

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
 Data File : BG045107.D
 Acq On : 21 Apr 2020 11:58
 Operator : CG/JU
 Sample : PB128352BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB128352BL

Quant Time: Apr 21 14:24:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 21 14:13:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	54927	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	236787	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	184477	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	463914	20.00	ng	0.00
76) Chrysene-d12	21.66	240	484372	20.00	ng	0.00
87) Perylene-d12	24.85	264	501587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	471927	141.85	ng	0.00
7) Phenol-d6	7.18	99	688890	139.36	ng	0.00
23) Nitrobenzene-d5	9.17	82	509188	98.12	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	423003	148.43	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	1250277	99.38	ng	0.00
79) Terphenyl-d14	20.01	244	2311279	104.00	ng	0.00

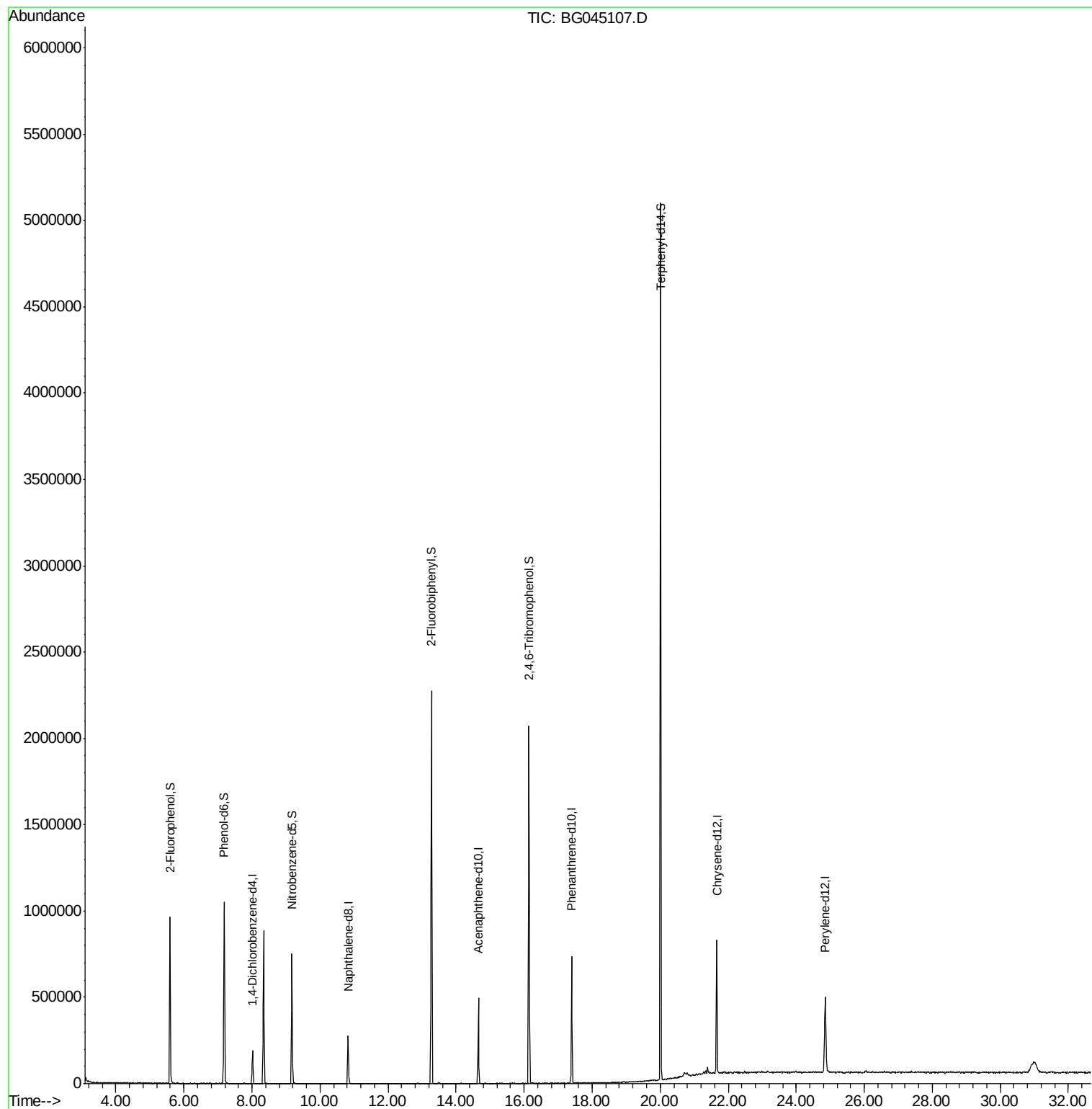
Target Compounds Qvalue

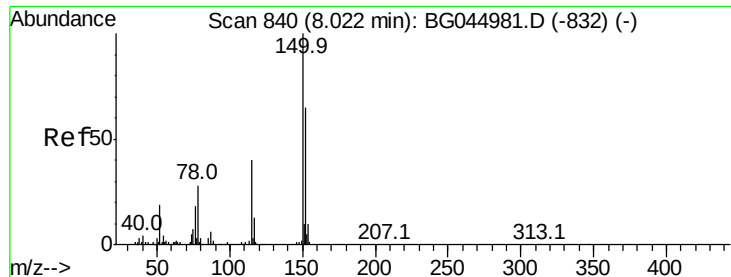
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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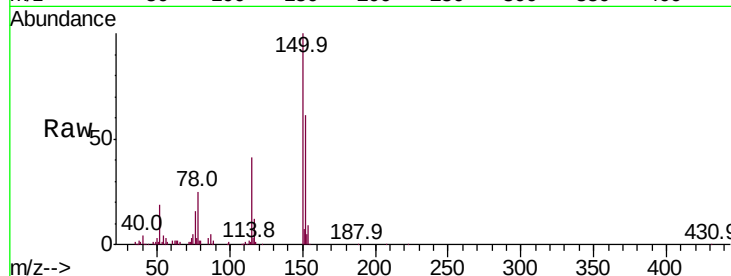


#1

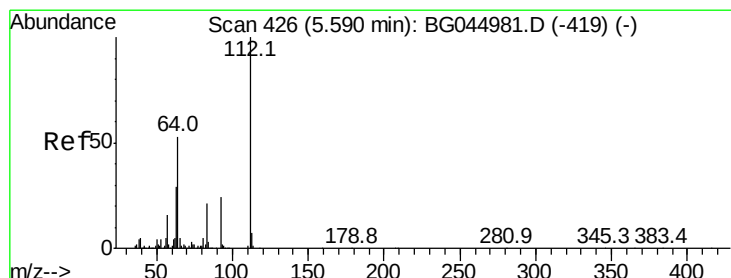
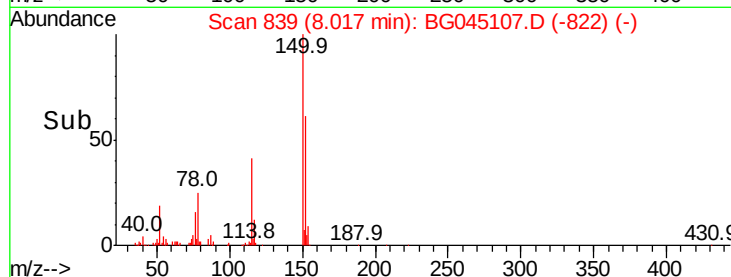
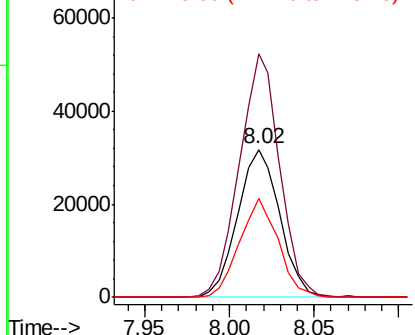
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.00 min
Lab File: BG045107.D
Acq: 21 Apr 2020 11:58

Instrument :
BNA_G
ClientSampleId :
PB128352BL

Tot Ion:152 Resp: 54927
Ion Ratio Lower Upper
152 100
150 164.8 123.6 185.4
115 67.4 49.1 73.7



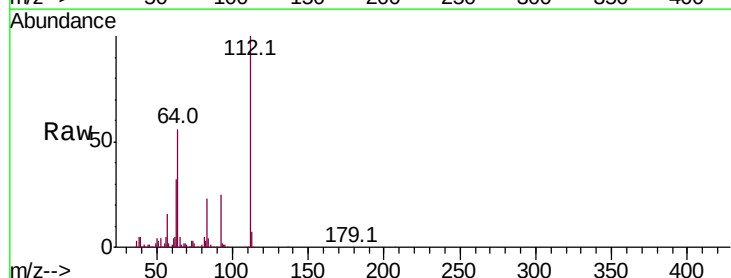
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



