Upper
162	102.6	81.6	122.4
160	43.8	34.2	51.2

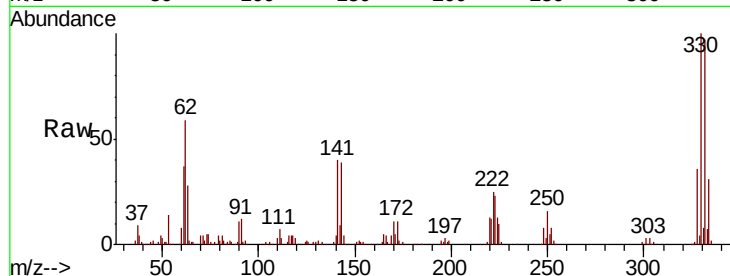




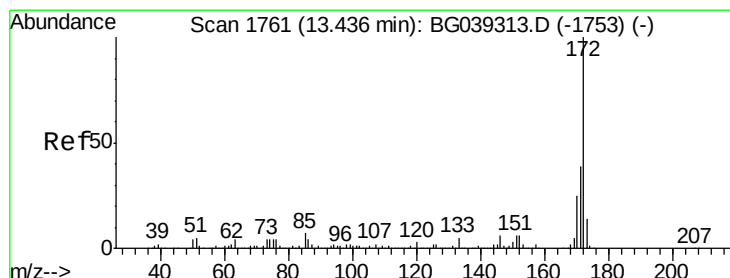
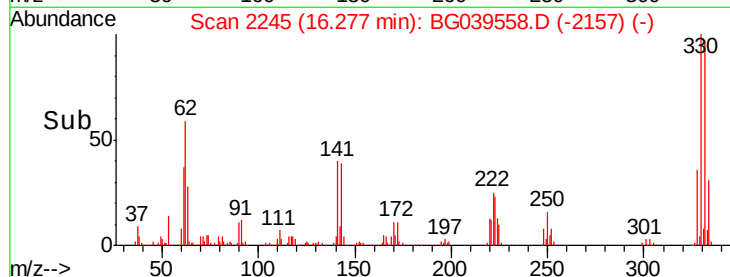
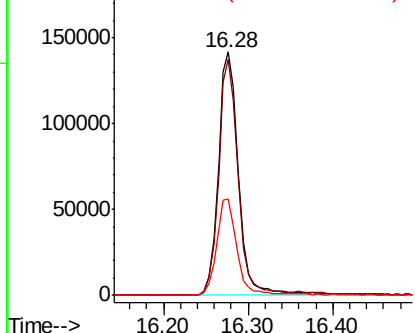
#42
 2,4,6-Tribromophenol
 Concen: 147.969 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039558.D
 Acq: 19 Feb 2019 17:04

Instrument :
 BNA_G
 ClientSampleId :
 TP-MH-C05

Tot Ion:330 Resp: 237109
 Ion Ratio Lower Upper
 330 100
 332 93.0 75.7 113.5
 141 39.5 35.6 53.4

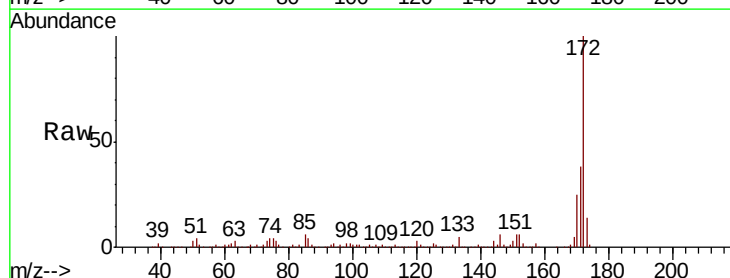


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

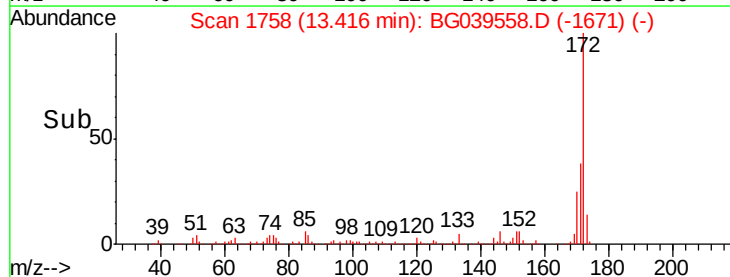
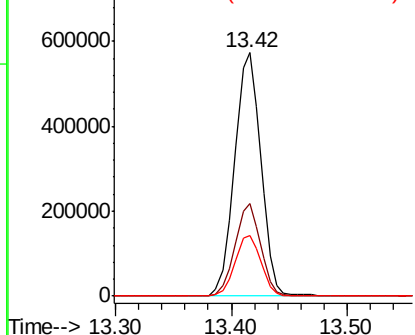


