

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
 Data File : BG039446.D
 Acq On : 11 Feb 2019 22:46
 Operator : JU/SJ
 Sample : K1423-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HB-VJ210

Quant Time: Feb 12 03:37:39 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	51836	20.00	ng	-0.01
21) Naphthalene-d8	10.99	136	226307	20.00	ng	-0.02
39) Acenaphthene-d10	14.79	164	155935	20.00	ng	-0.02
64) Phenanthrene-d10	17.54	188	382080	20.00	ng	-0.02
76) Chrysene-d12	21.82	240	404827	20.00	ng	-0.02
87) Perylene-d12	25.20	264	401198	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	442844	146.22	ng	0.00
7) Phenol-d6	7.31	99	601093	134.83	ng	-0.01
23) Nitrobenzene-d5	9.35	82	406030	112.08	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	274778	163.64	ng	-0.01
45) 2-Fluorobiphenyl	13.42	172	1002629	92.24	ng	-0.02
79) Terphenyl-d14	20.13	244	1653969	86.48	ng	-0.02

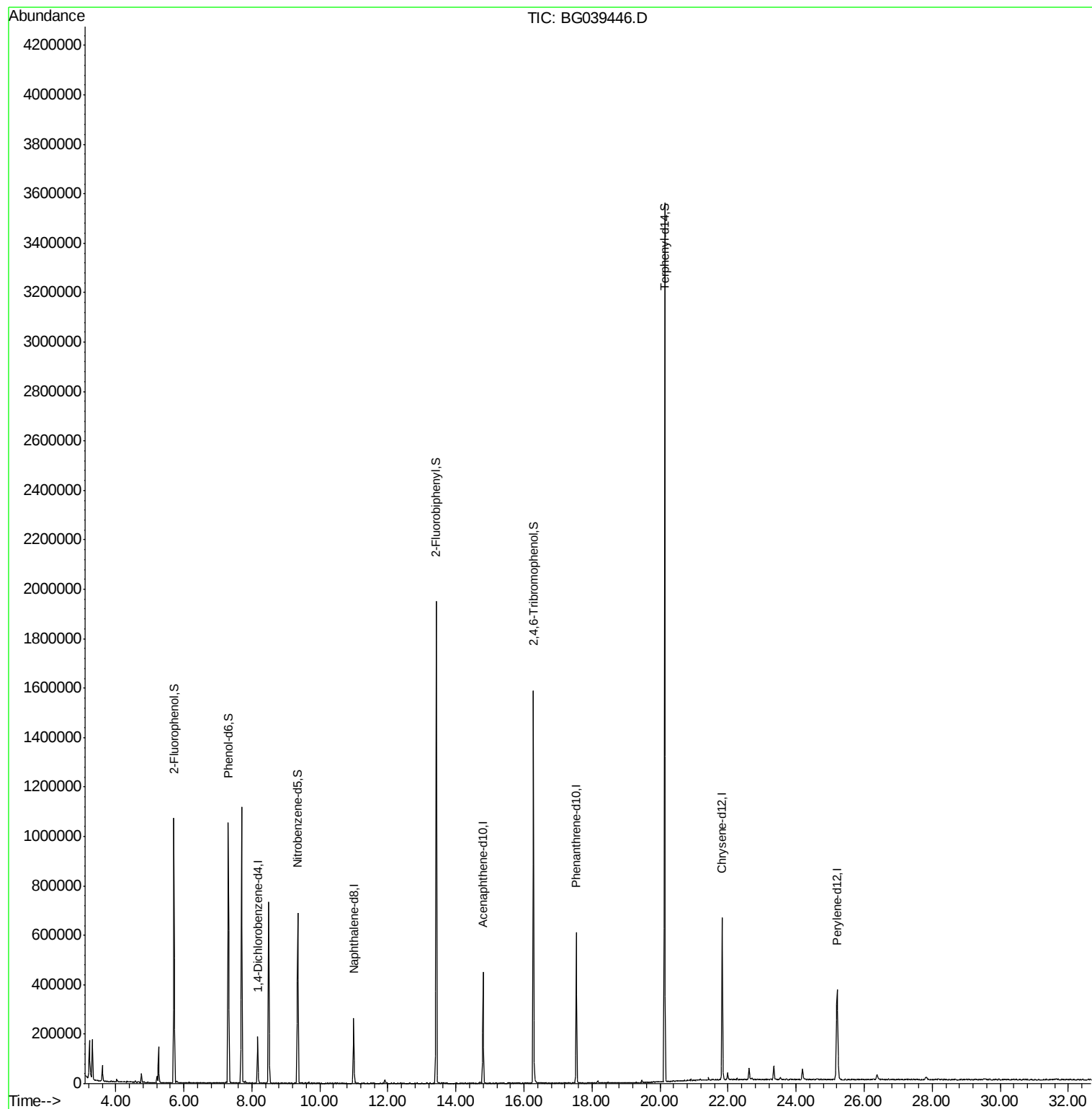
Target Compounds Qvalue

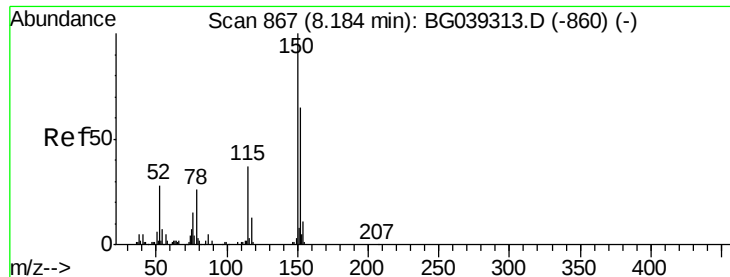
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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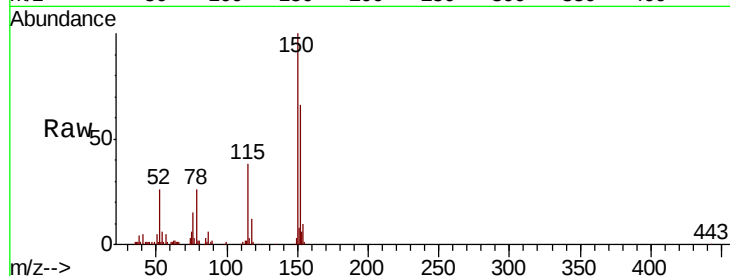


#1

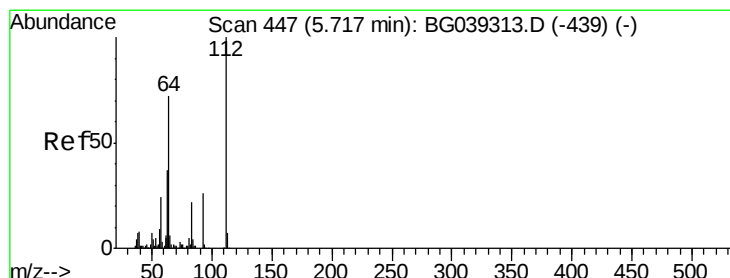
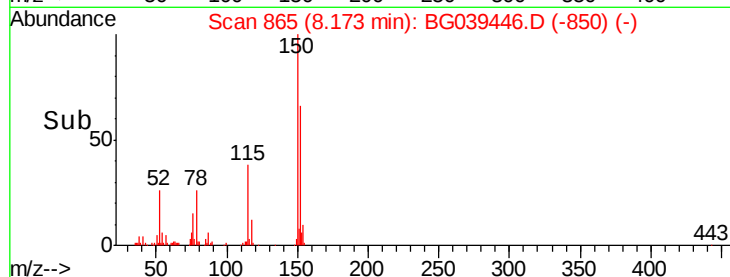
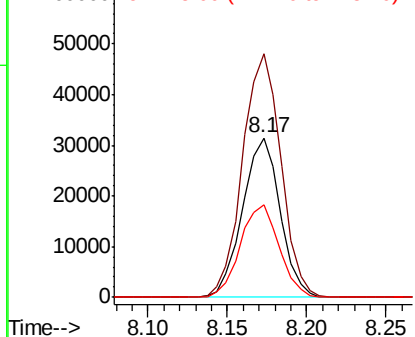
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039446.D
Acq: 11 Feb 2019 22:46

Instrument :
BNA_G
ClientSampleId :
HB-VJ210

Tot Ion:152 Resp: 51836
Ion Ratio Lower Upper
152 100
150 152.6 123.7 185.5
115 58.3 45.9 68.9



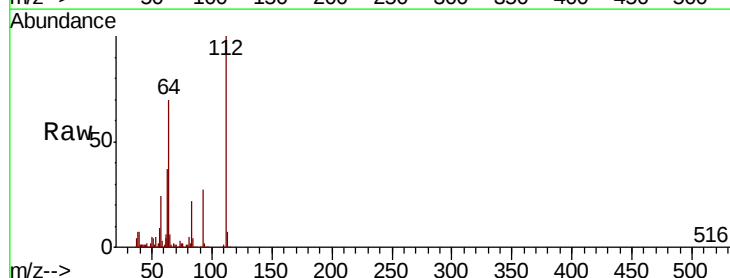
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