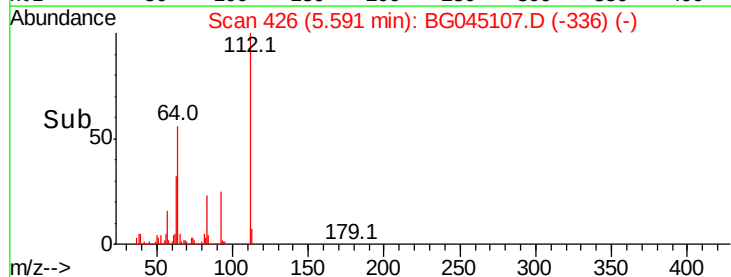
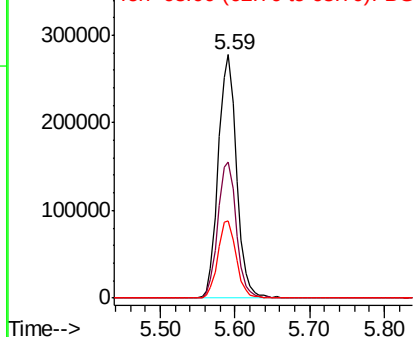
#5

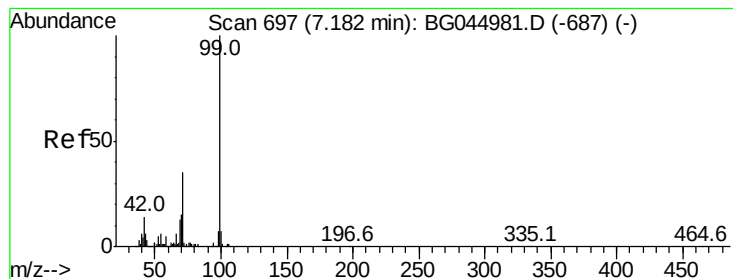
2-Fluorophenol
Concen: 141.848 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG045107.D
Acq: 21 Apr 2020 11:58

Tgt Ion:112 Resp: 471927
Ion Ratio Lower Upper
112 100
64 56.0 42.4 63.6
63 31.9 23.1 34.7



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





#7

Phenol-d6

Concen: 139.364 ng

RT: 7.18 min Scan# 697

Delta R.T. -0.01 min

Lab File: BG045107.D

Acq: 21 Apr 2020 11:58

Instrument :

BNA_G

ClientSampleId :

PB128352BL

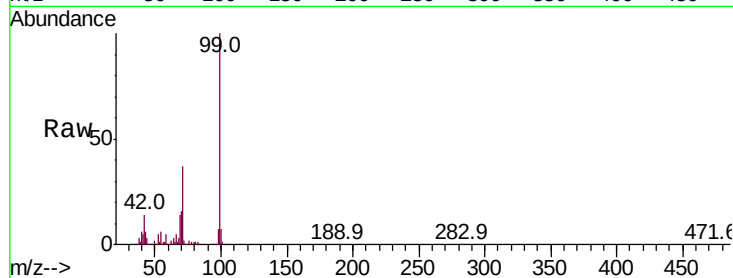
Tot Ion: 99 Resp: 688890

Ion Ratio Lower Upper

99 100

42 14.0 11.3 16.9

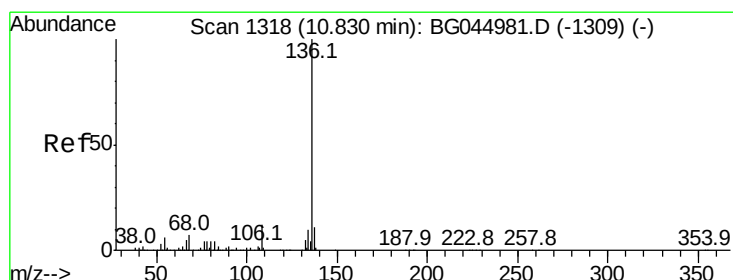
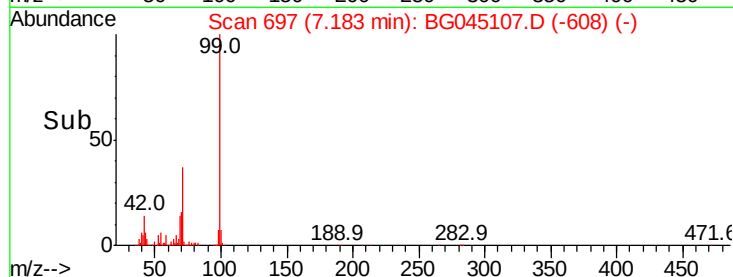
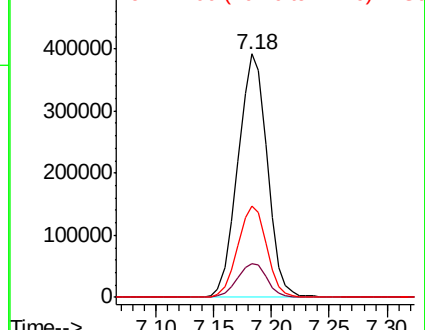
71 37.3 28.3 42.5



