

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
 Data File : BG041074.D
 Acq On : 5 Jun 2019 16:20
 Operator : HP/JU
 Sample : PB120290BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120290BL

Quant Time: Jun 06 08:32:24 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	42369	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	155360	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	107738	20.00	ng	-0.02
64) Phenanthrene-d10	17.49	188	278177	20.00	ng	-0.02
76) Chrysene-d12	21.76	240	324195	20.00	ng	-0.02
87) Perylene-d12	25.09	264	347269	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	310835	132.29	ng	-0.01
7) Phenol-d6	7.26	99	429795	118.44	ng	-0.01
23) Nitrobenzene-d5	9.29	82	297172	84.92	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	197005	123.17	ng	-0.02
45) 2-Fluorobiphenyl	13.36	172	651336	87.06	ng	-0.02
79) Terphenyl-d14	20.08	244	1285856	84.18	ng	-0.02

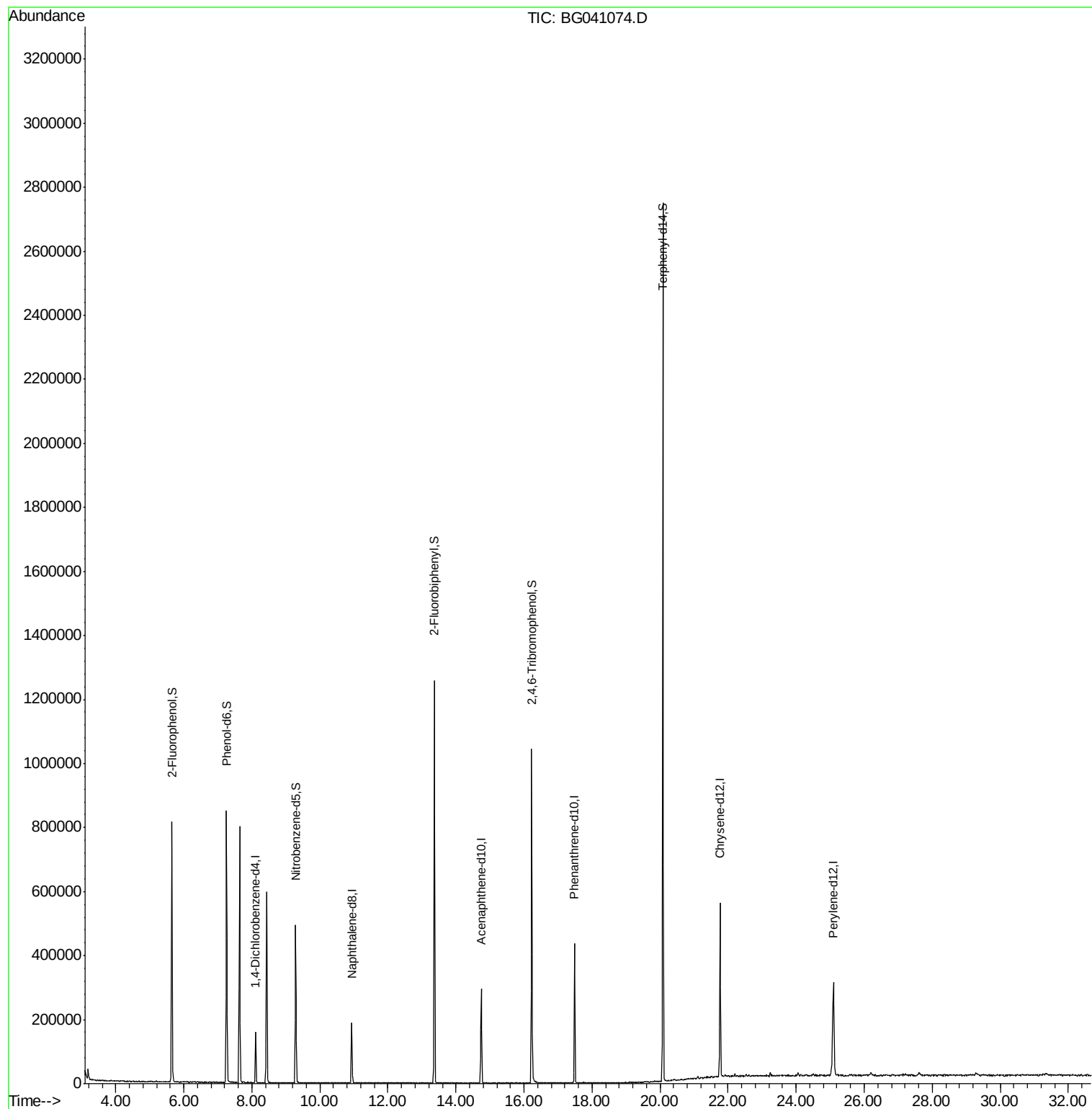
