

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
 Data File : BG039549.D
 Acq On : 18 Feb 2019 21:21
 Operator : JU/SJ
 Sample : K1508-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-12-D

Quant Time: Feb 19 01:04:35 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	56894	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	249367	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	178619	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	449106	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	459529	20.00	ng	-0.03
87) Perylene-d12	25.21	264	381858	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	392824	118.17	ng	0.00
7) Phenol-d6	7.31	99	512310	104.70	ng	0.00
23) Nitrobenzene-d5	9.34	82	379885	95.17	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	247847	128.86	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	936030	75.18	ng	-0.02
79) Terphenyl-d14	20.13	244	1592368	73.35	ng	-0.02

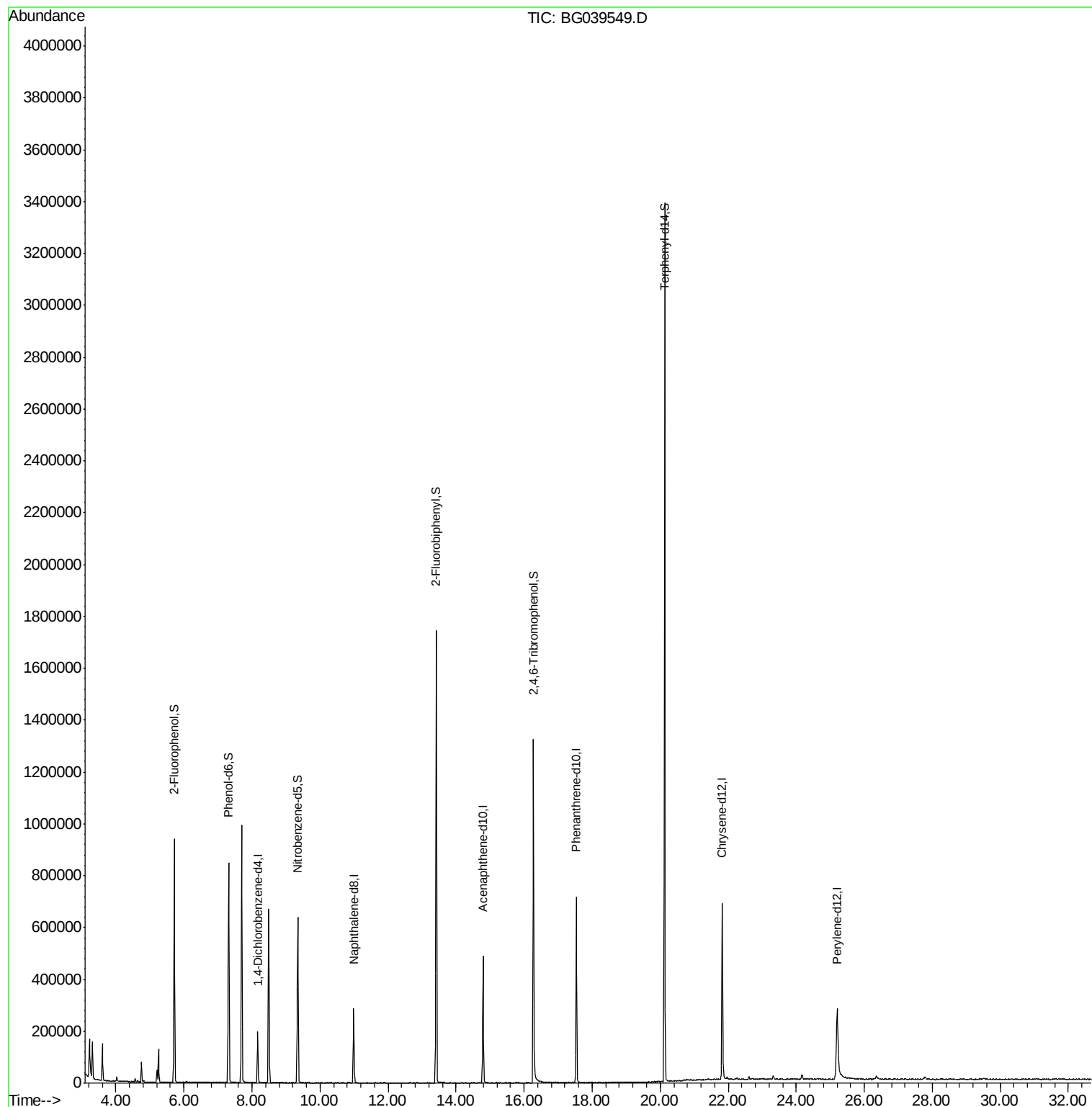
Target Compounds Qvalue

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

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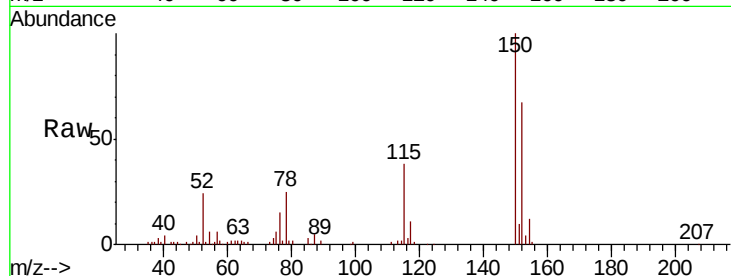


#1

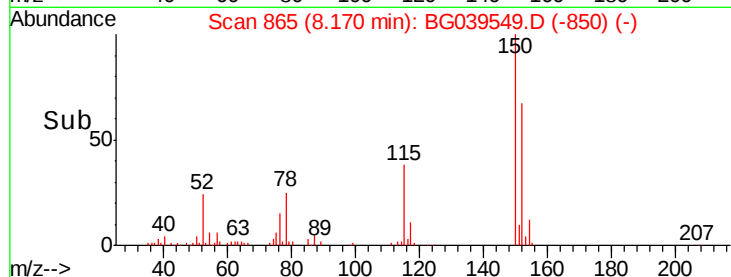
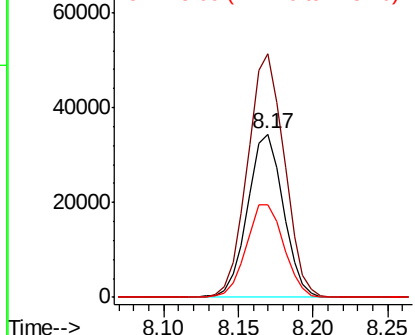
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039549.D
Acq: 18 Feb 2019 21:21

Instrument :
BNA_G
ClientSampleId :
M-12-D

Tot Ion:152 Resp: 56894
Ion Ratio Lower Upper
152 100
150 149.1 123.7 185.5
115 57.0 45.9 68.9



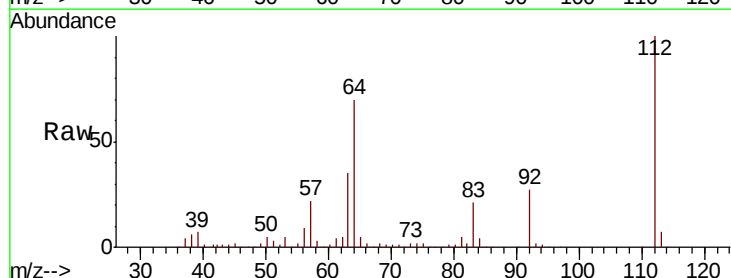
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



