

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021819\
 Data File : BG039541.D
 Acq On : 18 Feb 2019 16:08
 Operator : JU/SJ
 Sample : K1508-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 M-12-D

Quant Time: Feb 18 16:55:55 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

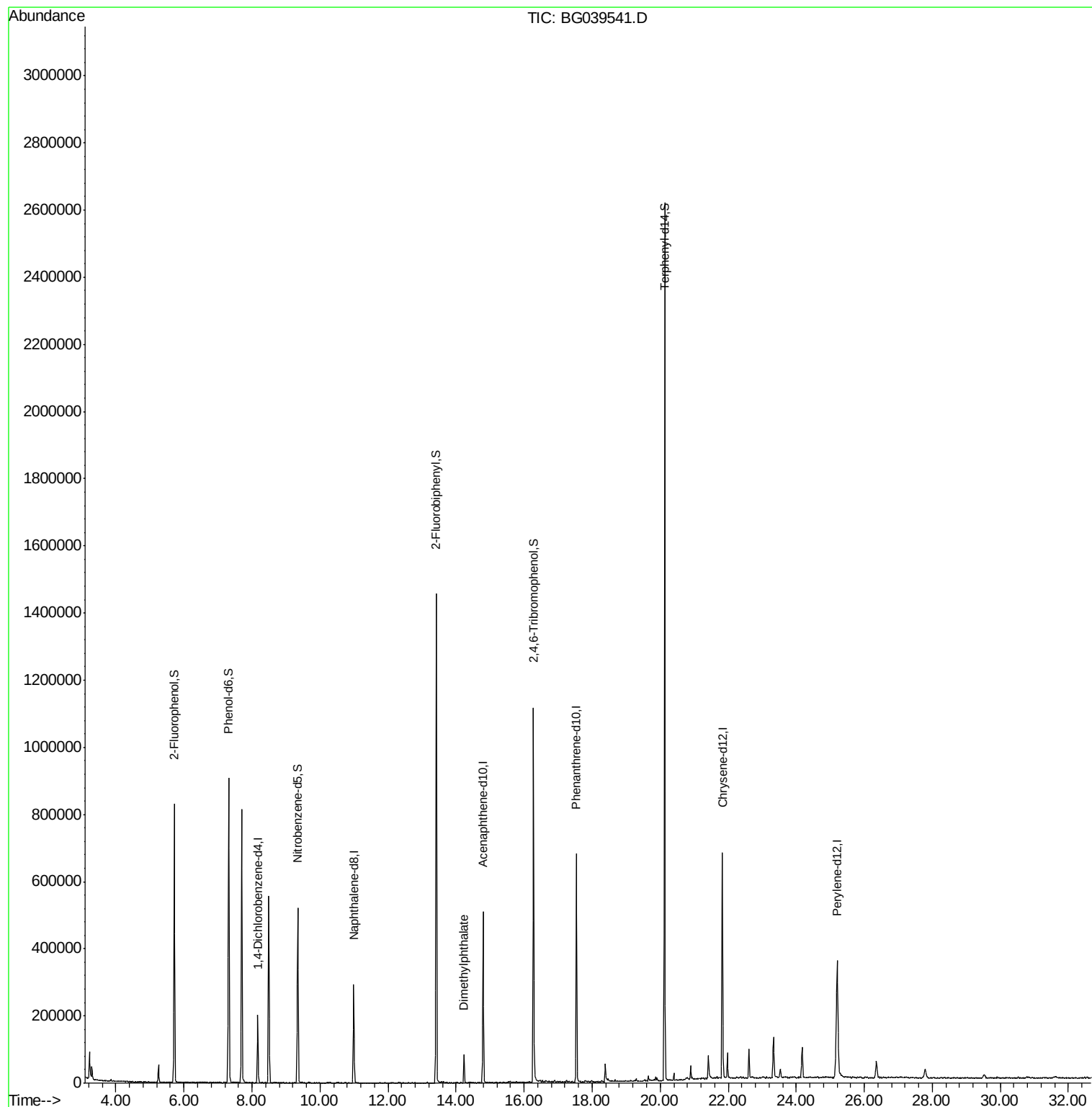
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	57706	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	258487	20.00	ng	-0.02
39) Acenaphthene-d10	14.80	164	181782	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	434237	20.00	ng	-0.02
76) Chrysene-d12	21.83	240	435481	20.00	ng	-0.02
87) Perylene-d12	25.20	264	407189	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	352518	104.55	ng	0.00
7) Phenol-d6	7.32	99	525776	105.94	ng	0.00
23) Nitrobenzene-d5	9.34	82	303703	73.40	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	198026	101.16	ng	-0.02
45) 2-Fluorobiphenyl	13.41	172	783594	61.84	ng	-0.02
79) Terphenyl-d14	20.13	244	1202530	58.45	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.23	163	59660	4.064	ng	Qvalue 97

