

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
 Data File : BG039617.D
 Acq On : 27 Feb 2019 2:40
 Operator : JU/SJ
 Sample : K1597-12
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-22

Quant Time: Feb 27 06:45:19 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

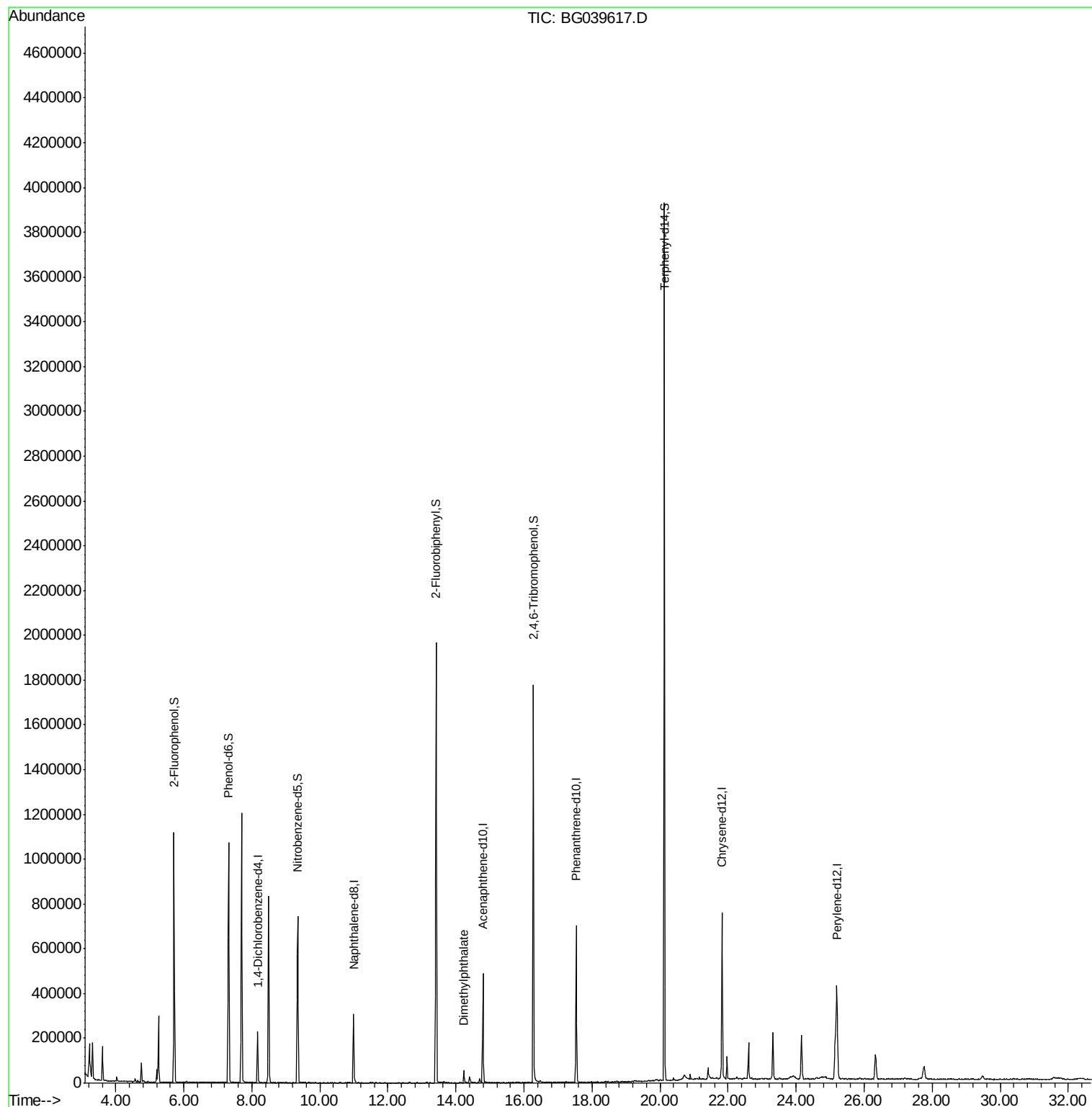
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	64291	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	265932	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	178169	20.00	ng	-0.02
64) Phenanthrene-d10	17.53	188	456507	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	483036	20.00	ng	-0.02
87) Perylene-d12	25.20	264	466374	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	472631	125.82	ng	0.00
7) Phenol-d6	7.31	99	614668	111.17	ng	0.00
23) Nitrobenzene-d5	9.35	82	450642	105.86	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	311618	162.42	ng	-0.01
45) 2-Fluorobiphenyl	13.41	172	1048324	84.41	ng	-0.02
79) Terphenyl-d14	20.13	244	1803235	79.02	ng	-0.02
Target Compounds						
50) Dimethylphthalate	14.23	163	39118	2.718	ng	Qvalue 97

