

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061919\
 Data File : BG041324.D
 Acq On : 19 Jun 2019 12:31
 Operator : HP/JU
 Sample : PB120669TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB120669TB

Quant Time: Jun 19 13:55:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 14:58:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	33729	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	137804	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	103795	20.00	ng	0.00
64) Phenanthrene-d10	17.46	188	255603	20.00	ng	0.00
76) Chrysene-d12	21.74	240	262272	20.00	ng	0.00
87) Perylene-d12	25.04	264	276193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	234838	127.93	ng	0.00
7) Phenol-d6	7.23	99	351135	131.96	ng	0.00
23) Nitrobenzene-d5	9.26	82	254530	77.68	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	193274	121.29	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	608882	79.73	ng	0.00
79) Terphenyl-d14	20.06	244	1158559	87.54	ng	0.00

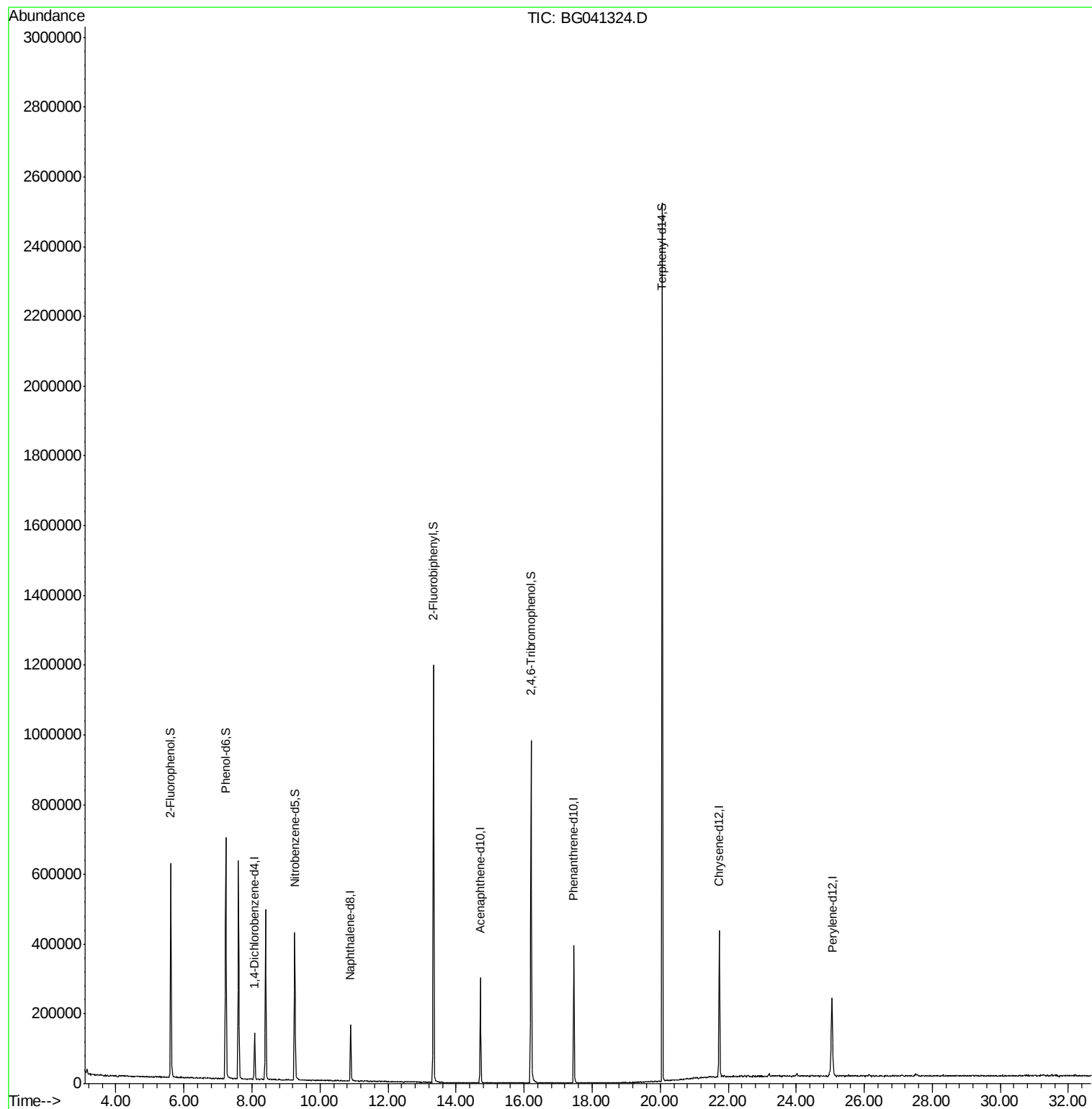
Target Compounds Qvalue

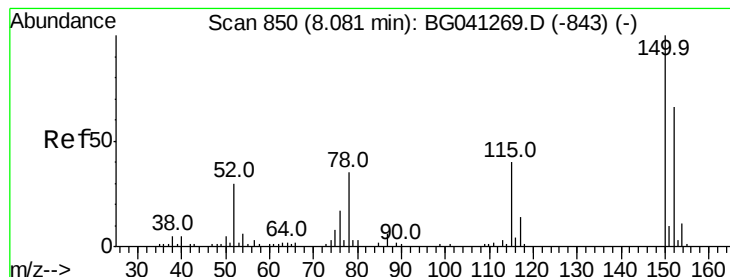
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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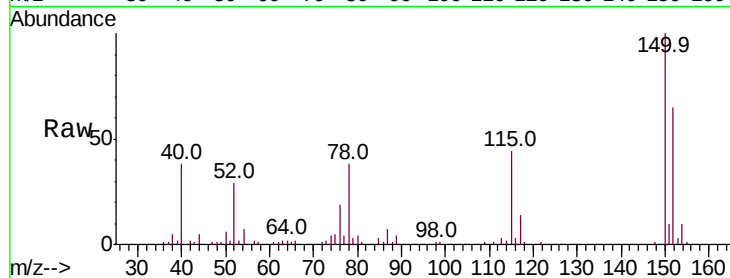


#1

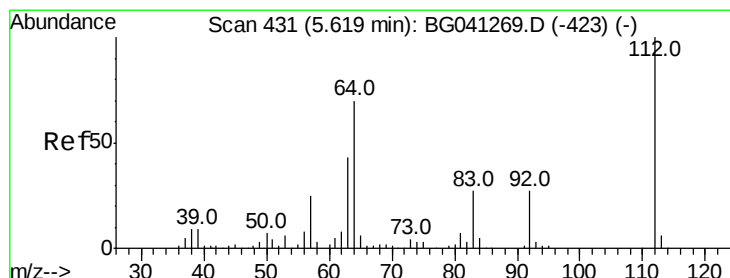
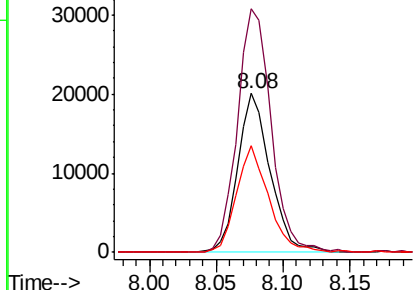
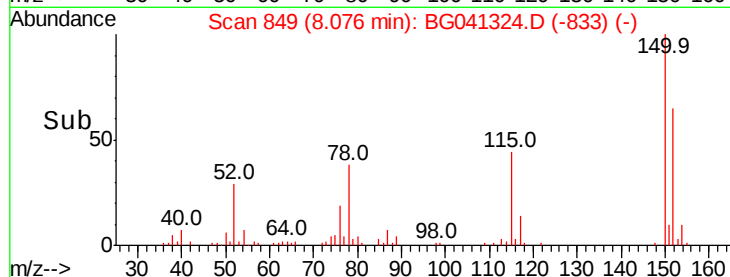
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.08 min Scan# 849
 Delta R.T. -0.00 min
 Lab File: BG041324.D
 Acq: 19 Jun 2019 12:31

Instrument :
 BNA_G
 ClientSampleId :
 PB120669TB

Tot Ion:152 Resp: 33729
 Ion Ratio Lower Upper
 152 100
 150 153.2 120.6 181.0
 115 67.0 47.9 71.9



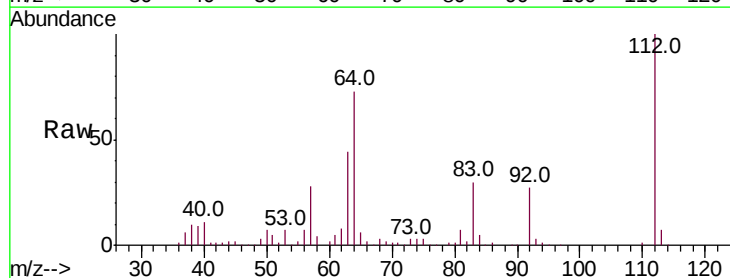
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