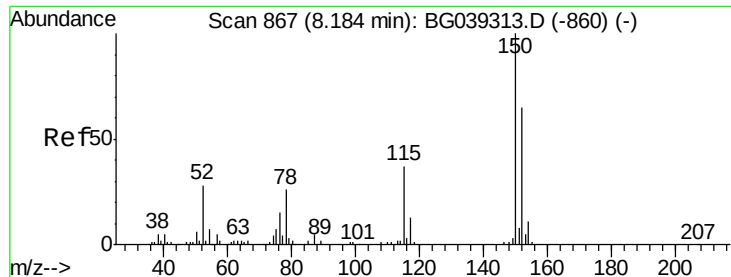
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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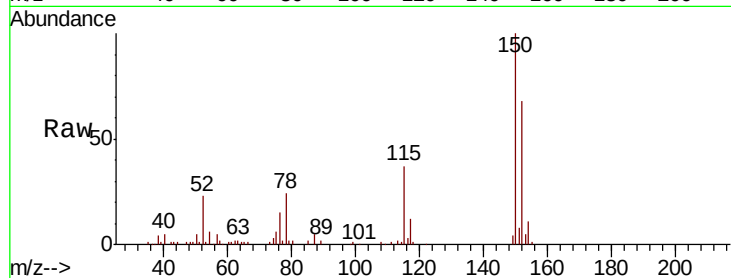


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.02 min
Lab File: BG039541.D
Acq: 18 Feb 2019 16:08

Instrument :
BNA_G
ClientSampleId :
M-12-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.6	123.7	185.5
115	55.2	45.9	68.9

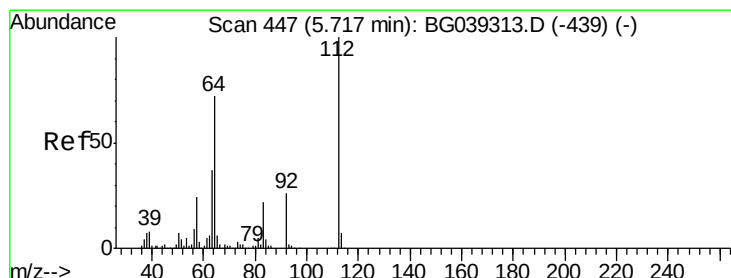
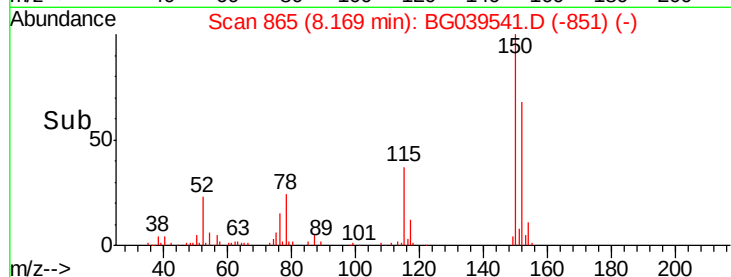
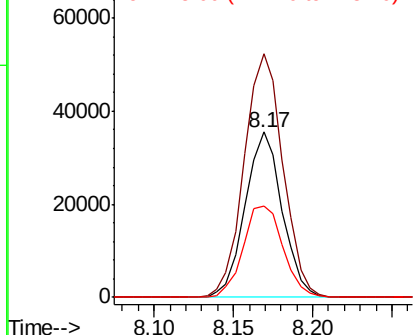


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

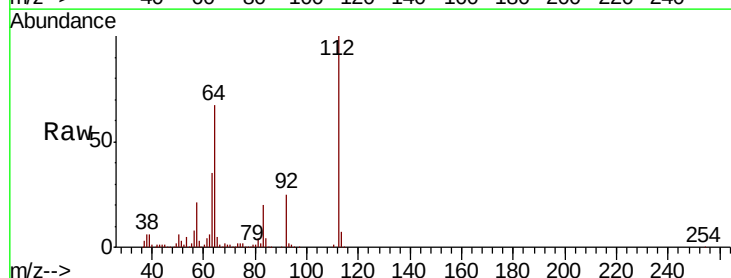
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 104.554 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039541.D
Acq: 18 Feb 2019 16:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	57.8	86.8
63	34.9	29.8	44.6

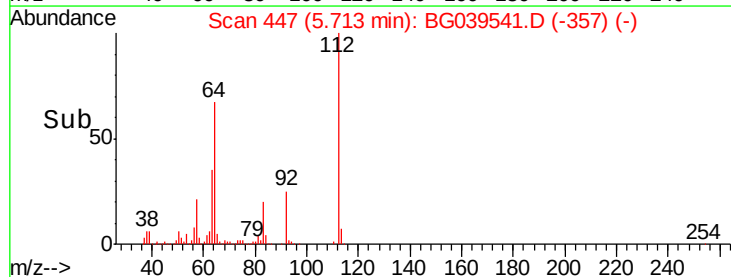
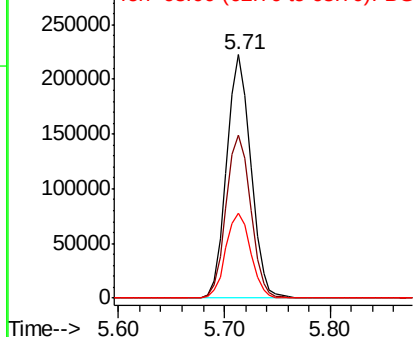


