

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013019\
 Data File : BG039338.D
 Acq On : 30 Jan 2019 21:51
 Operator : JU/SJ
 Sample : K1282-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1

Quant Time: Jan 31 06:10:37 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	41411	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	172653	20.00	ng	0.00
39) Acenaphthene-d10	14.80	164	115885	20.00	ng	0.00
64) Phenanthrene-d10	17.55	188	290057	20.00	ng	0.00
76) Chrysene-d12	21.84	240	310012	20.00	ng	-0.01
87) Perylene-d12	25.23	264	304861	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	299269	123.69	ng	0.00
7) Phenol-d6	7.31	99	400089	112.34	ng	0.00
23) Nitrobenzene-d5	9.35	82	273912	99.11	ng	-0.01
42) 2,4,6-Tribromophenol	16.29	330	170535	136.66	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	692978	85.78	ng	0.00
79) Terphenyl-d14	20.14	244	1176841	80.35	ng	0.00

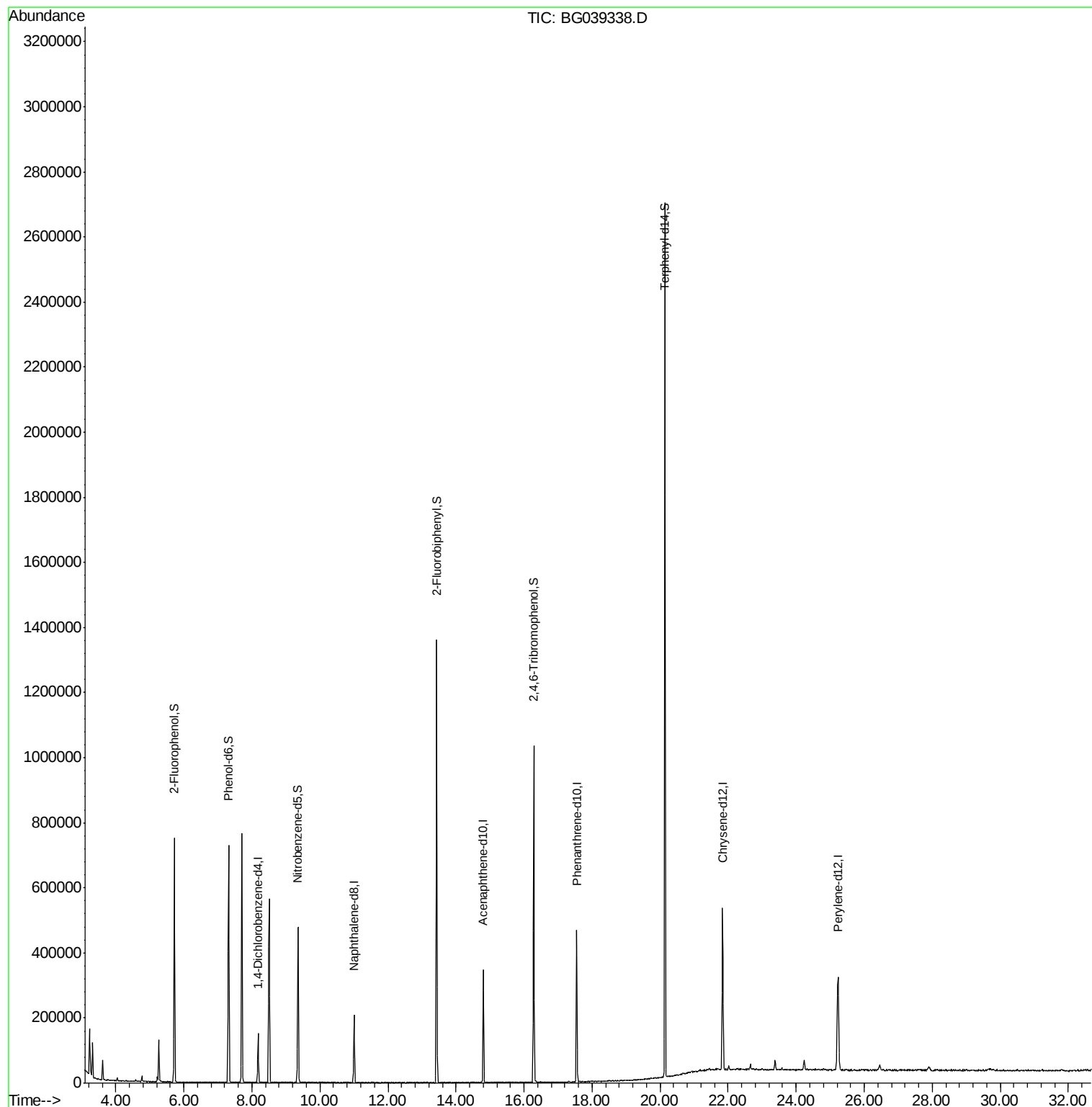
Target Compounds Qvalue

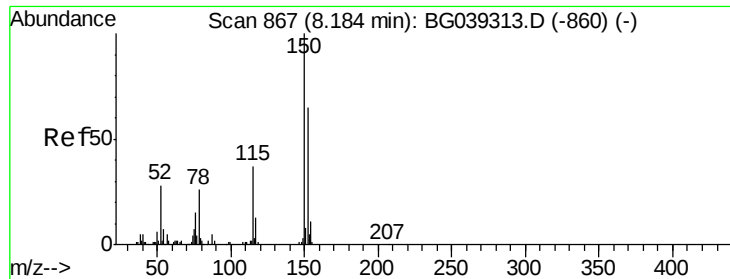
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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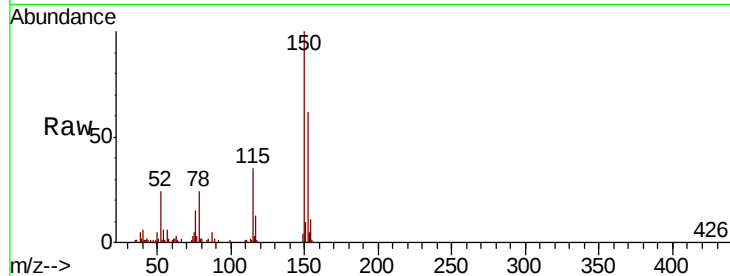


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.18 min Scan# 867
Delta R.T. -0.00 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Instrument :
BNA_G
ClientSampled :
TP-1

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	123.7	185.5
115	55.9	45.9	68.9

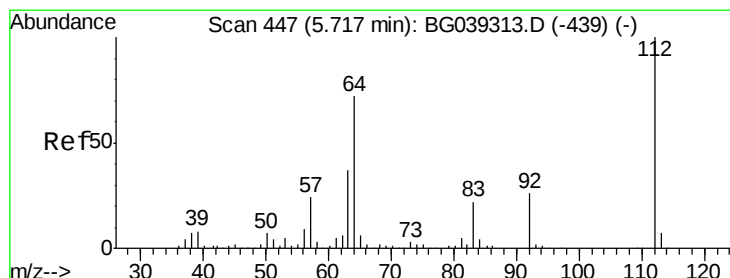
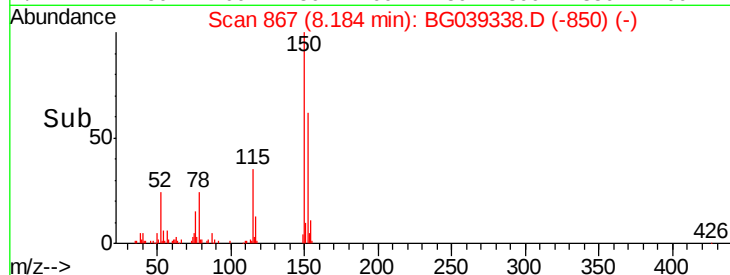
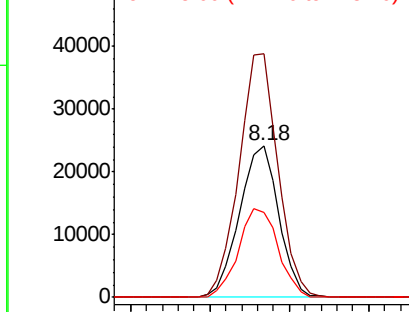