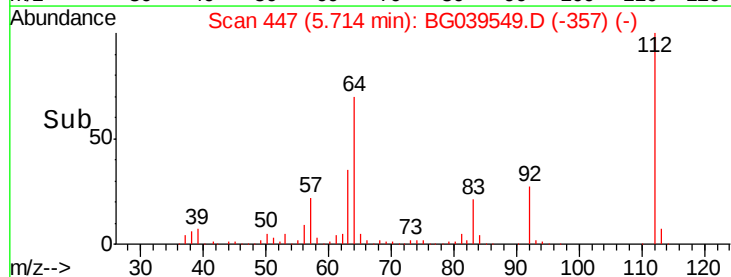
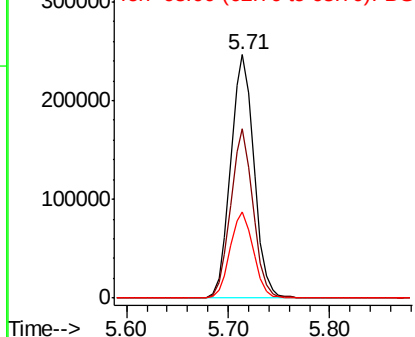
#5

2-Fluorophenol
Concen: 118.171 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039549.D
Acq: 18 Feb 2019 21:21

Tgt Ion:112 Resp: 392824
Ion Ratio Lower Upper
112 100
64 69.7 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): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 104.700 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039549.D

Acq: 18 Feb 2019 21:21

Instrument :

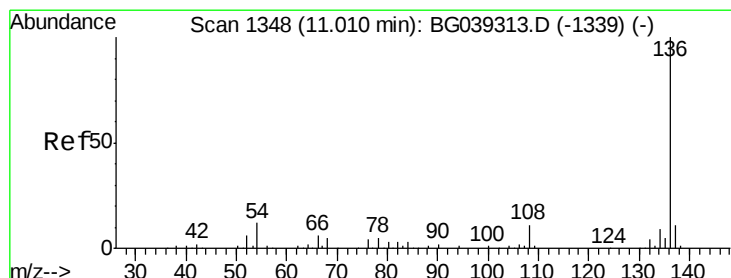
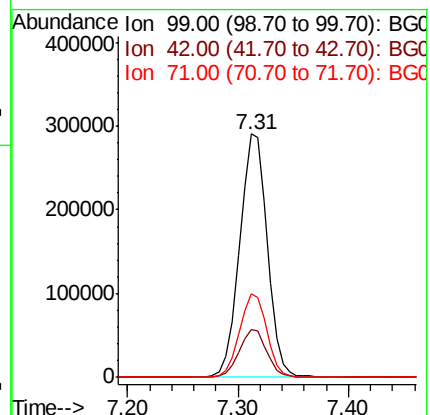
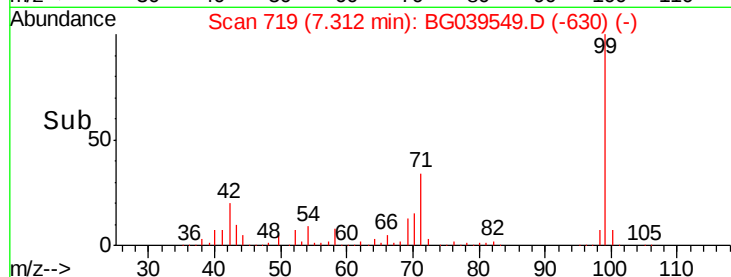
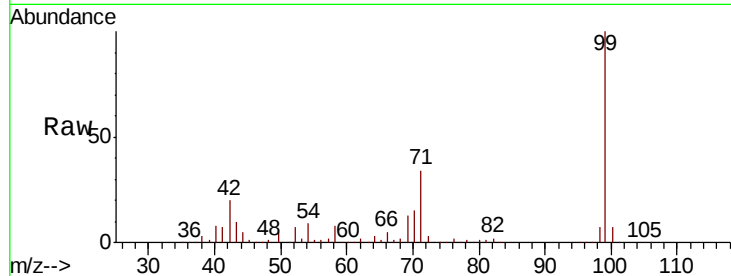
BNA_G

ClientSampleId :

M-12-D

Tot Ion: 99 Resp: 512310

Ion	Ratio	Lower	Upper
99	100		
42	19.5	18.2	27.2
71	34.4	28.0	42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.99 min Scan# 1345

