

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041134.D
 Acq On : 8 Jun 2019 15:30
 Operator : HP/JU
 Sample : K3153-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-060519-C

Quant Time: Jun 09 23:22:23 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	41393	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	168624	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	127901	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	328646	20.00	ng	0.00
76) Chrysene-d12	21.76	240	327480	20.00	ng	0.00
87) Perylene-d12	25.08	264	339154	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	306121	133.36	ng	0.00
7) Phenol-d6	7.25	99	391163	110.34	ng	0.00
23) Nitrobenzene-d5	9.28	82	357455	94.11	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	240876	126.86	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	864500	97.34	ng	0.00
79) Terphenyl-d14	20.08	244	1531492	99.25	ng	0.00

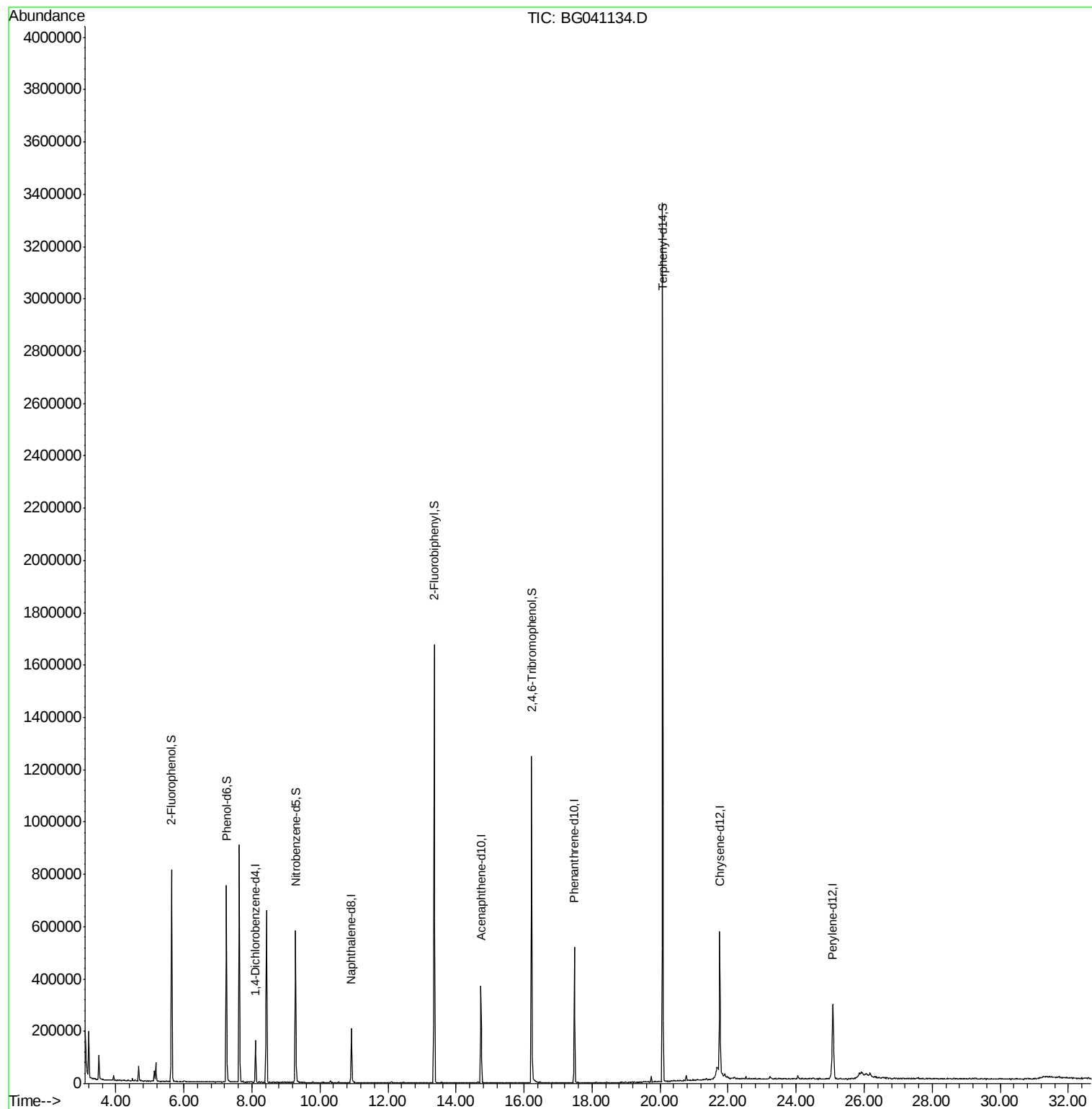
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.10 min Scan# 853