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

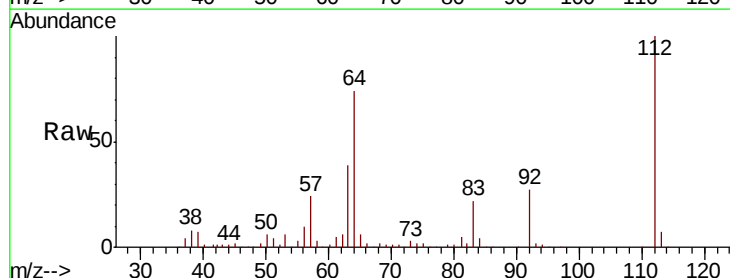
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 123.687 ng
RT: 5.72 min Scan# 447
Delta R.T. -0.00 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	73.7	57.8	86.8
63	39.4	29.8	44.6

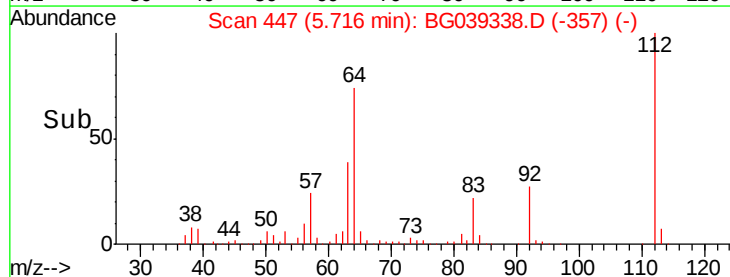
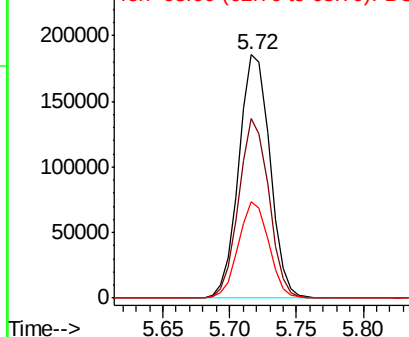


Abundance

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: 112.336 ng

RT: 7.31 min Scan# 719

Delta R.T. -0.01 min

Lab File: BG039338.D

Acq: 30 Jan 2019 21:51

Instrument :

BNA_G

ClientSampleId :

TP-1

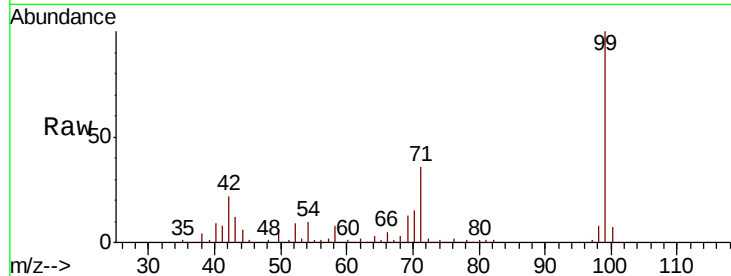
Tot Ion: 99 Resp: 400089

Ion Ratio Lower Upper

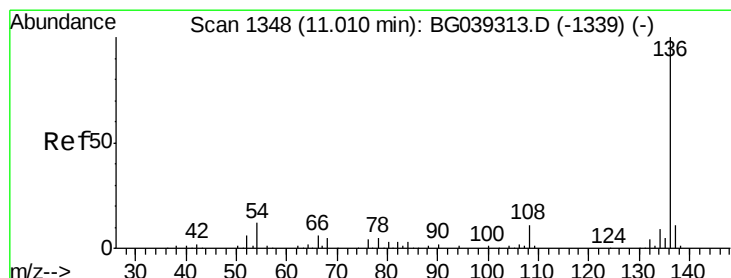
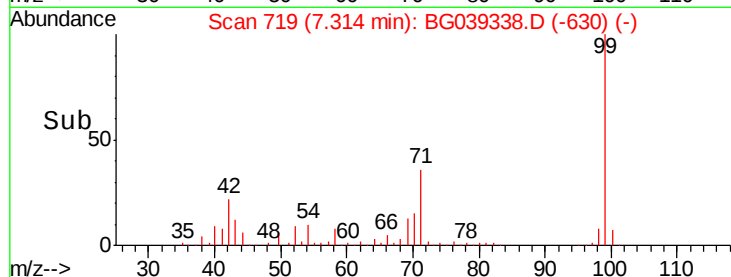
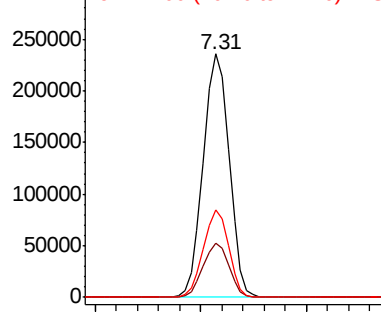
99 100

