

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
 Data File : BG046001.D
 Acq On : 10 Jul 2020 10:59
 Operator : CG/JU
 Sample : PB130037TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130037TB

Quant Time: Jul 10 13:08:34 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 07 09:58:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	169908	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	690497	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	412986	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	834867	20.00	ng	0.00
76) Chrysene-d12	21.63	240	759797	20.00	ng	0.00
86) Perylene-d12	24.78	264	741668	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1220587	116.50	ng	0.00
7) Phenol-d6	7.16	99	1689776	112.02	ng	0.00
23) Nitrobenzene-d5	9.16	82	1160012	96.70	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	462153	120.57	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2153950	81.35	ng	0.00
79) Terphenyl-d14	19.99	244	2802300	82.08	ng	0.00

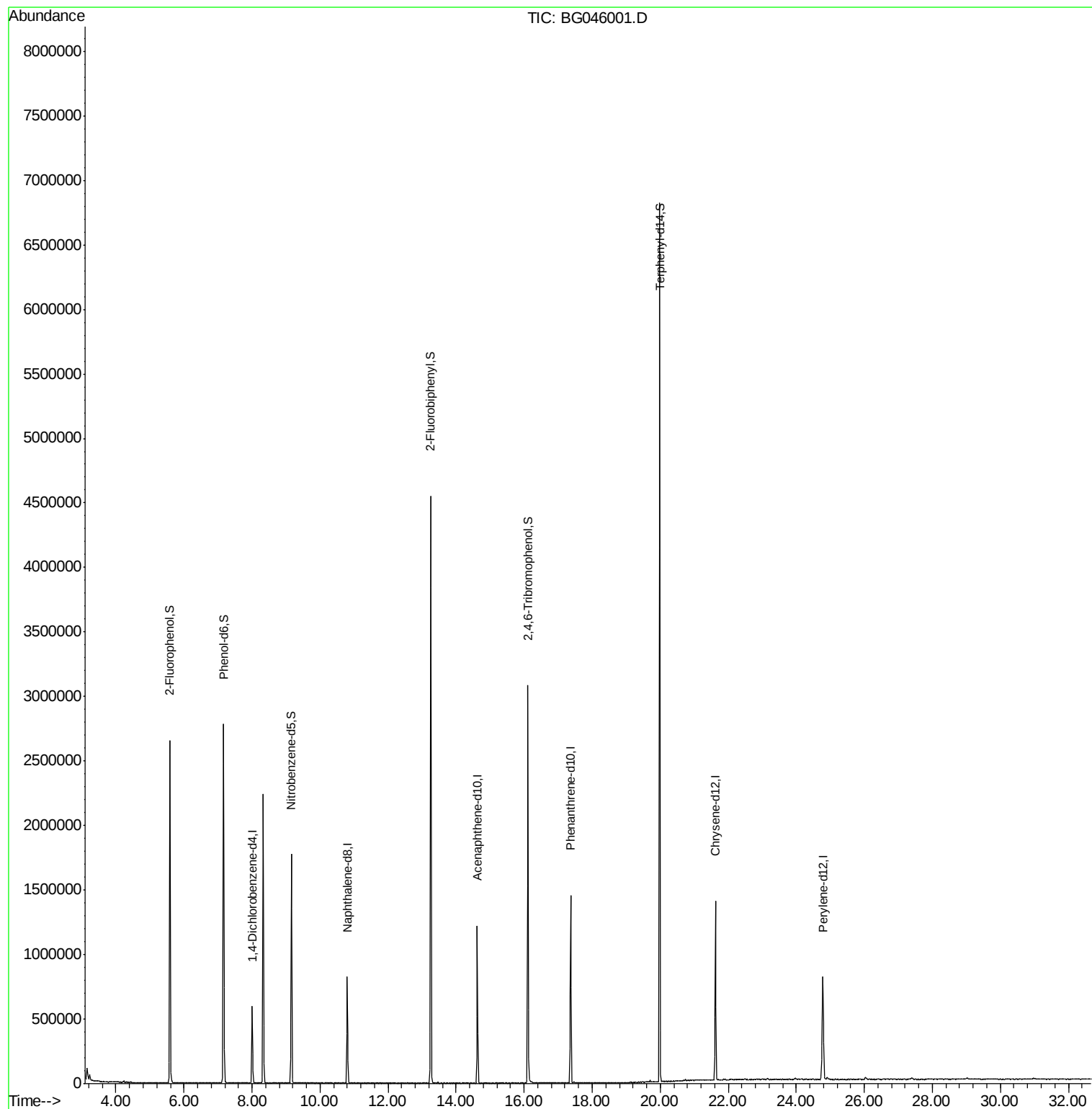
Target Compounds Qvalue

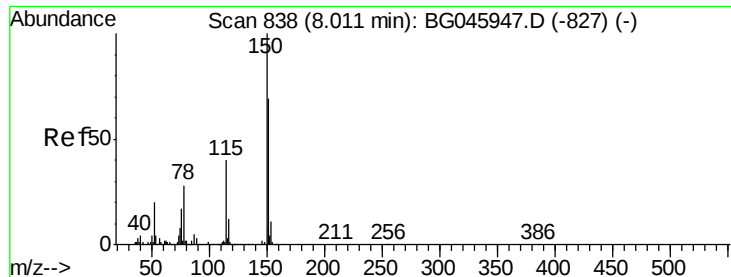
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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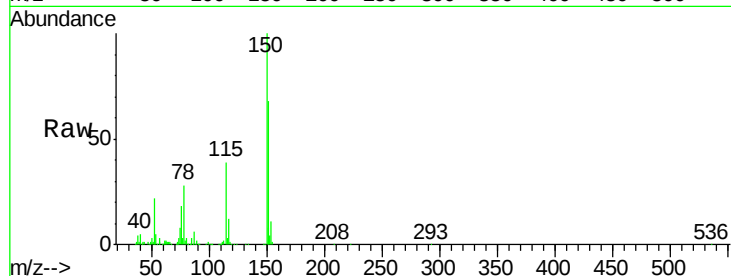


#1

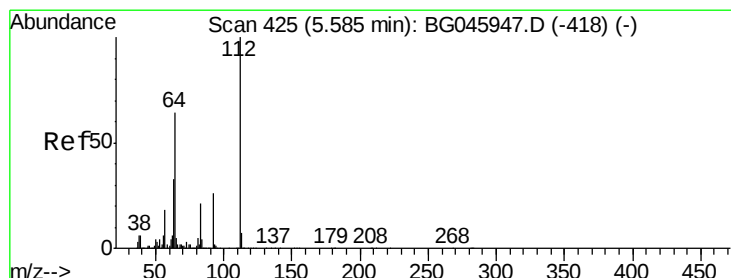
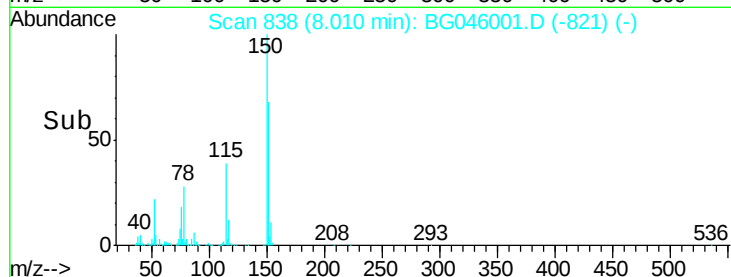
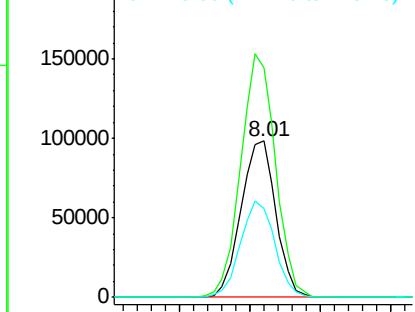
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Instrument :
BNA_G
ClientSampleId :
PB130037TB

Tot Ion:152 Resp: 169908
Ion Ratio Lower Upper
152 100
150 146.7 116.7 175.1
115 56.8 47.4 71.0



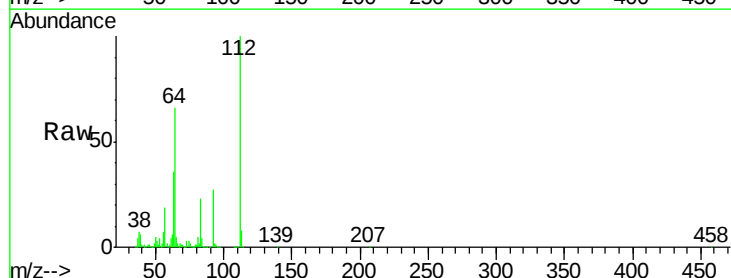
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



