

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071020\
 Data File : BG046006.D
 Acq On : 10 Jul 2020 14:26
 Operator : CG/JU
 Sample : L3247-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19

Quant Time: Jul 10 15:15:15 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	8.00	152	140210	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	561389	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	352761	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	816553	20.00	ng	0.00
76) Chrysene-d12	21.62	240	747322	20.00	ng	-0.01
86) Perylene-d12	24.78	264	732025	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	1076223	124.48	ng	0.00
7) Phenol-d6	7.16	99	1389418	111.62	ng	0.00
23) Nitrobenzene-d5	9.16	82	1146631	117.56	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	551873	168.56	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	2063218	91.23	ng	0.00
79) Terphenyl-d14	19.99	244	3145630	93.68	ng	0.00

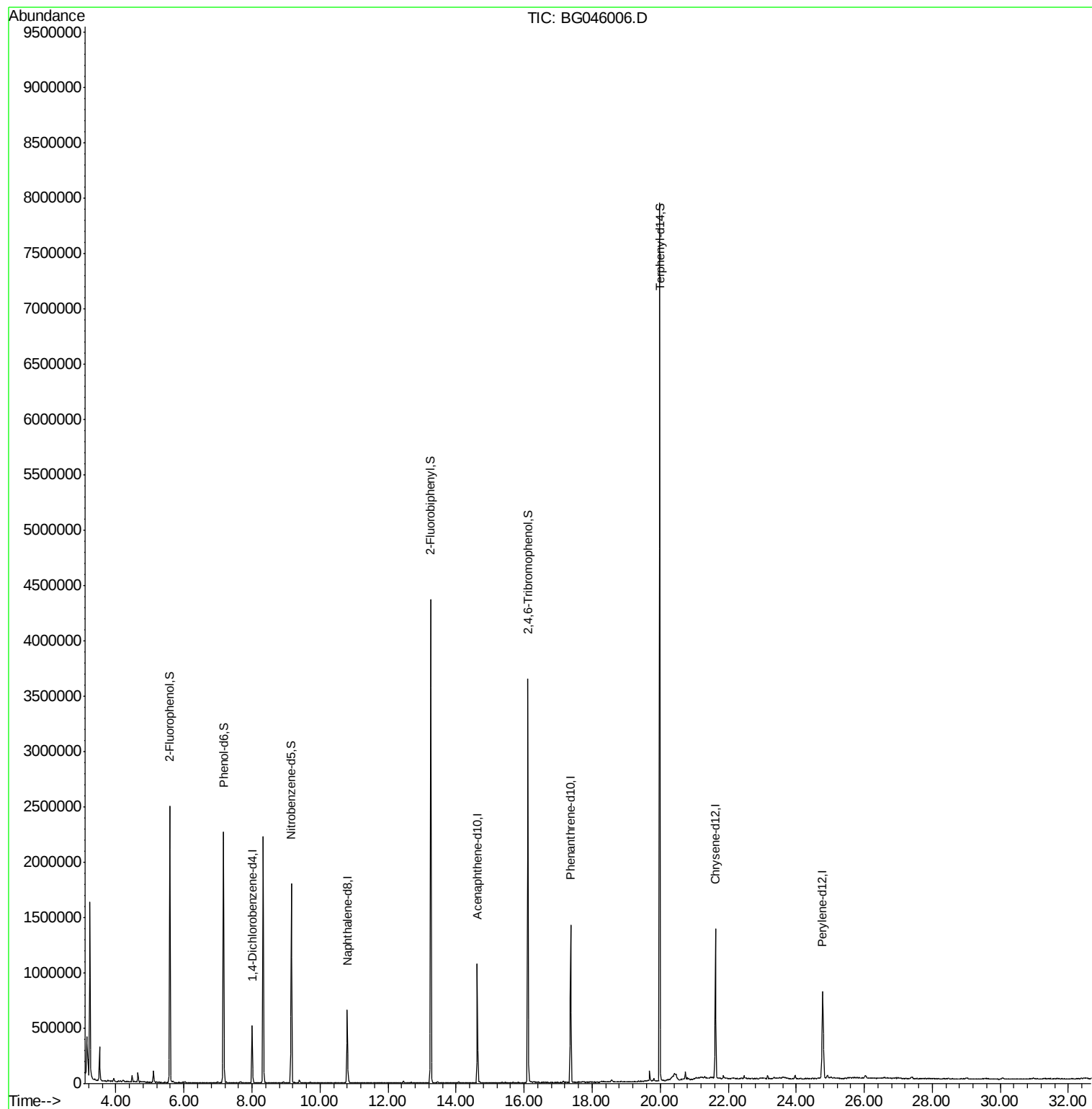
Target Compounds Qvalue

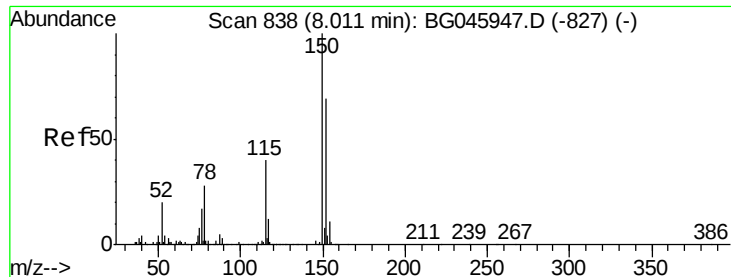
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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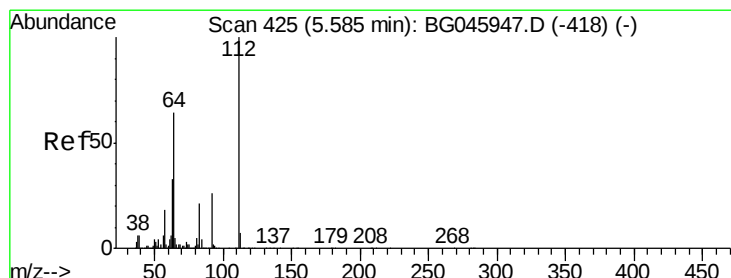
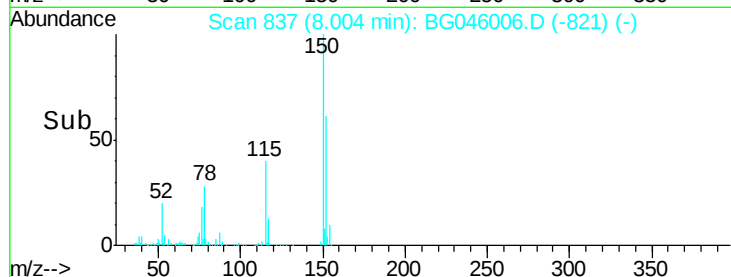
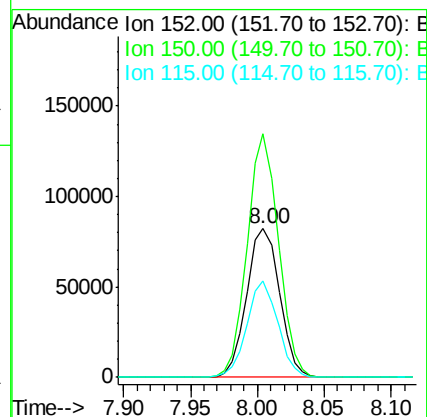
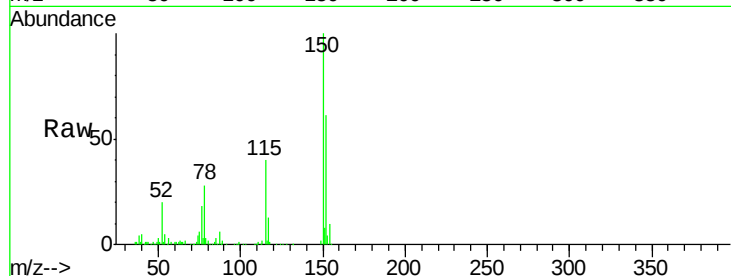


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG046006.D
Acq: 10 Jul 2020 14:26

Instrument :
BNA_G
ClientSampleId :
MH-D19

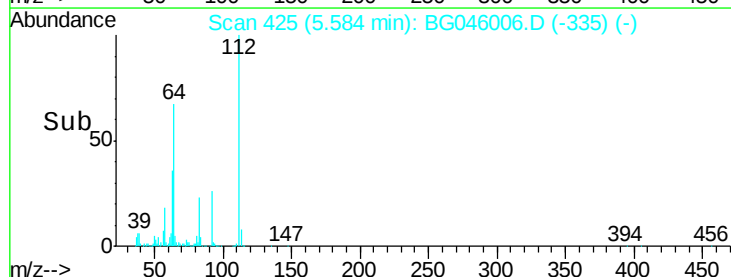
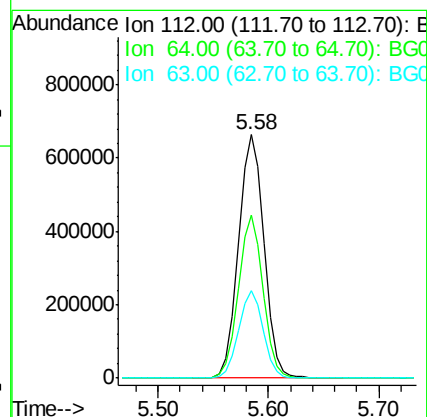
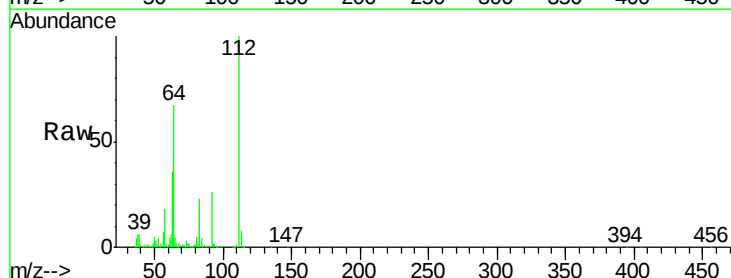
Tot Ion:152 Resp: 140210
Ion Ratio Lower Upper
152 100
150 163.8 116.7 175.1
115 64.7 47.4 71.0

