

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
 Data File : BG045111.D
 Acq On : 21 Apr 2020 14:38
 Operator : CG/JU
 Sample : L2344-03
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Apr 21 15:45:40 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	55938	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	234863	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	186763	20.00	ng	0.00
64) Phenanthrene-d10	17.40	188	466912	20.00	ng	0.00
76) Chrysene-d12	21.66	240	465690	20.00	ng	0.00
87) Perylene-d12	24.85	264	493481	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	453696	133.90	ng	0.00
7) Phenol-d6	7.19	99	609842	121.14	ng	0.00
23) Nitrobenzene-d5	9.17	82	536312	104.19	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	456145	158.10	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1315084	103.25	ng	0.00
79) Terphenyl-d14	20.01	244	2402415	112.44	ng	0.00

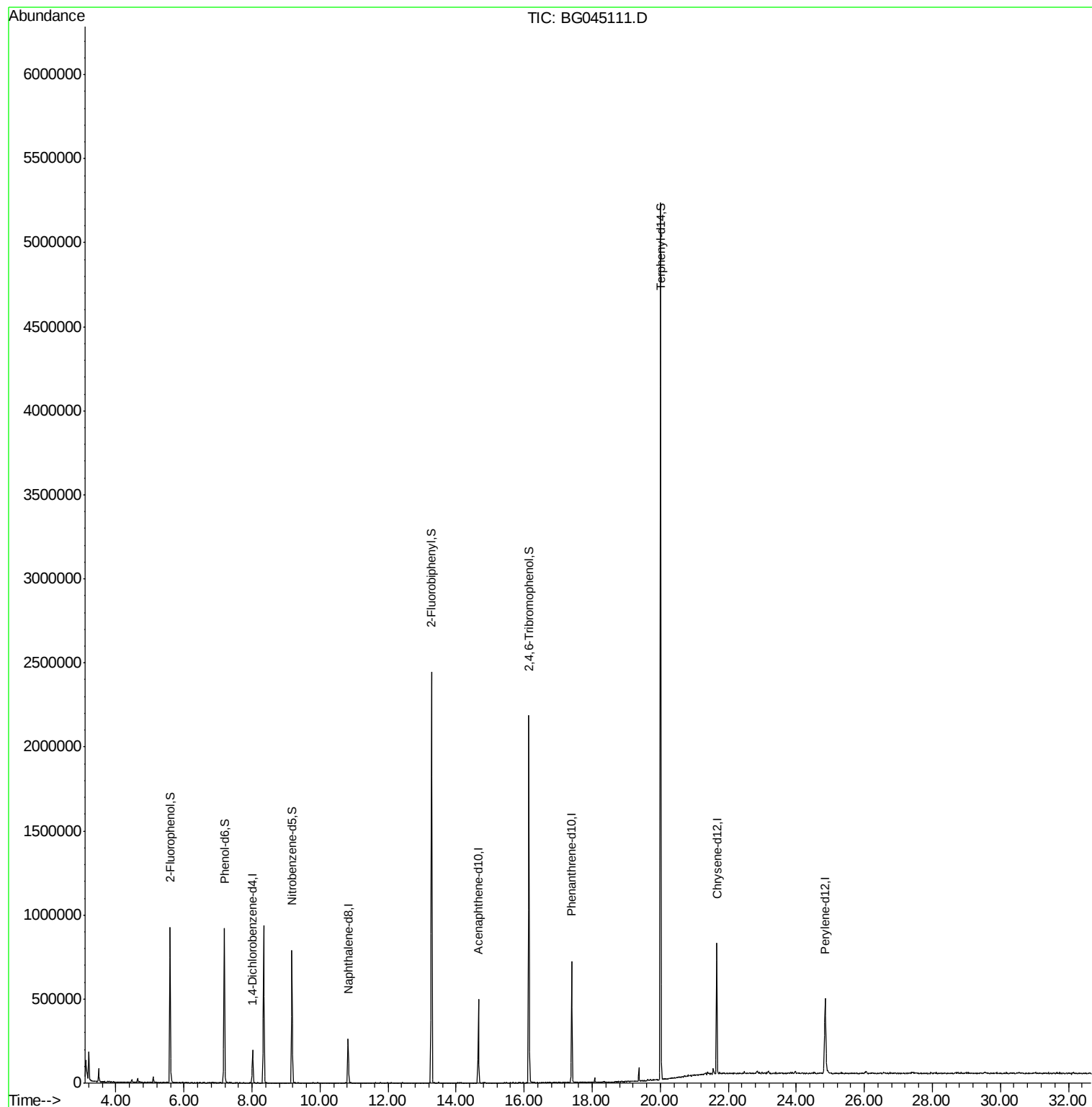
Target Compounds Qvalue

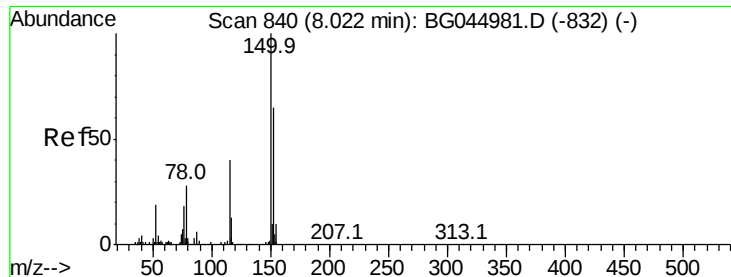
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
Data File : BG045111.D
Acq On : 21 Apr 2020 14:38
Operator : CG/JU
Sample : L2344-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2

Quant Time: Apr 21 15:45:40 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



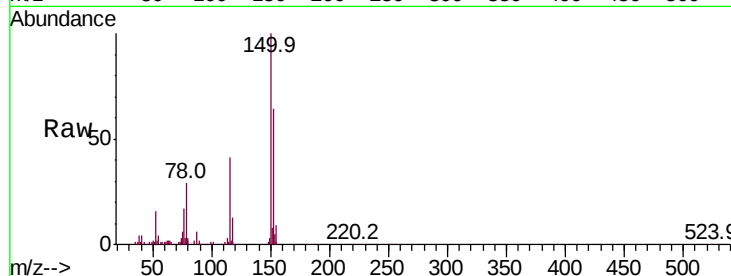


#1

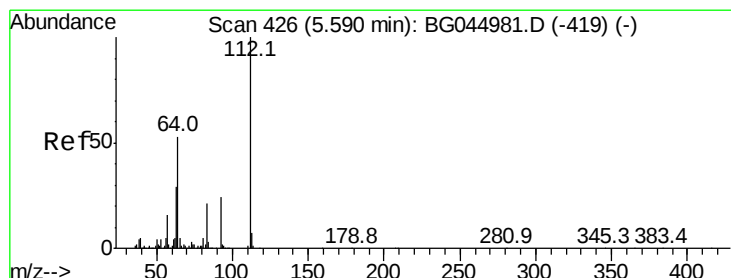
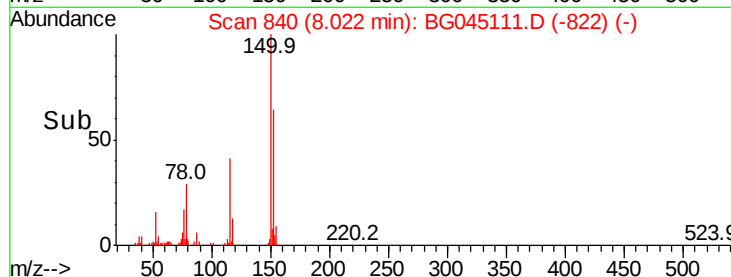
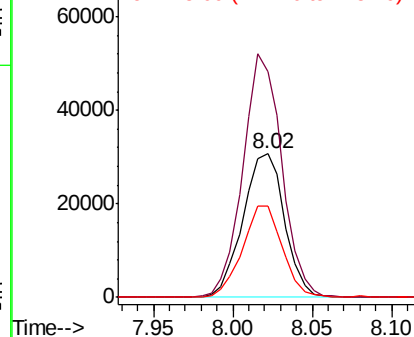
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. 0.00 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Instrument :
BNA_G
ClientSampleId :
TP-2

Tot Ion:152 Resp: 55938
Ion Ratio Lower Upper
152 100
150 157.3 123.6 185.4
115 64.0 49.1 73.7



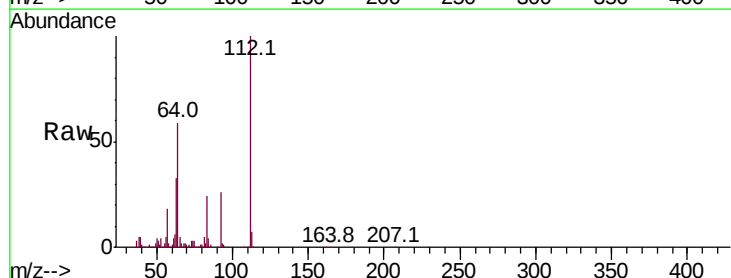
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



