

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021319\
 Data File : BG039502.D
 Acq On : 13 Feb 2019 23:56
 Operator : JU/SJ
 Sample : K1343-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-021119-J

Quant Time: Feb 14 03:14:22 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	45153	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	202151	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	149718	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	368229	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	391531	20.00	ng	-0.02
87) Perylene-d12	25.21	264	379220	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	402567	152.59	ng	0.00
7) Phenol-d6	7.31	99	534299	137.59	ng	-0.01
23) Nitrobenzene-d5	9.35	82	402424	124.36	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	242002	150.11	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1012978	97.06	ng	-0.02
79) Terphenyl-d14	20.13	244	1702915	92.06	ng	-0.02

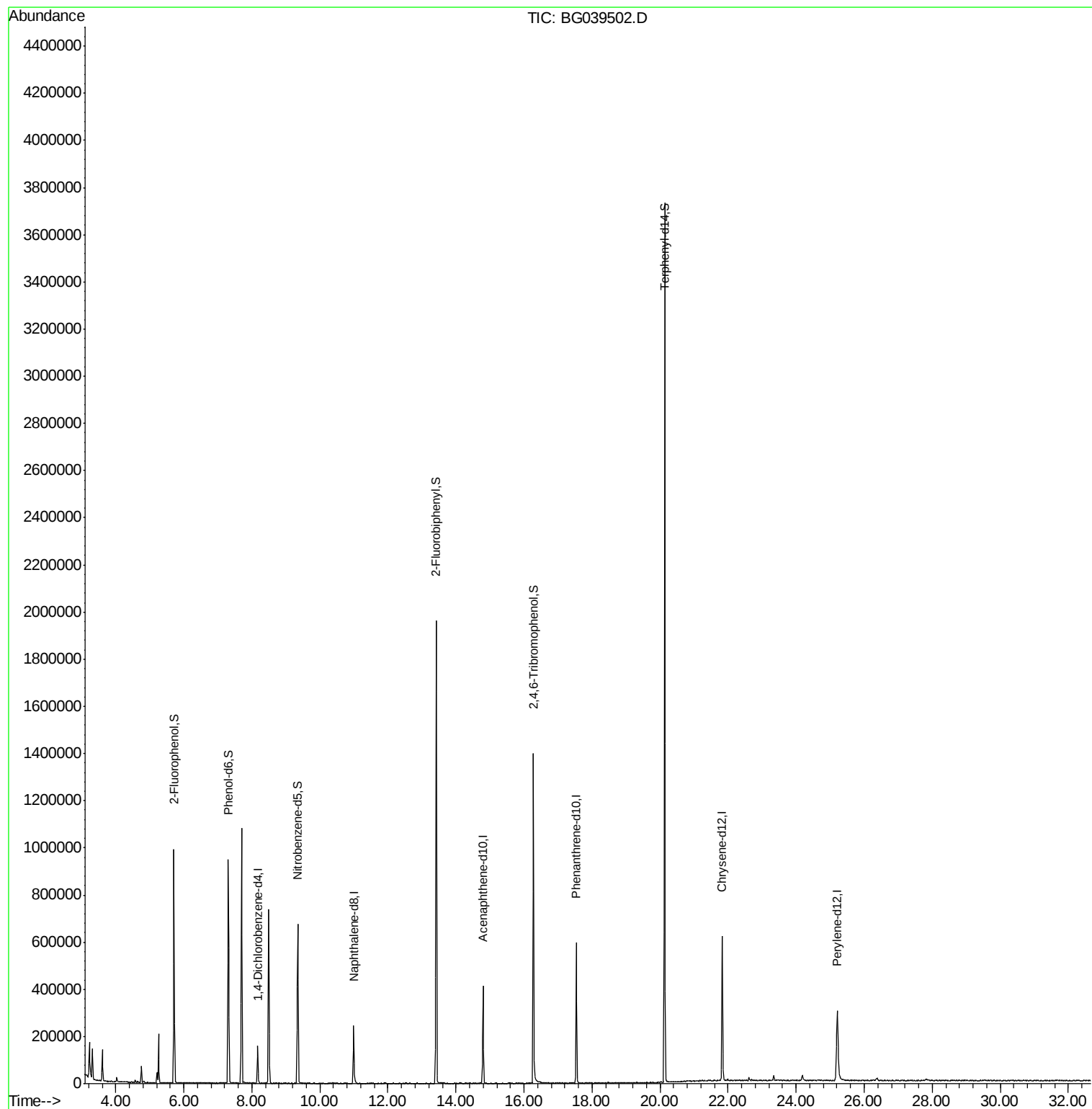
Target Compounds Qvalue

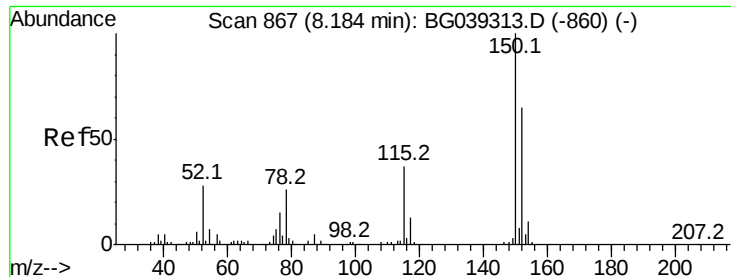
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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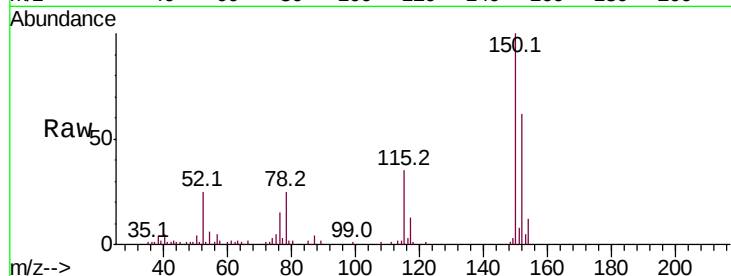


#1

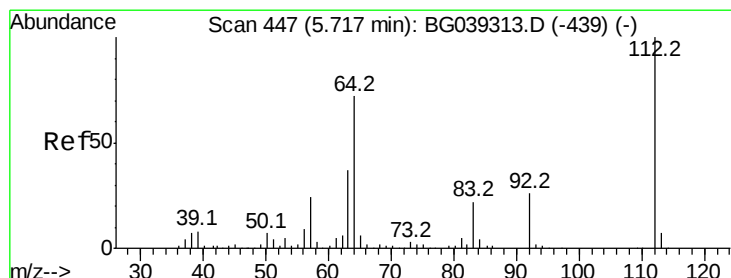
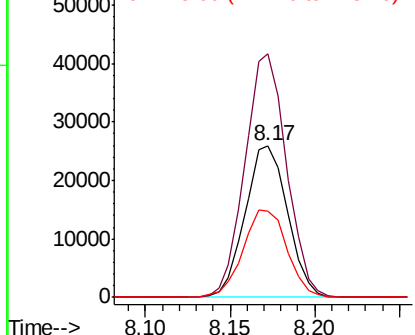
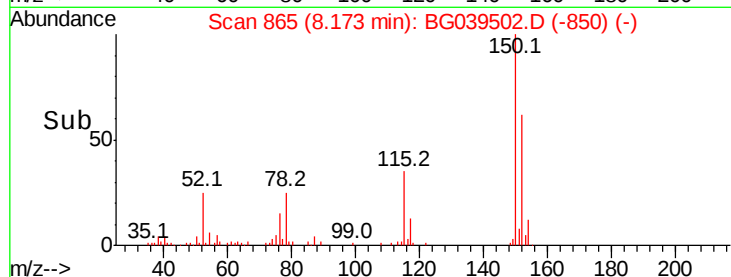
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039502.D
Acq: 13 Feb 2019 23:56

Instrument :
BNA_G
ClientSampleId :
JC-02-021119-J

Tot Ion:152 Resp: 45153
Ion Ratio Lower Upper
152 100
150 160.8 123.7 185.5
115 57.0 45.9 68.9



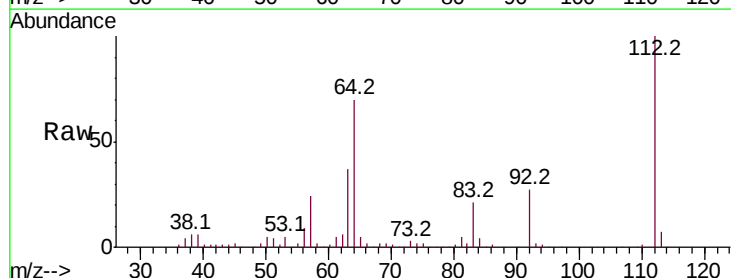
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