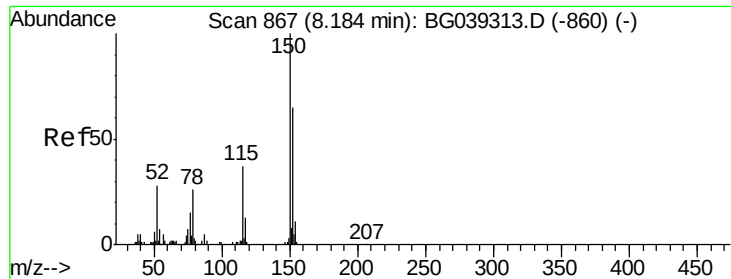
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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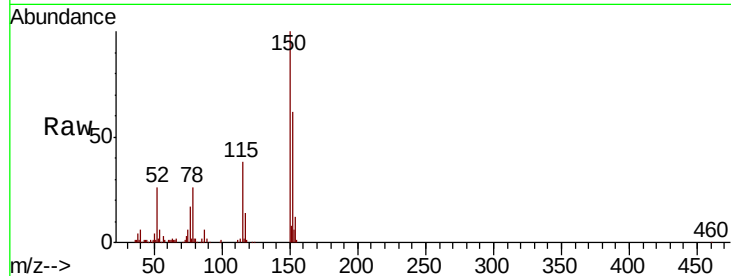


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039617.D
Acq: 27 Feb 2019 2:40

Instrument :
BNA_G
ClientSampleId :
TP-22

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.9	123.7	185.5
115	61.6	45.9	68.9

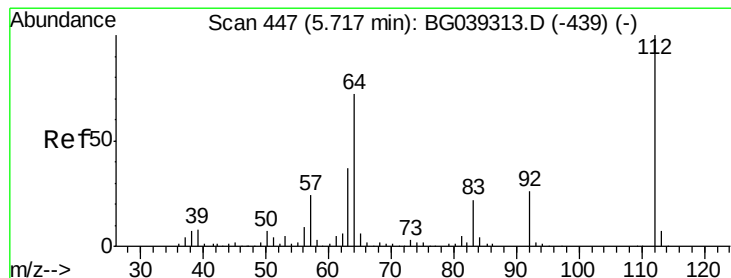
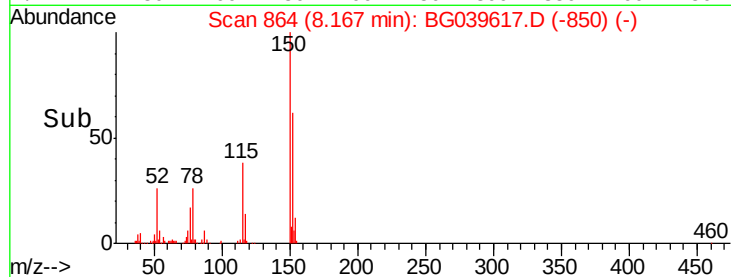
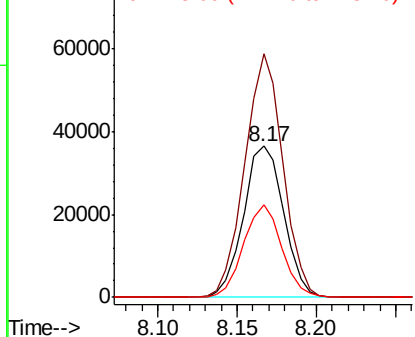


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

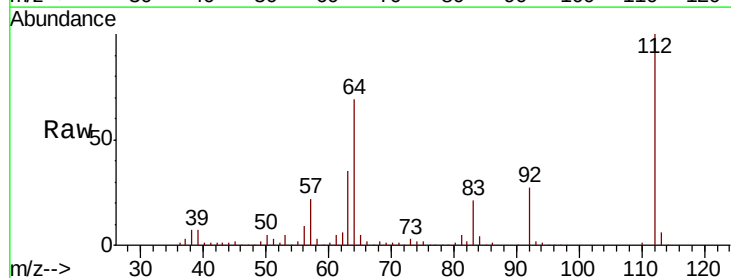
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 125.820 ng
RT: 5.72 min Scan# 447
Delta R.T. 0.00 min
Lab File: BG039617.D
Acq: 27 Feb 2019 2:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	57.8	86.8
63	35.2	29.8	44.6

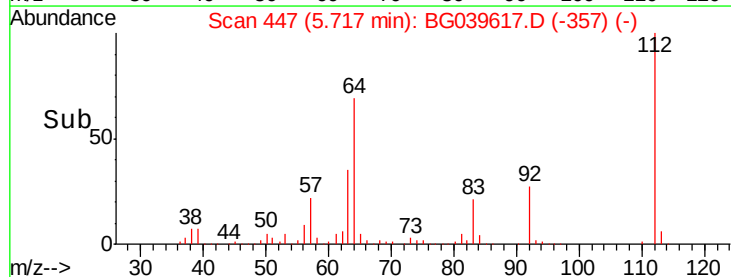
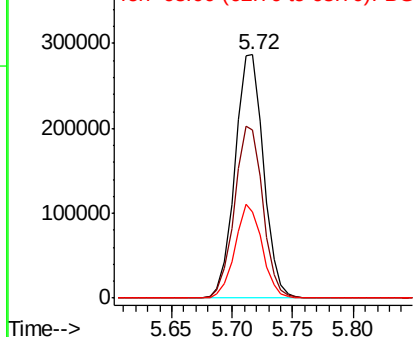


