

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020719\
 Data File : BG039388.D
 Acq On : 7 Feb 2019 18:59
 Operator : JU/SJ
 Sample : K1392-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Quant Time: Feb 08 23:58:14 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

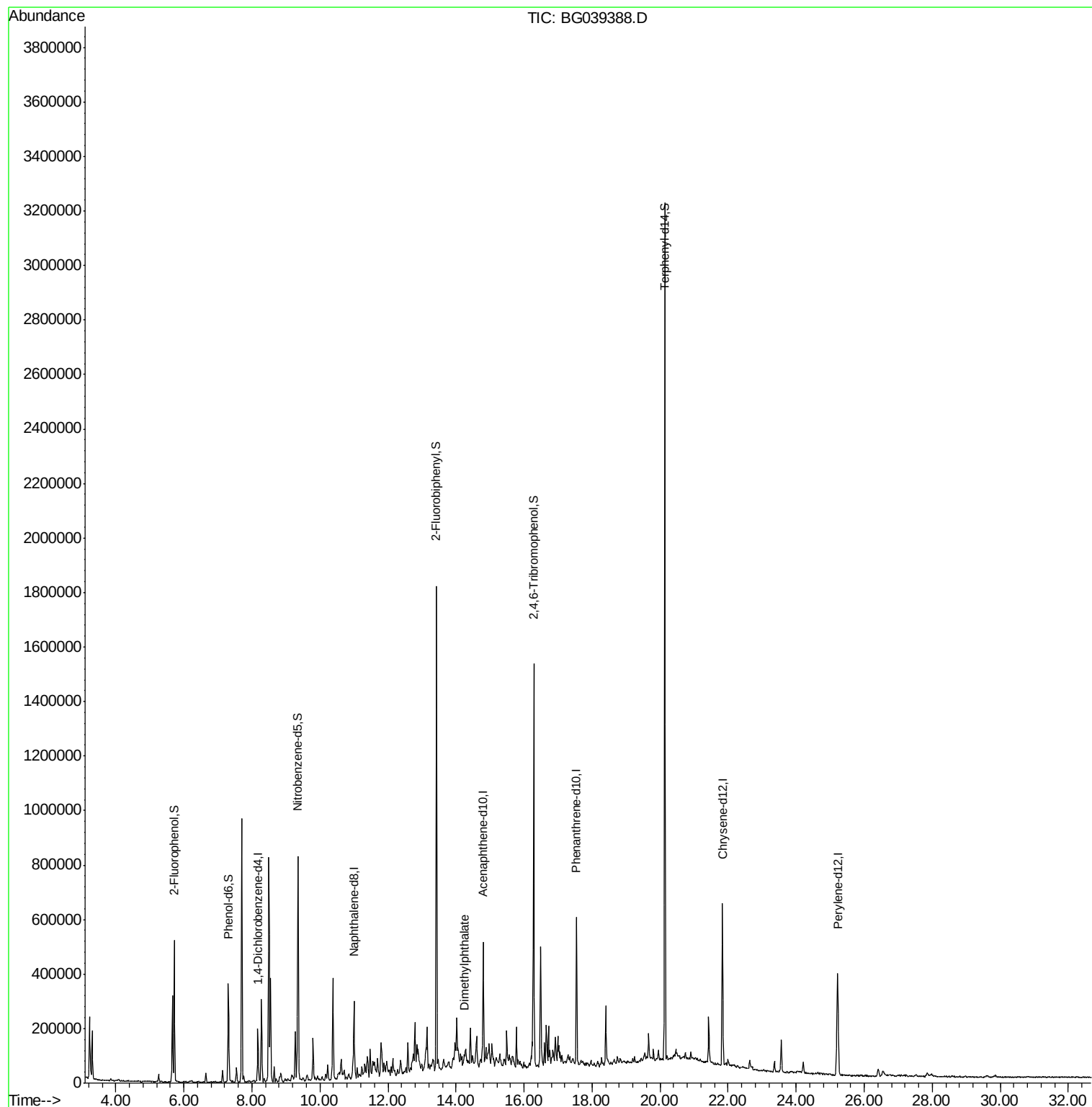
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	53550	20.00	ng	0.00
21) Naphthalene-d8	11.00	136	224554	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	150271	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	332242	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	369033	20.00	ng	-0.01
87) Perylene-d12	25.22	264	384163	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	222099	70.98	ng	0.00
7) Phenol-d6	7.31	99	200138	43.46	ng	-0.01
23) Nitrobenzene-d5	9.35	82	416567	115.89	ng	-0.01
42) 2,4,6-Tribromophenol	16.28	330	253744	156.81	ng	0.00
45) 2-Fluorobiphenyl	13.43	172	952545	90.93	ng	0.00
79) Terphenyl-d14	20.14	244	1450212	83.18	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.25	163	26827	2.210	ng	Qvalue # 91