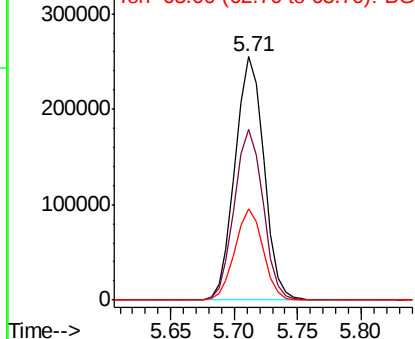
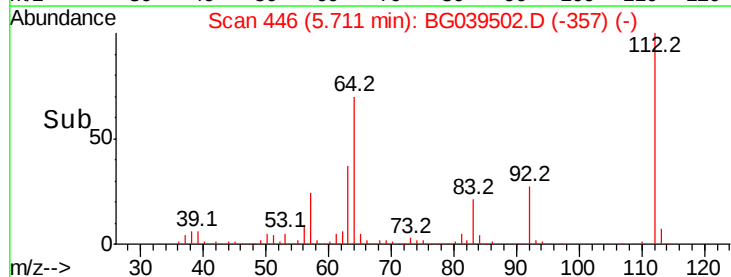
#5

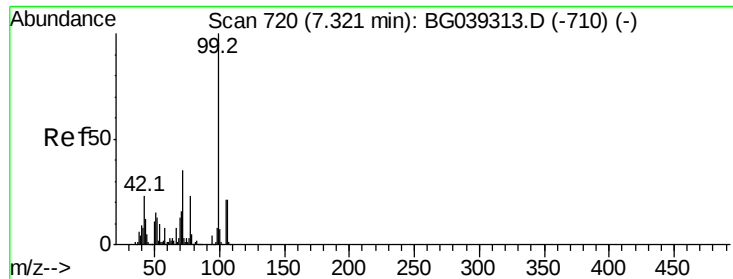
2-Fluorophenol
Concen: 152.592 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039502.D
Acq: 13 Feb 2019 23:56

Tgt Ion:112 Resp: 402567
Ion Ratio Lower Upper
112 100
64 69.9 57.8 86.8
63 37.3 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: 137.587 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039502.D

Acq: 13 Feb 2019 23:56

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-J

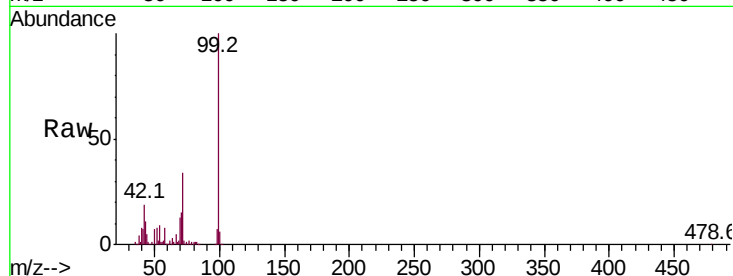
Tot Ion: 99 Resp: 534299

Ion Ratio Lower Upper

99 100

42 19.3 18.2 27.2

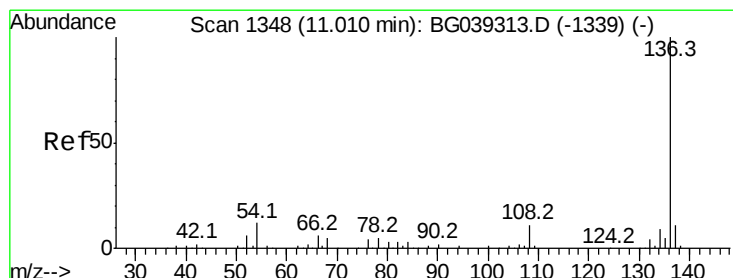
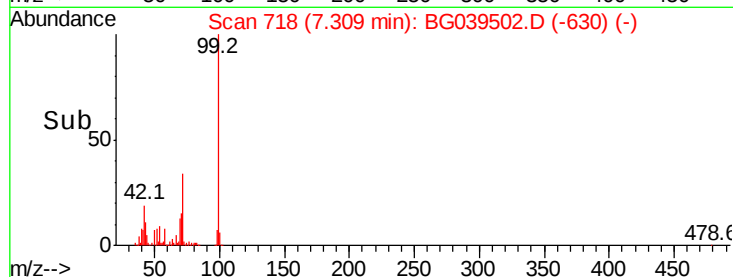
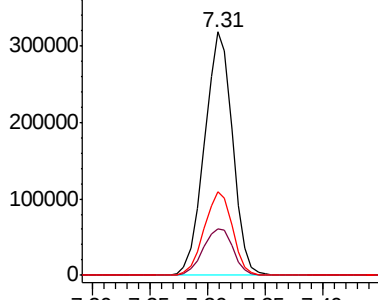
71 34.3 28.0 42.0



