

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
 Data File : BG046000.D
 Acq On : 10 Jul 2020 10:19
 Operator : CG/JU
 Sample : PB130037BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130037BL

Quant Time: Jul 10 11:25:44 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	170694	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	684173	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	409919	20.00	ng	0.00
64) Phenanthrene-d10	17.36	188	850508	20.00	ng	-0.01
76) Chrysene-d12	21.62	240	773768	20.00	ng	-0.01
86) Perylene-d12	24.78	264	760590	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	1211929	115.14	ng	0.00
7) Phenol-d6	7.16	99	1690928	111.58	ng	0.00
23) Nitrobenzene-d5	9.16	82	1172754	98.66	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	481646	126.60	ng	-0.01
45) 2-Fluorobiphenyl	13.25	172	2179619	82.94	ng	-0.01
79) Terphenyl-d14	19.98	244	2829208	81.37	ng	0.00

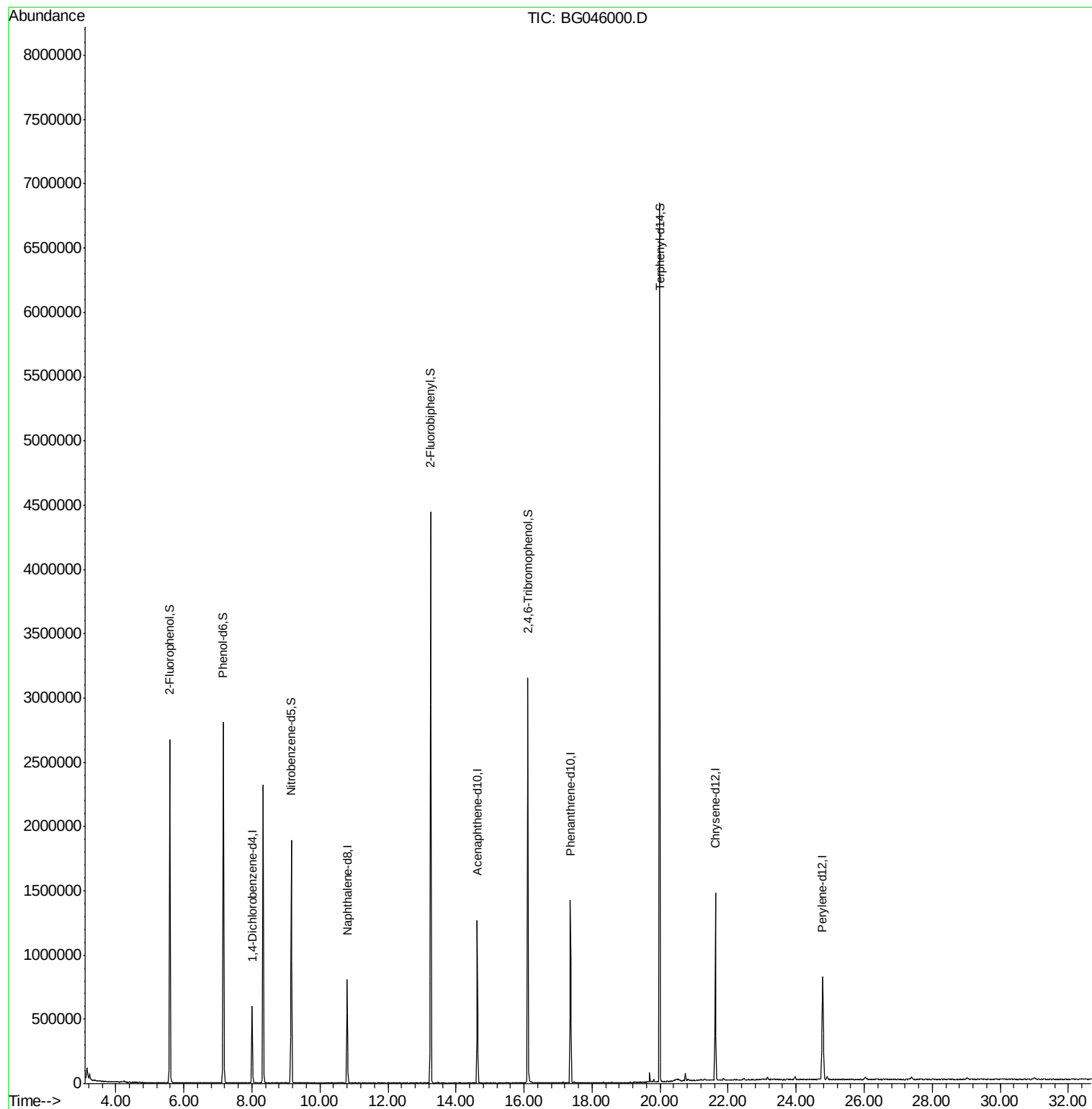
Target Compounds Qvalue

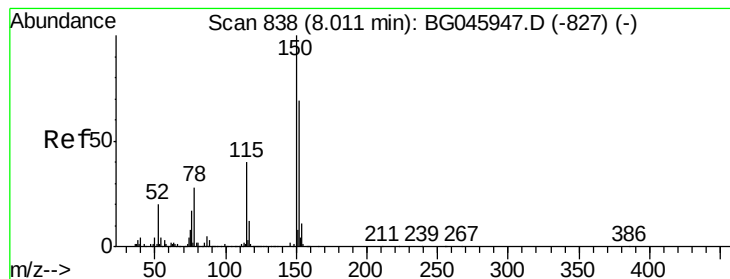
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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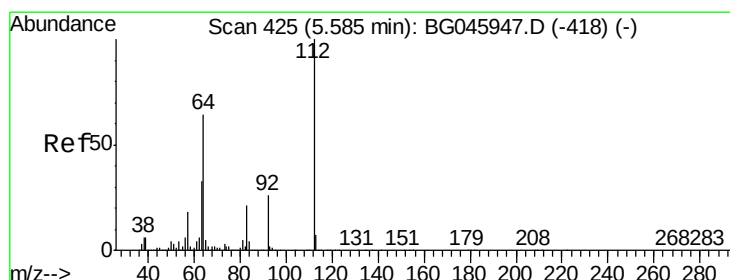
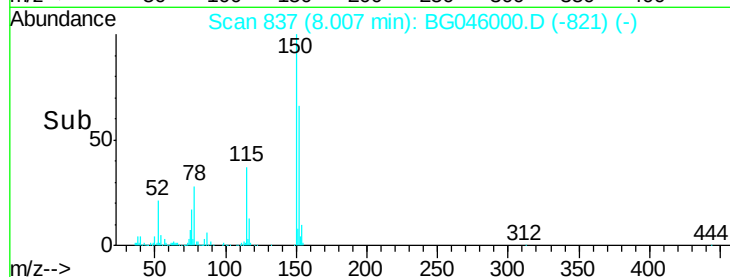
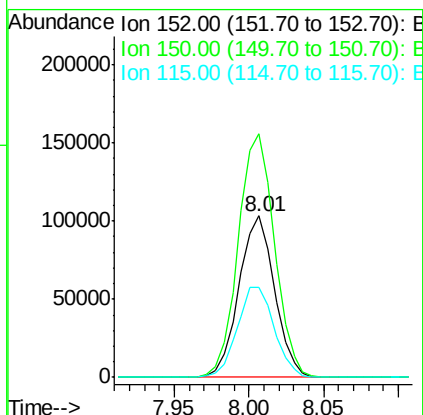
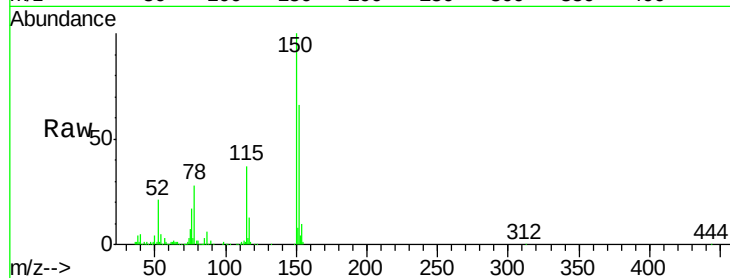


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.00 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Instrument :
BNA_G
ClientSampleId :
PB130037BL

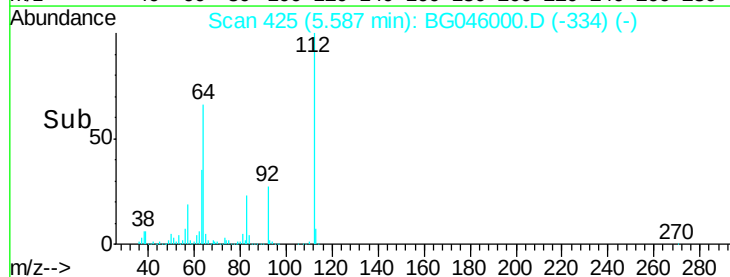
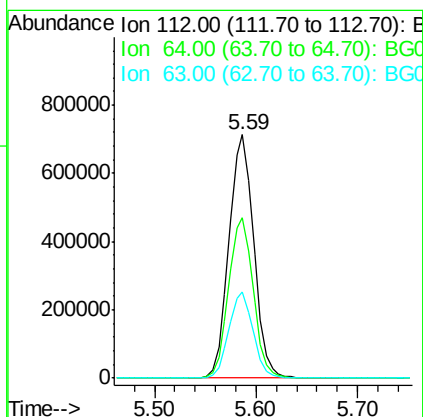
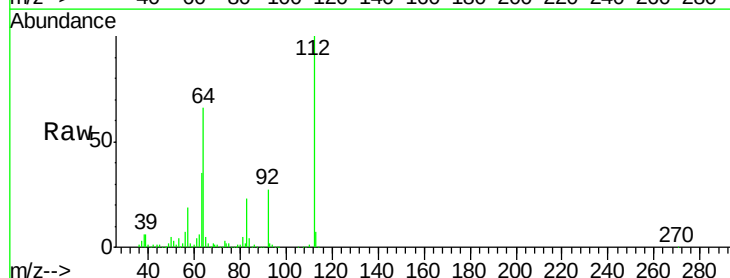
Tot Ion:152 Resp: 170694
Ion Ratio Lower Upper
152 100
150 151.1 116.7 175.1
115 55.5 47.4 71.0