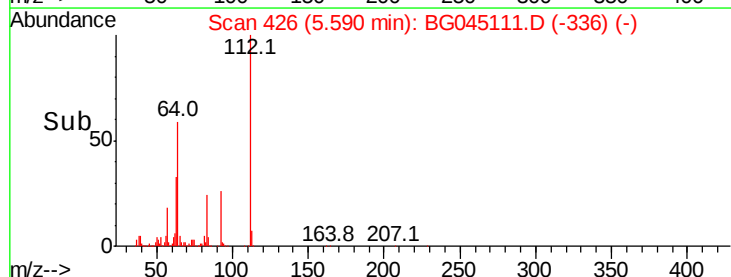
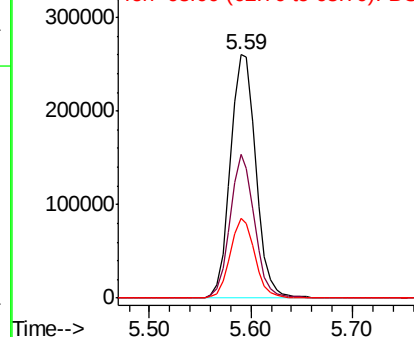
#5

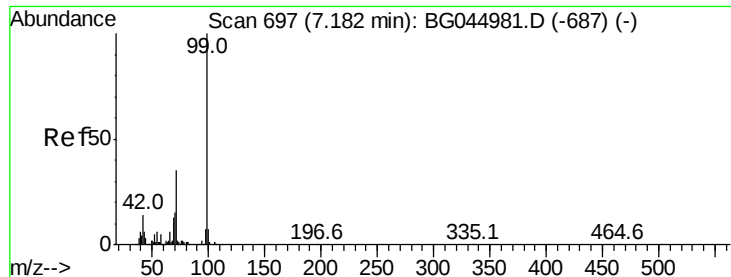
2-Fluorophenol
Concen: 133.903 ng
RT: 5.59 min Scan# 426
Delta R.T. -0.00 min
Lab File: BG045111.D
Acq: 21 Apr 2020 14:38

Tgt Ion:112 Resp: 453696
Ion Ratio Lower Upper
112 100
64 59.0 42.4 63.6
63 32.8 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: 121.143 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.00 min

Lab File: BG045111.D

Acq: 21 Apr 2020 14:38

Instrument :

BNA_G

ClientSampleId :

TP-2

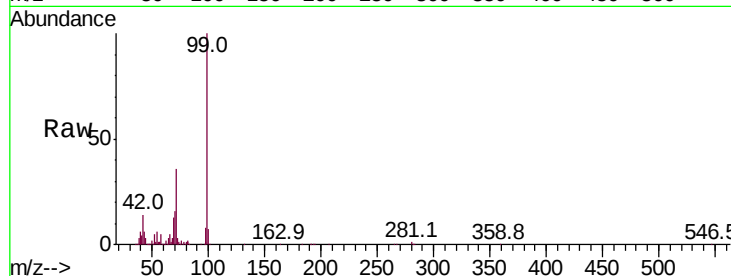
Tot Ion: 99 Resp: 609842

Ion Ratio Lower Upper

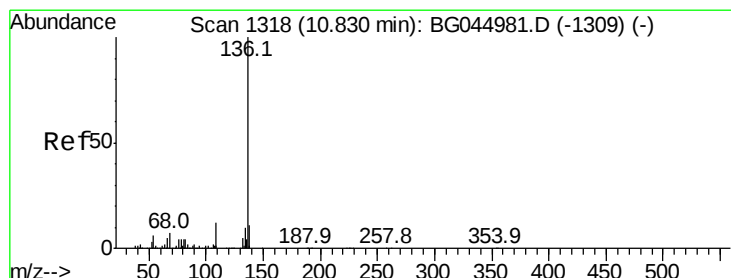
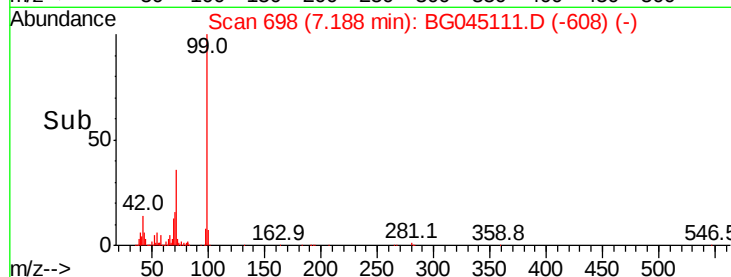
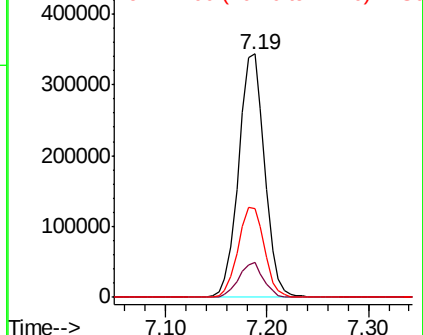
99 100