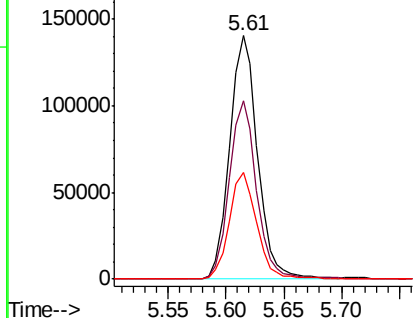
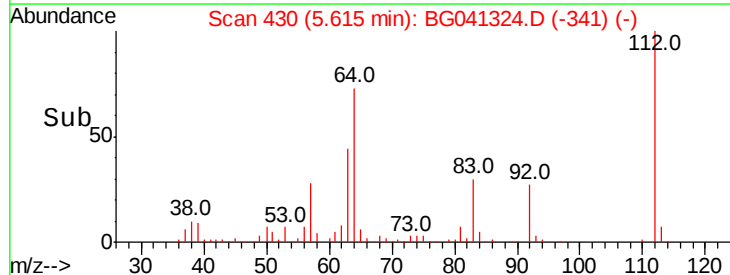
#5

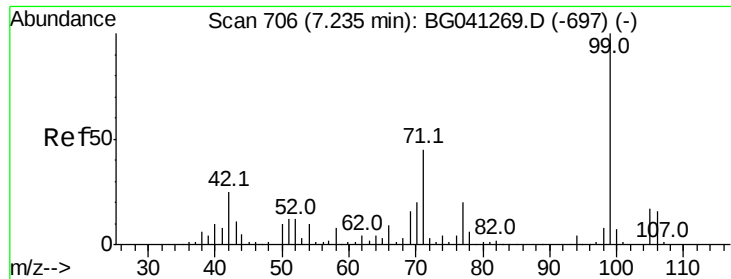
2-Fluorophenol
 Concen: 127.930 ng
 RT: 5.61 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: BG041324.D
 Acq: 19 Jun 2019 12:31

Tgt Ion:112 Resp: 234838
 Ion Ratio Lower Upper
 112 100
 64 73.5 55.9 83.9
 63 43.5 34.6 51.8



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: 131.964 ng

RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG041324.D

Acq: 19 Jun 2019 12:31

Instrument :

BNA_G

ClientSampled :

PB120669TB

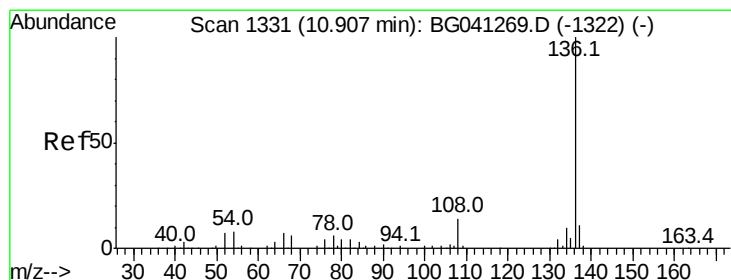
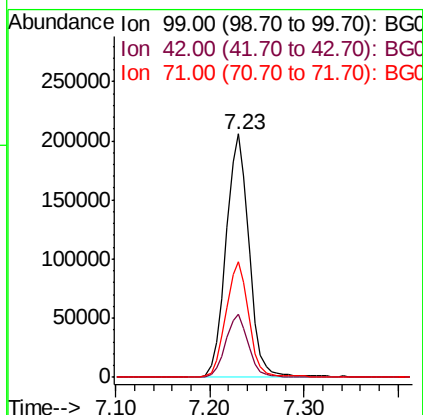
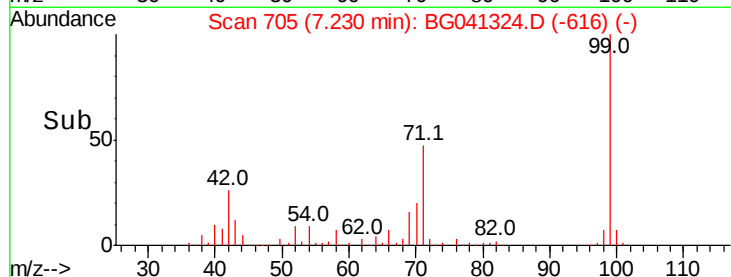
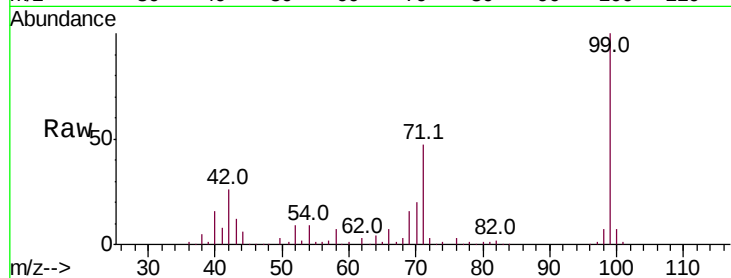
Tot Ion: 99 Resp: 351135