Target Compounds Qvalue

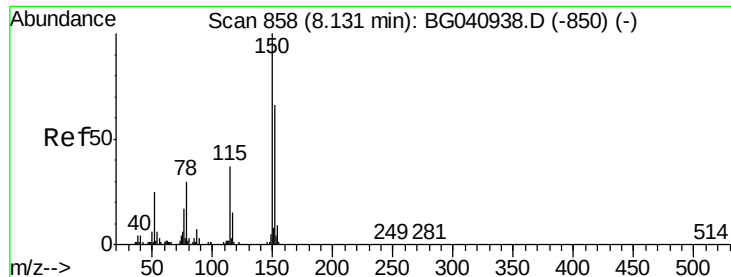
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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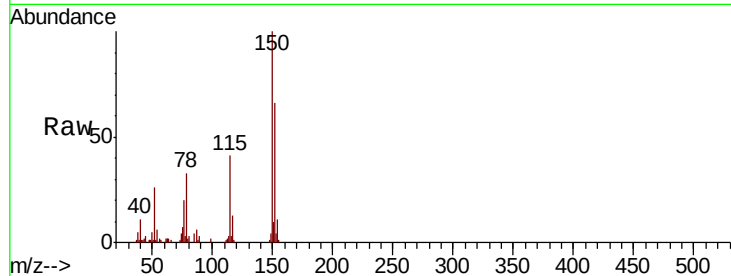


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 855
Delta R.T. -0.02 min
Lab File: BG041074.D
Acq: 5 Jun 2019 16:20

Instrument :
BNA_G
ClientSampleId :
PB120290BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	120.6	180.8
115	61.6	45.1	67.7

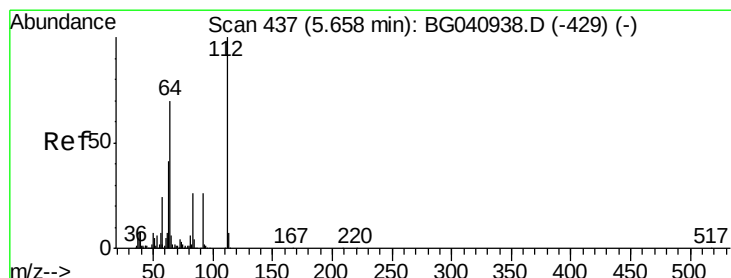
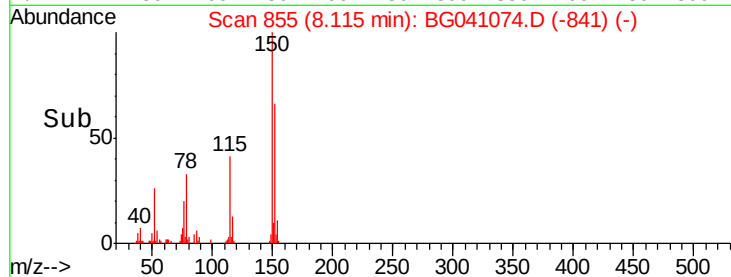
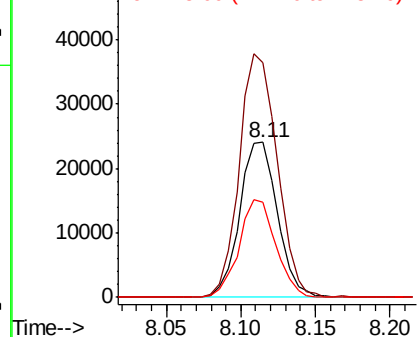


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

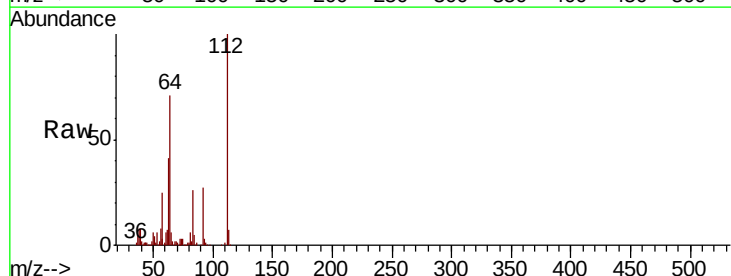
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 132.290 ng
RT: 5.65 min Scan# 435
Delta R.T. -0.01 min
Lab File: BG041074.D
Acq: 5 Jun 2019 16:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	56.2	84.2
63	41.2	32.8	49.2

