

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060619\
 Data File : BG041083.D
 Acq On : 6 Jun 2019 9:52
 Operator : HP/JU
 Sample : PB120328BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120328BL

Quant Time: Jun 06 23:25:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	41676	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	157280	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	104521	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	273488	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	313005	20.00	ng	-0.02
87) Perylene-d12	25.09	264	329666	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	278737	120.60	ng	0.00
7) Phenol-d6	7.26	99	386604	108.31	ng	-0.01
23) Nitrobenzene-d5	9.29	82	266780	75.30	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	186794	120.38	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	602944	83.07	ng	-0.02
79) Terphenyl-d14	20.08	244	1151397	78.07	ng	-0.02

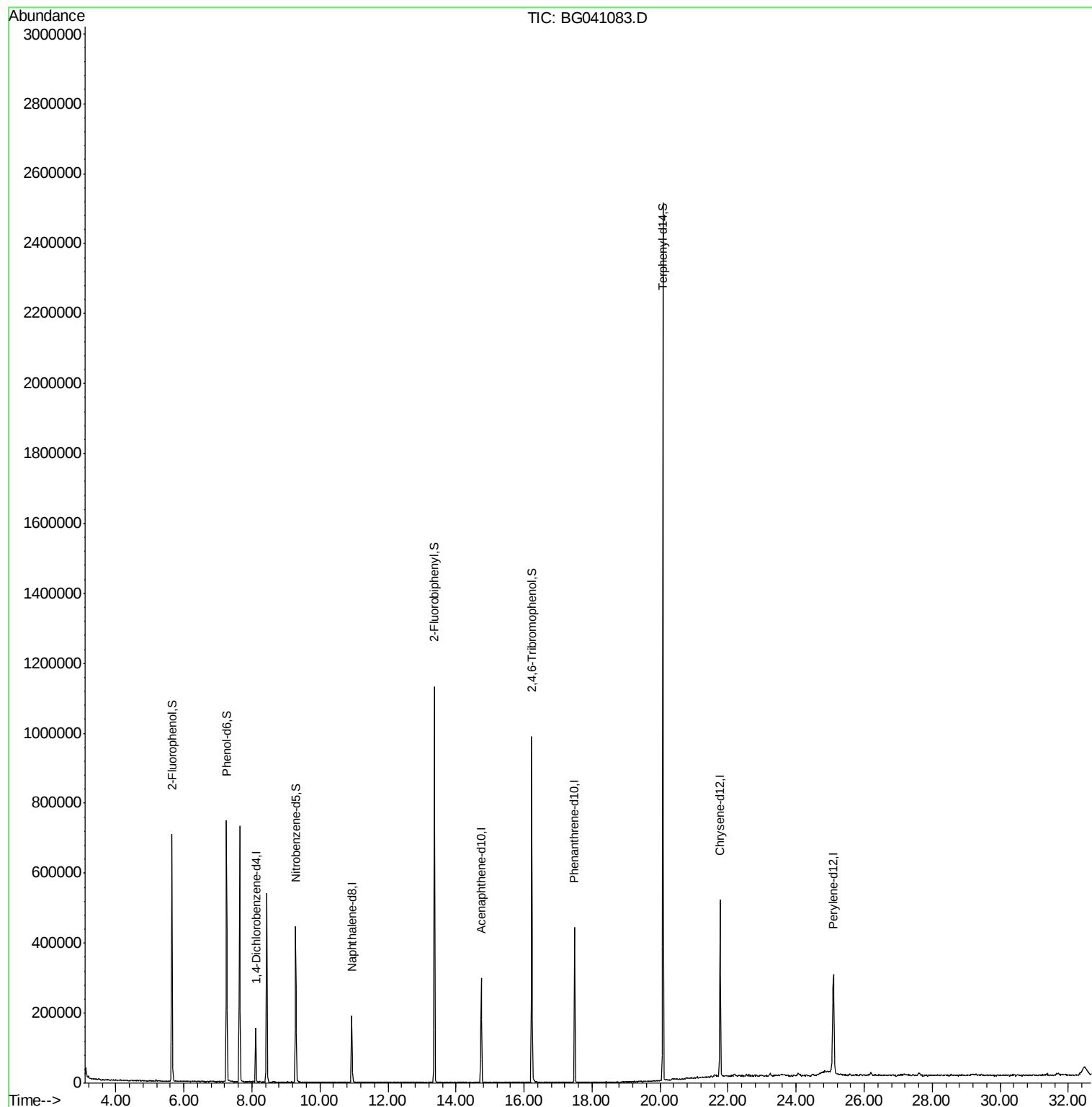