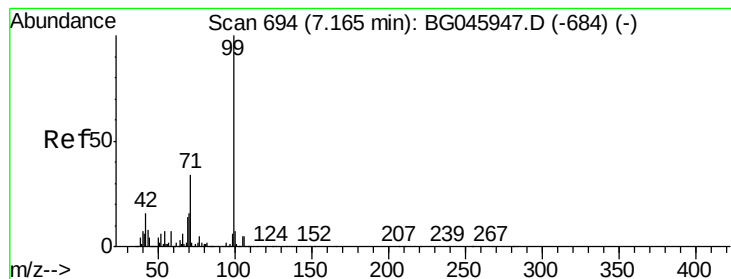


#5

2-Fluorophenol
Concen: 115.138 ng
RT: 5.59 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Tgt Ion:112 Resp: 1211929
Ion Ratio Lower Upper
112 100
64 66.1 51.4 77.2
63 35.3 26.6 40.0





#7

Phenol-d6

Concen: 111.582 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG046000.D

Acq: 10 Jul 2020 10:19

Instrument :

BNA_G

ClientSampleId :

PB130037BL

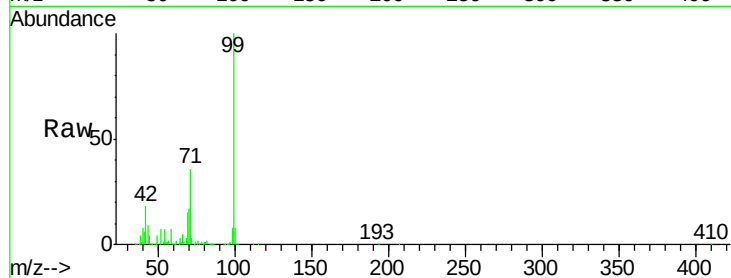
Tot Ion: 99 Resp: 1690928

Ion Ratio Lower Upper

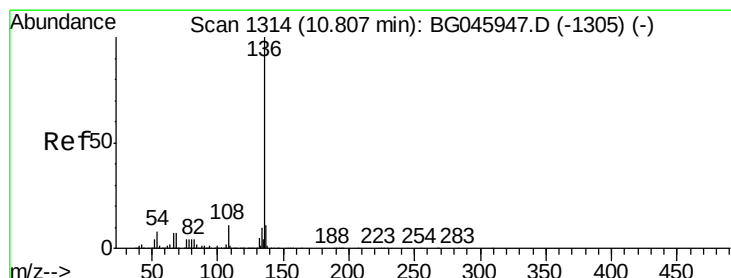
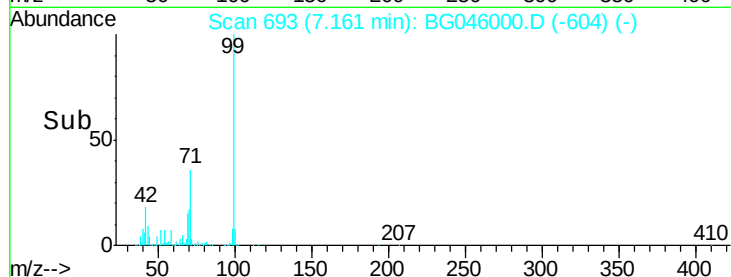
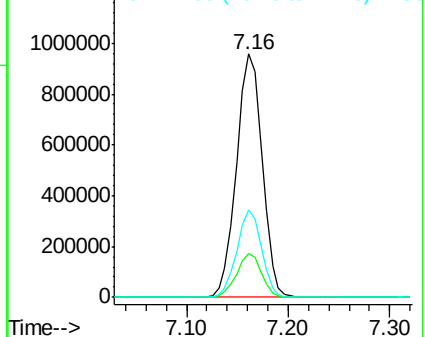
99 100

42 18.2 13.0 19.4

71 35.8 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: 10.80 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BG046000.D

