

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022519\
 Data File : BG039594.D
 Acq On : 25 Feb 2019 19:50
 Operator : JU/SJ
 Sample : K1356-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-022219-A

Quant Time: Feb 26 00:54:33 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	55854	20.00	ng	-0.02
21) Naphthalene-d8	10.99	136	244595	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	172427	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	404886	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	401512	20.00	ng	-0.02
87) Perylene-d12	25.21	264	289131	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	476762	146.09	ng	0.00
7) Phenol-d6	7.31	99	644893	134.25	ng	0.00
23) Nitrobenzene-d5	9.35	82	460593	117.64	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	202122	108.86	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1090790	90.75	ng	-0.02
79) Terphenyl-d14	20.13	244	1727291	91.06	ng	-0.02

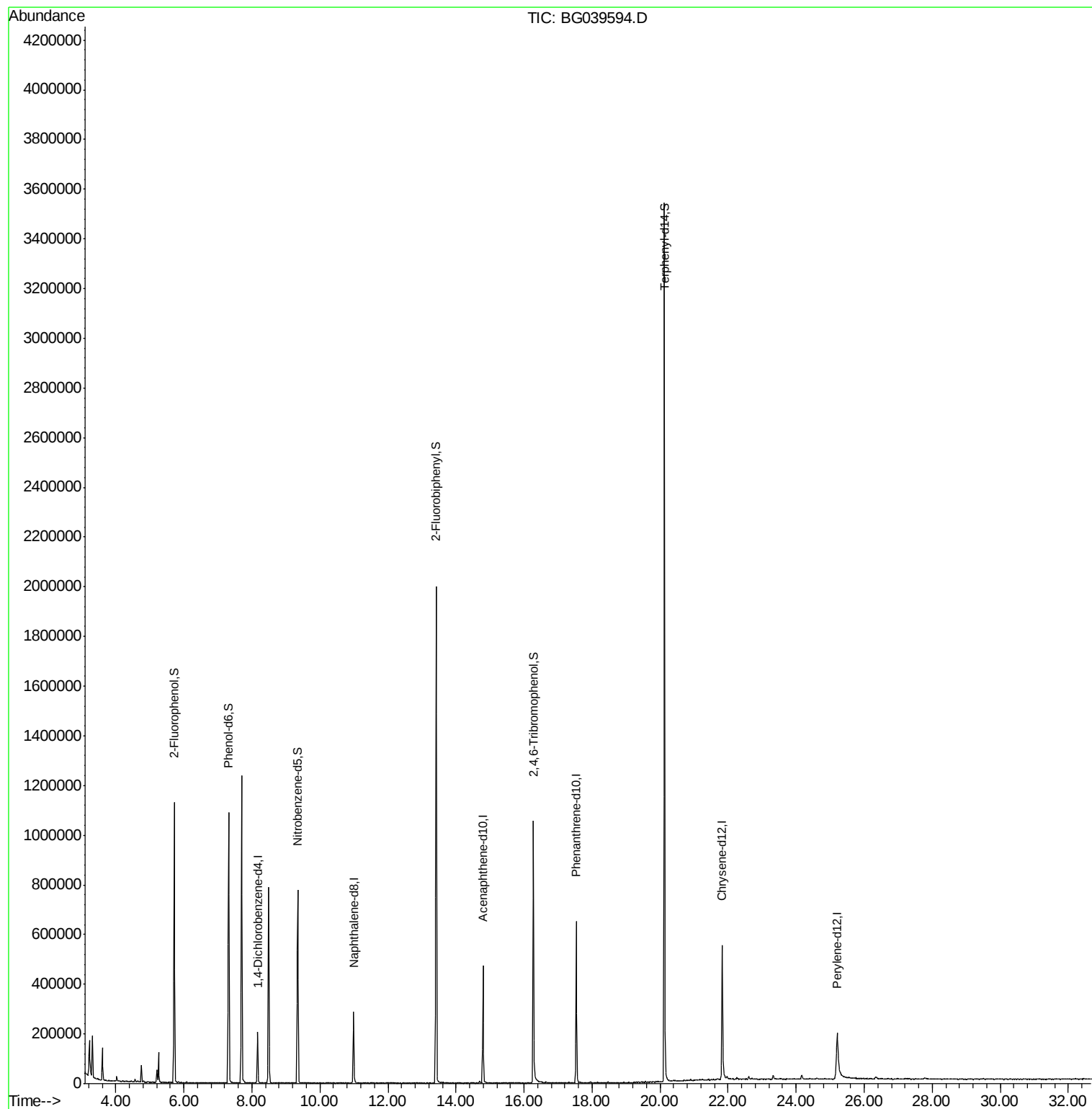
Target Compounds Qvalue

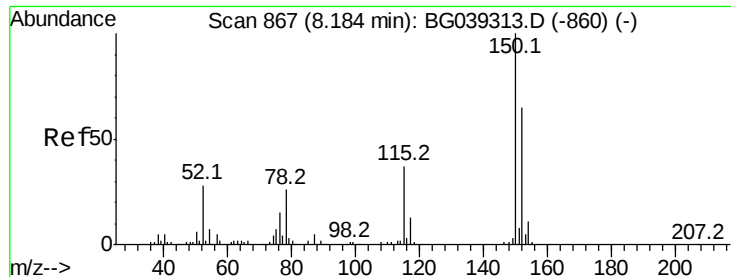
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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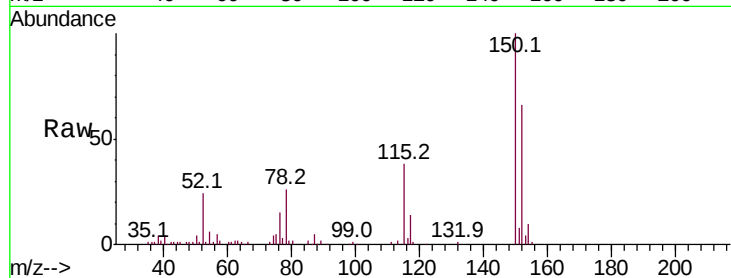


#1

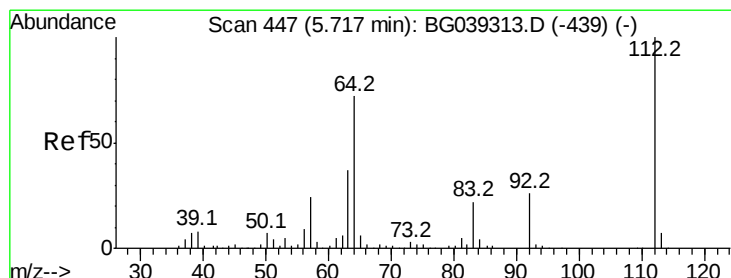
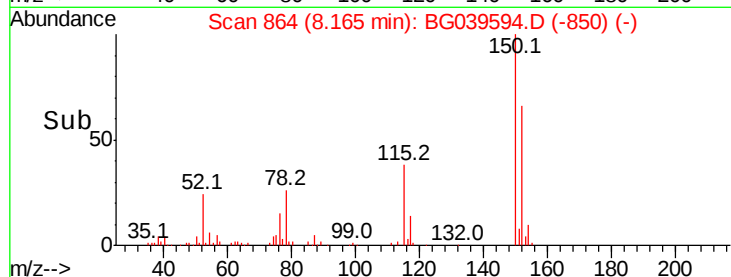
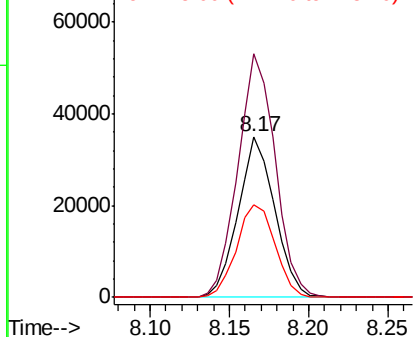
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 864
Delta R.T. -0.02 min
Lab File: BG039594.D
Acq: 25 Feb 2019 19:50

Instrument :
BNA_G
ClientSampleId :
SU-02-022219-A

Tot Ion:152 Resp: 55854
Ion Ratio Lower Upper
152 100
150 151.7 123.7 185.5
115 57.9 45.9 68.9



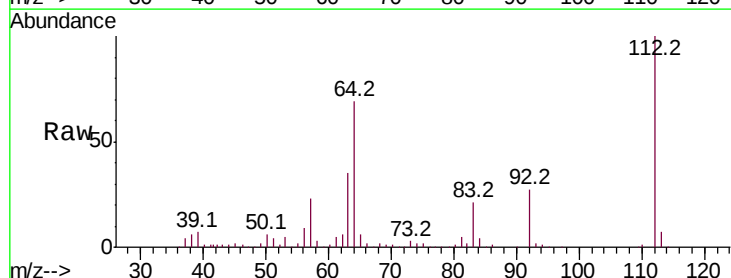
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