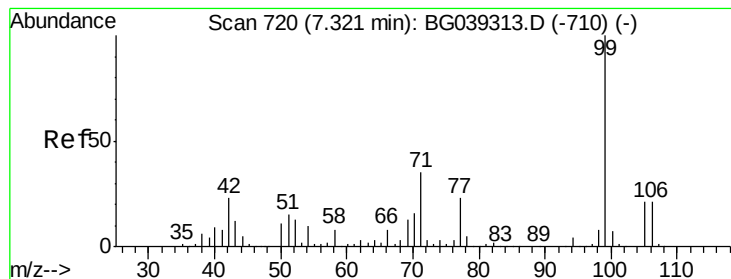
Abundance

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: 111.165 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039617.D

Acq: 27 Feb 2019 2:40

Instrument :

BNA_G

ClientSampled :

TP-22

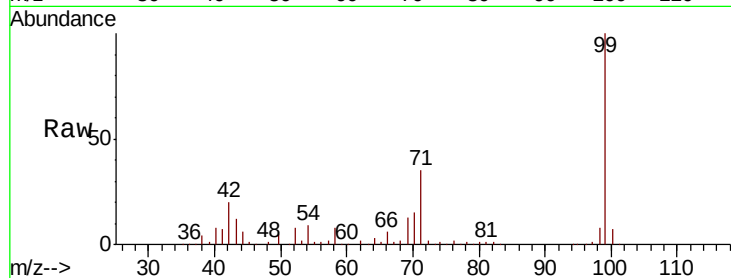
Tot Ion: 99 Resp: 614668

Ion Ratio Lower Upper

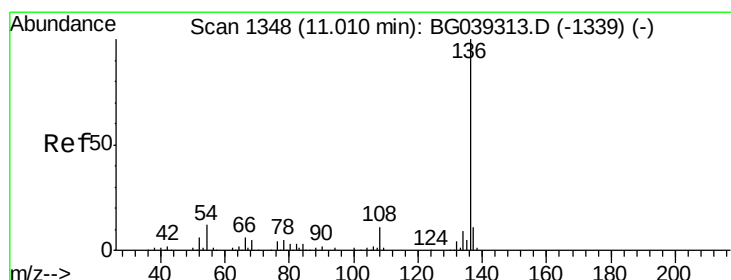
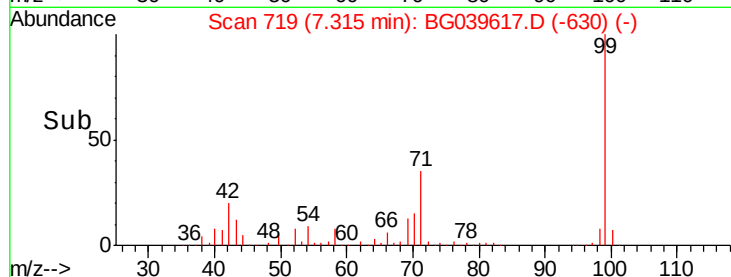
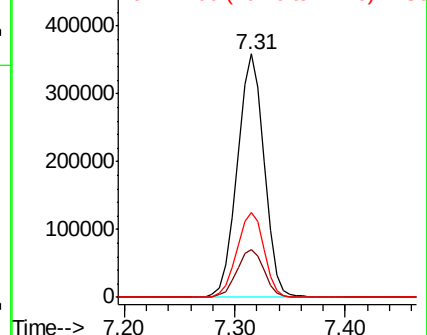
99 100

42 19.6 18.2 27.2

71 34.7 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# 1344

Delta R.T. -0.02 min

Lab File: BG039617.D

Acq: 27 Feb 2019 2:40

Tgt Ion: 136 Resp: 265932

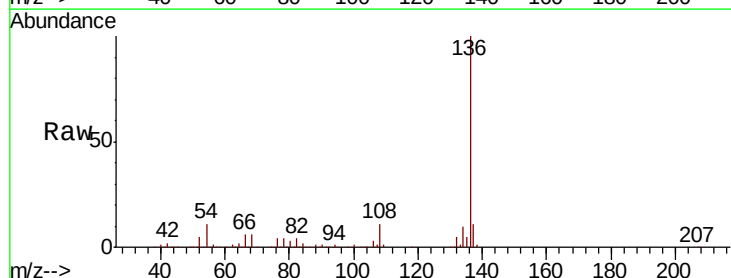
Ion Ratio Lower Upper

136 100

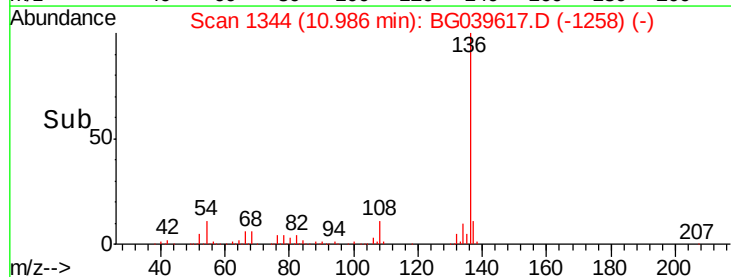
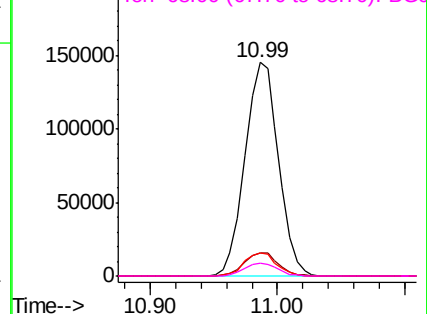
137 10.6 9.1 13.7

