

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039609.D
 Acq On : 26 Feb 2019 20:39
 Operator : JU/SJ
 Sample : K1595-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-MH-C02

Quant Time: Feb 27 03:27:28 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

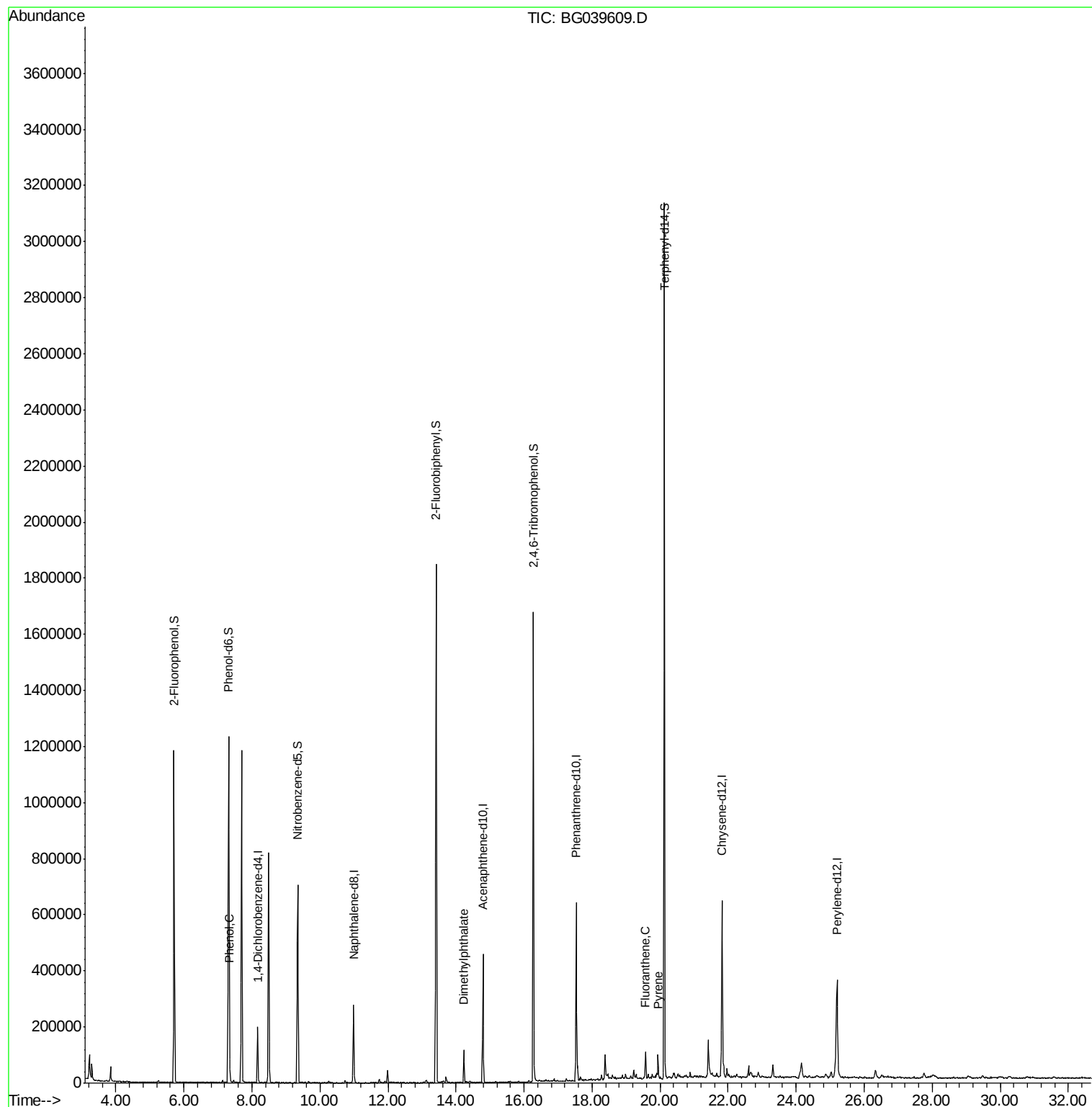
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	56448	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	238836	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	161671	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	395240	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	392330	20.00	ng	-0.02
87) Perylene-d12	25.20	264	404465	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	497104	150.72	ng	0.00
7) Phenol-d6	7.31	99	723493	149.03	ng	0.00
23) Nitrobenzene-d5	9.35	82	418291	109.41	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	297160	170.69	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	998771	88.62	ng	-0.02
79) Terphenyl-d14	20.13	244	1402503	75.67	ng	-0.02
Target Compounds						
10) Phenol	7.34	94	45999	9.089	ng	95
50) Dimethylphthalate	14.23	163	80448	6.161	ng	100
75) Fluoranthene	19.57	202	60053	2.529	ng	98
78) Pyrene	19.94	202	51477	2.108	ng	94

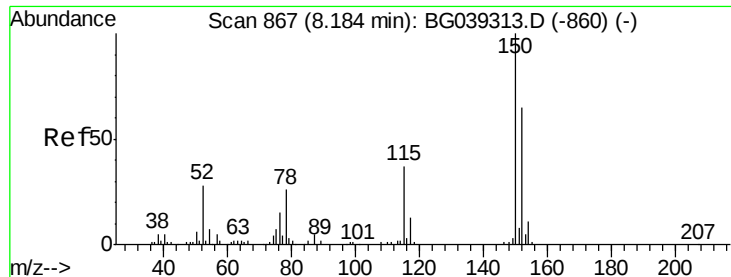
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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