Delta R.T. -0.00 min

Lab File: BG041134.D

Acq: 8 Jun 2019 15:30

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-C

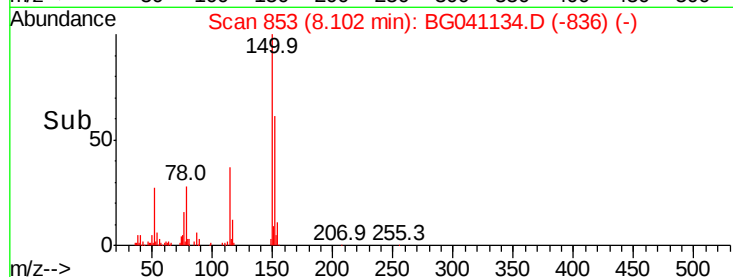
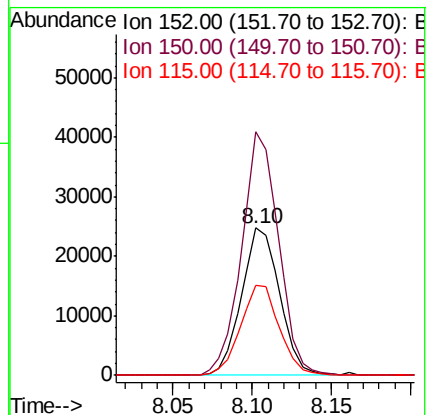
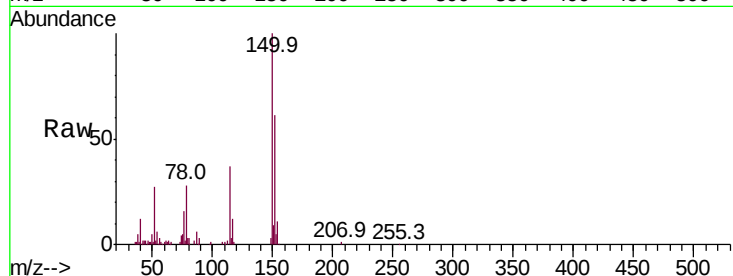
Tot Ion:152 Resp: 41393

Ion Ratio Lower Upper

152 100

150 165.0 120.6 180.8

115 61.0 45.1 67.7



#5

2-Fluorophenol

Concen: 133.356 ng

RT: 5.64 min Scan# 434

Delta R.T. 0.00 min

Lab File: BG041134.D

Acq: 8 Jun 2019 15:30

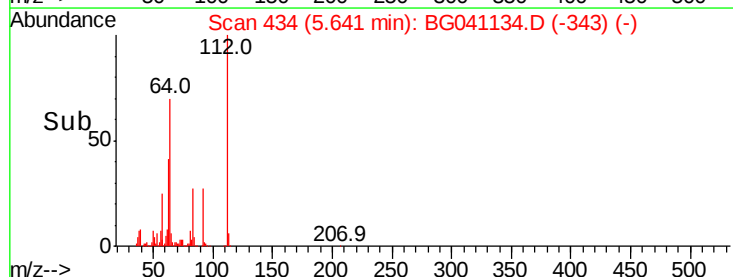
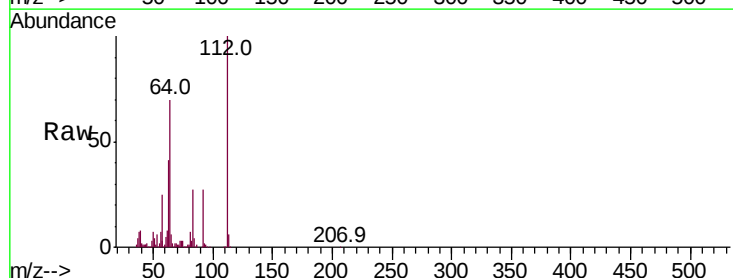
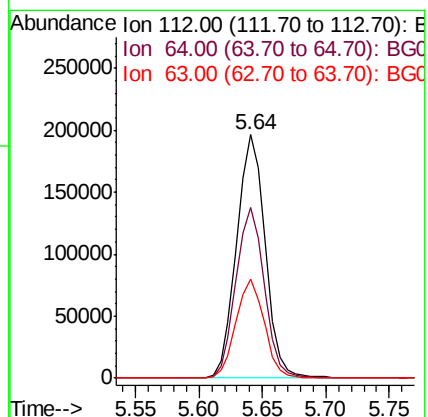
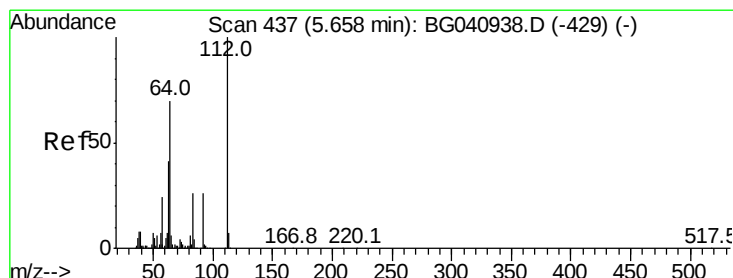
Tgt Ion:112 Resp: 306121

