

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021219\
 Data File : BG039476.D
 Acq On : 12 Feb 2019 23:12
 Operator : JU/SJ
 Sample : PB117058TB
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB117058TB

Quant Time: Feb 13 01:28:50 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	47823	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	215947	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	159233	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	390954	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	401865	20.00	ng	-0.02
87) Perylene-d12	25.22	264	404262	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	375197	134.28	ng	0.00
7) Phenol-d6	7.31	99	553500	134.57	ng	0.00
23) Nitrobenzene-d5	9.35	82	308851	89.35	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	231435	134.97	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	842840	75.93	ng	-0.01
79) Terphenyl-d14	20.14	244	1372614	72.30	ng	-0.01

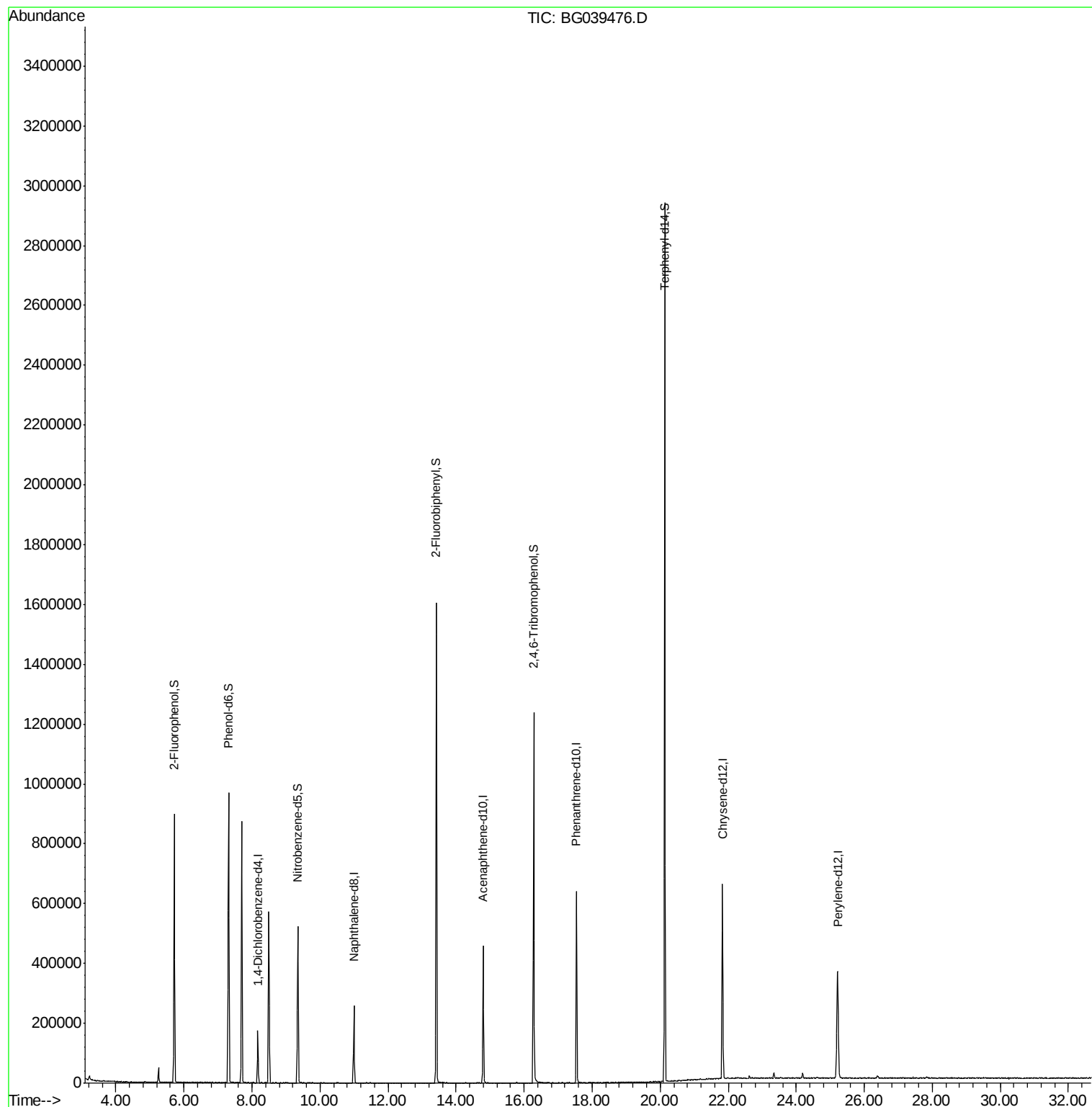
Target Compounds Qvalue

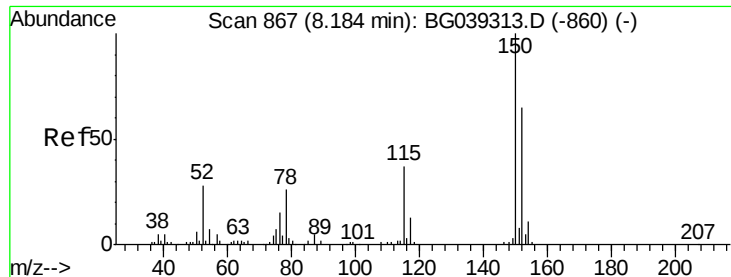
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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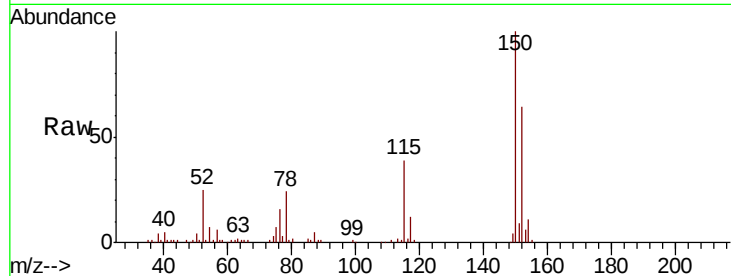


#1

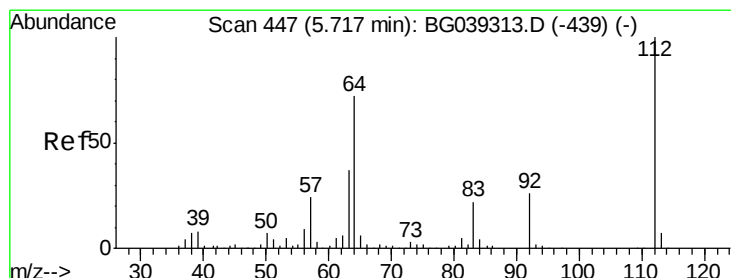
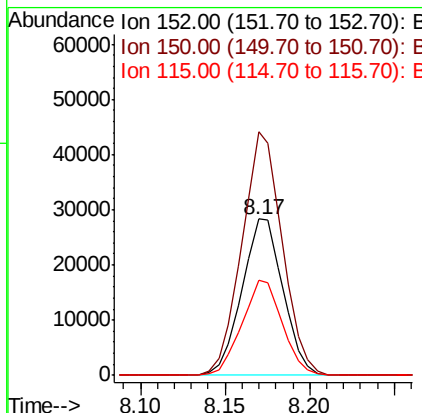
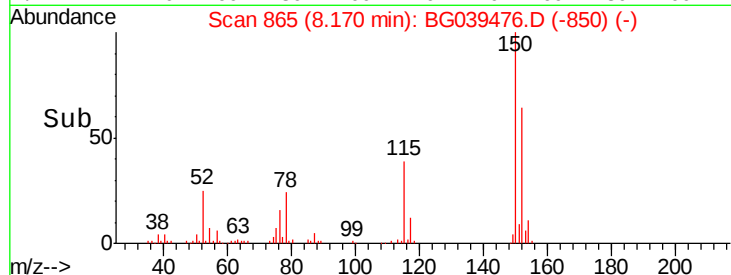
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 865
Delta R.T. -0.01 min
Lab File: BG039476.D
Acq: 12 Feb 2019 23:12

Instrument :
BNA_G
ClientSampleId :
PB117058TB

Tot Ion:152 Resp: 47823
Ion Ratio Lower Upper
152 100
150 155.7 123.7 185.5
115 61.2 45.9 68.9