42 14.3 11.3 16.9

71 36.4 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: BG045111.D

Acq: 21 Apr 2020 14:38

Tgt Ion: 136 Resp: 234863

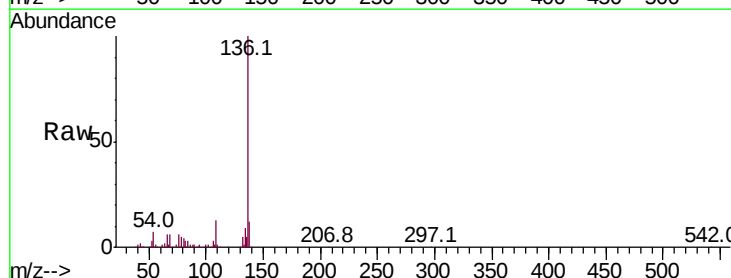
Ion Ratio Lower Upper

136 100

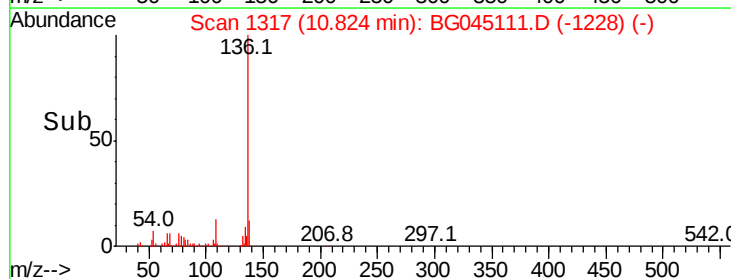
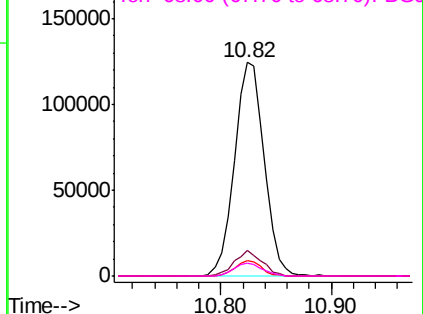
137 11.8 8.6 13.0

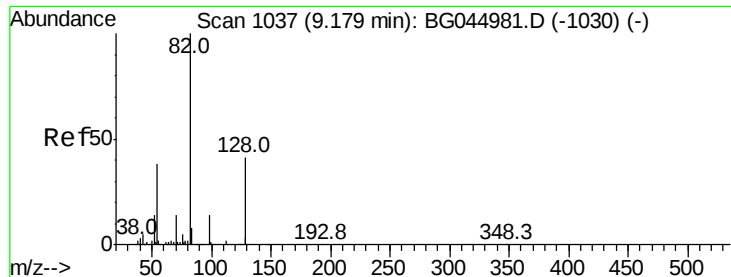
54 6.9 4.8 7.2

68 6.3 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: 104.194 ng

RT: 9.17 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BG045111.D

Acq: 21 Apr 2020 14:38

Instrument :

BNA_G

ClientSampleId :

TP-2

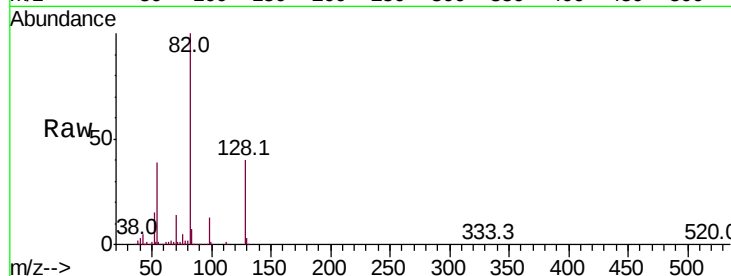
Tot Ion: 82 Resp: 536312

Ion Ratio Lower Upper

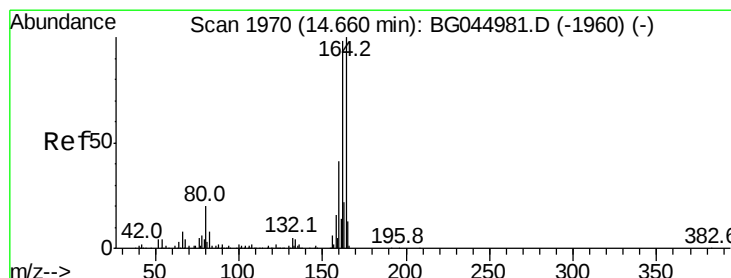
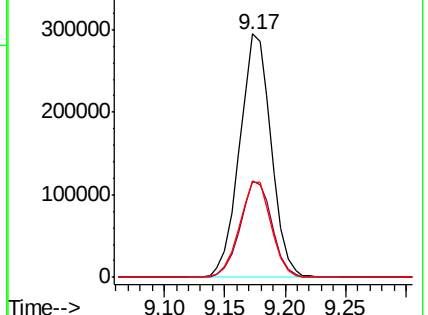
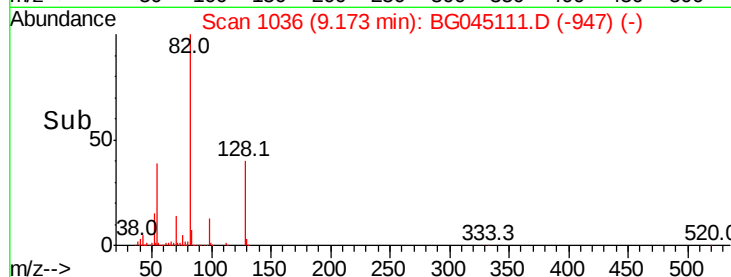
82 100