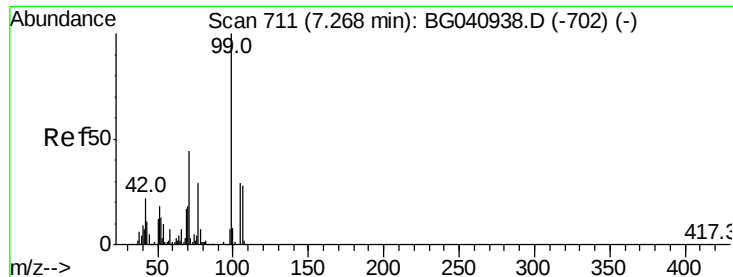
Ion Ratio Lower Upper

112 100

64 69.9 56.2 84.2

63 40.6 32.8 49.2





#7

Phenol-d6

Concen: 110.336 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BG041134.D

Acq: 8 Jun 2019 15:30

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-C

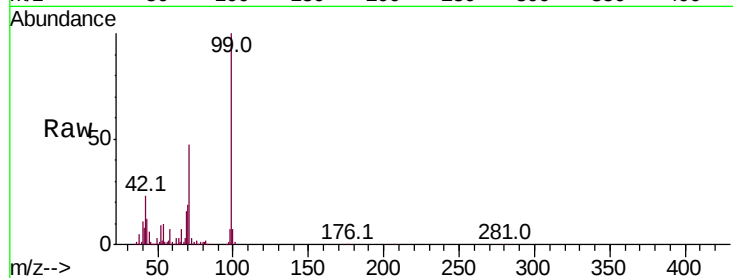
Tot Ion: 99 Resp: 391163

Ion Ratio Lower Upper

99 100

42 22.6 17.9 26.9

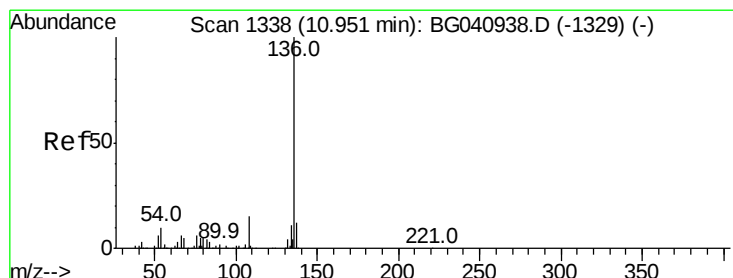
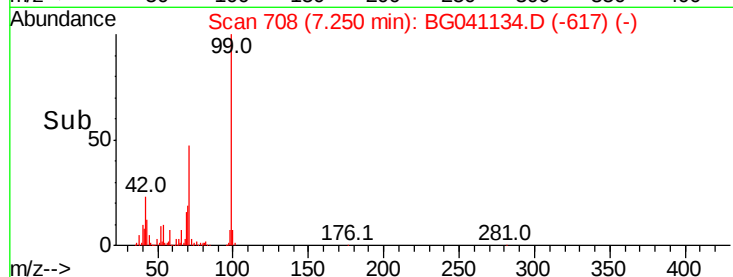
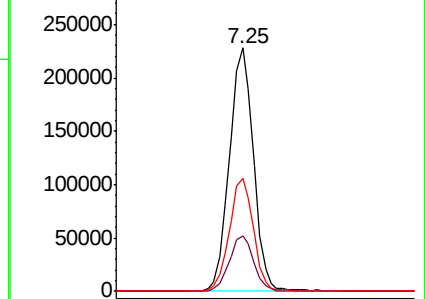
71 46.6 35.4 53.0



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: 10.92 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BG041134.D