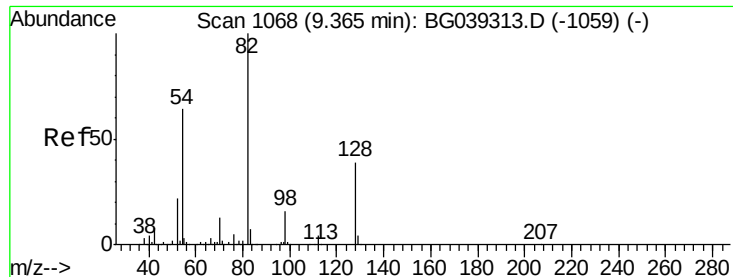
54 10.7 9.4 14.2

68 5.9 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

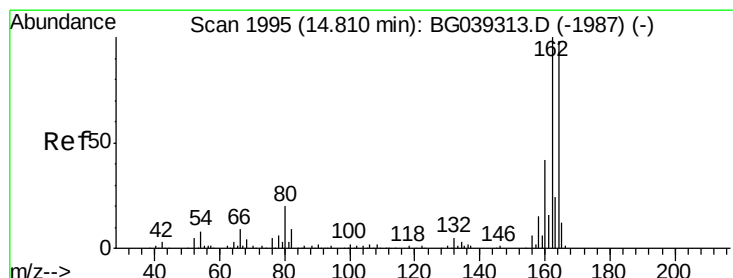
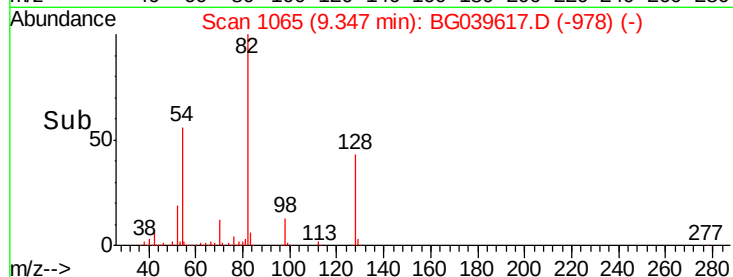
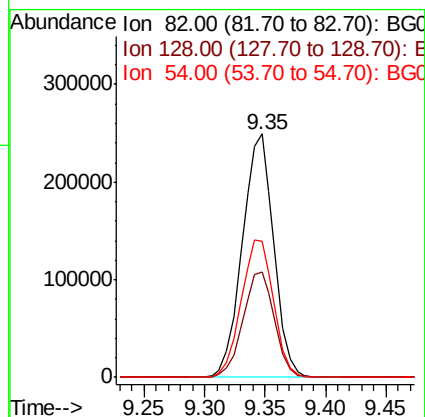
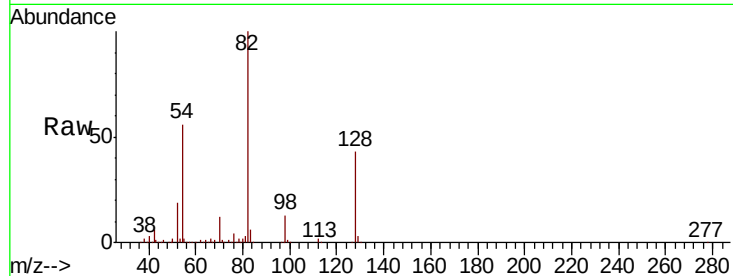




#23
 Nitrobenzene-d5
 Concen: 105.863 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039617.D
 Acq: 27 Feb 2019 2:40

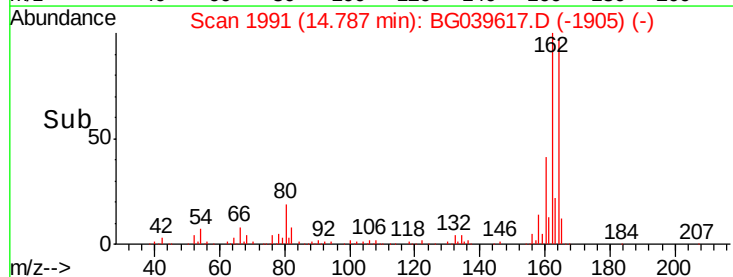
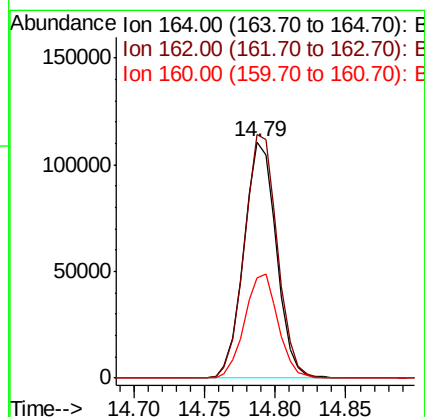
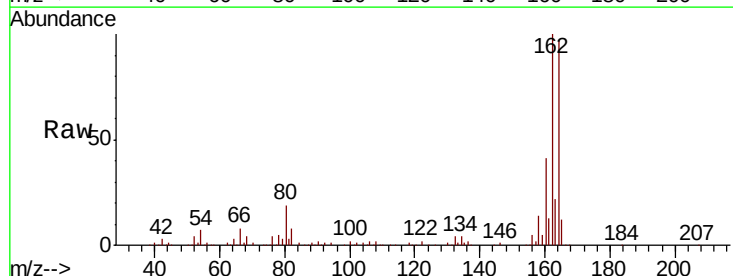
Instrument :
 BNA_G
 ClientSampleId :
 TP-22

