

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039396.D
 Acq On : 8 Feb 2019 00:13
 Operator : JU/SJ
 Sample : K1385-08
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 98-WC-S-01-2-57

Quant Time: Feb 09 00:29:07 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	8.18	152	54724	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	229945	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	153391	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	368862	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	404963	20.00	ng	-0.02
87) Perylene-d12	25.21	264	394260	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	446828	139.75	ng	0.00
7) Phenol-d6	7.31	99	582634	123.79	ng	0.00
23) Nitrobenzene-d5	9.35	82	422966	114.91	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	245660	148.73	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	1007550	94.23	ng	-0.01
79) Terphenyl-d14	20.14	244	1635591	85.49	ng	-0.01

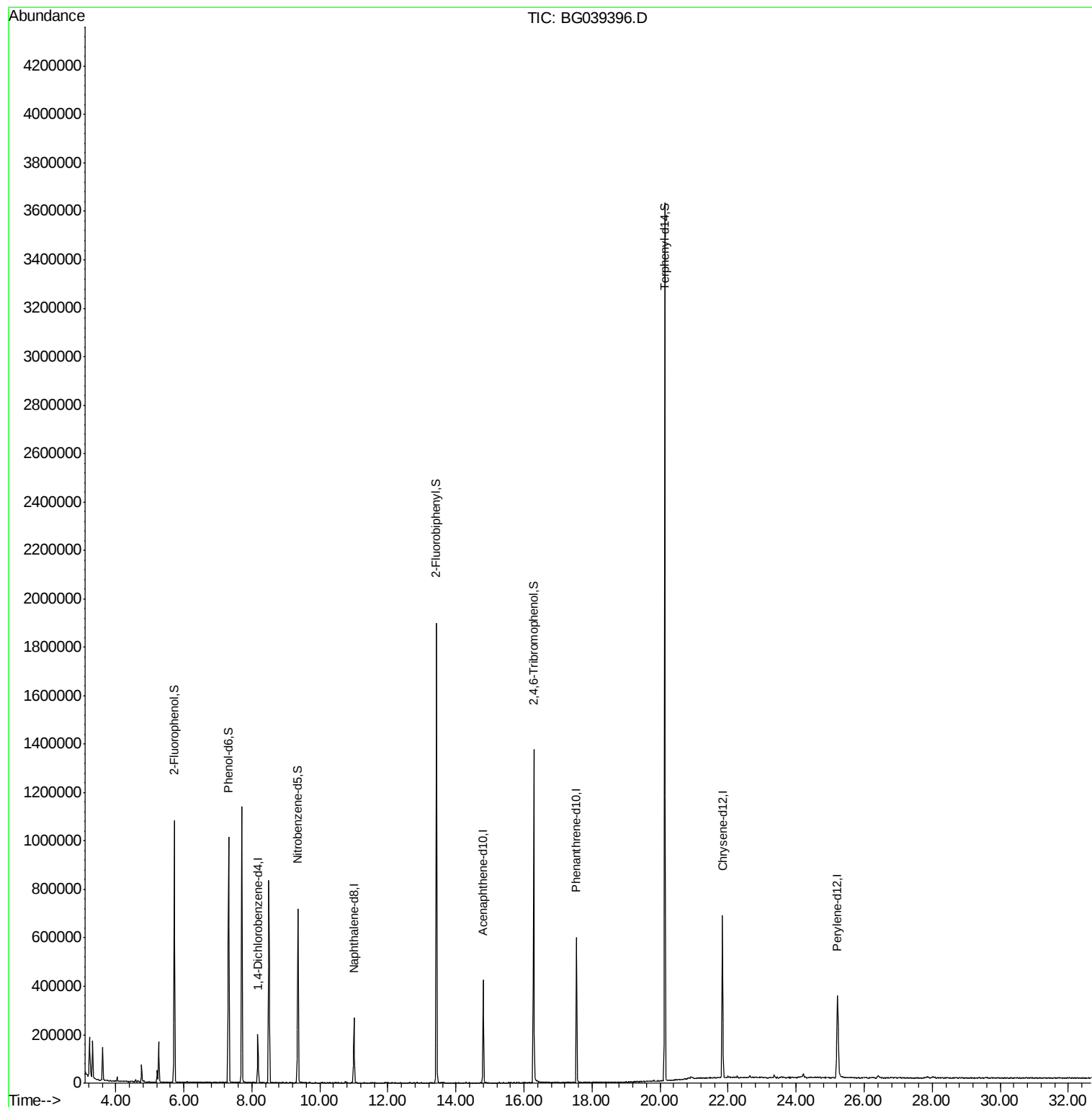
Target Compounds Qvalue

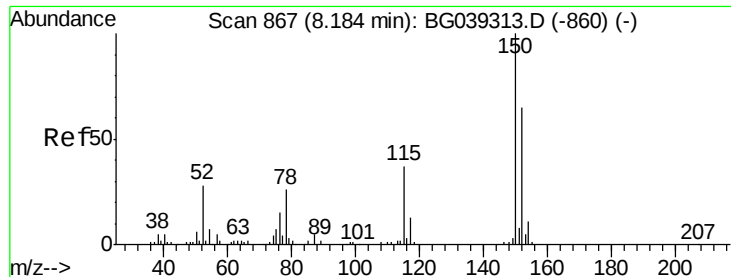
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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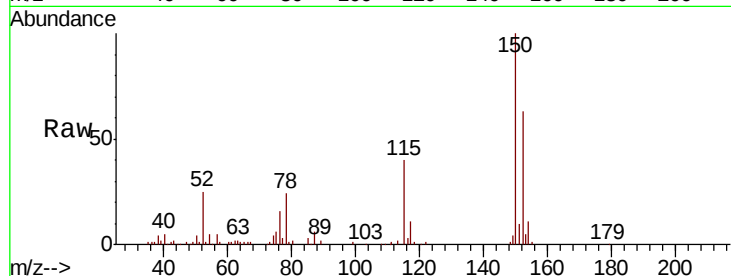


#1

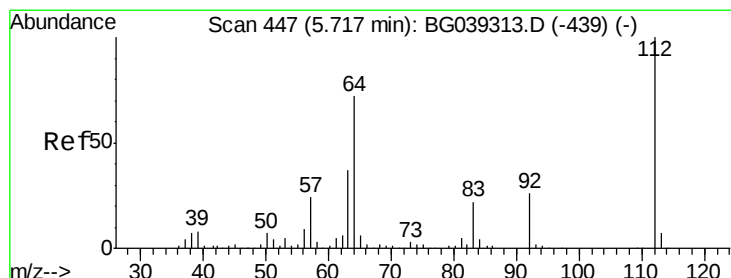
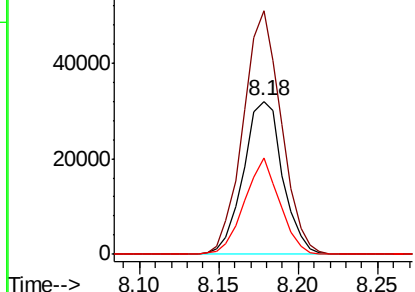
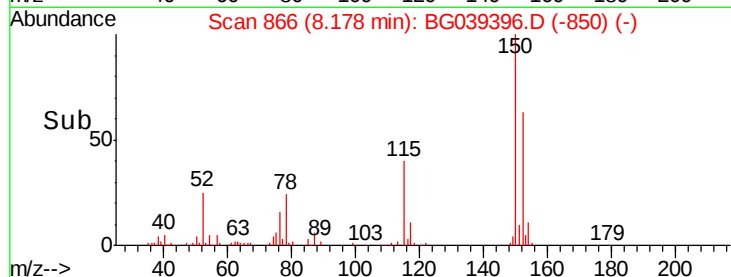
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57

Tot Ion:152 Resp: 54724
Ion Ratio Lower Upper
152 100
150 159.4 123.7 185.5
115 63.0 45.9 68.9



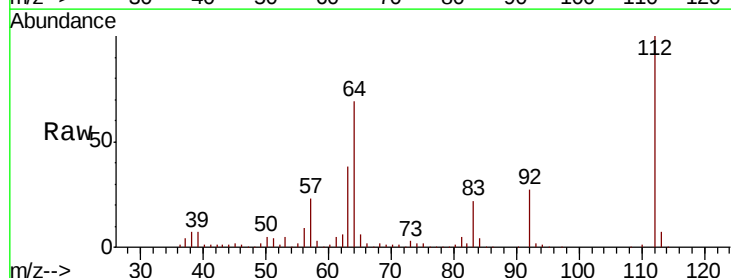
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