Acq: 10 Jul 2020 10:19

Tgt Ion: 136 Resp: 684173

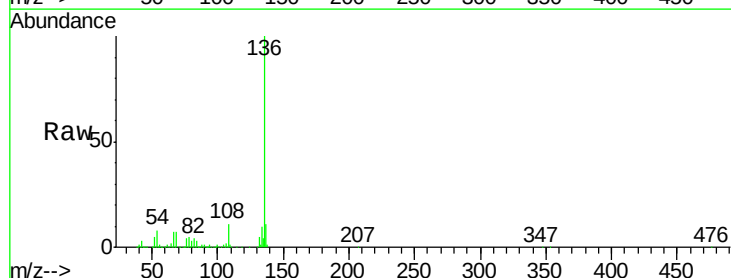
Ion Ratio Lower Upper

136 100

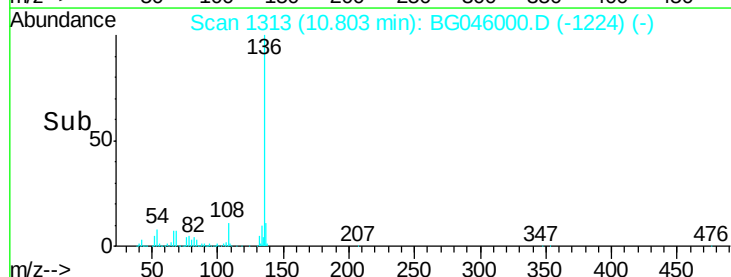
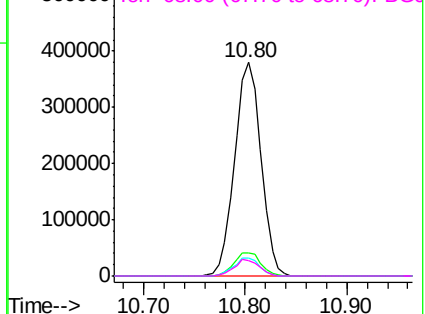
137 10.9 9.2 13.8

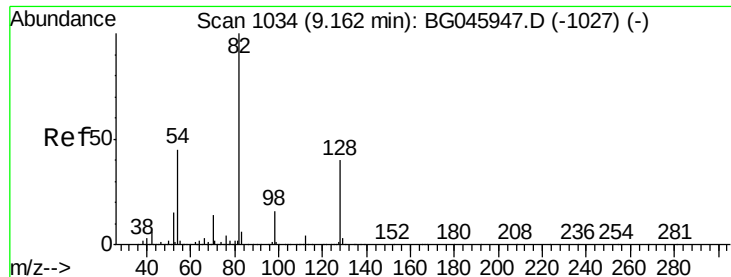
54 8.3 6.2 9.4

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

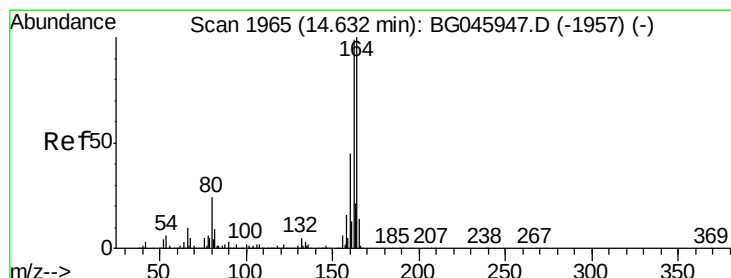
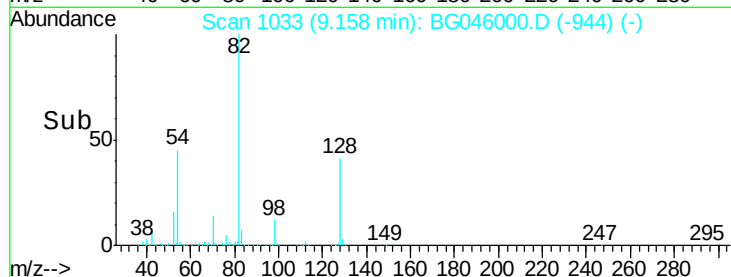
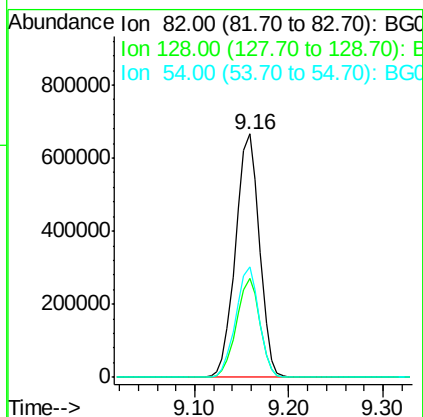
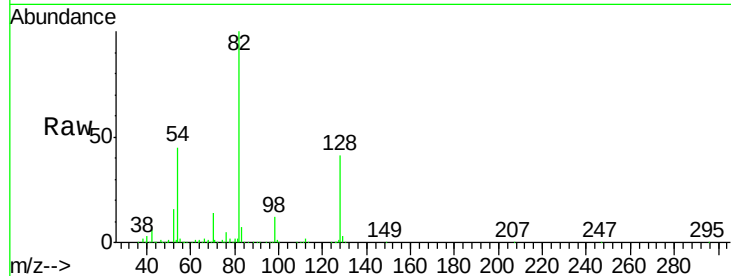