Ion Ratio Lower Upper

99 100

42 26.1 19.9 29.9

71 47.3 36.4 54.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.90 min Scan# 1330

Delta R.T. -0.00 min

Lab File: BG041324.D

Acq: 19 Jun 2019 12:31

Tgt Ion: 136 Resp: 137804

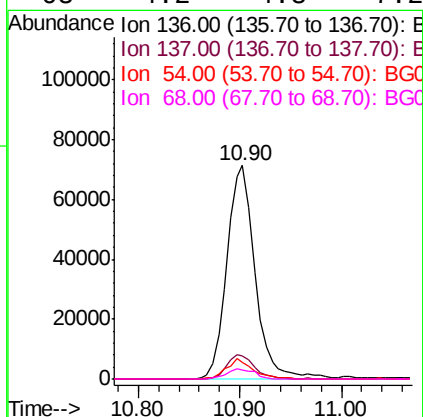
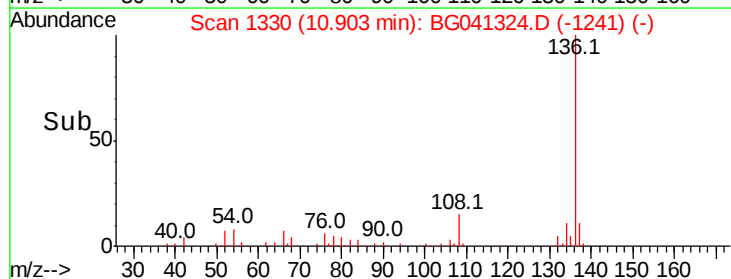
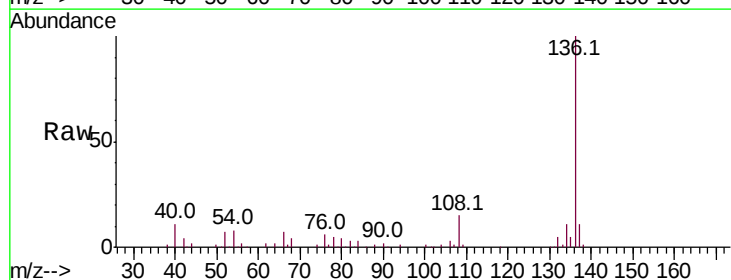
Ion Ratio Lower Upper

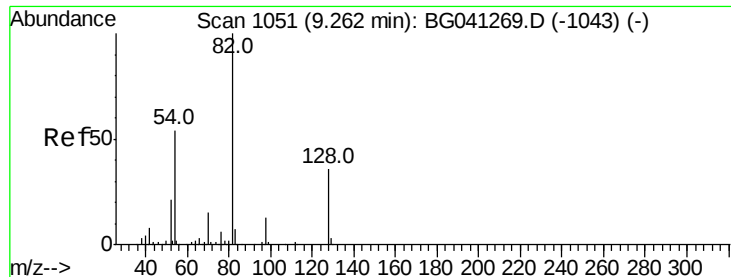
136 100

137 11.1 8.8 13.2

54 8.0 6.4 9.6

68 4.2 4.8 7.2#





#23

Nitrobenzene-d5

Concen: 77.680 ng

RT: 9.26 min Scan# 1050

Delta R.T. -0.00 min

Lab File: BG041324.D

Acq: 19 Jun 2019 12:31

Instrument :

BNA_G

ClientSampleId :

