

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
 Data File : BG045118.D
 Acq On : 21 Apr 2020 19:18
 Operator : CG/JU
 Sample : L2327-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-D

Quant Time: Apr 22 01:10:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 11:57:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	53631	20.00	ng	-0.01
21) Naphthalene-d8	10.82	136	235305	20.00	ng	-0.01
39) Acenaphthene-d10	14.65	164	182450	20.00	ng	-0.01
64) Phenanthrene-d10	17.40	188	462955	20.00	ng	-0.01
76) Chrysene-d12	21.66	240	453924	20.00	ng	-0.01
87) Perylene-d12	24.85	264	477609	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	447051	137.62	ng	0.00
7) Phenol-d6	7.18	99	622377	128.95	ng	-0.02
23) Nitrobenzene-d5	9.17	82	506233	98.17	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	445778	158.16	ng	-0.01
45) 2-Fluorobiphenyl	13.27	172	1255669	100.92	ng	-0.01
79) Terphenyl-d14	20.01	244	2206344	105.94	ng	0.00

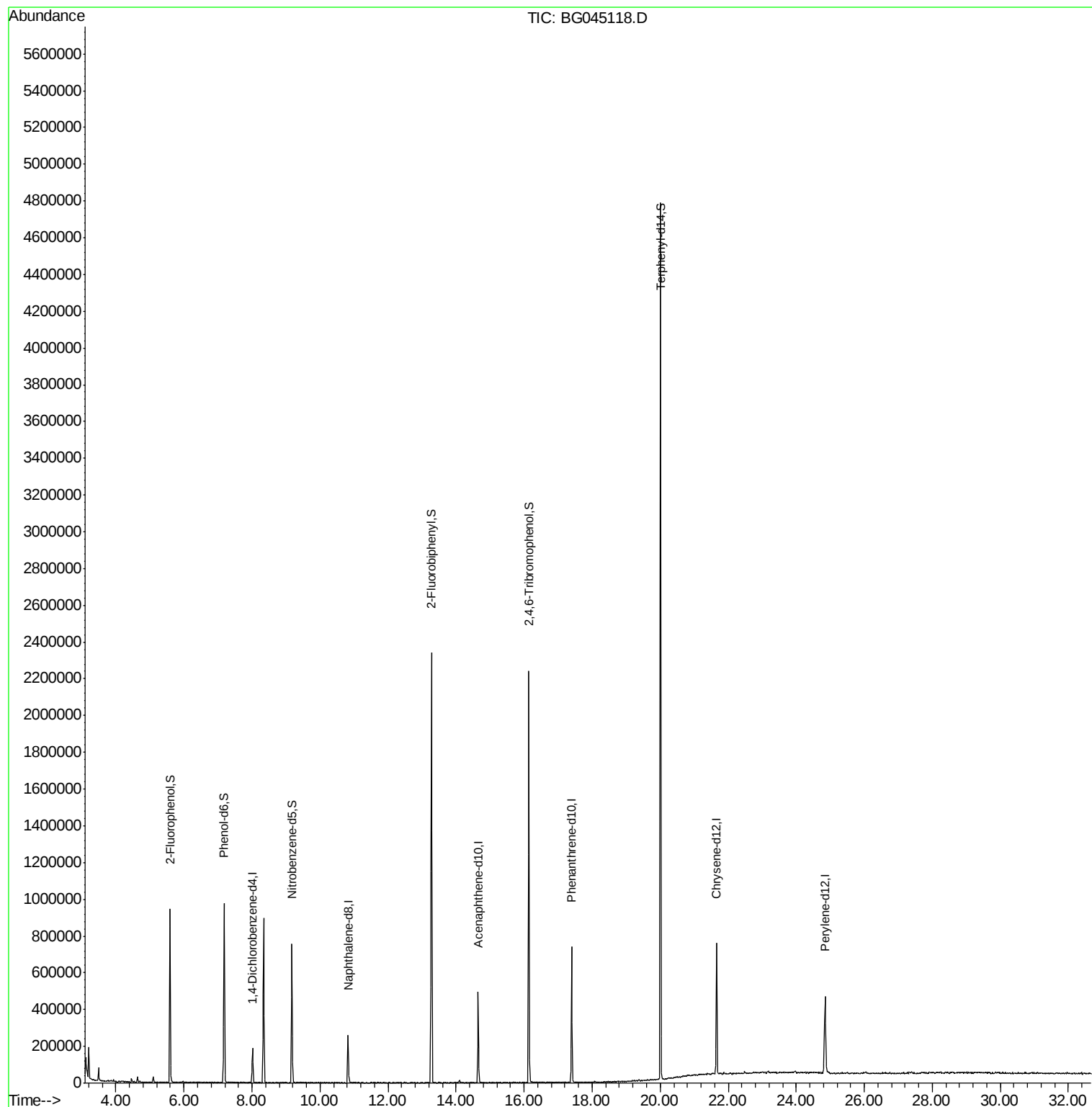
Target Compounds Qvalue

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

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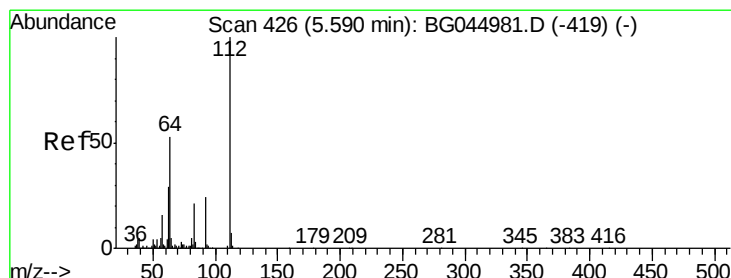
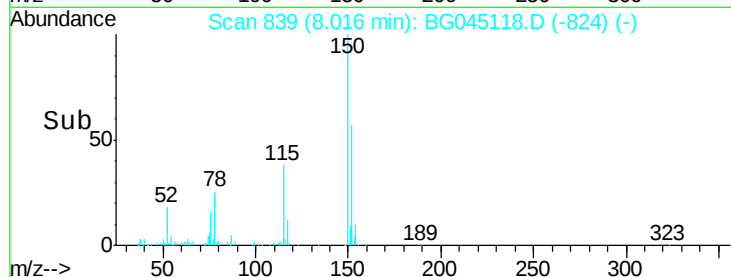
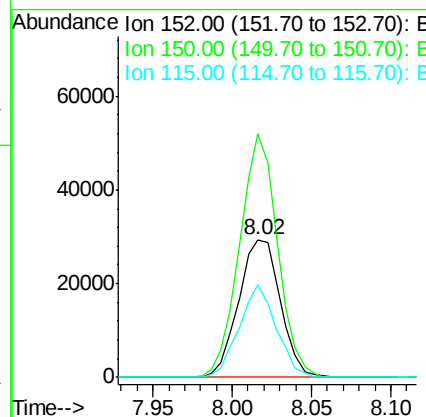
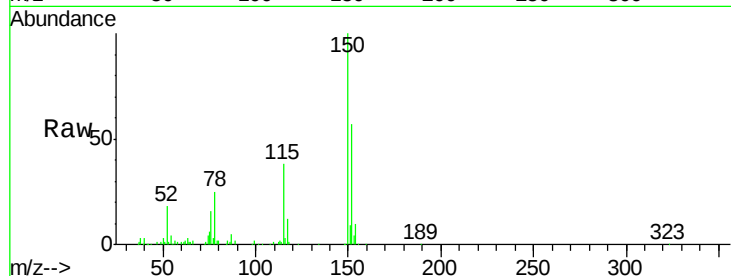


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Instrument :
BNA_G
ClientSampleId :
TP-1-D

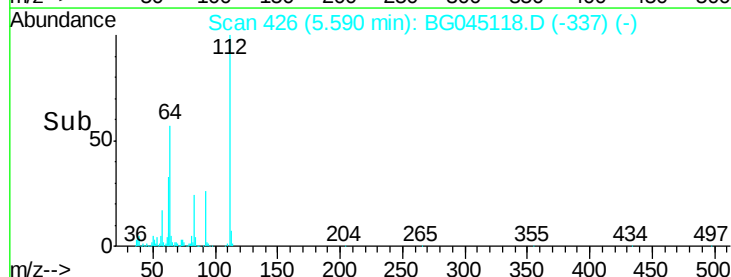
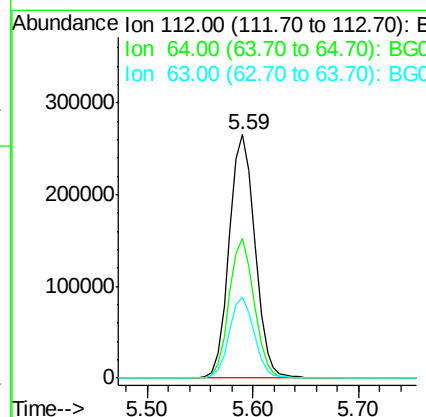
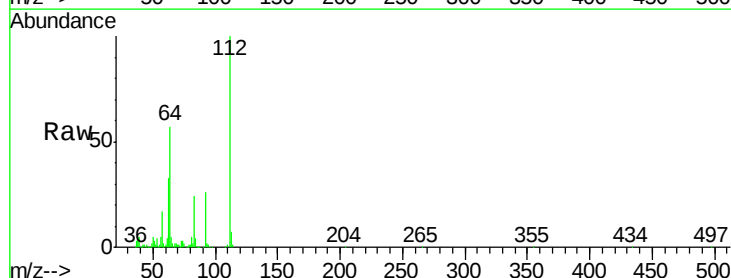
Tot Ion:152 Resp: 53631
Ion Ratio Lower Upper
152 100
150 176.6 123.6 185.4
115 66.9 49.1 73.7