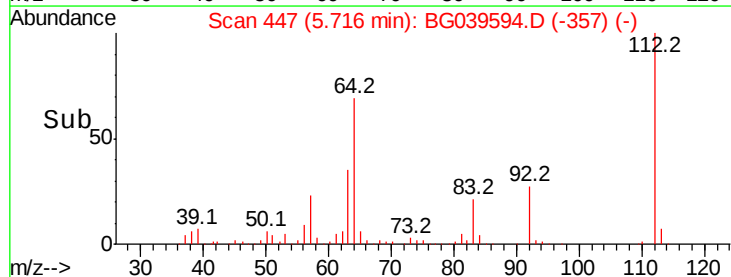
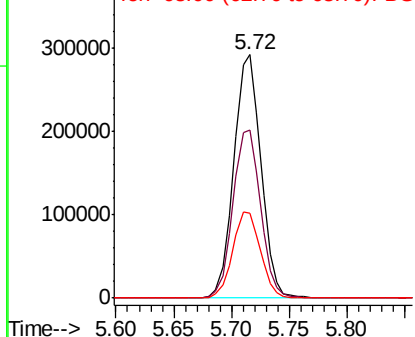
#5

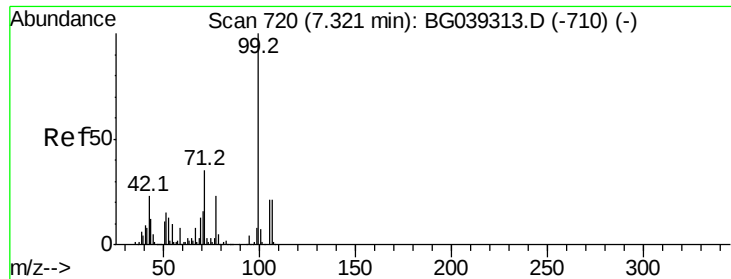
2-Fluorophenol
Concen: 146.092 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039594.D
Acq: 25 Feb 2019 19:50

Tgt Ion:112 Resp: 476762
Ion Ratio Lower Upper
112 100
64 69.1 57.8 86.8
63 35.1 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: 134.250 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039594.D

Acq: 25 Feb 2019 19:50

Instrument :

BNA_G

ClientSampleId :

SU-02-022219-A

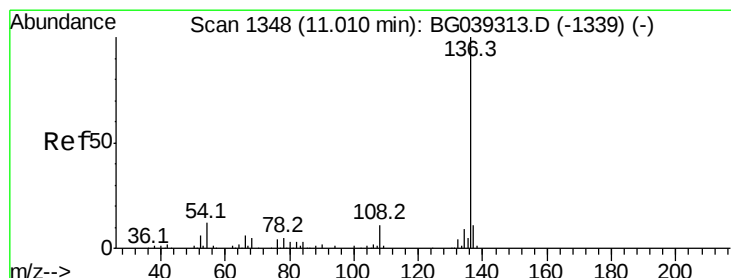
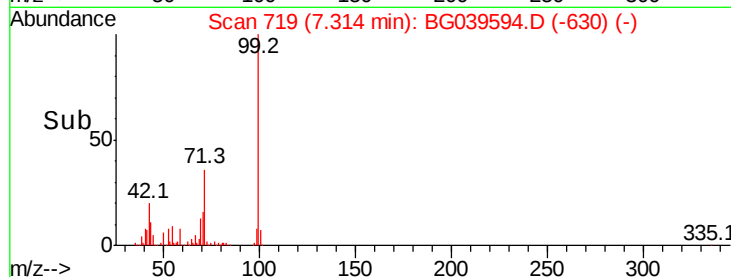
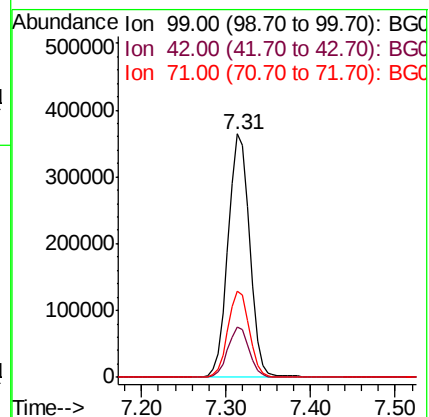
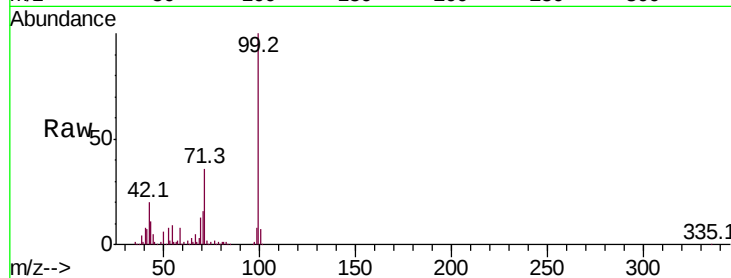
Tot Ion: 99 Resp: 644893