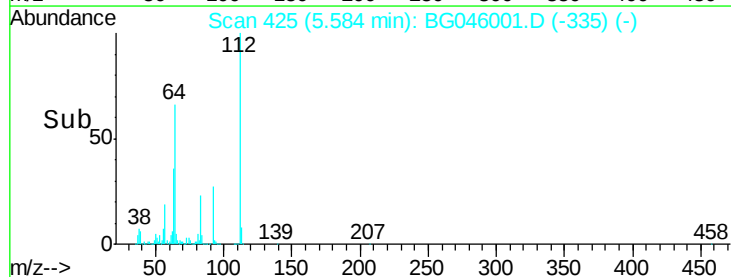
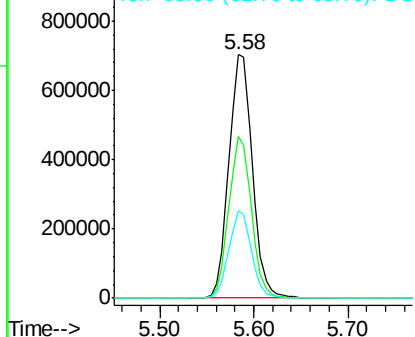
#5

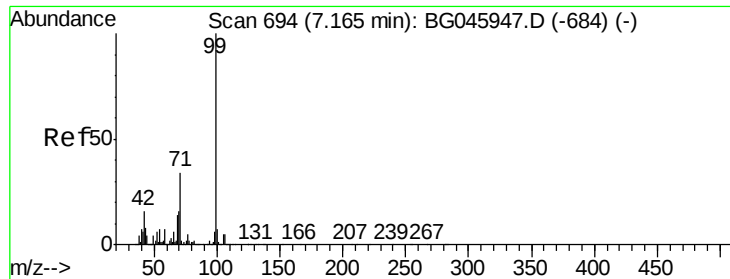
2-Fluorophenol
Concen: 116.497 ng
RT: 5.58 min Scan# 425
Delta R.T. -0.00 min
Lab File: BG046001.D
Acq: 10 Jul 2020 10:59

Tgt Ion:112 Resp: 1220587
Ion Ratio Lower Upper
112 100
64 66.5 51.4 77.2
63 35.9 26.6 40.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 112.021 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG046001.D

Acq: 10 Jul 2020 10:59

Instrument :

BNA_G

ClientSampleId :

PB130037TB

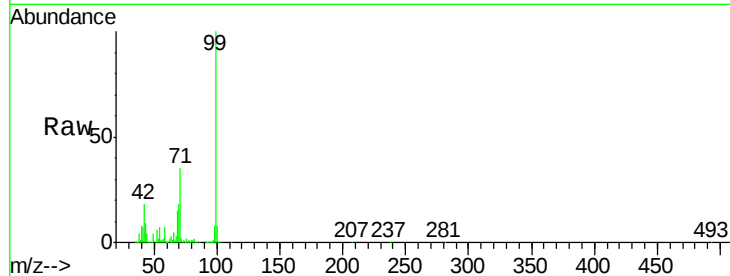
Tot Ion: 99 Resp: 1689776

Ion Ratio Lower Upper

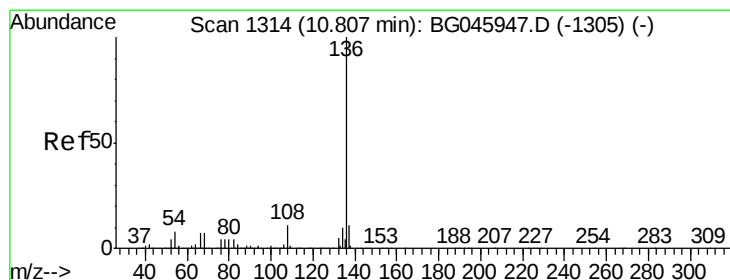
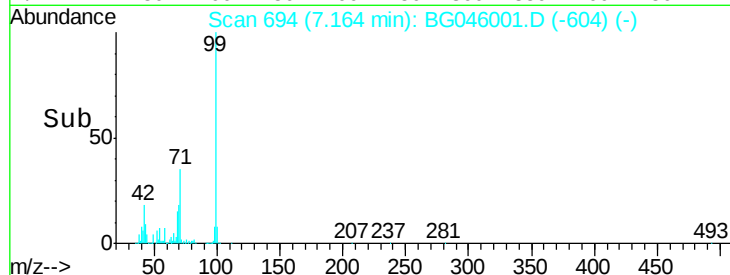
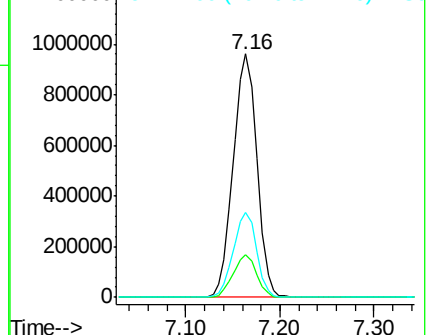
99 100