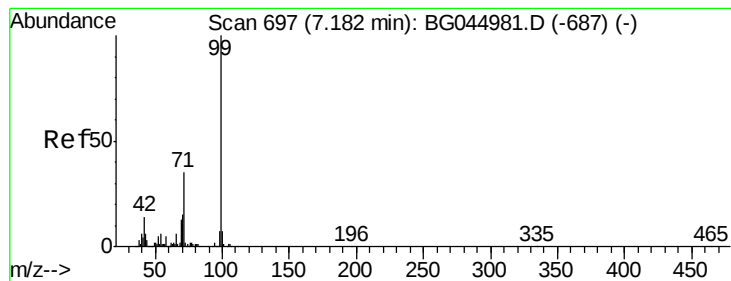


#5

2-Fluorophenol
Concen: 137.618 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.01 min
Lab File: BG045118.D
Acq: 21 Apr 2020 19:18

Tgt Ion:112 Resp: 447051
Ion Ratio Lower Upper
112 100
64 57.3 42.4 63.6
63 33.3 23.1 34.7





#7

Phenol-d6

Concen: 128.951 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.02 min

Lab File: BG045118.D

Acq: 21 Apr 2020 19:18

Instrument :

BNA_G

ClientSampleId :

TP-1-D

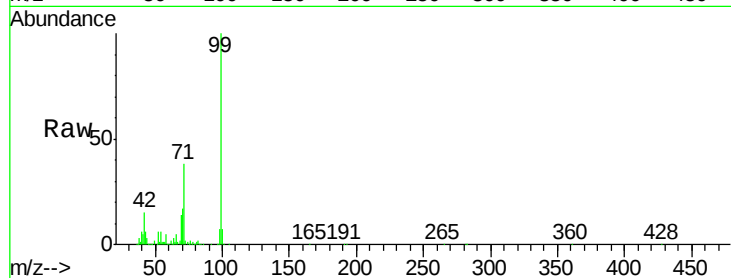
Tot Ion: 99 Resp: 622377

Ion Ratio Lower Upper

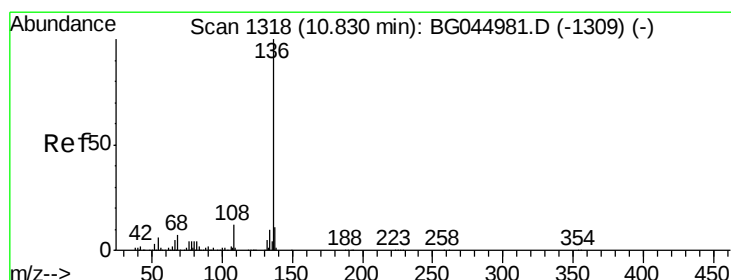
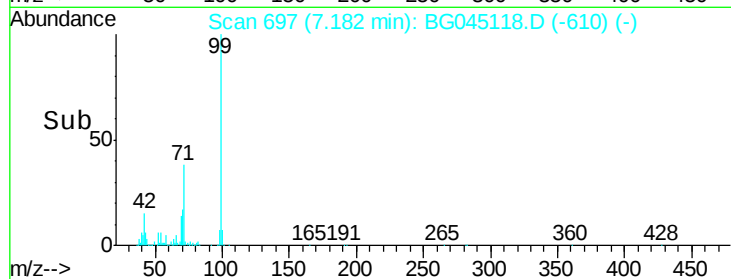
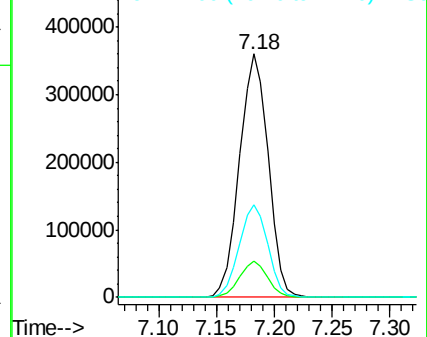
99 100