Target Compounds Qvalue

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

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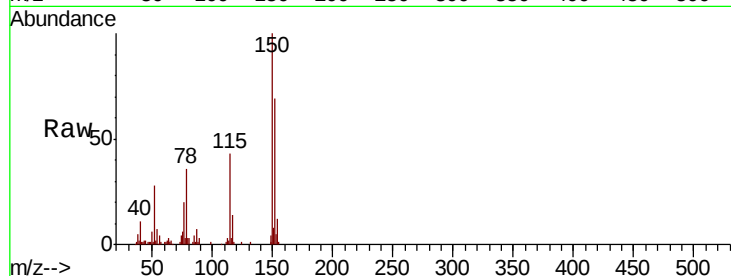


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. -0.02 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Instrument :
BNA_G
ClientSampleId :
PB120328BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.5	120.6	180.8
115	62.0	45.1	67.7

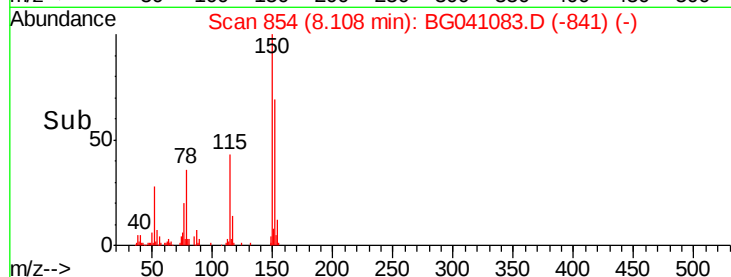
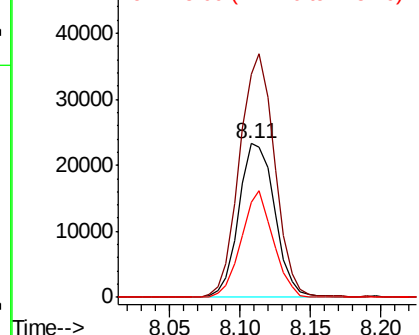


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

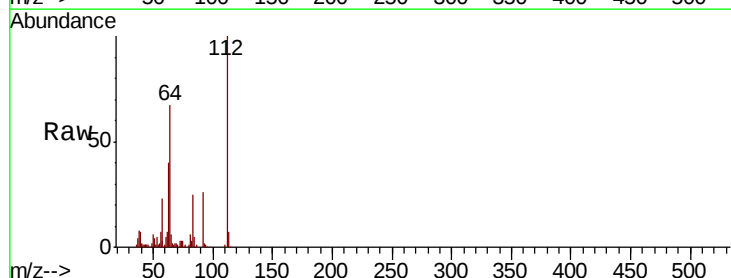
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 120.602 ng
RT: 5.65 min Scan# 436
Delta R.T. -0.01 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	56.2	84.2
63	40.0	32.8	49.2

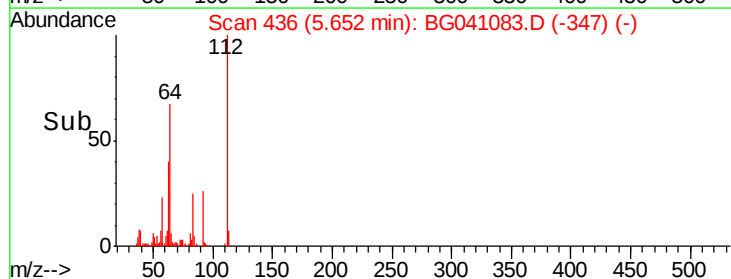
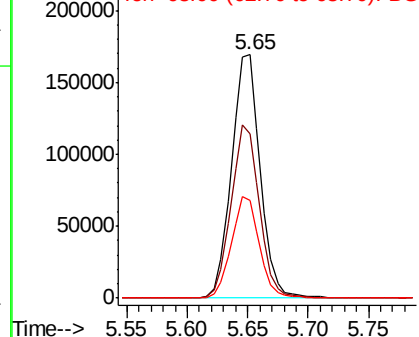


Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 108.310 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041083.D