42 22.5 18.2 27.2

71 35.9 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# 1347

Delta R.T. -0.01 min

Lab File: BG039338.D

Acq: 30 Jan 2019 21:51

Tgt Ion: 136 Resp: 172653

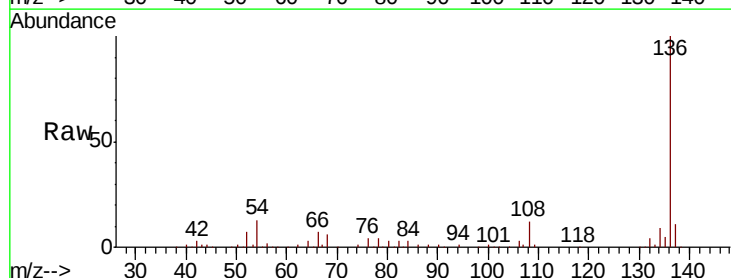
Ion Ratio Lower Upper

136 100

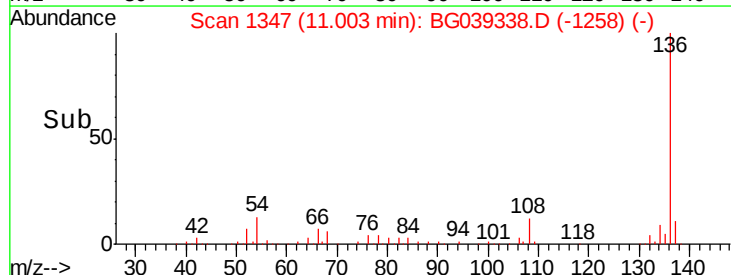
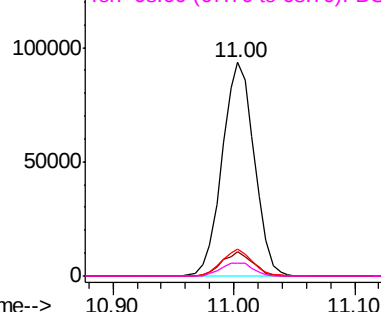
137 11.4 9.1 13.7

54 12.9 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

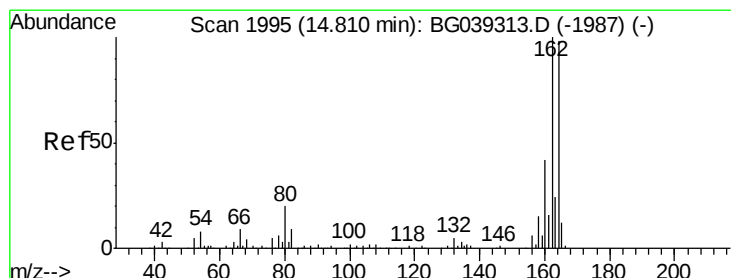
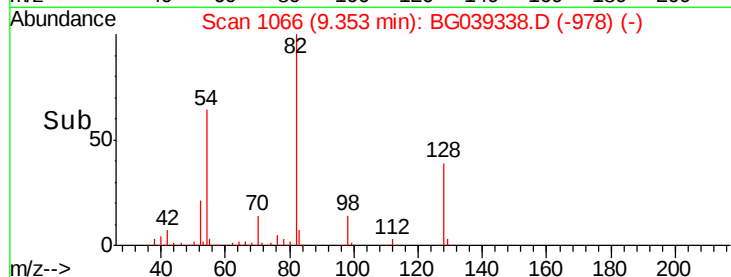
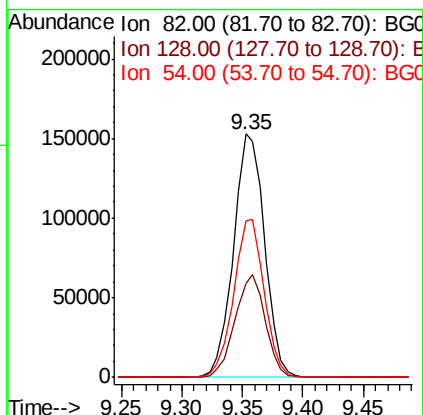
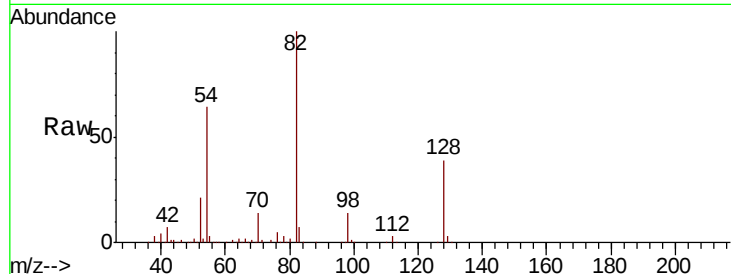