#23
Nitrobenzene-d5
Concen: 98.661 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

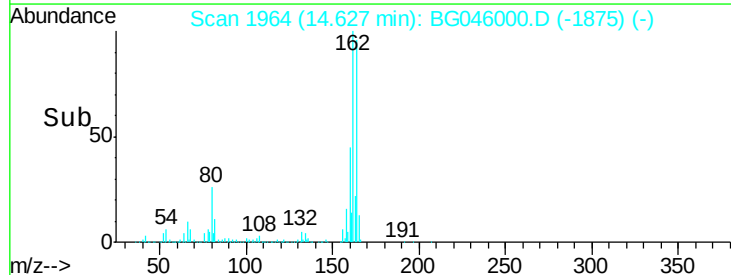
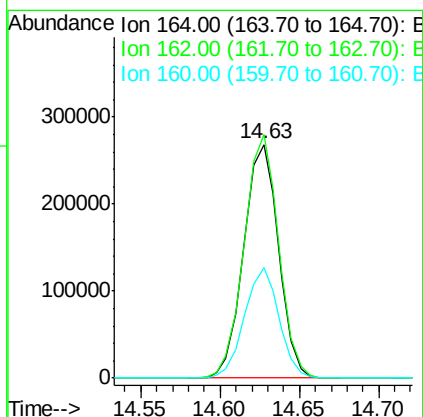
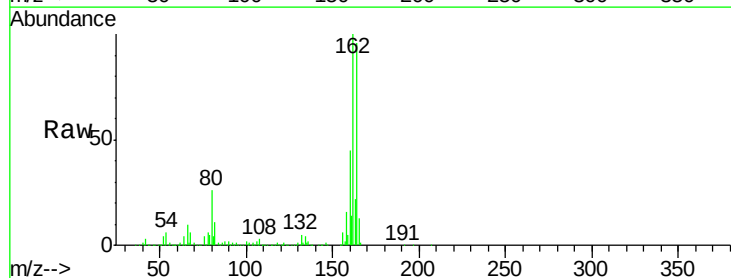
Instrument :
BNA_G
ClientSampleId :
PB130037BL

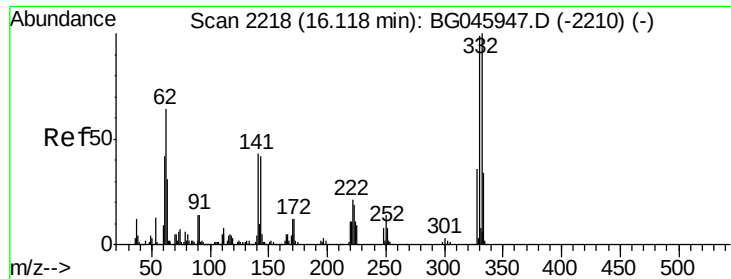
Tot Ion: 82 Resp: 1172754
Ion Ratio Lower Upper
82 100
128 40.7 32.2 48.4
54 45.4 35.8 53.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.00 min
Lab File: BG046000.D
Acq: 10 Jul 2020 10:19

Tgt Ion:164 Resp: 409919
Ion Ratio Lower Upper
164 100
162 104.2 79.3 118.9
160 47.1 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 126.600 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG046000.D

Acq: 10 Jul 2020 10:19

Instrument :

BNA_G

ClientSampleId :