42 17.8 13.0 19.4

71 34.7 27.5 41.3



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: 10.81 min Scan# 1314

Delta R.T. -0.00 min

Lab File: BG046001.D

Acq: 10 Jul 2020 10:59

Tgt Ion: 136 Resp: 690497

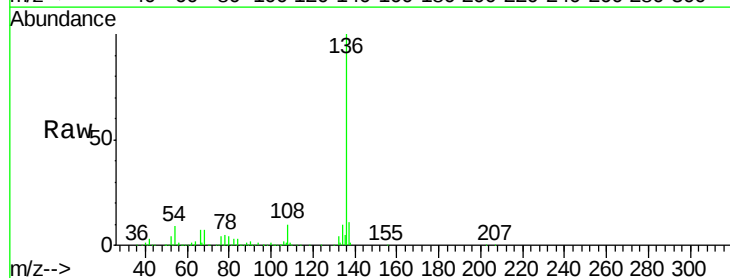
Ion Ratio Lower Upper

136 100

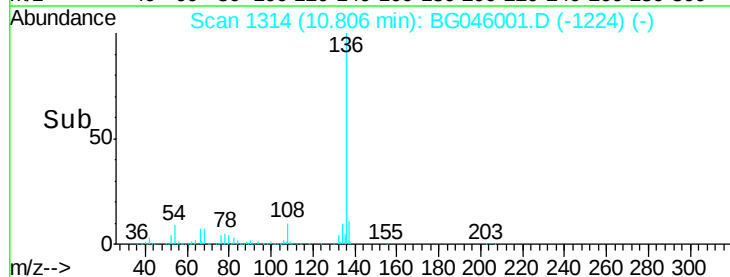
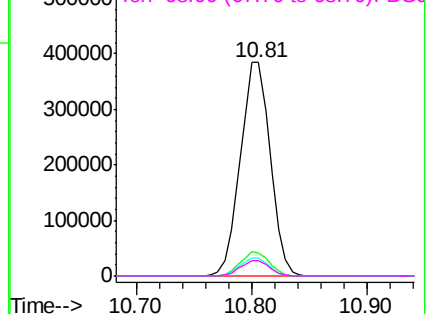
137 10.9 9.2 13.8

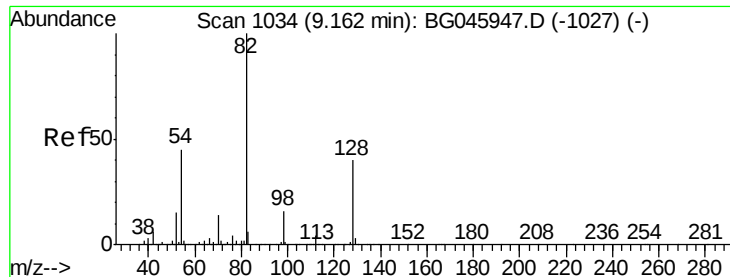
54 8.6 6.2 9.4

68 7.3 5.8 8.8



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: 96.695 ng

RT: 9.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BG046001.D

Acq: 10 Jul 2020 10:59

Instrument :

BNA_G

ClientSampleId :

PB130037TB

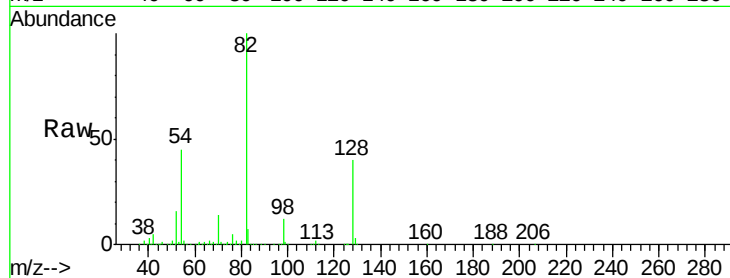
Tot Ion: 82 Resp: 1160012

Ion Ratio Lower Upper

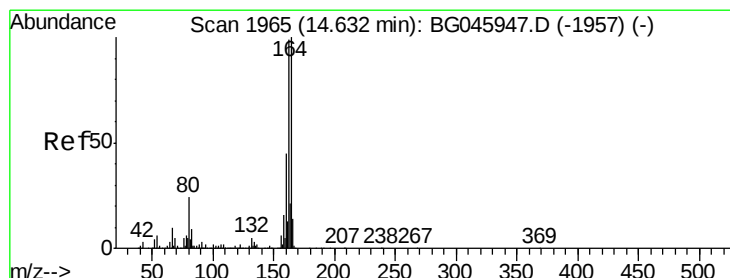
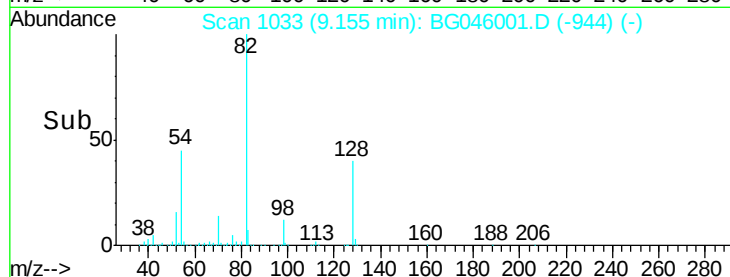
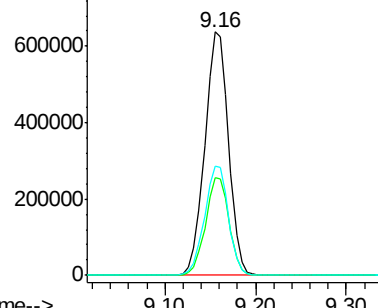
82 100