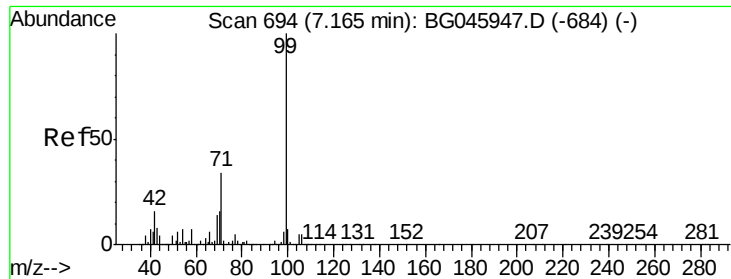


#5

2-Fluorophenol
Concen: 124.476 ng
RT: 5.58 min Scan# 425
Delta R.T. 0.00 min
Lab File: BG046006.D
Acq: 10 Jul 2020 14:26

Tgt Ion:112 Resp: 1076223
Ion Ratio Lower Upper
112 100
64 67.1 51.4 77.2
63 36.0 26.6 40.0





#7

Phenol-d6

Concen: 111.619 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG046006.D

Acq: 10 Jul 2020 14:26

Instrument :

BNA_G

ClientSampled :

MH-D19

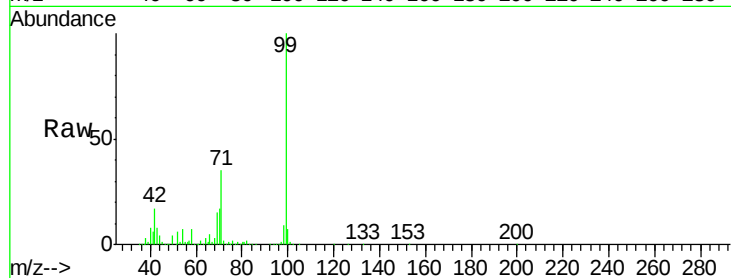
Tot Ion: 99 Resp: 1389418

Ion Ratio Lower Upper

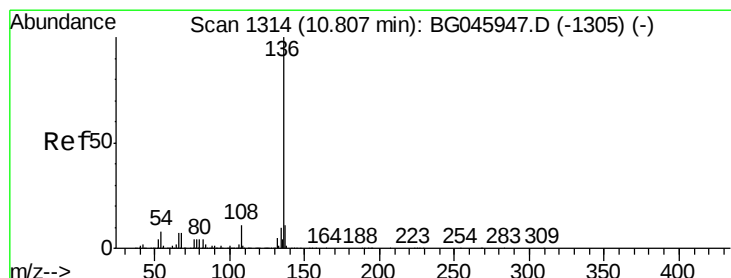
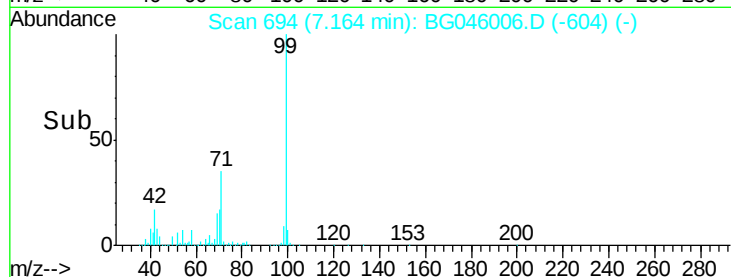
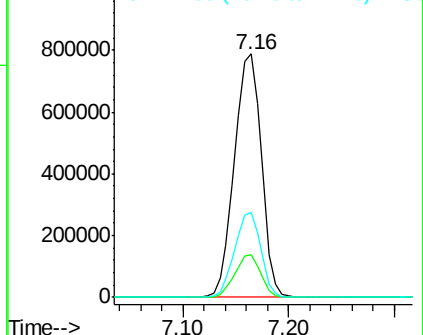
99 100

