

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071619\
 Data File : BG041679.D
 Acq On : 17 Jul 2019 4:32
 Operator : HP/JU
 Sample : PB121423TB
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB121423TB

Quant Time: Jul 17 07:50:34 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	108416	20.00	ng	0.00
21) Naphthalene-d8	10.85	136	455272	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	288391	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	701882	20.00	ng	0.00
76) Chrysene-d12	21.65	240	696297	20.00	ng	-0.01
87) Perylene-d12	24.85	264	772665	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	809934	122.13	ng	0.00
7) Phenol-d6	7.20	99	1114601	124.95	ng	0.00
23) Nitrobenzene-d5	9.20	82	671381	89.68	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	397808	122.40	ng	0.00
45) 2-Fluorobiphenyl	13.30	172	1599007	85.86	ng	0.00
79) Terphenyl-d14	20.01	244	2417118	81.12	ng	0.00

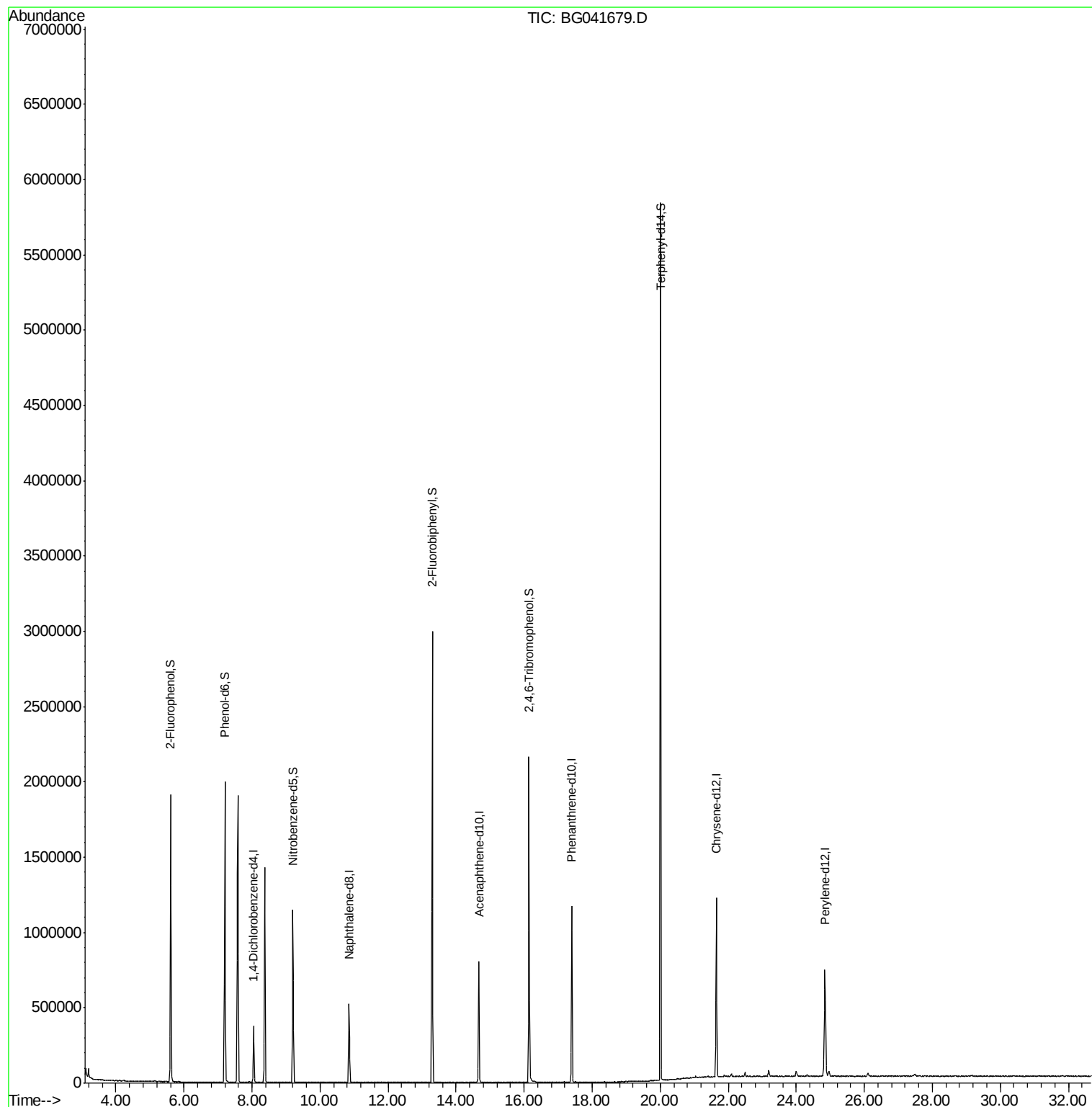
Target Compounds Qvalue

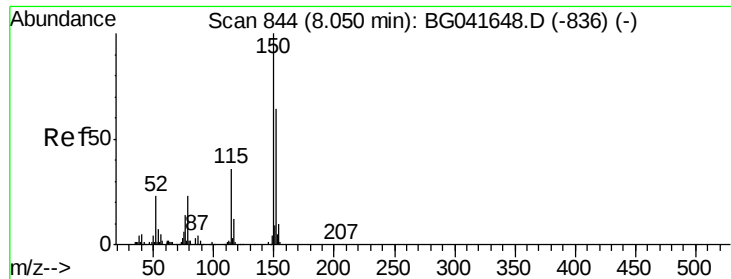
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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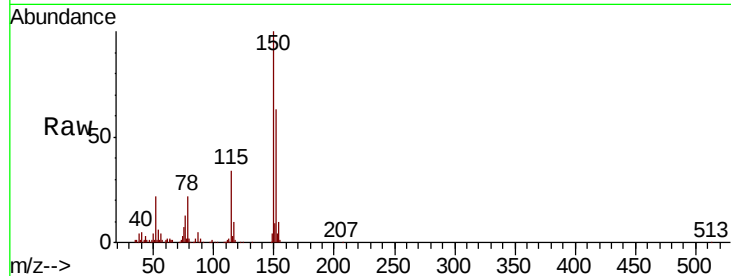


#1

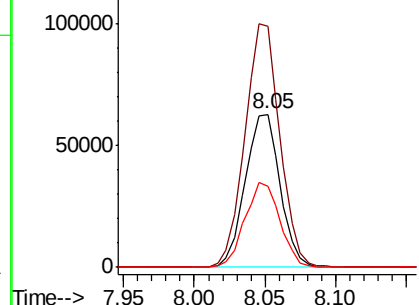
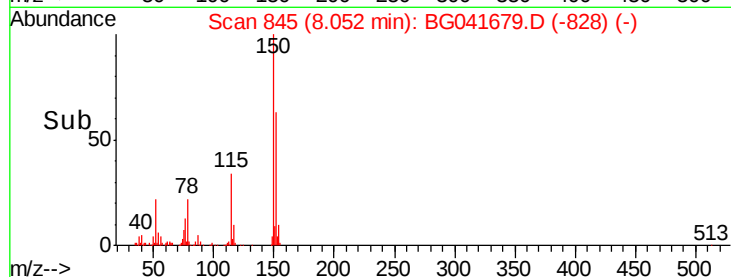
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Instrument :
BNA_G
ClientSampleId :
PB121423TB

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	126.9	190.3
115	53.4	45.0	67.6



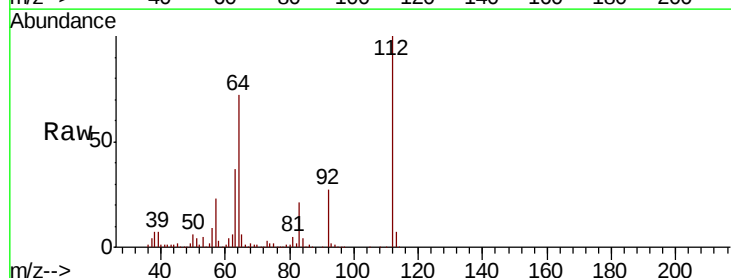
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



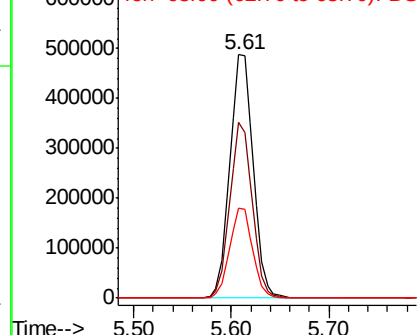
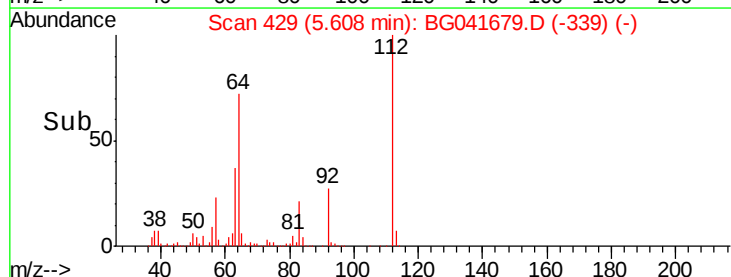
#5