128 39.8 33.0 49.4

54 39.2 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# 1969

Delta R.T. -0.00 min

Lab File: BG045111.D

Acq: 21 Apr 2020 14:38

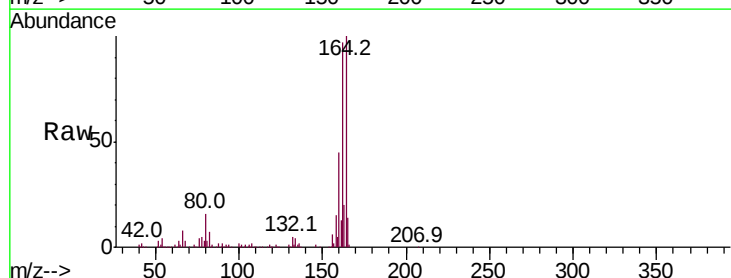
Tgt Ion:164 Resp: 186763

Ion Ratio Lower Upper

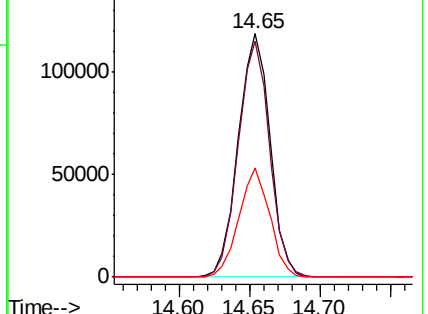
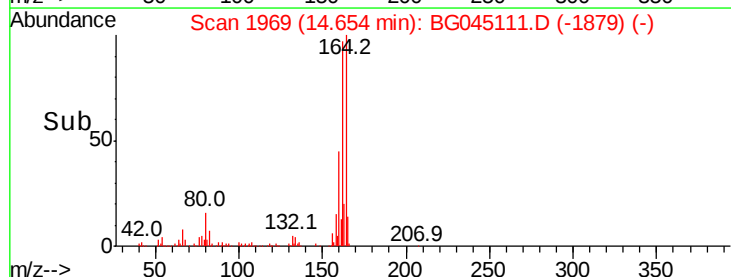
164 100