42 17.3 13.0 19.4

71 34.9 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: BG046006.D

Acq: 10 Jul 2020 14:26

Tgt Ion: 136 Resp: 561389

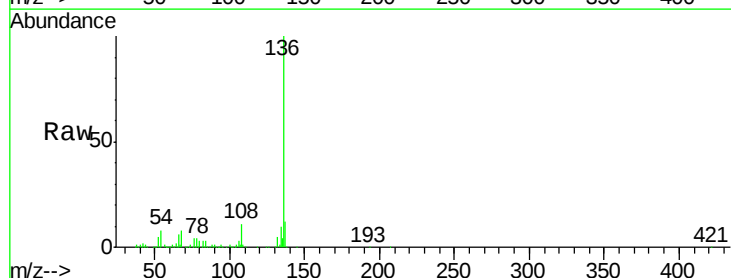
Ion Ratio Lower Upper

136 100

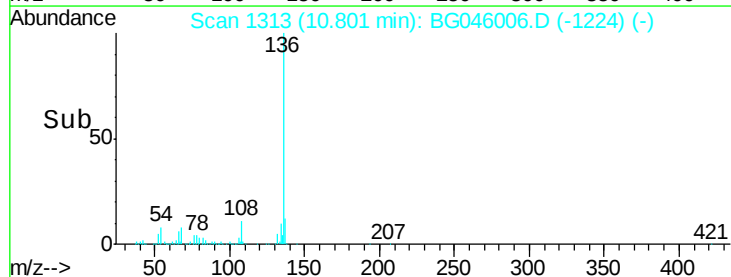
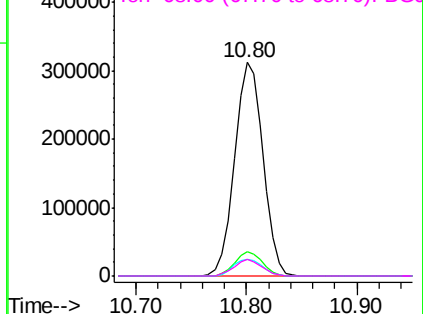
137 11.6 9.2 13.8

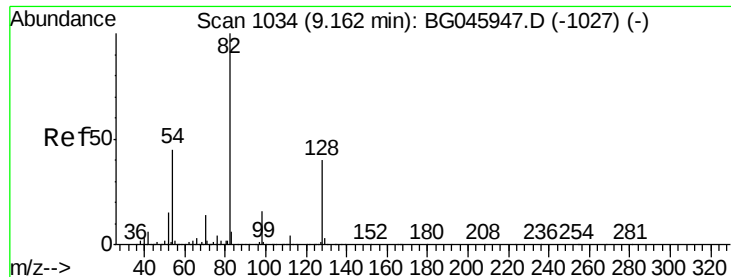
54 8.0 6.2 9.4

68 7.7 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



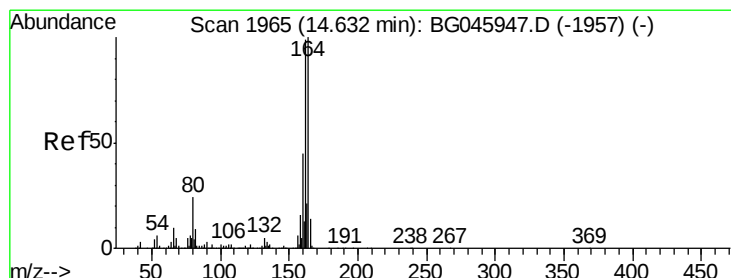
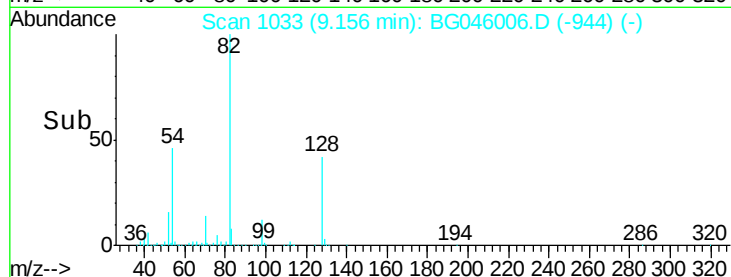
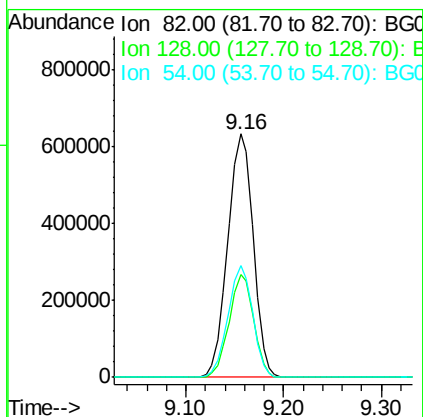
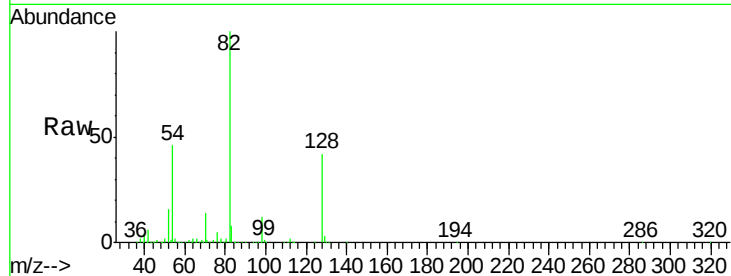