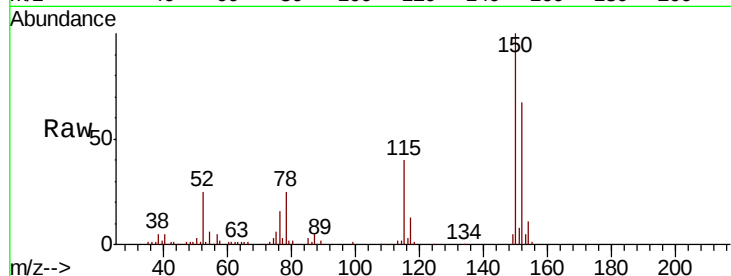


#1

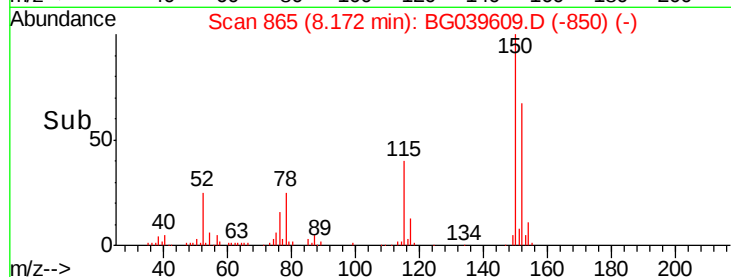
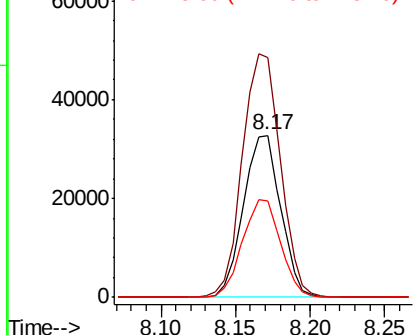
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039609.D
Acq: 26 Feb 2019 20:39

Instrument :
BNA_G
ClientSampleId :
TP-MH-C02

Tot Ion:152 Resp: 56448
Ion Ratio Lower Upper
152 100
150 148.4 123.7 185.5
115 59.8 45.9 68.9



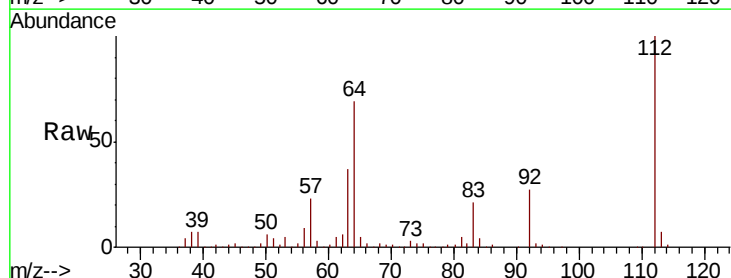
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



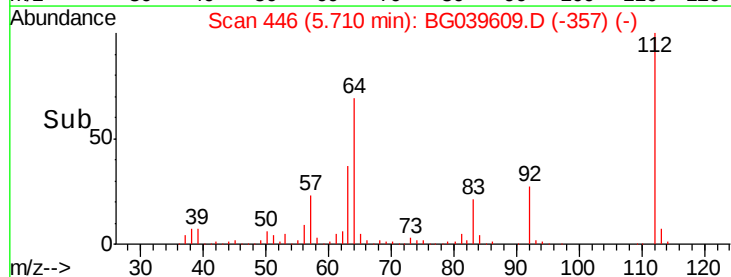
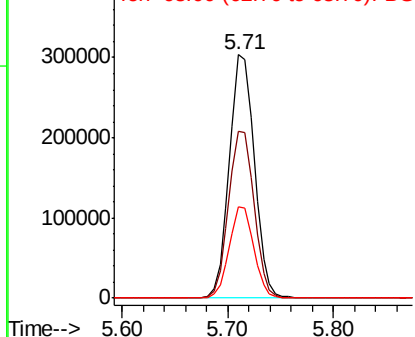
#5

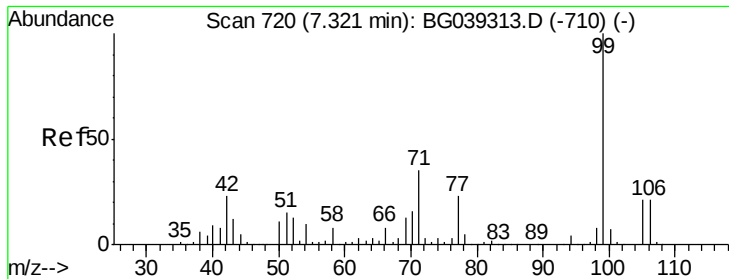
2-Fluorophenol
Concen: 150.722 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039609.D
Acq: 26 Feb 2019 20:39

Tgt Ion:112 Resp: 497104
Ion Ratio Lower Upper
112 100
64 68.6 57.8 86.8
63 37.4 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: 149.027 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039609.D

Acq: 26 Feb 2019 20:39

Instrument :

BNA_G

ClientSampled :