PB120669TB

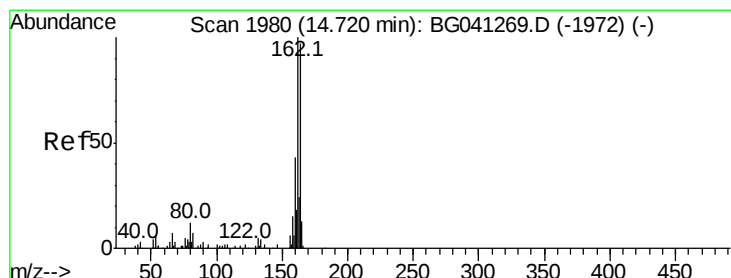
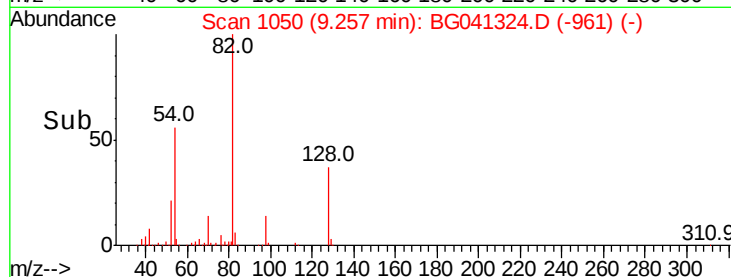
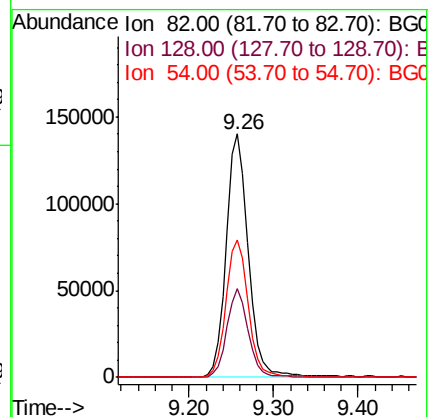
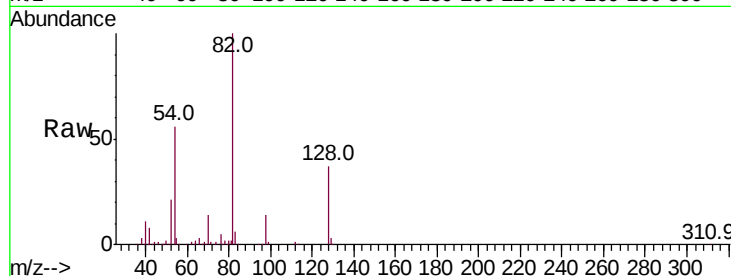
Tot Ion: 82 Resp: 254530

Ion Ratio Lower Upper

82 100

128 36.7 29.2 43.8

54 56.3 43.4 65.0



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG041324.D

Acq: 19 Jun 2019 12:31

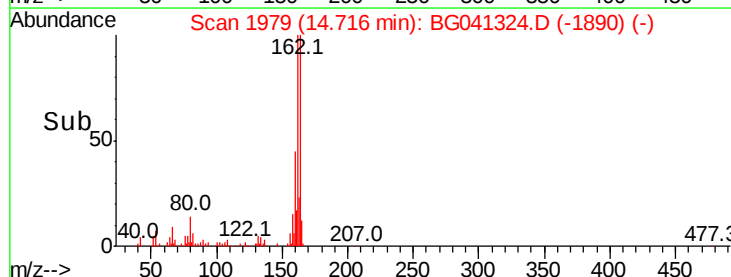
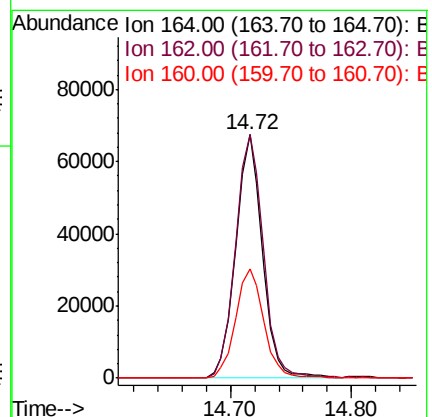
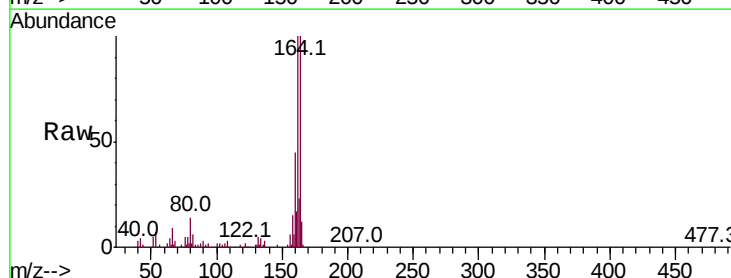
Tgt Ion: 164 Resp: 103795

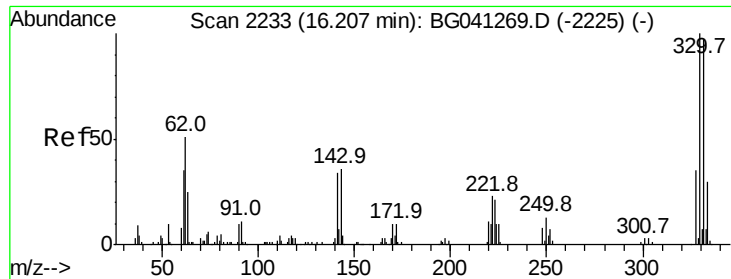
Ion Ratio Lower Upper

164 100

162 100.1 82.8 124.2

160 45.1 35.8 53.8





#42

2,4,6-Tribromophenol

Concen: 121.290 ng

RT: 16.21 min Scan# 2233

Delta R.T. 0.00 min

Lab File: BG041324.D

Acq: 19 Jun 2019 12:31

Instrument :