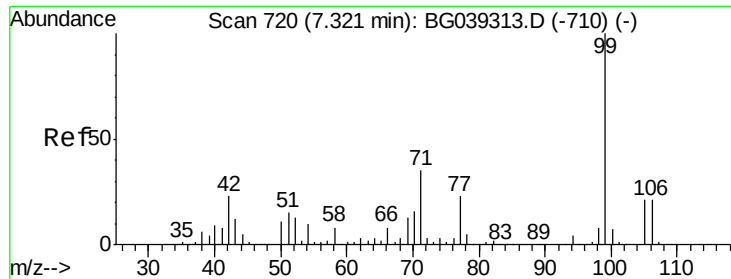
Abundance

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: 105.940 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG039541.D

Acq: 18 Feb 2019 16:08

Instrument :

BNA_G

ClientSampleId :

M-12-D

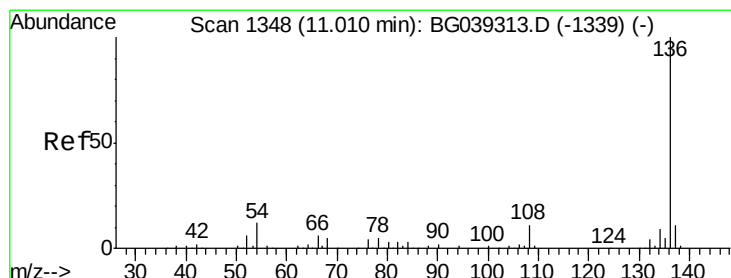
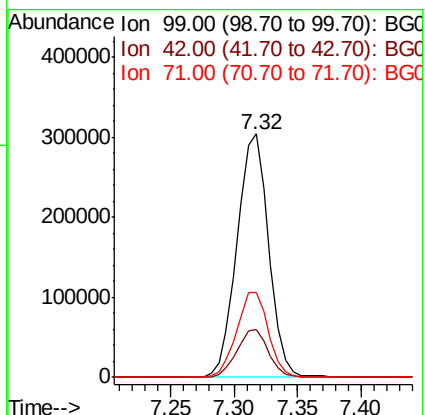
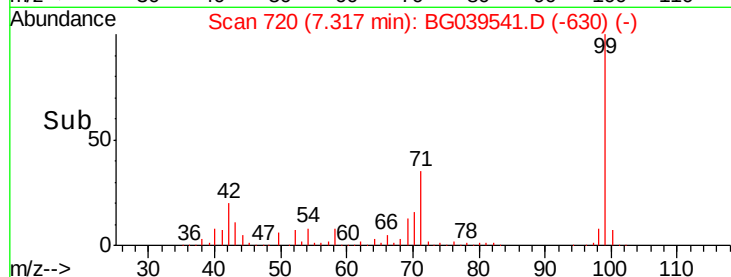
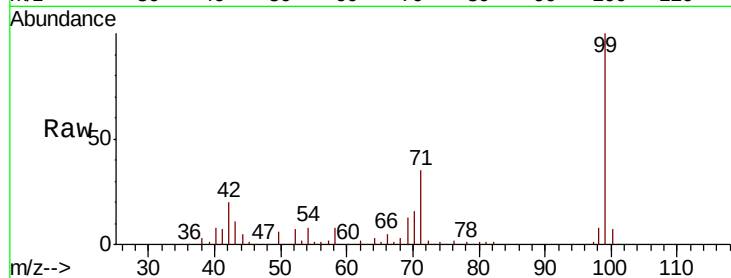
Tot Ion: 99 Resp: 525776

Ion Ratio Lower Upper

99 100

42 19.9 18.2 27.2

71 35.0 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: BG039541.D

Acq: 18 Feb 2019 16:08

Tgt Ion: 136 Resp: 258487

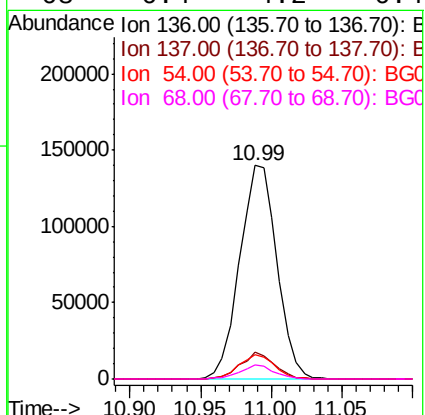
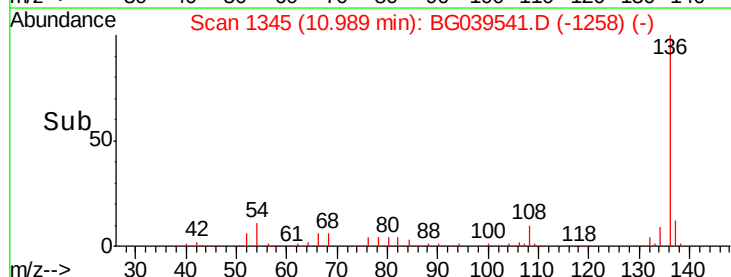
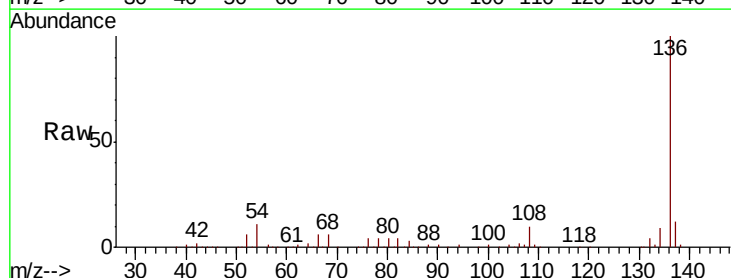
Ion Ratio Lower Upper