TP-MH-C02

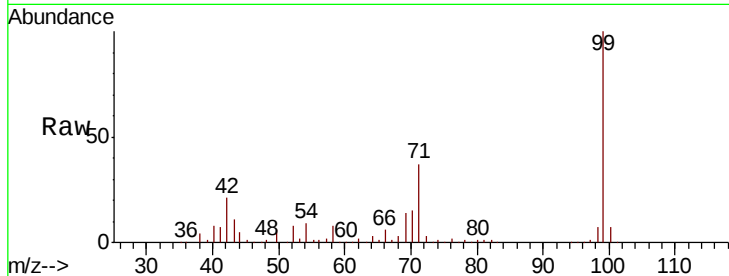
Tot Ion: 99 Resp: 723493

Ion Ratio Lower Upper

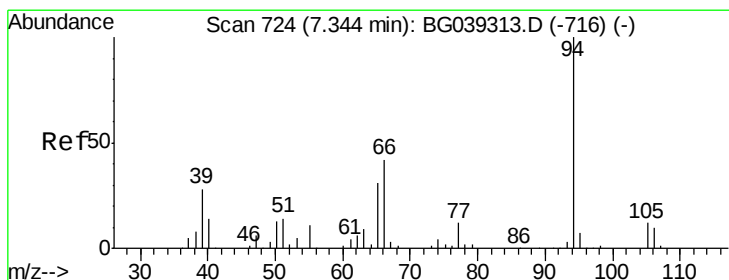
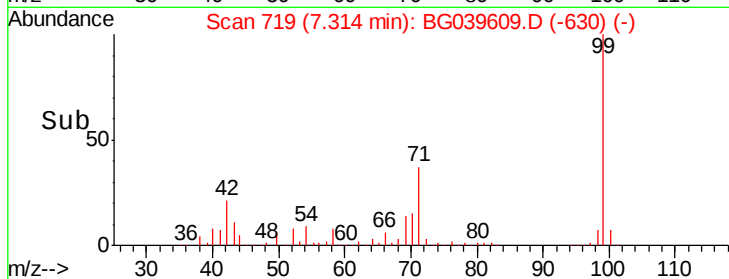
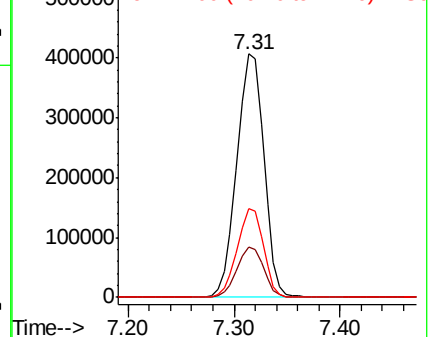
99 100

42 20.6 18.2 27.2

71 36.6 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



#10

Phenol

Concen: 9.089 ng

RT: 7.34 min Scan# 724

Delta R.T. -0.00 min

Lab File: BG039609.D

Acq: 26 Feb 2019 20:39

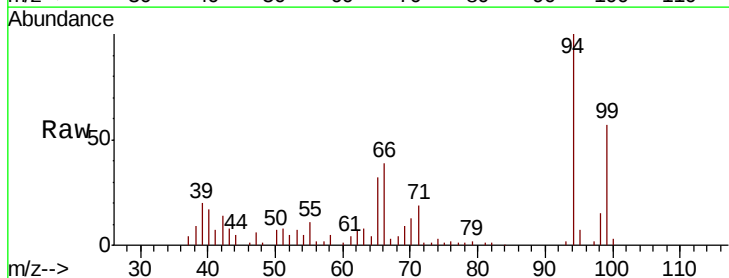
Tgt Ion: 94 Resp: 45999

Ion Ratio Lower Upper

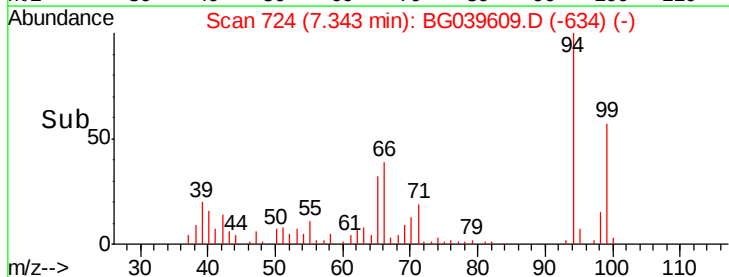
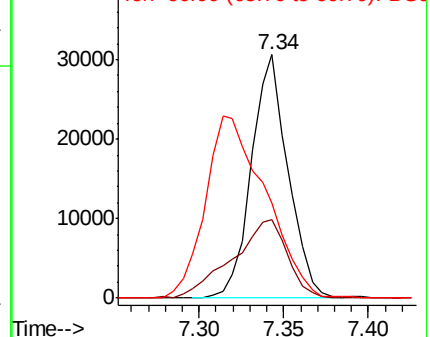
94 100

65 32.4 11.7 51.7

66 39.2 23.7 63.7



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

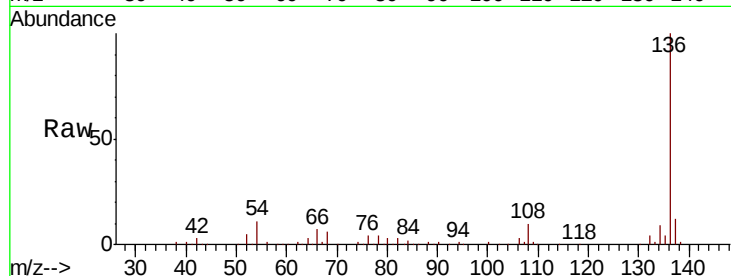




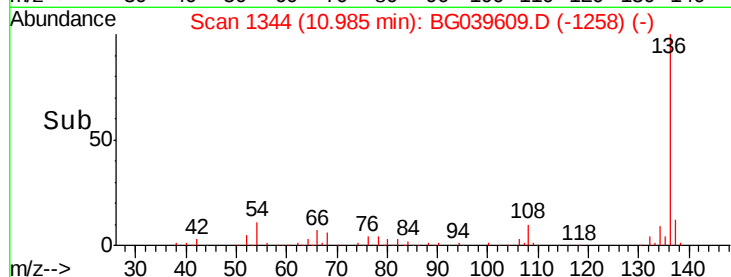
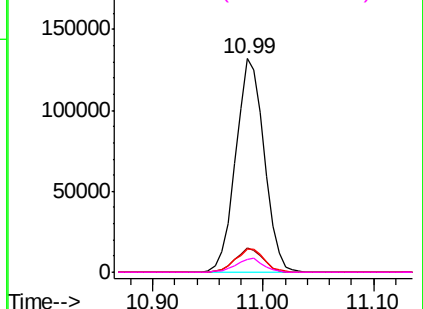
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.99 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG039609.D
Acq: 26 Feb 2019 20:39