#23
 Nitrobenzene-d5
 Concen: 117.561 ng
 RT: 9.16 min Scan# 1033
 Delta R.T. -0.01 min
 Lab File: BG046006.D
 Acq: 10 Jul 2020 14:26

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19

Tot Ion: 82 Resp: 1146631

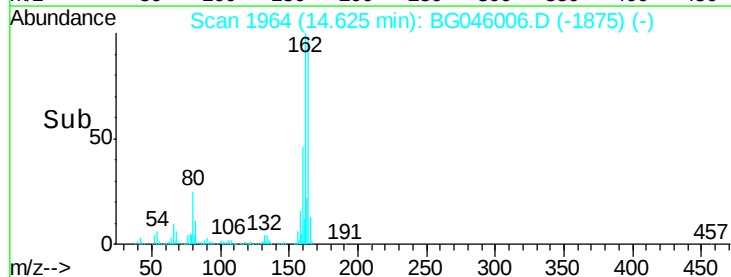
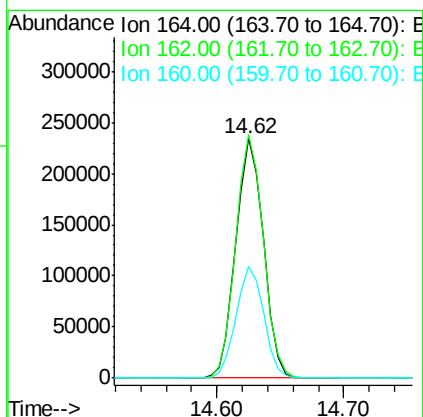
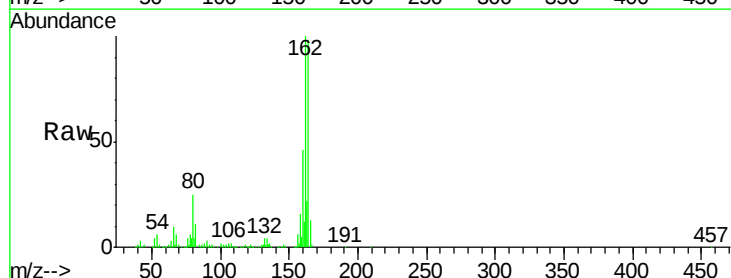
Ion	Ratio	Lower	Upper
82	100		
128	42.1	32.2	48.4
54	45.9	35.8	53.6

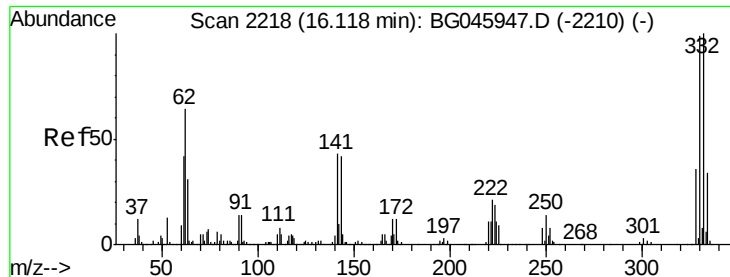


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.62 min Scan# 1964
 Delta R.T. -0.01 min
 Lab File: BG046006.D
 Acq: 10 Jul 2020 14:26