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: BG045107.D

Acq: 21 Apr 2020 11:58

Tgt Ion: 136 Resp: 236787

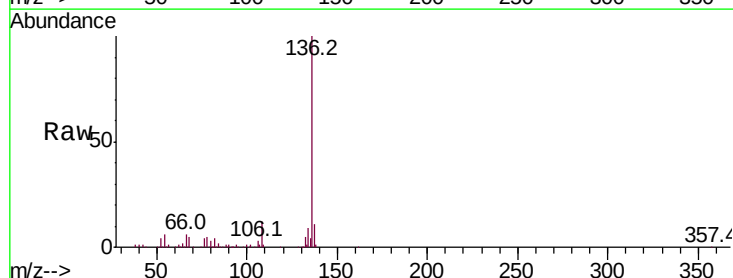
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 5.9 4.8 7.2

68 5.2 5.2 7.8#

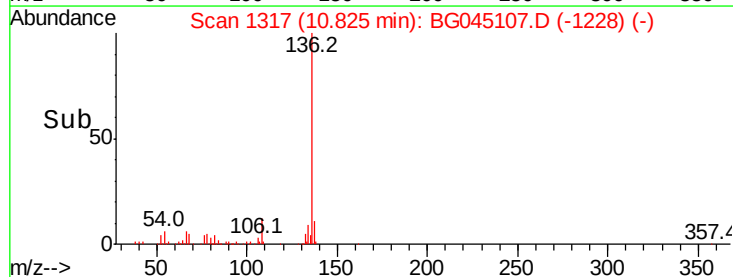
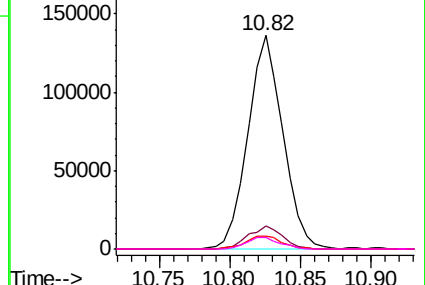


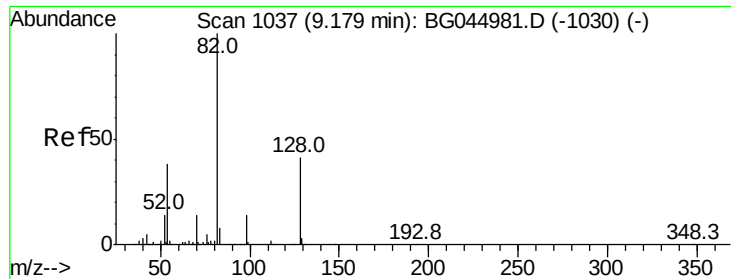
Abundance Ion 136.00 (135.70 to 136.70): BGC

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

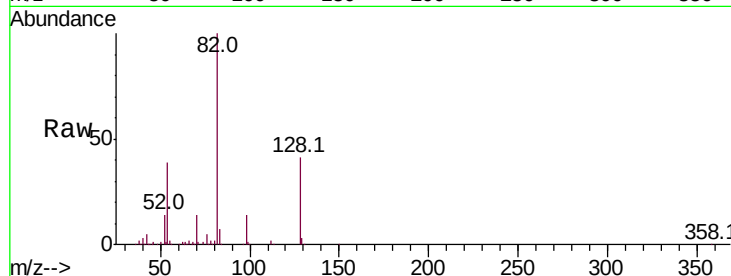




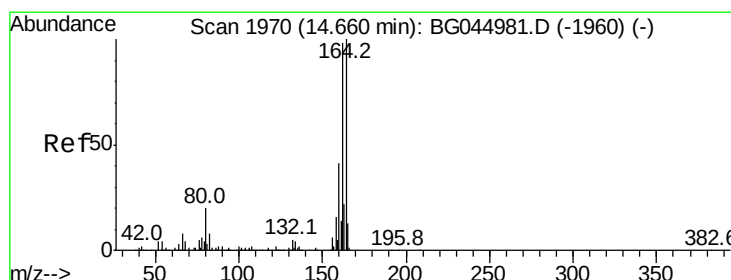
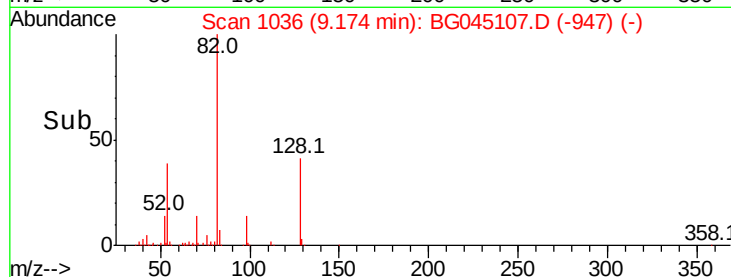
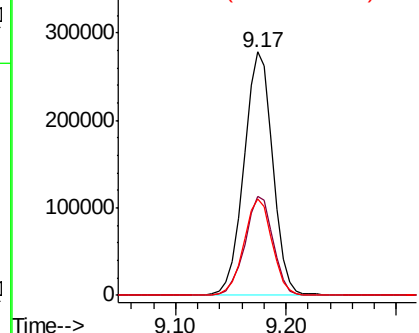
#23
Nitrobenzene-d5
Concen: 98.120 ng
RT: 9.17 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG045107.D
Acq: 21 Apr 2020 11:58