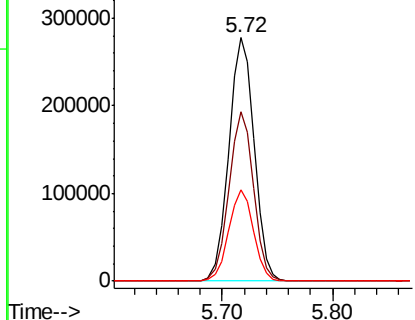
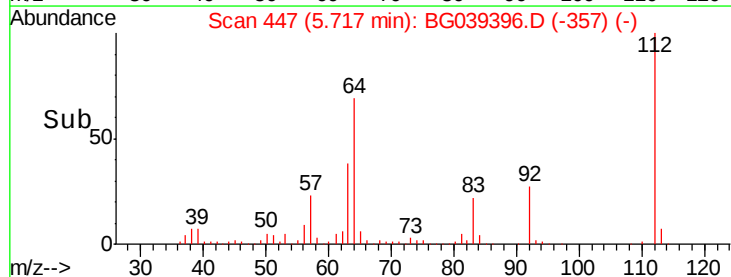
#5

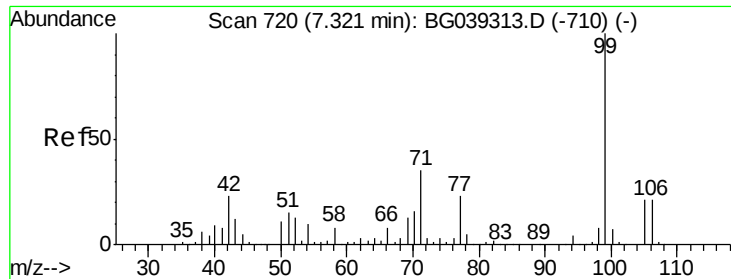
2-Fluorophenol
Concen: 139.747 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Tgt Ion:112 Resp: 446828
Ion Ratio Lower Upper
112 100
64 69.4 57.8 86.8
63 37.6 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: 123.793 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039396.D

Acq: 8 Feb 2019 00:13

Instrument :

BNA_G

ClientSampleId :

98-WC-S-01-2-57

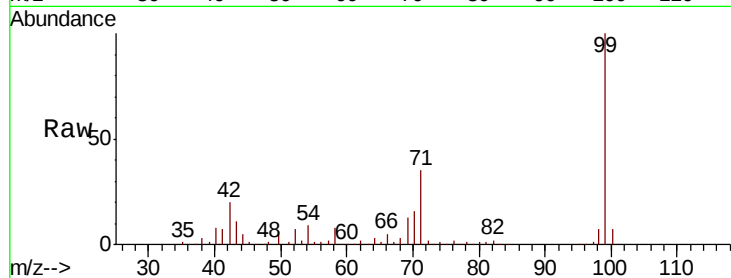
Tot Ion: 99 Resp: 582634

Ion Ratio Lower Upper

99 100

42 20.1 18.2 27.2

71 34.9 28.0 42.0

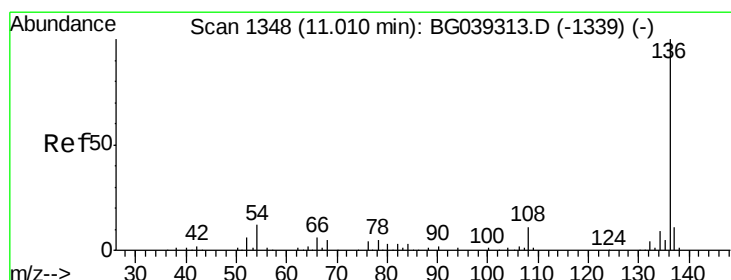
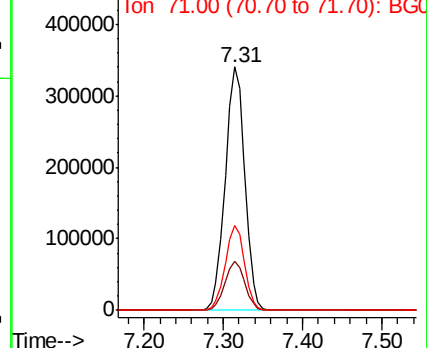
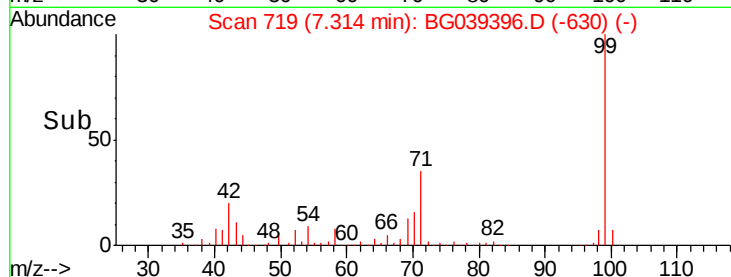


Abundance

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: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039396.D