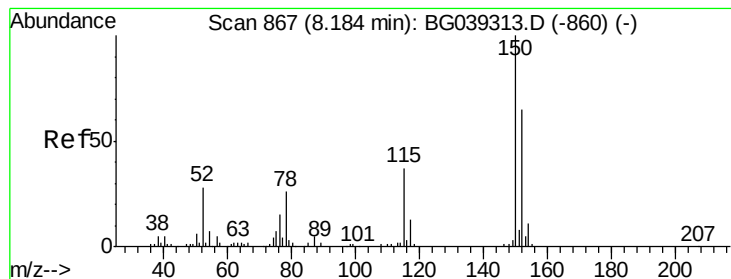
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

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TW-1

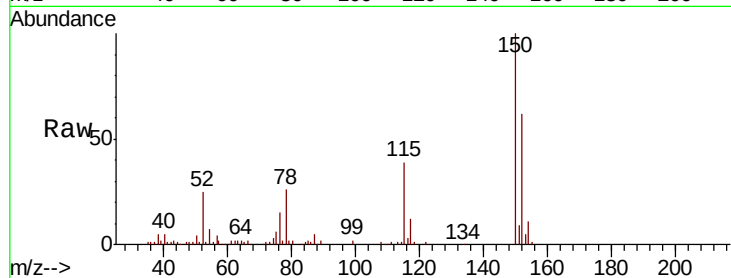
Tot Ion:152 Resp: 53550

Ion Ratio Lower Upper

152 100

150 160.7 123.7 185.5

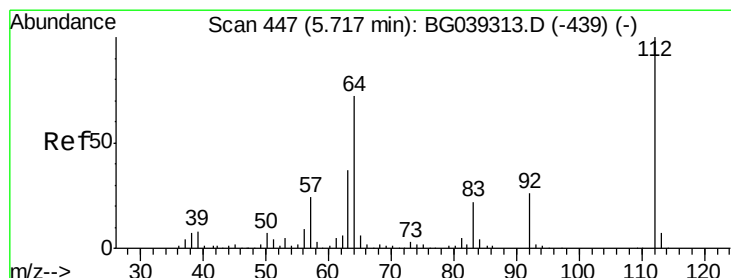
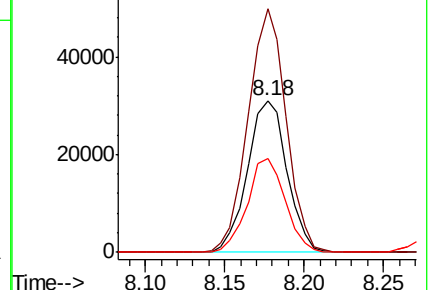
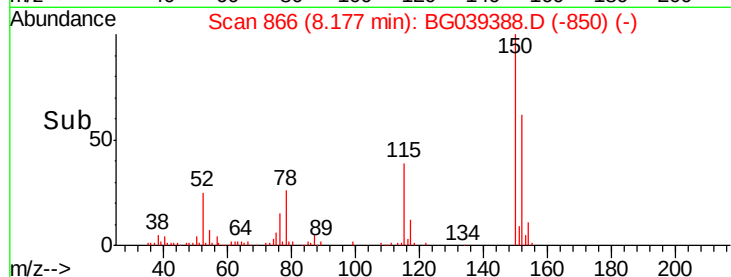
115 62.0 45.9 68.9



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: 70.985 ng

RT: 5.72 min Scan# 447

Delta R.T. -0.00 min

Lab File: BG039388.D

Acq: 7 Feb 2019 18:59

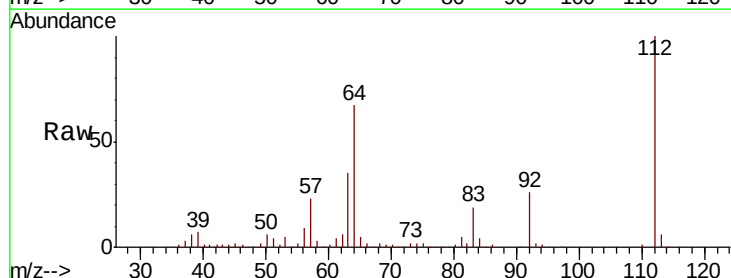
Tgt Ion:112 Resp: 222099

Ion Ratio Lower Upper

112 100

64 66.9 57.8 86.8

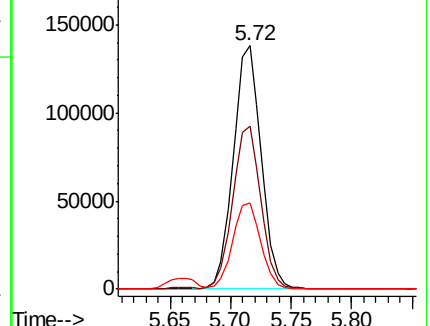
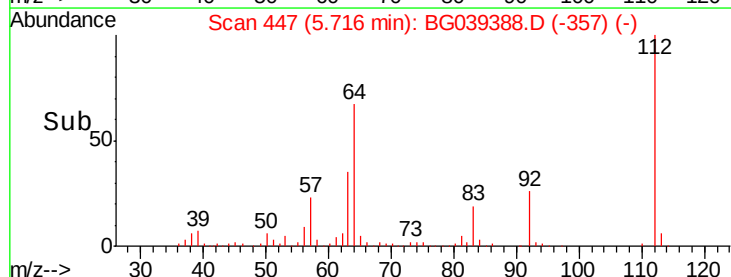
63 35.2 29.8 44.6

