

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
 Data File : BG046003.D
 Acq On : 10 Jul 2020 12:20
 Operator : CG/JU
 Sample : PB130070BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB130070BL

Quant Time: Jul 10 13:06:46 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	171066	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	681185	20.00	ng	0.00
39) Acenaphthene-d10	14.63	164	407007	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	833598	20.00	ng	0.00
76) Chrysene-d12	21.62	240	785686	20.00	ng	-0.01
86) Perylene-d12	24.78	264	770156	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1261349	119.57	ng	0.00
7) Phenol-d6	7.16	99	1750151	115.24	ng	0.00
23) Nitrobenzene-d5	9.16	82	1211731	102.39	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	495098	131.07	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2210791	84.73	ng	0.00
79) Terphenyl-d14	19.98	244	2905360	82.30	ng	0.00

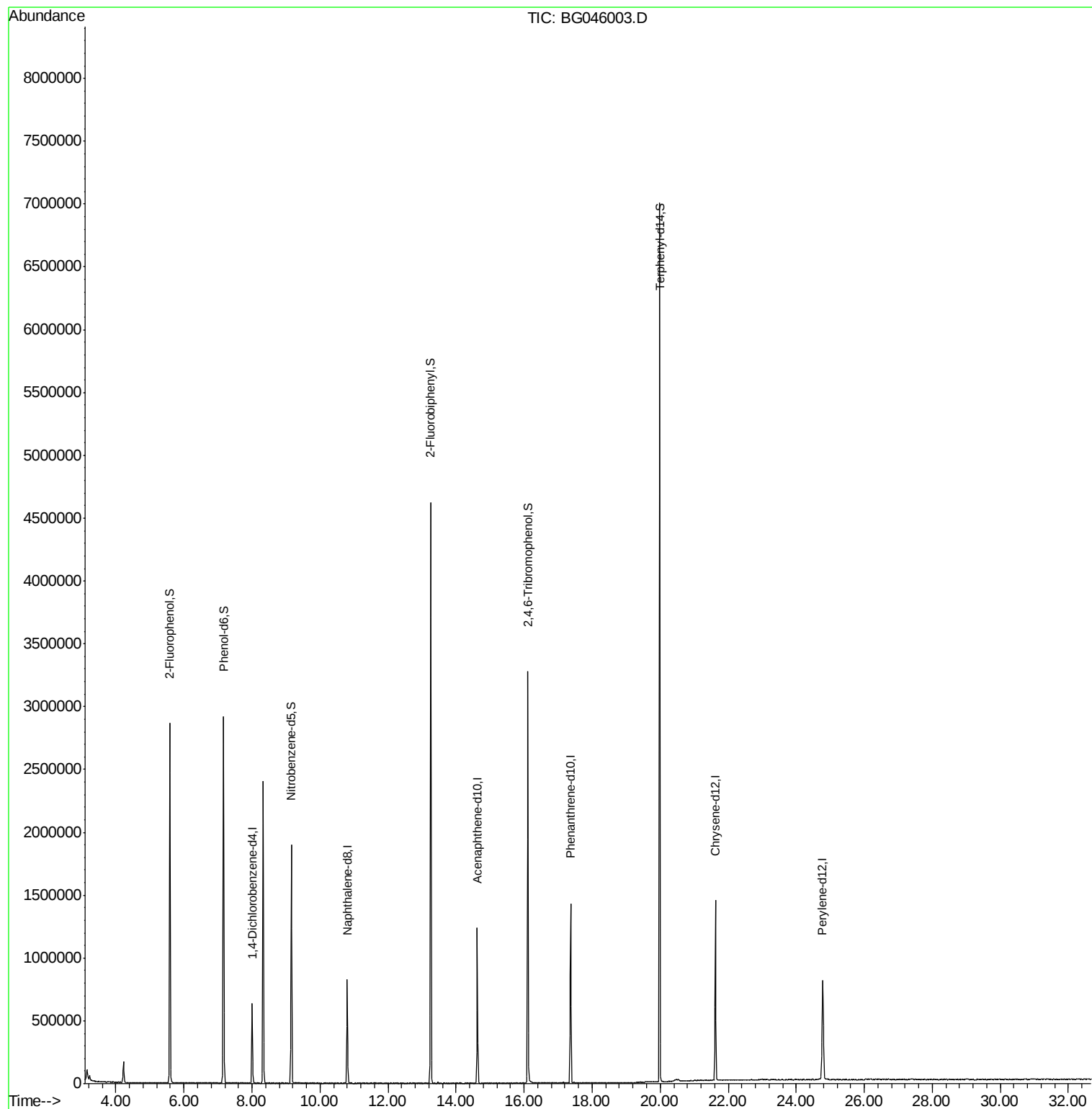
Target Compounds Qvalue

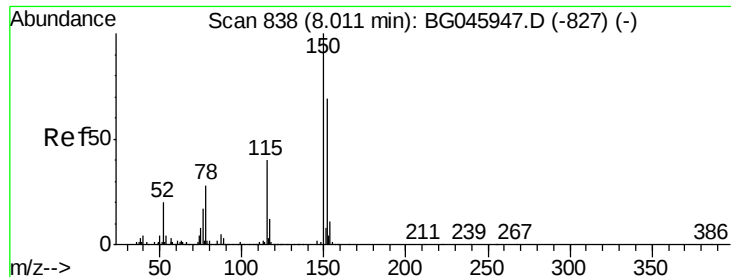
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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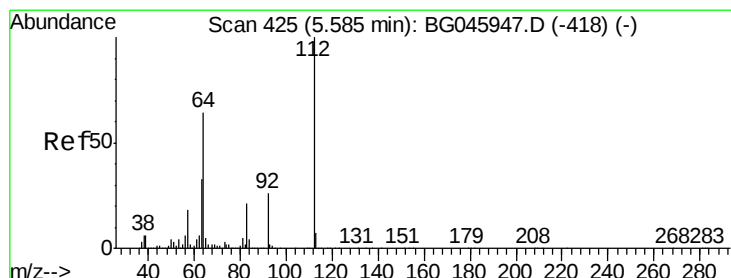
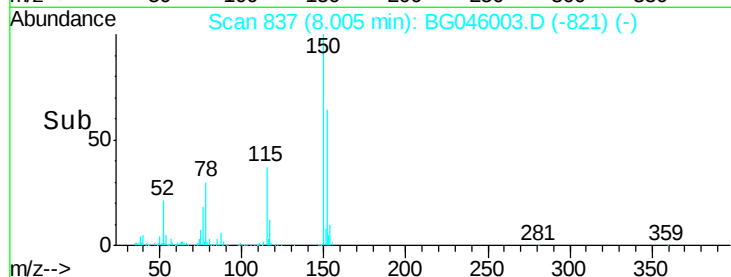
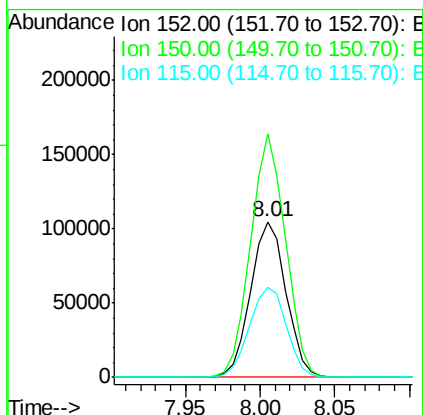
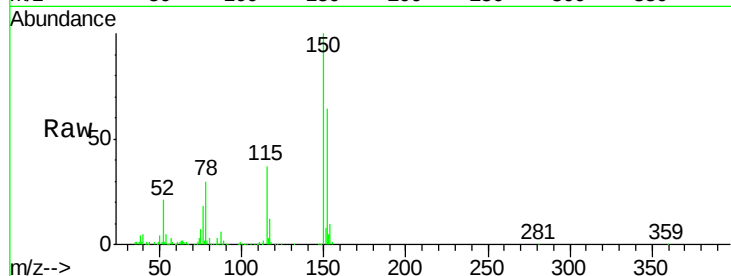


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG046003.D
Acq: 10 Jul 2020 12:20

Instrument :
BNA_G
ClientSampleId :
PB130070BL

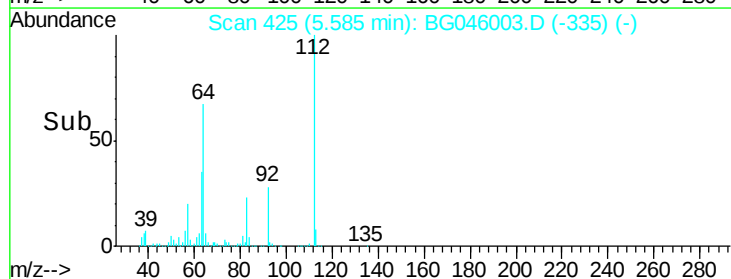
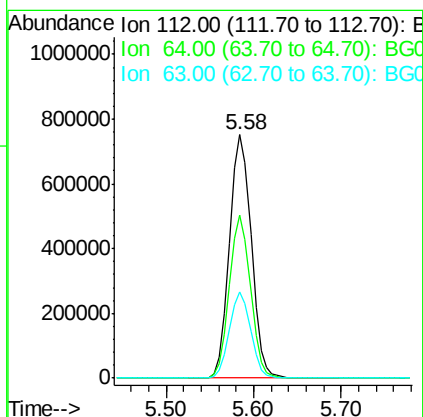
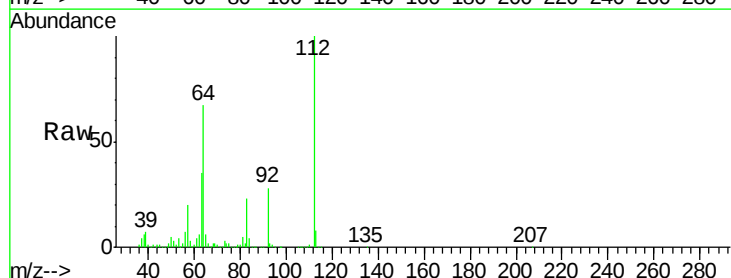
Tot Ion:152 Resp: 171066
Ion Ratio Lower Upper
152 100
150 156.8 116.7 175.1
115 57.9 47.4 71.0