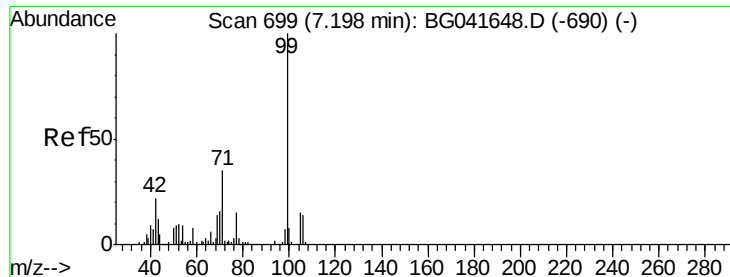
2-Fluorophenol
Concen: 122.126 ng
RT: 5.61 min Scan# 429
Delta R.T. -0.00 min
Lab File: BG041679.D
Acq: 17 Jul 2019 4:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.2	55.4	83.2
63	37.1	29.1	43.7



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: 124.951 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG041679.D

Acq: 17 Jul 2019 4:32

Instrument :

BNA_G

ClientSampleId :

PB121423TB

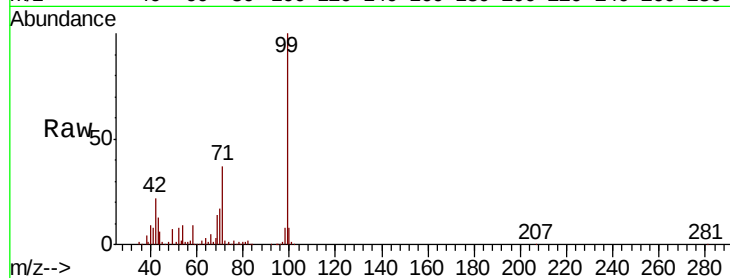
Tot Ion: 99 Resp: 1114601

Ion Ratio Lower Upper

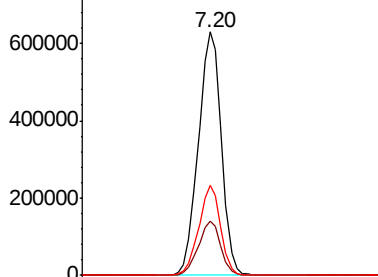
99 100

42 22.4 17.6 26.4

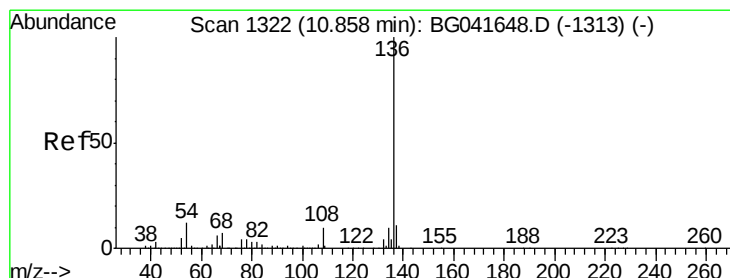
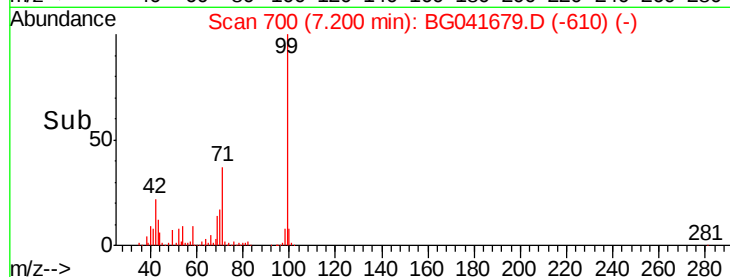
71 37.1 27.8 41.6