Ion Ratio Lower Upper

99 100

42 20.5 18.2 27.2

71 35.6 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: BG039594.D

Acq: 25 Feb 2019 19:50

Tgt Ion: 136 Resp: 244595

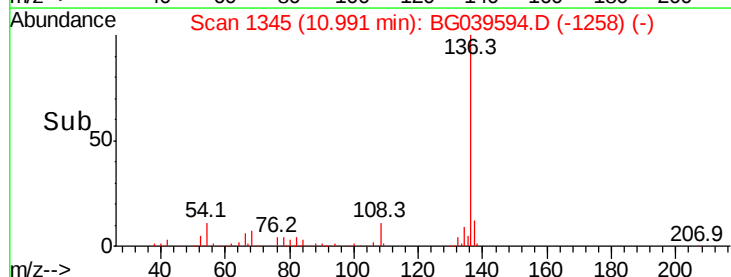
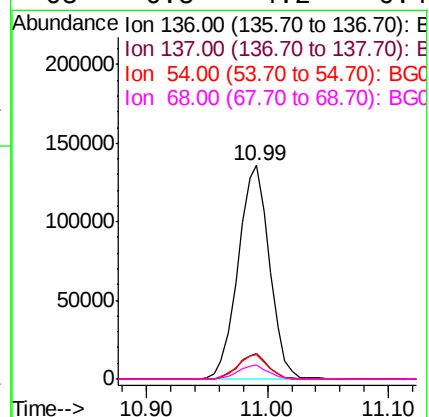
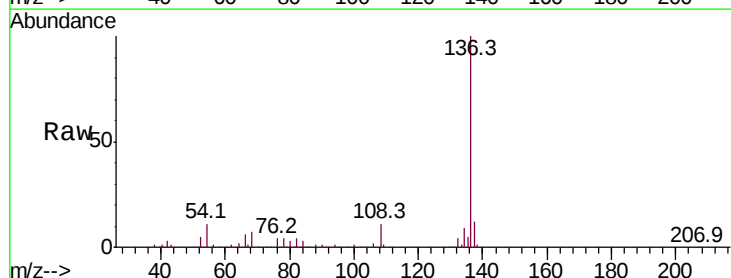
Ion Ratio Lower Upper

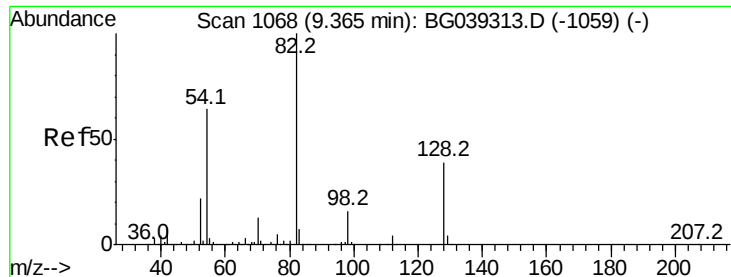
136 100

137 11.8 9.1 13.7

54 11.2 9.4 14.2

68 6.5 4.2 6.4#

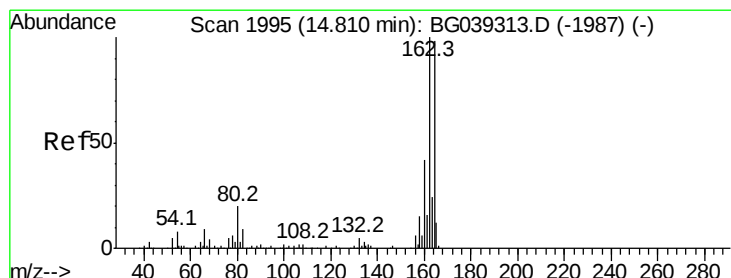
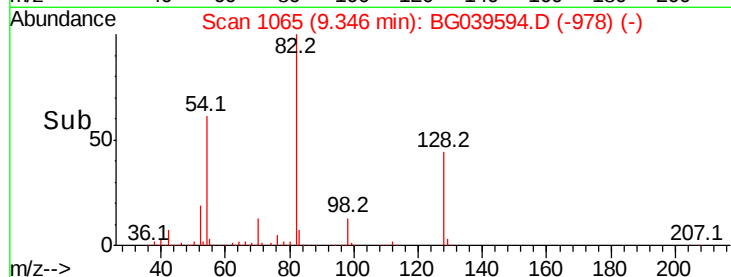
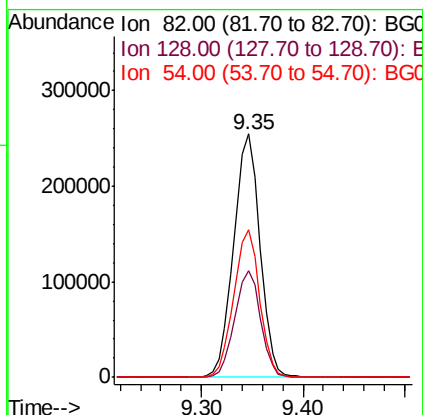
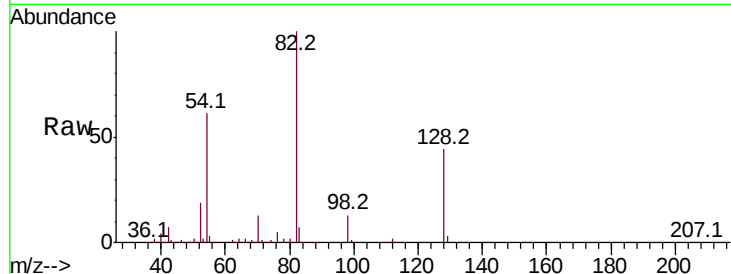