42 14.6 11.3 16.9

71 38.1 28.3 42.5



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: 10.82 min Scan# 1317

Delta R.T. -0.01 min

Lab File: BG045118.D

Acq: 21 Apr 2020 19:18

Tgt Ion: 136 Resp: 235305

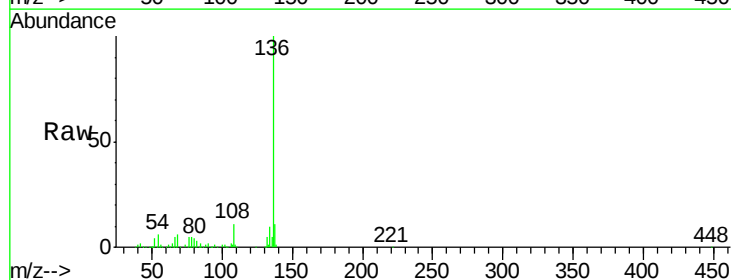
Ion Ratio Lower Upper

136 100

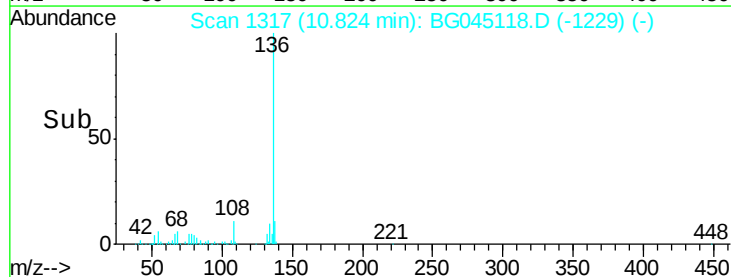
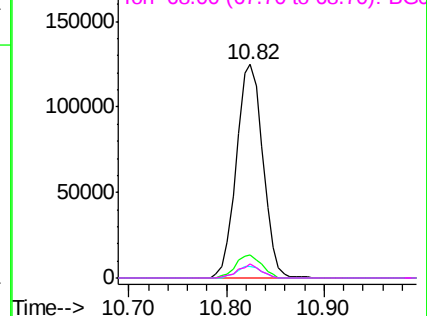
137 10.6 8.6 13.0