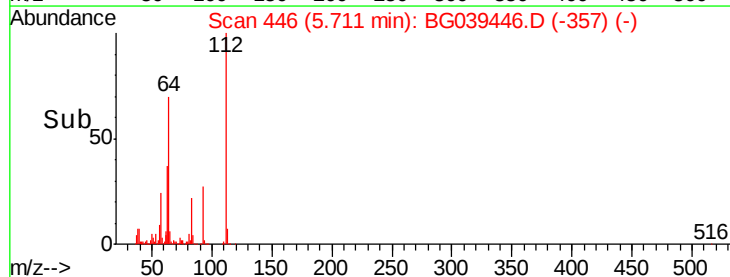
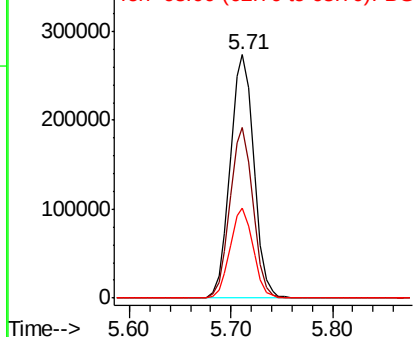
#5

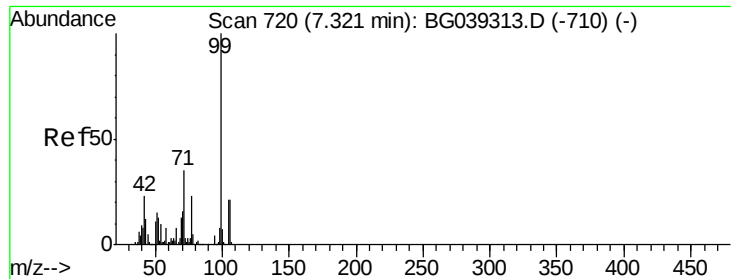
2-Fluorophenol
Concen: 146.217 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039446.D
Acq: 11 Feb 2019 22:46

Tgt Ion:112 Resp: 442844
Ion Ratio Lower Upper
112 100
64 70.3 57.8 86.8
63 36.9 29.8 44.6



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 134.831 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039446.D

Acq: 11 Feb 2019 22:46

Instrument :

BNA_G

ClientSampleId :

HB-VJ210

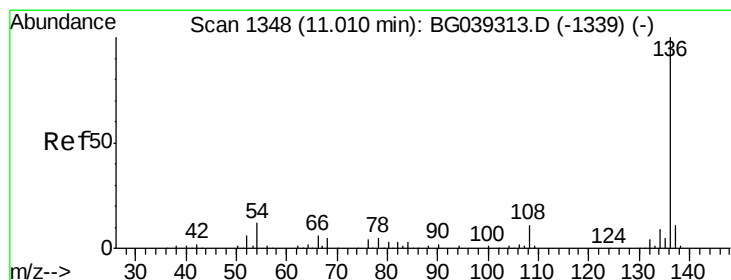
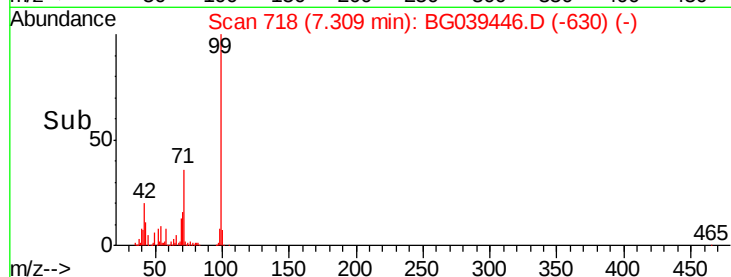
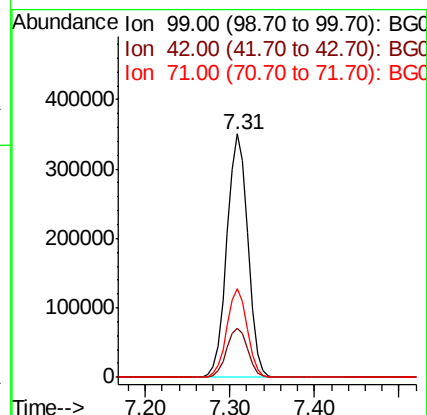
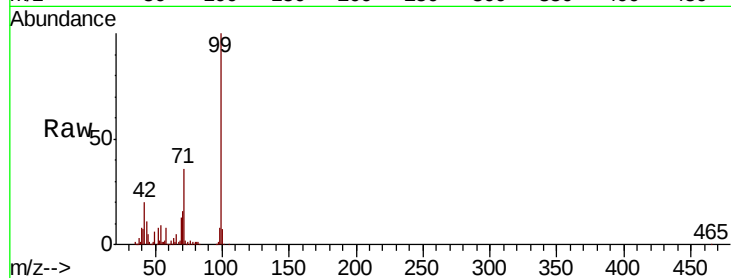
Tot Ion: 99 Resp: 601093