#23
 Nitrobenzene-d5
 Concen: 117.639 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.02 min
 Lab File: BG039594.D
 Acq: 25 Feb 2019 19:50

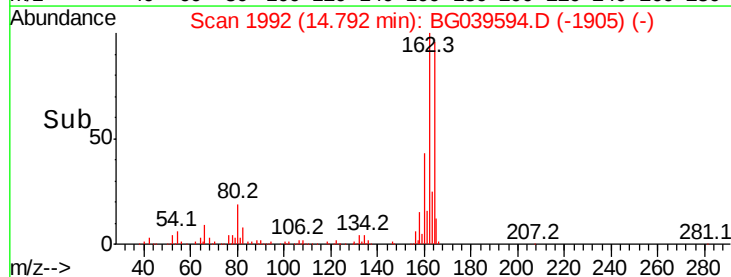
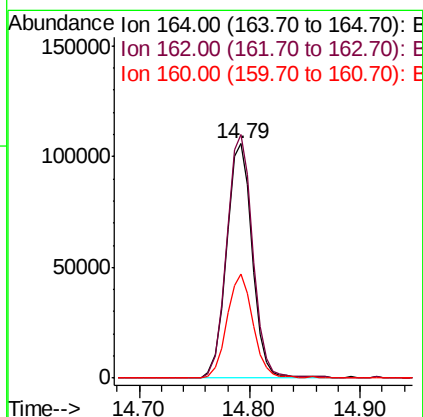
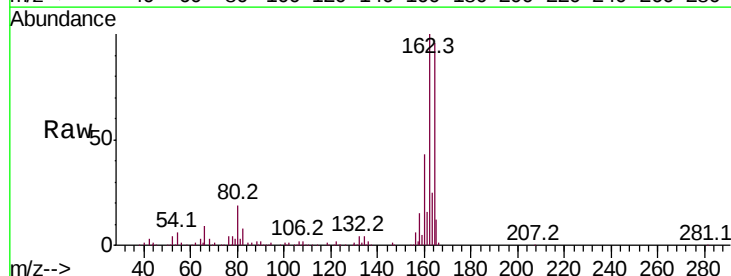
Instrument :
 BNA_G
 ClientSampleId :
 SU-02-022219-A

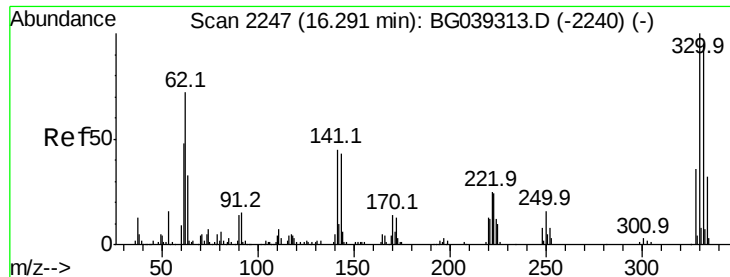
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.8	31.3	46.9
54	60.5	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.02 min
 Lab File: BG039594.D
 Acq: 25 Feb 2019 19:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.6	122.4
160	44.4	34.2	51.2