Acq: 8 Feb 2019 00:13

Tgt Ion: 136 Resp: 229945

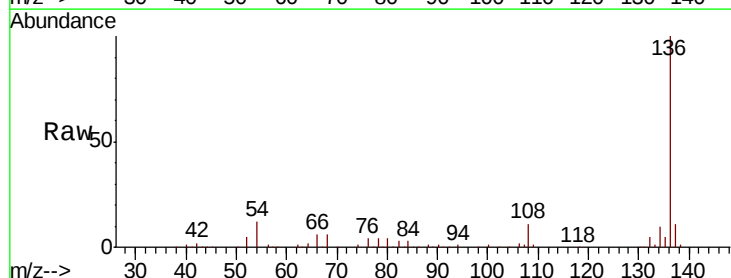
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 11.8 9.4 14.2

68 5.5 4.2 6.4



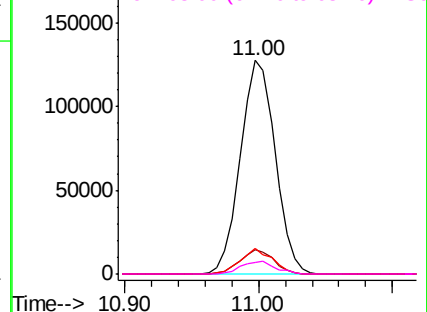
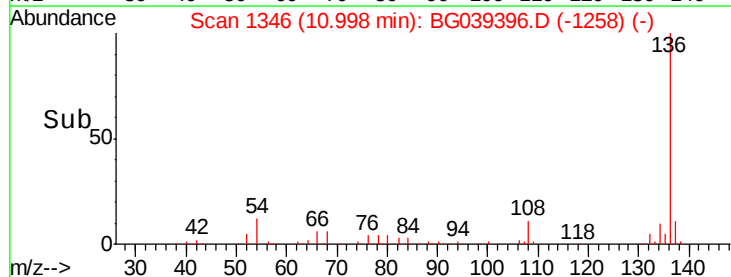
Abundance

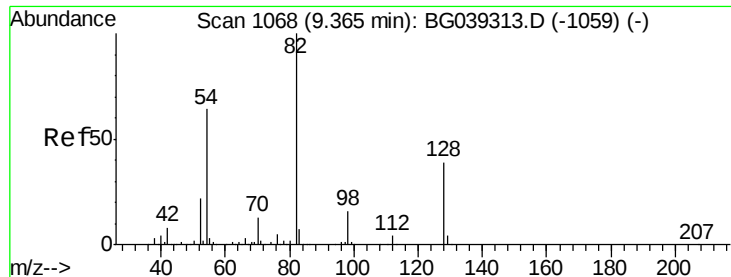
Ion 136.00 (135.70 to 136.70): BGC

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

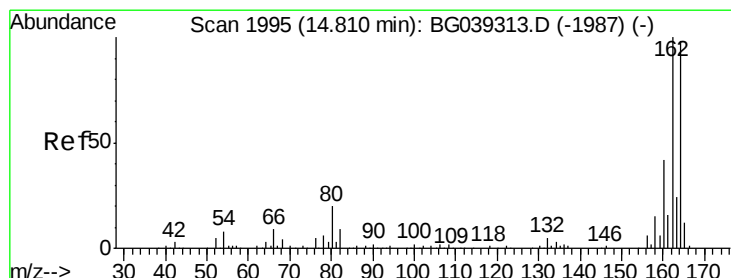
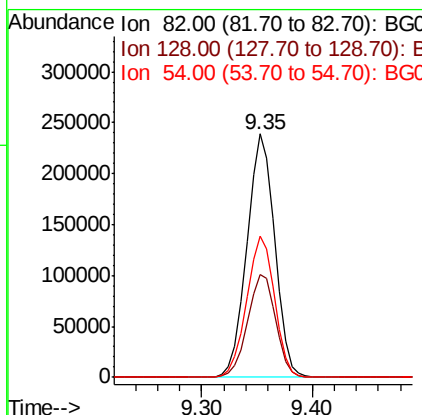
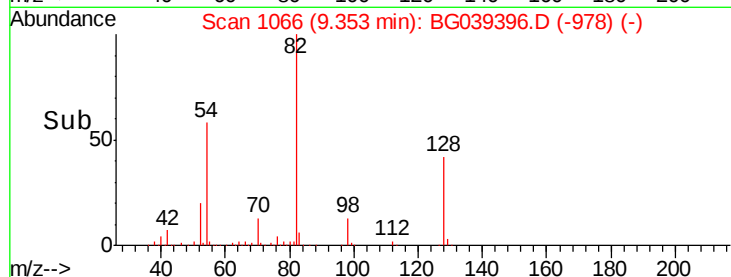
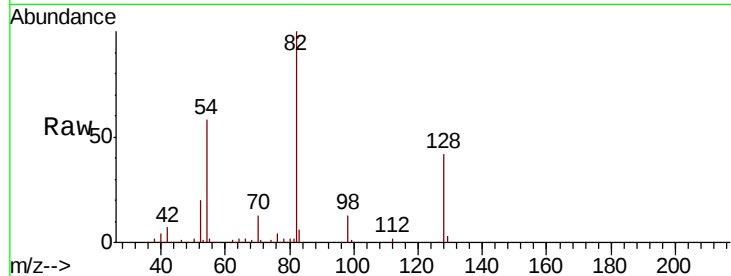