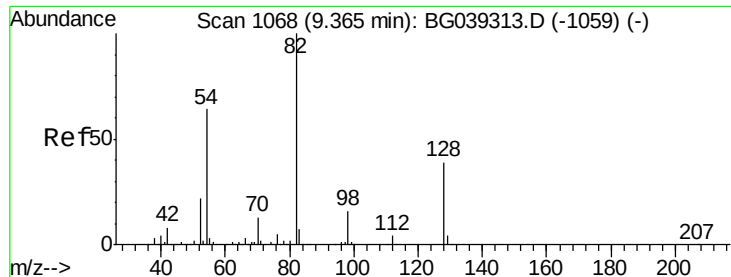
136 100

137 12.5 9.1 13.7

54 11.2 9.4 14.2

68 6.4 4.2 6.4#

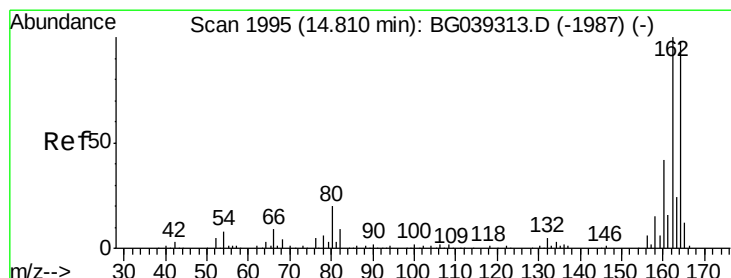
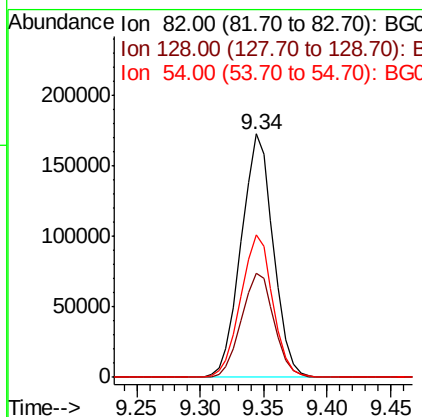
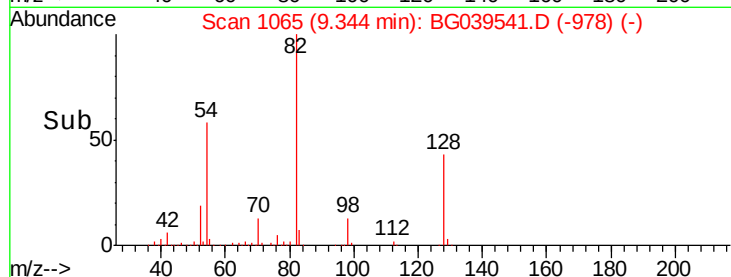
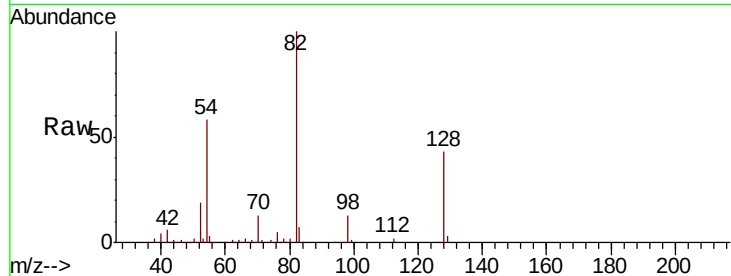




#23
Nitrobenzene-d5
Concen: 73.399 ng
RT: 9.34 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039541.D
Acq: 18 Feb 2019 16:08