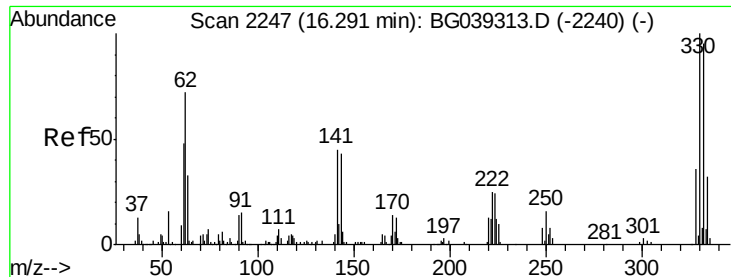
Tot Ion	82	Resp	450642
Ion Ratio	Lower	Upper	
82	100		
128	43.0	31.3	46.9
54	56.1	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1991
 Delta R.T. -0.02 min
 Lab File: BG039617.D
 Acq: 27 Feb 2019 2:40

Tgt Ion	164	Resp	178169
Ion Ratio	Lower	Upper	
164	100		
162	103.2	81.6	122.4
160	42.4	34.2	51.2

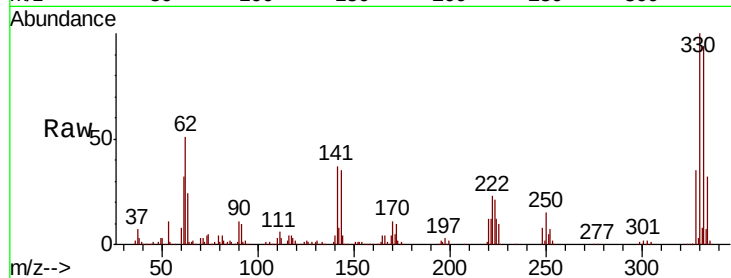




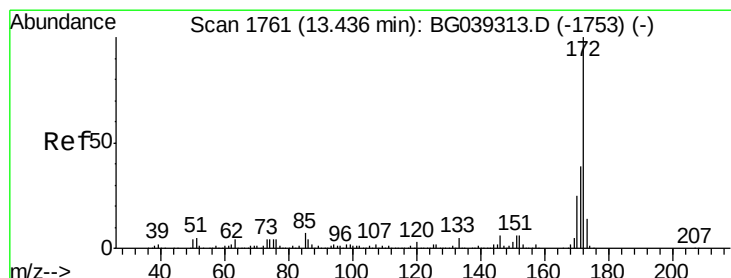
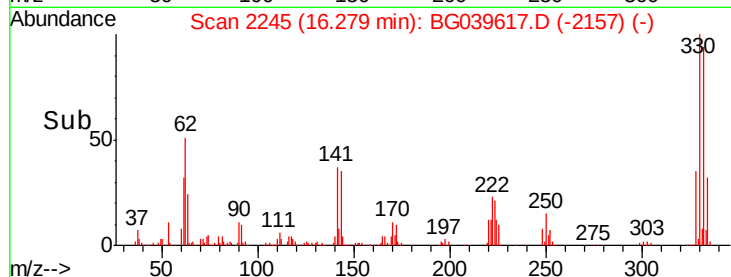
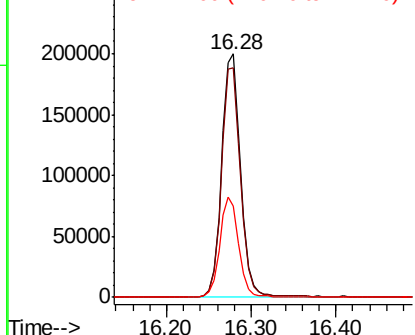
#42
 2,4,6-Tribromophenol
 Concen: 162.422 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039617.D
 Acq: 27 Feb 2019 2:40

Instrument :
 BNA_G
 ClientSampled :
 TP-22

Tot Ion:330 Resp: 311618
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.7 113.5
 141 40.9 35.6 53.4