Tgt Ion: 164 Resp: 352761

Ion	Ratio	Lower	Upper
164	100		
162	101.8	79.3	118.9
160	46.6	35.7	53.5

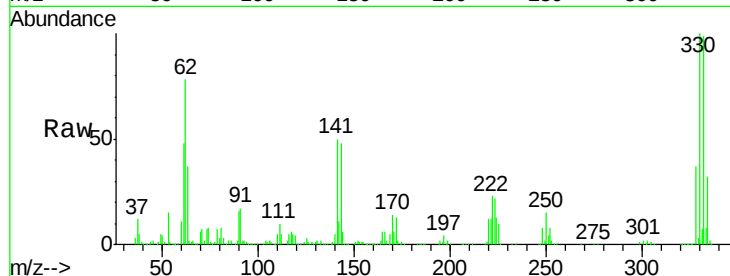




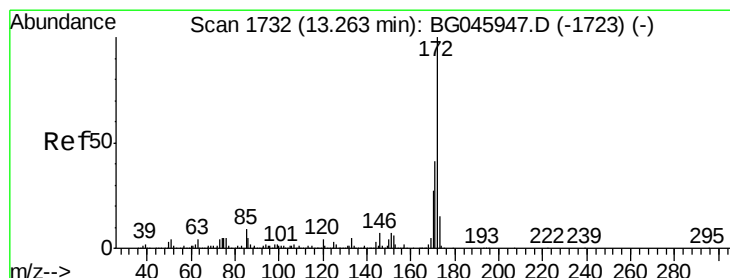
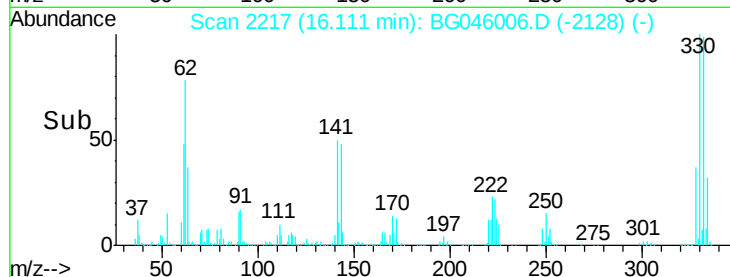
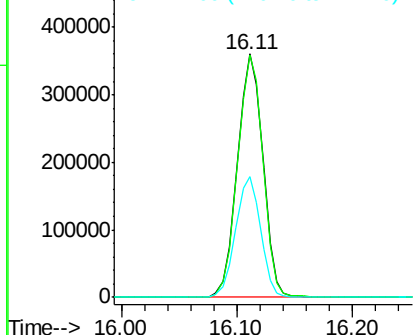
#42
 2,4,6-Tribromophenol
 Concen: 168.563 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.01 min
 Lab File: BG046006.D
 Acq: 10 Jul 2020 14:26

Instrument :
 BNA_G
 ClientSampleId :
 MH-D19

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.9	78.3	117.5
141	48.8	36.6	54.8

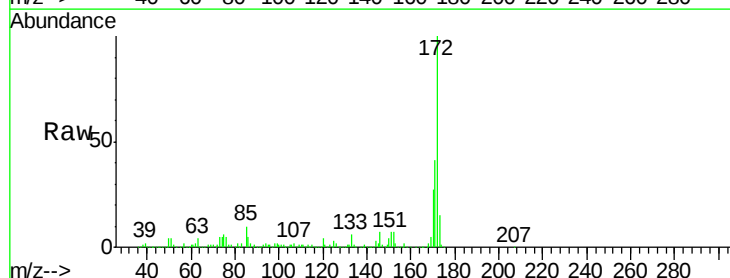


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

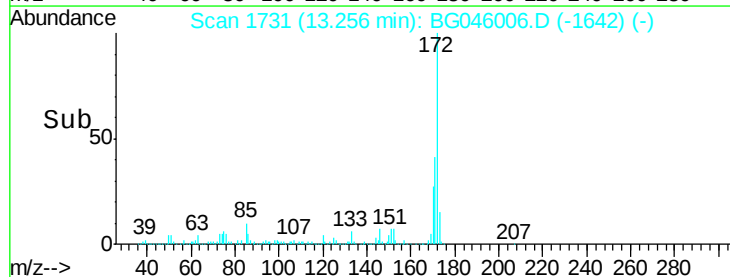
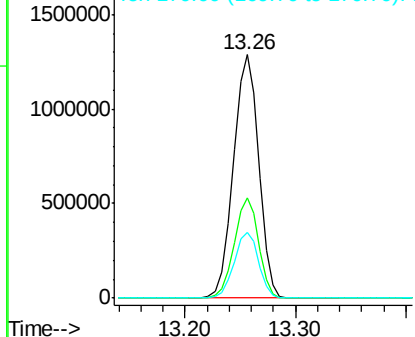


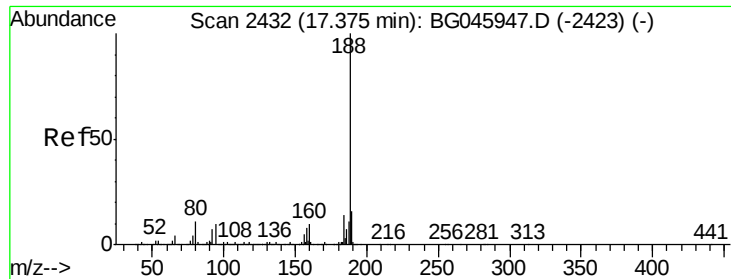
#45
 2-Fluorobiphenyl
 Concen: 91.231 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG046006.D
 Acq: 10 Jul 2020 14:26