Instrument :
BNA_G
ClientSampleId :
TP-MH-C02

Tot Ion:136	Resp:	238836
Ion	Ratio	Lower Upper
136	100	
137	11.6	9.1 13.7
54	10.9	9.4 14.2
68	5.8	4.2 6.4

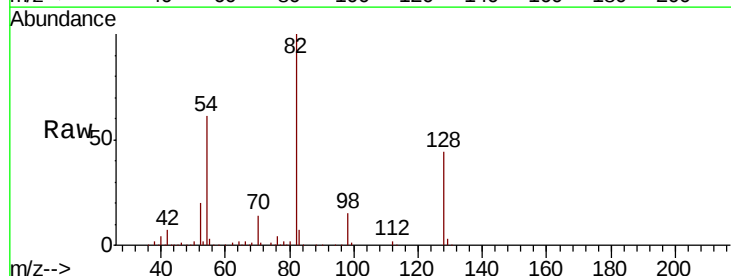


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

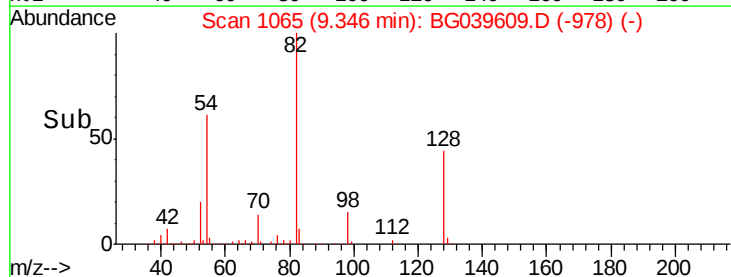
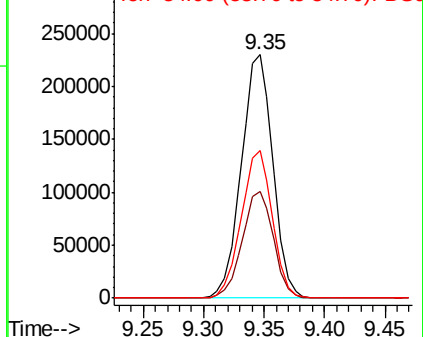


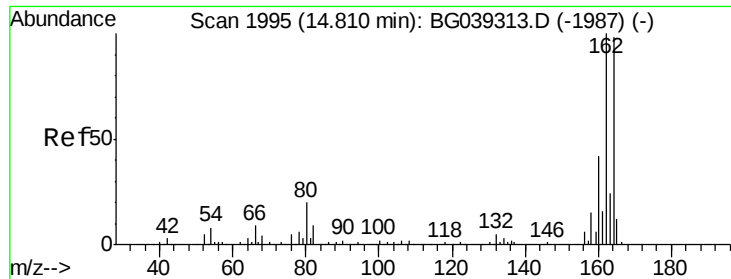
#23
Nitrobenzene-d5
Concen: 109.411 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039609.D
Acq: 26 Feb 2019 20:39

Tgt Ion: 82	Resp:	418291
Ion	Ratio	Lower Upper
82	100	
128	43.9	31.3 46.9
54	60.7	50.9 76.3



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1991

Delta R.T. -0.02 min

Lab File: BG039609.D

Acq: 26 Feb 2019 20:39

Instrument :

BNA_G

ClientSampleId :

TP-MH-C02

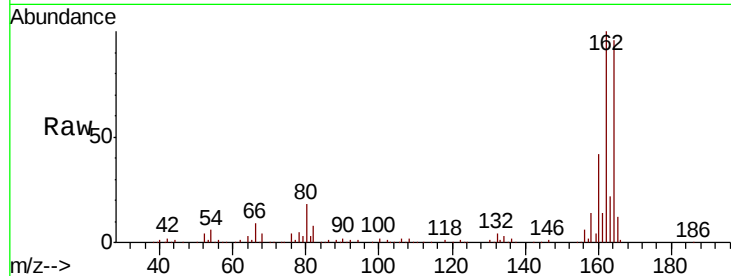
Tot Ion:164 Resp: 161671

Ion Ratio Lower Upper

164 100

162 104.0 81.6 122.4

160 43.2 34.2 51.2

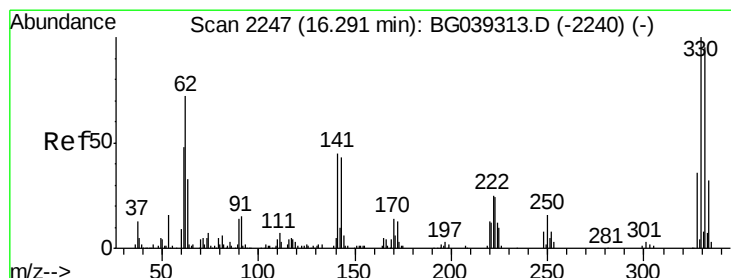
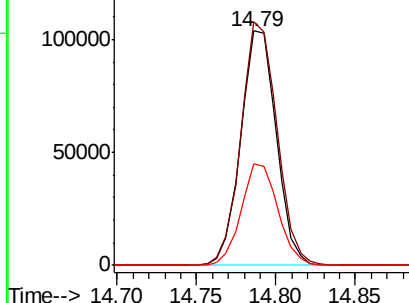
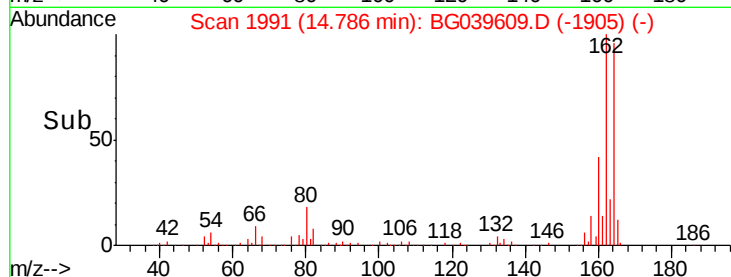