Acq: 8 Jun 2019 15:30

Tgt Ion: 136 Resp: 168624

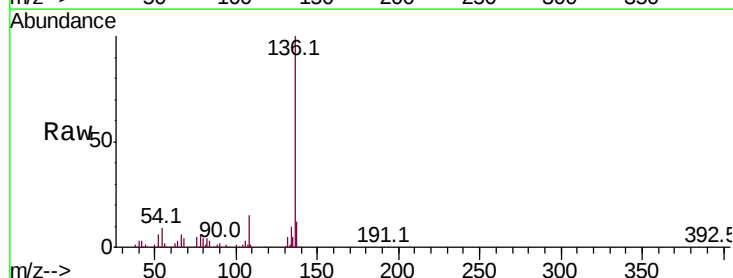
Ion Ratio Lower Upper

136 100

137 12.0 9.5 14.3

54 9.5 7.6 11.4

68 4.1 3.9 5.9

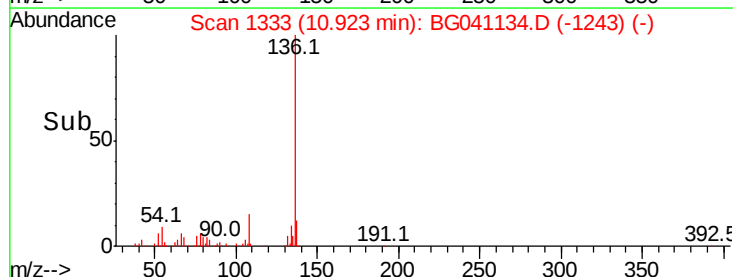
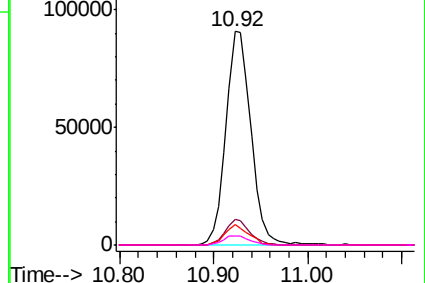


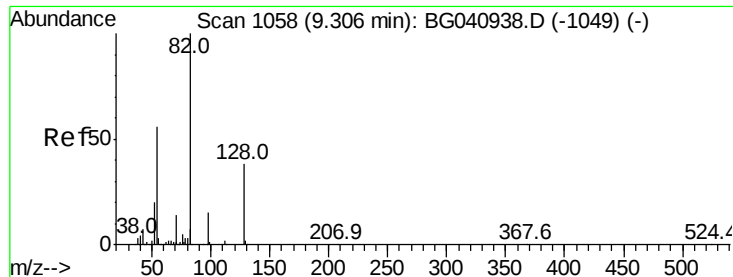
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

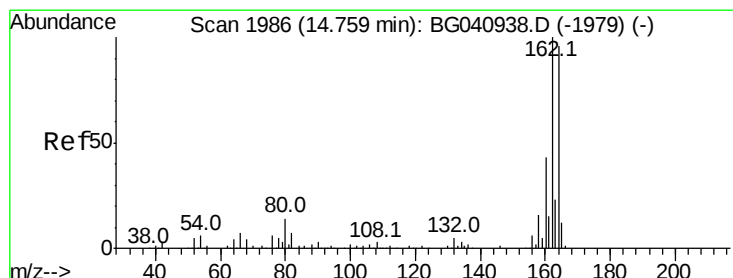
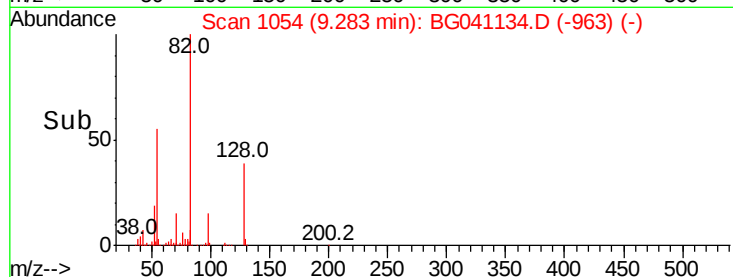
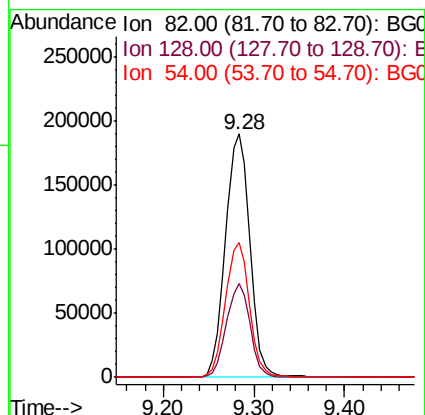
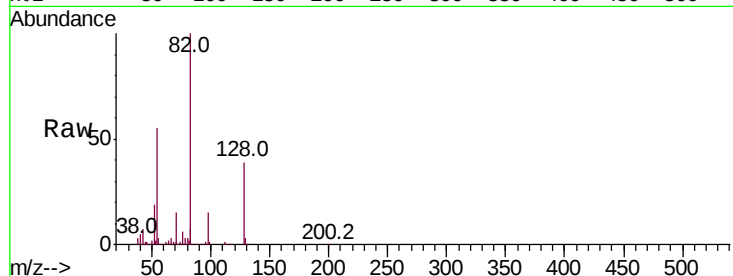