Tgt Ion	Ratio	Lower	Upper
172	100		
171	41.3	32.9	49.3
170	26.9	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: BG046006.D

Acq: 10 Jul 2020 14:26

Instrument :

BNA_G

ClientSampleId :

MH-D19

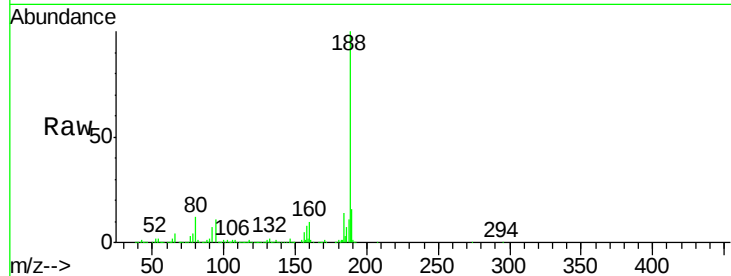
Tot Ion:188 Resp: 816553

Ion Ratio Lower Upper

188 100

94 10.7 8.2 12.4

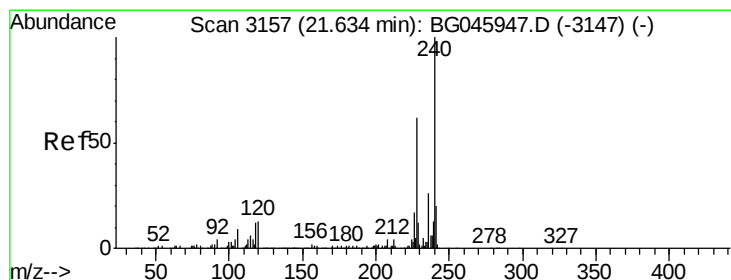
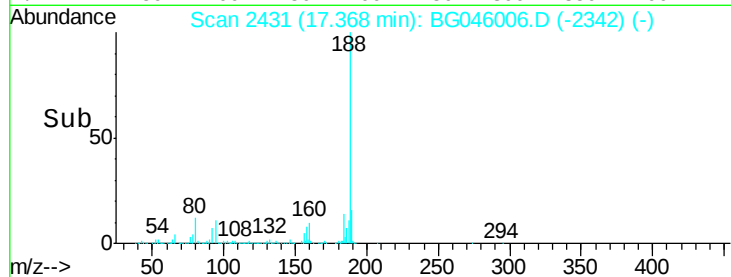
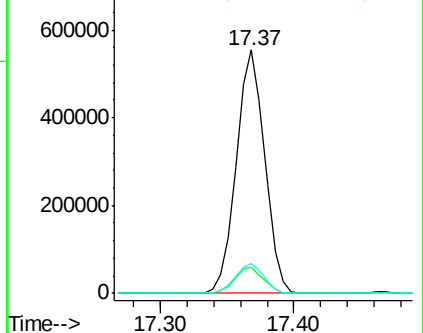
80 12.3 9.0 13.6



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: BG046006.D

Acq: 10 Jul 2020 14:26

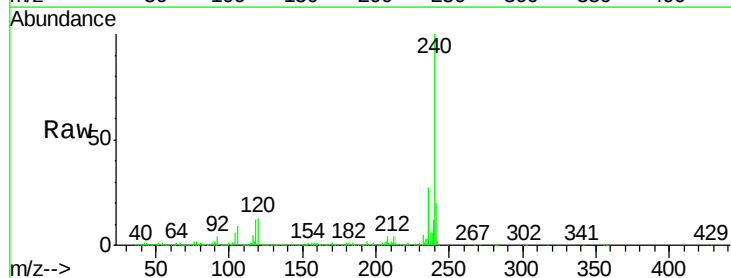
Tgt Ion:240 Resp: 747322

Ion Ratio Lower Upper

240 100

120 12.9 10.6 16.0

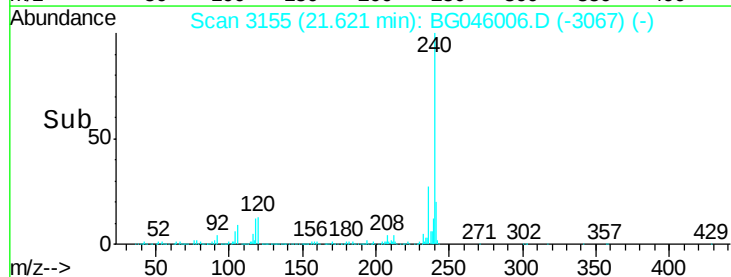
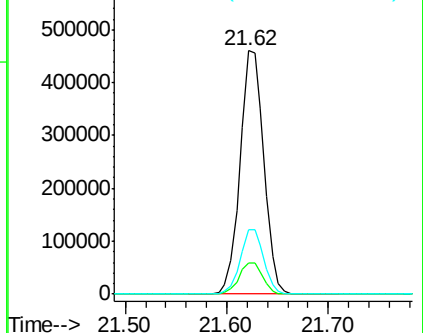
236 26.7 20.4 30.6

