

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039386.D
 Acq On : 7 Feb 2019 17:41
 Operator : JU/SJ
 Sample : K1383-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FB-02-05-19

Quant Time: Feb 08 23:47:57 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	54158	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	229992	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	148788	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	363438	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	390023	20.00	ng	-0.02
87) Perylene-d12	25.21	264	391737	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	201416	63.65	ng	0.00
7) Phenol-d6	7.31	99	171665	36.86	ng	-0.01
23) Nitrobenzene-d5	9.35	82	397004	107.84	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	248512	155.11	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	999518	96.37	ng	-0.01
79) Terphenyl-d14	20.14	244	1554829	84.38	ng	-0.01

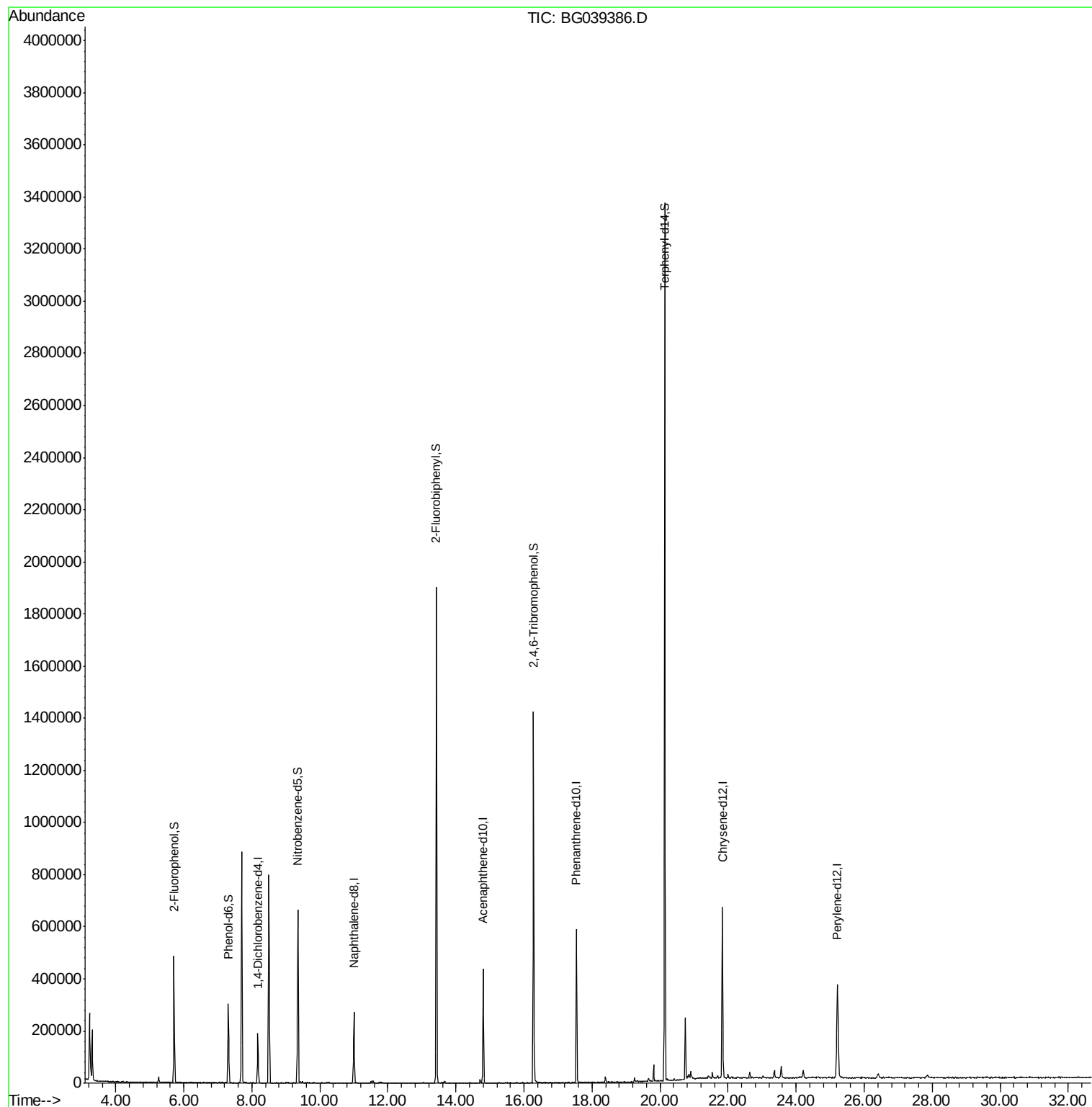
Target Compounds Qvalue

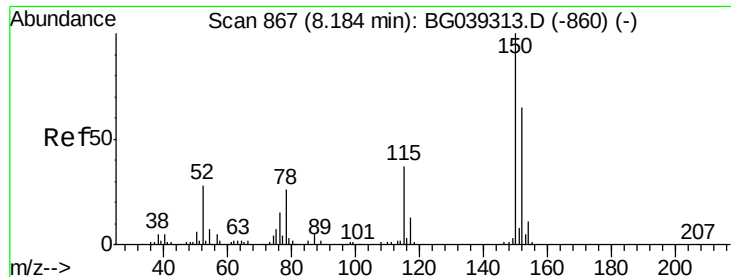
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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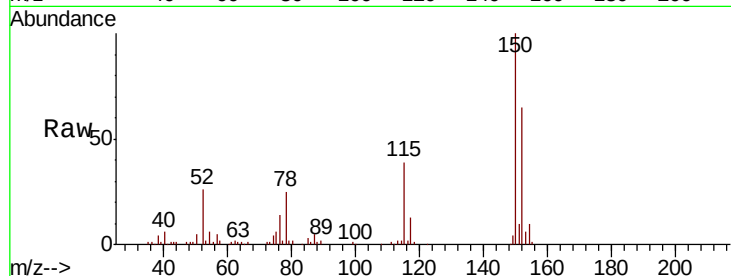


#1

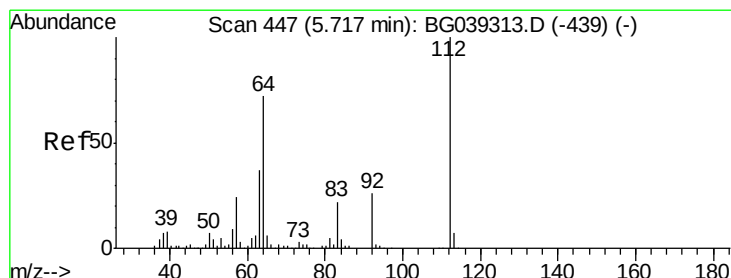
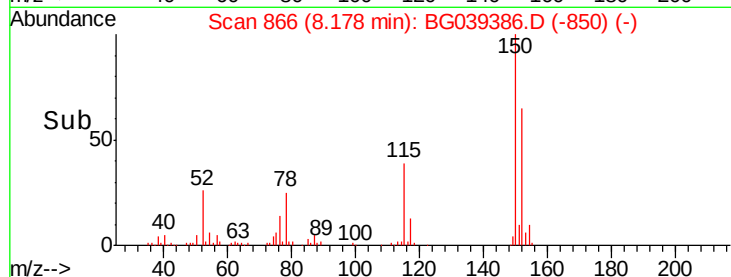
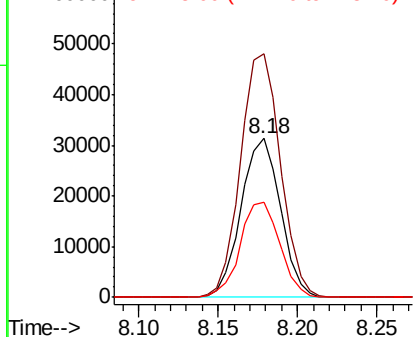
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 866
Delta R.T. -0.01 min
Lab File: BG039386.D
Acq: 7 Feb 2019 17:41

Instrument :
BNA_G
ClientSampleId :
FB-02-05-19

Tot Ion:152 Resp: 54158
Ion Ratio Lower Upper
152 100
150 153.6 123.7 185.5
115 59.9 45.9 68.9



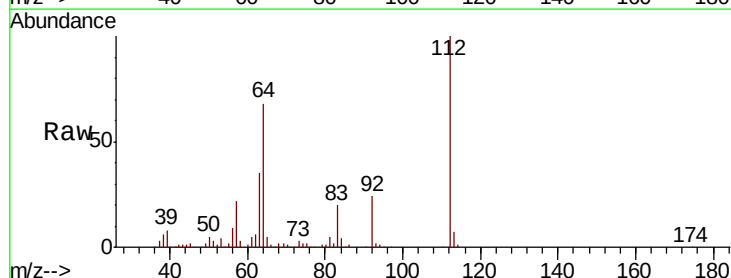
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