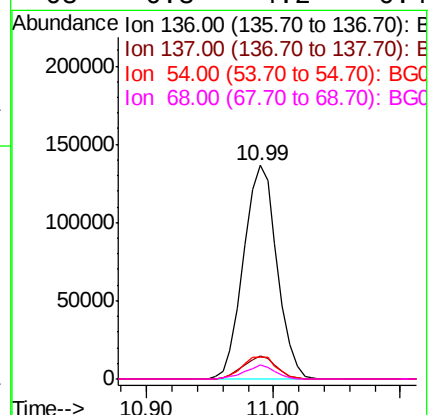
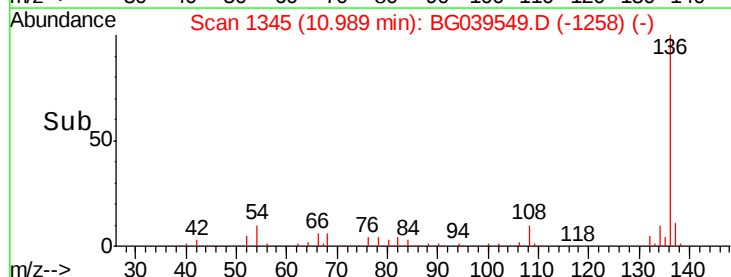
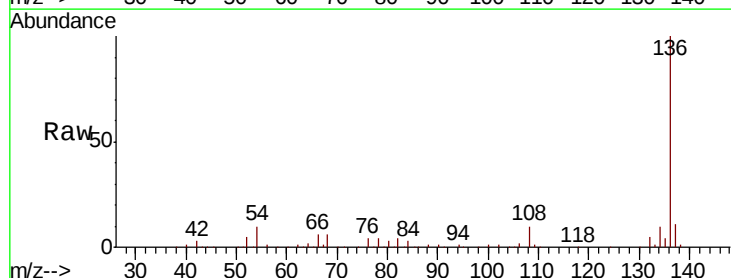
Delta R.T. -0.02 min

Lab File: BG039549.D

Acq: 18 Feb 2019 21:21

Tgt Ion: 136 Resp: 249367

Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.1	13.7
54	10.2	9.4	14.2
68	6.3	4.2	6.4

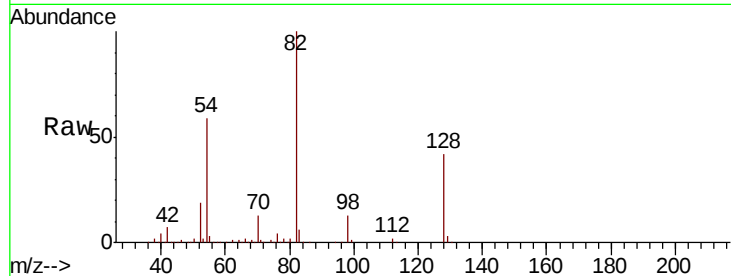




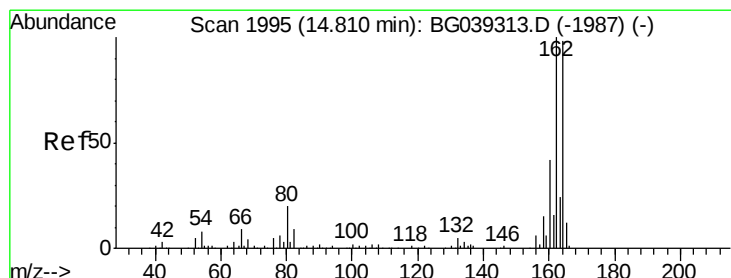
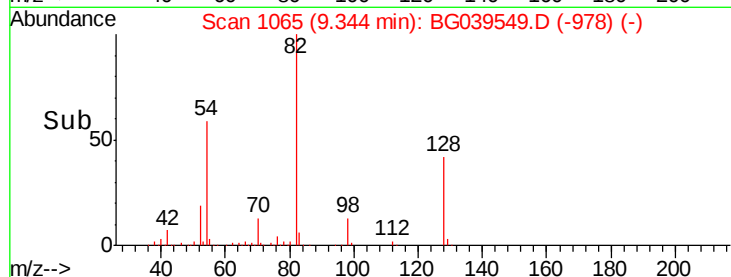
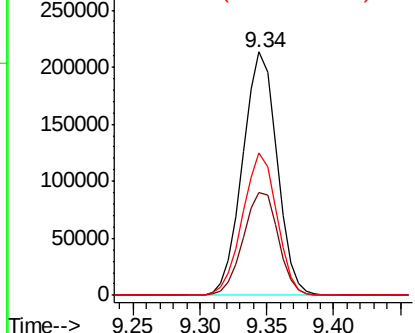
#23
Nitrobenzene-d5
Concen: 95.169 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039549.D
Acq: 18 Feb 2019 21:21