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



Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.85 min Scan# 1322

Delta R.T. -0.00 min

Lab File: BG041679.D

Acq: 17 Jul 2019 4:32

Tgt Ion: 136 Resp: 455272

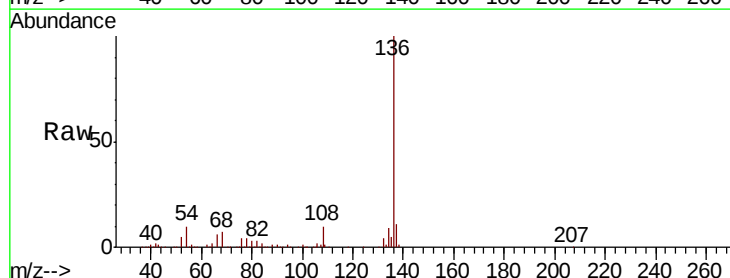
Ion Ratio Lower Upper

136 100

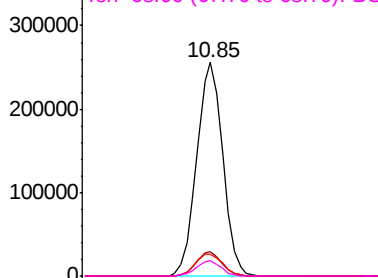
137 11.3 9.2 13.8

54 10.1 8.7 13.1

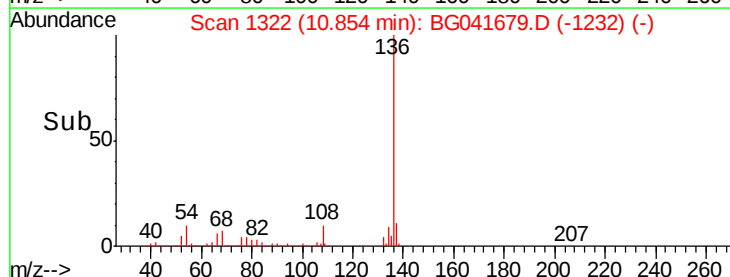
68 7.0 5.5 8.3

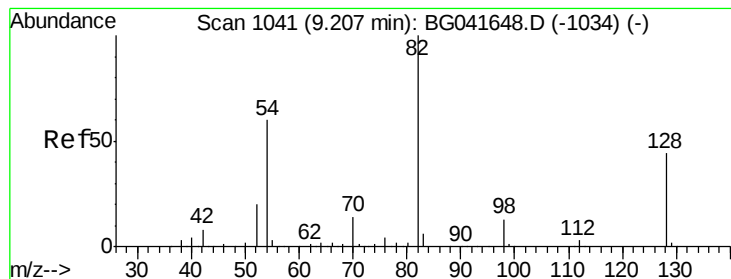


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->





#23

Nitrobenzene-d5

Concen: 89.683 ng

RT: 9.20 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BG041679.D

Acq: 17 Jul 2019 4:32

Instrument :

BNA_G

ClientSampleId :

PB121423TB

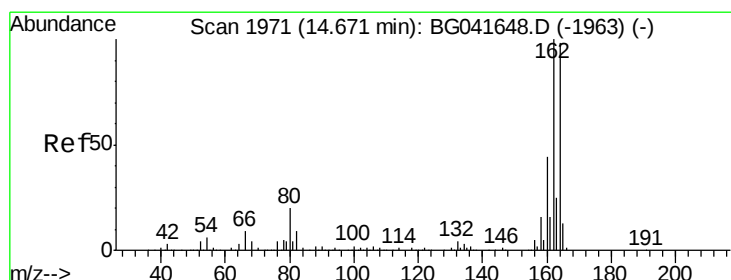
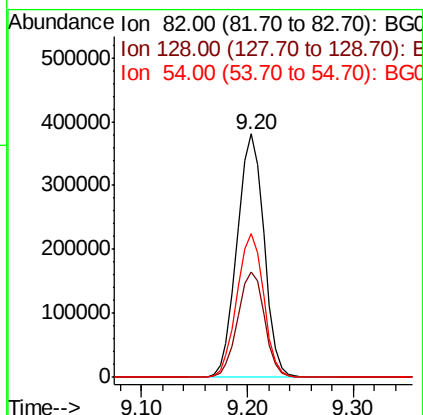
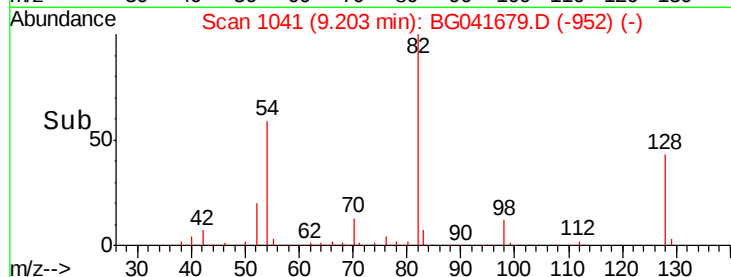
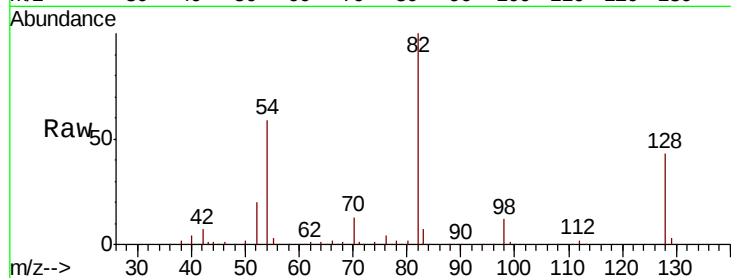
Tot Ion: 82 Resp: 671381