Acq: 6 Jun 2019 9:52

Instrument :

BNA_G

ClientSampleId :

PB120328BL

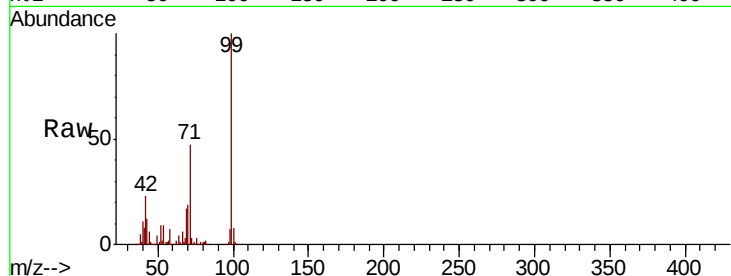
Tot Ion: 99 Resp: 386604

Ion Ratio Lower Upper

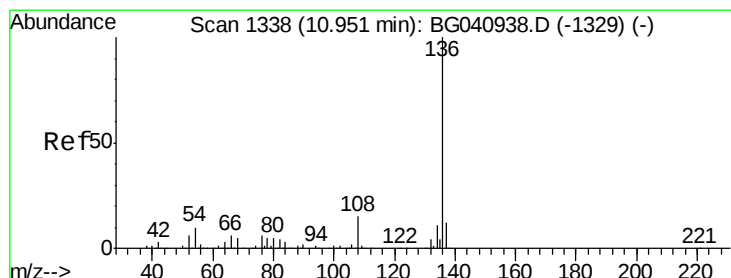
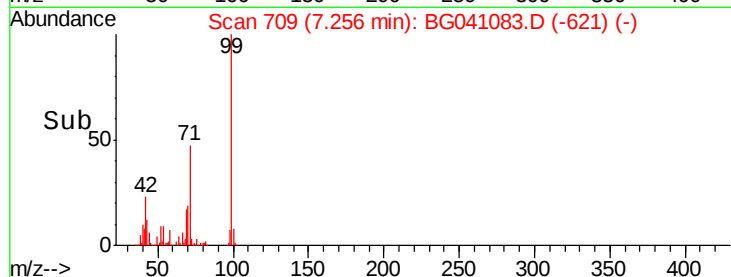
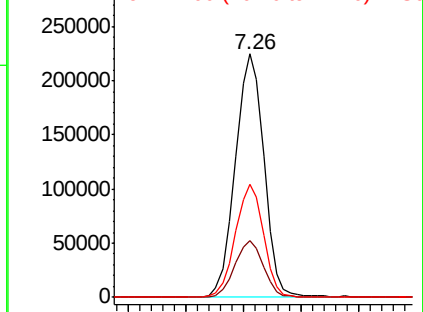
99 100

42 23.4 17.9 26.9

71 46.6 35.4 53.0



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: 10.93 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BG041083.D

Acq: 6 Jun 2019 9:52

Tgt Ion: 136 Resp: 157280

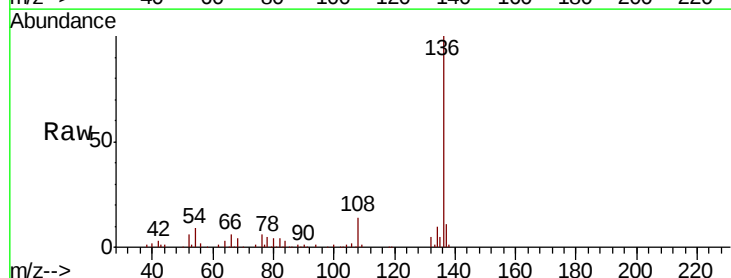
Ion Ratio Lower Upper

136 100

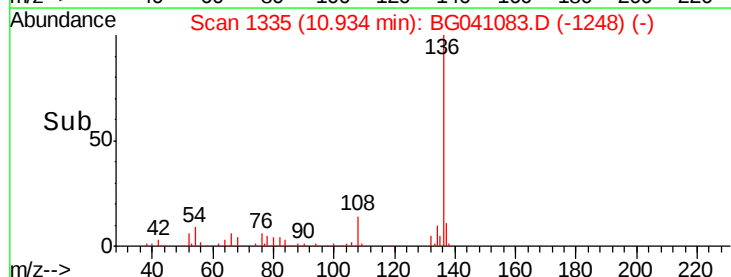
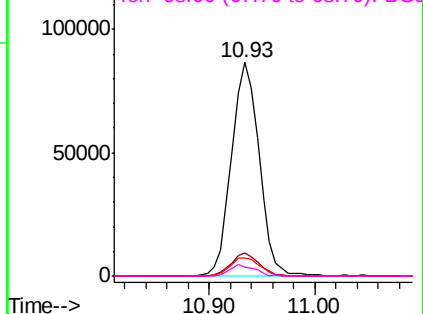
137 11.0 9.5 14.3