BNA_G

ClientSampleId :

PB120669TB

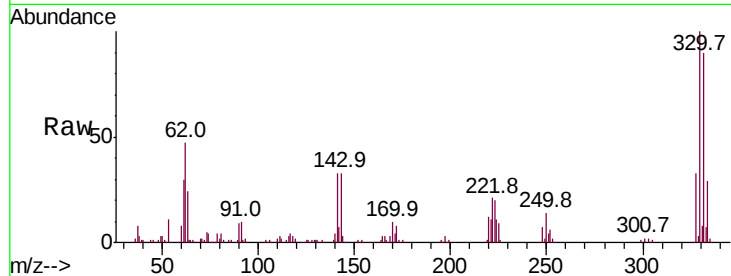
Tot Ion:330 Resp: 193274

Ion Ratio Lower Upper

330 100

332 95.9 75.5 113.3

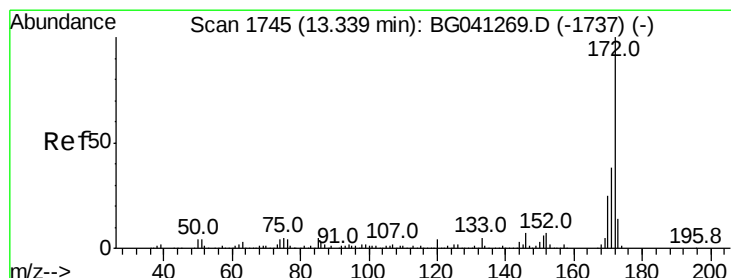
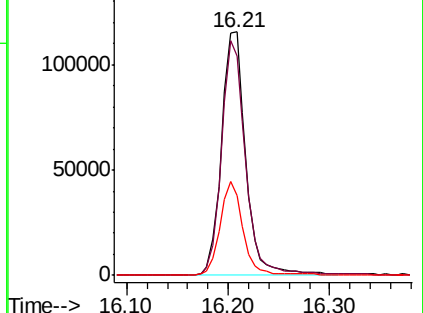
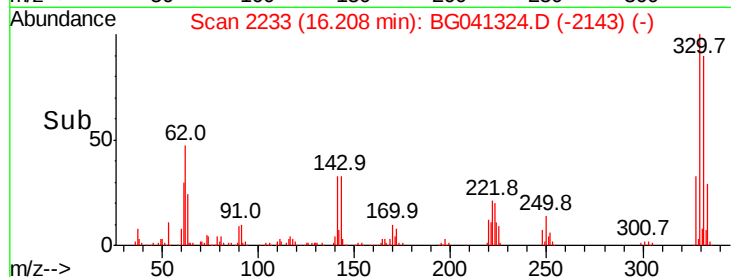
141 36.6 29.0 43.4



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: 79.731 ng

RT: 13.34 min Scan# 1744

Delta R.T. -0.00 min

Lab File: BG041324.D

Acq: 19 Jun 2019 12:31

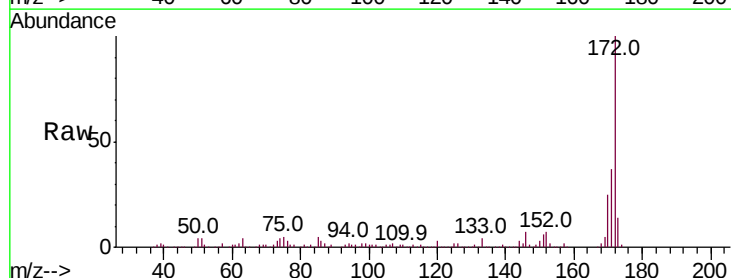
Tgt Ion:172 Resp: 608882

Ion Ratio Lower Upper

172 100

171 37.3 30.0 45.0

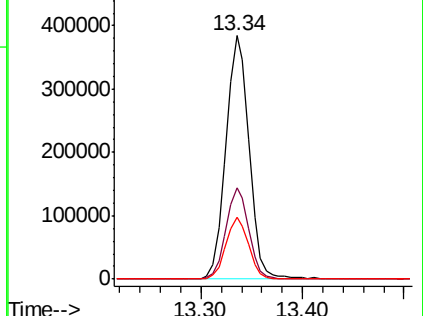
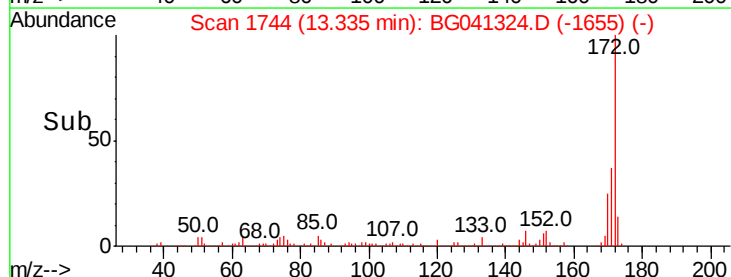
170 25.2 19.8 29.6