Ion Ratio Lower Upper

82 100

128 43.2 35.1 52.7

54 59.1 48.7 73.1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.01 min

Lab File: BG041679.D

Acq: 17 Jul 2019 4:32

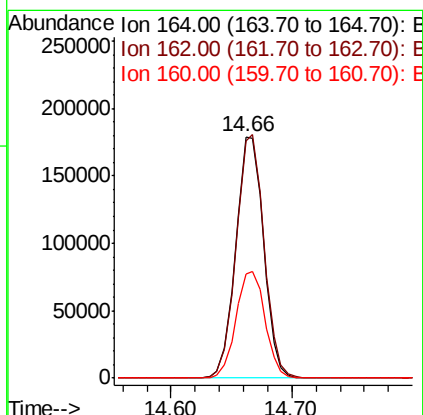
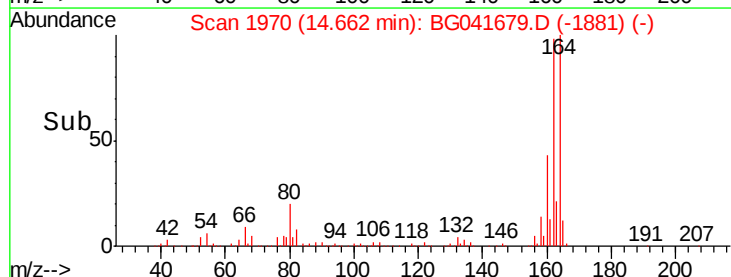
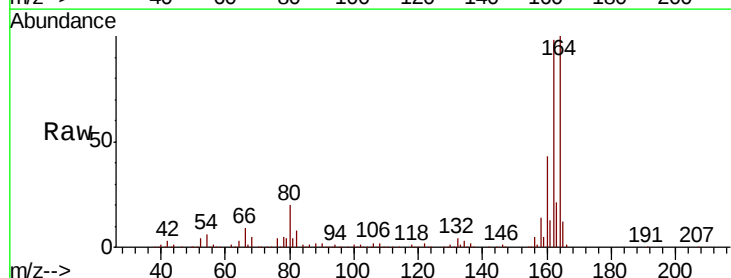
Tgt Ion: 164 Resp: 288391