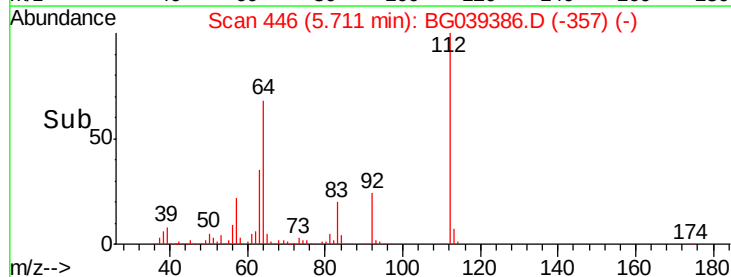
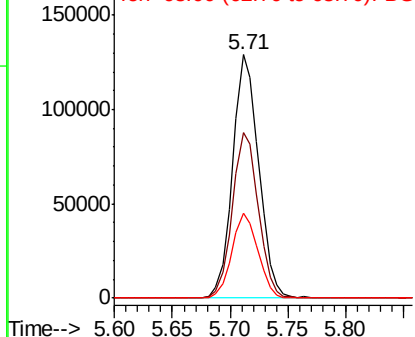
#5

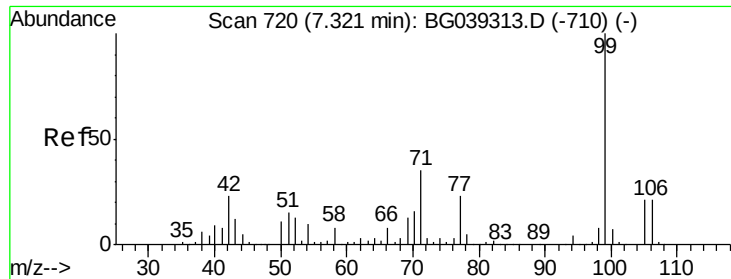
2-Fluorophenol
Concen: 63.652 ng
RT: 5.71 min Scan# 446
Delta R.T. -0.01 min
Lab File: BG039386.D
Acq: 7 Feb 2019 17:41

Tgt Ion:112 Resp: 201416
Ion Ratio Lower Upper
112 100
64 68.0 57.8 86.8
63 35.0 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: 36.855 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039386.D

Acq: 7 Feb 2019 17:41

Instrument :

BNA_G

ClientSampled :

FB-02-05-19

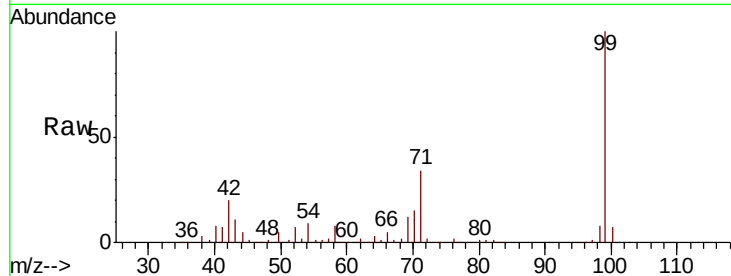
Tot Ion: 99 Resp: 171665

Ion Ratio Lower Upper

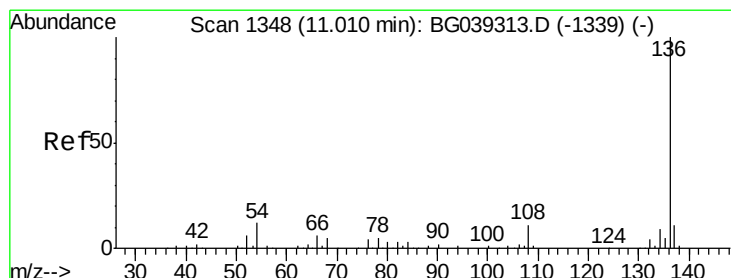
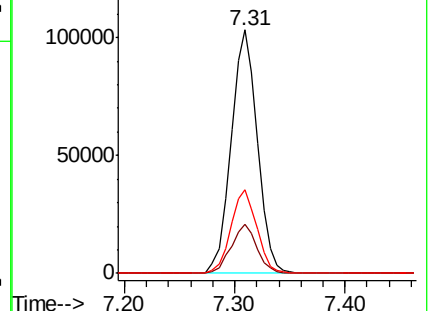
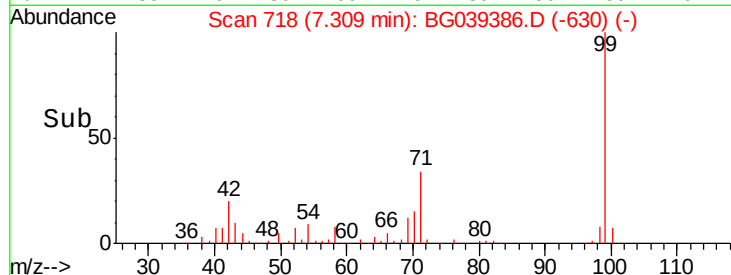
99 100