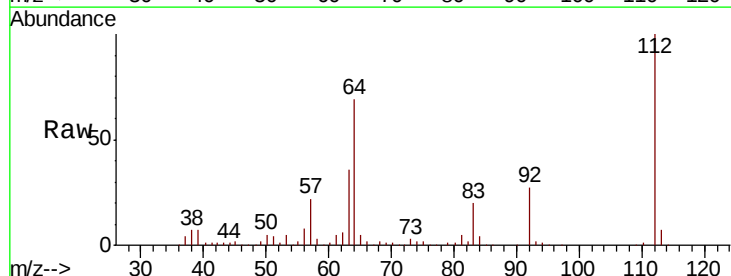
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



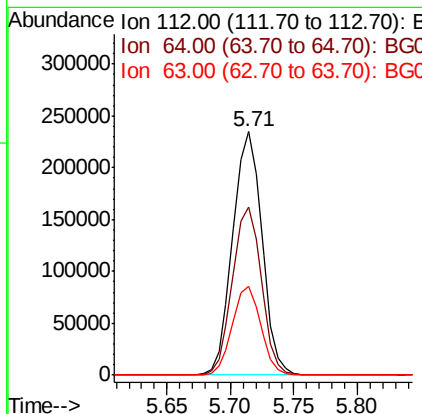
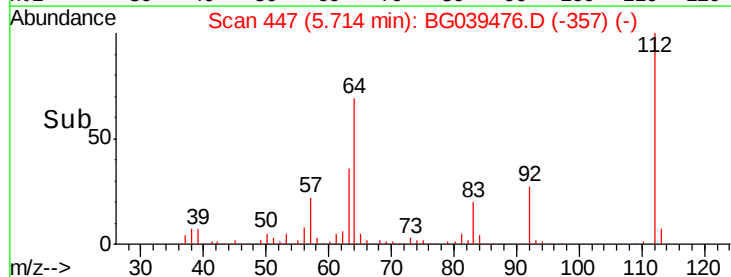
#5

2-Fluorophenol
Concen: 134.277 ng
RT: 5.71 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039476.D
Acq: 12 Feb 2019 23:12

Tgt Ion:112 Resp: 375197
Ion Ratio Lower Upper
112 100
64 69.0 57.8 86.8
63 36.3 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: 134.574 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039476.D

Acq: 12 Feb 2019 23:12

Instrument :

BNA_G

ClientSampleId :

PB117058TB

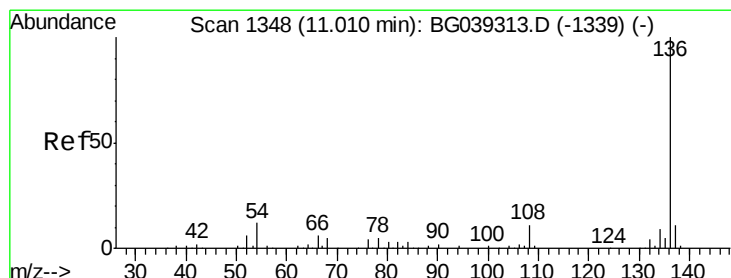
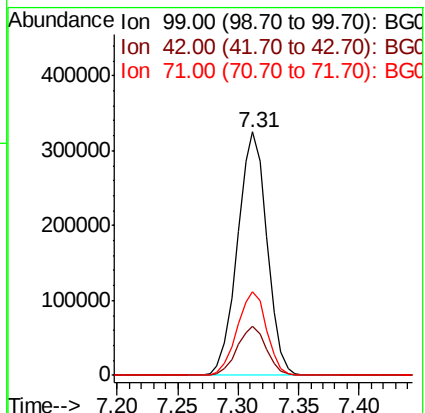
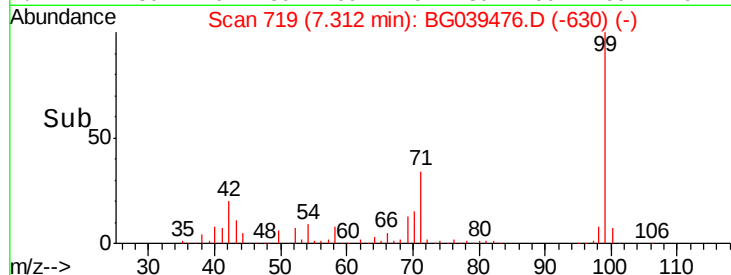
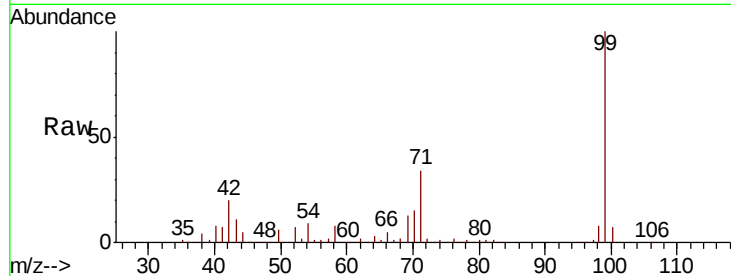
Tot Ion: 99 Resp: 553500