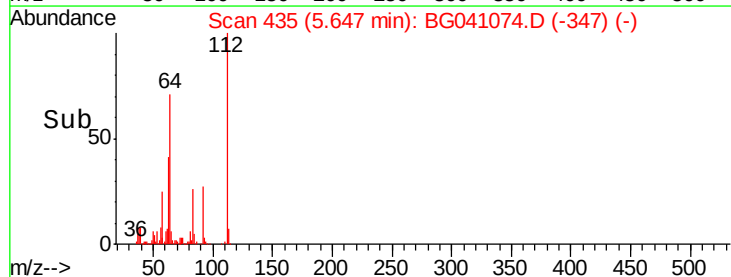
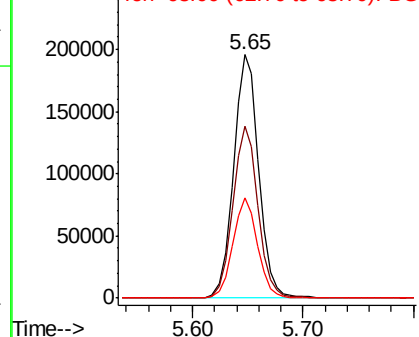


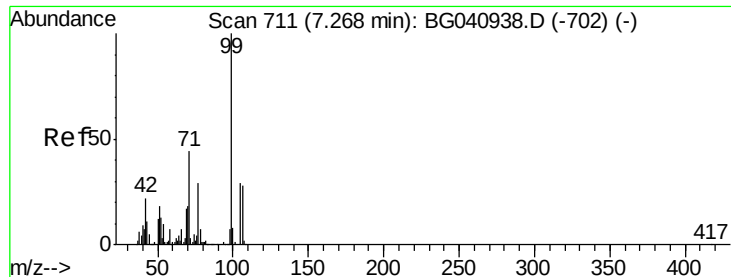
Abundance

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: 118.441 ng

RT: 7.26 min Scan# 709

Delta R.T. -0.01 min

Lab File: BG041074.D

Acq: 5 Jun 2019 16:20

Instrument :

BNA_G

ClientSampleId :

PB120290BL

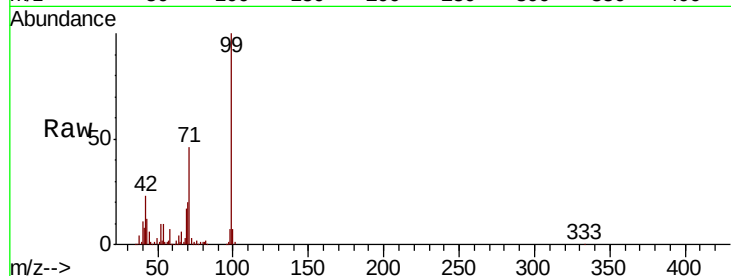
Tot Ion: 99 Resp: 429795

Ion Ratio Lower Upper

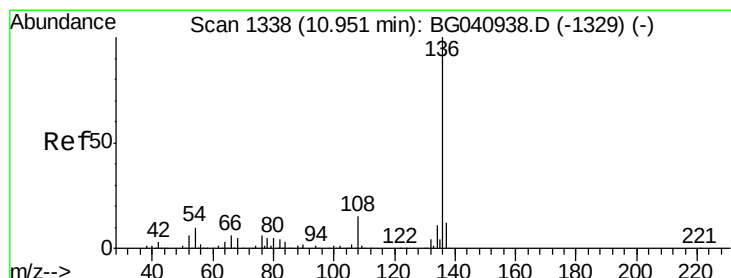
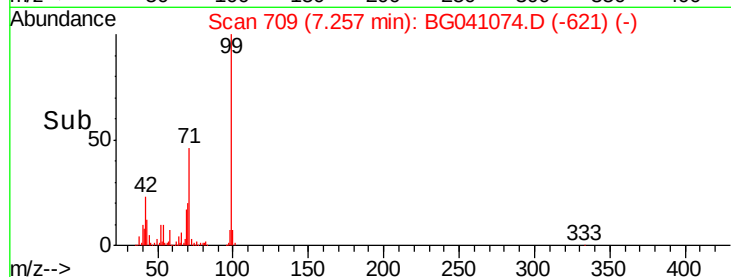
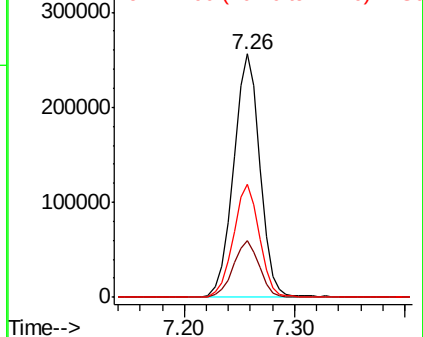
99 100

42 23.2 17.9 26.9

71 46.4 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: 10.94 min Scan# 1335