Ion Ratio Lower Upper

99 100

42 20.4 18.2 27.2

71 36.3 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: BG039446.D

Acq: 11 Feb 2019 22:46

Tgt Ion: 136 Resp: 226307

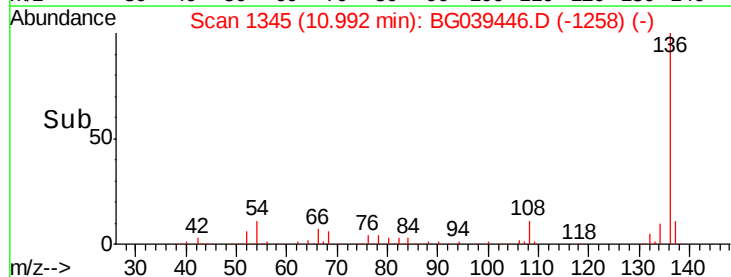
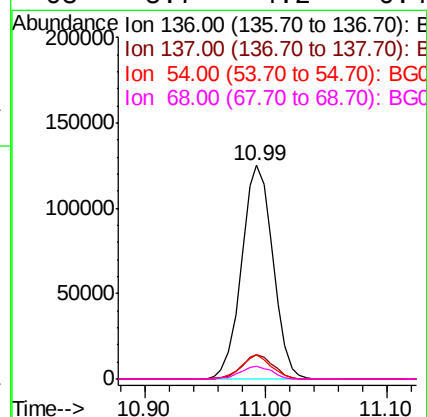
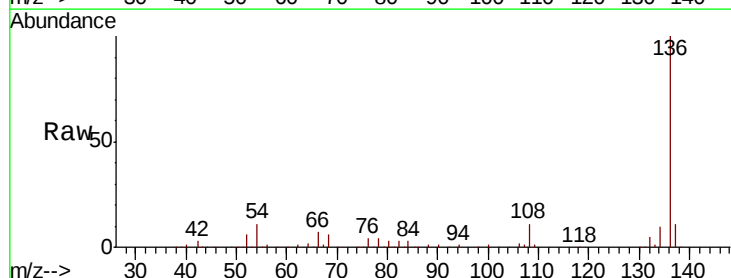
Ion Ratio Lower Upper

136 100

137 11.5 9.1 13.7

54 11.2 9.4 14.2

68 5.7 4.2 6.4





#23

Nitrobenzene-d5

Concen: 112.084 ng

RT: 9.35 min Scan# 1065

Delta R.T. -0.02 min

Lab File: BG039446.D

Acq: 11 Feb 2019 22:46

Instrument :

BNA_G

ClientSampleId :