Ion Ratio Lower Upper

99 100

42 20.4 18.2 27.2

71 34.3 28.0 42.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.00 min Scan# 1346

Delta R.T. -0.01 min

Lab File: BG039476.D

Acq: 12 Feb 2019 23:12

Tgt Ion: 136 Resp: 215947

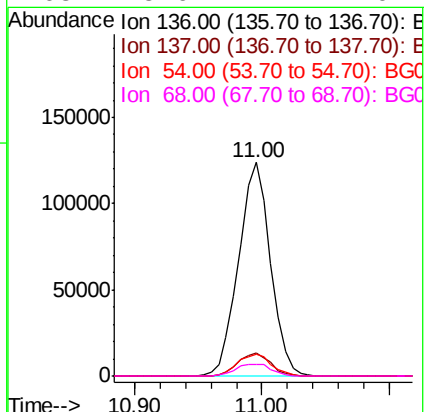
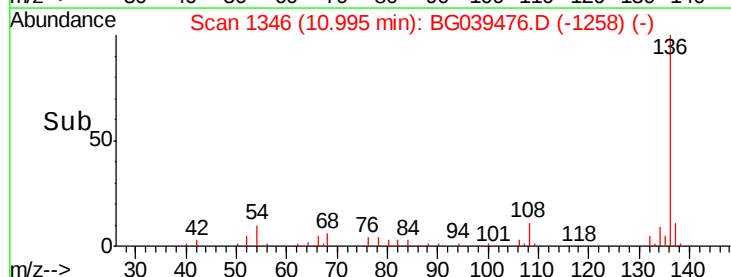
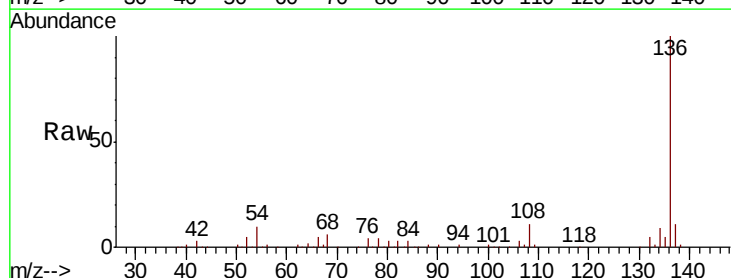
Ion Ratio Lower Upper

136 100

137 10.6 9.1 13.7

54 10.5 9.4 14.2

68 5.6 4.2 6.4

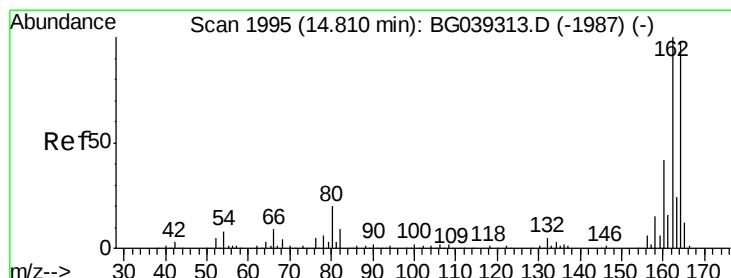
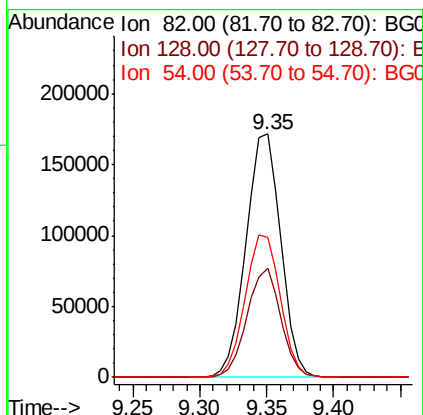
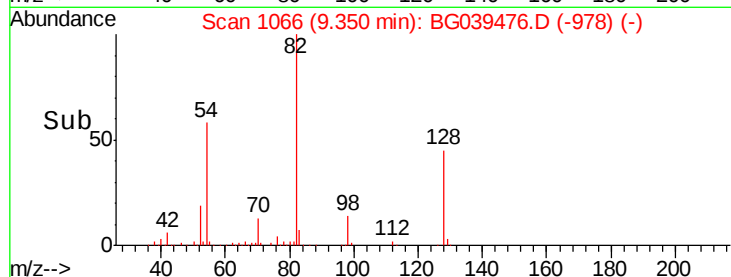
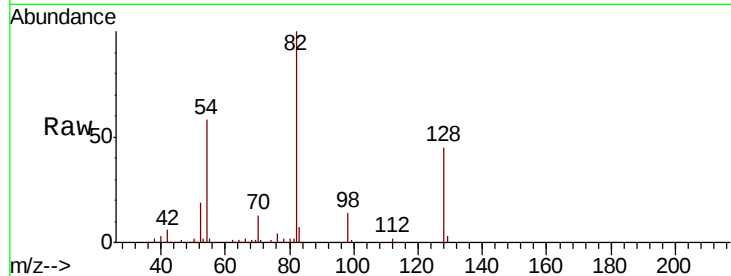