54 8.5 7.6 11.4

68 4.2 3.9 5.9



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

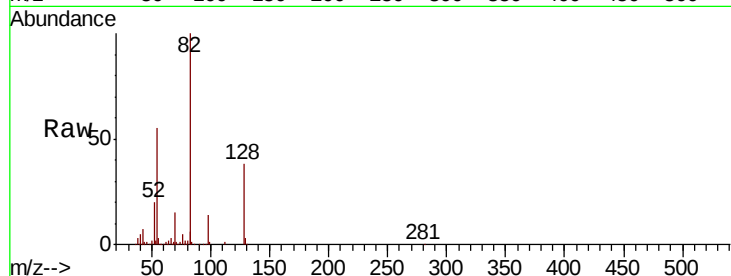




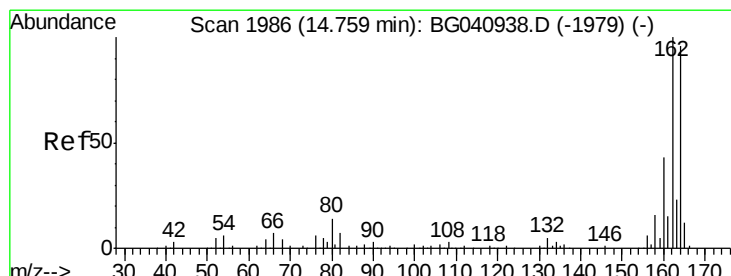
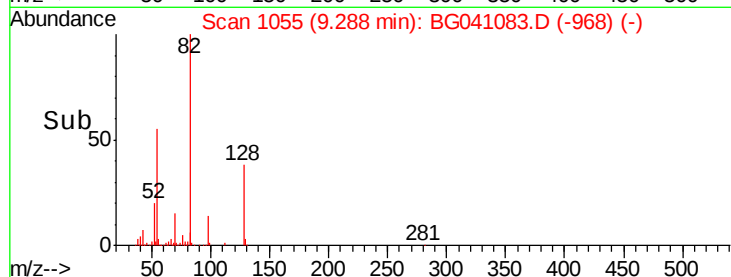
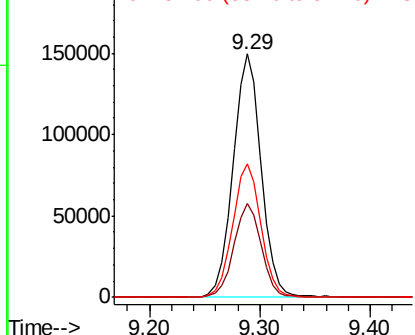
#23
Nitrobenzene-d5
Concen: 75.301 ng
RT: 9.29 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Instrument :
BNA_G
ClientSampleId :
PB120328BL

Tot Ion	82	Resp	266780
Ion Ratio	Lower	Upper	
82	100		
128	38.4	30.5	45.7
54	54.7	44.6	66.8