Instrument :
BNA_G
ClientSampled :
M-12-D

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.4	31.3	46.9
54	58.6	50.9	76.3

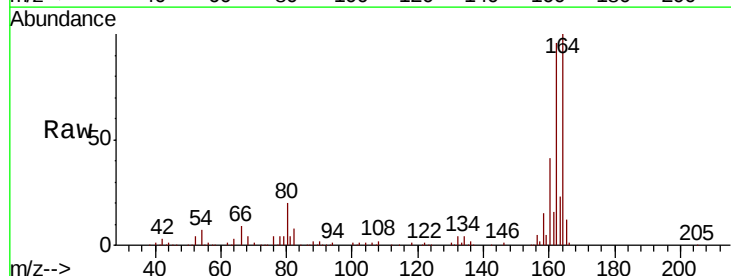


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

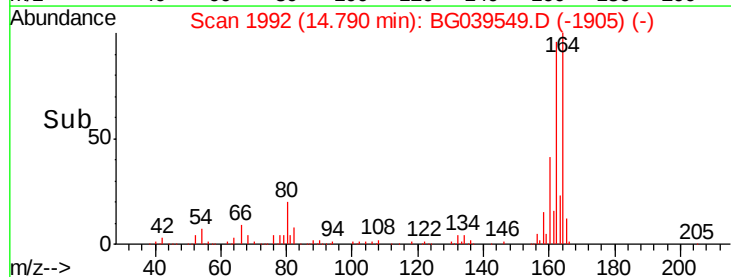
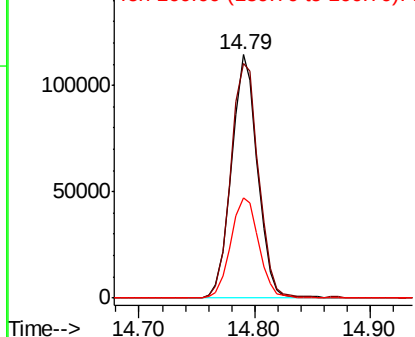


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039549.D
Acq: 18 Feb 2019 21:21

Tgt Ion	Ratio	Lower	Upper
164	100		
162	96.5	81.6	122.4
160	41.2	34.2	51.2



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 128.857 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.01 min

Lab File: BG039549.D

Acq: 18 Feb 2019 21:21

Instrument :

BNA_G

ClientSampleId :