HB-VJ210

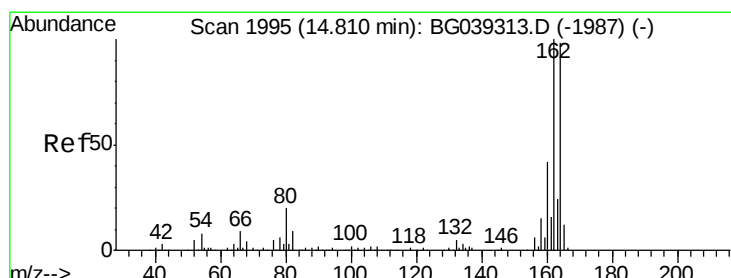
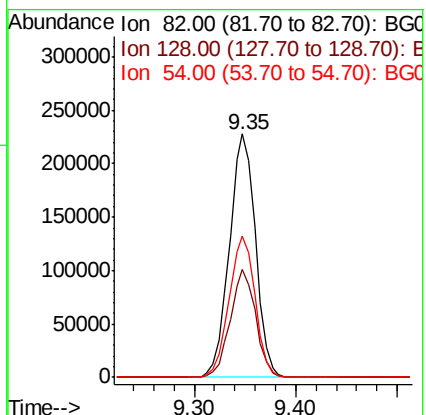
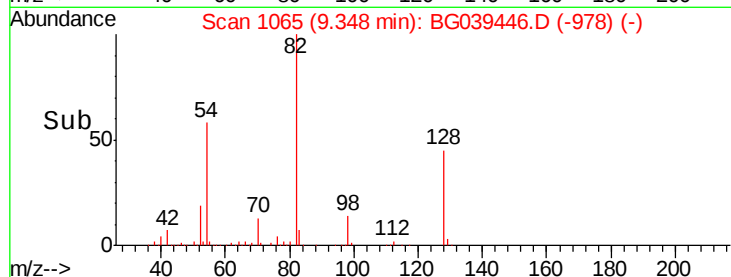
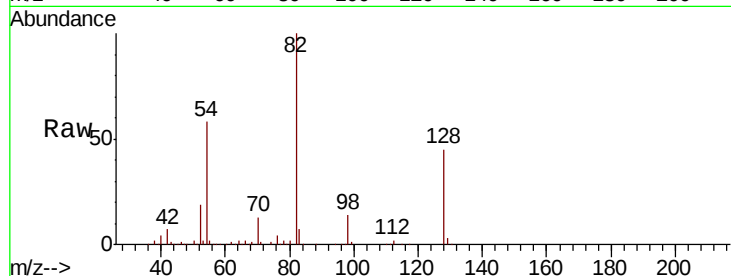
Tot Ion: 82 Resp: 406030

Ion Ratio Lower Upper

82 100

128 44.6 31.3 46.9

54 58.0 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: BG039446.D

Acq: 11 Feb 2019 22:46

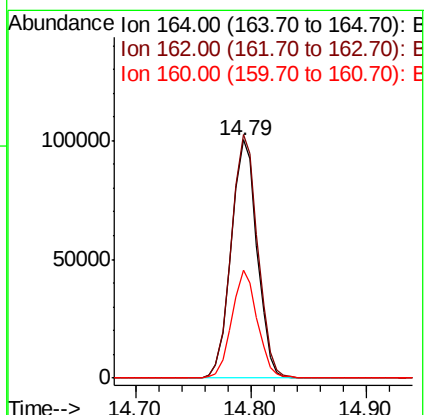
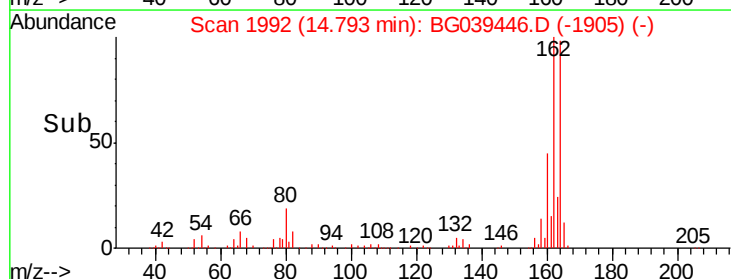
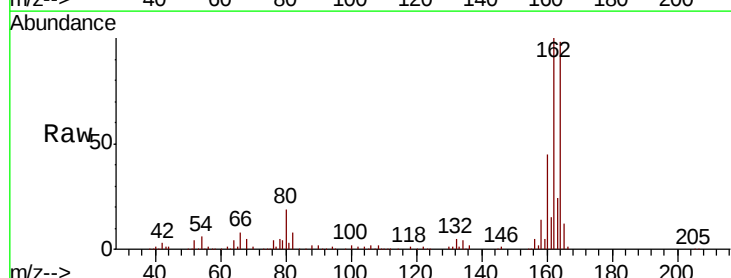
Tgt Ion: 164 Resp: 155935