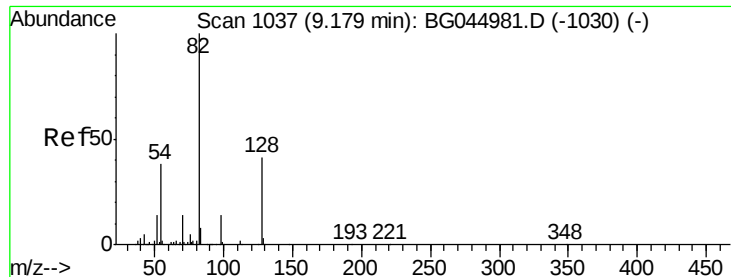
54 5.6 4.8 7.2

68 6.4 5.2 7.8



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

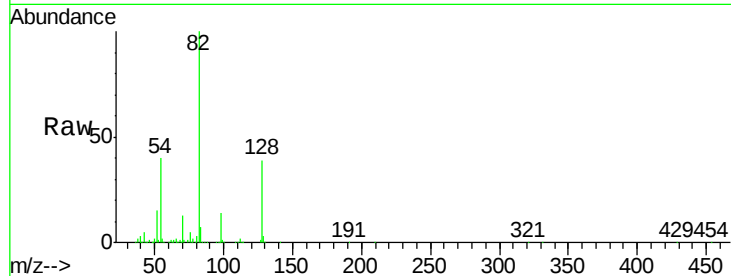




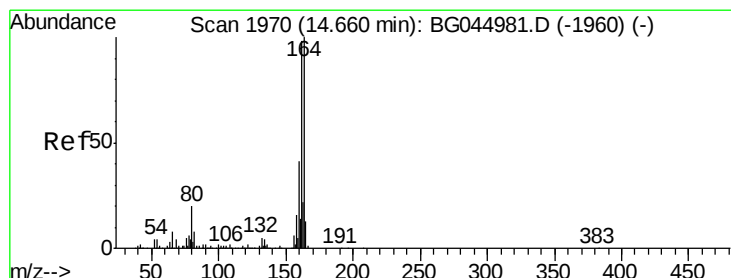
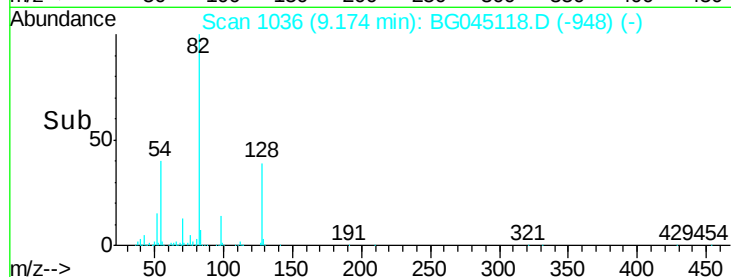
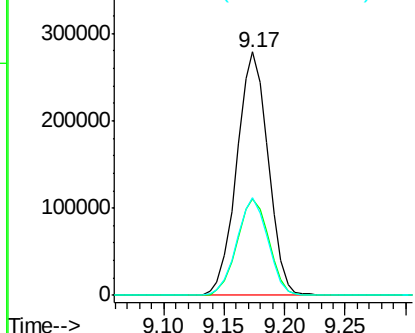
#23
 Nitrobenzene-d5
 Concen: 98.165 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BG045118.D
 Acq: 21 Apr 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-D

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.5	33.0	49.4
54	40.0	30.4	45.6

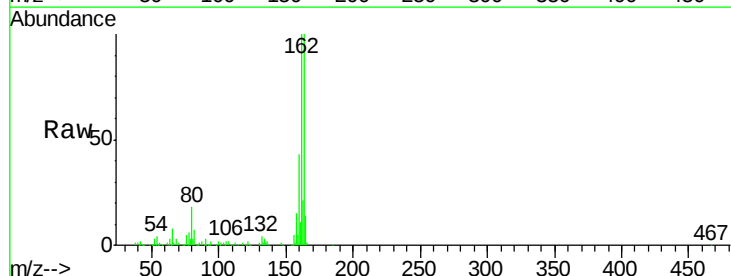


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

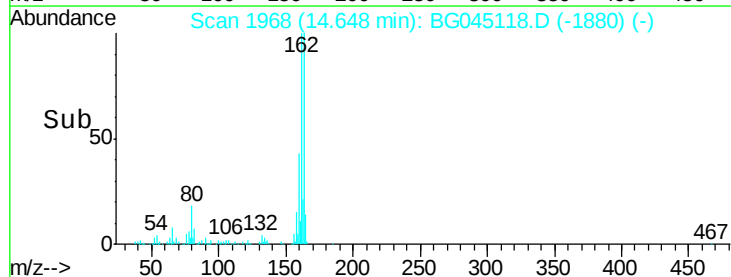
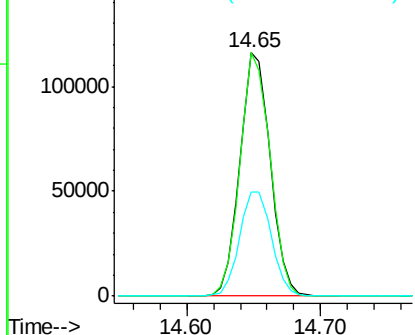


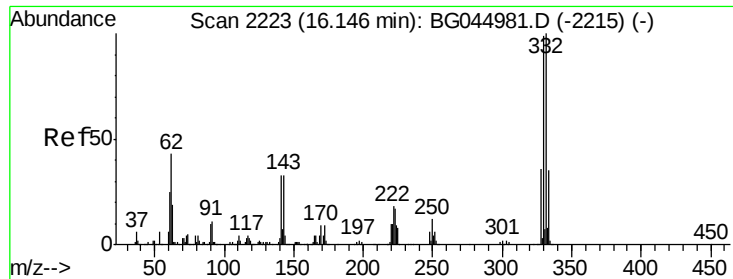
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG045118.D
 Acq: 21 Apr 2020 19:18

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	78.7	118.1
160	42.7	32.8	49.2