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# 1345

Delta R.T. -0.02 min

Lab File: BG039502.D

Acq: 13 Feb 2019 23:56

Tgt Ion: 136 Resp: 202151

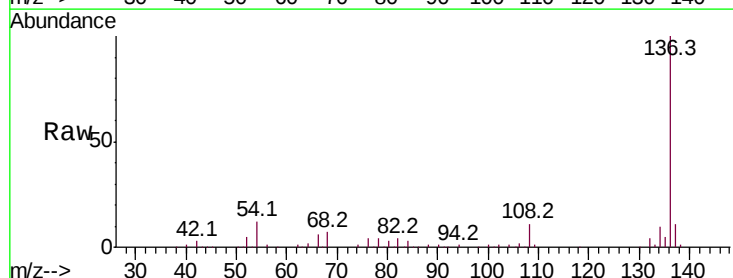
Ion Ratio Lower Upper

136 100

137 11.0 9.1 13.7

54 12.2 9.4 14.2

68 6.8 4.2 6.4#

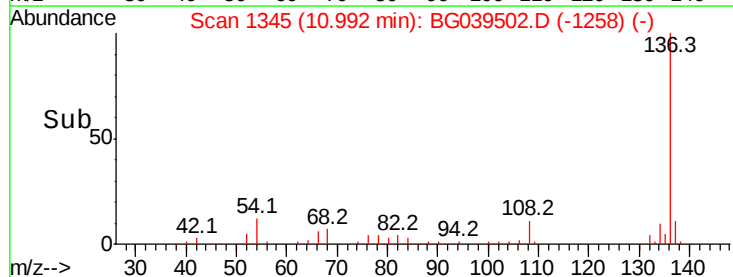
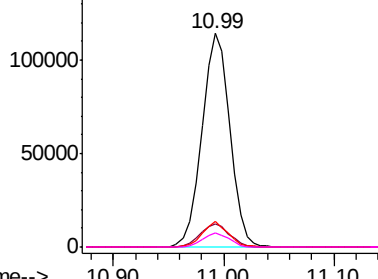


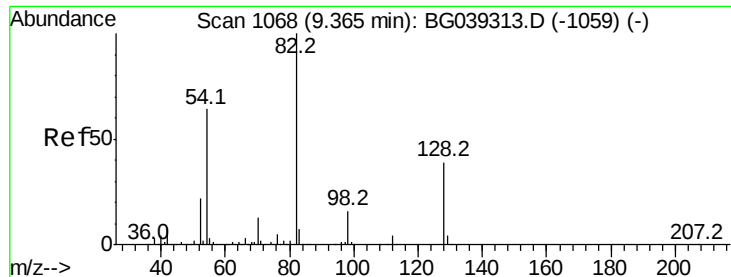
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

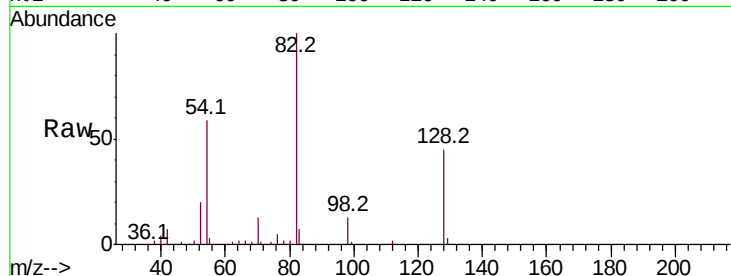




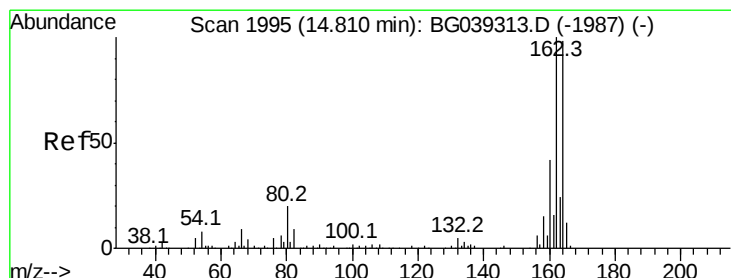
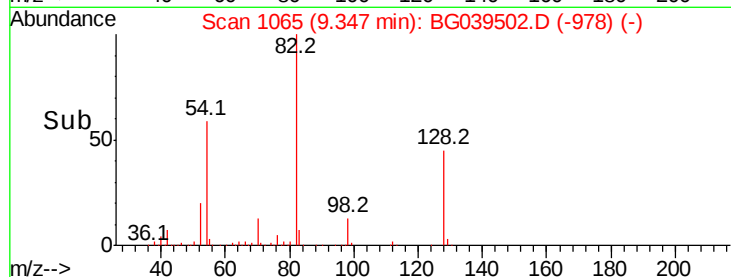
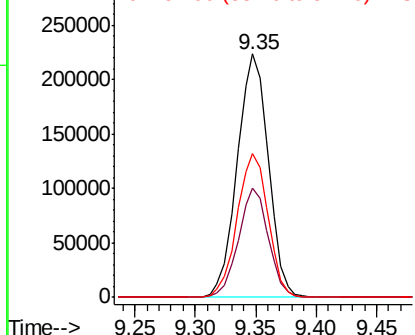
#23
Nitrobenzene-d5
Concen: 124.363 ng
RT: 9.35 min Scan# 1065
Delta R.T. -0.02 min
Lab File: BG039502.D
Acq: 13 Feb 2019 23:56