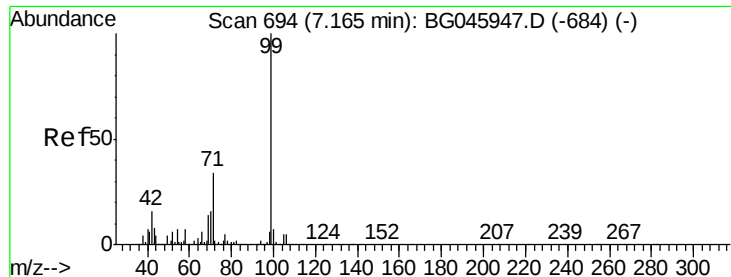


#5

2-Fluorophenol
Concen: 119.573 ng
RT: 5.58 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG046003.D
Acq: 10 Jul 2020 12:20

Tgt Ion:112 Resp: 1261349
Ion Ratio Lower Upper
112 100
64 66.9 51.4 77.2
63 35.5 26.6 40.0





#7

Phenol-d6

Concen: 115.239 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG046003.D

Acq: 10 Jul 2020 12:20

Instrument :

BNA_G

ClientSampleId :

PB130070BL

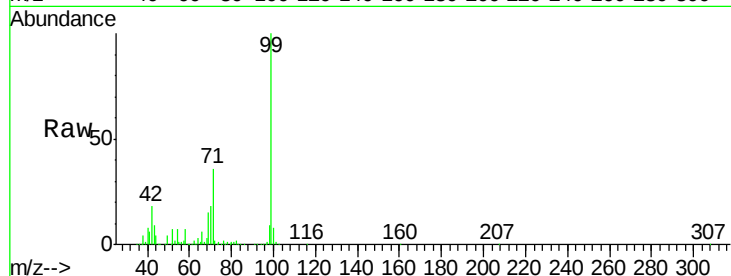
Tot Ion: 99 Resp: 1750151

Ion Ratio Lower Upper

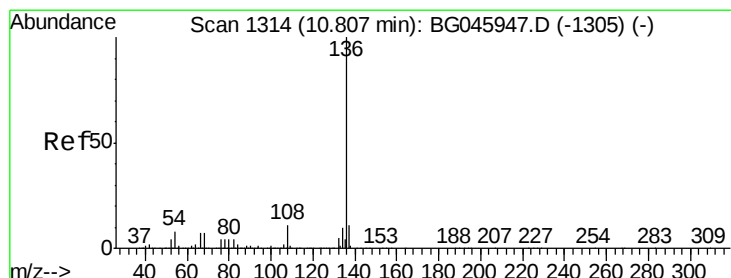
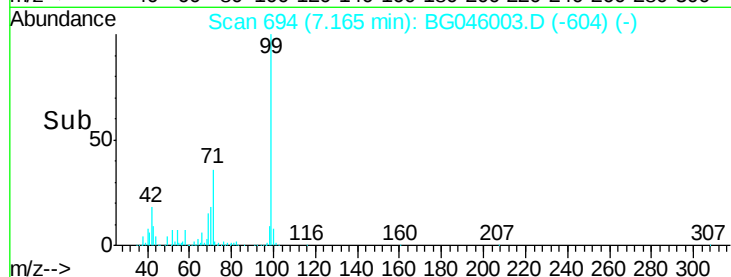
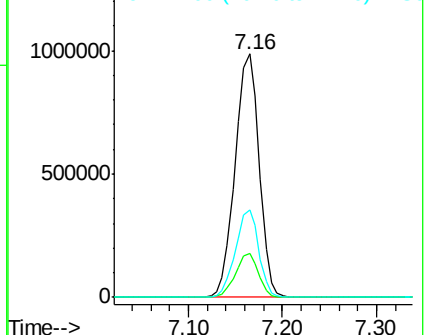
99 100