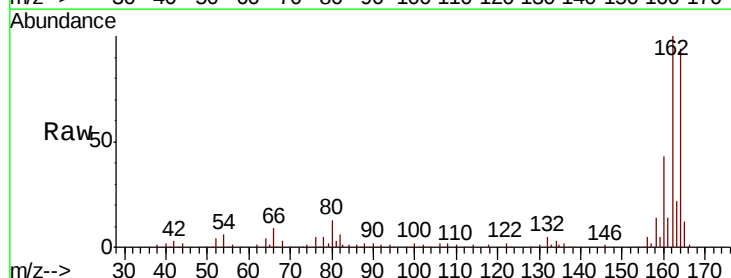


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

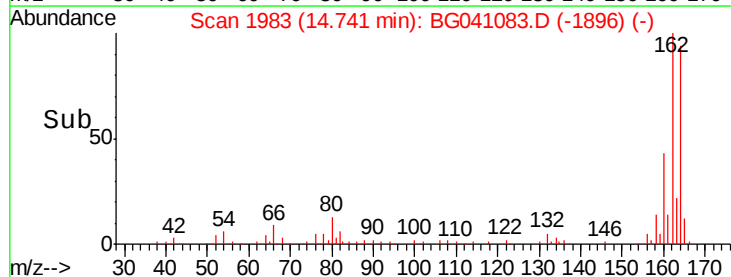
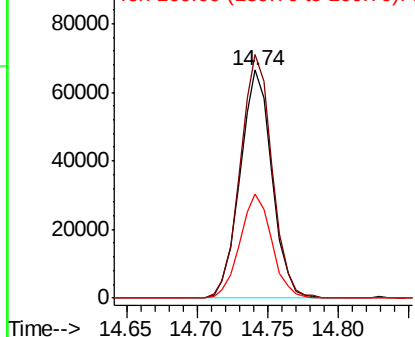


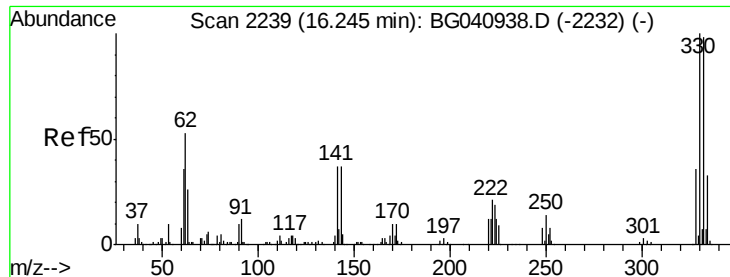
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1983
Delta R.T. -0.02 min
Lab File: BG041083.D
Acq: 6 Jun 2019 9:52

Tgt Ion	164	Resp	104521
Ion Ratio	Lower	Upper	
164	100		
162	106.8	83.0	124.4
160	45.7	35.6	53.4



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#42

2,4,6-Tribromophenol

Concen: 120.381 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BG041083.D

Acq: 6 Jun 2019 9:52

Instrument :

BNA_G

ClientSampleId :

PB120328BL

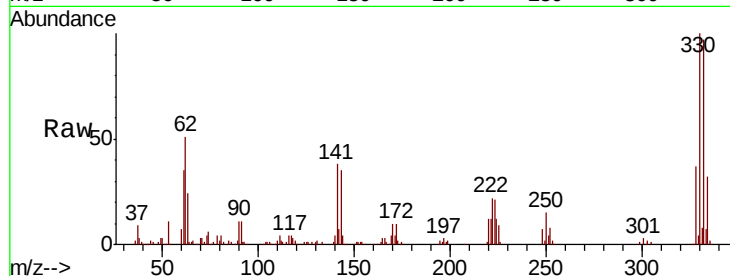
Tot Ion:330 Resp: 186794

Ion Ratio Lower Upper

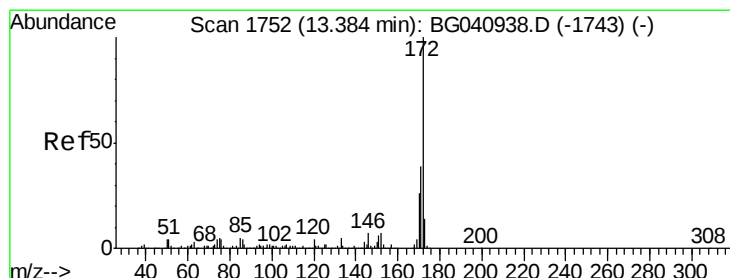
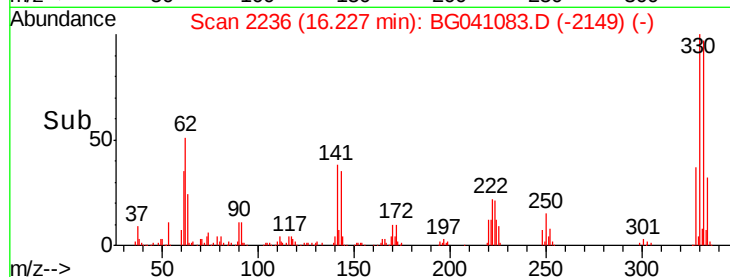
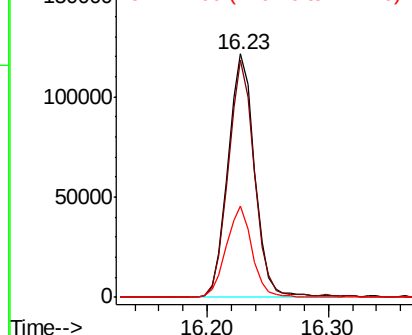
330 100