Instrument :
BNA_G
ClientSampleId :
PB128352BL

Tot Ion	82	Resp	509188
Ion Ratio	100	Lower	Upper
128	40.6	33.0	49.4
54	39.4	30.4	45.6

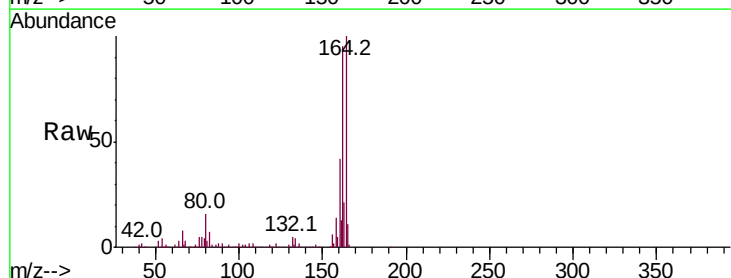


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

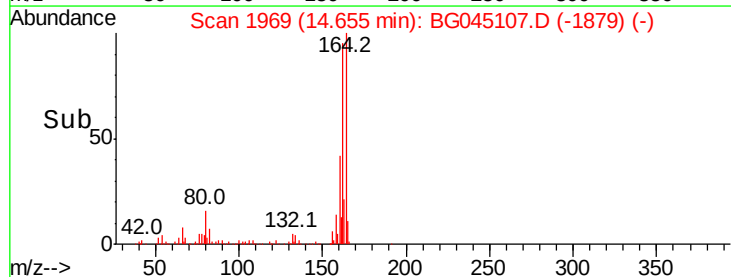
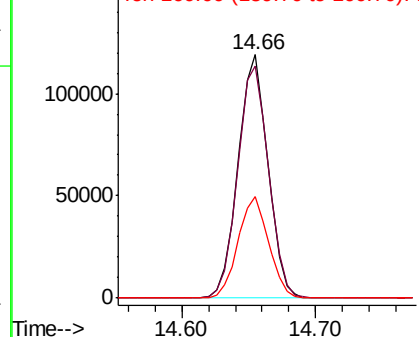


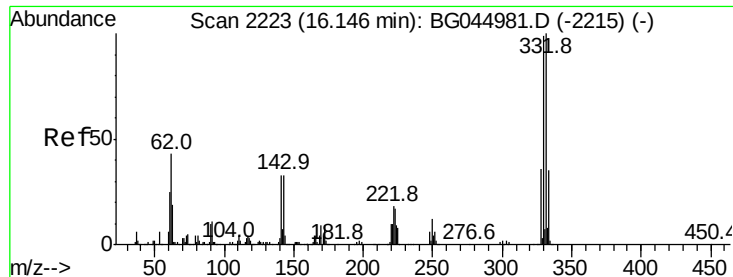
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1969
Delta R.T. -0.00 min
Lab File: BG045107.D
Acq: 21 Apr 2020 11:58

Tgt Ion	164	Resp	184477
Ion Ratio	100	Lower	Upper
162	95.4	78.7	118.1
160	41.6	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