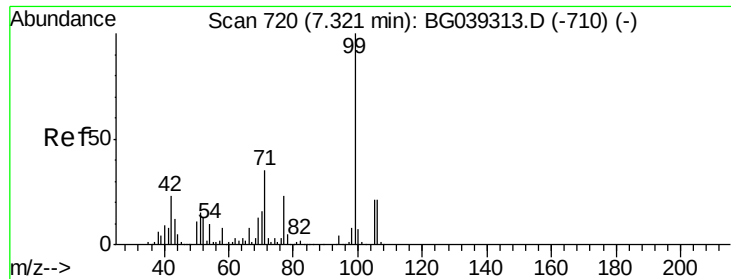


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 43.456 ng

RT: 7.31 min Scan# 718

Delta R.T. -0.01 min

Lab File: BG039388.D

Acq: 7 Feb 2019 18:59

Instrument :

BNA_G

ClientSampleId :

TW-1

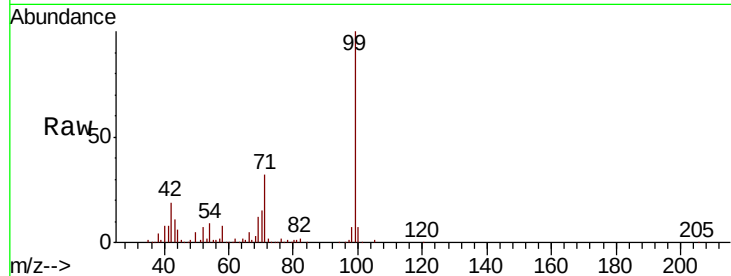
Tot Ion: 99 Resp: 200138

Ion Ratio Lower Upper

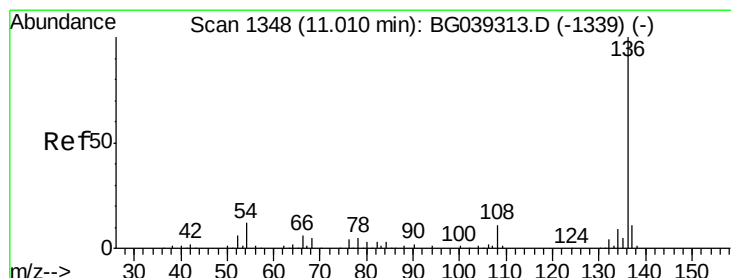
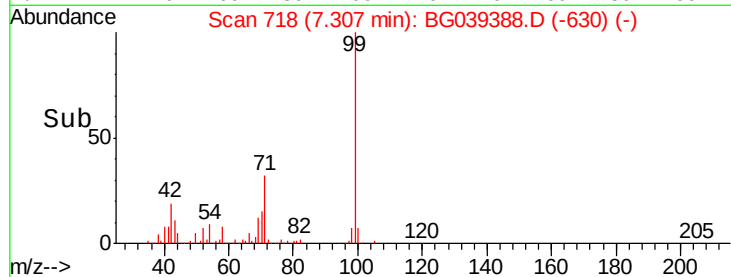
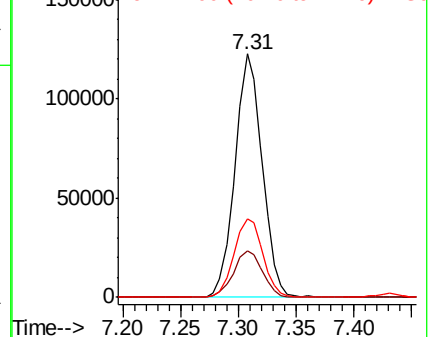
99 100