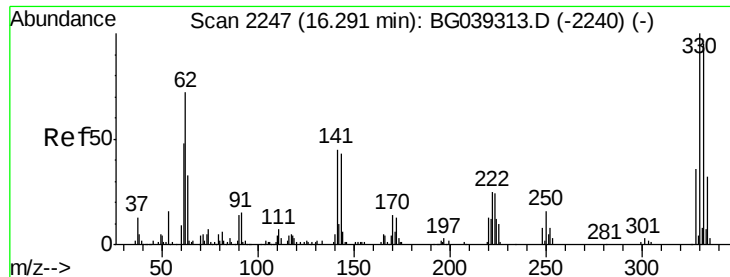
Ion Ratio Lower Upper

164 100

162 102.3 81.6 122.4

160 45.5 34.2 51.2

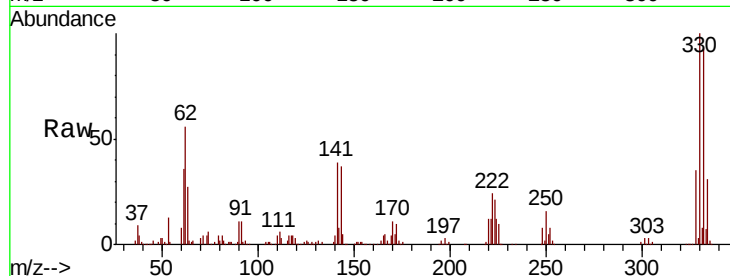




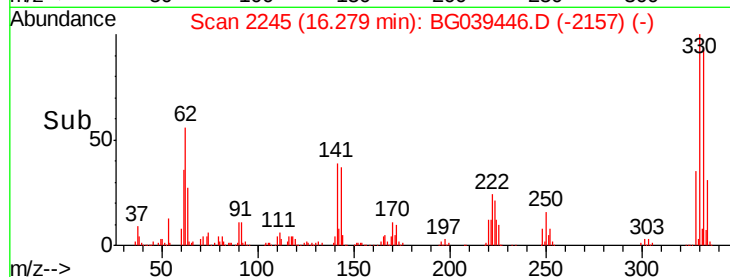
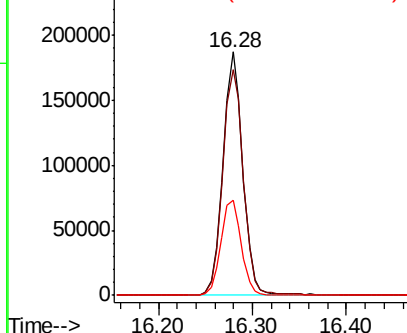
#42
 2,4,6-Tribromophenol
 Concen: 163.641 ng
 RT: 16.28 min Scan# 2245
 Delta R.T. -0.01 min
 Lab File: BG039446.D
 Acq: 11 Feb 2019 22:46

Instrument :
 BNA_G
 ClientSampled :
 HB-VJ210

Tot Ion:330 Resp: 274778
 Ion Ratio Lower Upper
 330 100
 332 96.7 75.7 113.5
 141 41.0 35.6 53.4

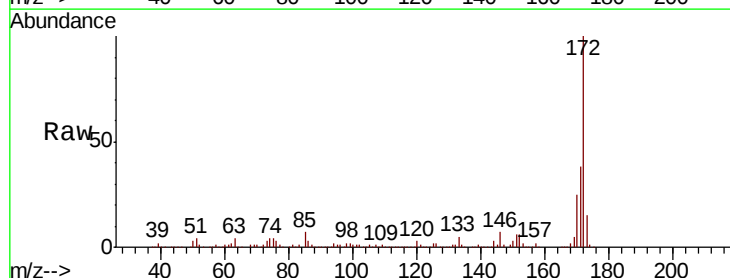


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

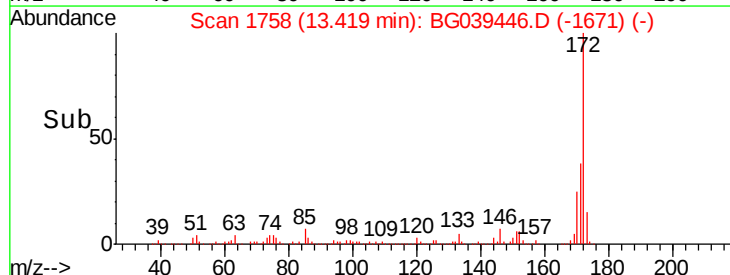
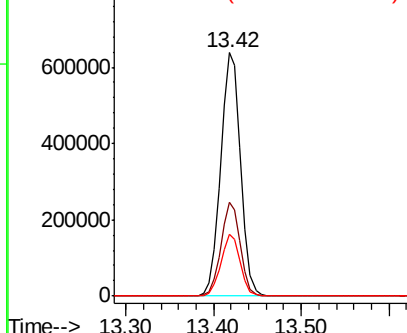


#45
 2-Fluorobiphenyl
 Concen: 92.239 ng
 RT: 13.42 min Scan# 1758
 Delta R.T. -0.02 min
 Lab File: BG039446.D
 Acq: 11 Feb 2019 22:46