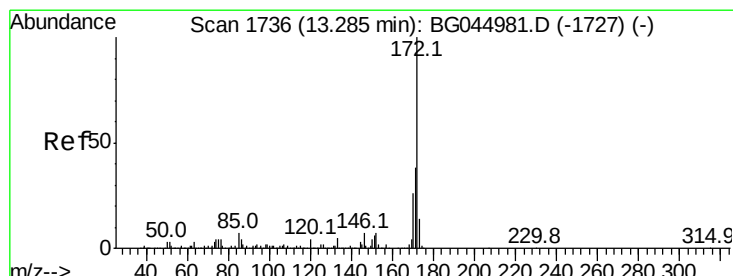
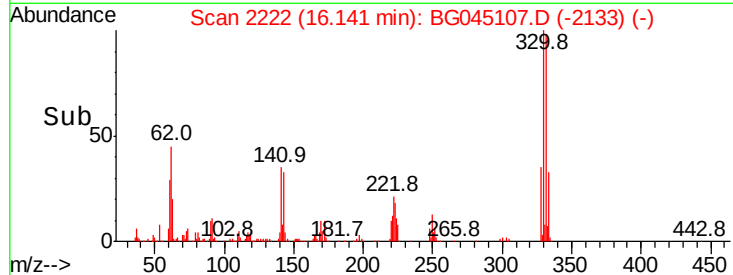
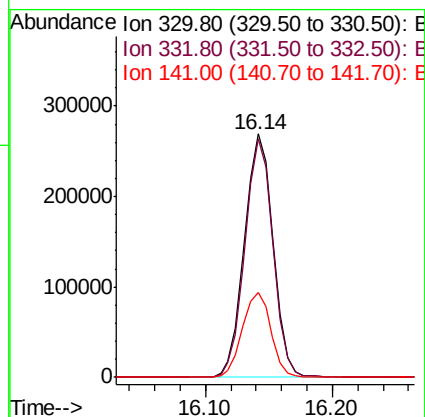
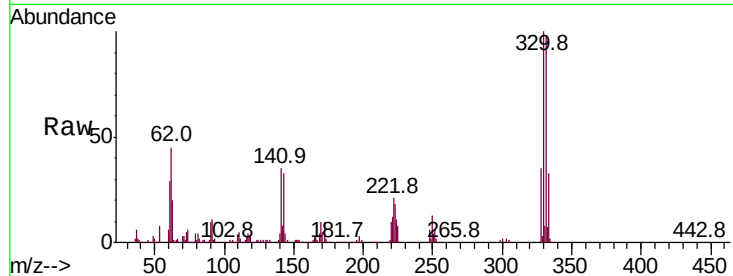




#42
 2,4,6-Tribromophenol
 Concen: 148.426 ng
 RT: 16.14 min Scan# 2222
 Delta R.T. -0.01 min
 Lab File: BG045107.D
 Acq: 21 Apr 2020 11:58

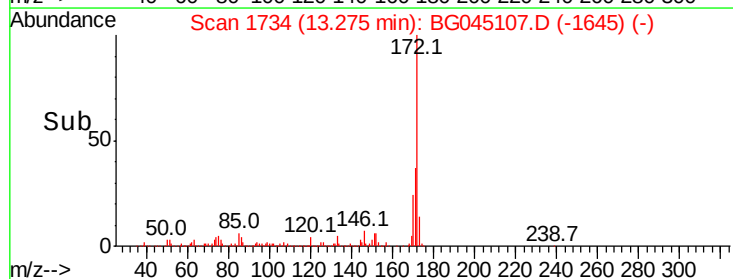
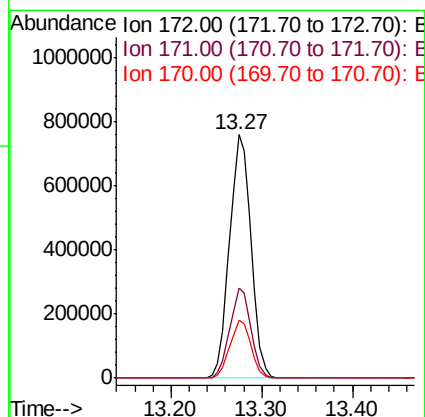
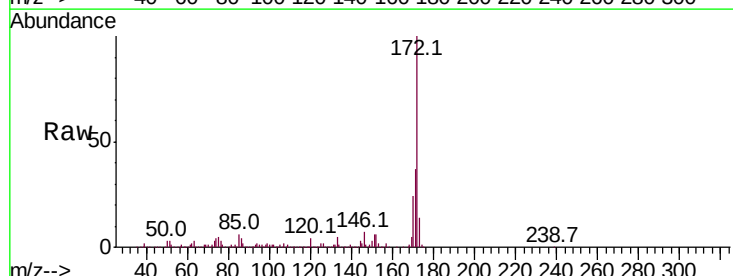
Instrument :
 BNA_G
 ClientSampleId :
 PB128352BL

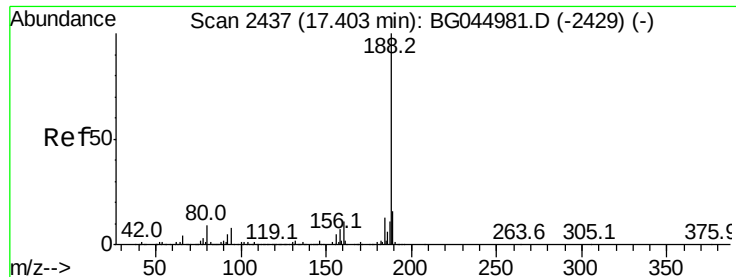
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	79.1	118.7
141	34.8	27.1	40.7