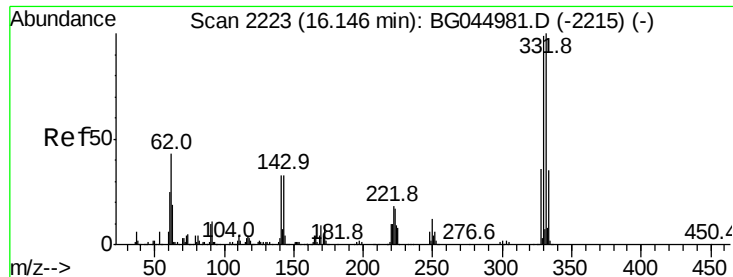
162 97.0 78.7 118.1

160 44.7 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

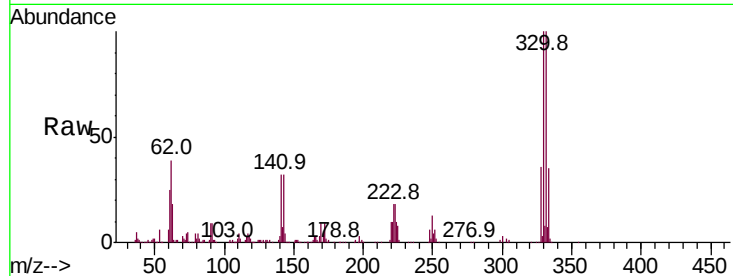




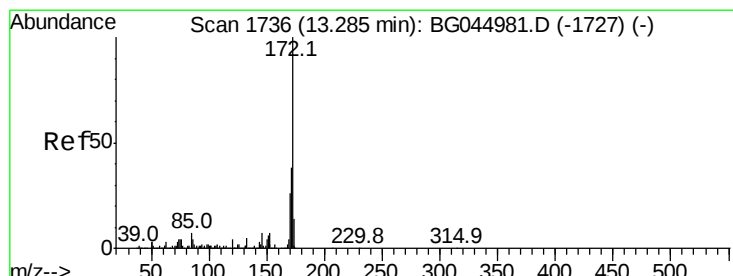
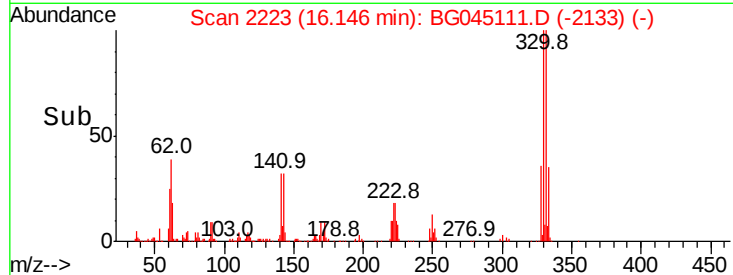
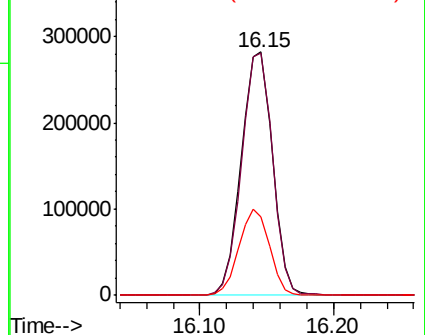
#42
 2,4,6-Tribromophenol
 Concen: 158.096 ng
 RT: 16.15 min Scan# 2223
 Delta R.T. -0.00 min
 Lab File: BG045111.D
 Acq: 21 Apr 2020 14:38

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.6	79.1	118.7
141	34.7	27.1	40.7

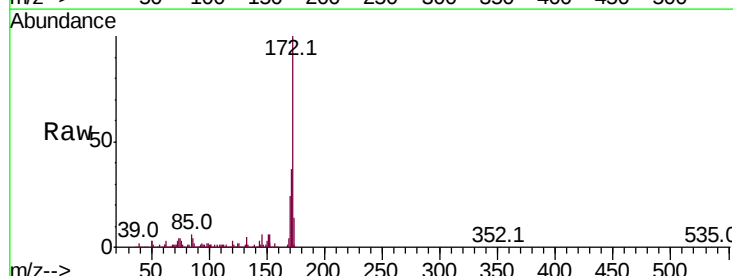


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

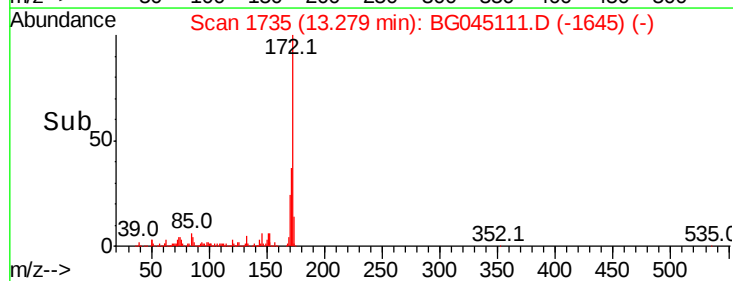
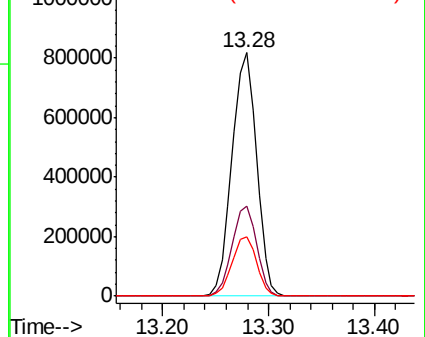


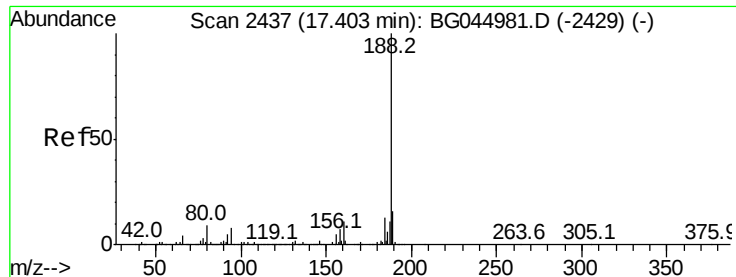
#45
 2-Fluorobiphenyl
 Concen: 103.250 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG045111.D
 Acq: 21 Apr 2020 14:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.6	46.0
170	24.3	20.5	30.7