42 19.3 18.2 27.2

71 32.5 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: BG039388.D

Acq: 7 Feb 2019 18:59

Tgt Ion: 136 Resp: 224554

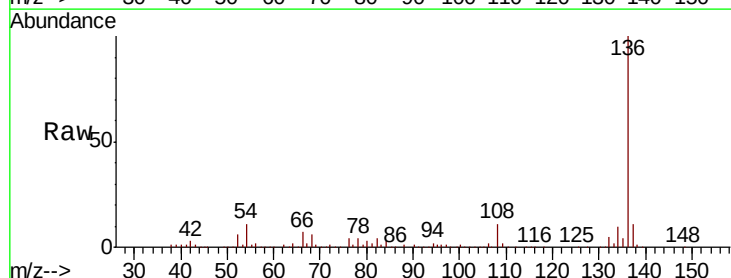
Ion Ratio Lower Upper

136 100

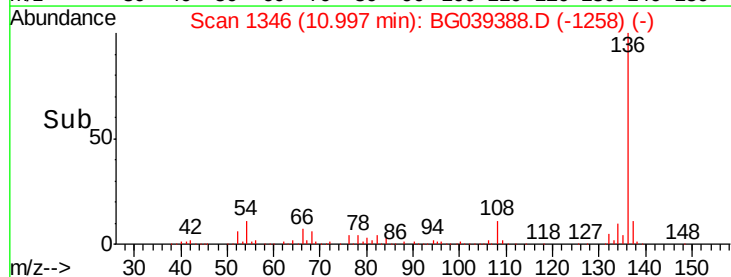
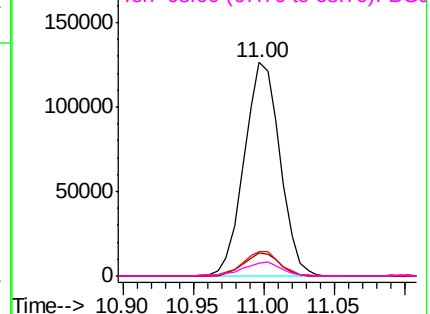
137 10.9 9.1 13.7

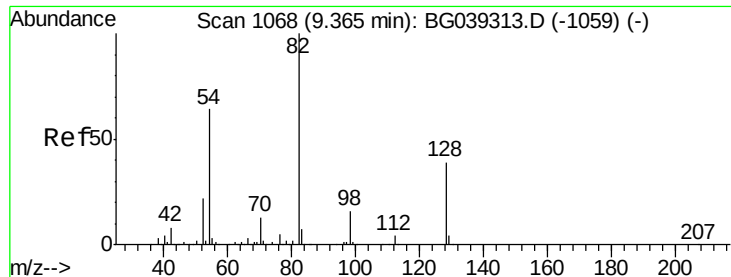
54 11.2 9.4 14.2

68 6.2 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

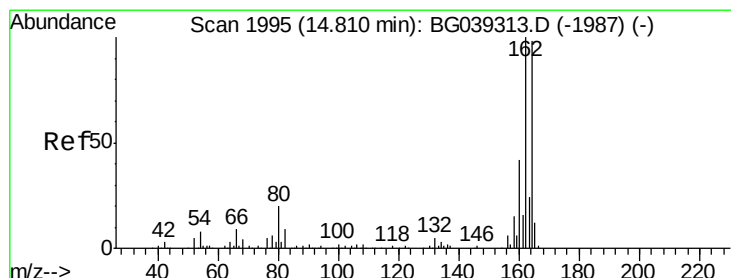
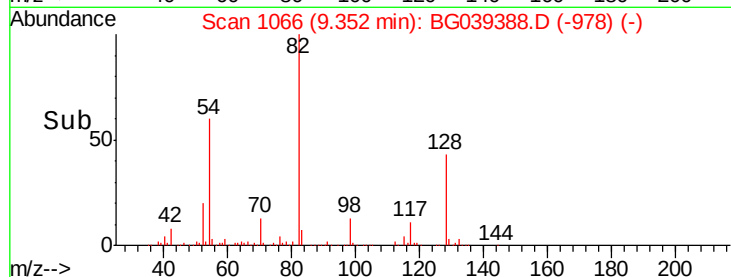
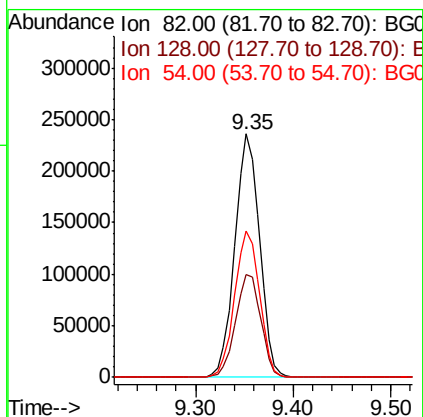
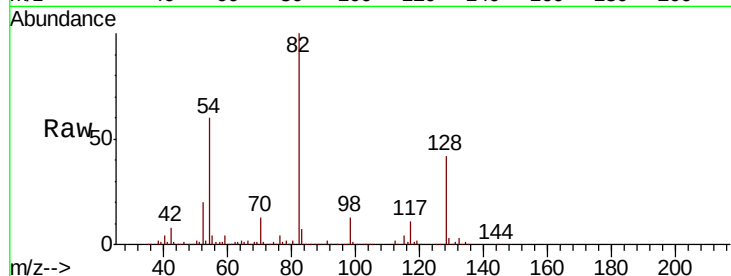




#23
Nitrobenzene-d5
Concen: 115.890 ng
RT: 9.35 min Scan# 1066
Delta R.T. -0.01 min
Lab File: BG039388.D
Acq: 7 Feb 2019 18:59