#45
 2-Fluorobiphenyl
 Concen: 99.378 ng
 RT: 13.27 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG045107.D
 Acq: 21 Apr 2020 11:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.6	46.0
170	24.0	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: BG045107.D

Acq: 21 Apr 2020 11:58

Instrument :

BNA_G

ClientSampleId :

PB128352BL

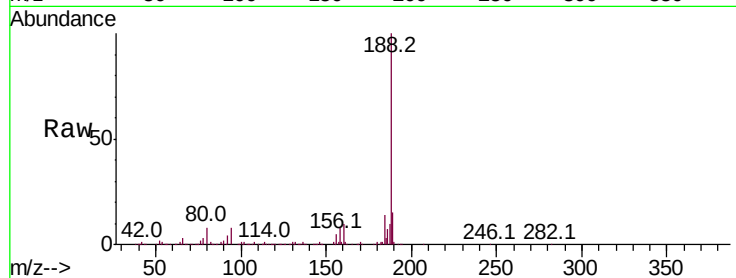
Tot Ion:188 Resp: 463914

Ion Ratio Lower Upper

188 100

94 7.8 6.2 9.4

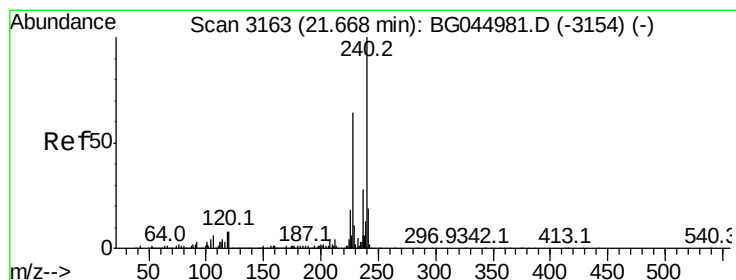
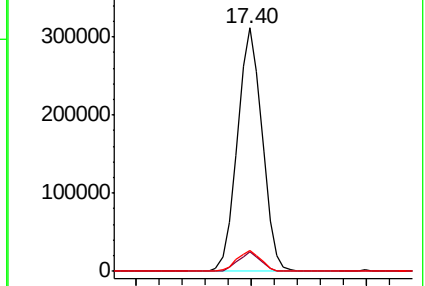
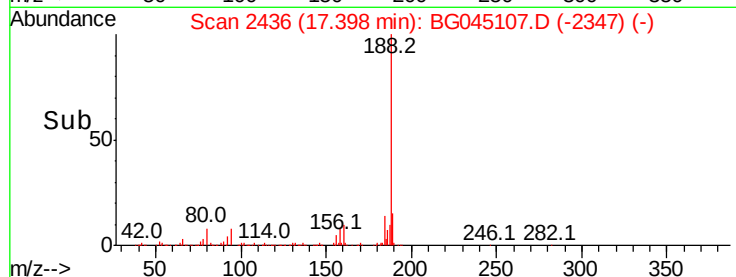
80 8.4 7.0 10.6



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: 21.66 min Scan# 3162

Delta R.T. -0.01 min

Lab File: BG045107.D

Acq: 21 Apr 2020 11:58

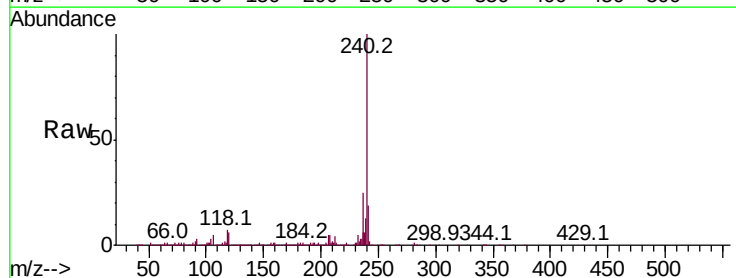
Tgt Ion:240 Resp: 484372

Ion Ratio Lower Upper

240 100

120 6.3 6.6 10.0#

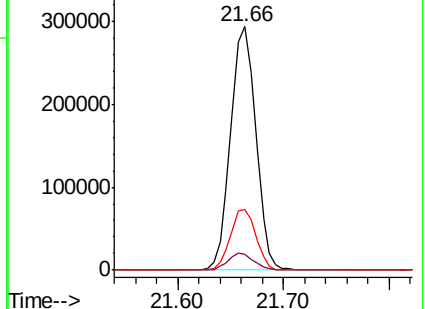
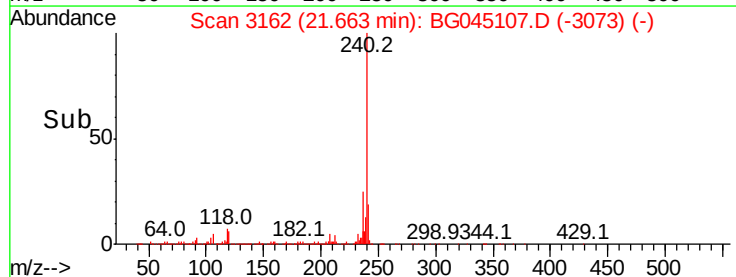
236 25.1 22.2 33.2