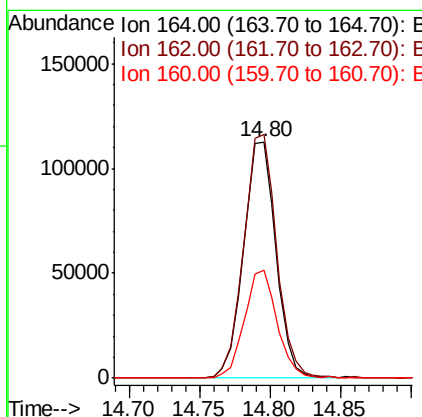
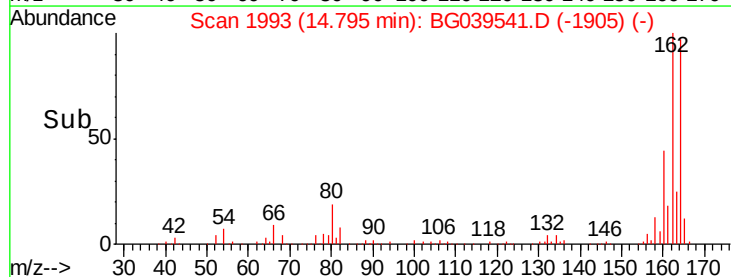
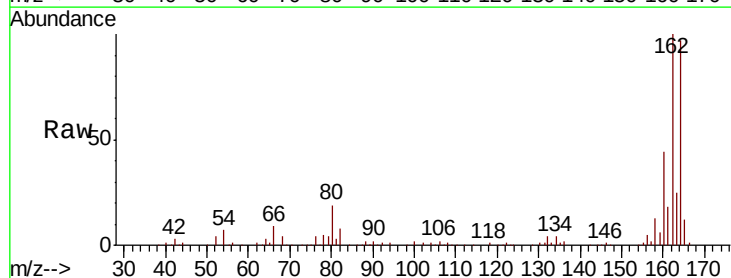
Instrument :
BNA_G
ClientSampleId :
M-12-D

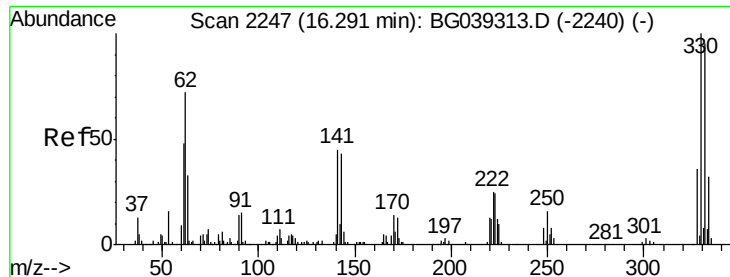
Tot Ion	82	Resp	303703
Ion Ratio	100	Lower	Upper
128	43.0	31.3	46.9
54	58.4	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.02 min
Lab File: BG039541.D
Acq: 18 Feb 2019 16:08

Tgt Ion	164	Resp	181782
Ion Ratio	100	Lower	Upper
162	103.1	81.6	122.4
160	45.4	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 101.164 ng

RT: 16.28 min Scan# 2245

Delta R.T. -0.02 min

Lab File: BG039541.D

Acq: 18 Feb 2019 16:08

Instrument :

BNA_G

ClientSampleId :

M-12-D

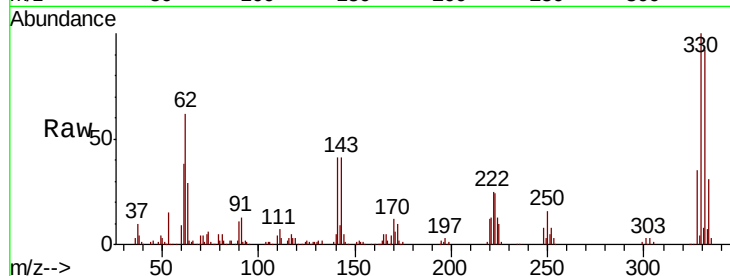
Tot Ion:330 Resp: 198026

Ion Ratio Lower Upper

330 100

332 97.0 75.7 113.5

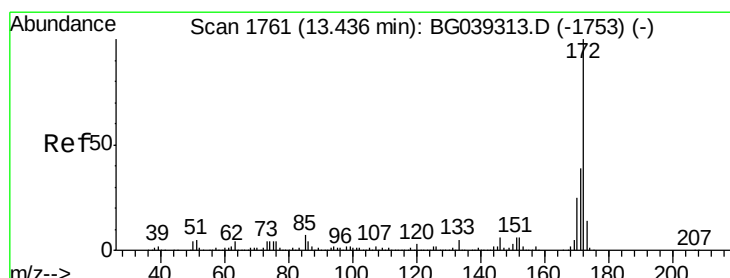
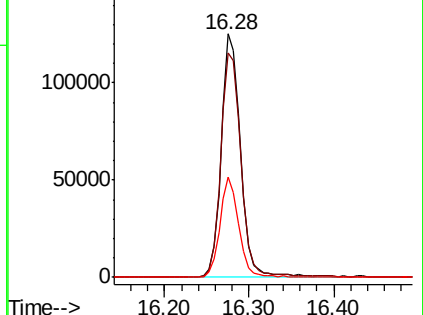
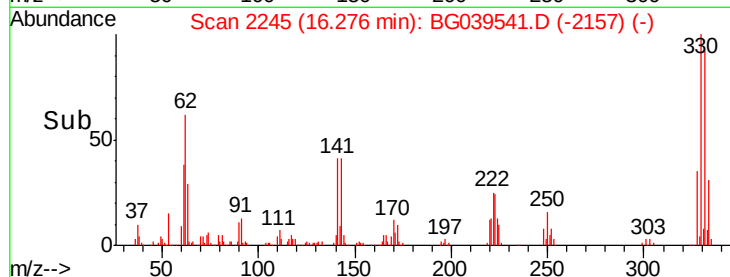
141 40.6 35.6 53.4