332 96.7 78.5 117.7

141 36.2 28.7 43.1



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: 83.075 ng

RT: 13.37 min Scan# 1749

Delta R.T. -0.02 min

Lab File: BG041083.D

Acq: 6 Jun 2019 9:52

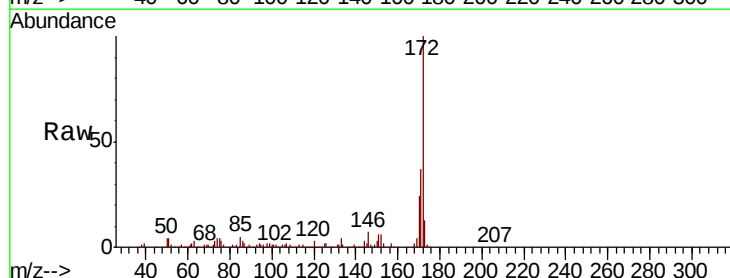
Tgt Ion:172 Resp: 602944

Ion Ratio Lower Upper

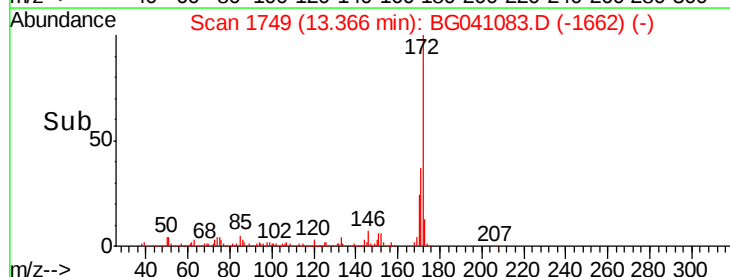
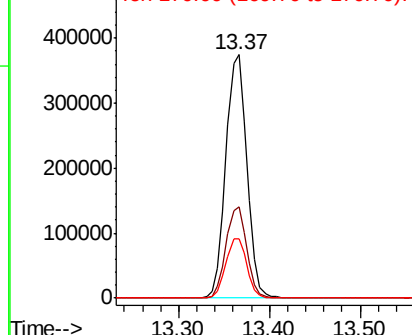
172 100

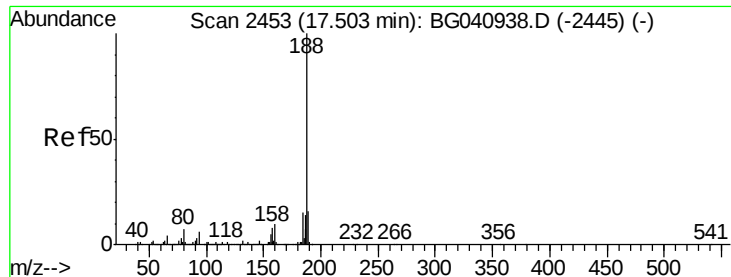
171 37.3 31.1 46.7

170 24.4 20.5 30.7



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: 17.48 min Scan# 2450

Delta R.T. -0.02 min

Lab File: BG041083.D

Acq: 6 Jun 2019 9:52

Instrument :

BNA_G

ClientSampleId :