#23
Nitrobenzene-d5
Concen: 89.348 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039476.D
Acq: 12 Feb 2019 23:12

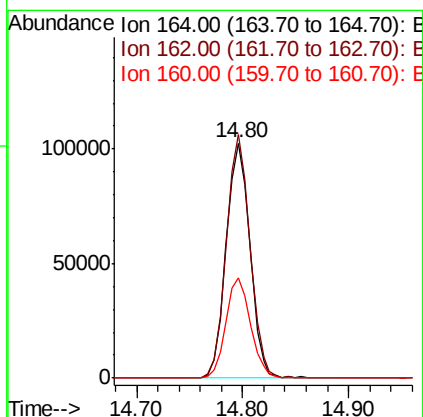
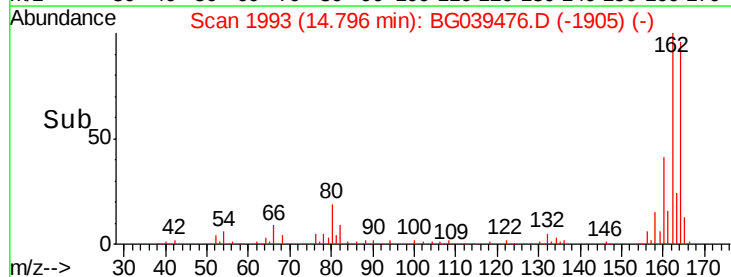
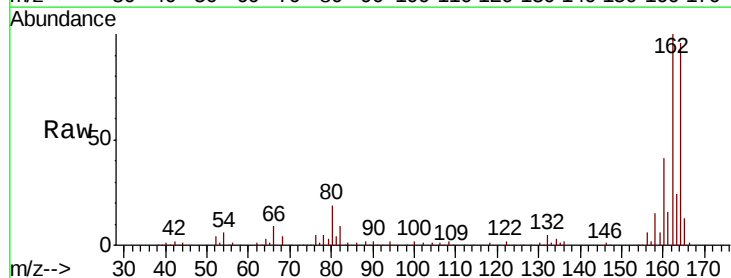
Instrument :
BNA_G
ClientSampleId :
PB117058TB

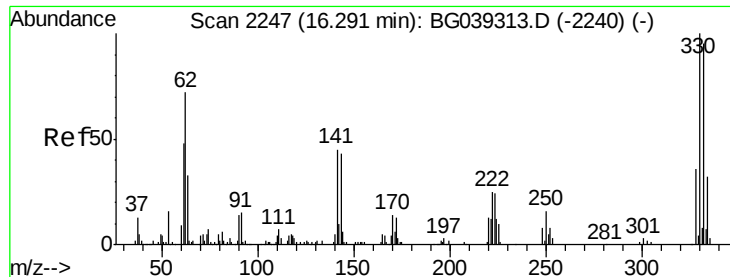
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.8	31.3	46.9
54	57.7	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039476.D
Acq: 12 Feb 2019 23:12

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.6	122.4
160	42.9	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 134.974 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039476.D