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: 61.838 ng

RT: 13.41 min Scan# 1758

Delta R.T. -0.02 min

Lab File: BG039541.D

Acq: 18 Feb 2019 16:08

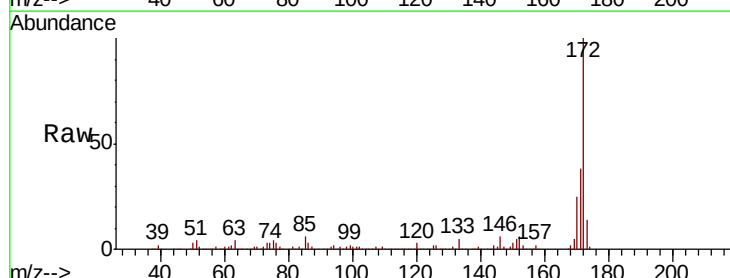
Tgt Ion:172 Resp: 783594

Ion Ratio Lower Upper

172 100

171 37.8 30.8 46.2

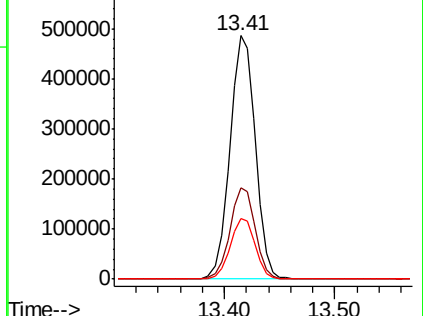
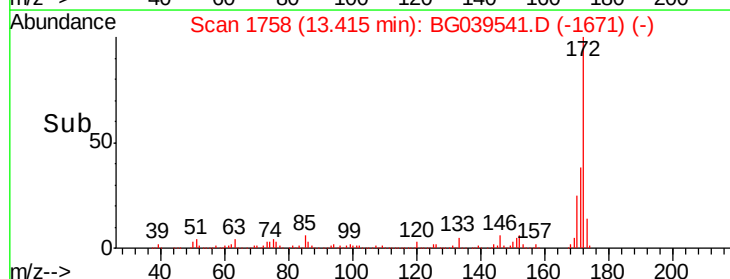
170 25.1 20.2 30.4

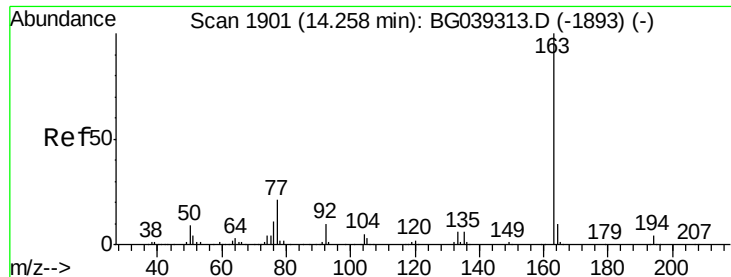


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 4.064 ng

RT: 14.23 min Scan# 1897

Delta R.T. -0.03 min

Lab File: BG039541.D

Acq: 18 Feb 2019 16:08

Instrument :

BNA_G

ClientSampled :