Delta R.T. -0.02 min

Lab File: BG041074.D

Acq: 5 Jun 2019 16:20

Tgt Ion: 136 Resp: 155360

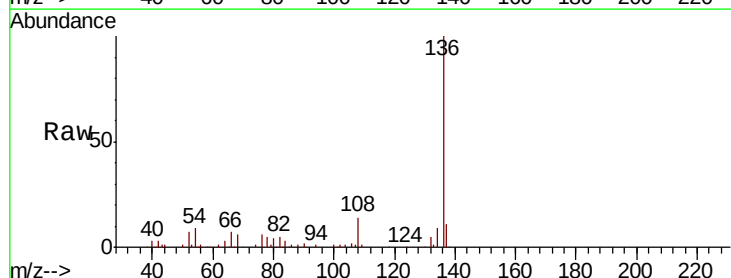
Ion Ratio Lower Upper

136 100

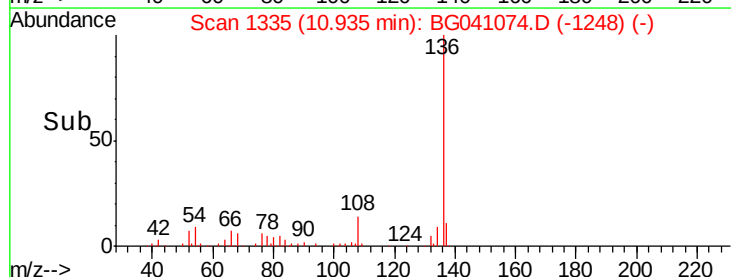
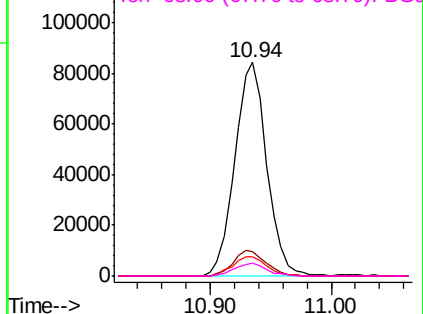
137 11.3 9.5 14.3

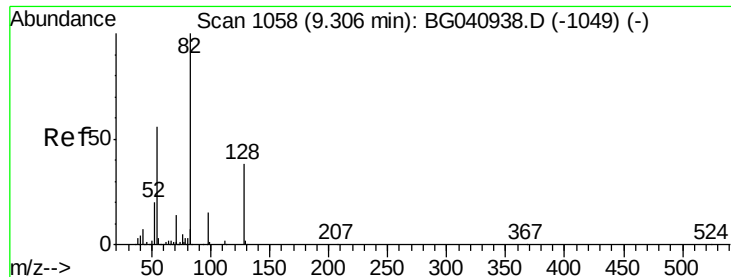
54 8.7 7.6 11.4

68 5.9 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: 84.916 ng

RT: 9.29 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BG041074.D

Acq: 5 Jun 2019 16:20

Instrument :

BNA_G

ClientSampleId :

PB120290BL

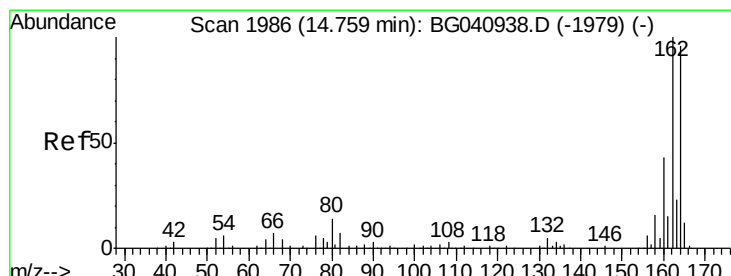
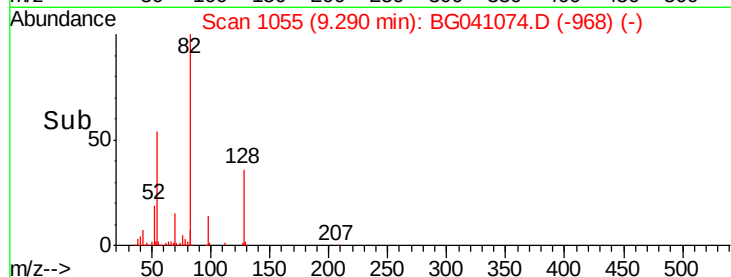
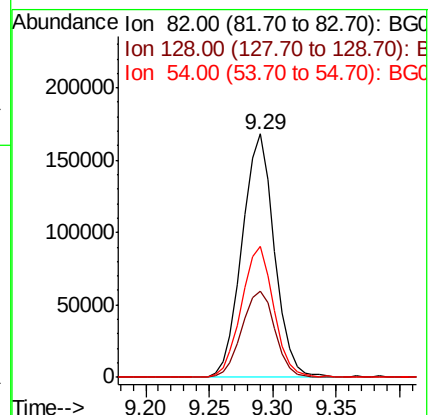
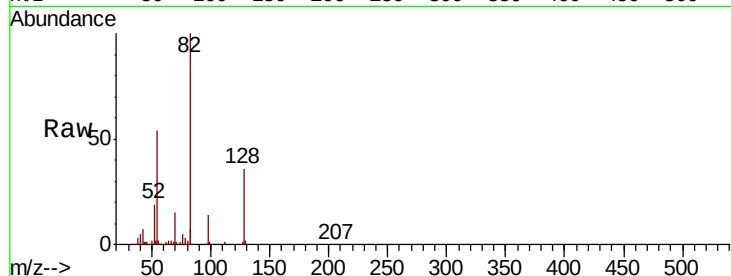
Tot Ion: 82 Resp: 297172