42 20.3 18.2 27.2

71 34.5 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: BG039386.D

Acq: 7 Feb 2019 17:41

Tgt Ion: 136 Resp: 229992

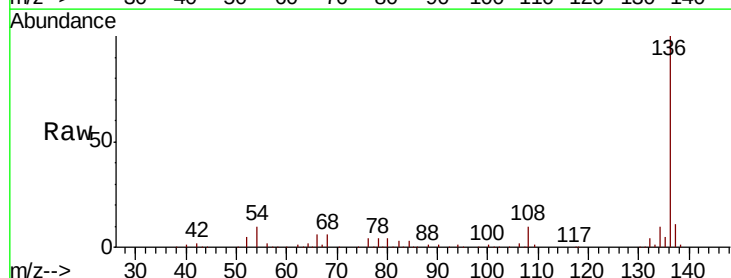
Ion Ratio Lower Upper

136 100

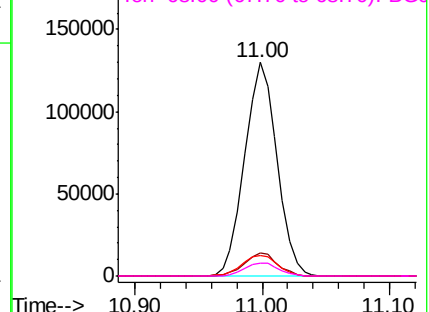
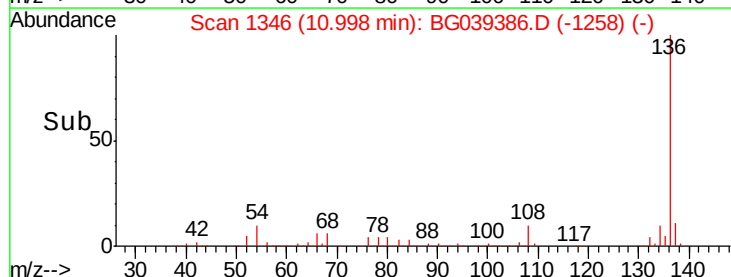
137 10.8 9.1 13.7

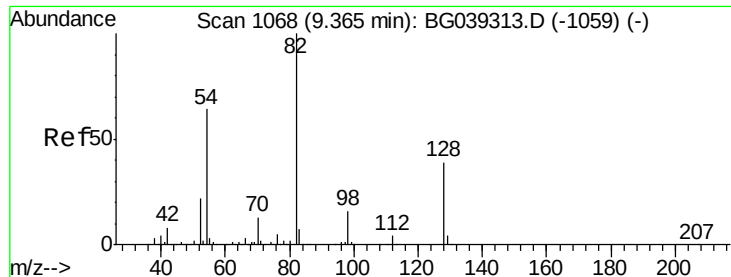
54 9.8 9.4 14.2

68 6.1 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

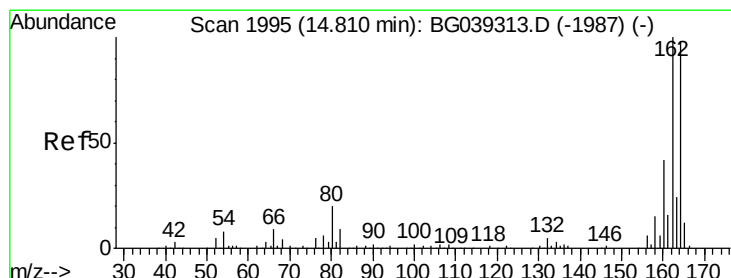
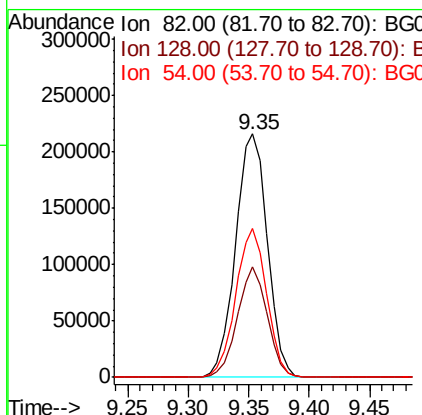
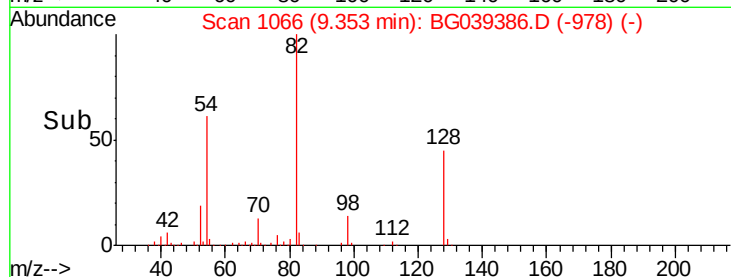
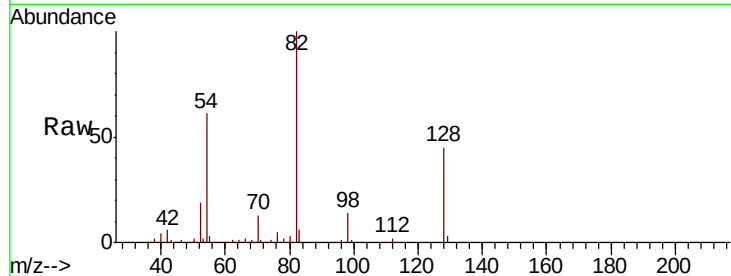