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 170.691 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039609.D

Acq: 26 Feb 2019 20:39

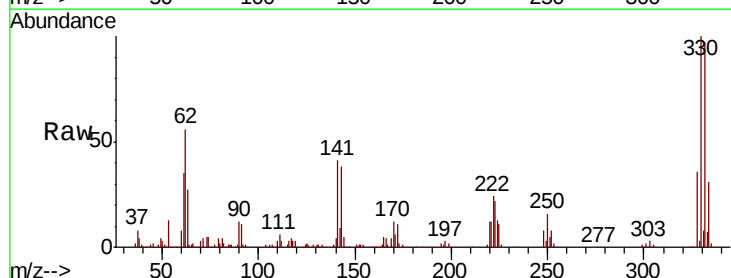
Tgt Ion:330 Resp: 297160

Ion Ratio Lower Upper

330 100

332 95.7 75.7 113.5

141 42.2 35.6 53.4

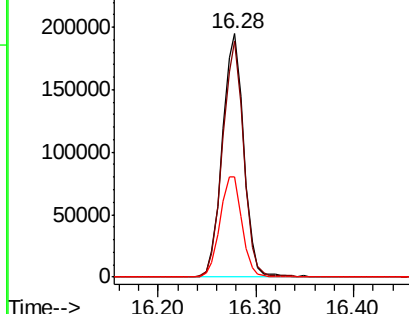
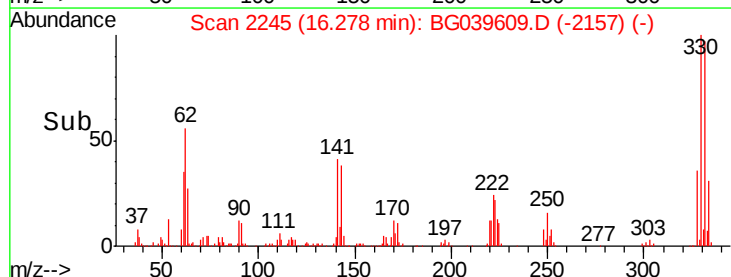


Abundance

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

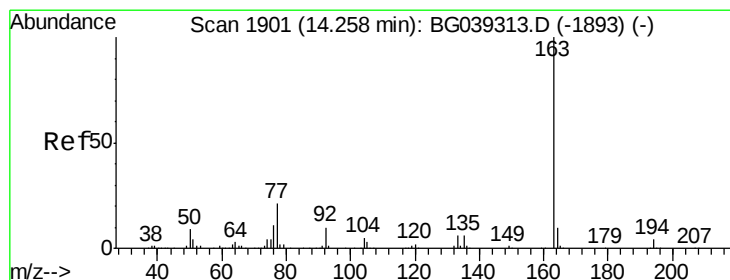
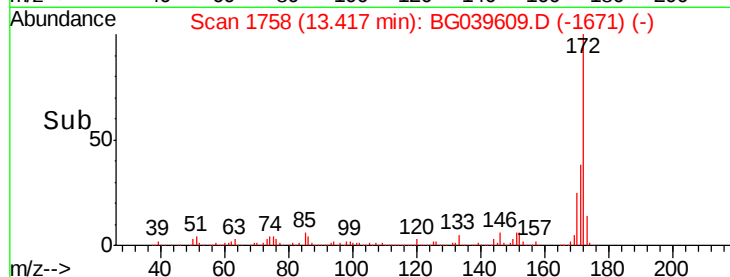
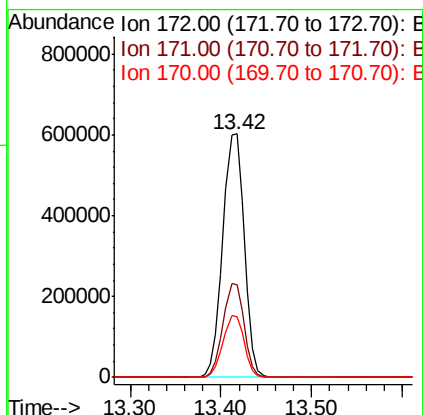
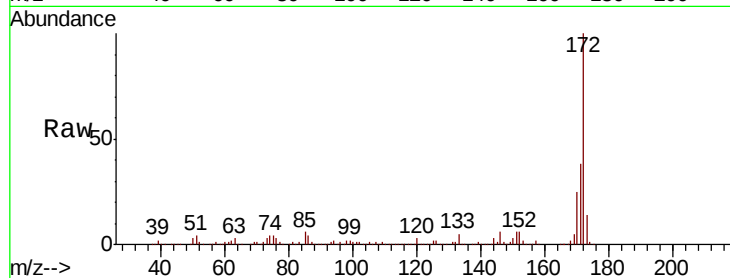




#45
2-Fluorobiphenyl
Concen: 88.624 ng
RT: 13.42 min Scan# 1758
Delta R.T. -0.02 min
Lab File: BG039609.D
Acq: 26 Feb 2019 20:39