#23
Nitrobenzene-d5
Concen: 94.107 ng
RT: 9.28 min Scan# 1054
Delta R.T. 0.00 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

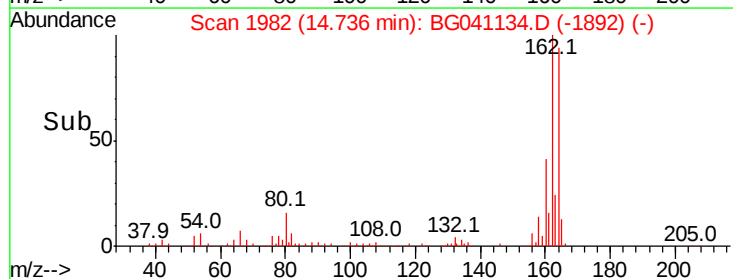
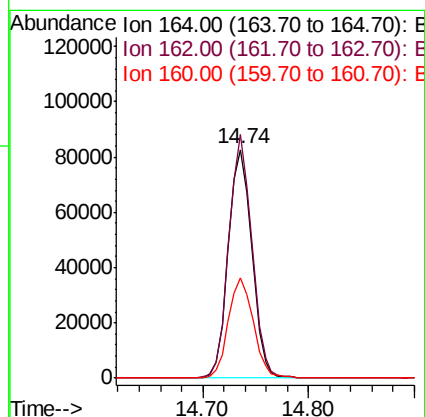
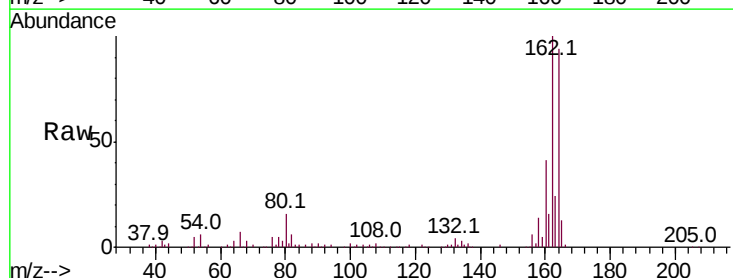
Instrument :
BNA_G
ClientSampleId :
HR-05-060519-C

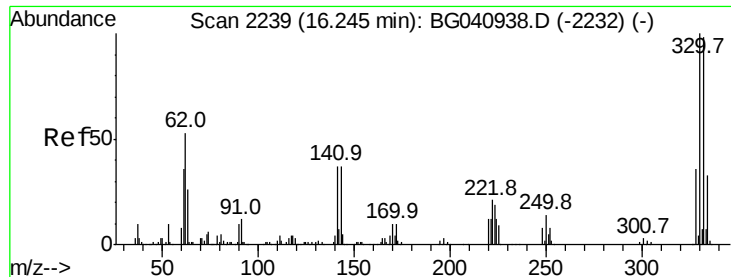
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.7	30.5	45.7
54	55.4	44.6	66.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.74 min Scan# 1982
Delta R.T. -0.00 min
Lab File: BG041134.D
Acq: 8 Jun 2019 15:30

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	83.0	124.4
160	44.0	35.6	53.4

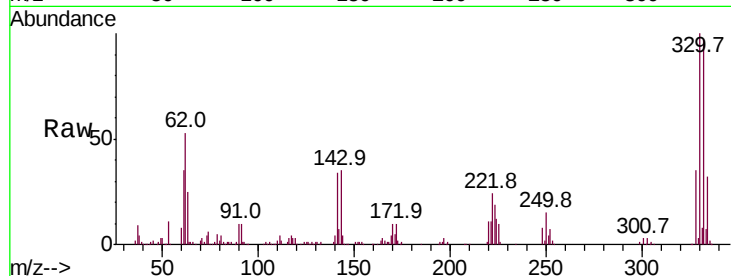




#42
 2,4,6-Tribromophenol
 Concen: 126.858 ng
 RT: 16.22 min Scan# 2235
 Delta R.T. -0.00 min
 Lab File: BG041134.D
 Acq: 8 Jun 2019 15:30