42 17.9 13.0 19.4

71 36.0 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. -0.01 min

Lab File: BG046003.D

Acq: 10 Jul 2020 12:20

Tgt Ion: 136 Resp: 681185

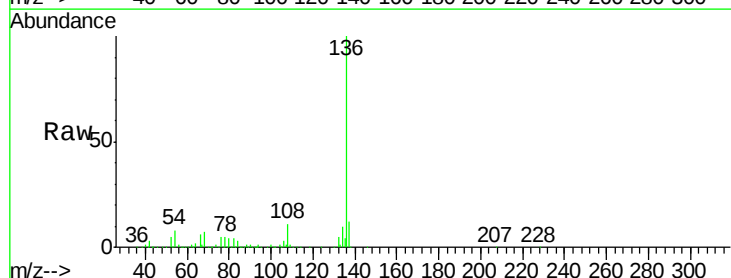
Ion Ratio Lower Upper

136 100

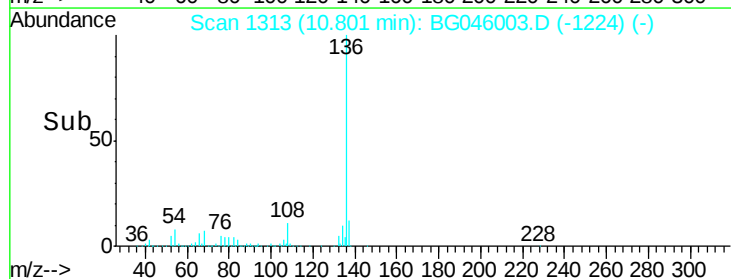
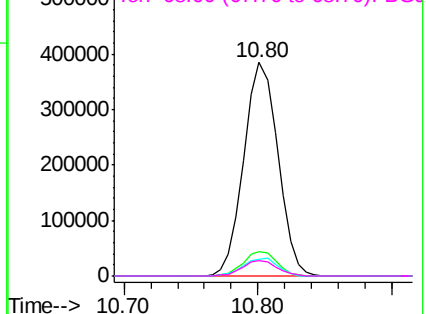
137 11.5 9.2 13.8

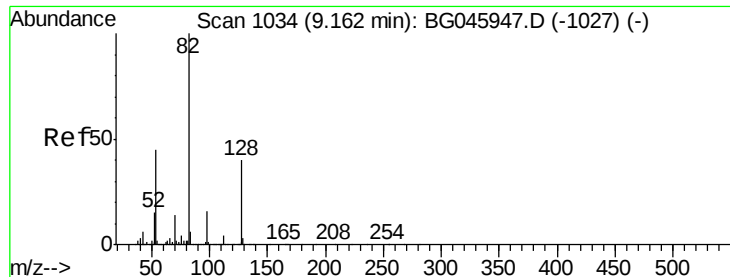
54 8.1 6.2 9.4

68 7.4 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

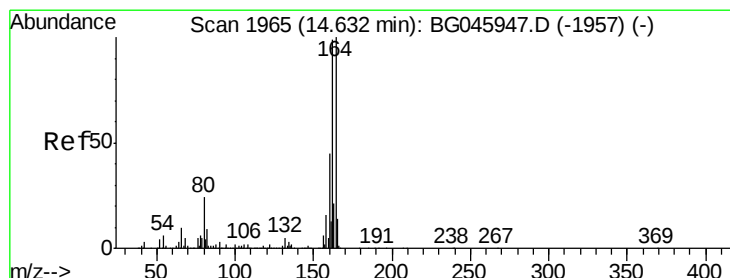
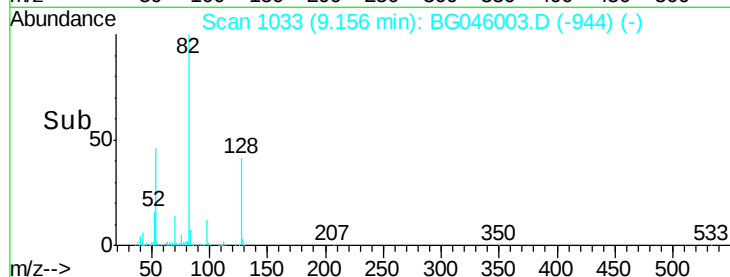
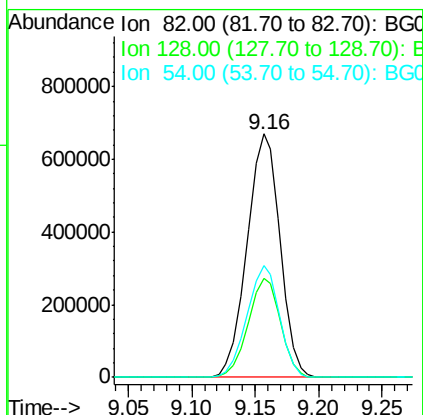
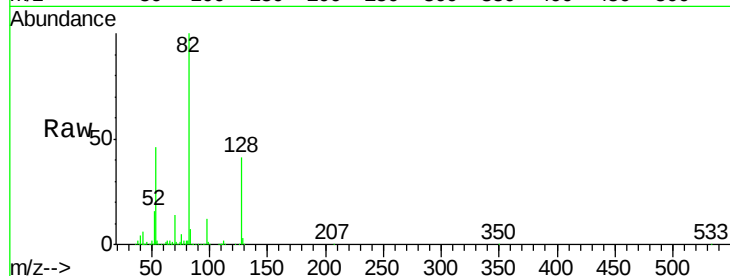