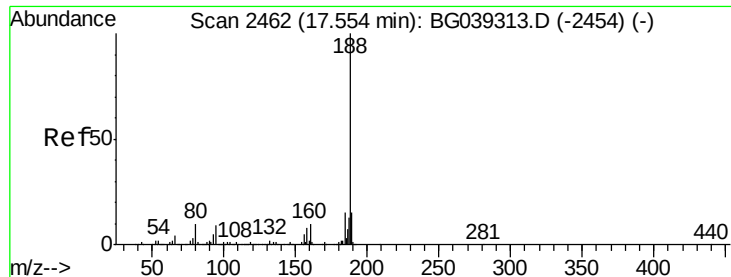
#45
 2-Fluorobiphenyl
 Concen: 87.175 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039558.D
 Acq: 19 Feb 2019 17:04

Tgt Ion:172 Resp: 904284
 Ion Ratio Lower Upper
 172 100
 171 38.1 30.8 46.2
 170 24.7 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: BG039558.D

Acq: 19 Feb 2019 17:04

Instrument :

BNA_G

ClientSampleId :

TP-MH-C05

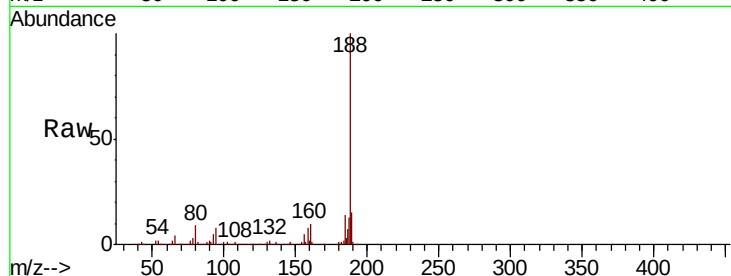
Tot Ion:188 Resp: 367319

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

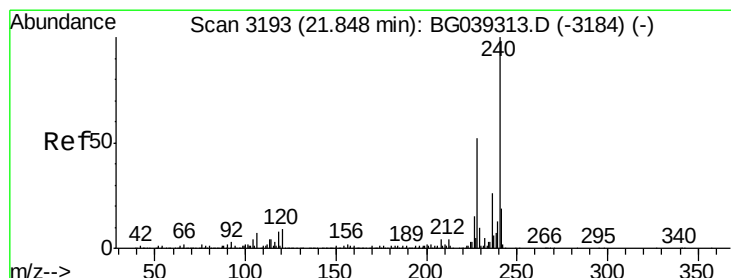
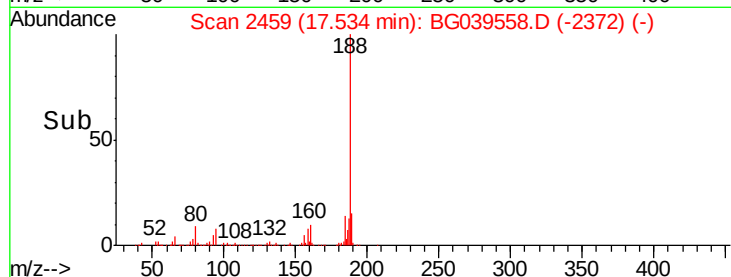
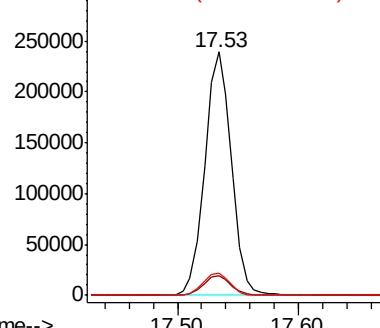
80 9.1 8.1 12.1