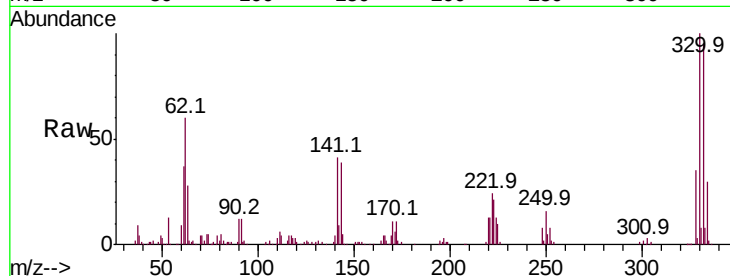




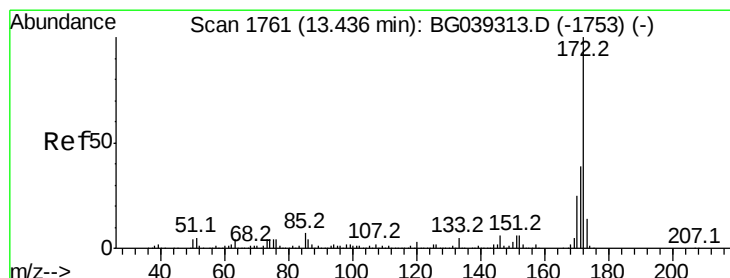
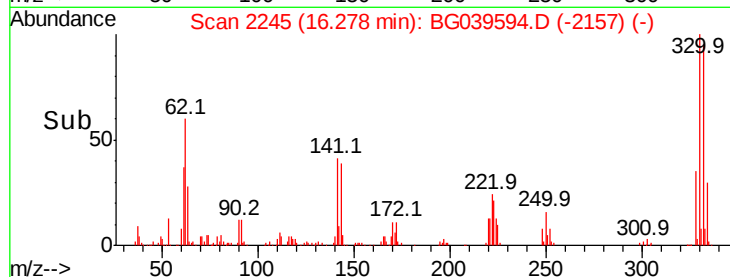
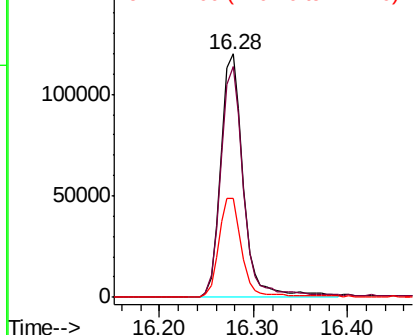
#42
 2,4,6-Tribromophenol
 Concen: 108.858 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039594.D
 Acq: 25 Feb 2019 19:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-022219-A

Tot Ion:330 Resp: 202122
 Ion Ratio Lower Upper
 330 100
 332 97.0 75.7 113.5
 141 41.6 35.6 53.4

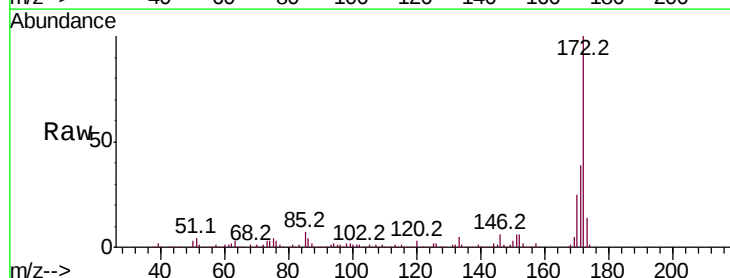


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

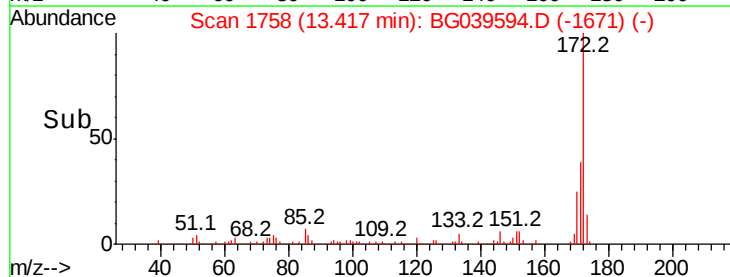
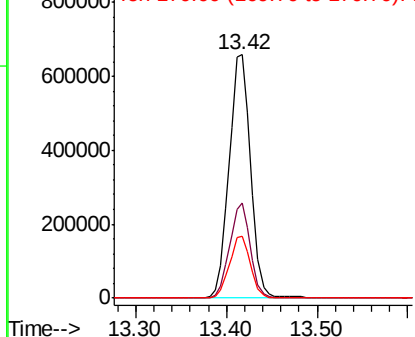


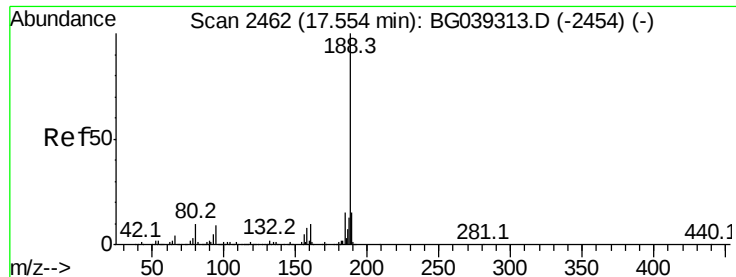
#45
 2-Fluorobiphenyl
 Concen: 90.751 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039594.D
 Acq: 25 Feb 2019 19:50