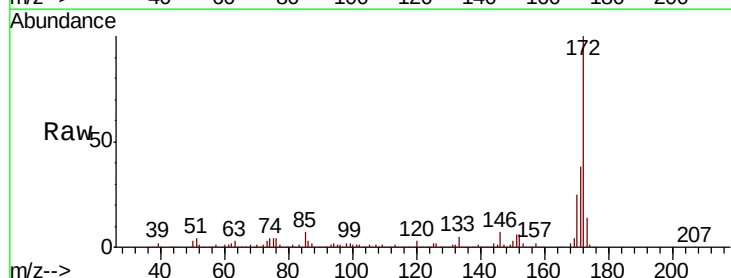


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

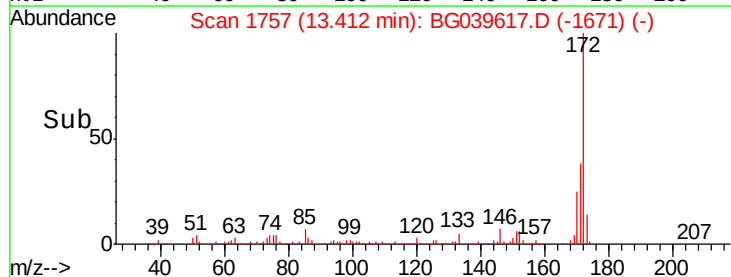
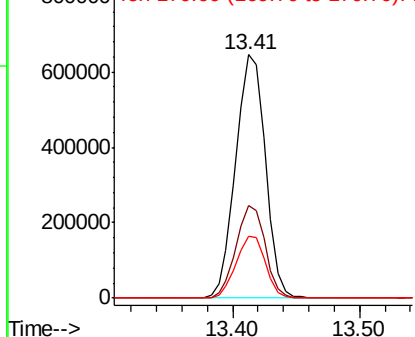


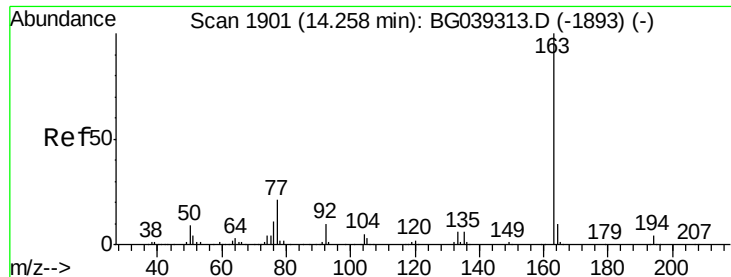
#45
 2-Fluorobiphenyl
 Concen: 84.407 ng
 RT: 13.41 min Scan# 1757
 Delta R.T. -0.02 min
 Lab File: BG039617.D
 Acq: 27 Feb 2019 2:40

Tgt Ion:172 Resp: 1048324
 Ion Ratio Lower Upper
 172 100
 171 38.2 30.8 46.2
 170 25.5 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: 2.718 ng

RT: 14.23 min Scan# 1896

Delta R.T. -0.03 min

Lab File: BG039617.D

Acq: 27 Feb 2019 2:40

Instrument :

BNA_G

ClientSampleId :

TP-22

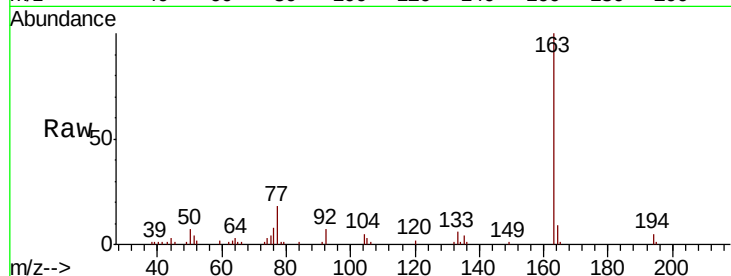
Tot Ion:163 Resp: 39118

Ion Ratio Lower Upper

163 100

194 5.0 3.6 5.4

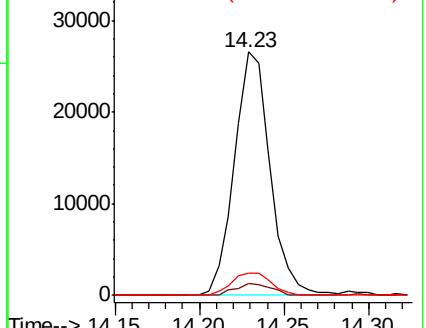
164 9.2 8.4 12.6



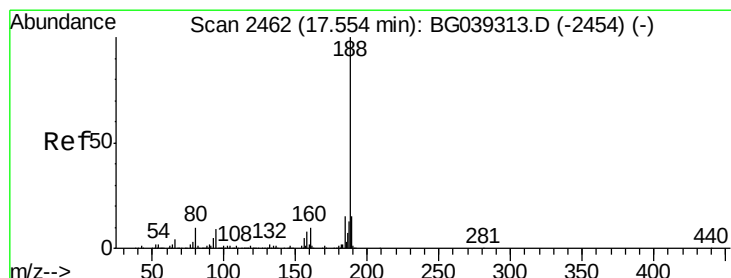
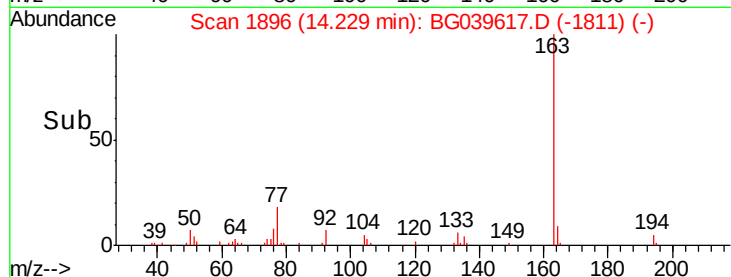
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