Instrument :
BNA_G
ClientSampleId :
JC-02-021119-J

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.7	31.3	46.9
54	58.9	50.9	76.3

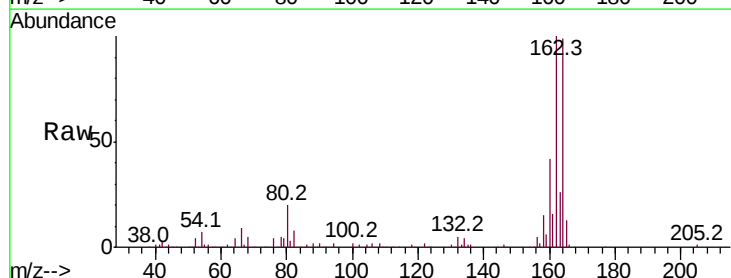


Abundance Ion 82.00 (81.70 to 82.70): BG039313.D (-1059) (-)
Ion 128.00 (127.70 to 128.70): BG039313.D (-1059) (-)
Ion 54.00 (53.70 to 54.70): BG039313.D (-1059) (-)

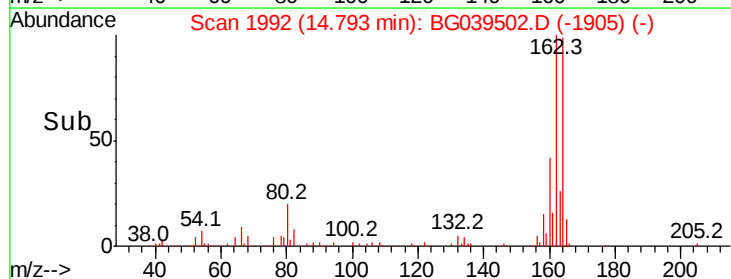
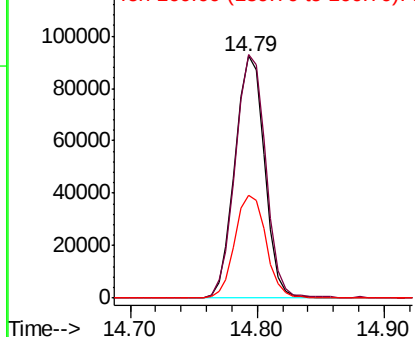


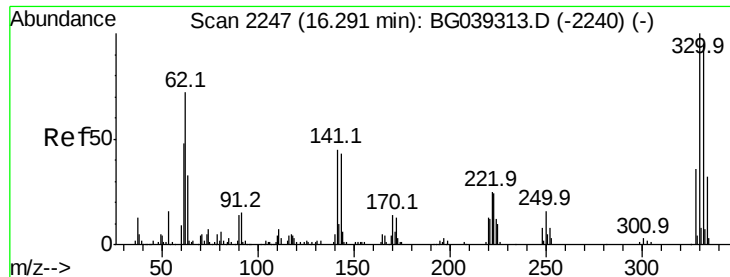
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1992
Delta R.T. -0.02 min
Lab File: BG039502.D
Acq: 13 Feb 2019 23:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.7	81.6	122.4
160	42.6	34.2	51.2



Abundance Ion 164.00 (163.70 to 164.70): BG039313.D (-1987) (-)
Ion 162.00 (161.70 to 162.70): BG039313.D (-1987) (-)
Ion 160.00 (159.70 to 160.70): BG039313.D (-1987) (-)