#23
 Nitrobenzene-d5
 Concen: 107.836 ng
 RT: 9.35 min Scan# 1066
 Delta R.T. -0.01 min
 Lab File: BG039386.D
 Acq: 7 Feb 2019 17:41

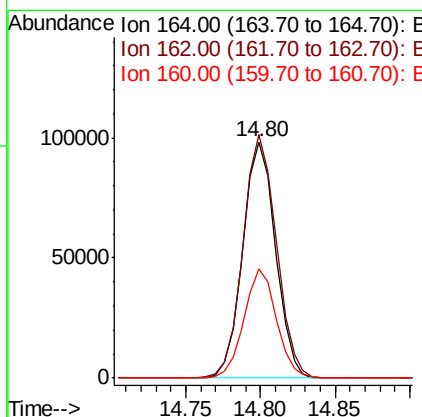
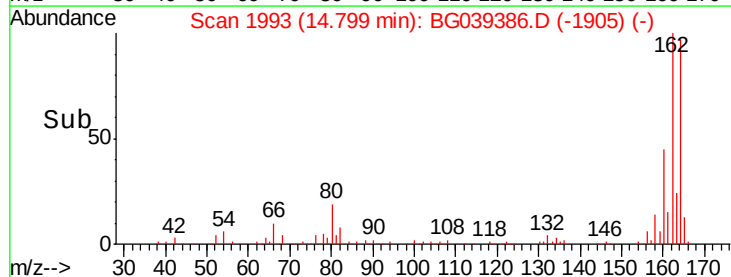
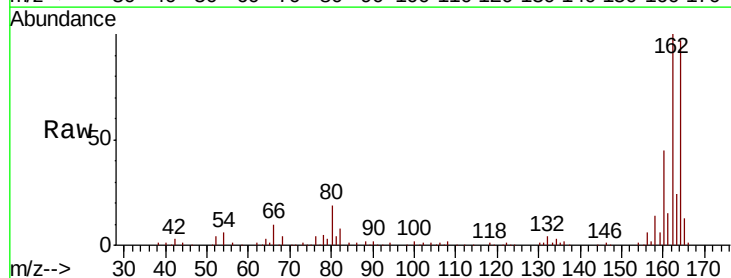
Instrument :
 BNA_G
 ClientSampleId :
 FB-02-05-19

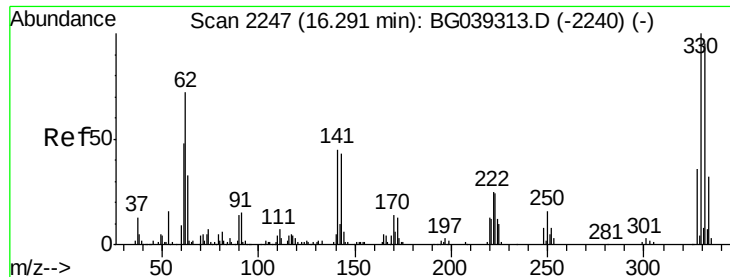
Tot Ion	82	Resp	397004
Ion Ratio	100	Lower	Upper
128	45.4	31.3	46.9
54	61.3	50.9	76.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.80 min Scan# 1993
 Delta R.T. -0.01 min
 Lab File: BG039386.D
 Acq: 7 Feb 2019 17:41

Tgt Ion	164	Resp	148788
Ion Ratio	100	Lower	Upper
162	103.2	81.6	122.4
160	46.0	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 155.108 ng

RT: 16.29 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039386.D

Acq: 7 Feb 2019 17:41

Instrument :

BNA_G

ClientSampleId :