Instrument :
 BNA_G
 ClientSampleId :
 HR-05-060519-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.5	117.7
141	35.5	28.7	43.1

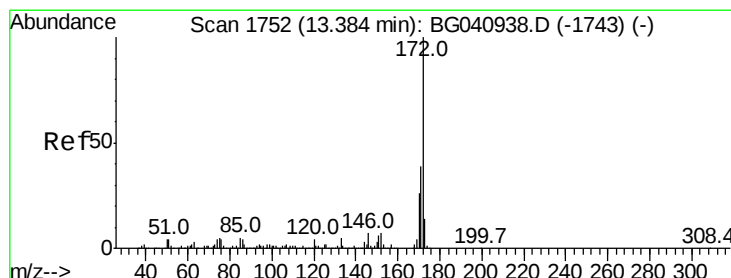
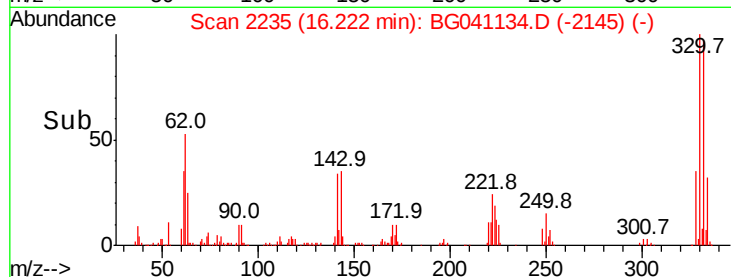
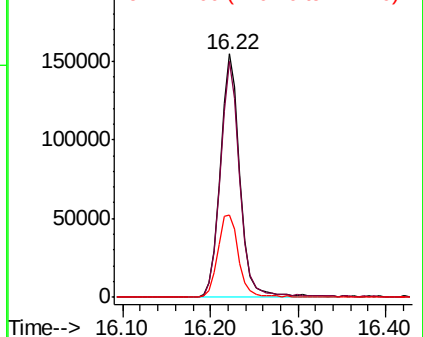


Abundance

Ion 329.80 (329.50 to 330.50): E

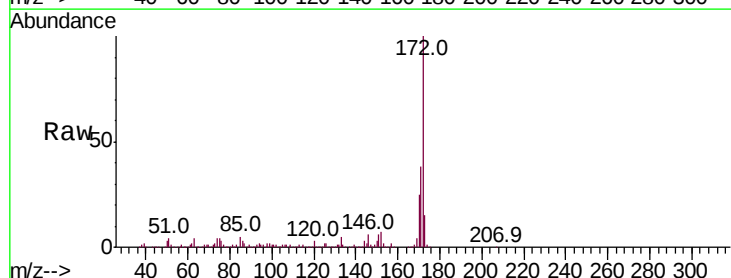
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 97.339 ng
 RT: 13.36 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: BG041134.D
 Acq: 8 Jun 2019 15:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.1	46.7
170	25.1	20.5	30.7

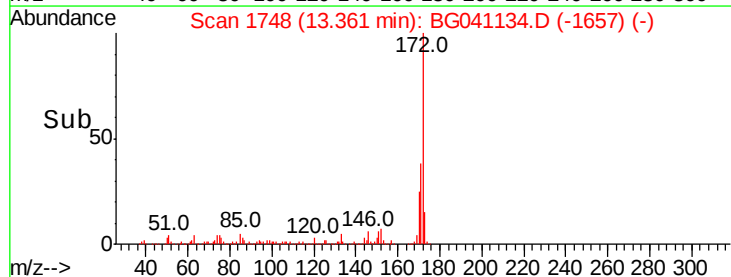
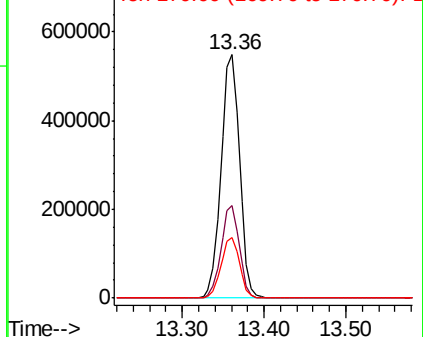