Tgt Ion:172 Resp: 1090790
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.8 46.2
 170 25.3 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: 17.54 min Scan# 2459

Delta R.T. -0.02 min

Lab File: BG039594.D

Acq: 25 Feb 2019 19:50

Instrument :

BNA_G

ClientSampleId :

SU-02-022219-A

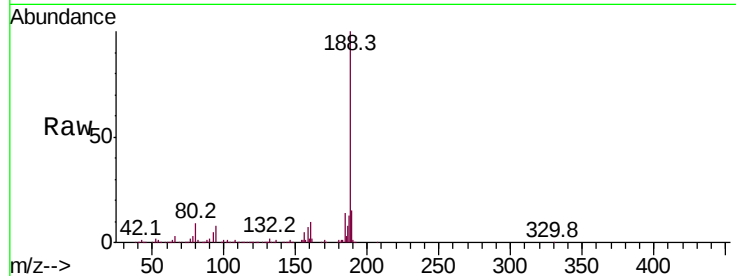
Tot Ion:188 Resp: 404886

Ion Ratio Lower Upper

188 100

94 8.4 6.9 10.3

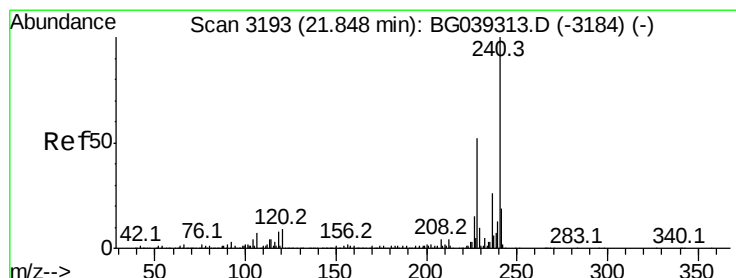
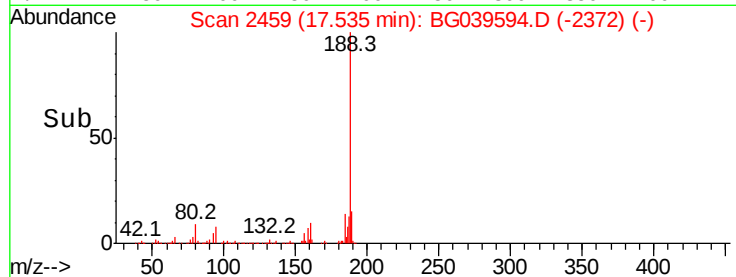
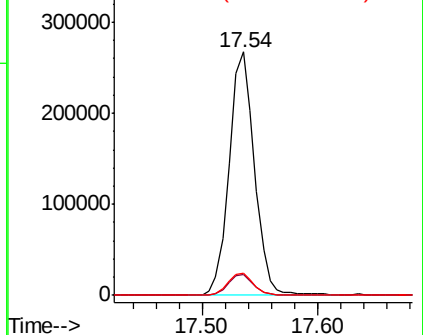
80 9.0 8.1 12.1



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. -0.02 min

Lab File: BG039594.D

Acq: 25 Feb 2019 19:50

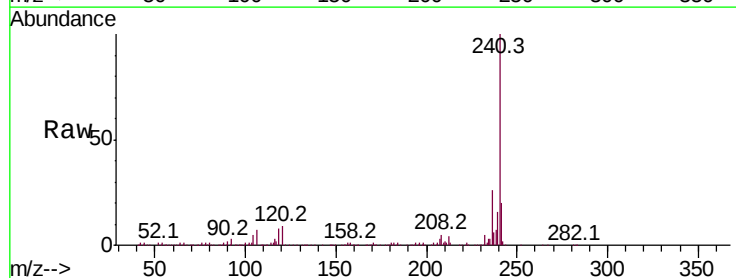
Tgt Ion:240 Resp: 401512

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

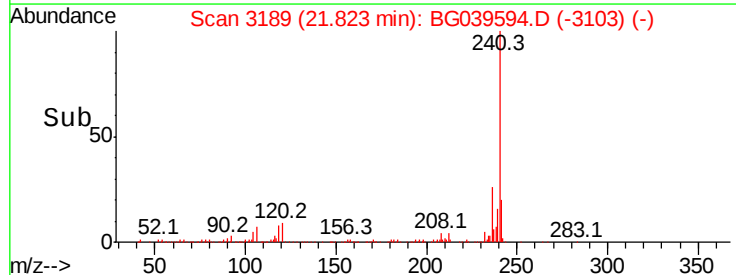
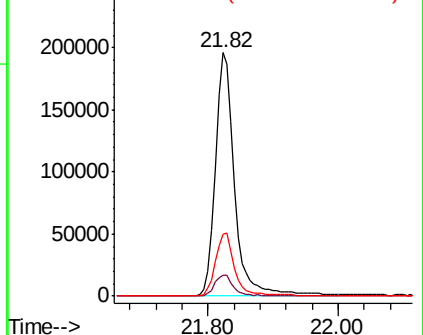
236 25.5 21.0 31.4