128 40.4 32.2 48.4

54 44.7 35.8 53.6



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: 14.62 min Scan# 1964

Delta R.T. -0.01 min

Lab File: BG046001.D

Acq: 10 Jul 2020 10:59

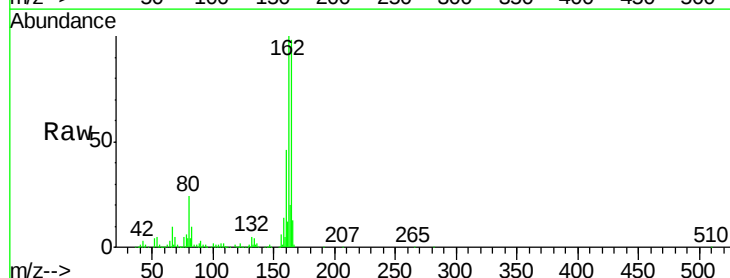
Tgt Ion: 164 Resp: 412986

Ion Ratio Lower Upper

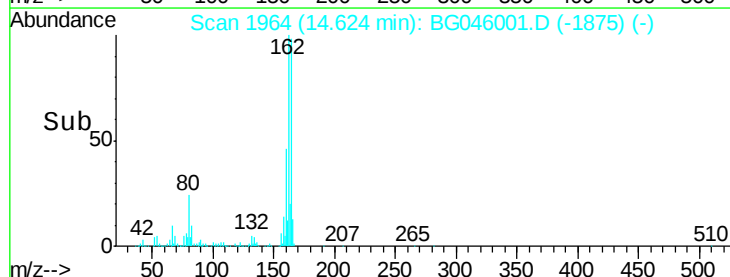
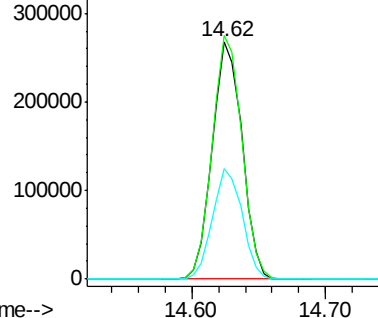
164 100

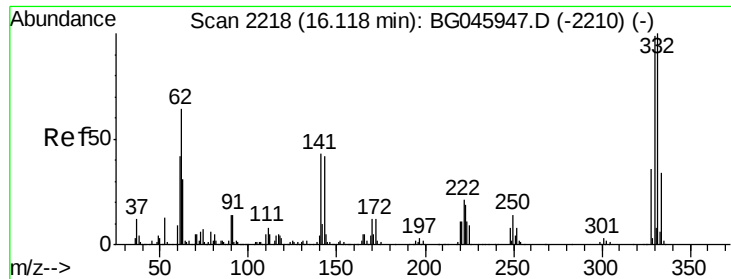
162 102.4 79.3 118.9

160 46.6 35.7 53.5



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: 120.574 ng

RT: 16.11 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BG046001.D

Acq: 10 Jul 2020 10:59

Instrument :

BNA_G

ClientSampleId :