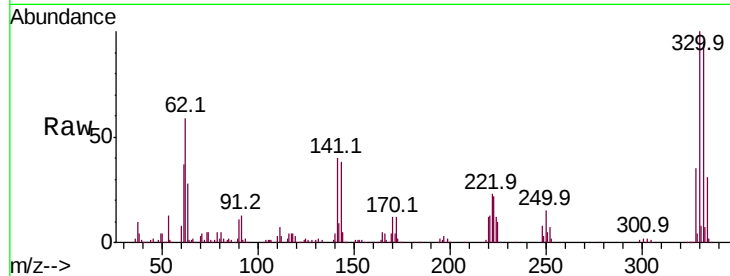




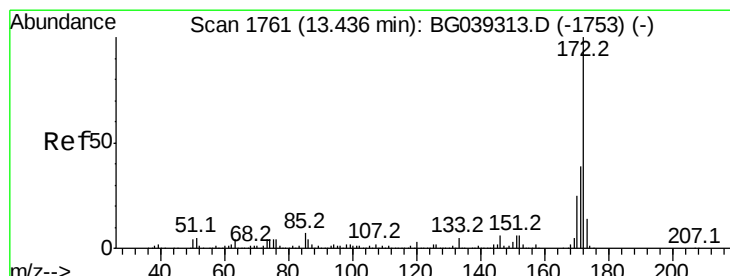
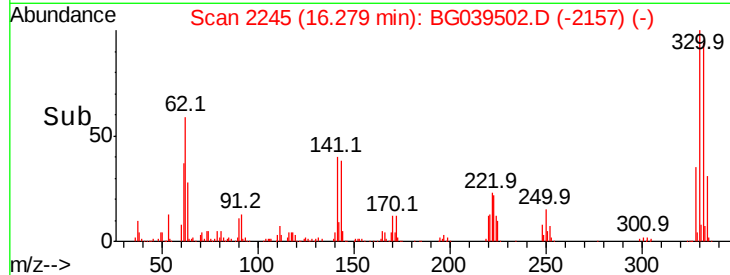
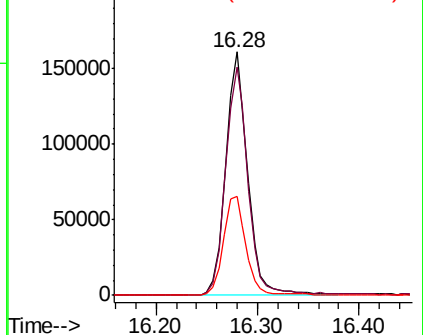
#42
 2,4,6-Tribromophenol
 Concen: 150.106 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039502.D
 Acq: 13 Feb 2019 23:56

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-021119-J

Tot Ion:330 Resp: 242002
 Ion Ratio Lower Upper
 330 100
 332 94.8 75.7 113.5
 141 42.1 35.6 53.4

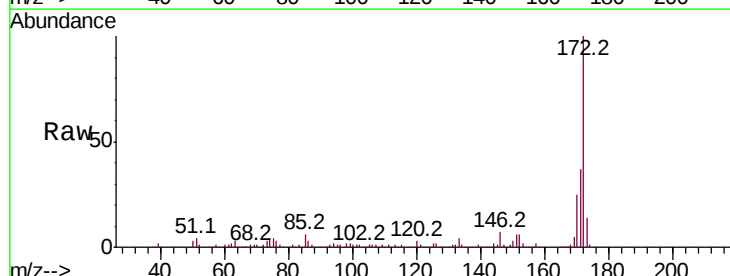


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

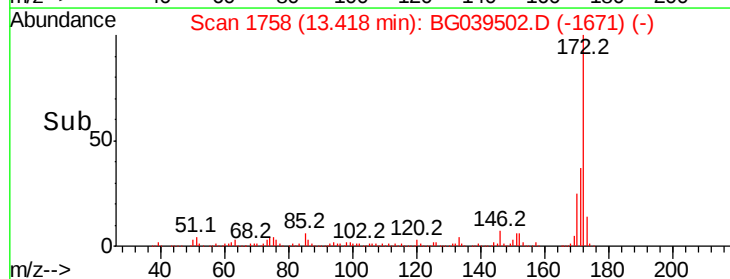
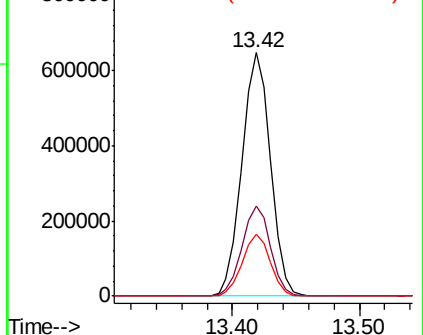


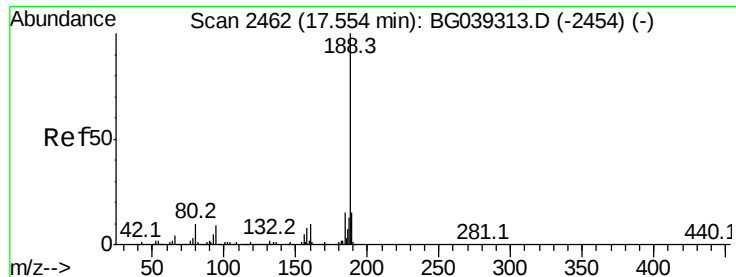
#45
 2-Fluorobiphenyl
 Concen: 97.060 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039502.D
 Acq: 13 Feb 2019 23:56