#23
Nitrobenzene-d5
Concen: 102.387 ng
RT: 9.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BG046003.D
Acq: 10 Jul 2020 12:20

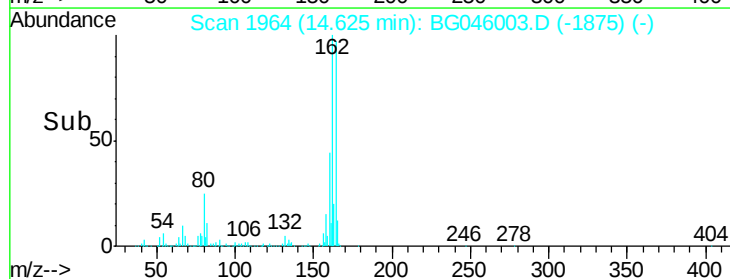
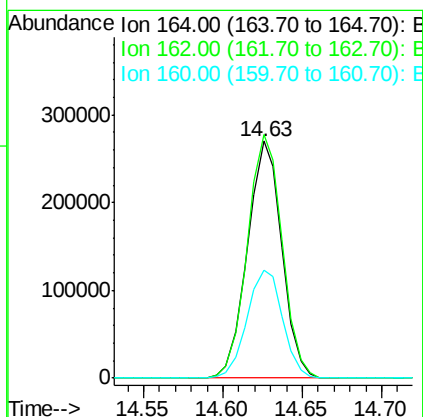
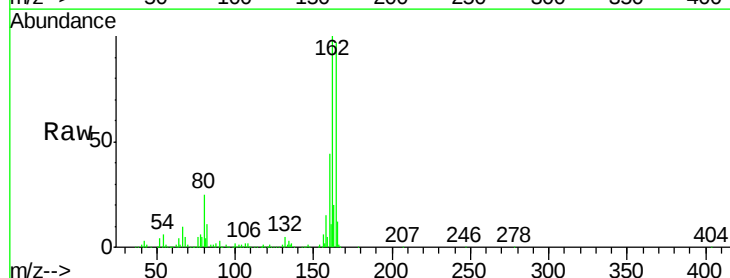
Instrument :
BNA_G
ClientSampleId :
PB130070BL

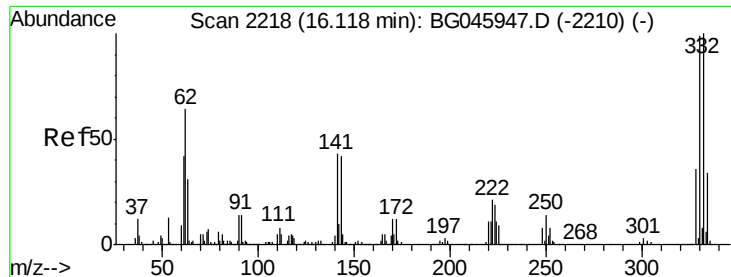
Tot Ion: 82 Resp: 1211731
Ion Ratio Lower Upper
82 100
128 40.6 32.2 48.4
54 45.8 35.8 53.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG046003.D
Acq: 10 Jul 2020 12:20

Tgt Ion:164 Resp: 407007
Ion Ratio Lower Upper
164 100
162 102.7 79.3 118.9
160 45.5 35.7 53.5