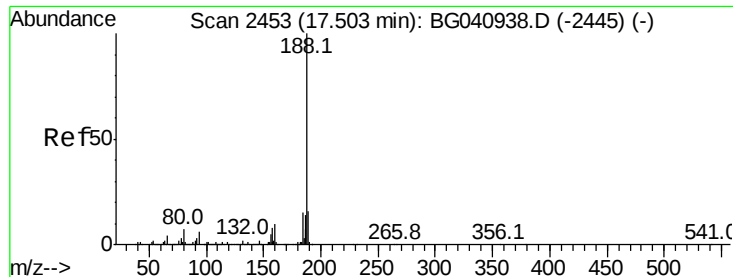
Abundance

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# 2449

Delta R.T. -0.00 min

Lab File: BG041134.D

Acq: 8 Jun 2019 15:30

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-C

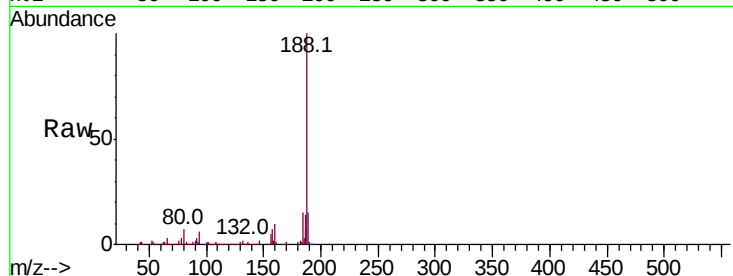
Tot Ion:188 Resp: 328646

Ion Ratio Lower Upper

188 100

94 5.6 4.7 7.1

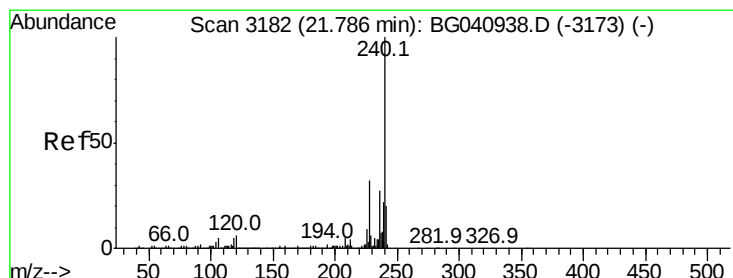
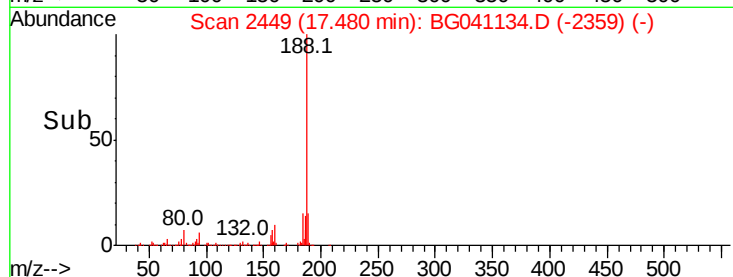
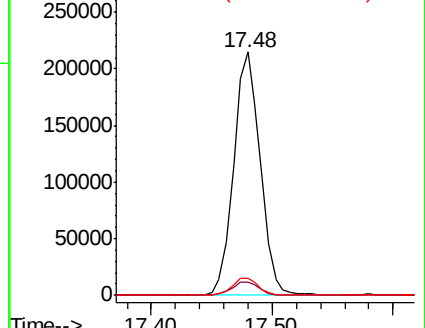
80 7.1 5.8 8.8



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# 3177

Delta R.T. -0.00 min

Lab File: BG041134.D

Acq: 8 Jun 2019 15:30

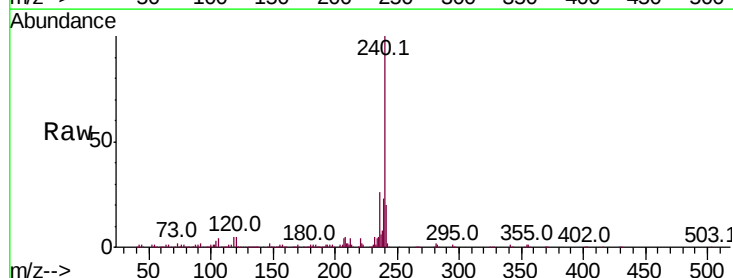
Tgt Ion:240 Resp: 327480

Ion Ratio Lower Upper

240 100

120 5.2 4.5 6.7

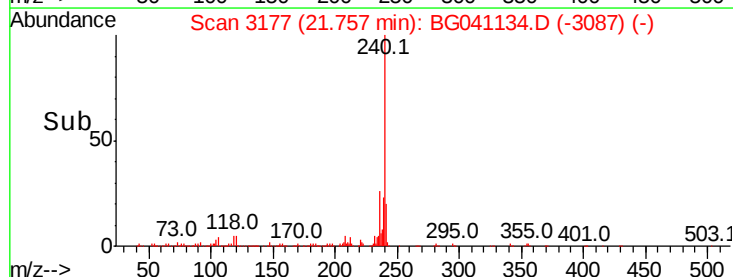
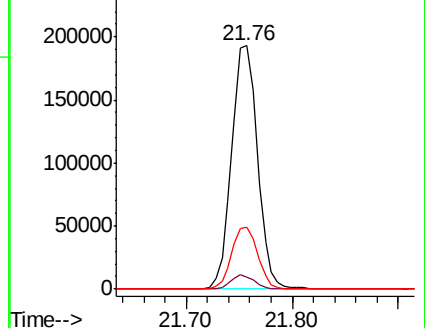
236 25.5 21.3 31.9