#23
Nitrobenzene-d5
Concen: 99.110 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

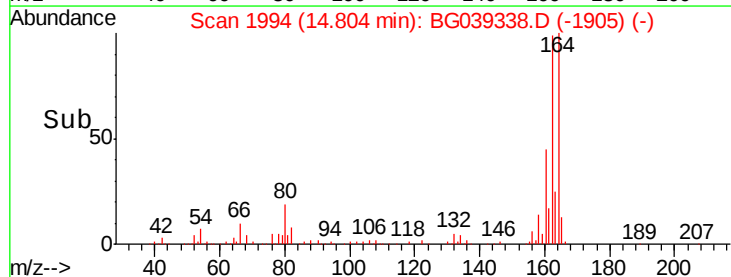
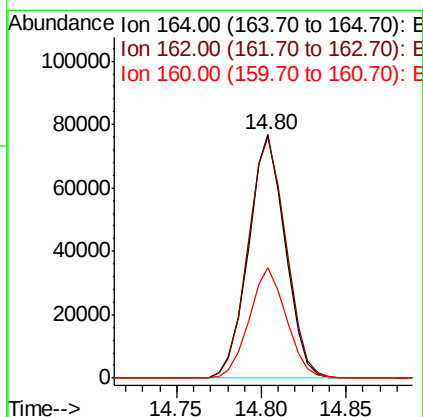
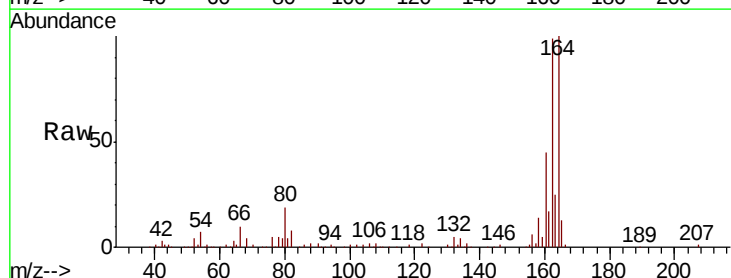
Instrument :
BNA_G
ClientSampleId :
TP-1

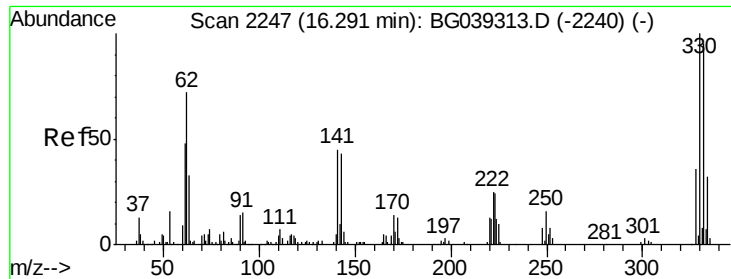
Tot Ion	82.00	Resp	273912
Ion Ratio	Lower	Upper	
82	100		
128	38.8	31.3	46.9
54	64.1	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1994
Delta R.T. -0.01 min
Lab File: BG039338.D
Acq: 30 Jan 2019 21:51

Tgt Ion	164.00	Resp	115885
Ion Ratio	Lower	Upper	
164	100		
162	99.2	81.6	122.4
160	45.3	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 136.659 ng

RT: 16.29 min Scan# 2247

Delta R.T. -0.00 min

Lab File: BG039338.D

Acq: 30 Jan 2019 21:51

Instrument :

BNA_G

ClientSampleId :