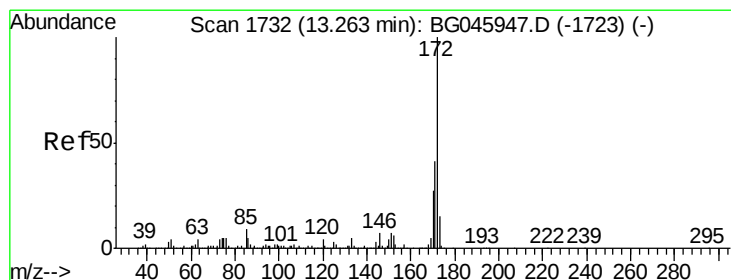
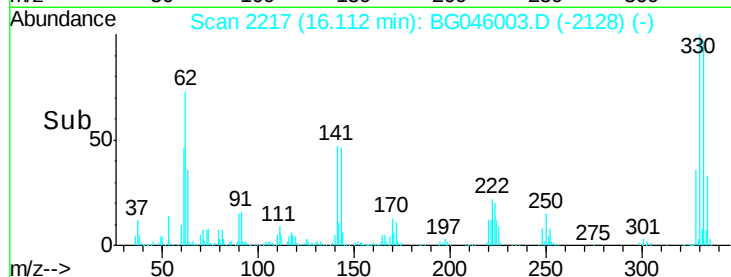
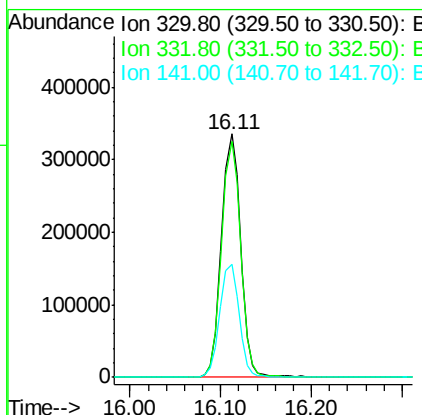
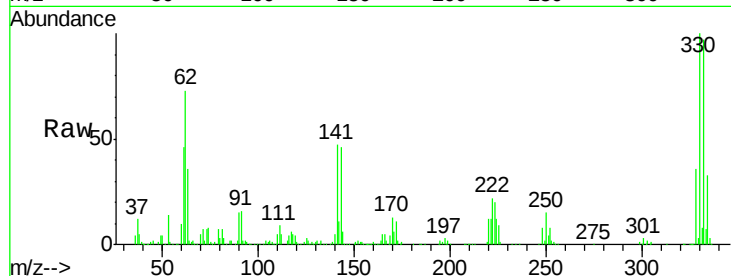




#42
 2,4,6-Tribromophenol
 Concen: 131.067 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BG046003.D
 Acq: 10 Jul 2020 12:20

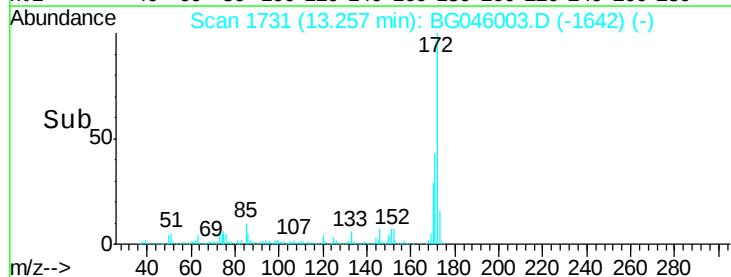
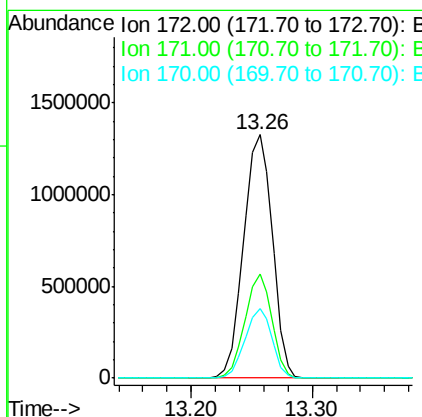
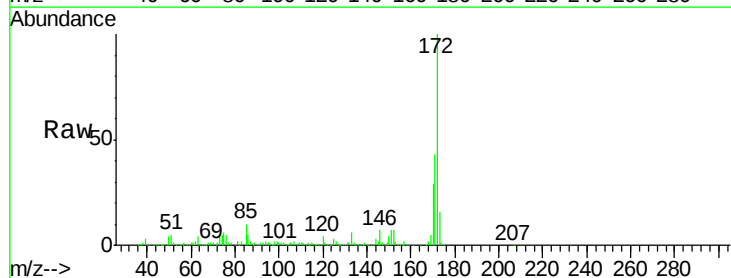
Instrument :
 BNA_G
 ClientSampleId :
 PB130070BL

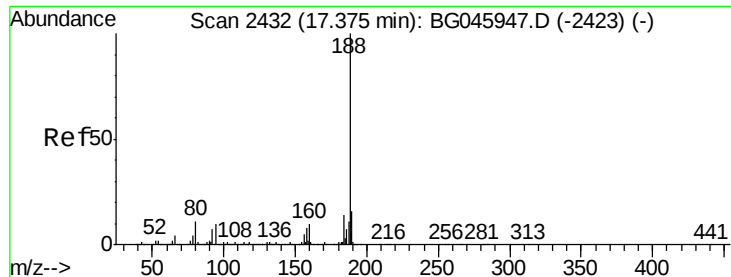
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.3	78.3	117.5
141	47.0	36.6	54.8