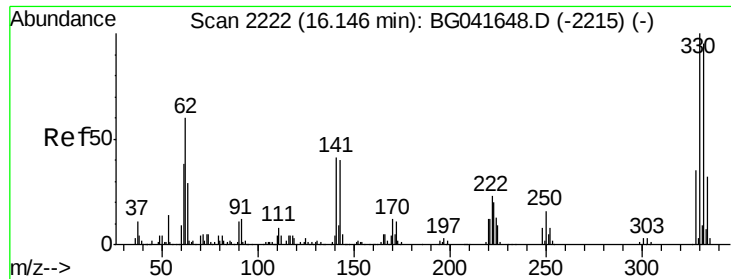
Ion Ratio Lower Upper

164 100

162 98.1 79.6 119.4

160 43.1 35.4 53.0

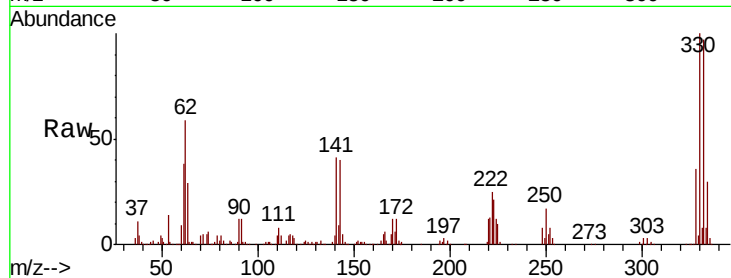




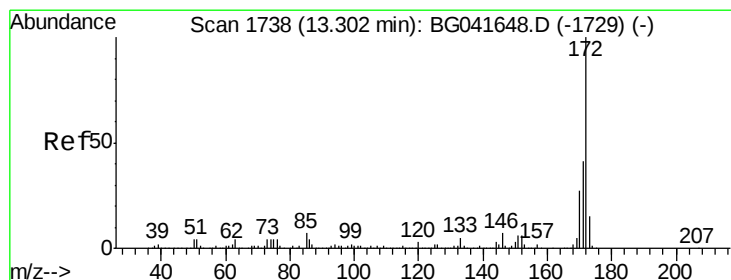
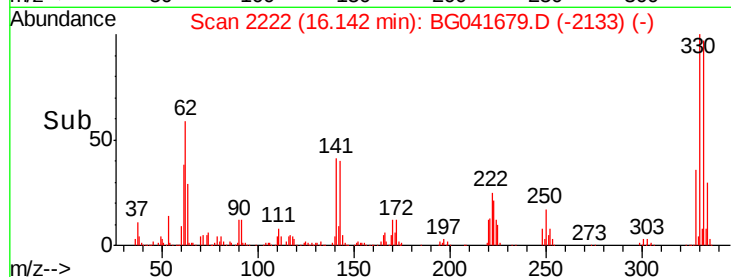
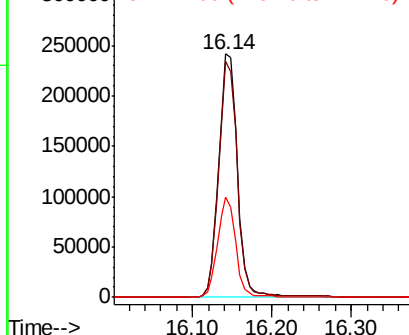
#42
 2,4,6-Tribromophenol
 Concen: 122.398 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG041679.D
 Acq: 17 Jul 2019 4:32

Instrument :
 BNA_G
 ClientSampleId :
 PB121423TB

Tot Ion:330 Resp: 397808
 Ion Ratio Lower Upper
 330 100
 332 95.3 77.4 116.0
 141 39.4 31.9 47.9

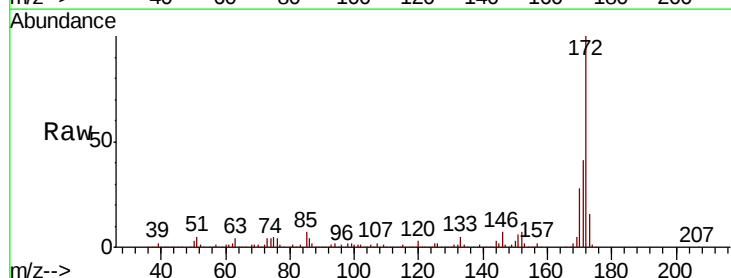


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

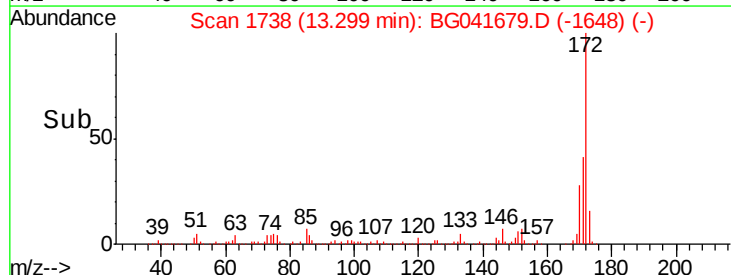
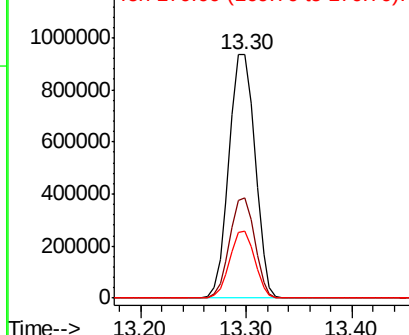


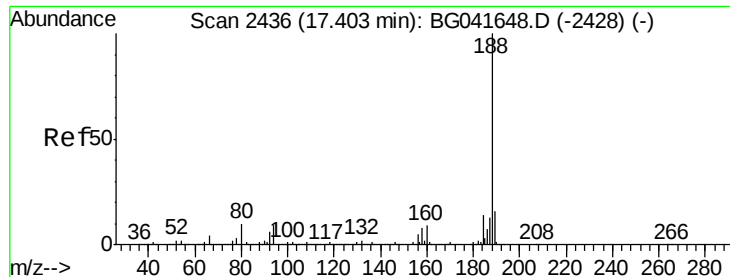
#45
 2-Fluorobiphenyl
 Concen: 85.858 ng
 RT: 13.30 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BG041679.D
 Acq: 17 Jul 2019 4:32

Tgt Ion:172 Resp: 1599007
 Ion Ratio Lower Upper
 172 100
 171 41.3 35.0 52.4
 170 27.6 23.5 35.3



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: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG041679.D

Acq: 17 Jul 2019 4:32

Instrument :

BNA_G

ClientSampleId :