#23
Nitrobenzene-d5
Concen: 114.912 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

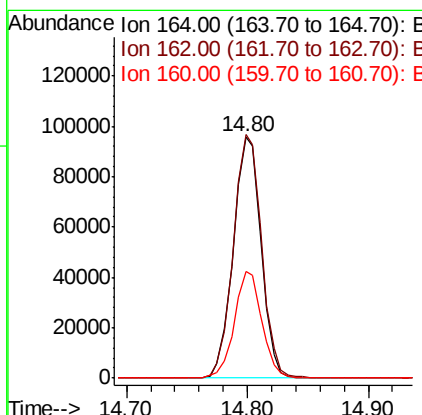
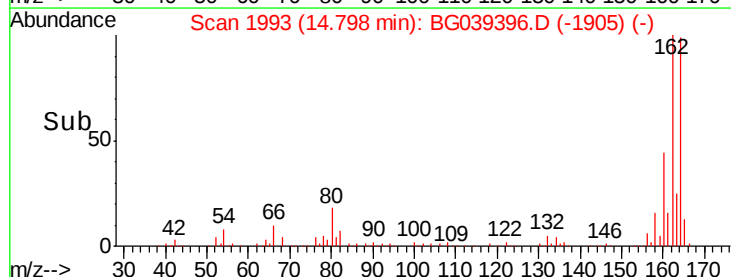
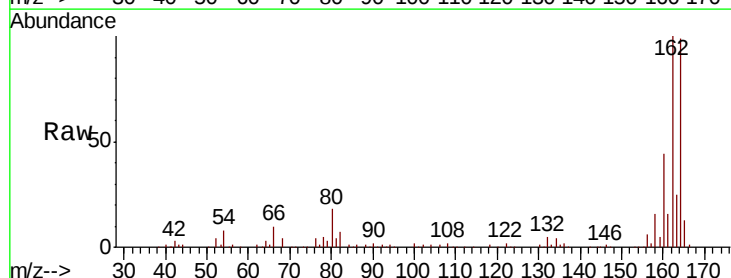
Instrument :
BNA_G
ClientSampleId :
98-WC-S-01-2-57

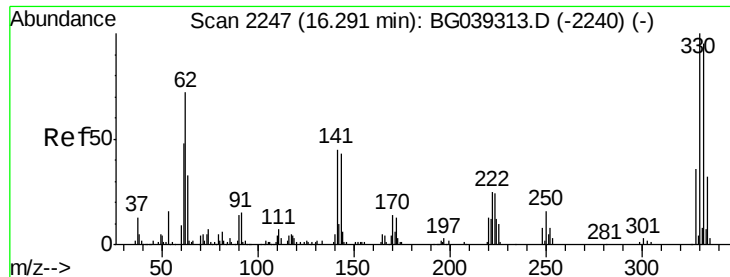
Tot Ion: 82 Resp: 422966
Ion Ratio Lower Upper
82 100
128 42.1 31.3 46.9
54 58.2 50.9 76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039396.D
Acq: 8 Feb 2019 00:13

Tgt Ion: 164 Resp: 153391
Ion Ratio Lower Upper
164 100
162 100.8 81.6 122.4
160 44.1 34.2 51.2