FB-02-05-19

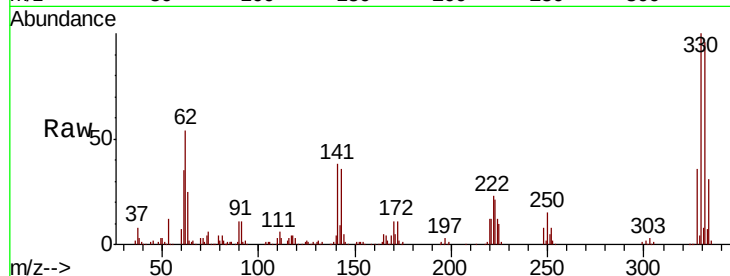
Tot Ion:330 Resp: 248512

Ion Ratio Lower Upper

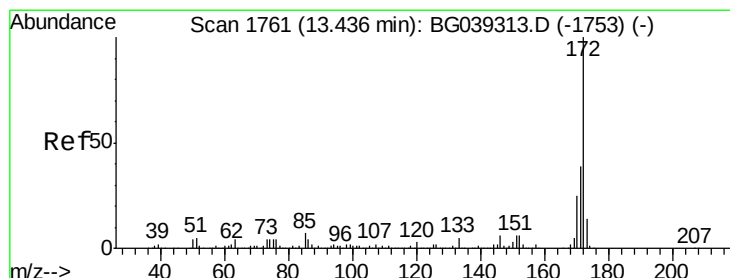
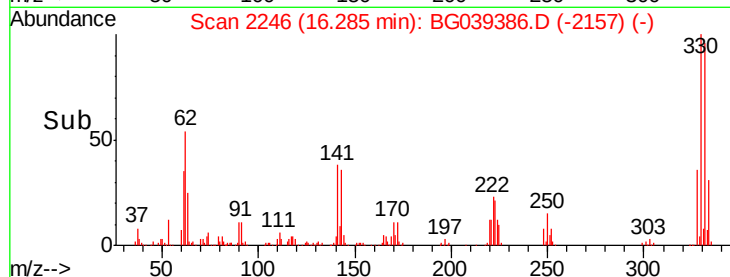
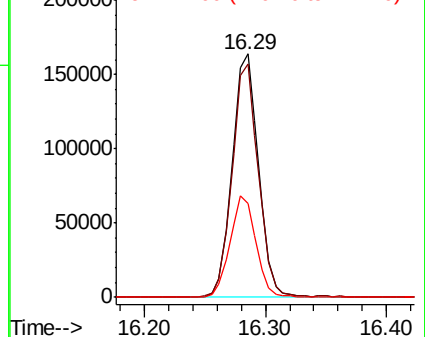
330 100

332 95.9 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: 96.369 ng

RT: 13.42 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BG039386.D

Acq: 7 Feb 2019 17:41

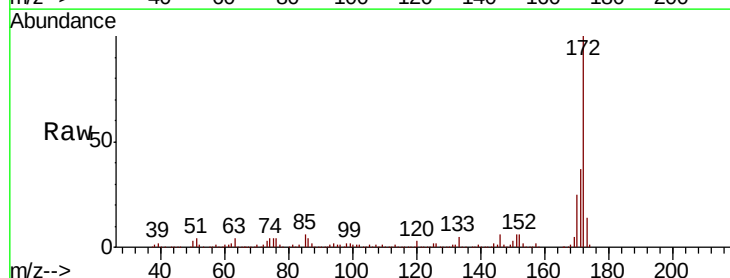
Tgt Ion:172 Resp: 999518

Ion Ratio Lower Upper

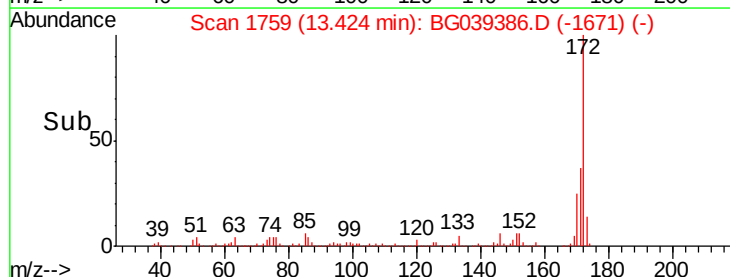
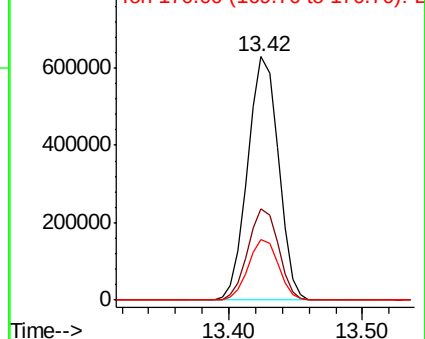
172 100

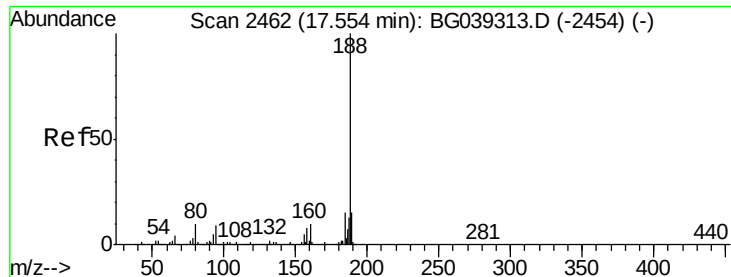
171 37.3 30.8 46.2

170 25.1 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: BG039386.D

Acq: 7 Feb 2019 17:41

Instrument :