#45
 2-Fluorobiphenyl
 Concen: 84.727 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG046003.D
 Acq: 10 Jul 2020 12:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	42.9	32.9	49.3
170	28.6	21.8	32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.37 min Scan# 2431

Delta R.T. -0.01 min

Lab File: BG046003.D

Acq: 10 Jul 2020 12:20

Instrument :

BNA_G

ClientSampleId :

PB130070BL

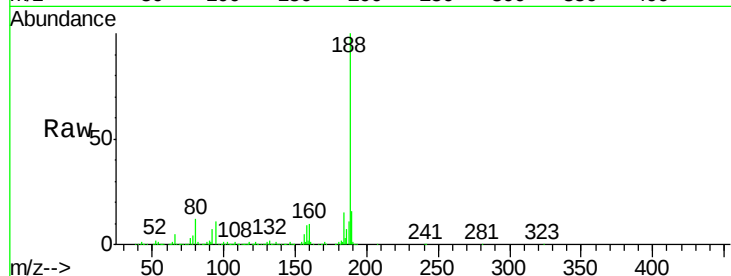
Tot Ion:188 Resp: 833598

Ion Ratio Lower Upper

188 100

94 11.2 8.2 12.4

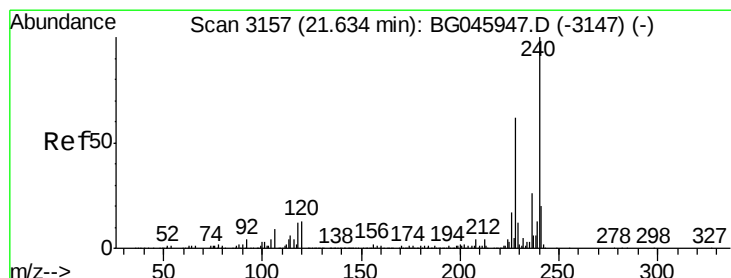
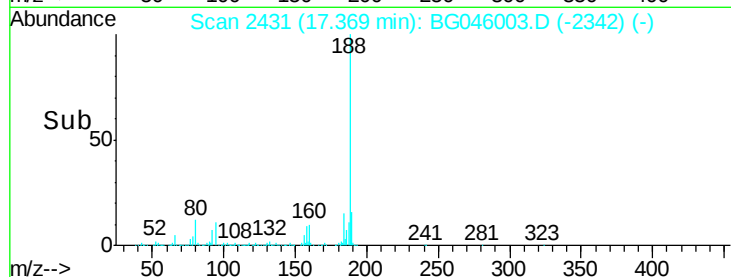
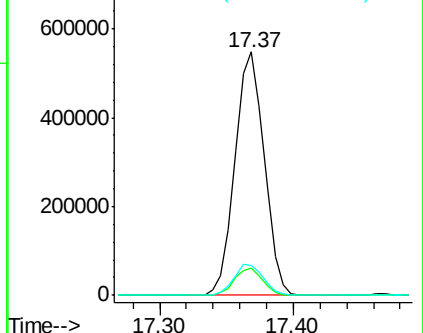
80 12.2 9.0 13.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.62 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG046003.D

Acq: 10 Jul 2020 12:20

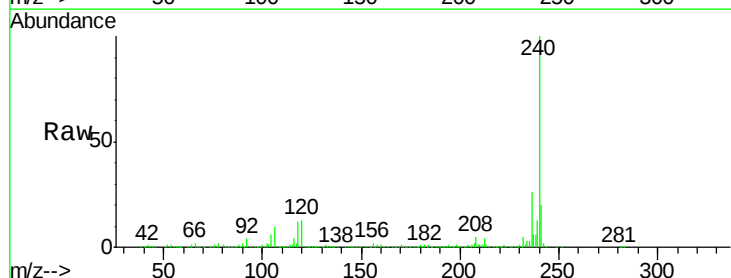
Tgt Ion:240 Resp: 785686

Ion Ratio Lower Upper

240 100

120 13.3 10.6 16.0

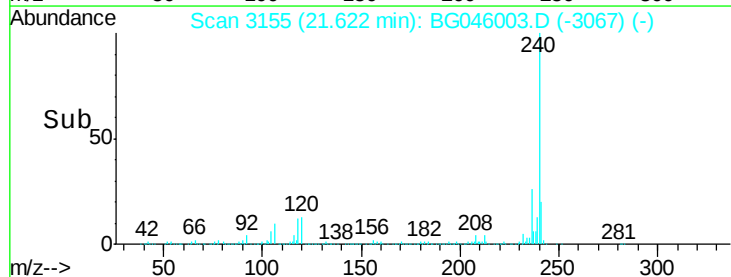
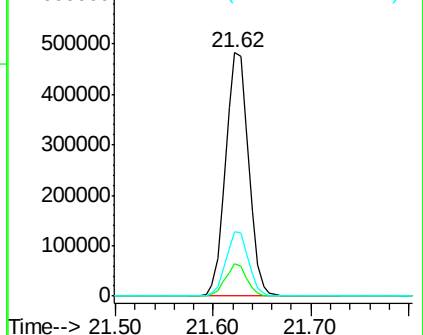
236 26.5 20.4 30.6