Time--> 14.15 14.20 14.25 14.30



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.02 min

Lab File: BG039617.D

Acq: 27 Feb 2019 2:40

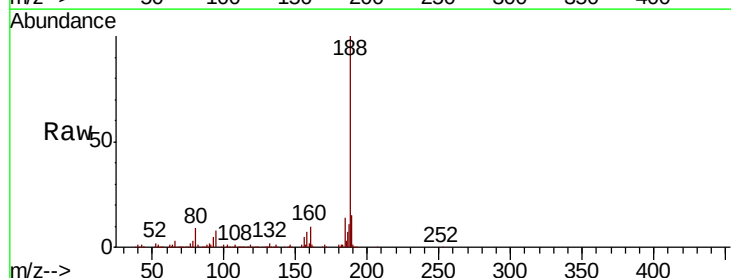
Tgt Ion:188 Resp: 456507

Ion Ratio Lower Upper

188 100

94 8.0 6.9 10.3

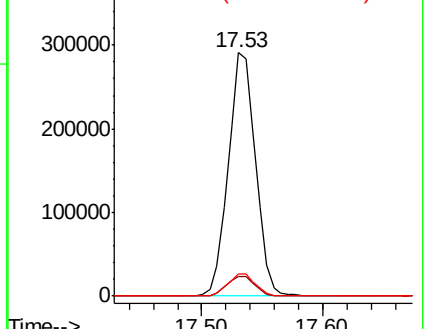
80 9.1 8.1 12.1



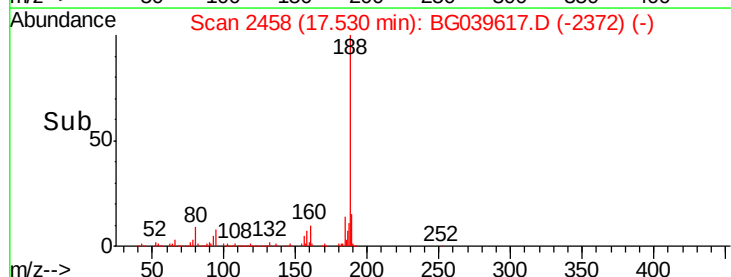
Abundance Ion 188.00 (187.70 to 188.70): E

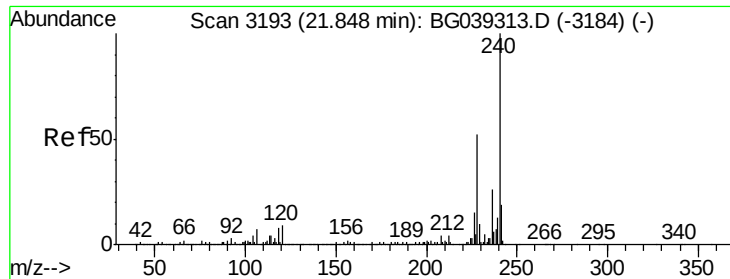
Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.50 17.60

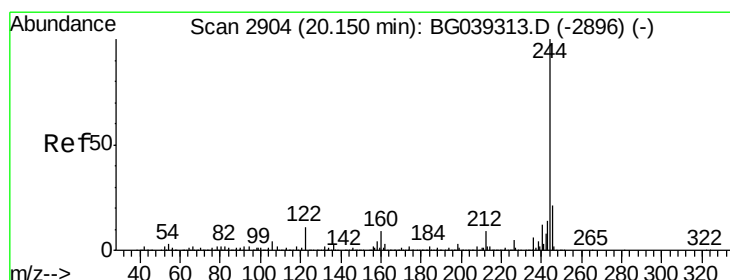
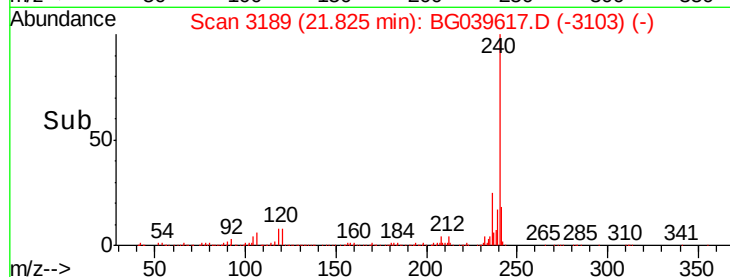
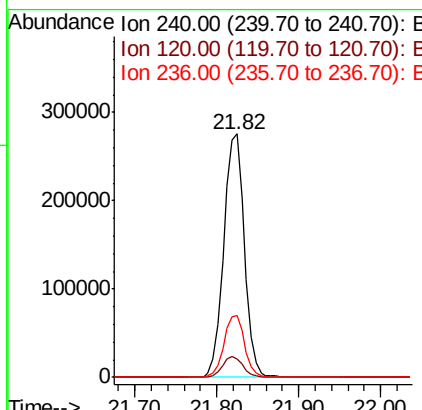
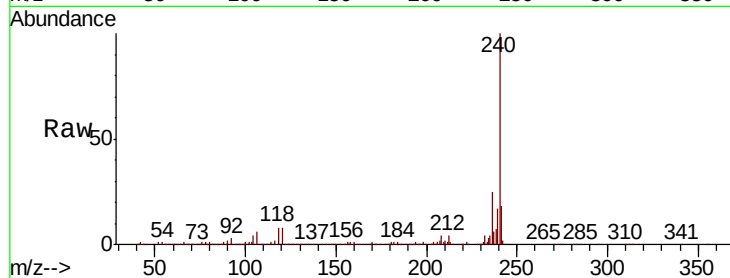