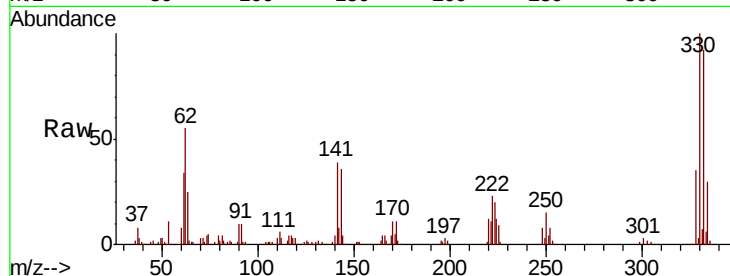




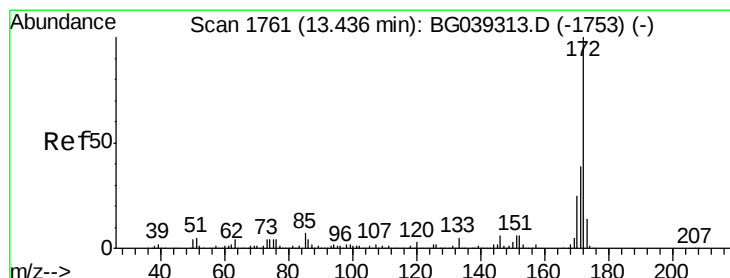
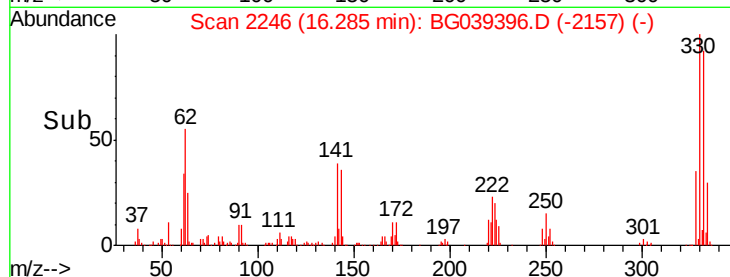
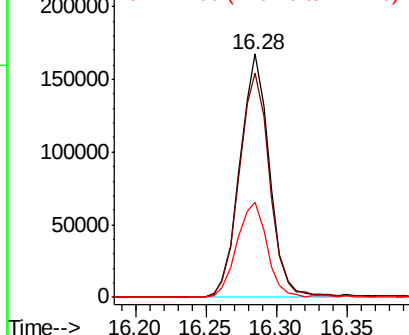
#42
 2,4,6-Tribromophenol
 Concen: 148.726 ng
 RT: 16.28 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BG039396.D
 Acq: 8 Feb 2019 00:13

Instrument :
 BNA_G
 ClientSampleId :
 98-WC-S-01-2-57

Tot Ion:330 Resp: 245660
 Ion Ratio Lower Upper
 330 100
 332 95.5 75.7 113.5
 141 40.2 35.6 53.4

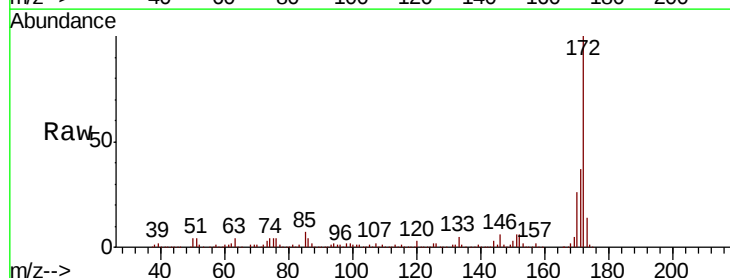


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

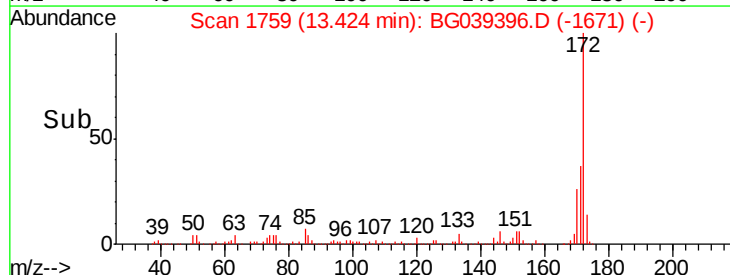
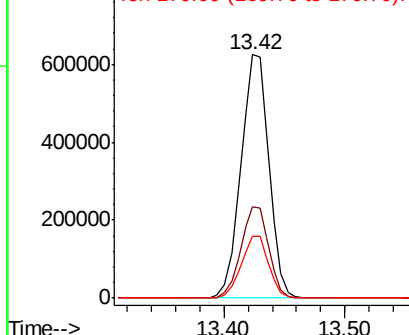


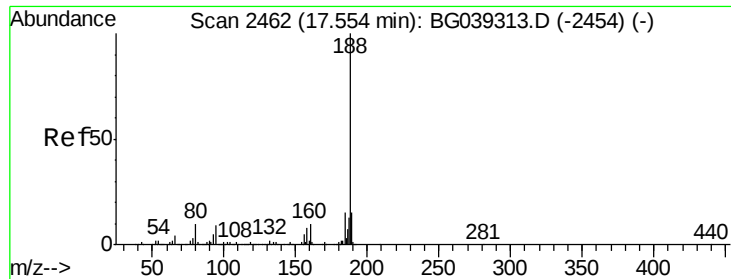
#45
 2-Fluorobiphenyl
 Concen: 94.229 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG039396.D
 Acq: 8 Feb 2019 00:13