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

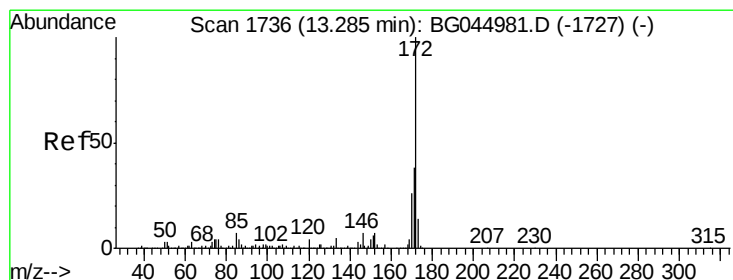
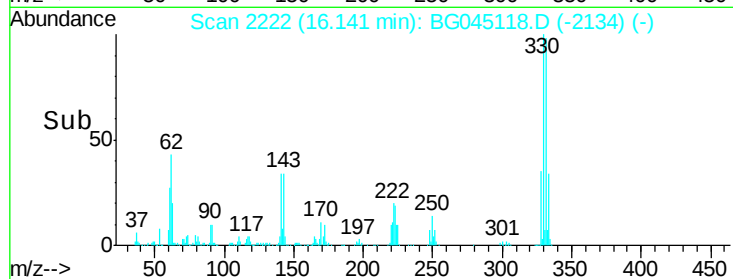
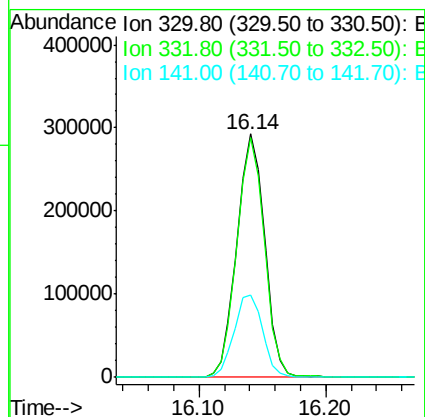
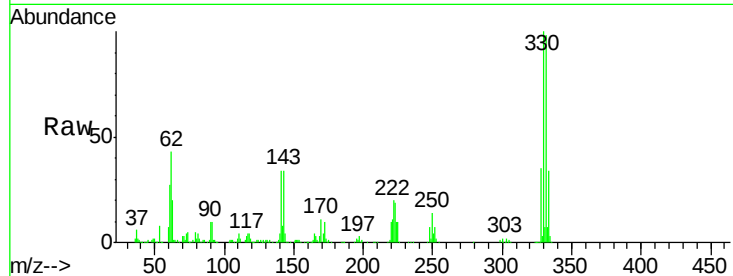




#42
 2,4,6-Tribromophenol
 Concen: 158.155 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG045118.D
 Acq: 21 Apr 2020 19:18

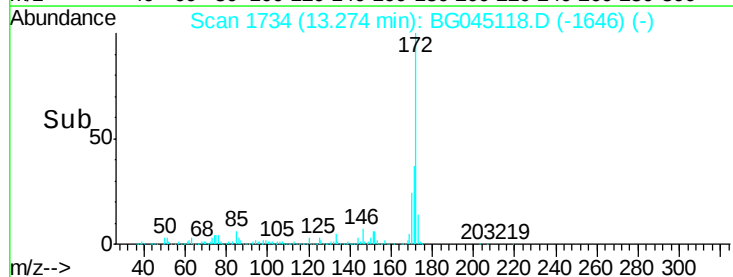
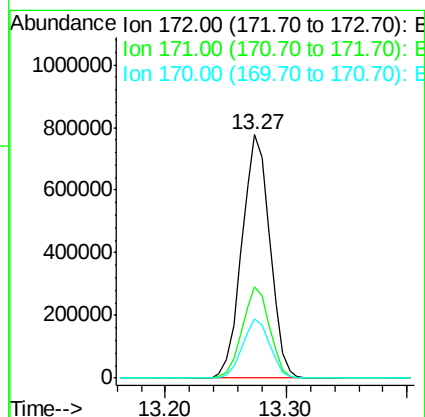
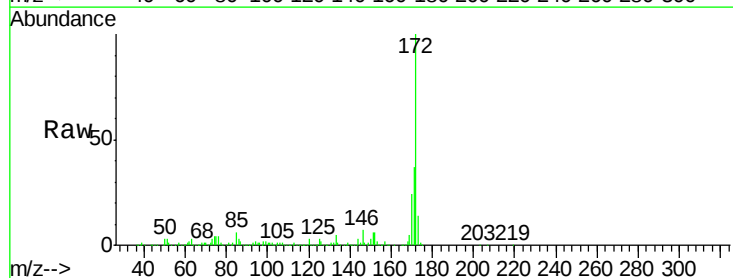
Instrument :
 BNA_G
 ClientSampleId :
 TP-1-D

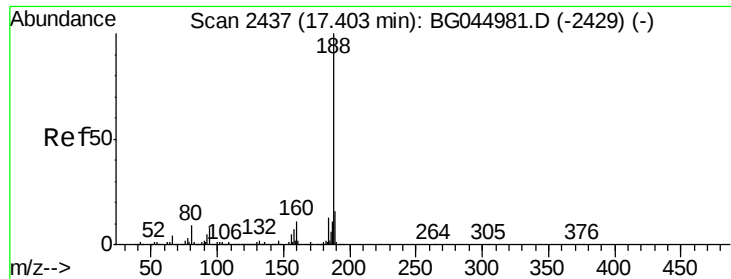
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	79.1	118.7
141	34.6	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 100.916 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG045118.D
 Acq: 21 Apr 2020 19:18