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: 17.40 min Scan# 2436

Delta R.T. -0.01 min

Lab File: BG045111.D

Acq: 21 Apr 2020 14:38

Instrument :

BNA_G

ClientSampleId :

TP-2

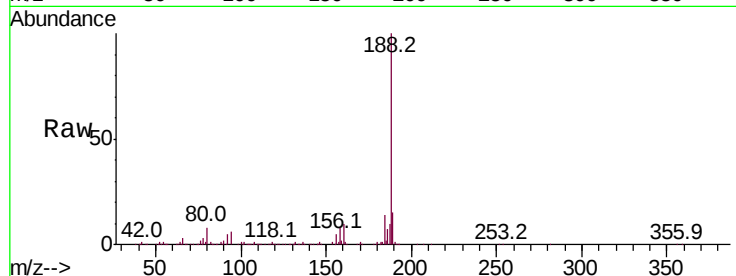
Tot Ion:188 Resp: 466912

Ion Ratio Lower Upper

188 100

94 6.5 6.2 9.4

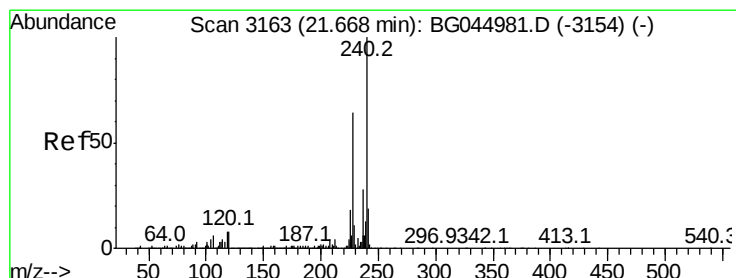
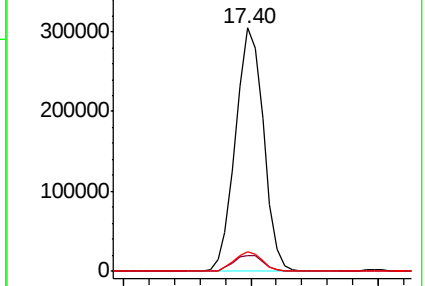
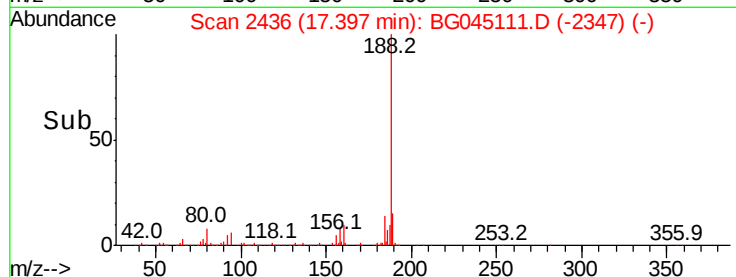
80 8.1 7.0 10.6



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: BG045111.D

Acq: 21 Apr 2020 14:38

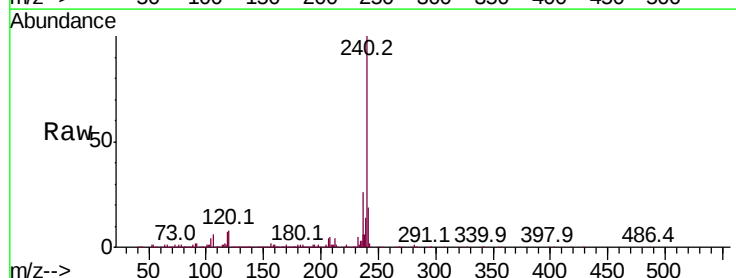
Tgt Ion:240 Resp: 465690

Ion Ratio Lower Upper

240 100

120 7.7 6.6 10.0

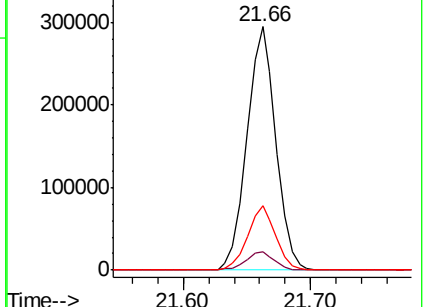
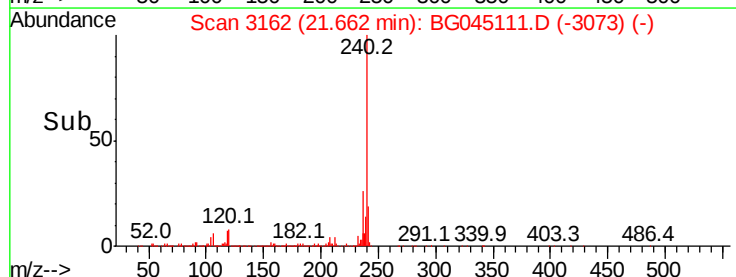
236 26.2 22.2 33.2