M-12-D

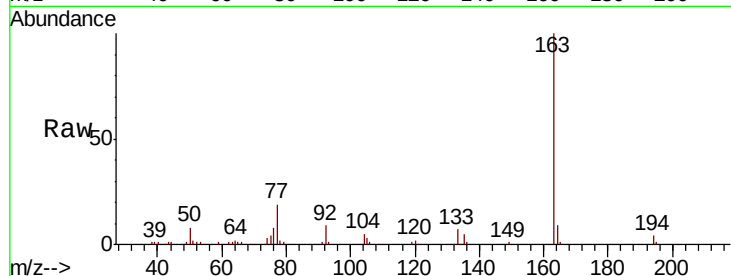
Tot Ion:163 Resp: 59660

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

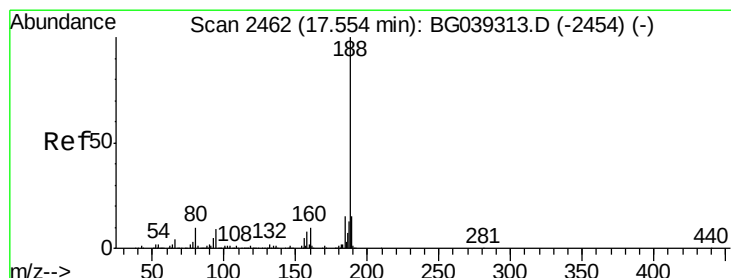
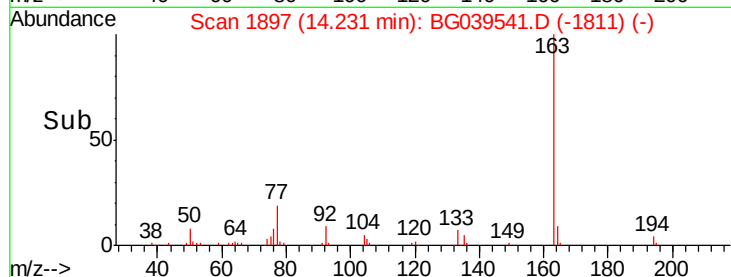
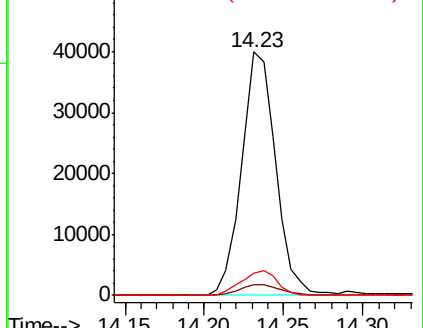
164 9.1 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.02 min

Lab File: BG039541.D

Acq: 18 Feb 2019 16:08

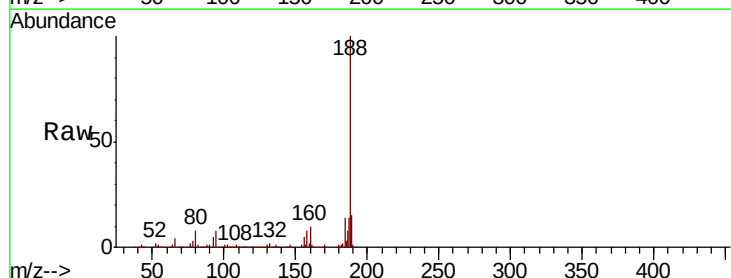
Tgt Ion:188 Resp: 434237

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

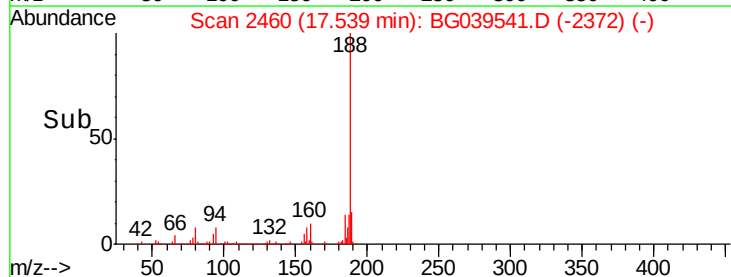
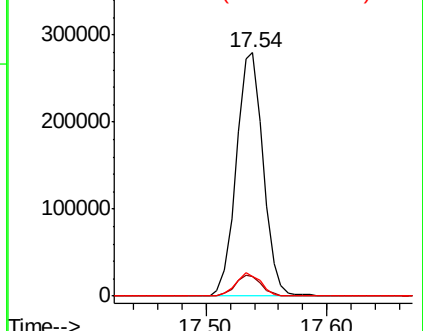
80 8.2 8.1 12.1