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.6	46.0
170	24.2	20.5	30.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG045118.D

Acq: 21 Apr 2020 19:18

Instrument :

BNA_G

ClientSampleId :

TP-1-D

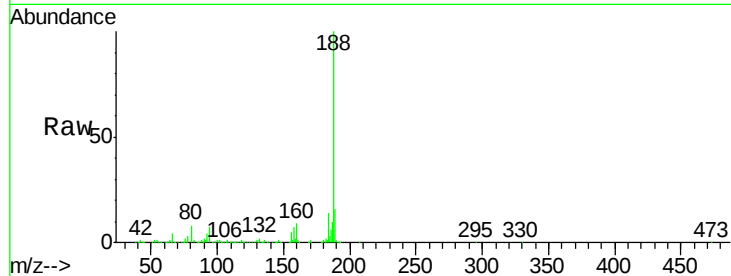
Tot Ion:188 Resp: 462955

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

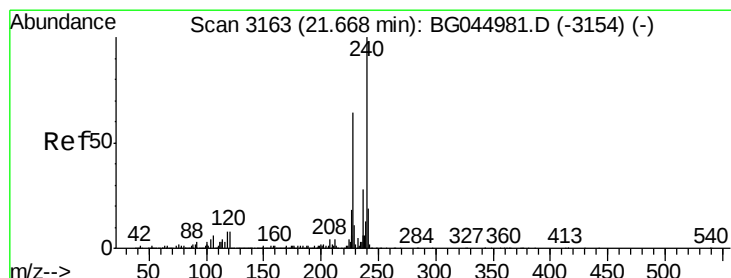
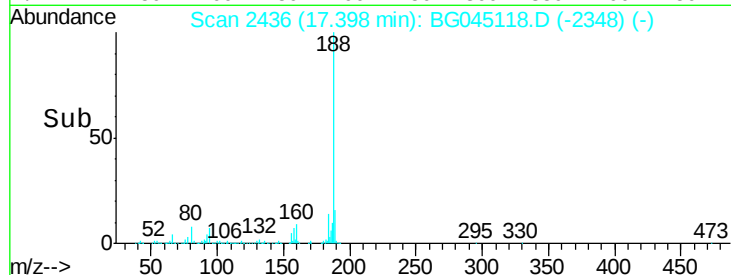
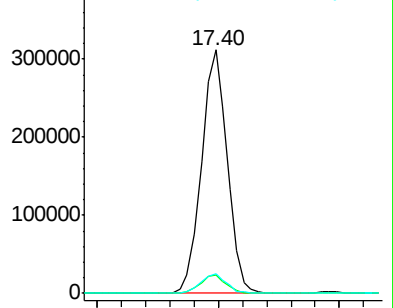
80 7.9 7.0 10.6



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: 21.66 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG045118.D

Acq: 21 Apr 2020 19:18

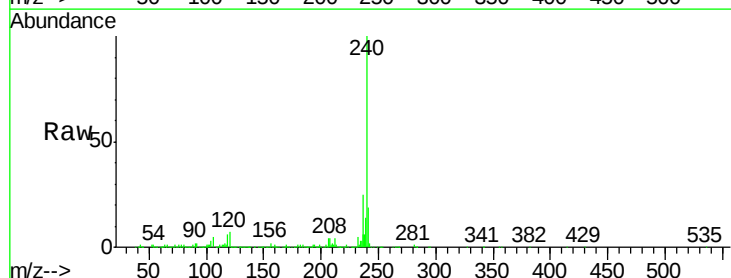
Tgt Ion:240 Resp: 453924

Ion Ratio Lower Upper

240 100

120 6.9 6.6 10.0

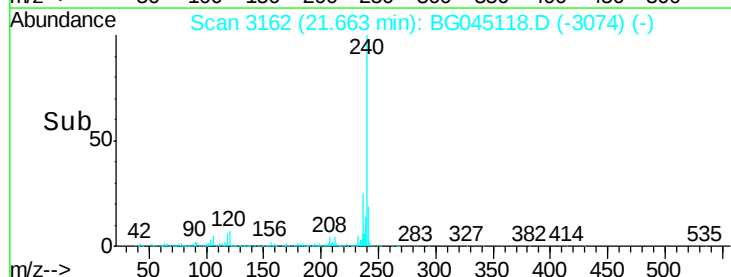
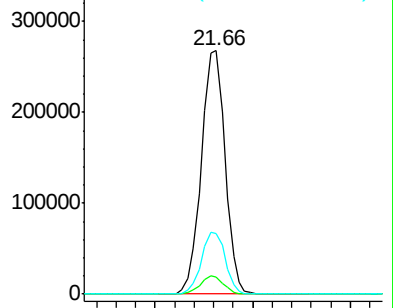
236 25.1 22.2 33.2