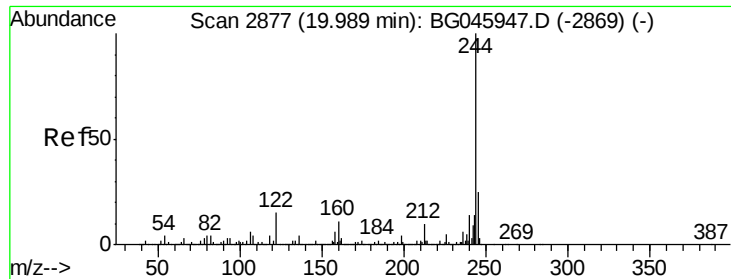


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 82.296 ng

RT: 19.98 min Scan# 2876

Delta R.T. -0.01 min

Lab File: BG046003.D

Acq: 10 Jul 2020 12:20

Instrument :

BNA_G

ClientSampleId :

PB130070BL

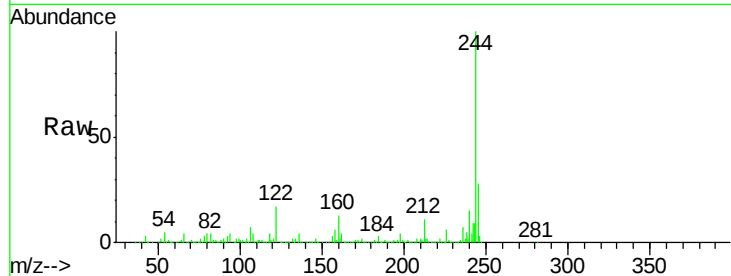
Tot Ion:244 Resp: 2905360

Ion Ratio Lower Upper

244 100

212 10.8 8.3 12.5

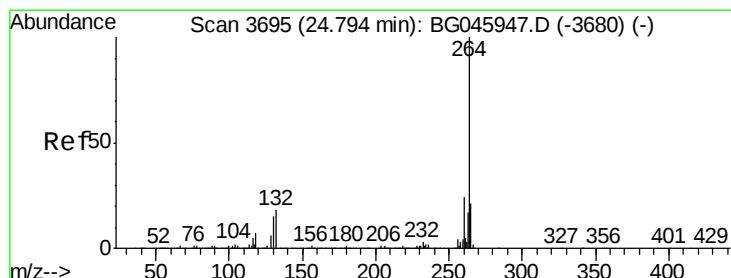
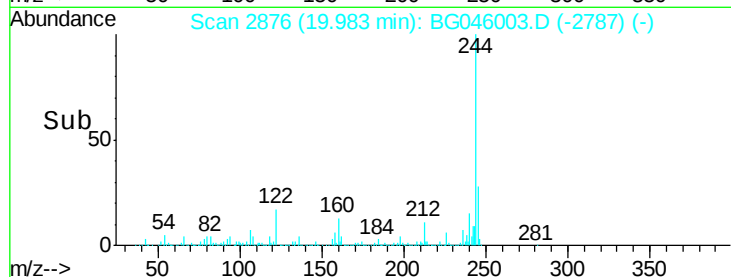
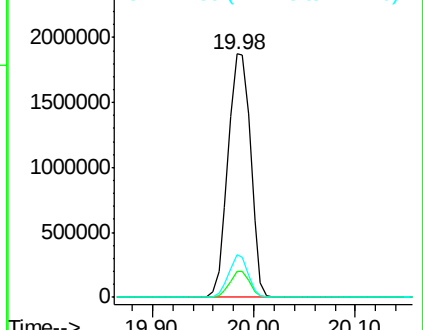
122 17.3 12.1 18.1



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: BG046003.D

Acq: 10 Jul 2020 12:20

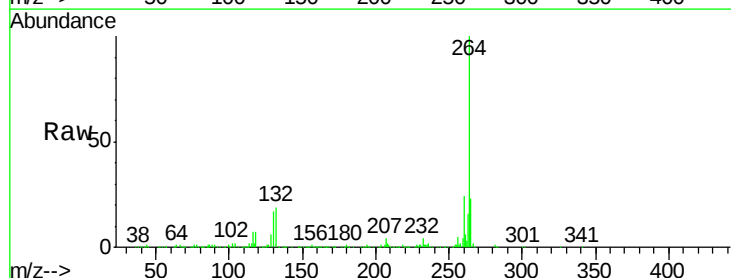
Tgt Ion:264 Resp: 770156

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 22.6 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