BNA_G

ClientSampleId :

FB-02-05-19

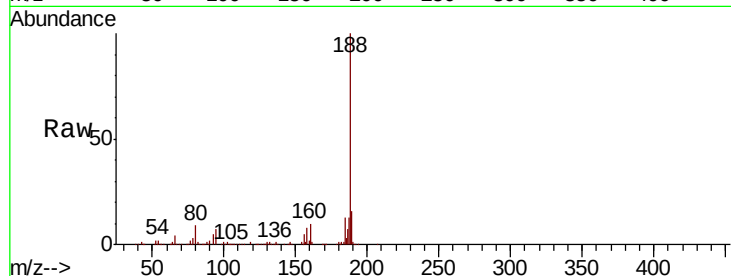
Tot Ion:188 Resp: 363438

Ion Ratio Lower Upper

188 100

94 7.2 6.9 10.3

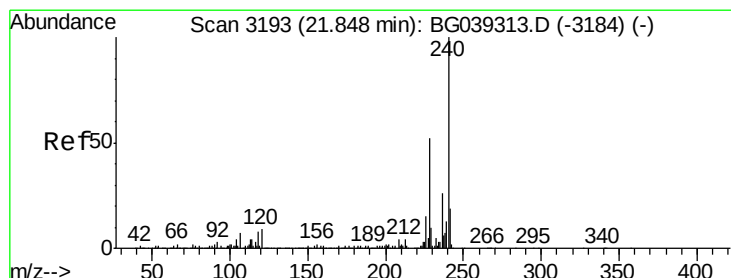
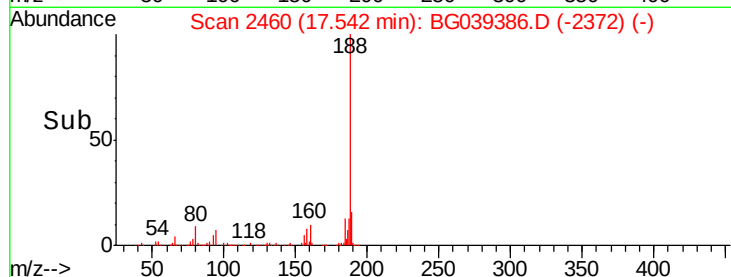
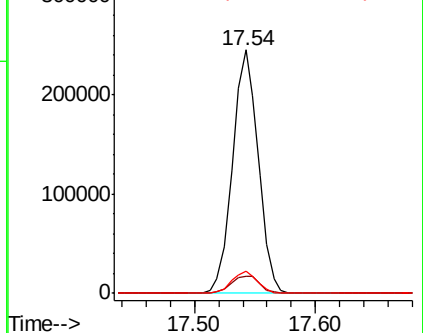
80 9.2 8.1 12.1



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: BG039386.D

Acq: 7 Feb 2019 17:41

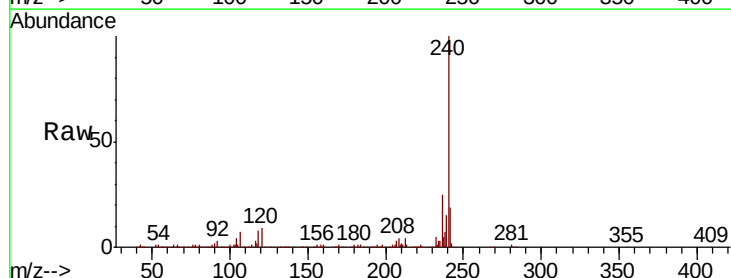
Tgt Ion:240 Resp: 390023

Ion Ratio Lower Upper

240 100

120 8.6 7.0 10.6

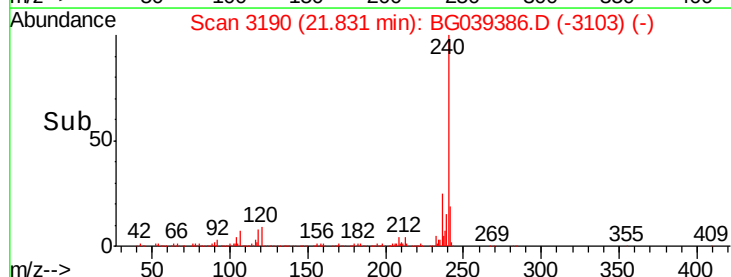
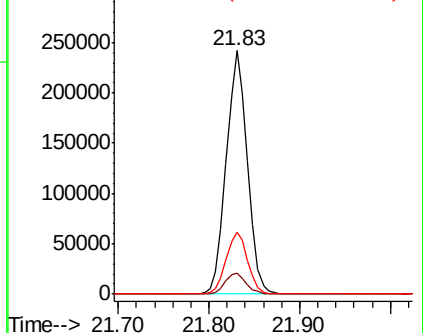
236 25.4 21.0 31.4