PB130037BL

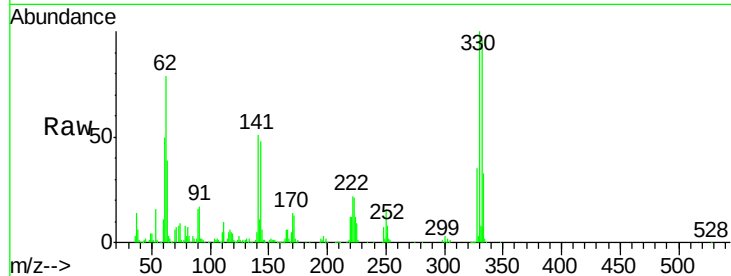
Tot Ion:330 Resp: 481646

Ion Ratio Lower Upper

330 100

332 96.6 78.3 117.5

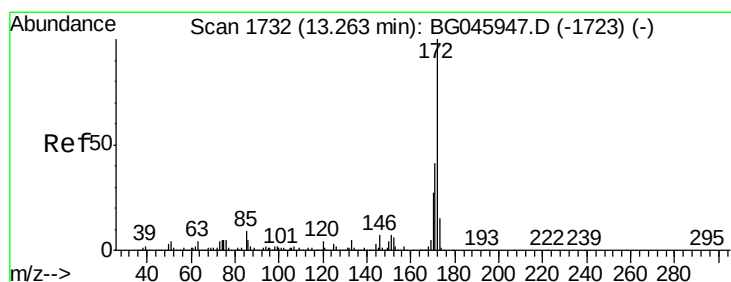
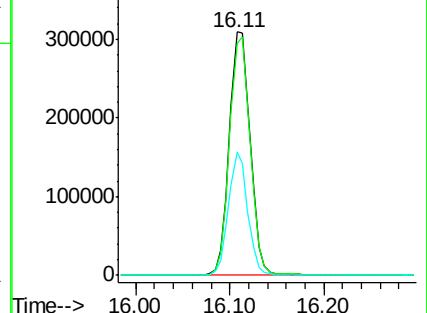
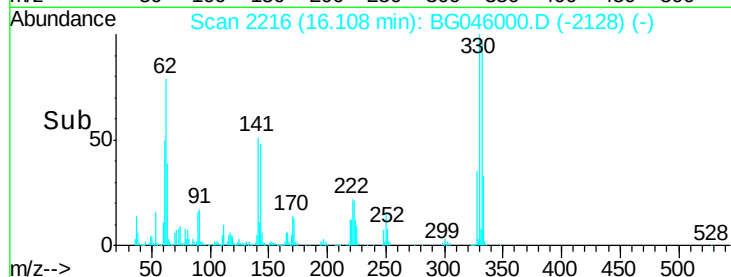
141 46.8 36.6 54.8



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: 82.939 ng

RT: 13.25 min Scan# 1730

Delta R.T. -0.01 min

Lab File: BG046000.D

Acq: 10 Jul 2020 10:19

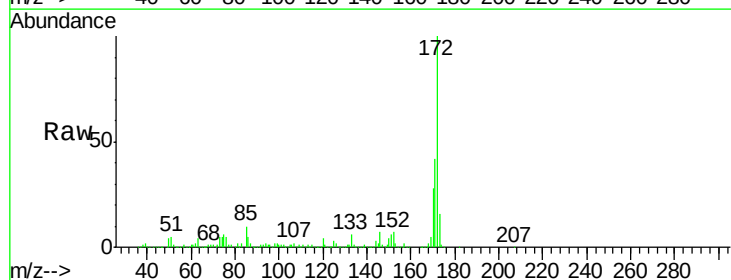
Tgt Ion:172 Resp: 2179619

Ion Ratio Lower Upper

172 100

171 41.8 32.9 49.3

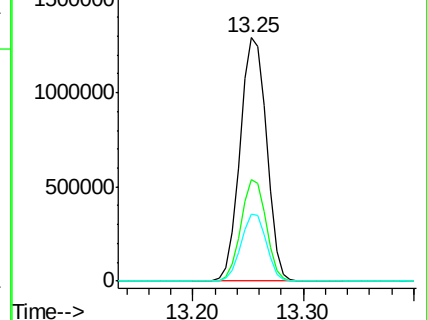
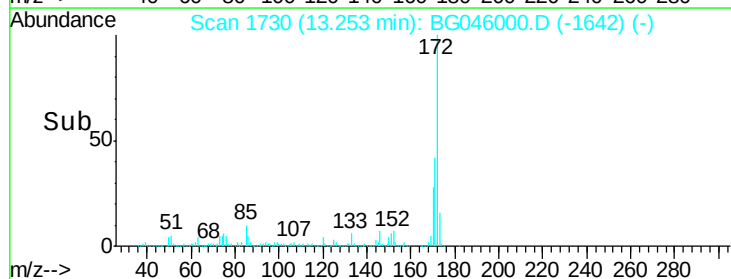
170 27.7 21.8 32.6

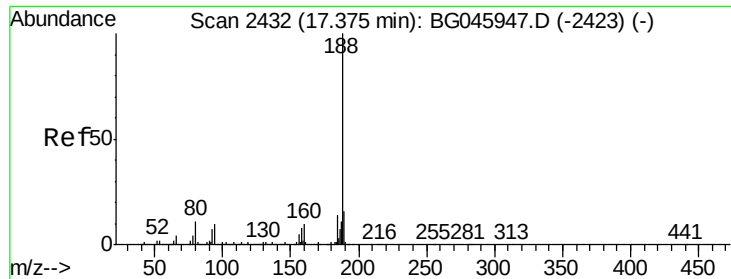


Abundance Ion 172.00 (171.70 to 172.70): E

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: 17.36 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG046000.D