M-12-D

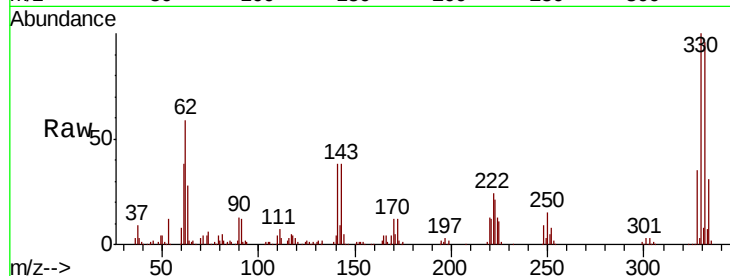
Tot Ion:330 Resp: 247847

Ion Ratio Lower Upper

330 100

332 96.1 75.7 113.5

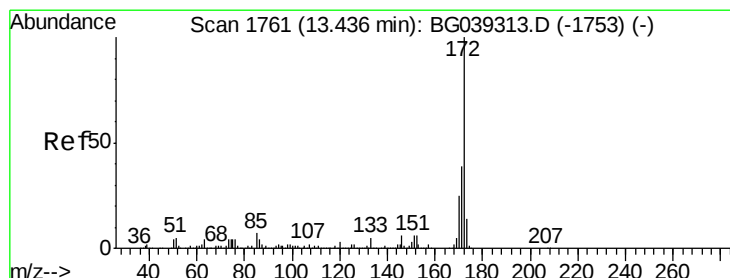
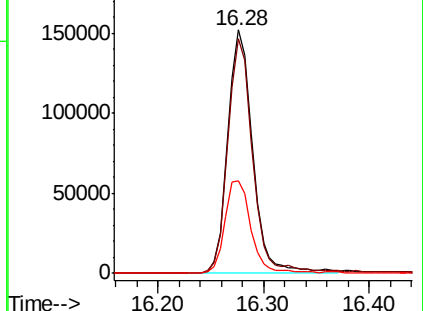
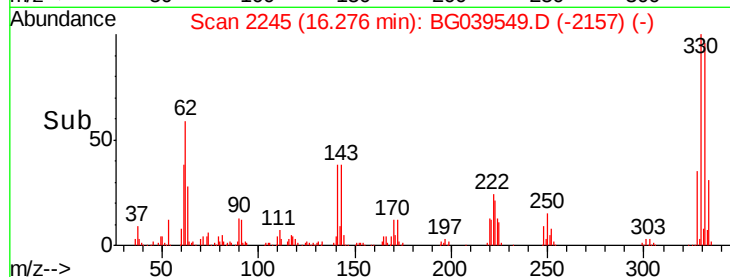
141 39.7 35.6 53.4



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: 75.176 ng

RT: 13.42 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039549.D

Acq: 18 Feb 2019 21:21

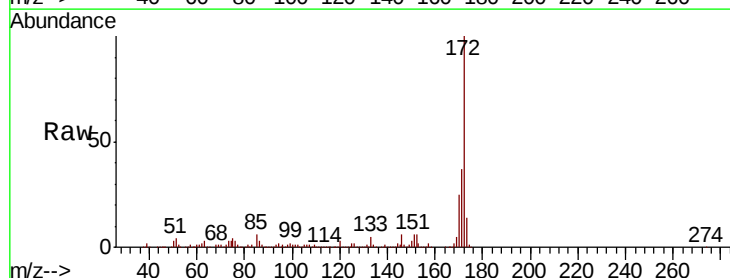
Tgt Ion:172 Resp: 936030

Ion Ratio Lower Upper

172 100

171 37.4 30.8 46.2

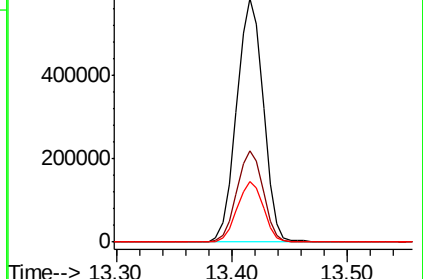
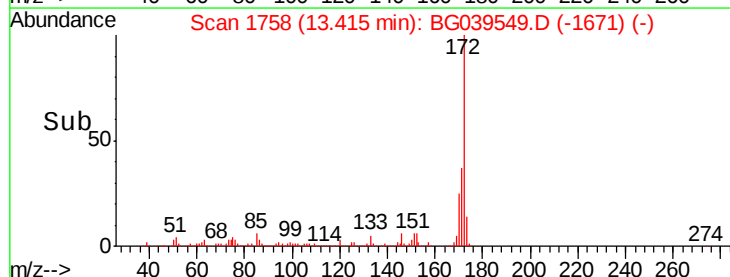
170 25.1 20.2 30.4