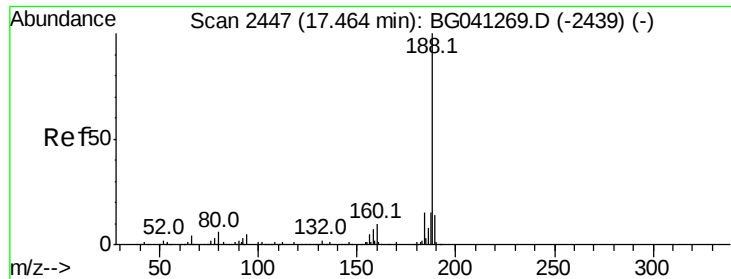


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.46 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BG041324.D

Acq: 19 Jun 2019 12:31

Instrument :

BNA_G

ClientSampleId :

PB120669TB

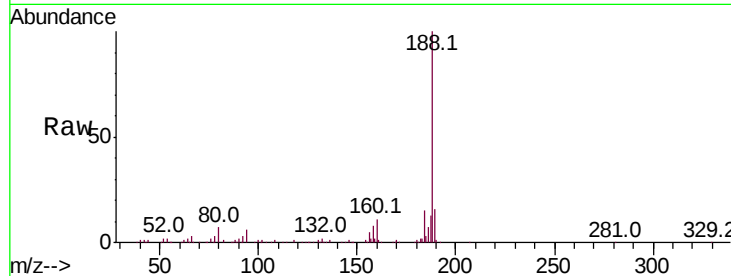
Tot Ion:188 Resp: 255603

Ion Ratio Lower Upper

188 100

94 5.9 3.6 5.4#

80 7.3 4.8 7.2#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG

17.46

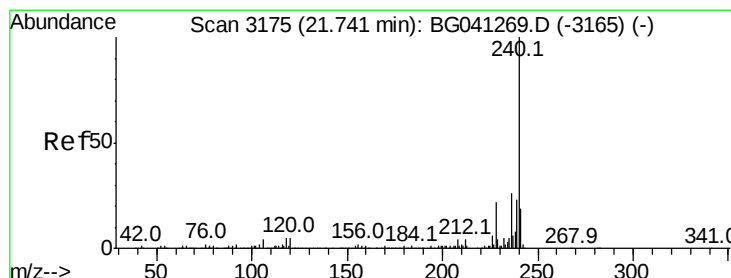
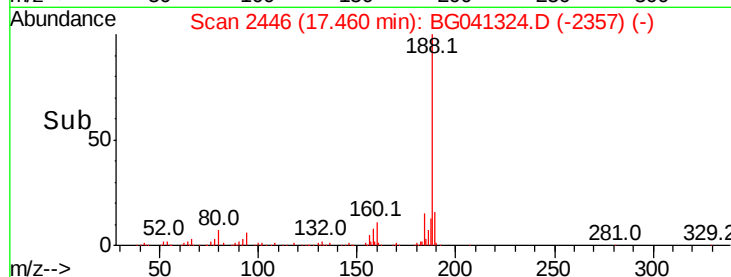
150000