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. -0.03 min

Lab File: BG039558.D

Acq: 19 Feb 2019 17:04

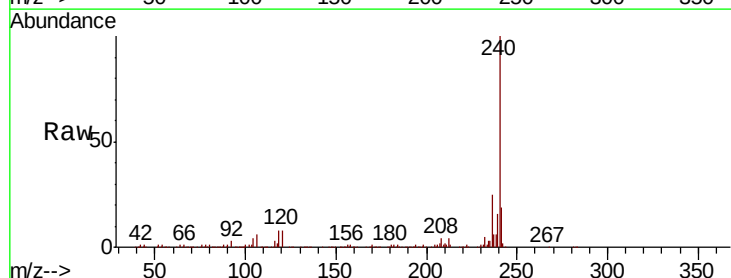
Tgt Ion:240 Resp: 371358

Ion Ratio Lower Upper

240 100

120 8.0 7.0 10.6

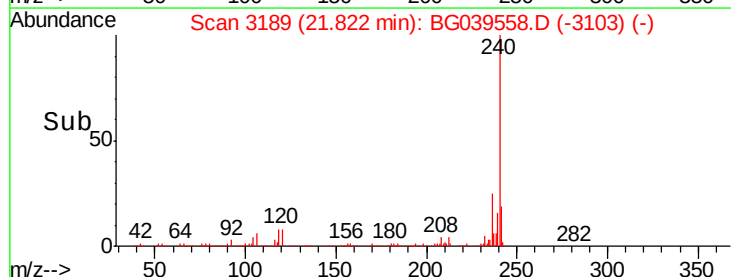
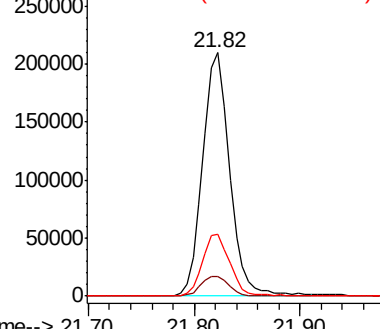
236 25.5 21.0 31.4

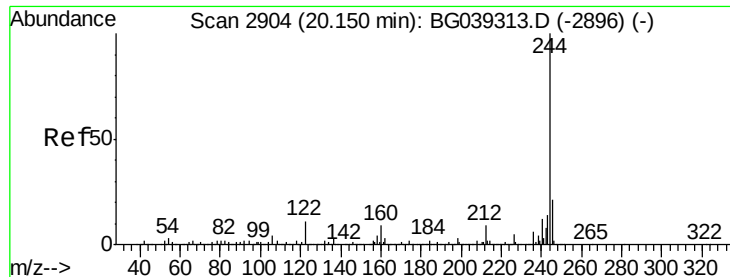


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

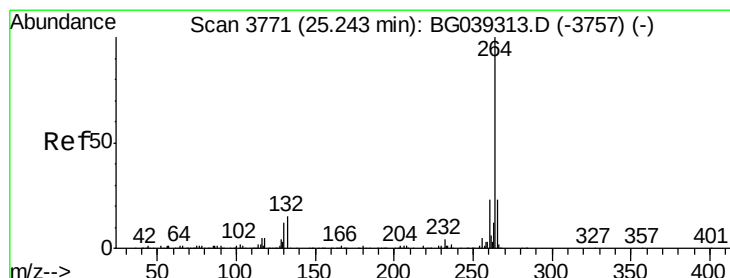
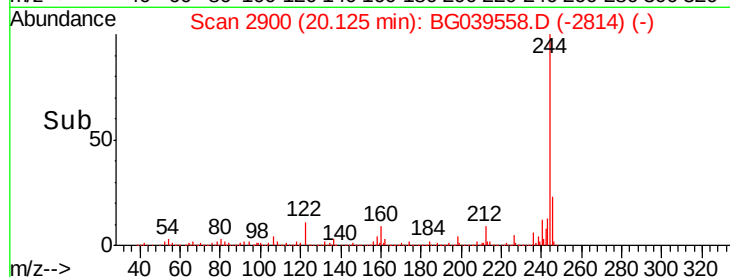
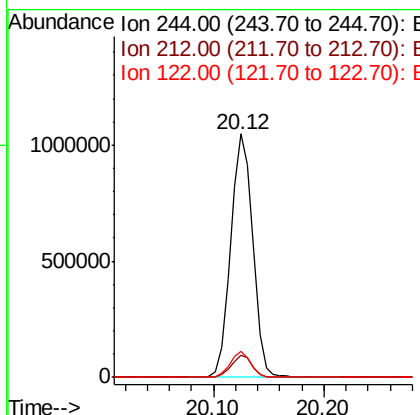
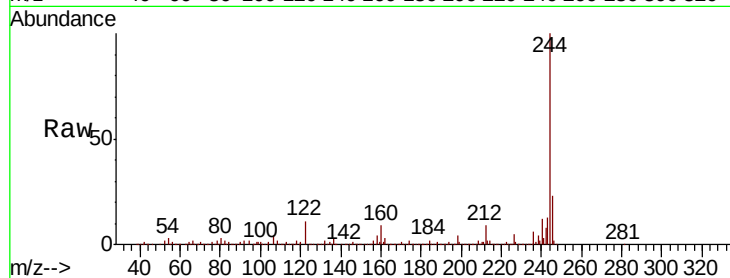




#79
 Terphenyl-d14
 Concen: 83.952 ng
 RT: 20.12 min Scan# 2900
 Delta R.T. -0.03 min
 Lab File: BG039558.D
 Acq: 19 Feb 2019 17:04

Instrument :
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 TP-MH-C05

Tot Ion:244 Resp: 1472872
 Ion Ratio Lower Upper
 244 100
 212 9.2 7.3 10.9
 122 10.8 8.4 12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.20 min Scan# 3764
 Delta R.T. -0.04 min
 Lab File: BG039558.D
 Acq: 19 Feb 2019 17:04

Tgt Ion:264 Resp: 331931
 Ion Ratio Lower Upper
 264 100
 260 22.0 18.2 27.4
 265 20.8 18.5 27.7