PB121423TB

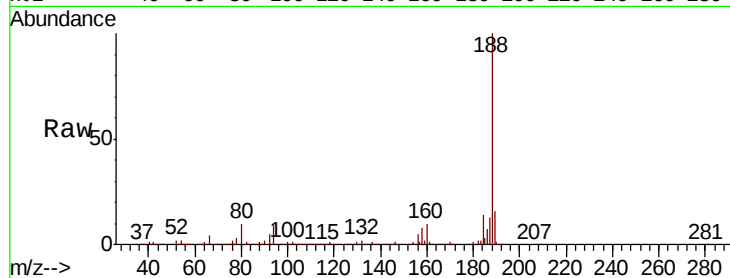
Tot Ion:188 Resp: 701882

Ion Ratio Lower Upper

188 100

94 9.0 6.9 10.3

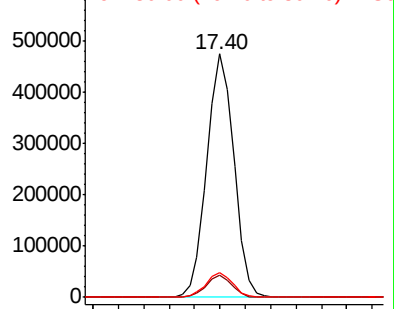
80 10.2 8.0 12.0



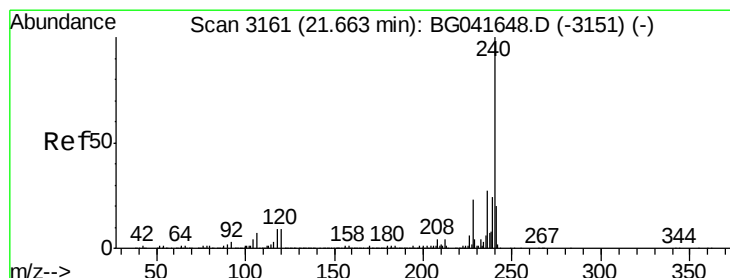
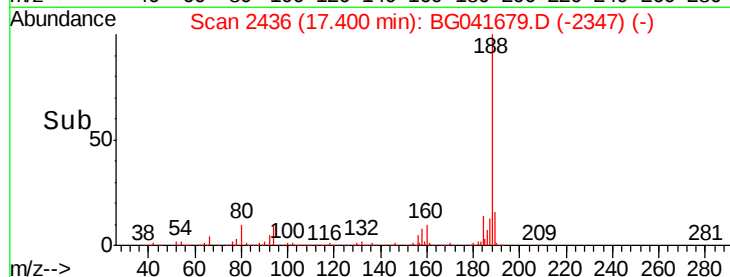
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.65 min Scan# 3159

Delta R.T. -0.01 min

Lab File: BG041679.D

Acq: 17 Jul 2019 4:32

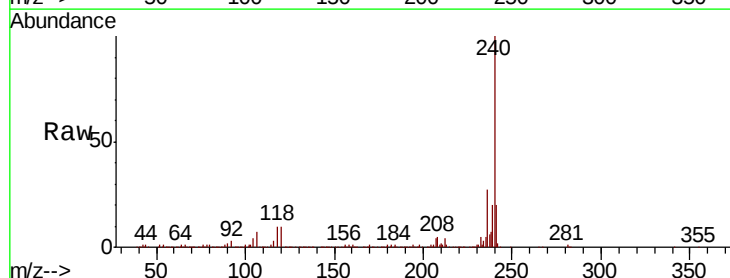
Tgt Ion:240 Resp: 696297

Ion Ratio Lower Upper

240 100

120 10.0 8.0 12.0

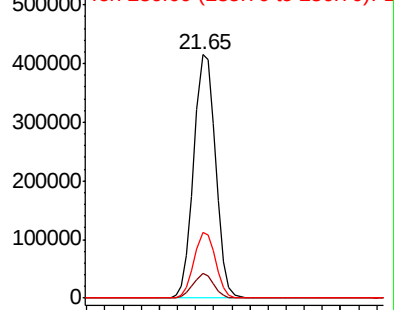
236 27.1 22.6 33.8



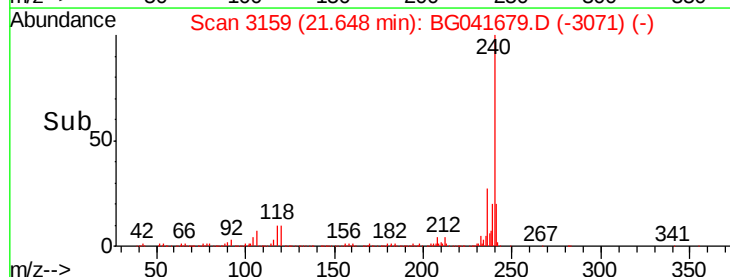
Abundance Ion 240.00 (239.70 to 240.70): E