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: BG039549.D

Acq: 18 Feb 2019 21:21

Instrument :

BNA_G

ClientSampleId :

M-12-D

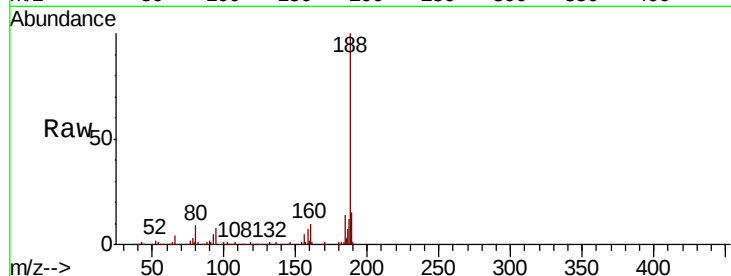
Tot Ion:188 Resp: 449106

Ion Ratio Lower Upper

188 100

94 8.1 6.9 10.3

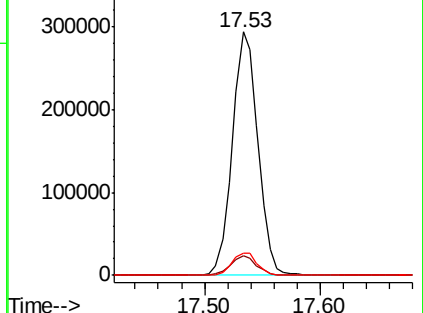
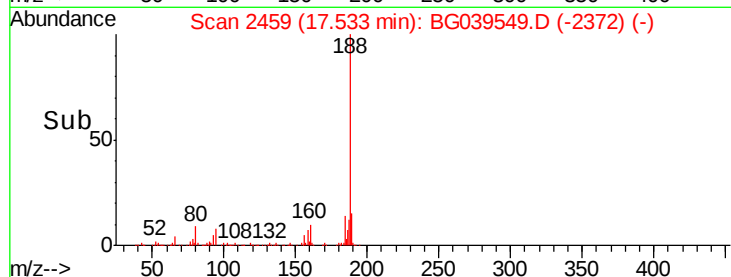
80 9.4 8.1 12.1



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: BG039549.D

Acq: 18 Feb 2019 21:21

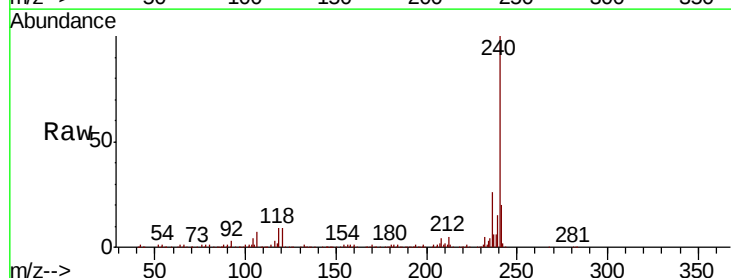
Tgt Ion:240 Resp: 459529

Ion Ratio Lower Upper

240 100

120 9.0 7.0 10.6

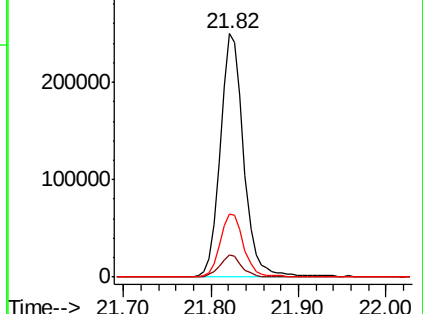
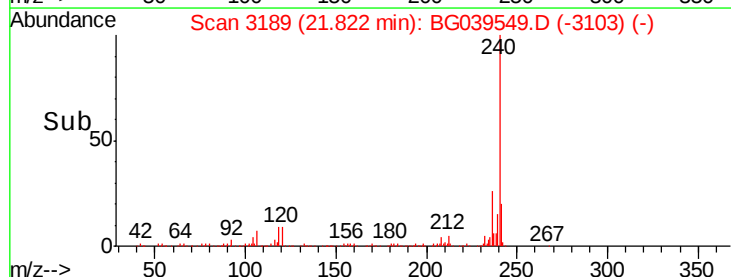
236 26.0 21.0 31.4