Acq: 10 Jul 2020 10:19

Instrument :

BNA_G

ClientSampleId :

PB130037BL

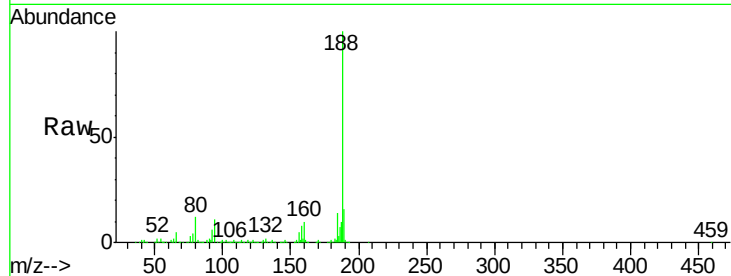
Tot Ion:188 Resp: 850508

Ion Ratio Lower Upper

188 100

94 11.1 8.2 12.4

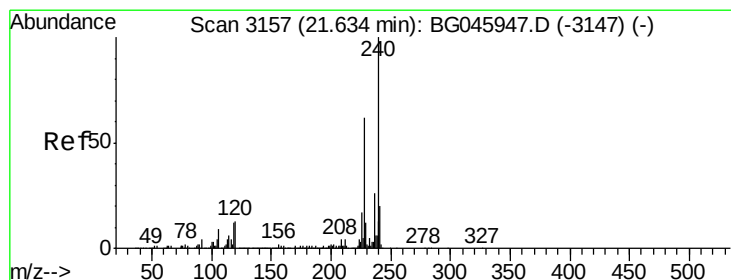
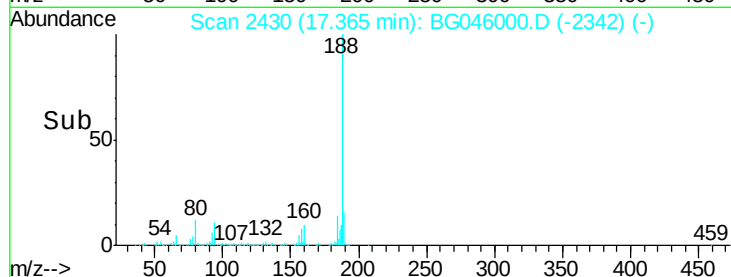
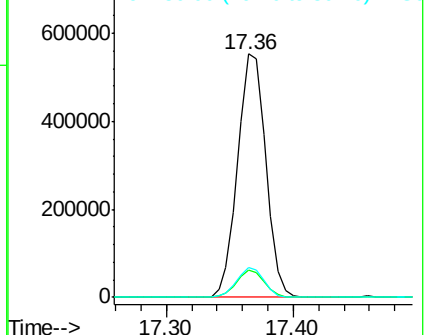
80 12.4 9.0 13.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG046000.D

Acq: 10 Jul 2020 10:19

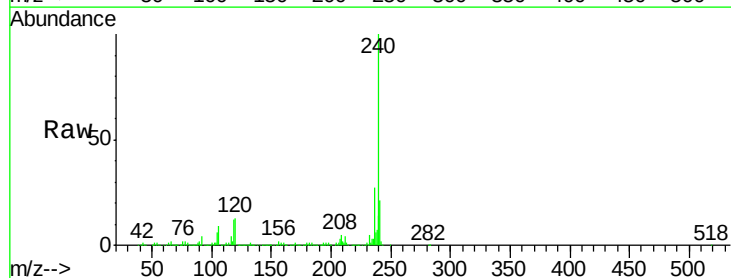
Tgt Ion:240 Resp: 773768

Ion Ratio Lower Upper

240 100

120 13.2 10.6 16.0

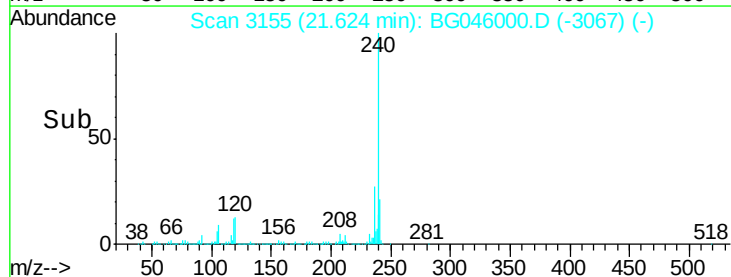
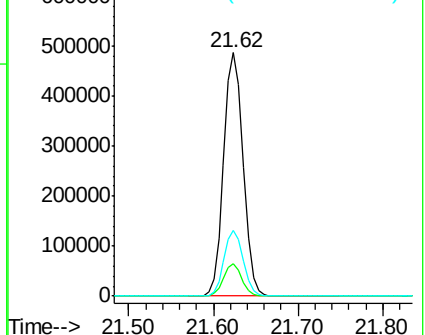
236 27.0 20.4 30.6