Ion Ratio Lower Upper

82 100

128 35.6 30.5 45.7

54 53.6 44.6 66.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. -0.02 min

Lab File: BG041074.D

Acq: 5 Jun 2019 16:20

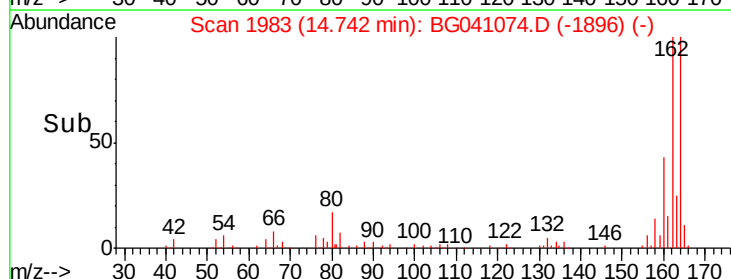
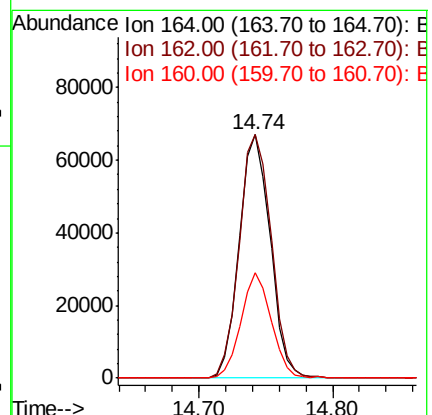
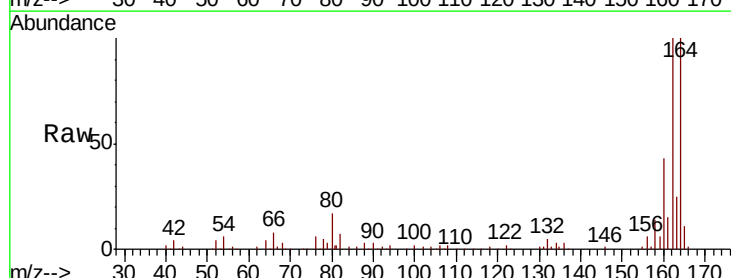
Tgt Ion:164 Resp: 107738

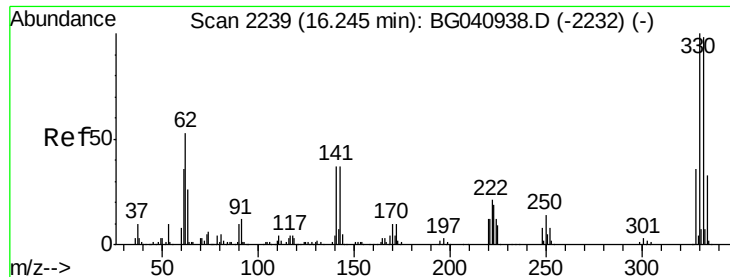
Ion Ratio Lower Upper

164 100

162 100.1 83.0 124.4

160 43.3 35.6 53.4





#42

2,4,6-Tribromophenol

Concen: 123.171 ng

RT: 16.23 min Scan# 2236

Delta R.T. -0.02 min

Lab File: BG041074.D

Acq: 5 Jun 2019 16:20

Instrument :

BNA_G

ClientSampleId :