PB120328BL

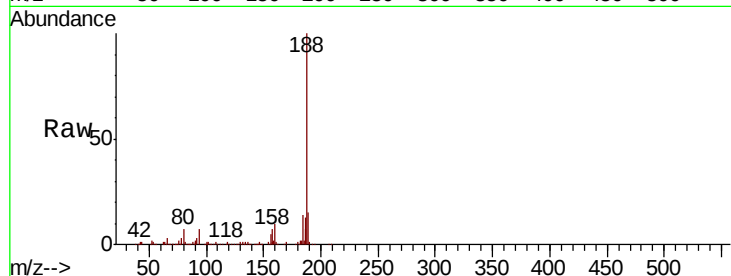
Tot Ion:188 Resp: 273488

Ion Ratio Lower Upper

188 100

94 6.5 4.7 7.1

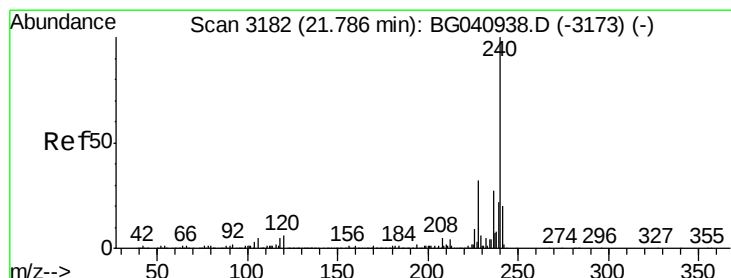
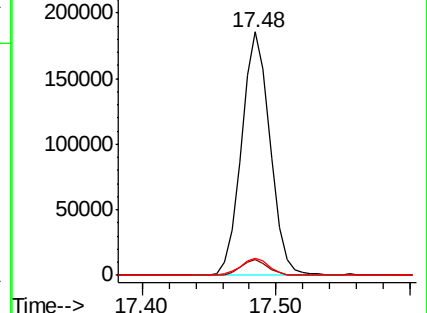
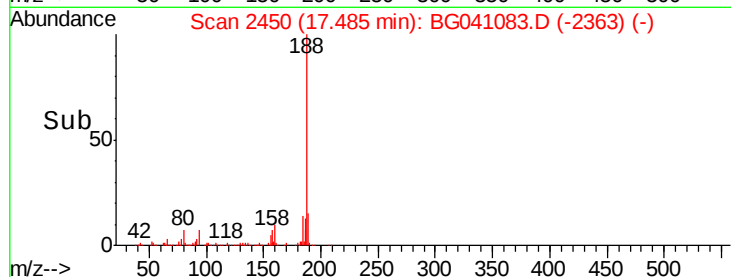
80 7.2 5.8 8.8



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: 21.76 min Scan# 3178

Delta R.T. -0.02 min

Lab File: BG041083.D

Acq: 6 Jun 2019 9:52

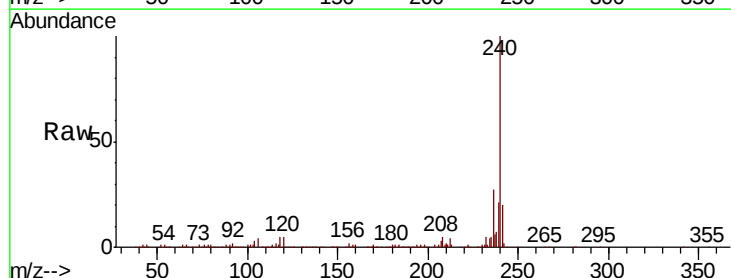
Tgt Ion:240 Resp: 313005

Ion Ratio Lower Upper

240 100

120 5.3 4.5 6.7

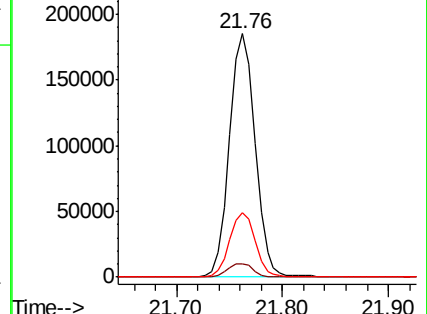
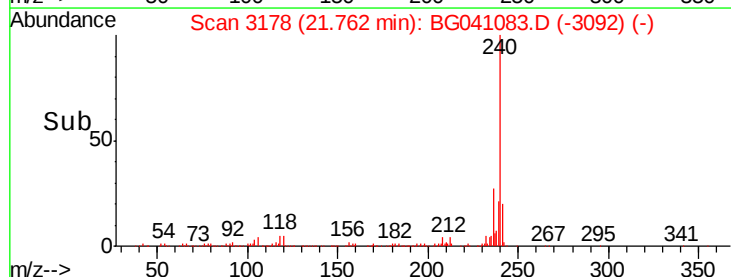
236 26.7 21.3 31.9