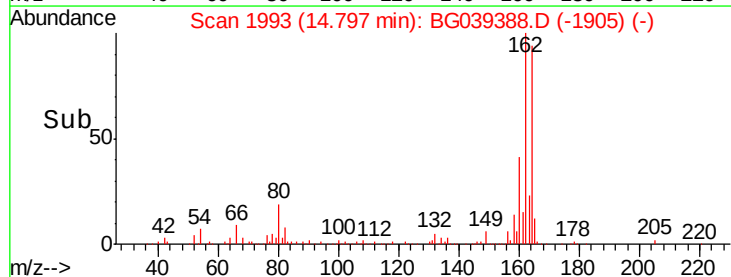
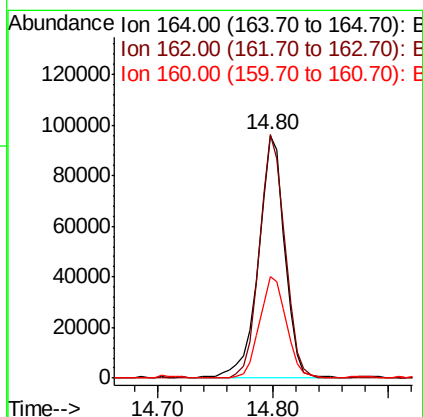
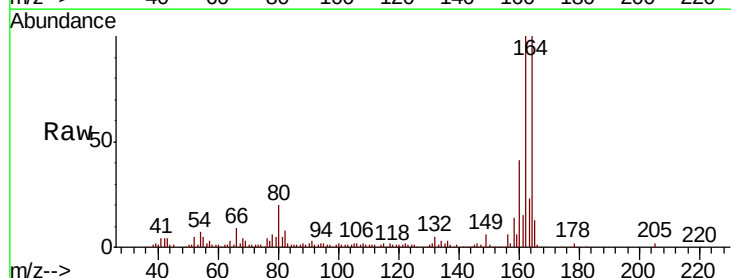
Instrument :
BNA_G
ClientSampleId :
TW-1

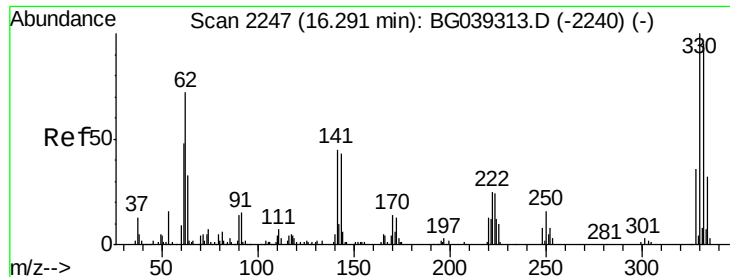
Tot Ion	82	Resp	416567
Ion Ratio	100	Lower	Upper
128	42.5	31.3	46.9
54	60.2	50.9	76.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.80 min Scan# 1993
Delta R.T. -0.01 min
Lab File: BG039388.D
Acq: 7 Feb 2019 18:59

Tgt Ion	164	Resp	150271
Ion Ratio	100	Lower	Upper
162	100.3	81.6	122.4
160	41.6	34.2	51.2





#42

2,4,6-Tribromophenol

Concen: 156.810 ng

RT: 16.28 min Scan# 2246

Delta R.T. -0.01 min

Lab File: BG039388.D

Acq: 7 Feb 2019 18:59

Instrument :

BNA_G

ClientSampled :

TW-1

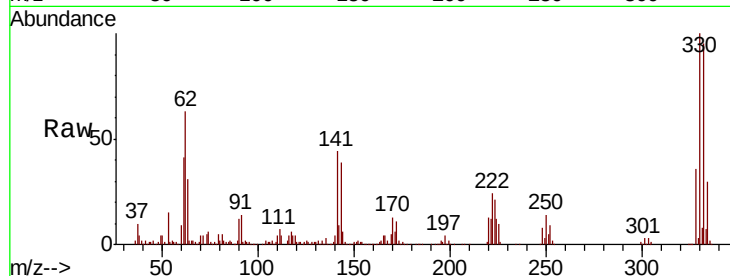
Tot Ion:330 Resp: 253744

Ion Ratio Lower Upper

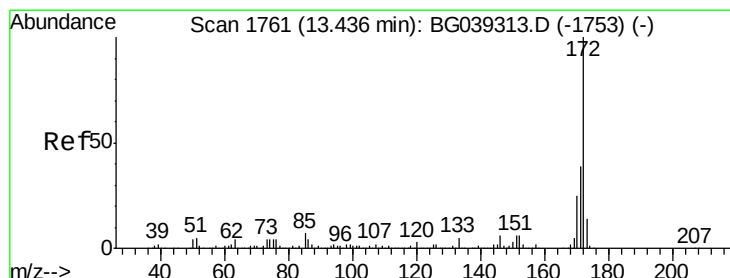
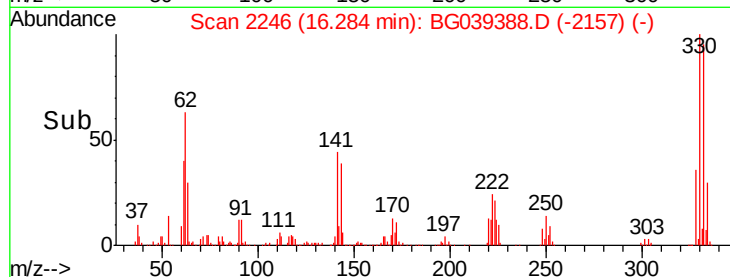
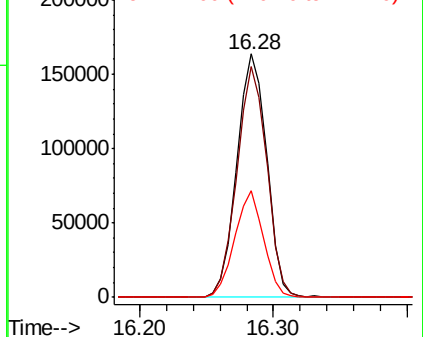
330 100