Tgt Ion:172 Resp: 1012978
 Ion Ratio Lower Upper
 172 100
 171 36.8 30.8 46.2
 170 25.2 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: BG039502.D

Acq: 13 Feb 2019 23:56

Instrument :

BNA_G

ClientSampleId :

JC-02-021119-J

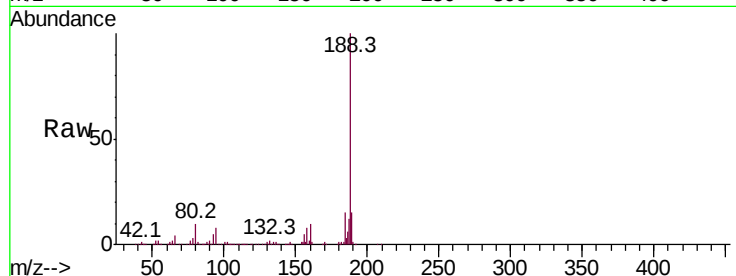
Tot Ion:188 Resp: 368229

Ion Ratio Lower Upper

188 100

94 7.8 6.9 10.3

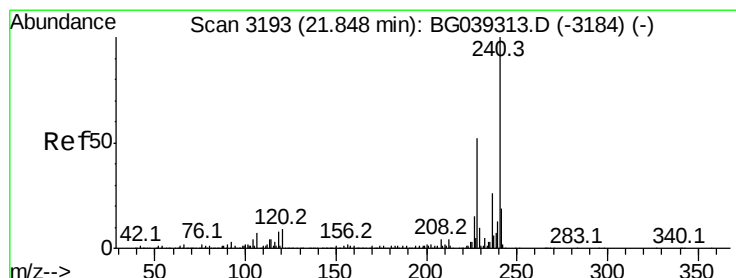
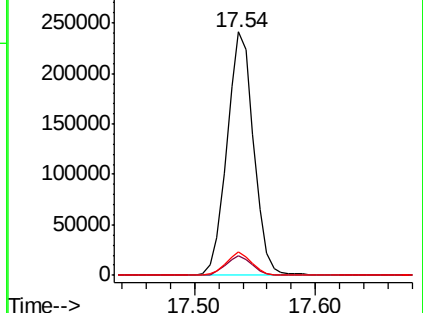
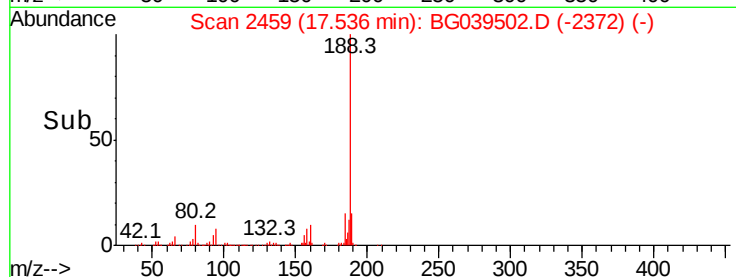
80 9.8 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.82 min Scan# 3189

Delta R.T. -0.02 min

Lab File: BG039502.D

Acq: 13 Feb 2019 23:56

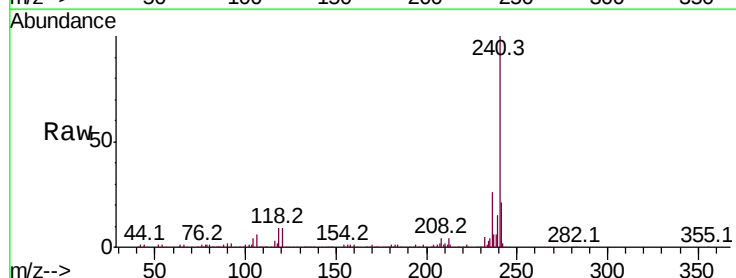
Tgt Ion:240 Resp: 391531

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

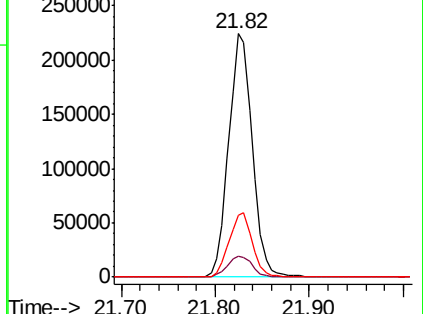
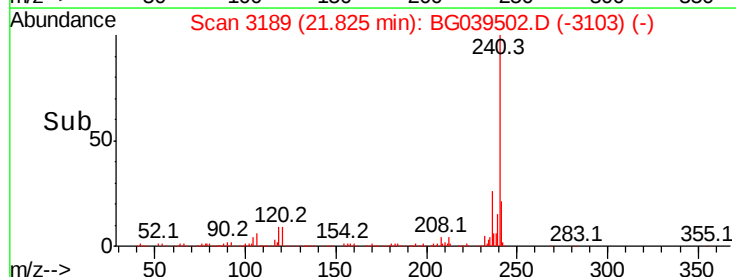
236 25.6 21.0 31.4