TP-1

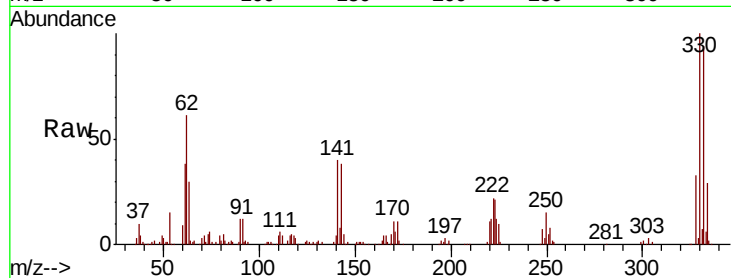
Tot Ion:330 Resp: 170535

Ion Ratio Lower Upper

330 100

332 94.5 75.7 113.5

141 43.3 35.6 53.4

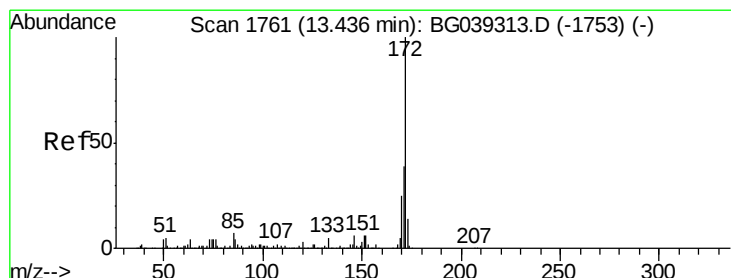
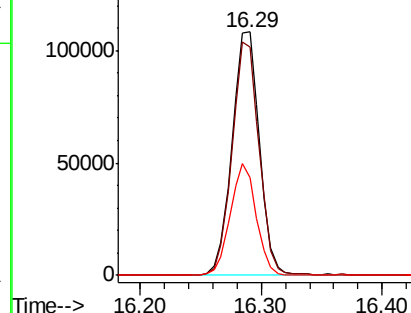
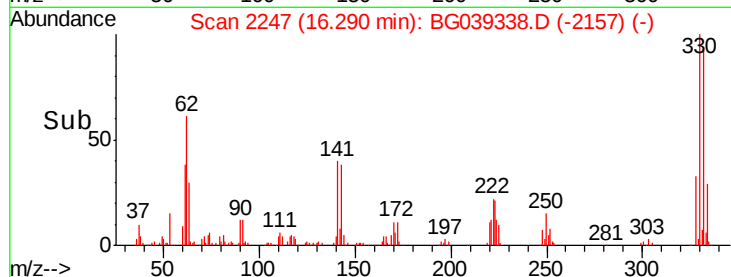


Abundance

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: 85.784 ng

RT: 13.43 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG039338.D

Acq: 30 Jan 2019 21:51

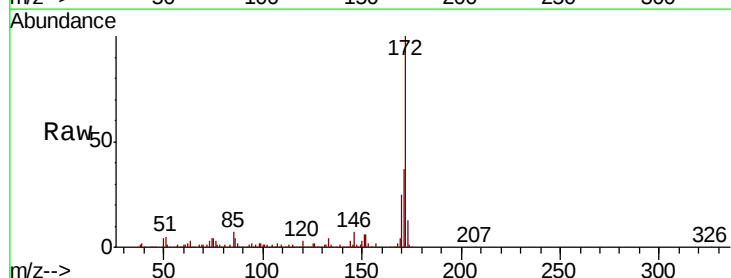
Tgt Ion:172 Resp: 692978

Ion Ratio Lower Upper

172 100

171 36.9 30.8 46.2

170 24.7 20.2 30.4

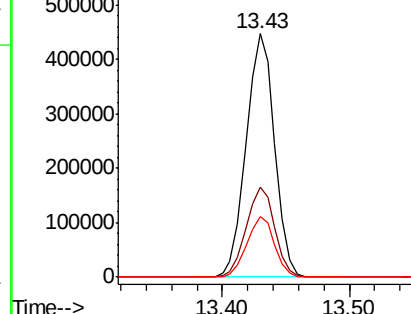
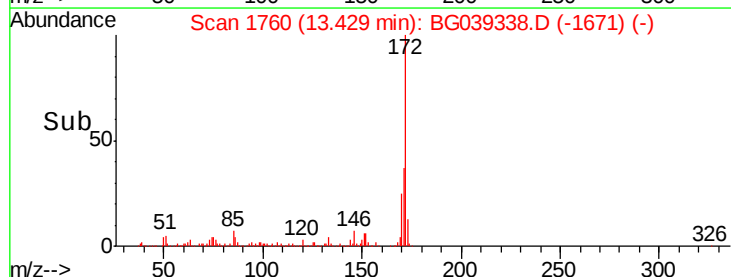