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.82 min Scan# 3189
Delta R.T. -0.02 min
Lab File: BG039617.D
Acq: 27 Feb 2019 2:40

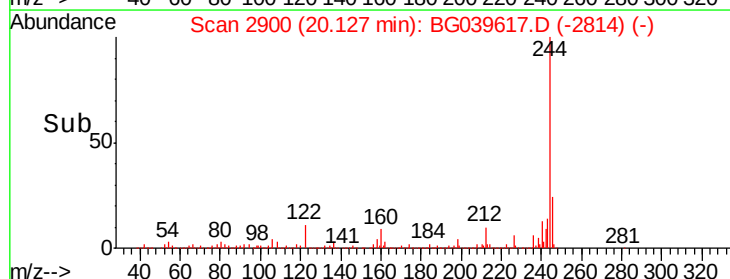
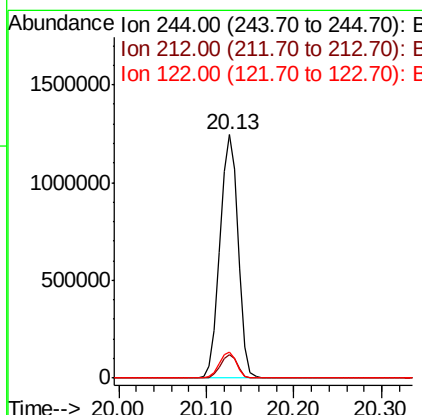
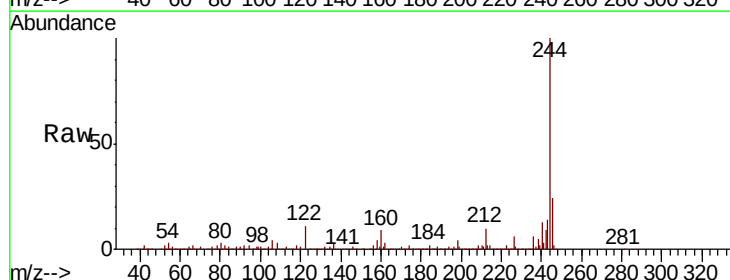
Instrument :
BNA_G
ClientSampleId :
TP-22

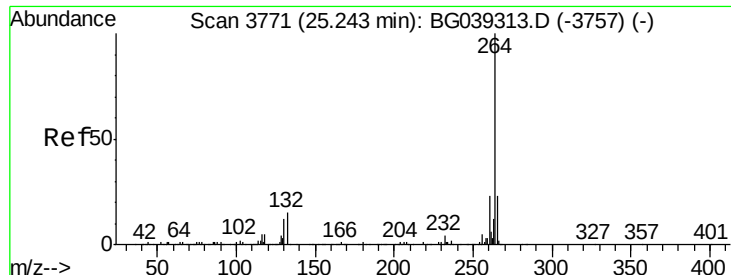
Tot Ion:240 Resp: 483036
Ion Ratio Lower Upper
240 100
120 7.7 7.0 10.6
236 25.5 21.0 31.4



#79
Terphenyl-d14
Concen: 79.019 ng
RT: 20.13 min Scan# 2900
Delta R.T. -0.02 min
Lab File: BG039617.D
Acq: 27 Feb 2019 2:40

Tgt Ion:244 Resp: 1803235
Ion Ratio Lower Upper
244 100
212 9.9 7.3 10.9
122 10.5 8.4 12.6

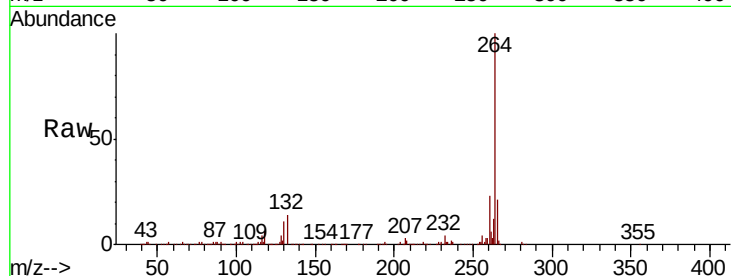




#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.20 min Scan# 3763
Delta R.T. -0.05 min
Lab File: BG039617.D
Acq: 27 Feb 2019 2:40

Instrument :
BNA_G
ClientSampleId :
TP-22

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.2	27.4
265	21.0	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