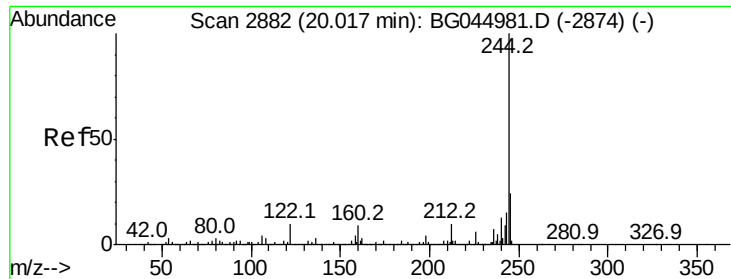


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 104.002 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045107.D

Acq: 21 Apr 2020 11:58

Instrument :

BNA_G

ClientSampleId :

PB128352BL

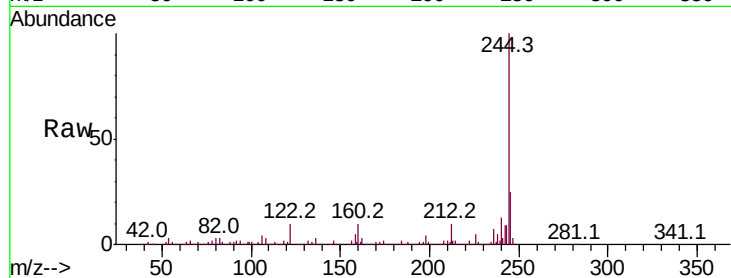
Tot Ion:244 Resp: 2311279

Ion Ratio Lower Upper

244 100

212 10.4 7.9 11.9

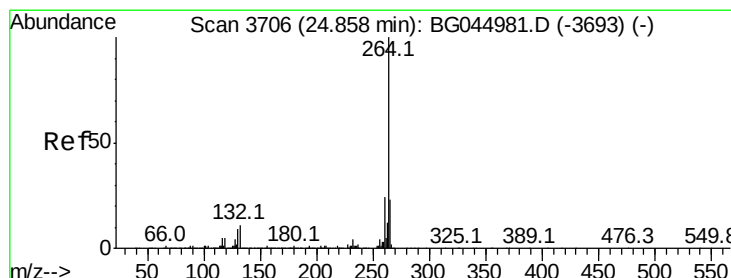
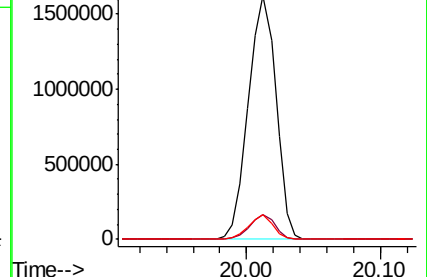
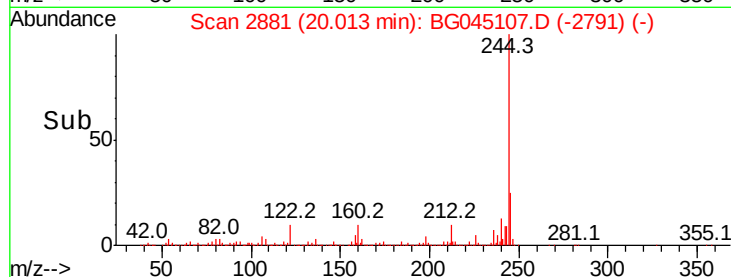
122 9.9 7.7 11.5



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG045107.D

Acq: 21 Apr 2020 11:58

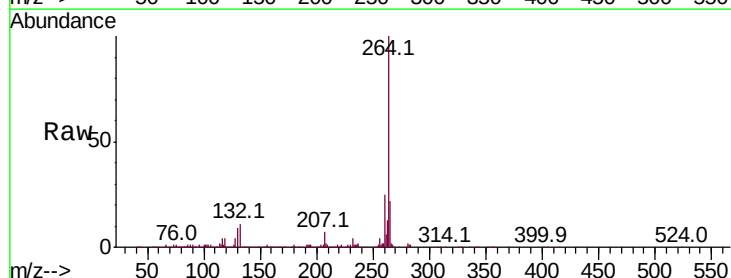
Tgt Ion:264 Resp: 501587

Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 21.8 19.0 28.4



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