PB120290BL

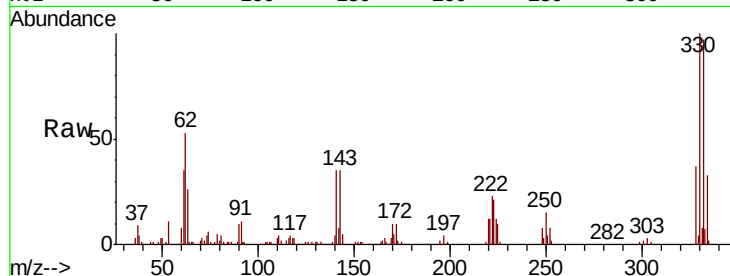
Tot Ion:330 Resp: 197005

Ion Ratio Lower Upper

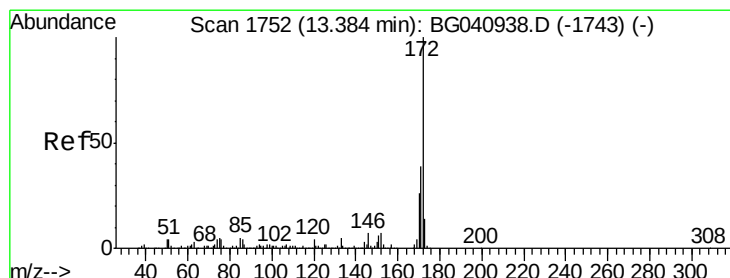
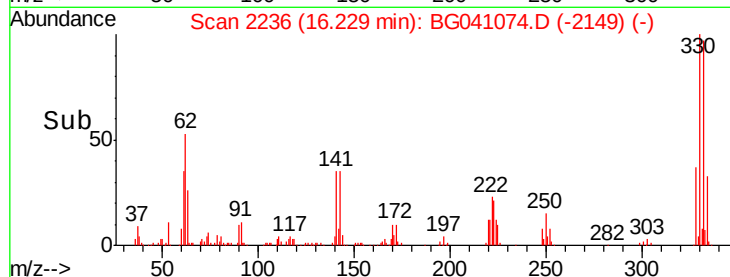
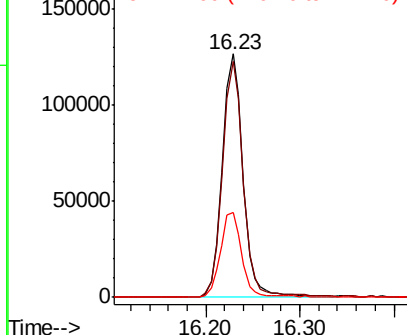
330 100

332 97.4 78.5 117.7

141 35.9 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: 87.062 ng

RT: 13.36 min Scan# 1748

Delta R.T. -0.02 min

Lab File: BG041074.D

Acq: 5 Jun 2019 16:20

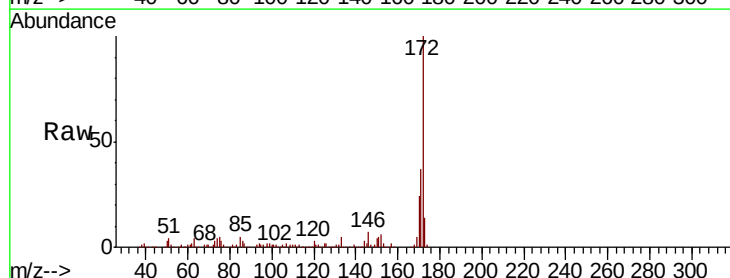
Tgt Ion:172 Resp: 651336

Ion Ratio Lower Upper

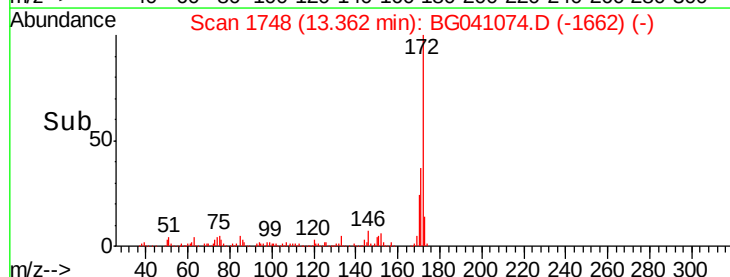
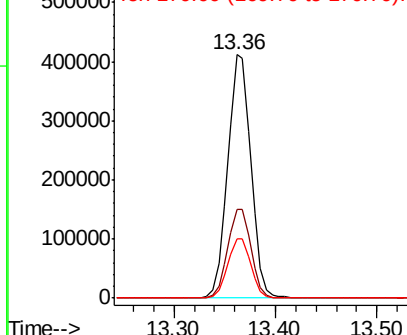
172 100

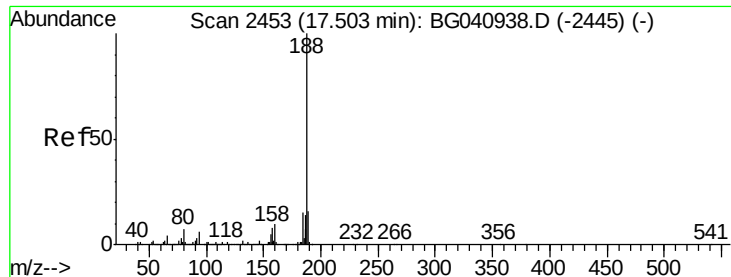
171 36.6 31.1 46.7

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: 17.49 min Scan# 2450

Delta R.T. -0.02 min

Lab File: BG041074.D

Acq: 5 Jun 2019 16:20

Instrument :

BNA_G

ClientSampleId :