Tgt Ion:172 Resp: 1002629
 Ion Ratio Lower Upper
 172 100
 171 38.4 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: BG039446.D

Acq: 11 Feb 2019 22:46

Instrument :

BNA_G

ClientSampleId :

HB-VJ210

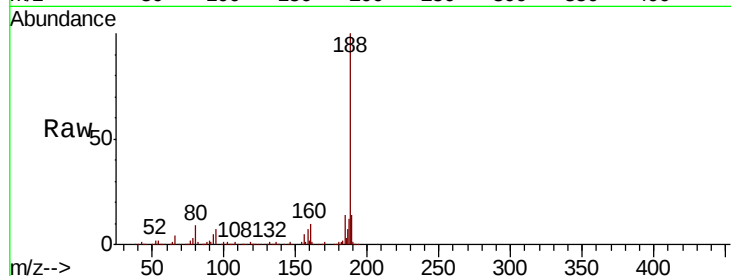
Tot Ion:188 Resp: 382080

Ion Ratio Lower Upper

188 100

94 7.3 6.9 10.3

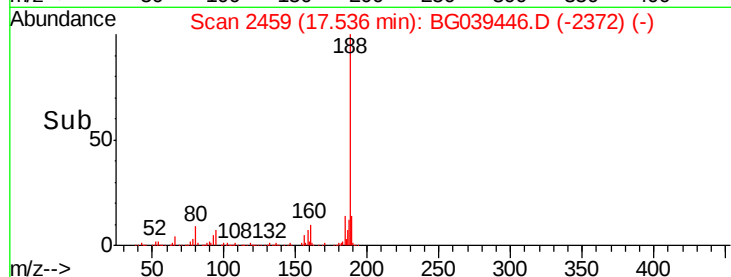
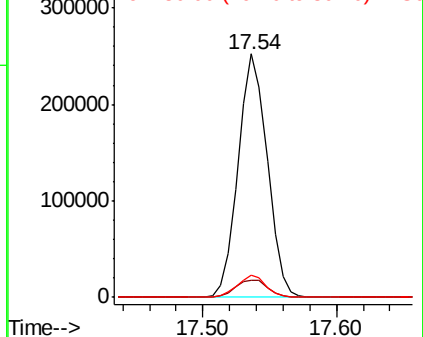
80 9.0 8.1 12.1



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: BG039446.D

Acq: 11 Feb 2019 22:46

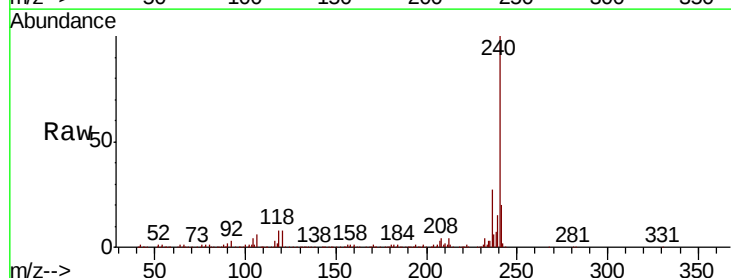
Tgt Ion:240 Resp: 404827

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

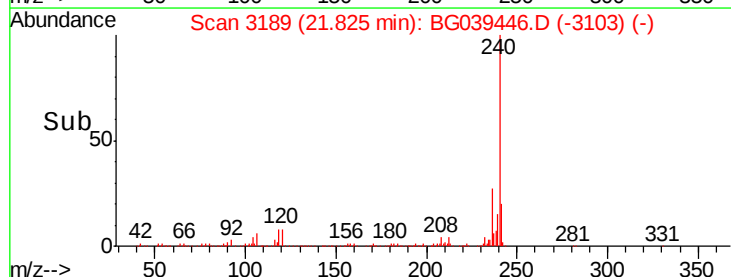
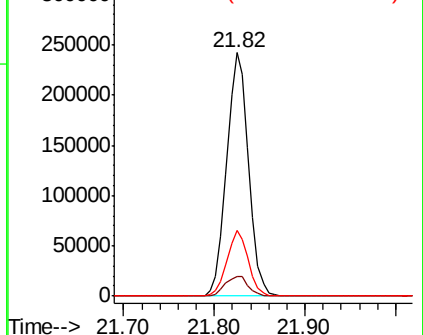
236 27.0 21.0 31.4