Acq: 12 Feb 2019 23:12

Instrument :

BNA_G

ClientSampleId :

PB117058TB

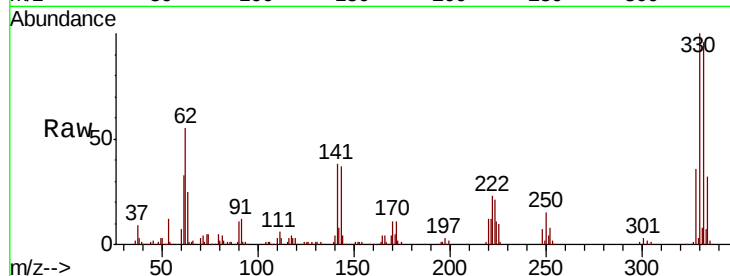
Tot Ion:330 Resp: 231435

Ion Ratio Lower Upper

330 100

332 94.7 75.7 113.5

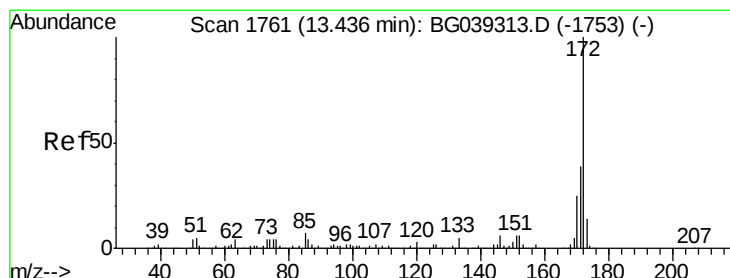
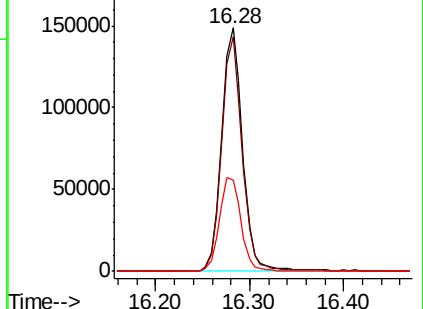
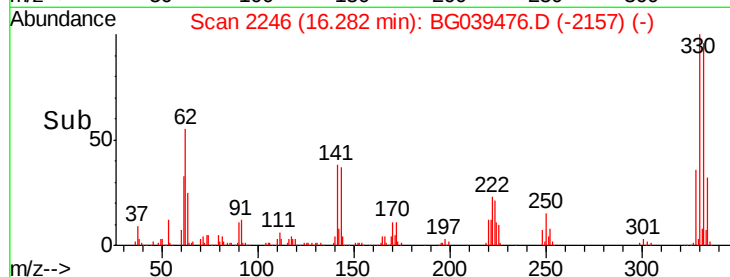
141 40.0 35.6 53.4



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: 75.933 ng

RT: 13.42 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG039476.D

Acq: 12 Feb 2019 23:12

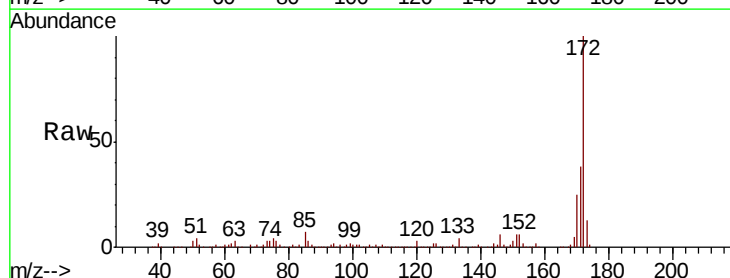
Tgt Ion:172 Resp: 842840

Ion Ratio Lower Upper

172 100

171 38.2 30.8 46.2

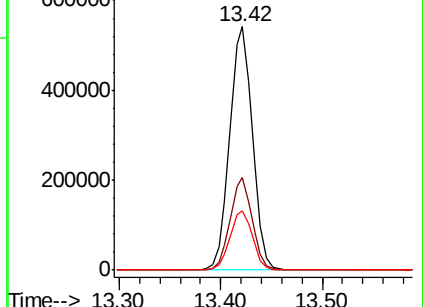
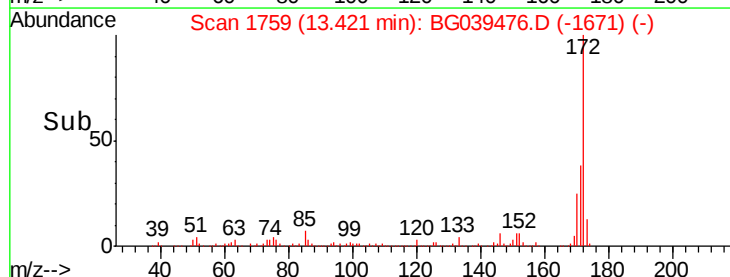
170 24.6 20.2 30.4