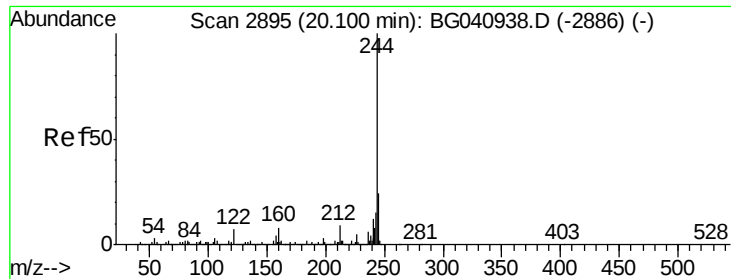


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 78.071 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041083.D

Acq: 6 Jun 2019 9:52

Instrument :

BNA_G

ClientSampleId :

PB120328BL

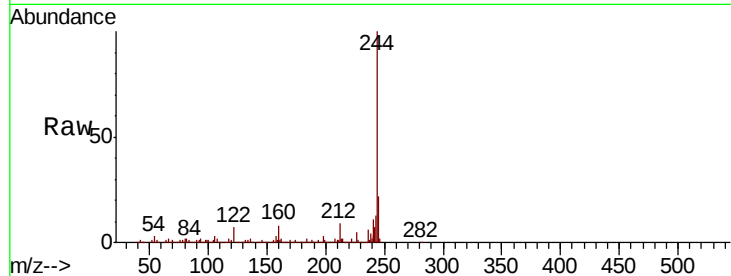
Tot Ion:244 Resp: 1151397

Ion Ratio Lower Upper

244 100

212 8.5 7.0 10.4

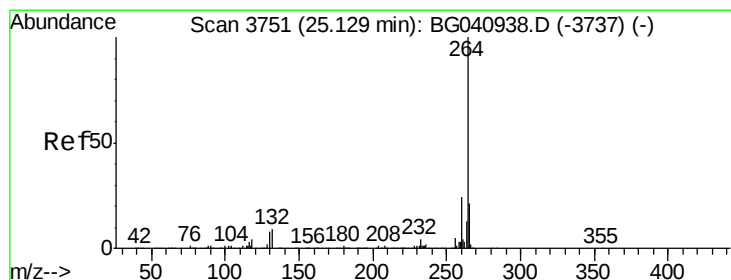
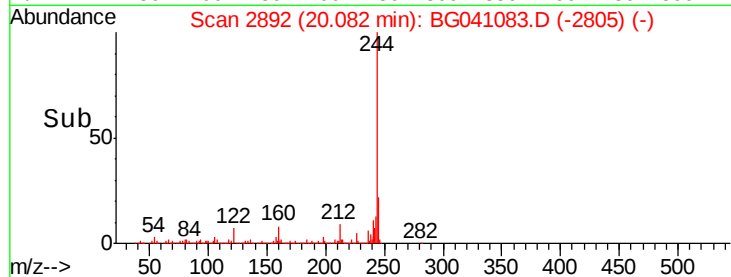
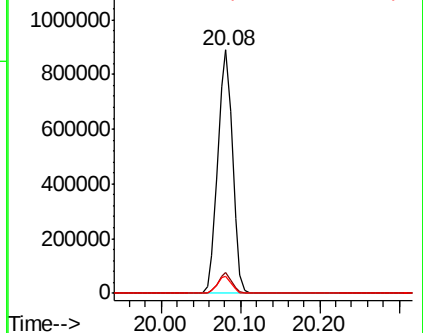
122 6.8 5.4 8.0



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: 25.09 min Scan# 3745

Delta R.T. -0.04 min

Lab File: BG041083.D

Acq: 6 Jun 2019 9:52

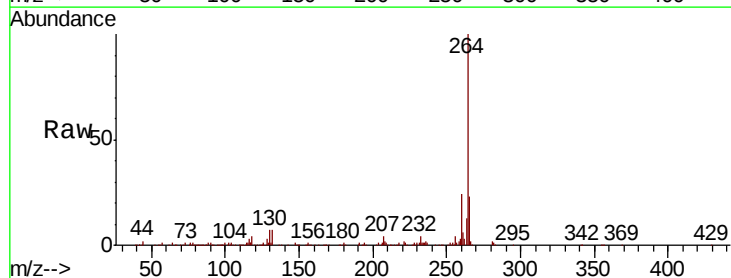
Tgt Ion:264 Resp: 329666

Ion Ratio Lower Upper

264 100

260 24.5 19.0 28.4

265 23.3 17.0 25.4



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