Abundance

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: 17.55 min Scan# 2461

Delta R.T. -0.01 min

Lab File: BG039338.D

Acq: 30 Jan 2019 21:51

Instrument :

BNA_G

ClientSampled :

TP-1

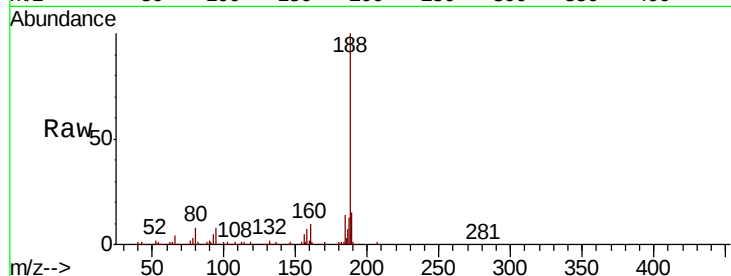
Tot Ion:188 Resp: 290057

Ion Ratio Lower Upper

188 100

94 7.9 6.9 10.3

80 8.4 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

250000

200000

150000

100000

50000

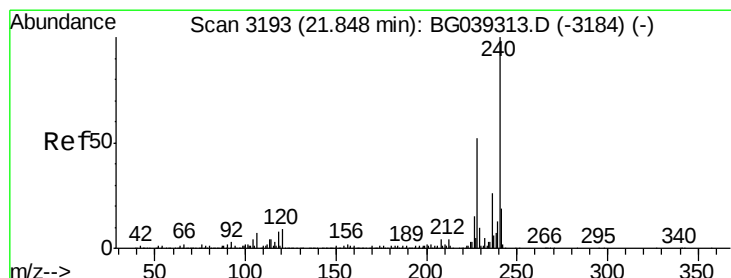
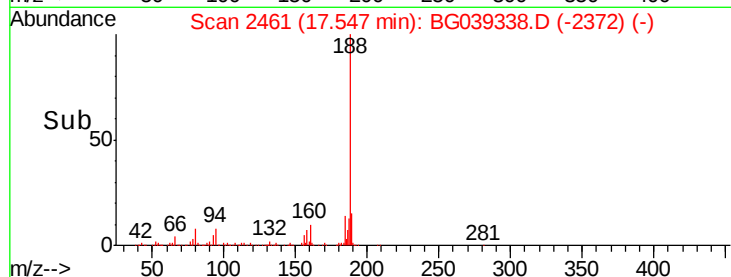
0

17.55

17.50

17.60

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.84 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039338.D

Acq: 30 Jan 2019 21:51

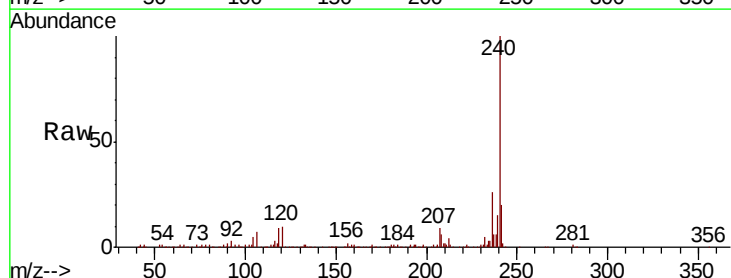
Tgt Ion:240 Resp: 310012

Ion Ratio Lower Upper

240 100

120 10.3 7.0 10.6

236 25.7 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

200000

150000

100000

50000

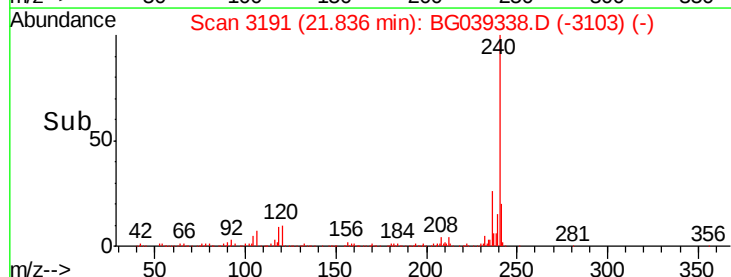
0

21.84

21.80

21.90

Time-->





#79

Terphenyl-d14

Concen: 80.352 ng

RT: 20.14 min Scan# 2903

Delta R.T. -0.01 min

Lab File: BG039338.D

Acq: 30 Jan 2019 21:51

Instrument :