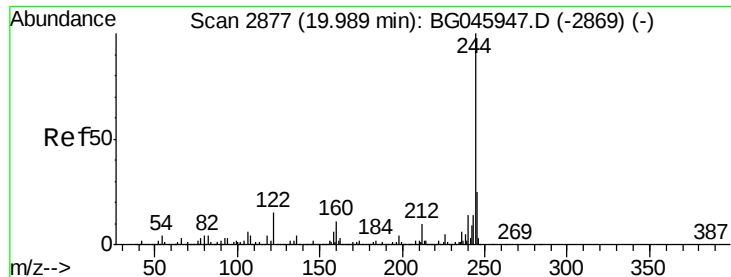


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 93.676 ng

RT: 19.99 min Scan# 2877

Delta R.T. -0.00 min

Lab File: BG046006.D

Acq: 10 Jul 2020 14:26

Instrument :

BNA_G

ClientSampleId :

MH-D19

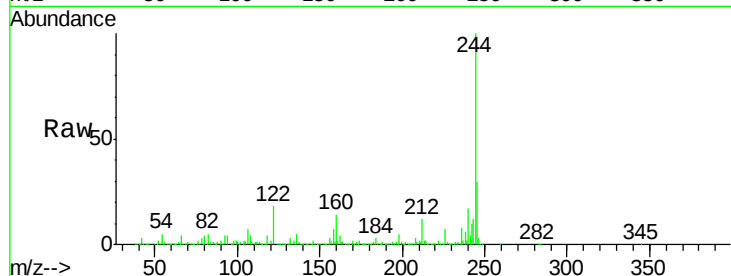
Tot Ion:244 Resp: 3145630

Ion Ratio Lower Upper

244 100

212 12.4 8.3 12.5

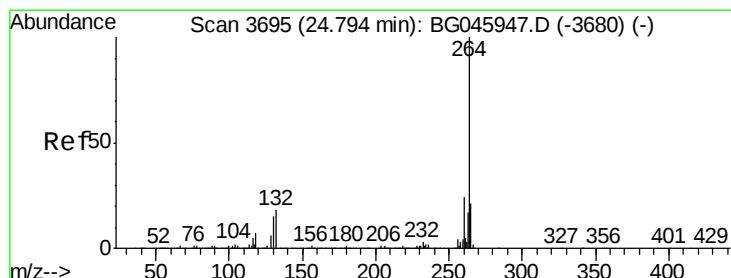
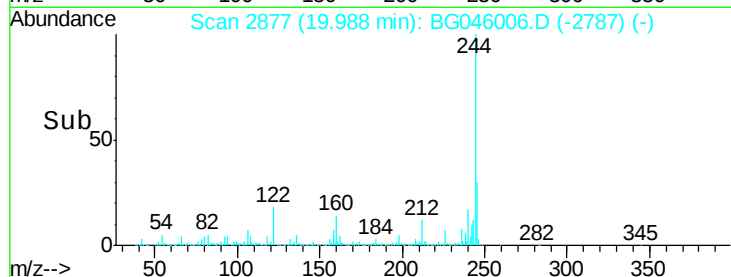
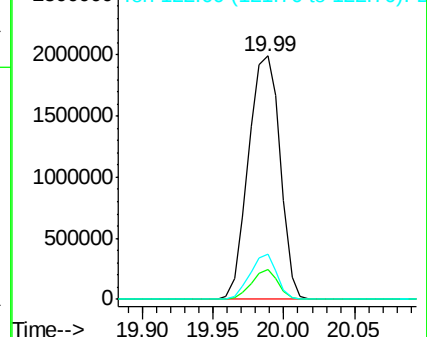
122 18.4 12.1 18.1#



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: BG046006.D

Acq: 10 Jul 2020 14:26

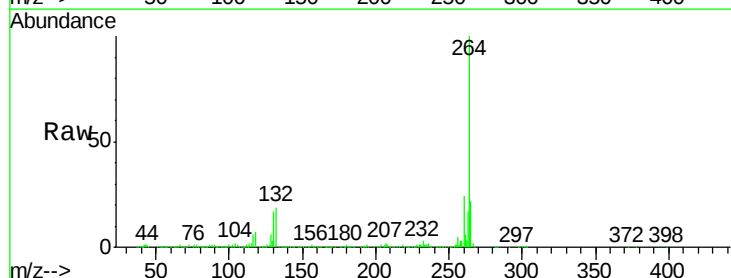
Tgt Ion:264 Resp: 732025

Ion Ratio Lower Upper

264 100

260 24.0 19.0 28.6

265 21.6 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