332 95.0 75.7 113.5

141 42.5 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: 90.934 ng

RT: 13.43 min Scan# 1760

Delta R.T. -0.01 min

Lab File: BG039388.D

Acq: 7 Feb 2019 18:59

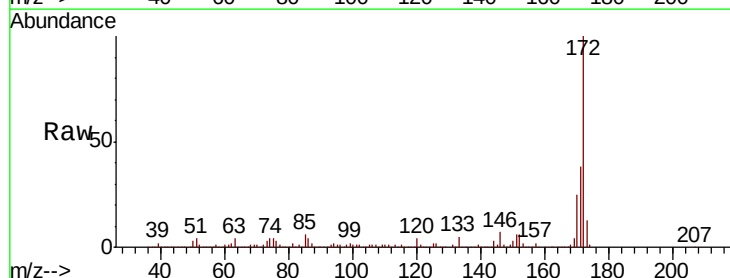
Tgt Ion:172 Resp: 952545

Ion Ratio Lower Upper

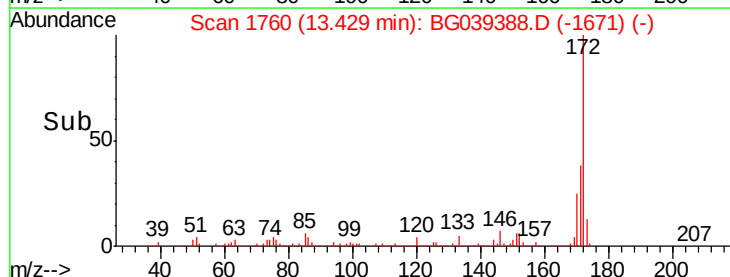
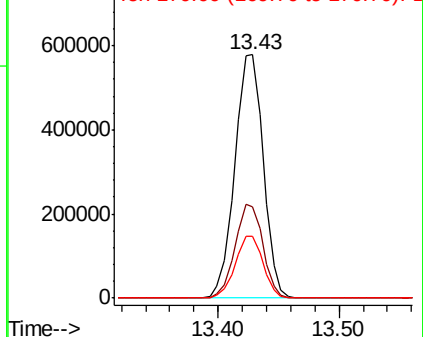
172 100

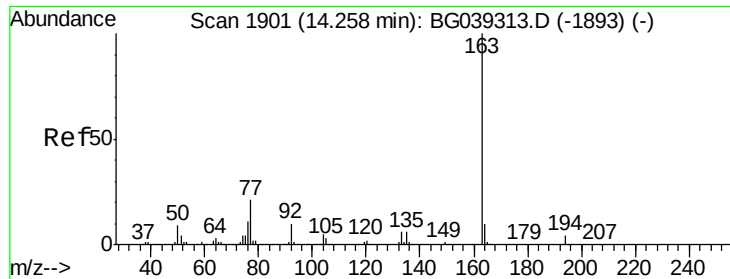
171 37.7 30.8 46.2

170 25.3 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





#50

Dimethylphthalate

Concen: 2.210 ng

RT: 14.25 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BG039388.D

Acq: 7 Feb 2019 18:59

Instrument :

BNA_G

ClientSampleId :