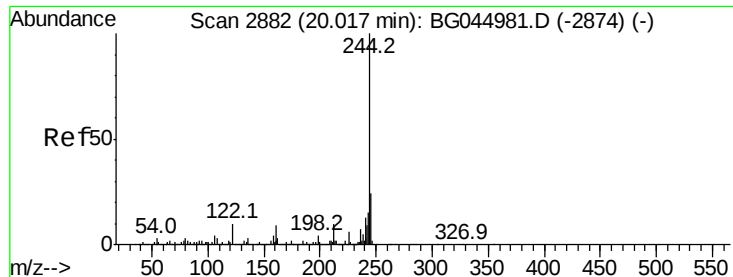


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 112.440 ng

RT: 20.01 min Scan# 2881

Delta R.T. -0.00 min

Lab File: BG045111.D

Acq: 21 Apr 2020 14:38

Instrument :

BNA_G

ClientSampleId :

TP-2

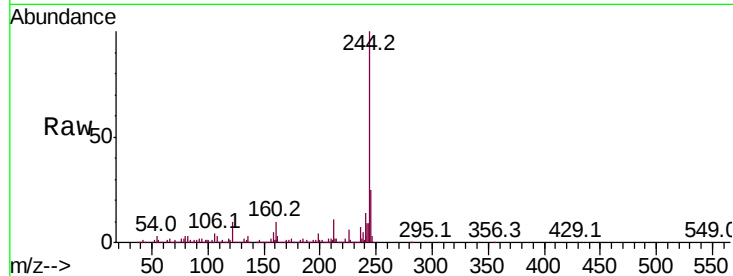
Tot Ion:244 Resp: 2402415

Ion Ratio Lower Upper

244 100

212 10.7 7.9 11.9

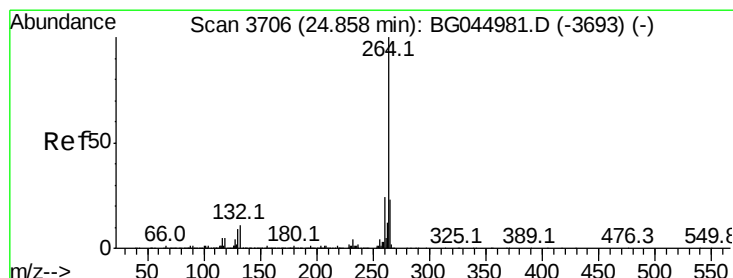
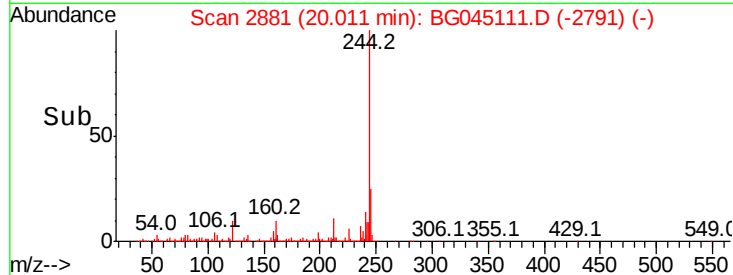
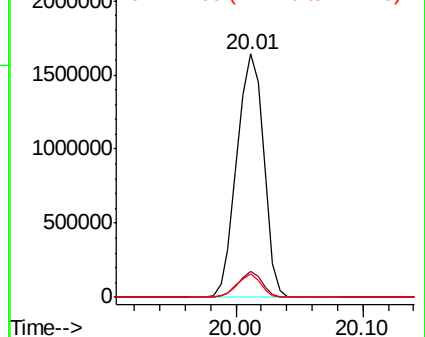
122 9.6 7.7 11.5



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: BG045111.D

Acq: 21 Apr 2020 14:38

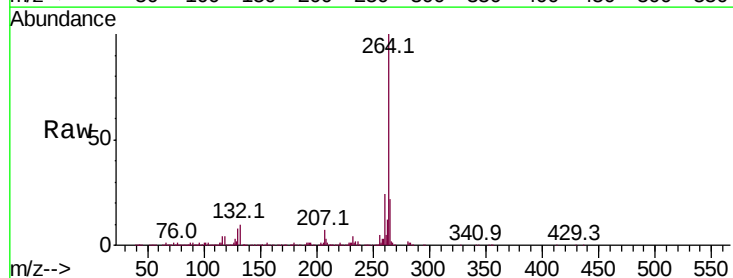
Tgt Ion:264 Resp: 493481

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.1 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