PB120290BL

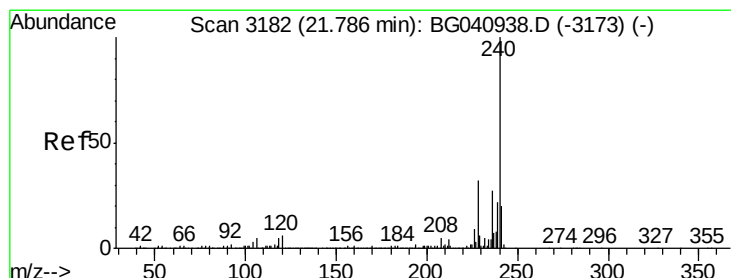
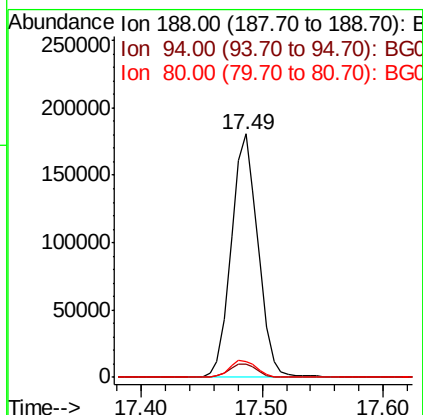
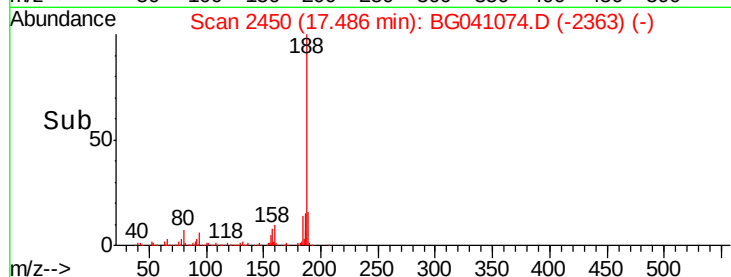
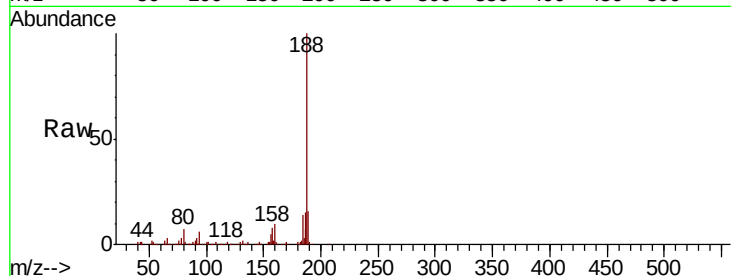
Tot Ion:188 Resp: 278177

Ion Ratio Lower Upper

188 100

94 5.6 4.7 7.1

80 6.6 5.8 8.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. -0.02 min

Lab File: BG041074.D

Acq: 5 Jun 2019 16:20

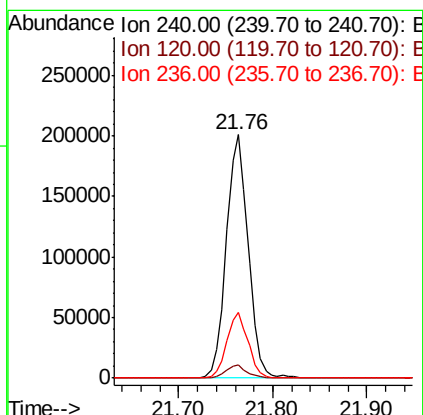
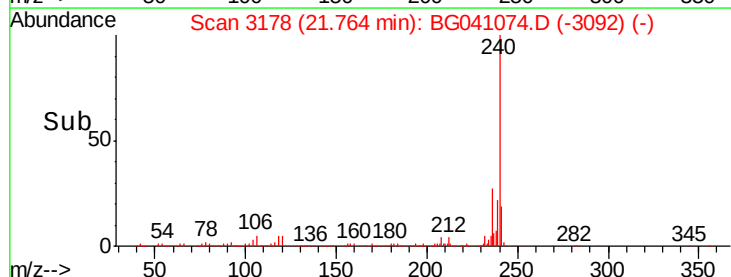
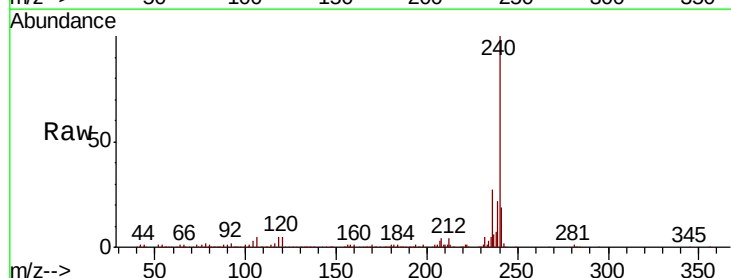
Tgt Ion:240 Resp: 324195