PB130037TB

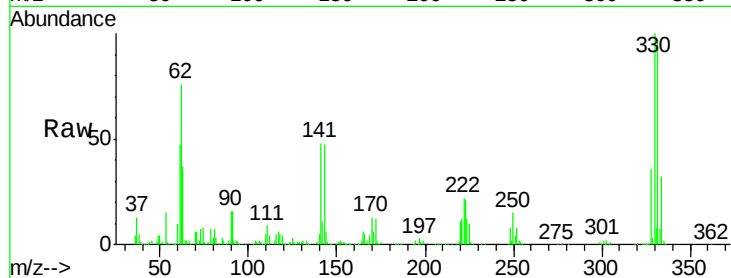
Tot Ion:330 Resp: 462153

Ion Ratio Lower Upper

330 100

332 97.4 78.3 117.5

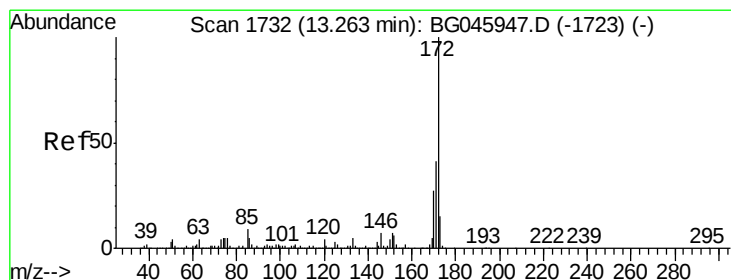
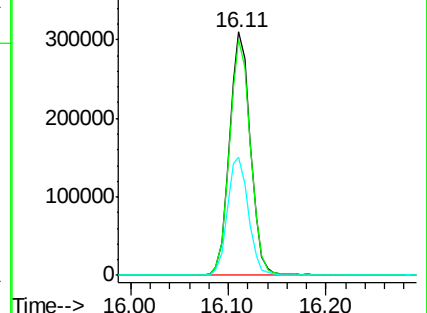
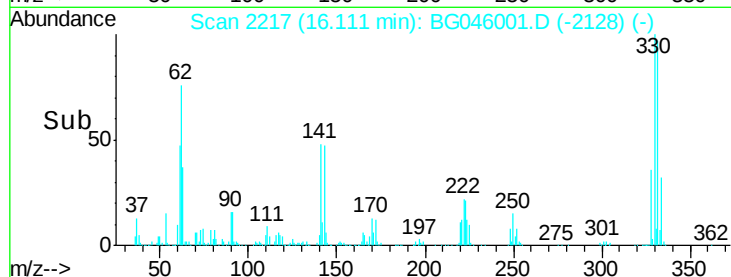
141 48.0 36.6 54.8



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: 81.353 ng

RT: 13.26 min Scan# 1731

Delta R.T. -0.01 min

Lab File: BG046001.D

Acq: 10 Jul 2020 10:59

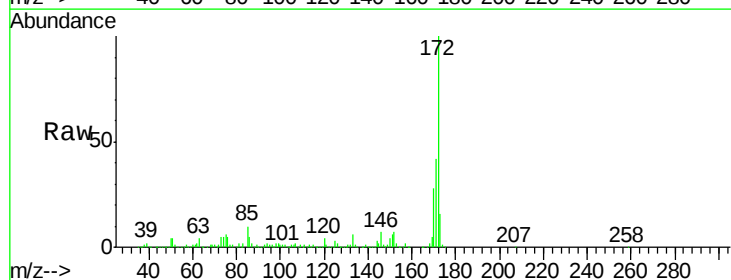
Tgt Ion:172 Resp: 2153950

Ion Ratio Lower Upper

172 100

171 42.2 32.9 49.3

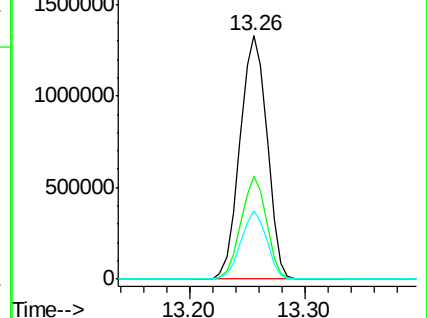
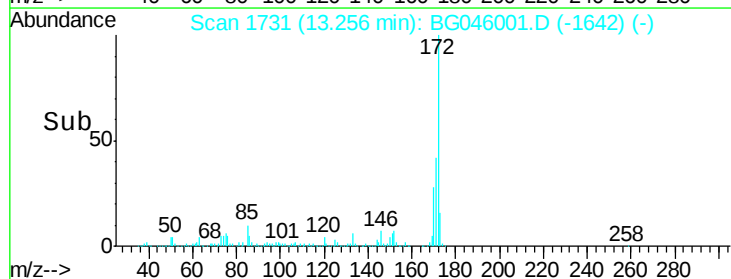
170 28.2 21.8 32.6

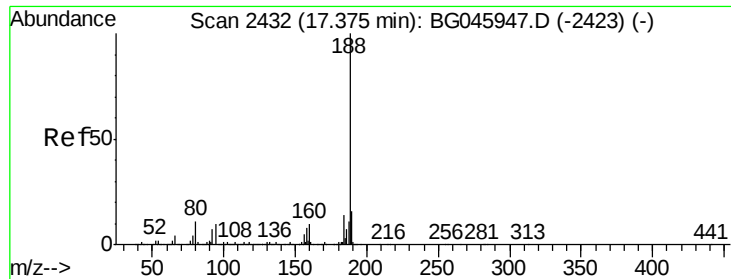


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.37 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG046001.D

Acq: 10 Jul 2020 10:59

Instrument :