Tgt Ion:172 Resp: 1007550
 Ion Ratio Lower Upper
 172 100
 171 37.4 30.8 46.2
 170 25.6 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# 2460

Delta R.T. -0.01 min

Lab File: BG039396.D

Acq: 8 Feb 2019 00:13

Instrument :

BNA_G

ClientSampleId :

98-WC-S-01-2-57

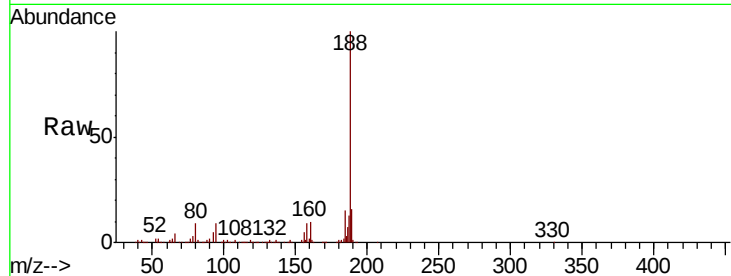
Tot Ion:188 Resp: 368862

Ion Ratio Lower Upper

188 100

94 8.8 6.9 10.3

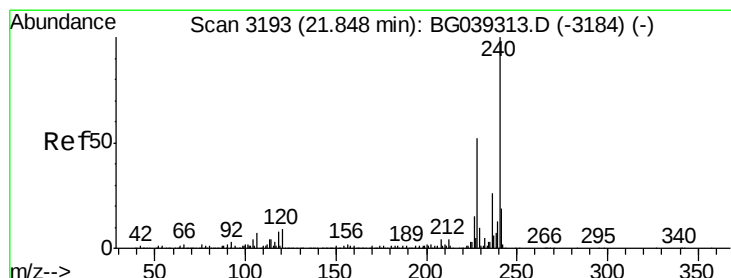
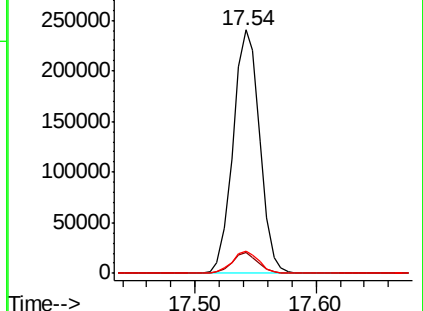
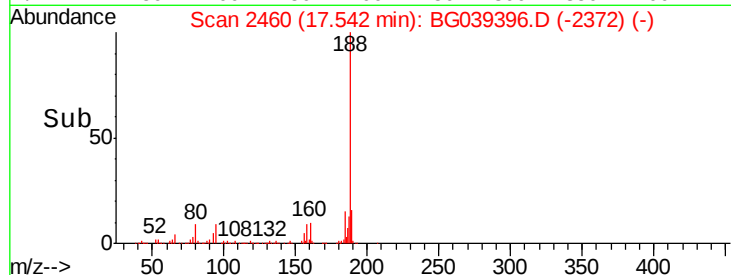
80 9.1 8.1 12.1