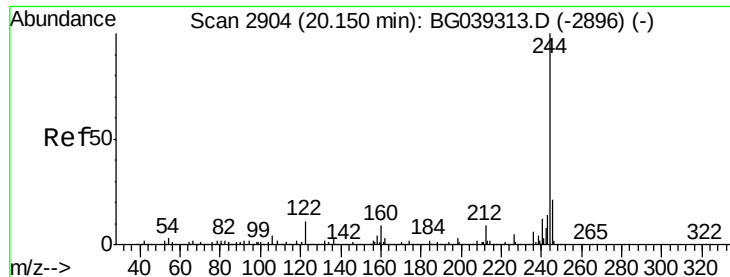


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 84.382 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039386.D

Acq: 7 Feb 2019 17:41

Instrument :

BNA_G

ClientSampled :

FB-02-05-19

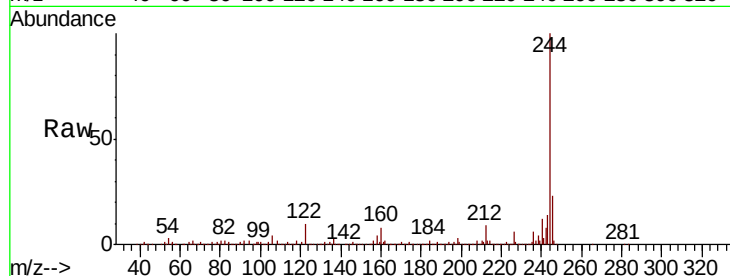
Tot Ion:244 Resp: 1554829

Ion Ratio Lower Upper

244 100

212 9.2 7.3 10.9

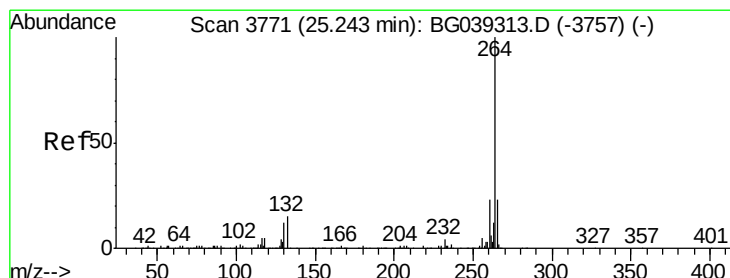
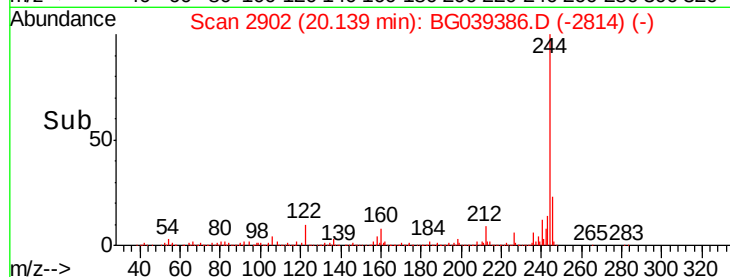
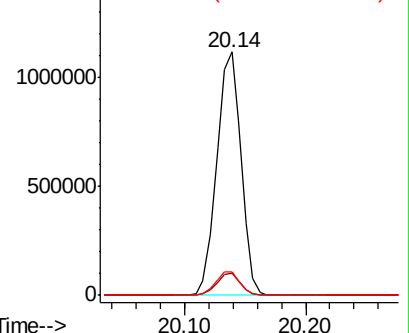
122 9.8 8.4 12.6



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: BG039386.D

Acq: 7 Feb 2019 17:41

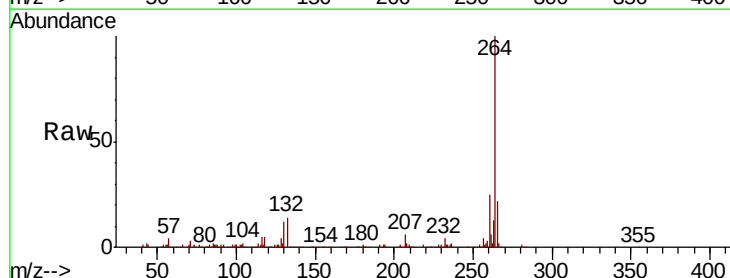
Tgt Ion:264 Resp: 391737

Ion Ratio Lower Upper

264 100

260 24.9 18.2 27.4

265 22.4 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