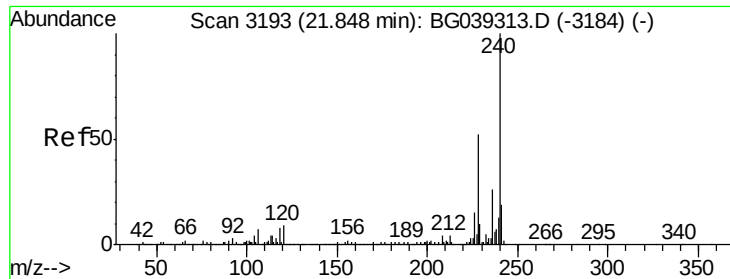


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

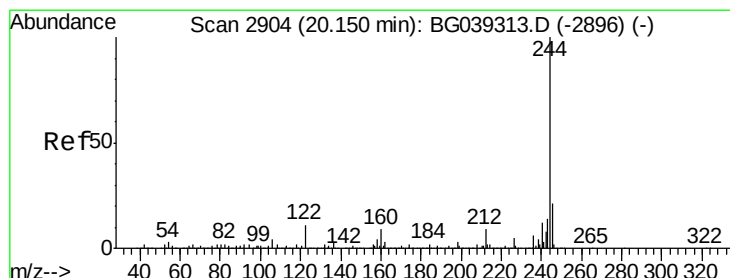
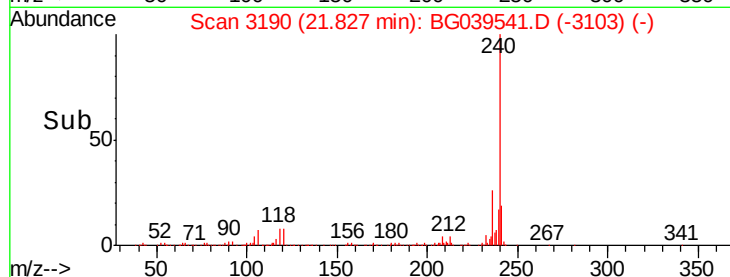
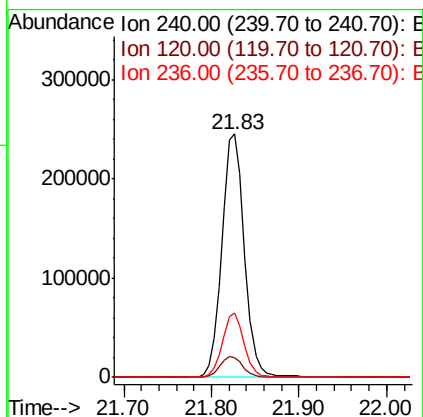
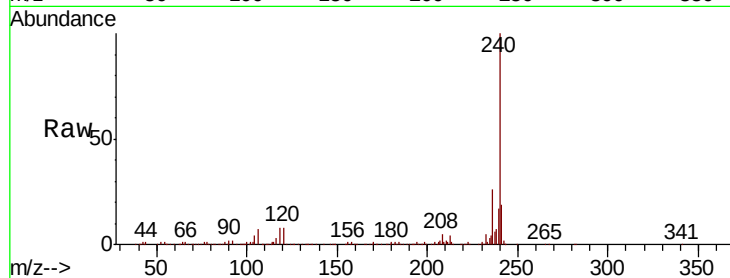




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.83 min Scan# 3190
Delta R.T. -0.02 min
Lab File: BG039541.D
Acq: 18 Feb 2019 16:08

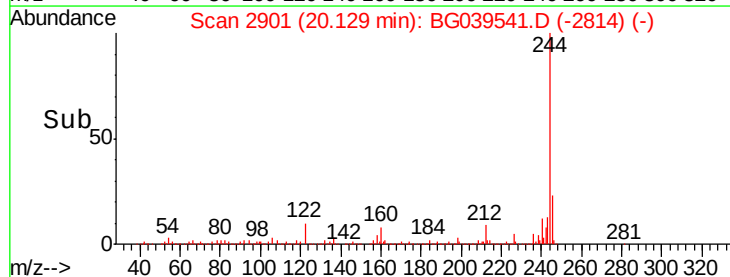
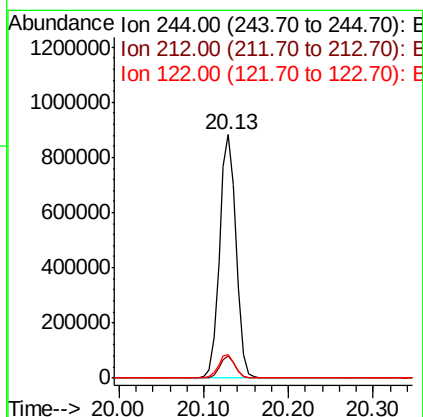
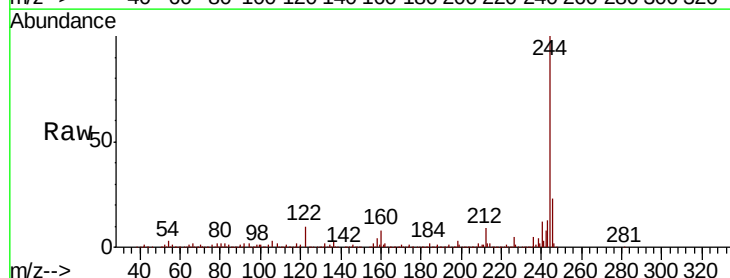
Instrument :
BNA_G
ClientSampleId :
M-12-D

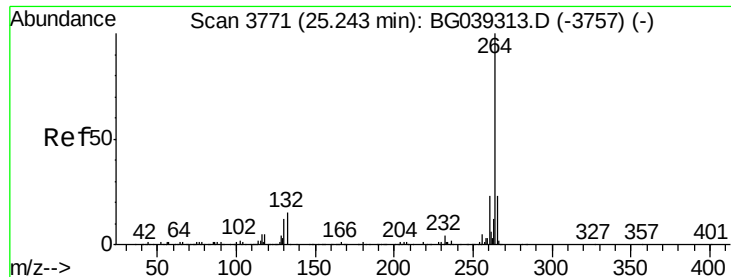
Tot Ion:240 Resp: 435481
Ion Ratio Lower Upper
240 100
120 8.2 7.0 10.6
236 26.3 21.0 31.4



#79
Terphenyl-d14
Concen: 58.450 ng
RT: 20.13 min Scan# 2901
Delta R.T. -0.02 min
Lab File: BG039541.D
Acq: 18 Feb 2019 16:08

Tgt Ion:244 Resp: 1202530
Ion Ratio Lower Upper
244 100
212 9.1 7.3 10.9
122 9.7 8.4 12.6





#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3765
Delta R.T. -0.04 min
Lab File: BG039541.D
Acq: 18 Feb 2019 16:08

Instrument :
BNA_G
ClientSampleId :
M-12-D

Tot Ion:	264	Resp:	407189
Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.2	27.4
265	21.6	18.5	27.7