TW-1

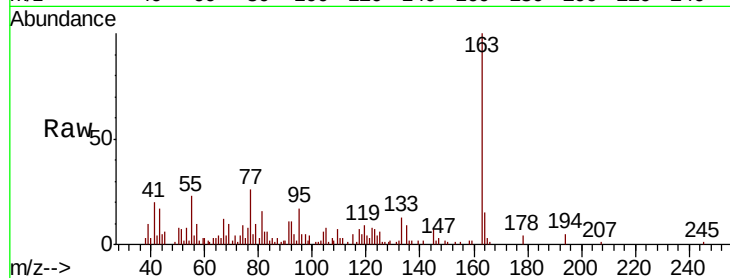
Tot Ion:163 Resp: 26827

Ion Ratio Lower Upper

163 100

194 4.7 3.6 5.4

164 15.1 8.4 12.6#

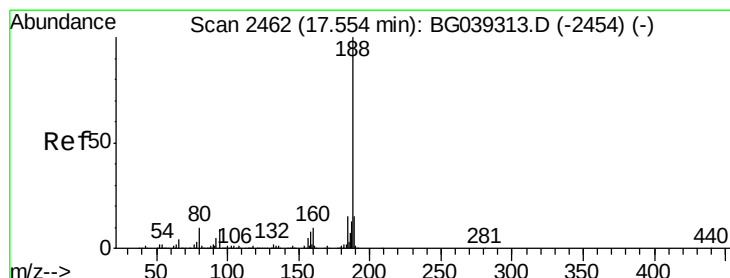
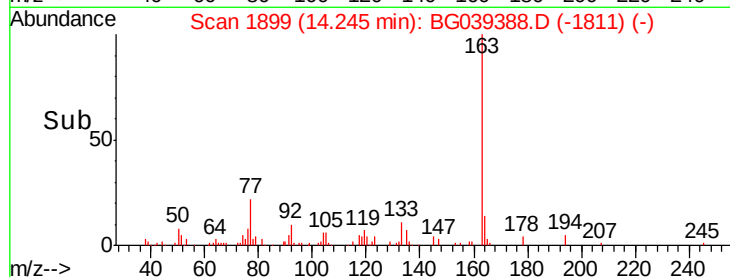
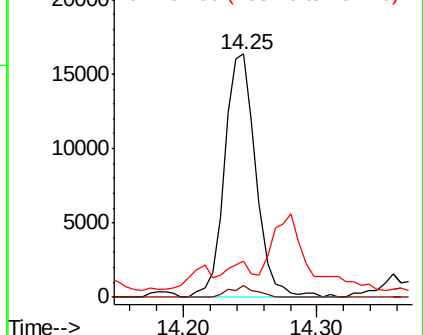


Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.54 min Scan# 2460

Delta R.T. -0.01 min

Lab File: BG039388.D

Acq: 7 Feb 2019 18:59

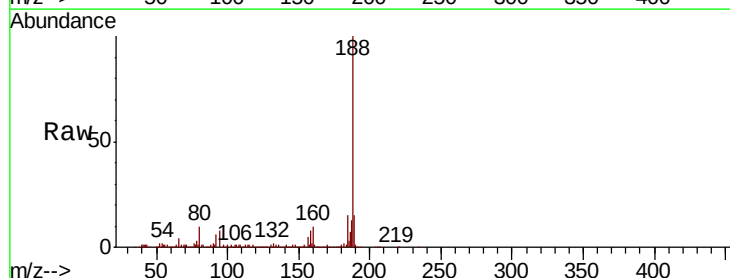
Tgt Ion:188 Resp: 332242

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

80 9.6 8.1 12.1

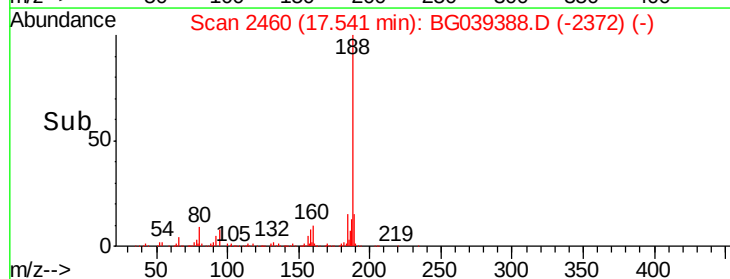
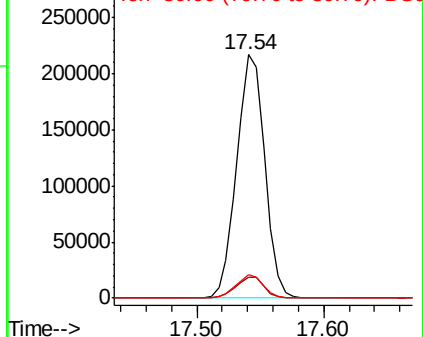


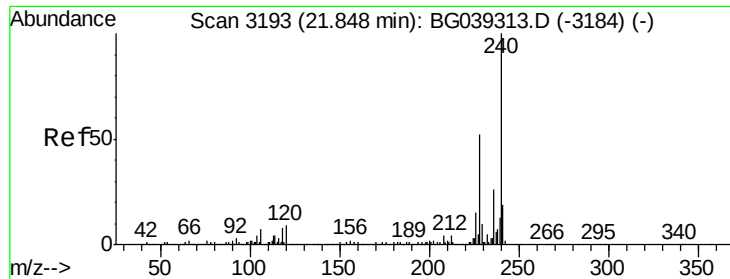
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.83 min Scan# 3191

Delta R.T. -0.01 min

Lab File: BG039388.D

Acq: 7 Feb 2019 18:59

Instrument :

BNA_G

ClientSampleId :