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: BG039476.D

Acq: 12 Feb 2019 23:12

Instrument :

BNA_G

ClientSampleId :

PB117058TB

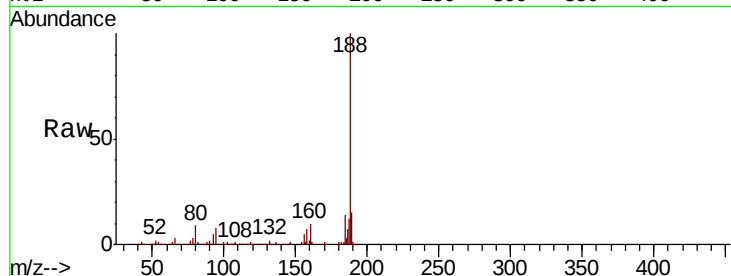
Tot Ion:188 Resp: 390954

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

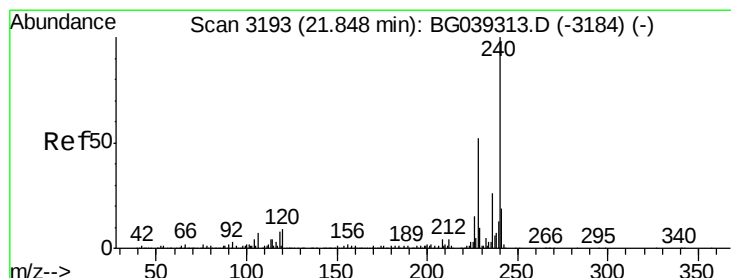
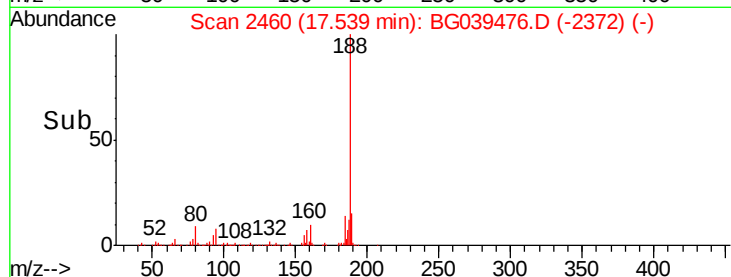
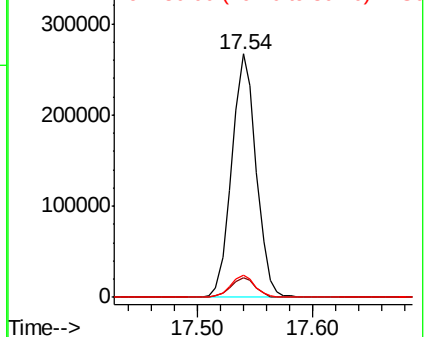
80 9.1 8.1 12.1