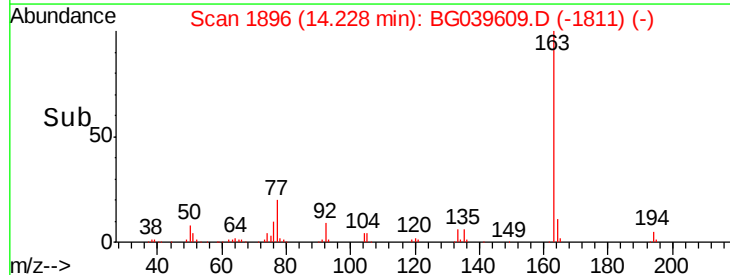
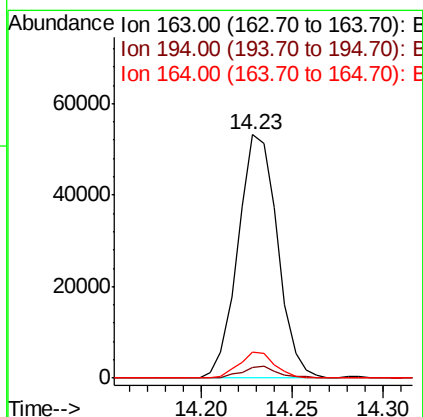
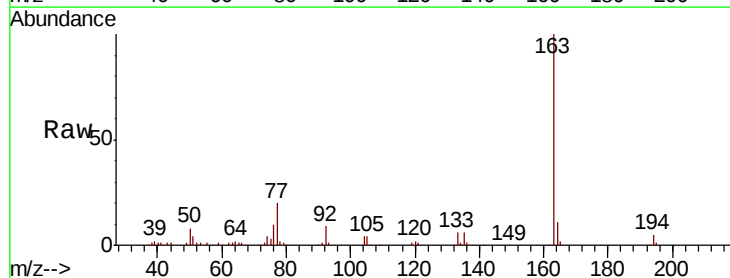
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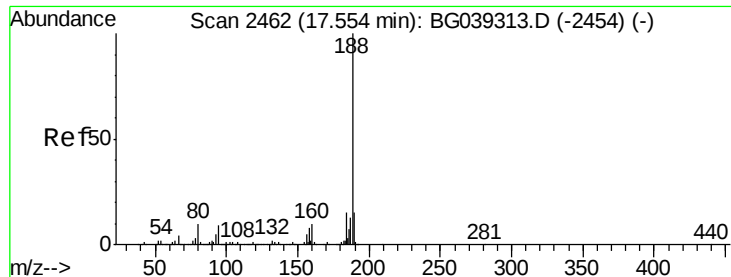
Tot Ion:172 Resp: 998771
Ion Ratio Lower Upper
172 100
171 37.8 30.8 46.2
170 24.9 20.2 30.4



#50
Dimethylphthalate
Concen: 6.161 ng
RT: 14.23 min Scan# 1896
Delta R.T. -0.03 min
Lab File: BG039609.D
Acq: 26 Feb 2019 20:39

Tgt Ion:163 Resp: 80448
Ion Ratio Lower Upper
163 100
194 4.5 3.6 5.4
164 10.6 8.4 12.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039609.D

Acq: 26 Feb 2019 20:39

Instrument :

BNA_G

ClientSampleId :

TP-MH-C02

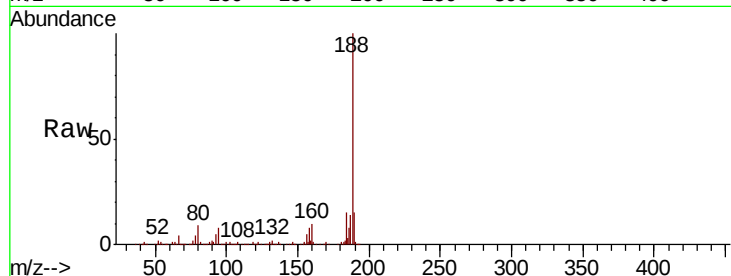
Tot Ion:188 Resp: 395240

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

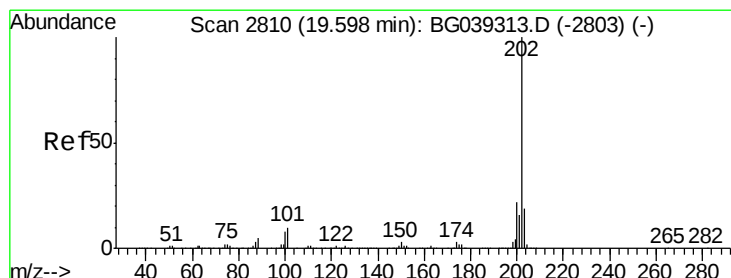
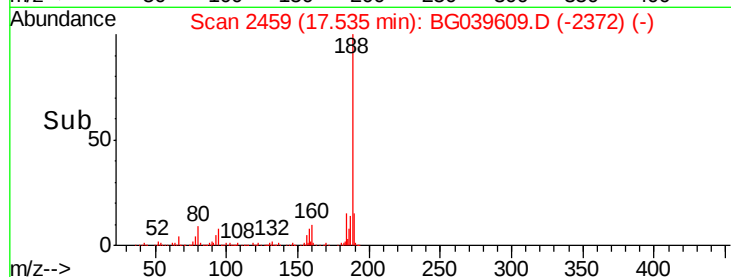
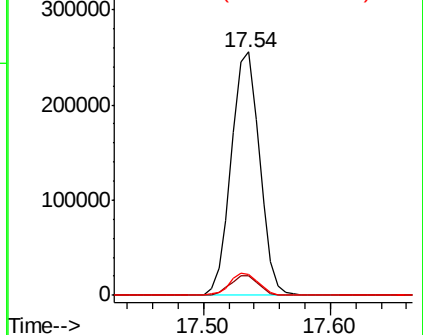
80 8.8 8.1 12.1