TW-1

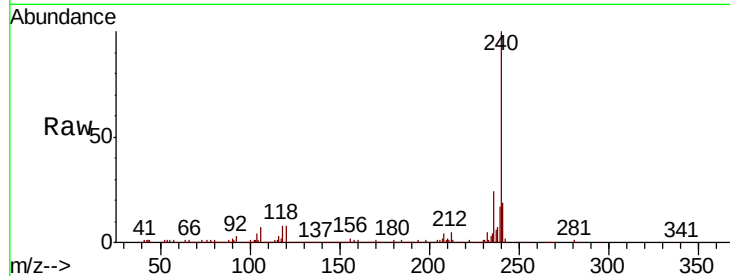
Tot Ion:240 Resp: 369033

Ion Ratio Lower Upper

240 100

120 8.2 7.0 10.6

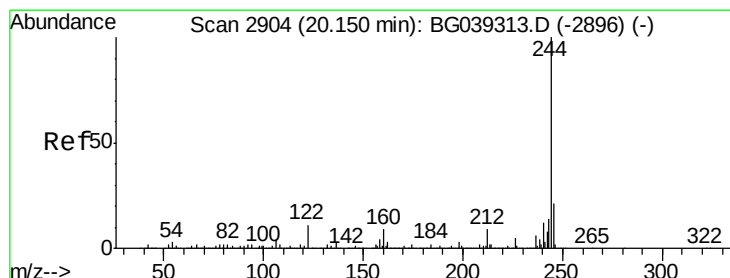
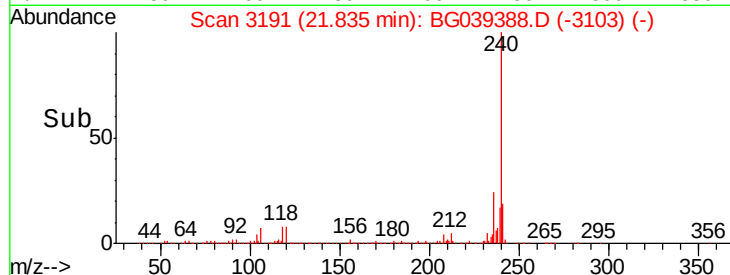
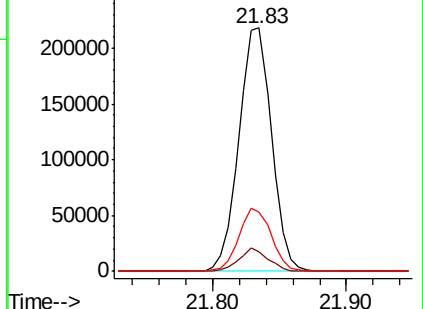
236 24.2 21.0 31.4



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: 83.181 ng

RT: 20.14 min Scan# 2902

Delta R.T. -0.01 min

Lab File: BG039388.D

Acq: 7 Feb 2019 18:59

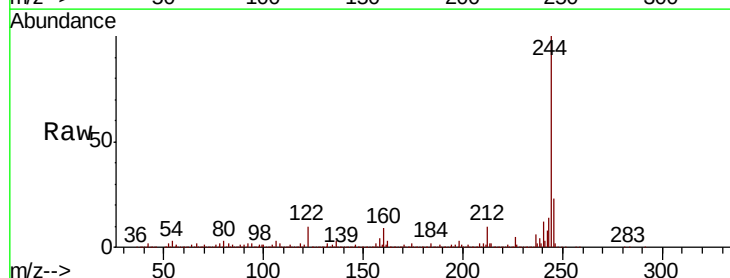
Tgt Ion:244 Resp: 1450212

Ion Ratio Lower Upper

244 100

212 9.7 7.3 10.9

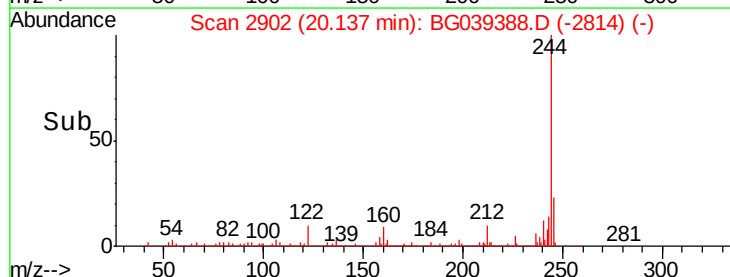
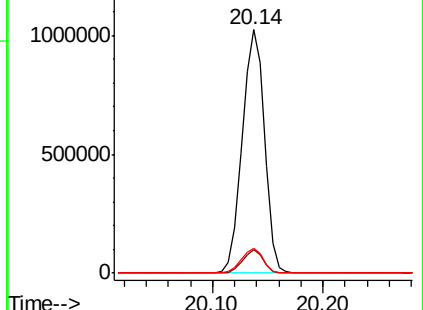
122 10.0 8.4 12.6

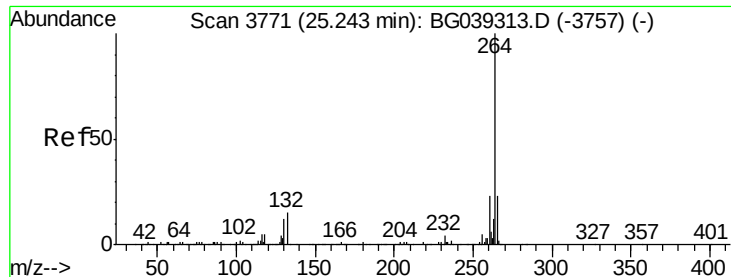


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.22 min Scan# 3767
 Delta R.T. -0.02 min
 Lab File: BG039388.D
 Acq: 7 Feb 2019 18:59

Instrument :
 BNA_G
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Tot Ion:	264	Resp:	384163
Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.2	27.4
265	21.5	18.5	27.7