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





#79

Terphenyl-d14

Concen: 73.348 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039549.D

Acq: 18 Feb 2019 21:21

Instrument :

BNA_G

ClientSampled :

M-12-D

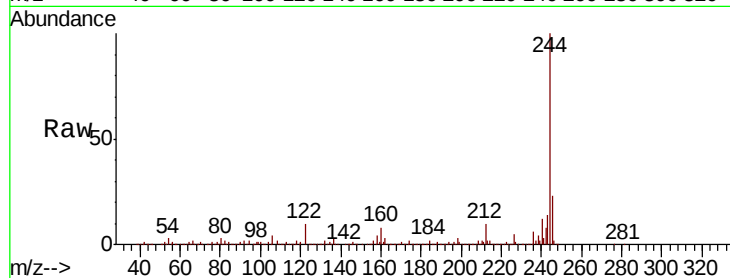
Tot Ion:244 Resp: 1592368

Ion	Ratio	Lower	Upper
244	100		
212	9.6	7.3	10.9
122	10.4	8.4	12.6

244 100

212 9.6 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

20.13

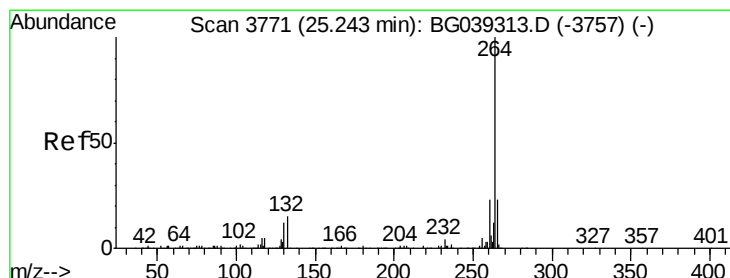
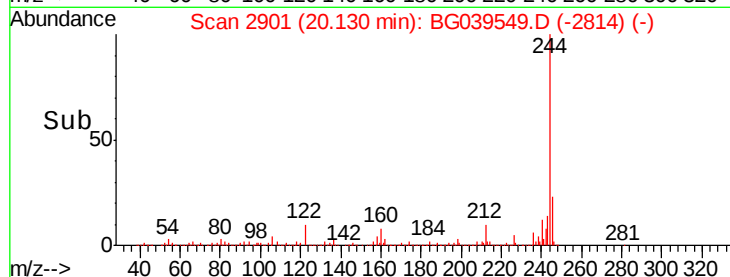
1500000

1000000

500000

0

Time--> 20.00 20.10 20.20 20.30



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3765

Delta R.T. -0.04 min

Lab File: BG039549.D

Acq: 18 Feb 2019 21:21

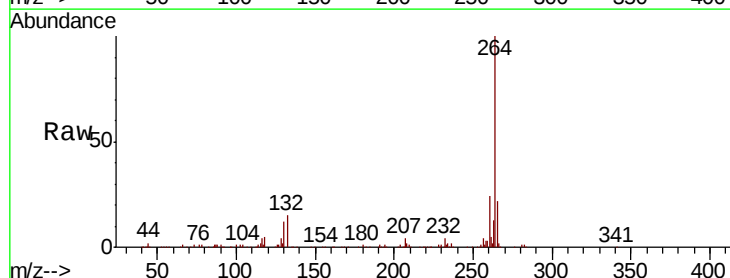
Tgt Ion:264 Resp: 381858

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.4
265	22.0	18.5	27.7

264 100

260 23.7 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

25.21

100000

50000

0

Time--> 25.10 25.20 25.30