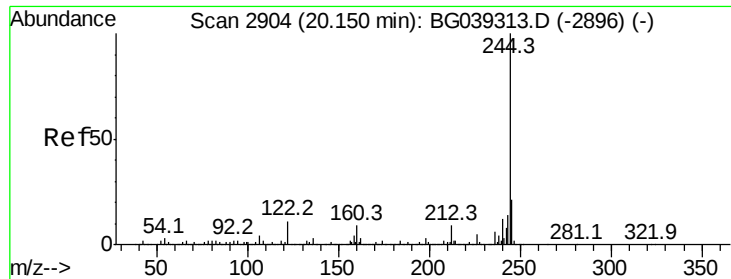


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

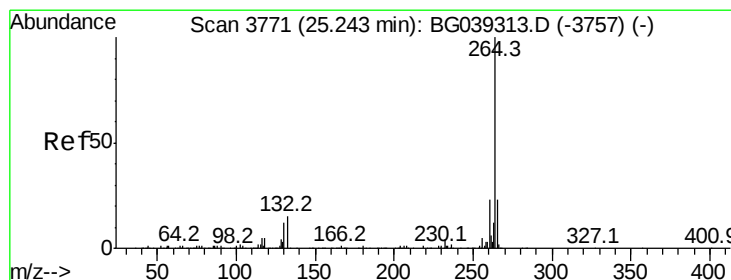
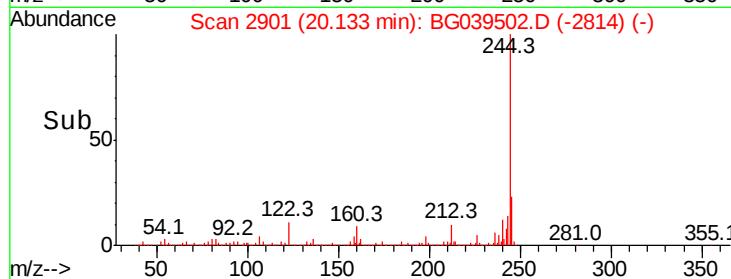
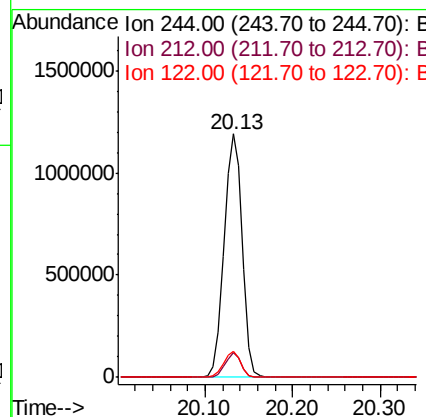
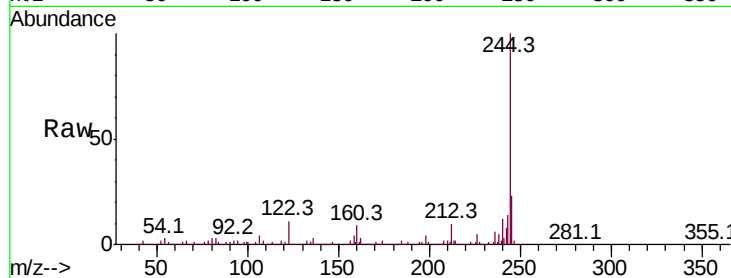




#79
 Terphenyl-d14
 Concen: 92.063 ng
 RT: 20.13 min Scan# 2901
 Delta R.T. -0.02 min
 Lab File: BG039502.D
 Acq: 13 Feb 2019 23:56

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-021119-J

Tot Ion:244 Resp: 1702915
 Ion Ratio Lower Upper
 244 100
 212 9.9 7.3 10.9
 122 10.7 8.4 12.6



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.21 min Scan# 3766
 Delta R.T. -0.03 min
 Lab File: BG039502.D
 Acq: 13 Feb 2019 23:56

Tgt Ion:264 Resp: 379220
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.2 27.4
 265 20.6 18.5 27.7