BNA_G

ClientSampleId :

TP-1

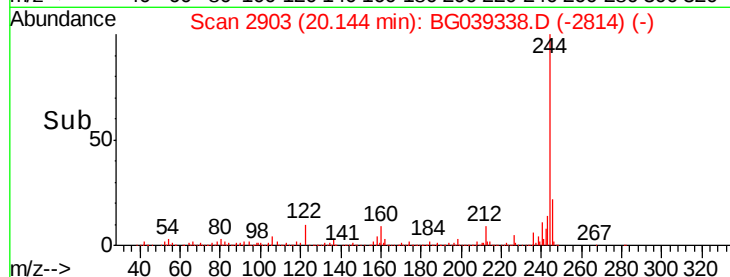
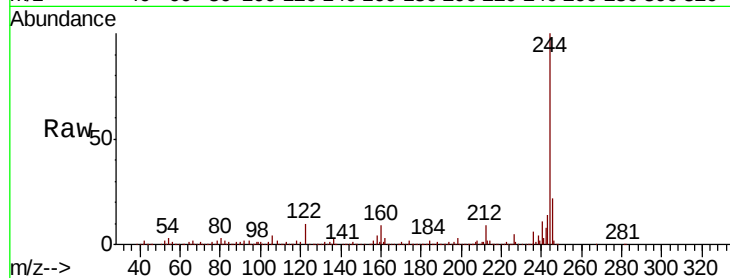
Tot Ion:244 Resp: 1176841

Ion Ratio Lower Upper

244 100

212 9.1 7.3 10.9

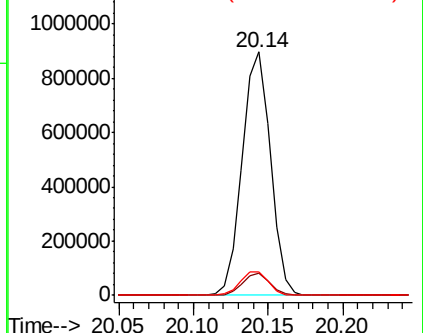
122 9.7 8.4 12.6



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: 25.23 min Scan# 3768

Delta R.T. -0.02 min

Lab File: BG039338.D

Acq: 30 Jan 2019 21:51

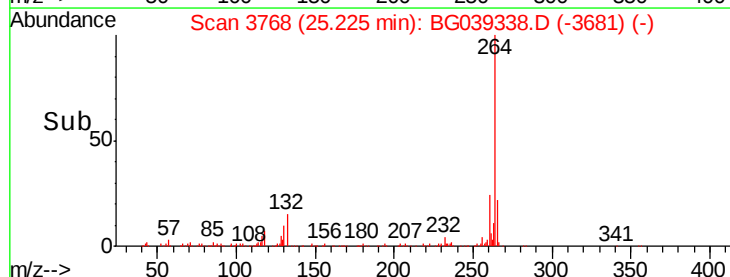
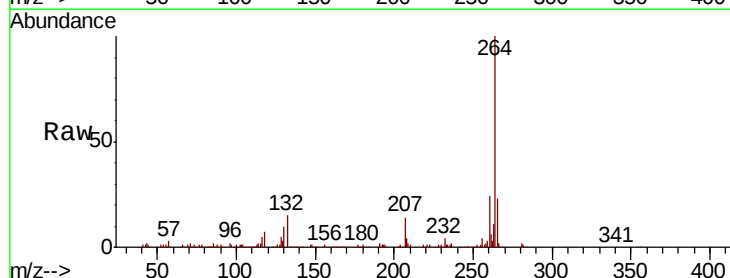
Tgt Ion:264 Resp: 304861

Ion Ratio Lower Upper

264 100

260 24.3 18.2 27.4

265 22.6 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