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



#75

Fluoranthene

Concen: 2.529 ng

RT: 19.57 min Scan# 2806

Delta R.T. -0.02 min

Lab File: BG039609.D

Acq: 26 Feb 2019 20:39

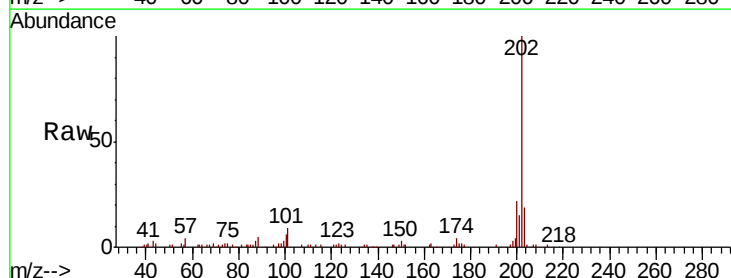
Tgt Ion:202 Resp: 60053

Ion Ratio Lower Upper

202 100

101 8.8 0.0 30.0

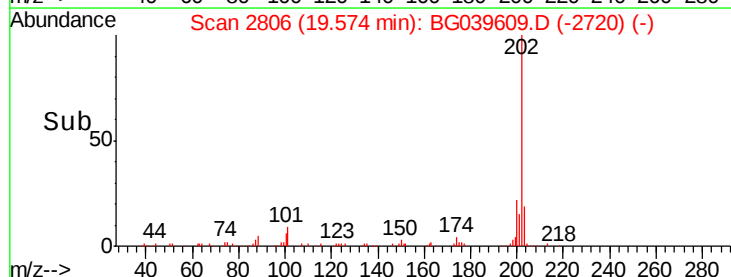
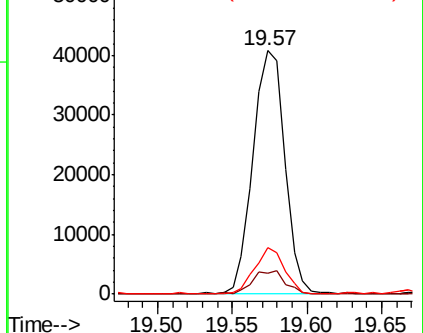
203 19.2 0.0 38.9

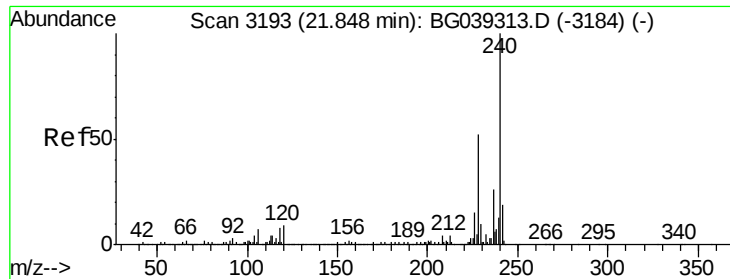


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.02 min

Lab File: BG039609.D

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TP-MH-C02

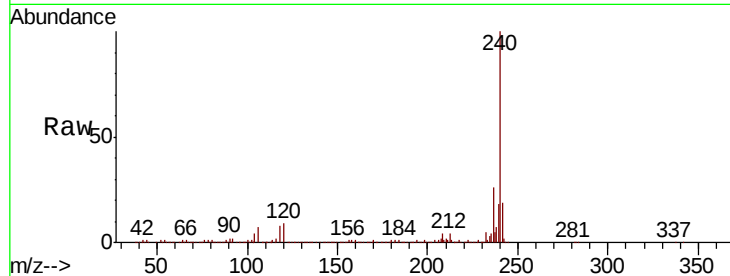
Tot Ion:240 Resp: 392330

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

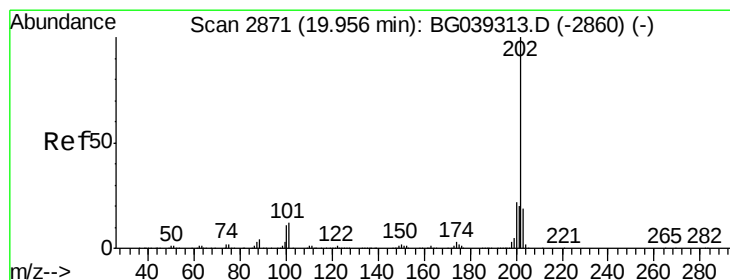
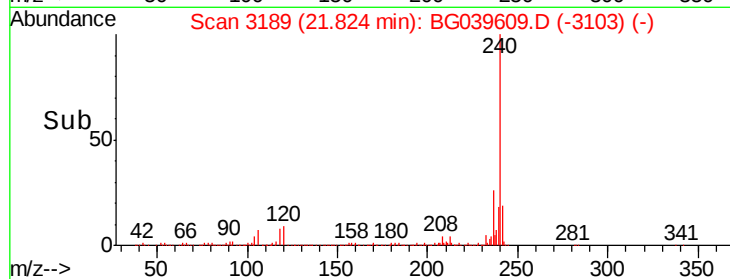
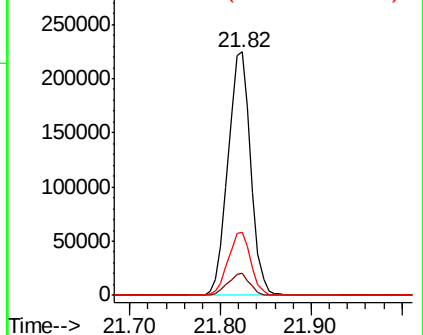
236 26.0 21.0 31.4