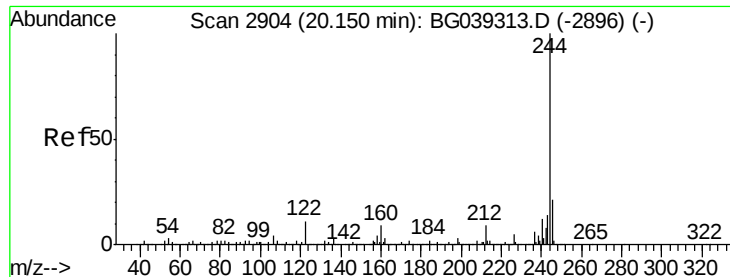


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 86.480 ng

RT: 20.13 min Scan# 2901

Delta R.T. -0.02 min

Lab File: BG039446.D

Acq: 11 Feb 2019 22:46

Instrument :

BNA_G

ClientSampleId :

HB-VJ210

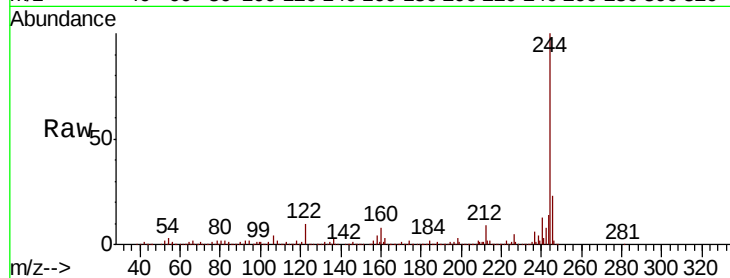
Tot Ion:244 Resp: 1653969

Ion Ratio Lower Upper

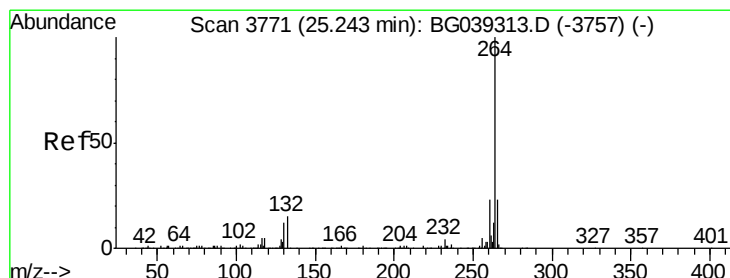
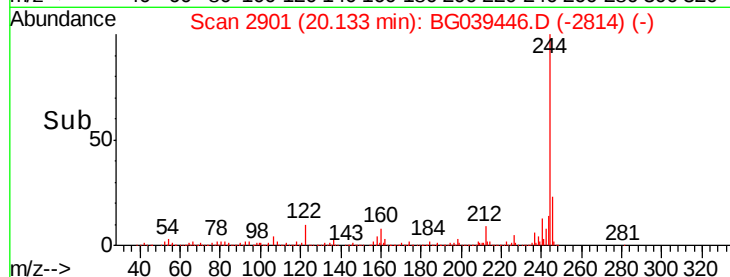
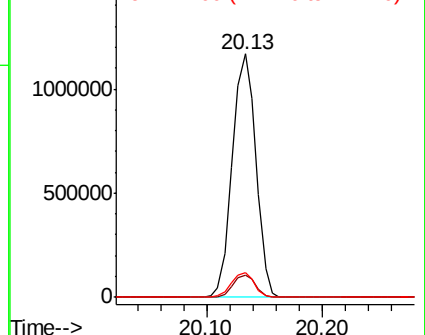
244 100

212 9.4 7.3 10.9

122 10.0 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: 25.20 min Scan# 3764

Delta R.T. -0.04 min

Lab File: BG039446.D

Acq: 11 Feb 2019 22:46

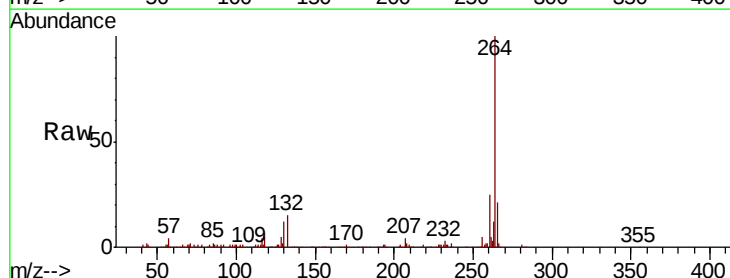
Tgt Ion:264 Resp: 401198

Ion Ratio Lower Upper

264 100

260 24.8 18.2 27.4

265 20.6 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