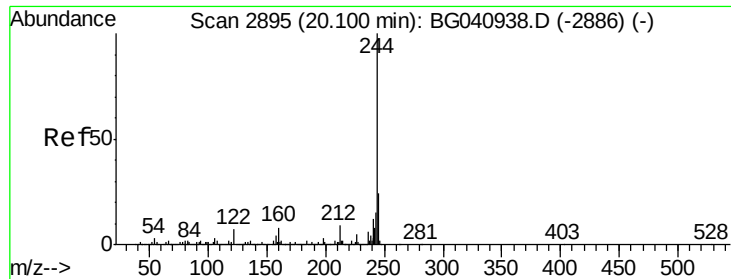
Ion Ratio Lower Upper

240 100

120 5.4 4.5 6.7

236 27.0 21.3 31.9





#79

Terphenyl-d14

Concen: 84.179 ng

RT: 20.08 min Scan# 2892

Delta R.T. -0.02 min

Lab File: BG041074.D

Acq: 5 Jun 2019 16:20

Instrument :

BNA_G

ClientSampleId :

PB120290BL

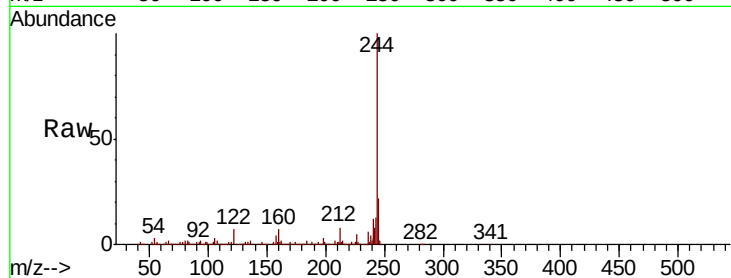
Tot Ion:244 Resp: 1285856

Ion Ratio Lower Upper

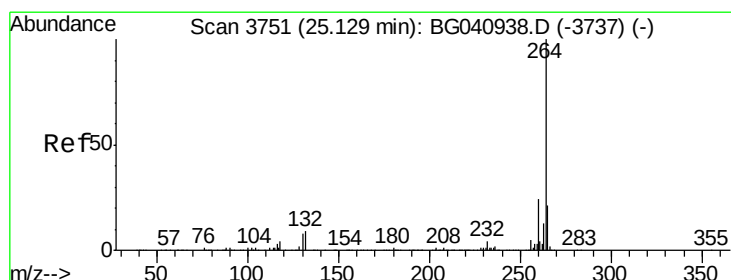
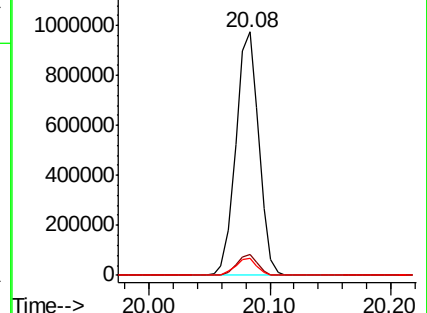
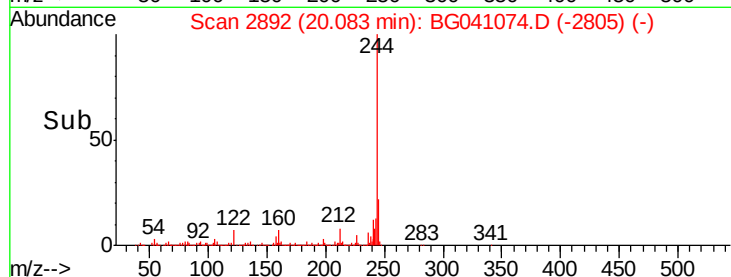
244 100

212 8.4 7.0 10.4

122 7.1 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. -0.03 min

Lab File: BG041074.D

Acq: 5 Jun 2019 16:20

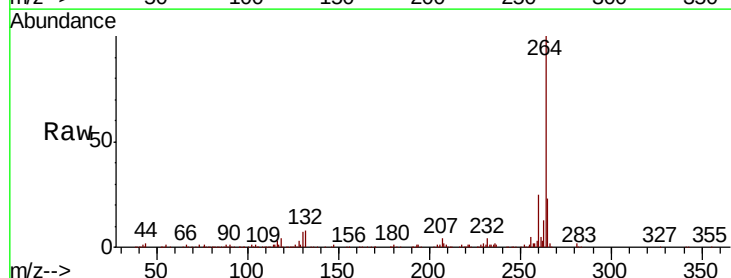
Tgt Ion:264 Resp: 347269

Ion Ratio Lower Upper

264 100

260 24.7 19.0 28.4

265 22.5 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