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



#78

Pyrene

Concen: 2.108 ng

RT: 19.94 min Scan# 2868

Delta R.T. -0.02 min

Lab File: BG039609.D

Acq: 26 Feb 2019 20:39

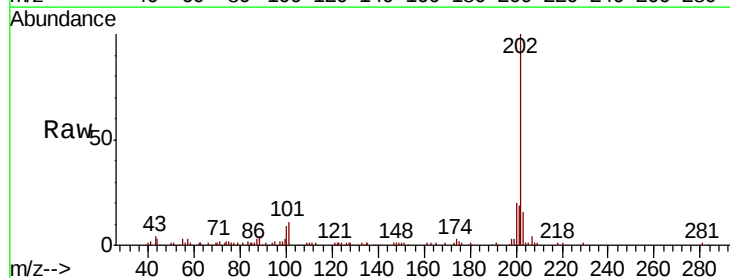
Tgt Ion:202 Resp: 51477

Ion Ratio Lower Upper

202 100

200 19.7 17.8 26.8

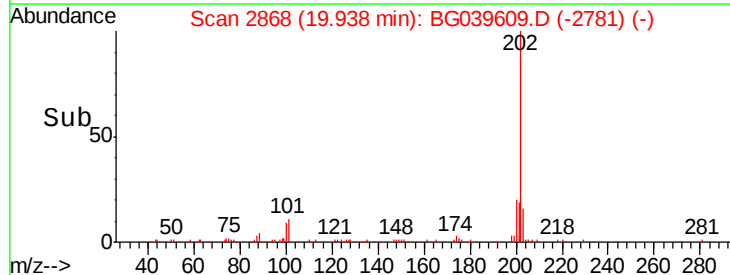
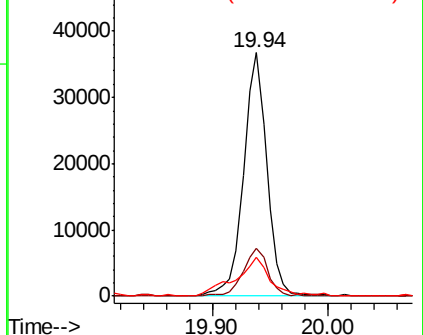
203 16.0 15.3 22.9

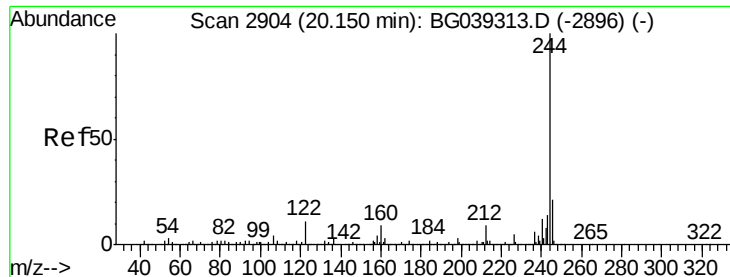


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 75.667 ng

RT: 20.13 min Scan# 2900

Delta R.T. -0.02 min

Lab File: BG039609.D

Acq: 26 Feb 2019 20:39

Instrument :

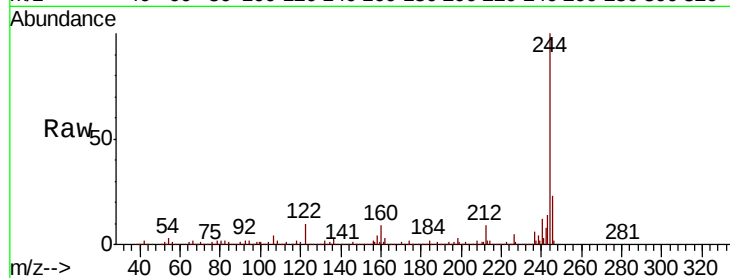
BNA_G

ClientSampleId :

TP-MH-C02

Tot Ion:244 Resp: 1402503

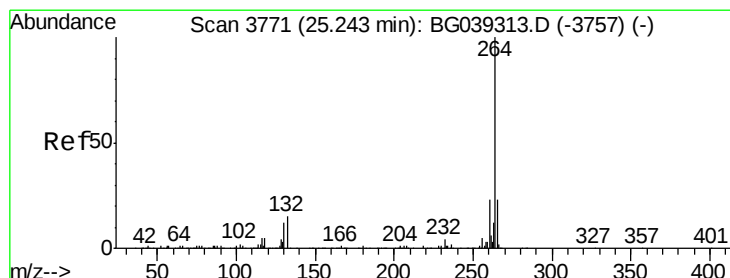
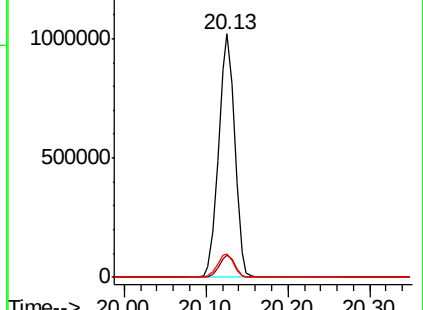
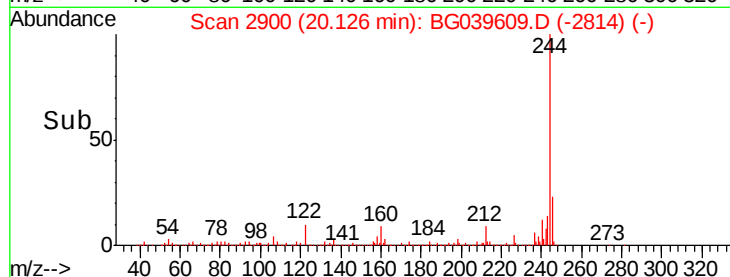
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	9.7	8.4	12.6



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# 3763

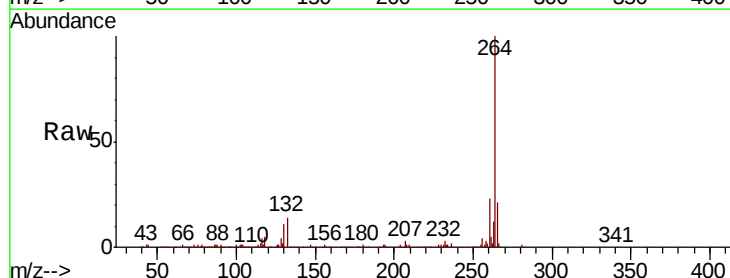
Delta R.T. -0.05 min

Lab File: BG039609.D

Acq: 26 Feb 2019 20:39

Tgt Ion:264 Resp: 404465

Ion	Ratio	Lower	Upper
264	100		
260	23.4	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