BNA_G

ClientSampleId :

PB130037TB

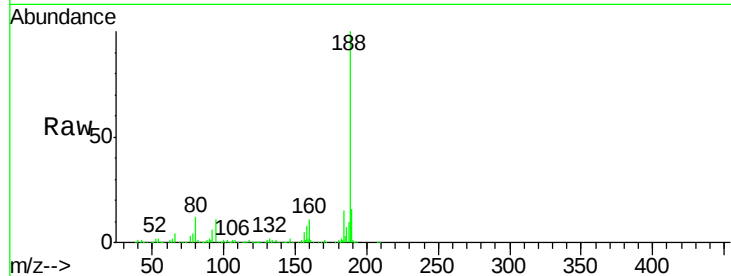
Tot Ion:188 Resp: 834867

Ion Ratio Lower Upper

188 100

94 10.6 8.2 12.4

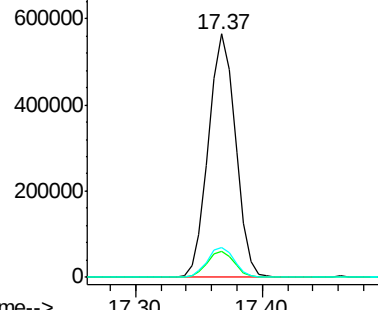
80 12.1 9.0 13.6



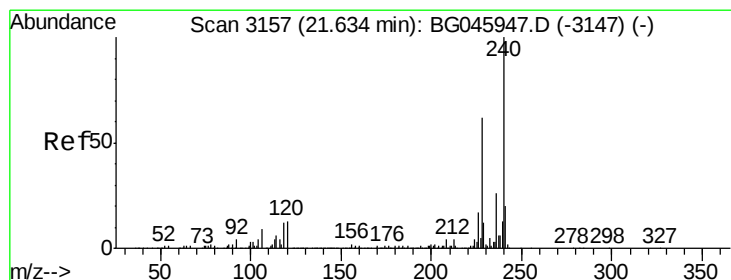
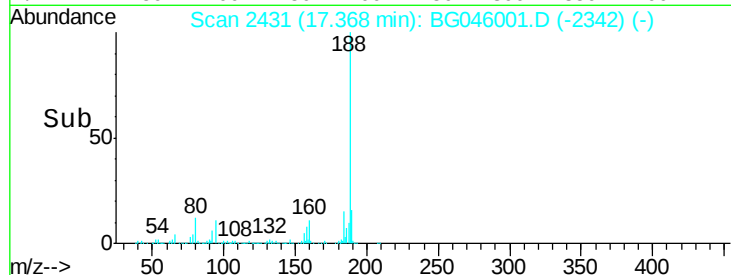
Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG046001.D

Acq: 10 Jul 2020 10:59

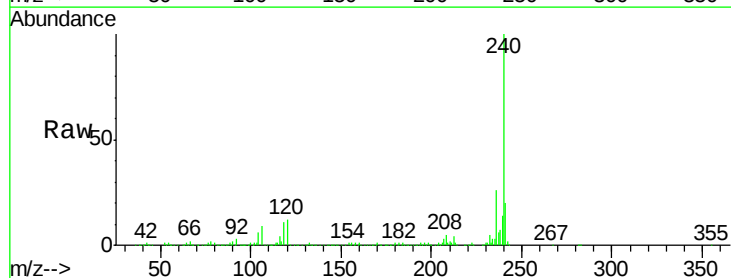
Tgt Ion:240 Resp: 759797

Ion Ratio Lower Upper

240 100

120 12.1 10.6 16.0

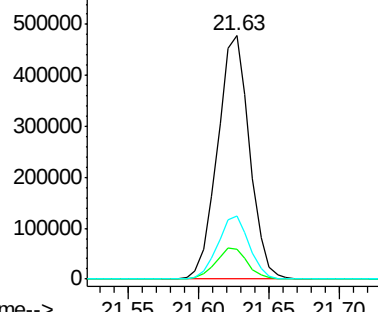
236 26.1 20.4 30.6



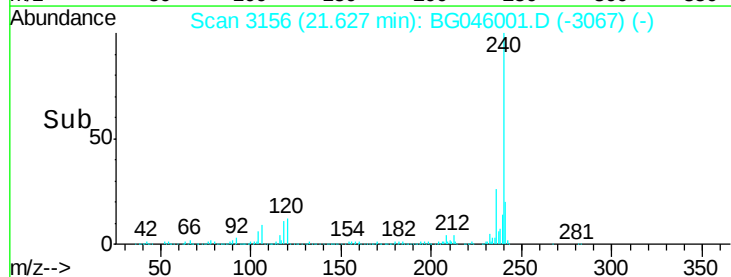
Abundance Ion 240.00 (239.70 to 240.70): E