100000

50000

0

Time-->



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.74 min Scan# 3174

Delta R.T. -0.00 min

Lab File: BG041324.D

Acq: 19 Jun 2019 12:31

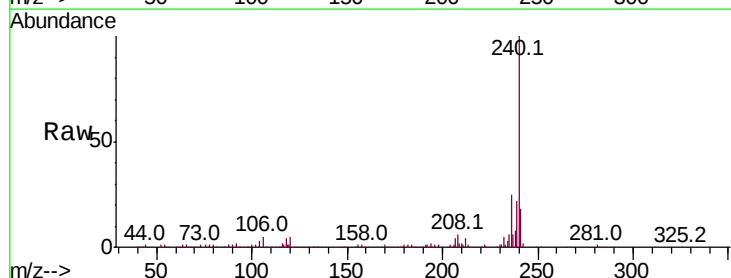
Tgt Ion:240 Resp: 262272

Ion Ratio Lower Upper

240 100

120 4.6 3.7 5.5

236 24.8 21.1 31.7



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

21.74

200000

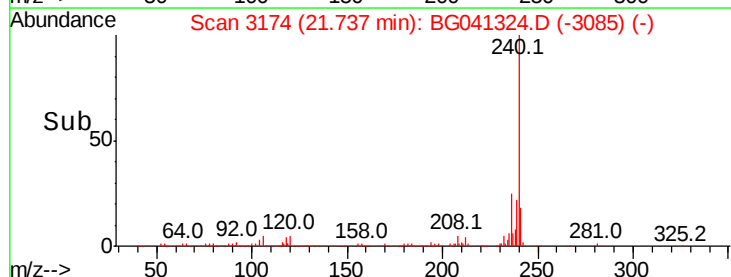
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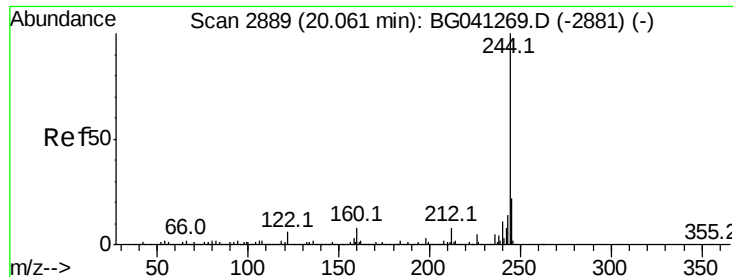
100000

50000

0

Time-->





#79

Terphenyl-d14

Concen: 87.544 ng

RT: 20.06 min Scan# 2888

Delta R.T. -0.00 min

Lab File: BG041324.D

Acq: 19 Jun 2019 12:31

Instrument :

BNA_G

ClientSampleId :

PB120669TB

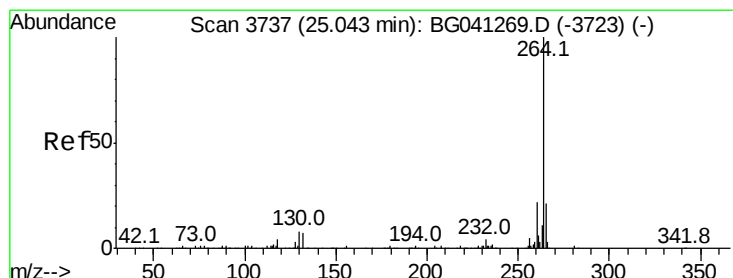
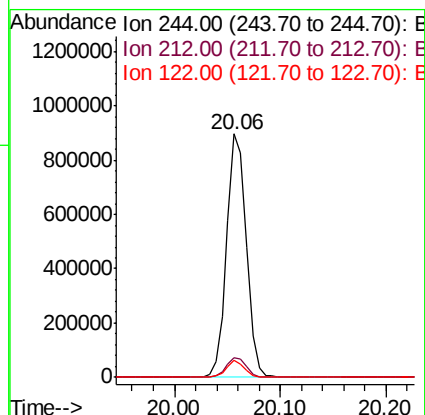
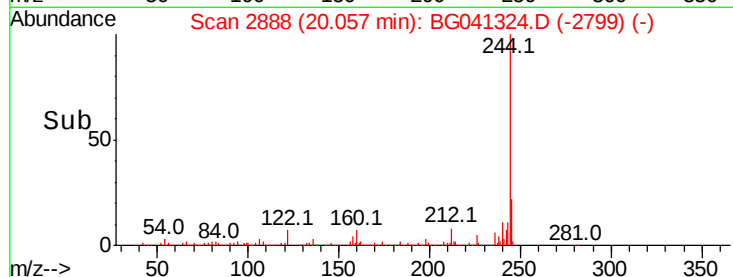
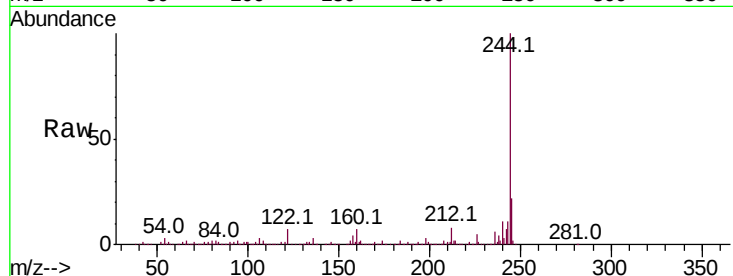
Tot Ion:244 Resp: 1158559

Ion Ratio Lower Upper

244 100

212 8.3 6.6 10.0

122 6.9 5.0 7.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.04 min Scan# 3737

Delta R.T. 0.00 min

Lab File: BG041324.D

Acq: 19 Jun 2019 12:31

Tgt Ion:264 Resp: 276193

Ion Ratio Lower Upper

264 100

260 22.7 17.4 26.2

265 21.8 17.2 25.8