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3190

Delta R.T. -0.02 min

Lab File: BG039396.D

Acq: 8 Feb 2019 00:13

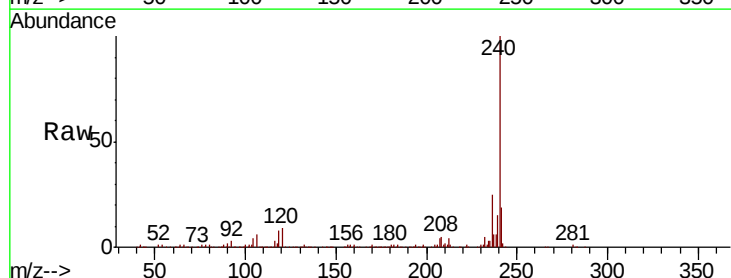
Tgt Ion:240 Resp: 404963

Ion Ratio Lower Upper

240 100

120 8.8 7.0 10.6

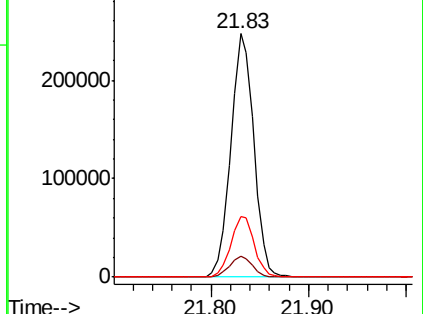
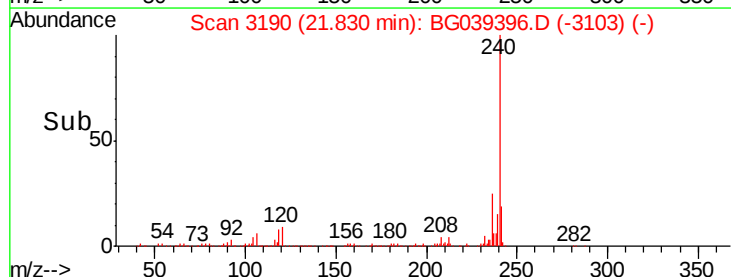
236 25.1 21.0 31.4

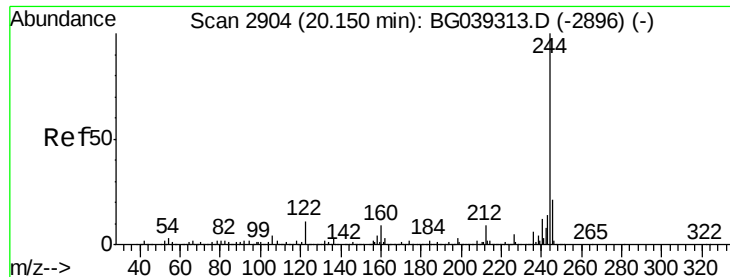


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 85.490 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039396.D

Acq: 8 Feb 2019 00:13

Instrument :

BNA_G

ClientSampleId :

98-WC-S-01-2-57

Tot Ion:244 Resp: 1635591

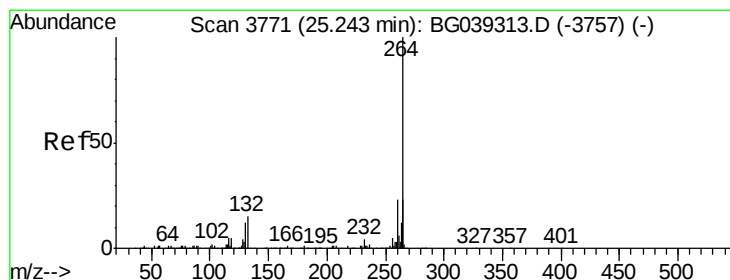
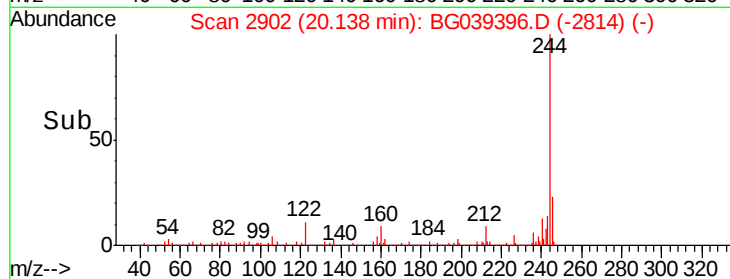
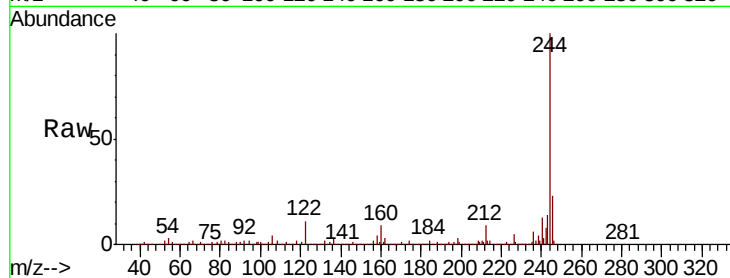
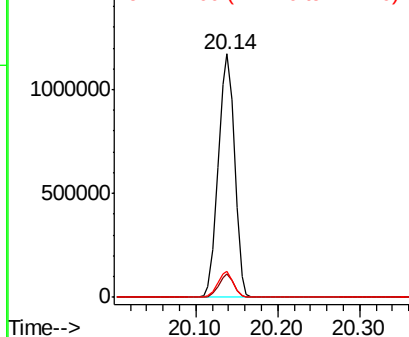
Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.3	10.9
122	10.8	8.4	12.6

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



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.21 min Scan# 3766

Delta R.T. -0.03 min

Lab File: BG039396.D

Acq: 8 Feb 2019 00:13

Tgt Ion:264 Resp: 394260

Ion	Ratio	Lower	Upper
264	100		
260	22.6	18.2	27.4
265	22.1	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