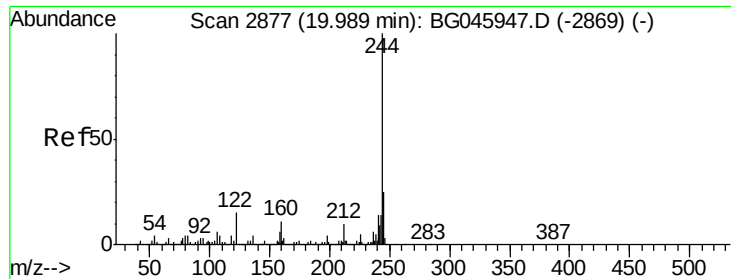


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 81.374 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG046000.D

Acq: 10 Jul 2020 10:19

Instrument :

BNA_G

ClientSampleId :

PB130037BL

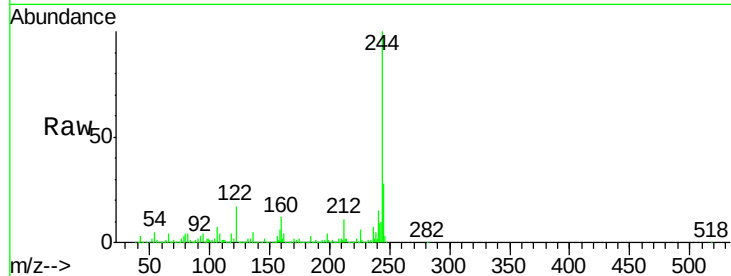
Tot Ion:244 Resp: 2829208

Ion Ratio Lower Upper

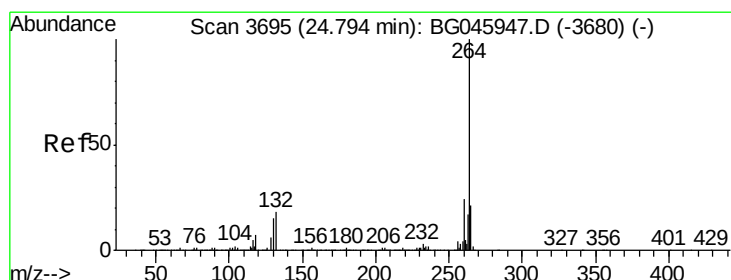
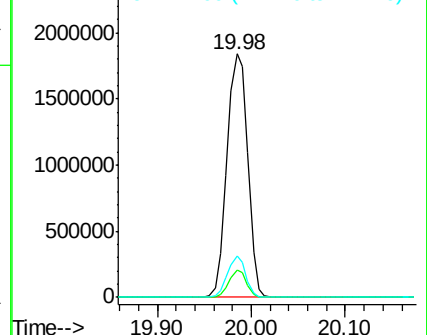
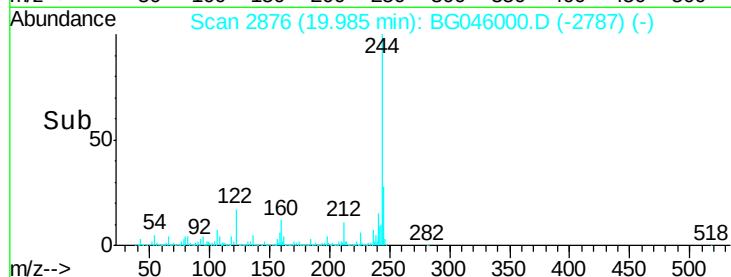
244 100

212 11.0 8.3 12.5

122 17.2 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# 3692

Delta R.T. -0.02 min

Lab File: BG046000.D

Acq: 10 Jul 2020 10:19

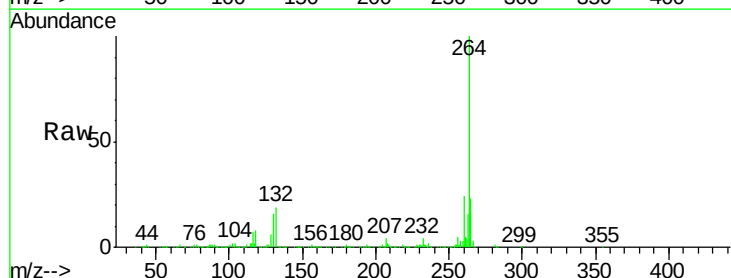
Tgt Ion:264 Resp: 760590

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 23.0 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