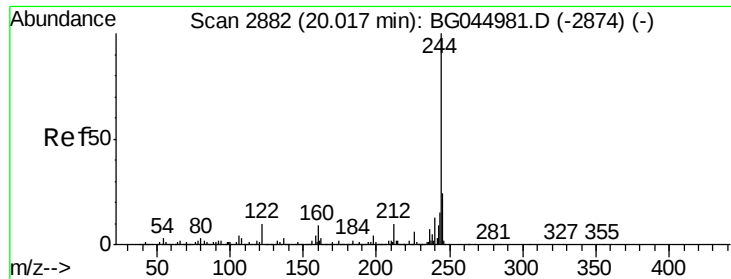


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

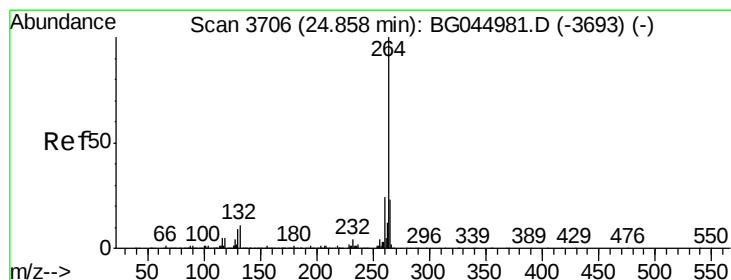
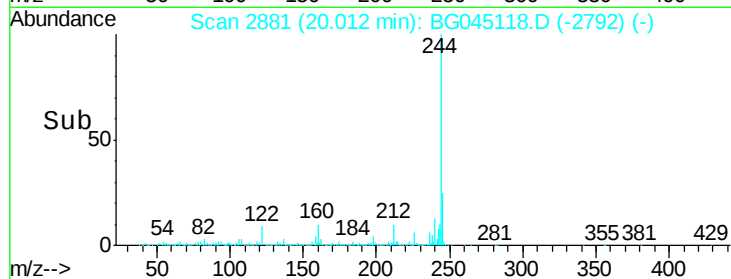
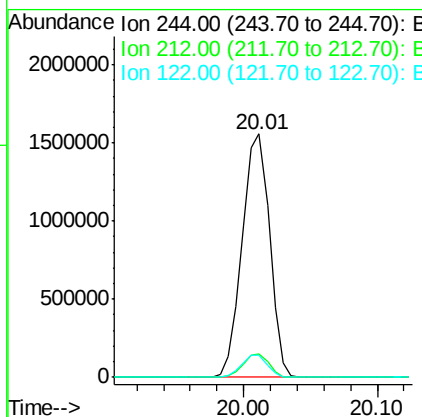
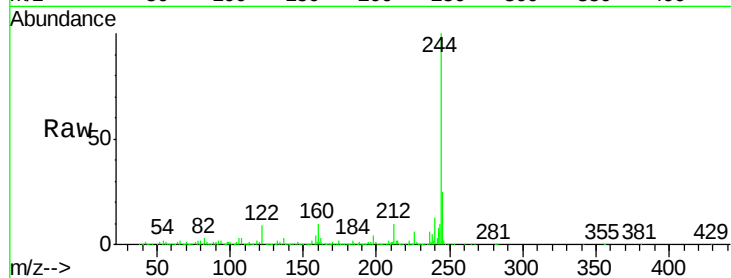




#79
 Terphenyl-d14
 Concen: 105.940 ng
 RT: 20.01 min Scan# 2881
 Delta R.T. -0.01 min
 Lab File: BG045118.D
 Acq: 21 Apr 2020 19:18

Instrument :
 BNA_G
 ClientSampleId :
 TP-1-D

Tot Ion:244 Resp: 2206344
 Ion Ratio Lower Upper
 244 100
 212 9.9 7.9 11.9
 122 9.1 7.7 11.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.85 min Scan# 3704
 Delta R.T. -0.02 min
 Lab File: BG045118.D
 Acq: 21 Apr 2020 19:18

Tgt Ion:264 Resp: 477609
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.2 28.8
 265 21.7 19.0 28.4