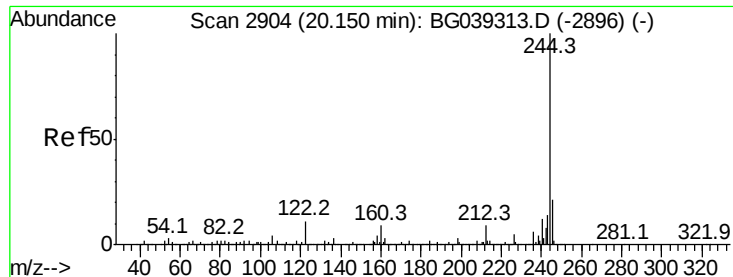


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

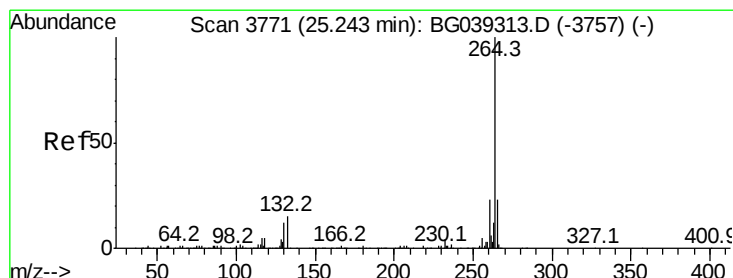
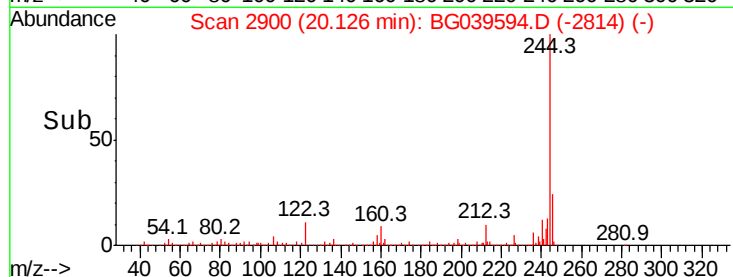
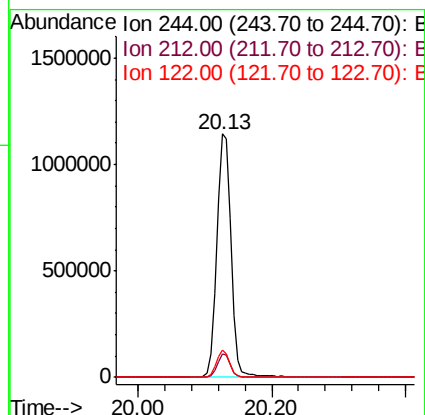
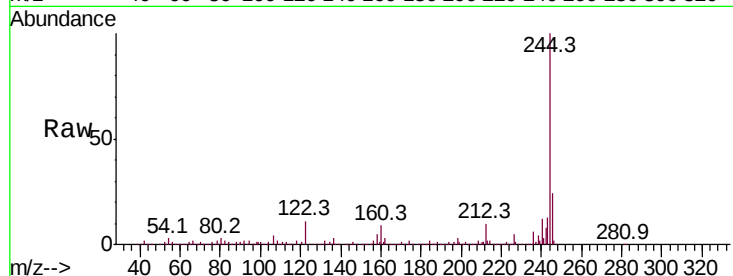




#79
 Terphenyl-d14
 Concen: 91.059 ng
 RT: 20.13 min Scan# 2900
 Delta R.T. -0.02 min
 Lab File: BG039594.D
 Acq: 25 Feb 2019 19:50

Instrument :
 BNA_G
 ClientSampleId :
 SU-02-022219-A

Tot Ion:244 Resp: 1727291
 Ion Ratio Lower Upper
 244 100
 212 9.8 7.3 10.9
 122 11.0 8.4 12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3765
 Delta R.T. -0.04 min
 Lab File: BG039594.D
 Acq: 25 Feb 2019 19:50

Tgt Ion:264 Resp: 289131
 Ion Ratio Lower Upper
 264 100
 260 23.5 18.2 27.4
 265 21.3 18.5 27.7