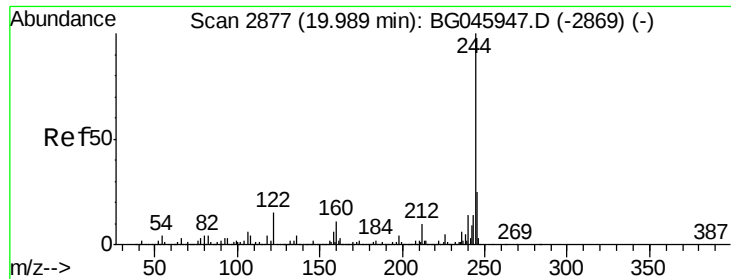
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->





#79

Terphenyl-d14

Concen: 82.082 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG046001.D

Acq: 10 Jul 2020 10:59

Instrument :

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ClientSampleId :

PB130037TB

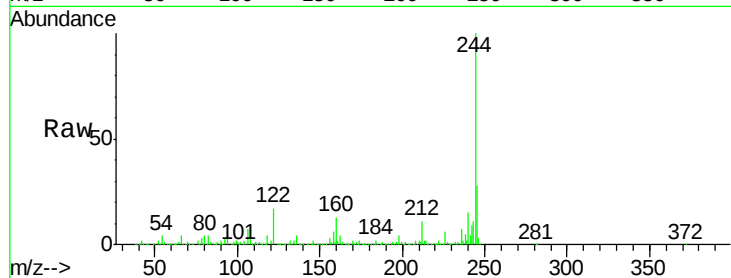
Tot Ion:244 Resp: 2802300

Ion Ratio Lower Upper

244 100

212 10.9 8.3 12.5

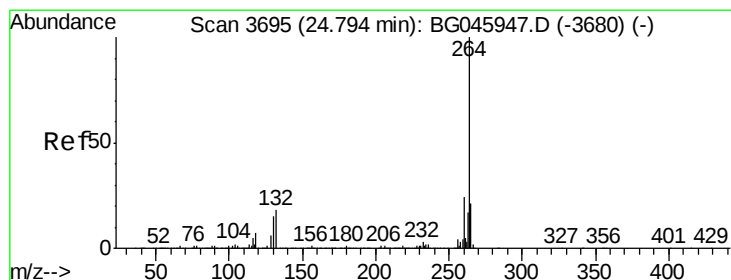
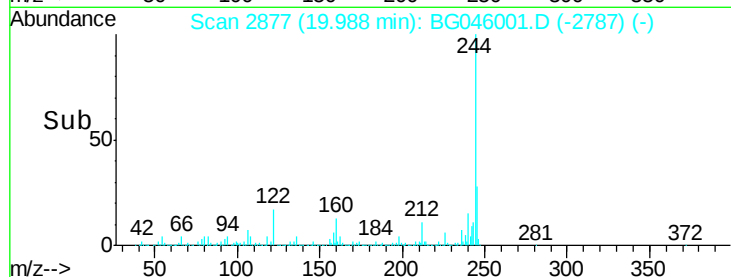
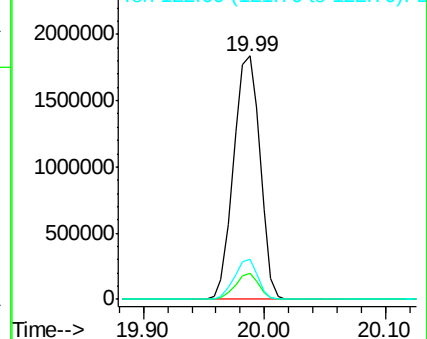
122 16.6 12.1 18.1



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.78 min Scan# 3693

Delta R.T. -0.01 min

Lab File: BG046001.D

Acq: 10 Jul 2020 10:59

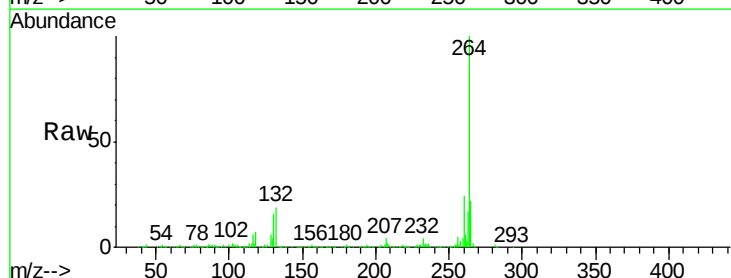
Tgt Ion:264 Resp: 741668

Ion Ratio Lower Upper

264 100

260 24.4 19.0 28.6

265 22.3 16.9 25.3



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