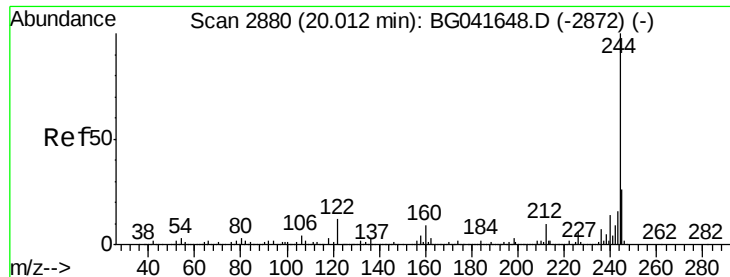
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 81.122 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG041679.D

Acq: 17 Jul 2019 4:32

Instrument :

BNA_G

ClientSampleId :

PB121423TB

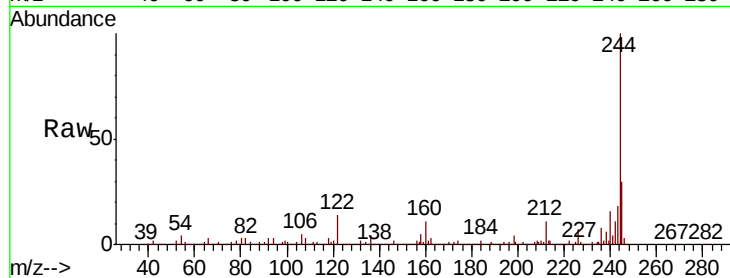
Tot Ion:244 Resp: 2417118

Ion	Ratio	Lower	Upper
244	100		
212	11.2	9.7	14.5
122	14.4	12.5	18.7

244 100

212 11.2 9.7 14.5

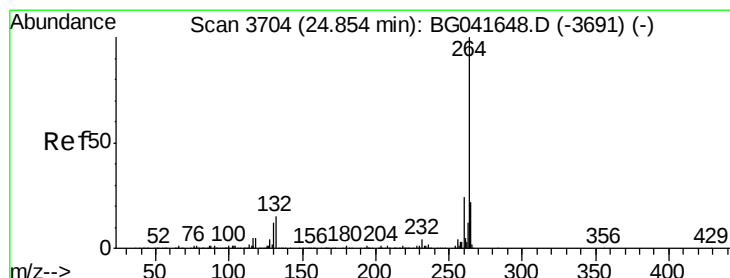
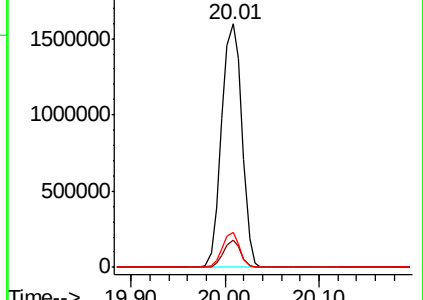
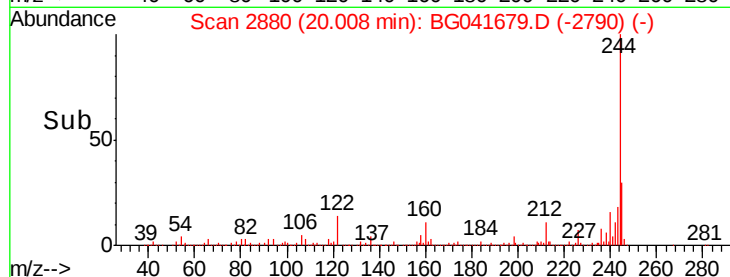
122 14.4 12.5 18.7



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: 24.85 min Scan# 3704

Delta R.T. -0.01 min

Lab File: BG041679.D

Acq: 17 Jul 2019 4:32

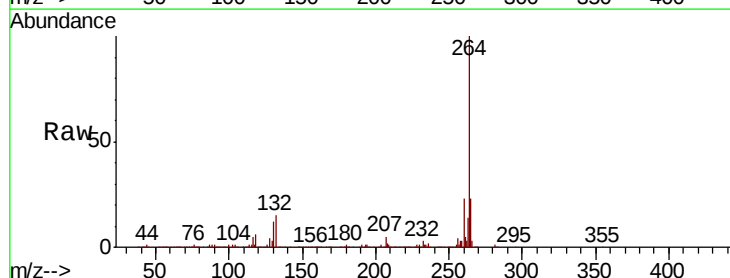
Tgt Ion:264 Resp: 772665

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.5	29.3
265	22.6	18.0	27.0

264 100

260 23.4 19.5 29.3

265 22.6 18.0 27.0



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