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: BG039476.D

Acq: 12 Feb 2019 23:12

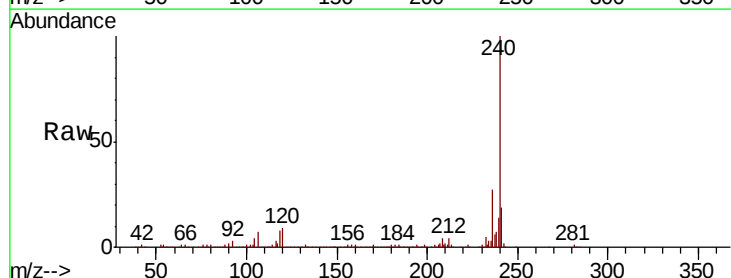
Tgt Ion:240 Resp: 401865

Ion Ratio Lower Upper

240 100

120 9.2 7.0 10.6

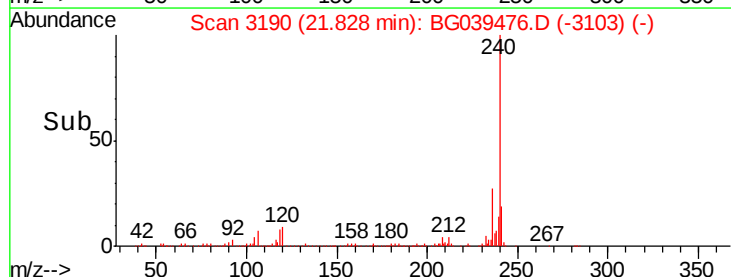
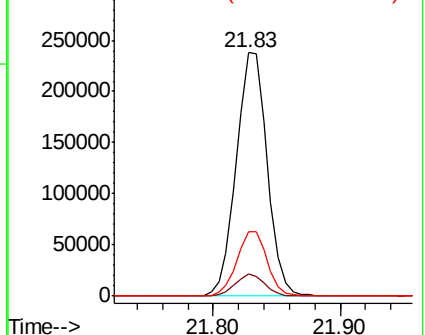
236 26.6 21.0 31.4



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: 72.298 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039476.D

Acq: 12 Feb 2019 23:12

Instrument :

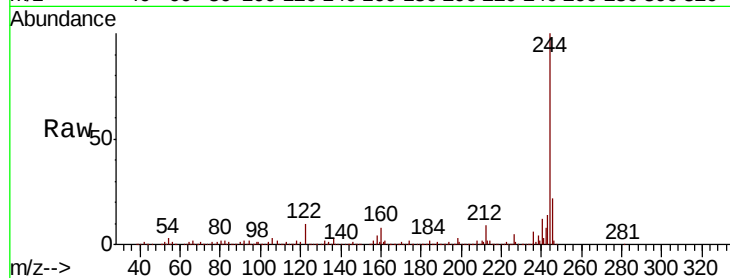
BNA_G

ClientSampleId :

PB117058TB

Tot Ion:244 Resp: 1372614

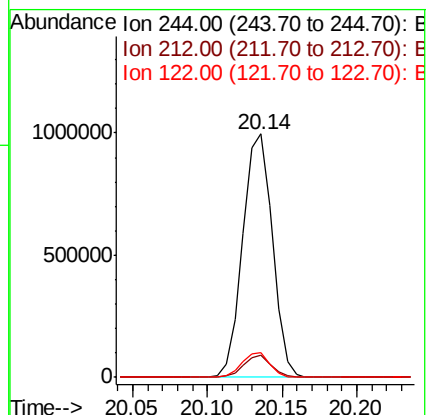
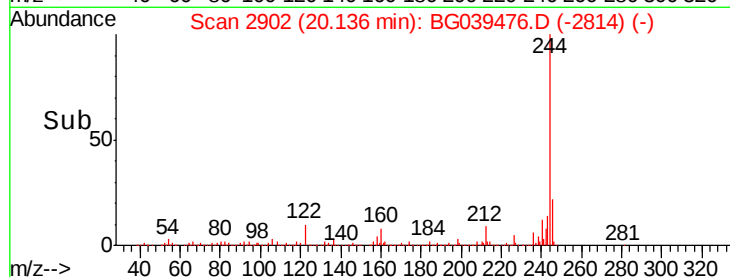
Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.3	10.9
122	9.9	8.4	12.6



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: 25.22 min Scan# 3767

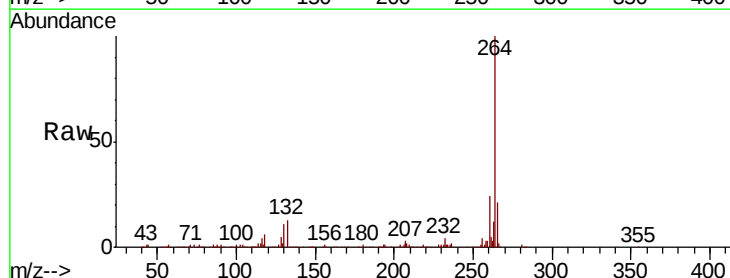
Delta R.T. -0.03 min

Lab File: BG039476.D

Acq: 12 Feb 2019 23:12

Tgt Ion:264 Resp: 404262

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	21.2	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