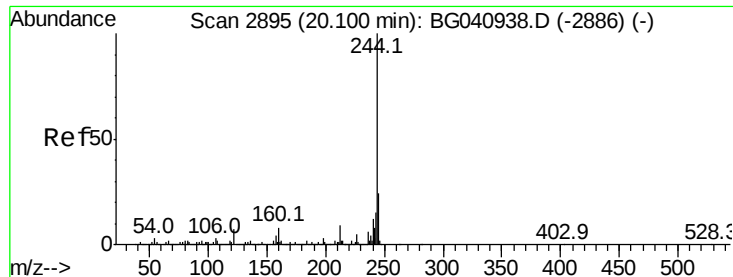


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.254 ng

RT: 20.08 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041134.D

Acq: 8 Jun 2019 15:30

Instrument :

BNA_G

ClientSampleId :

HR-05-060519-C

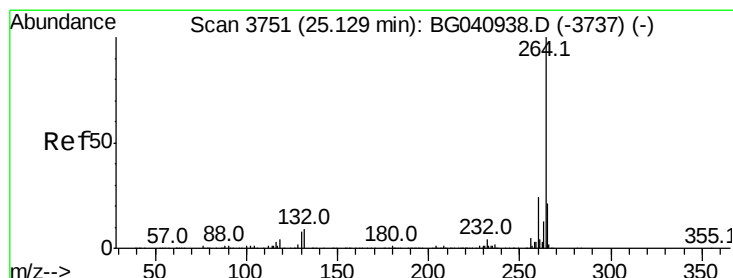
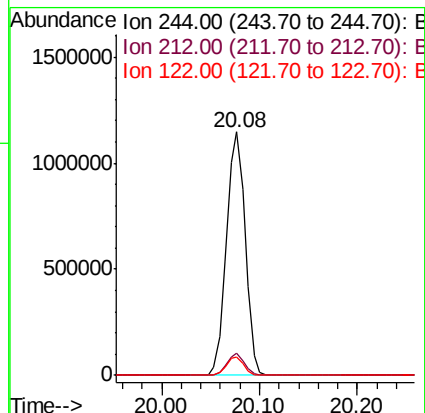
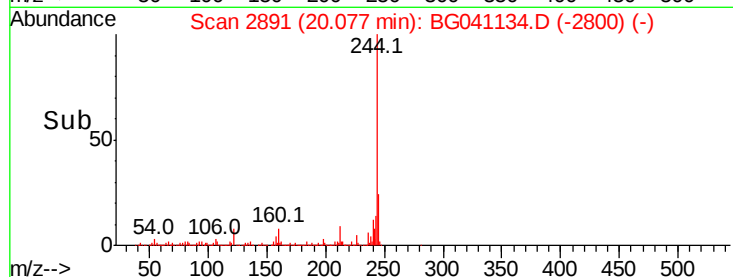
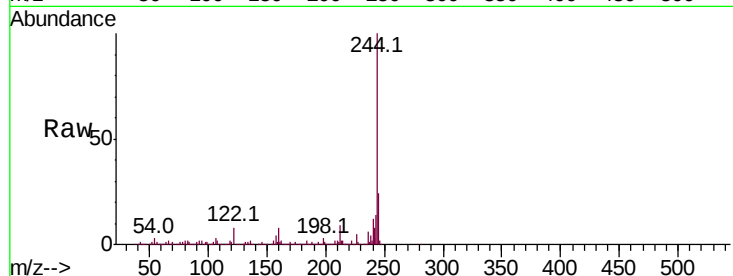
Tot Ion:244 Resp: 1531492

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.4

122 7.7 5.4 8.0



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.08 min Scan# 3742

Delta R.T. -0.01 min

Lab File: BG041134.D

Acq: 8 Jun 2019 15:30

Tgt Ion:264 Resp: 339154

Ion Ratio Lower Upper

264 100

260 23.9 19.0 28.4

265 21.3 17.0 25.4

