

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045302.D
 Acq On : 11 May 2020 18:44
 Operator : CG/JU
 Sample : L2557-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-12A

Quant Time: May 11 19:20:53 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 11 13:27:41 2020
 Response via : Initial Calibration

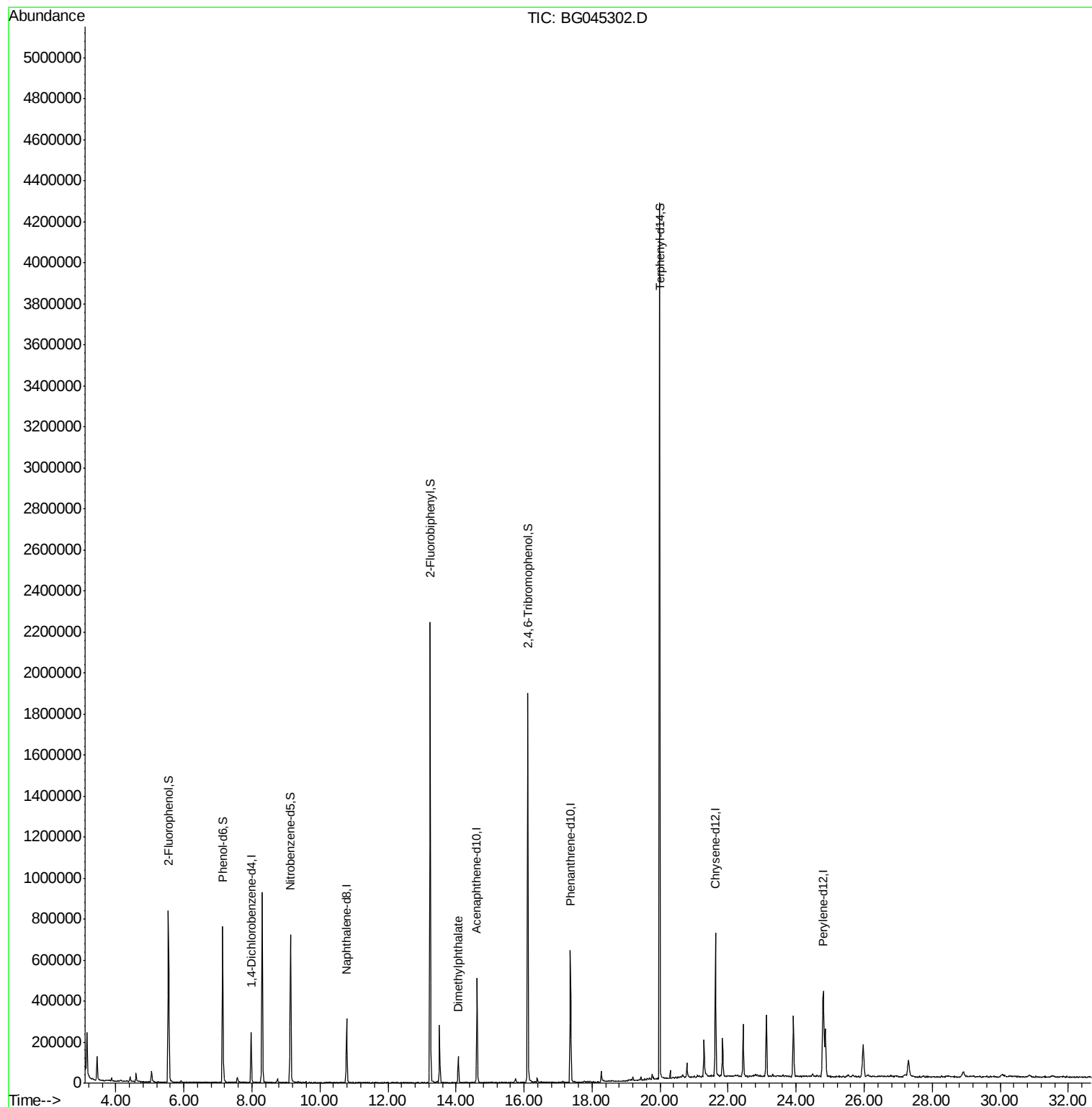
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	74305	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	279605	20.00	ng	0.00
39) Acenaphthene-d10	14.62	164	190018	20.00	ng	0.00
64) Phenanthrene-d10	17.37	188	438661	20.00	ng	0.00
76) Chrysene-d12	21.63	240	442375	20.00	ng	0.00
87) Perylene-d12	24.80	264	481030	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	428255	95.15	ng	0.00
7) Phenol-d6	7.14	99	537808	80.43	ng	0.00
23) Nitrobenzene-d5	9.14	82	506842	82.71	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	389882	132.81	ng	0.00
45) 2-Fluorobiphenyl	13.24	172	1172562	90.48	ng	0.00
79) Terphenyl-d14	19.99	244	2044363	100.73	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.06	163	93639	6.05	ng	Qvalue 99

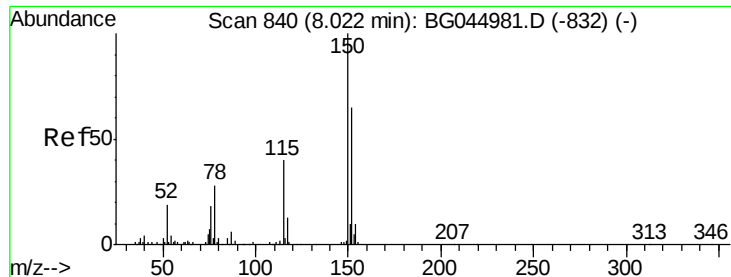
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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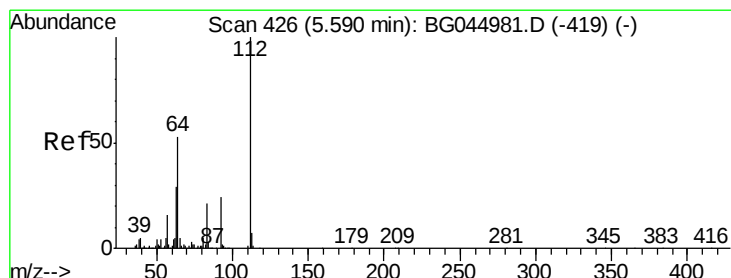
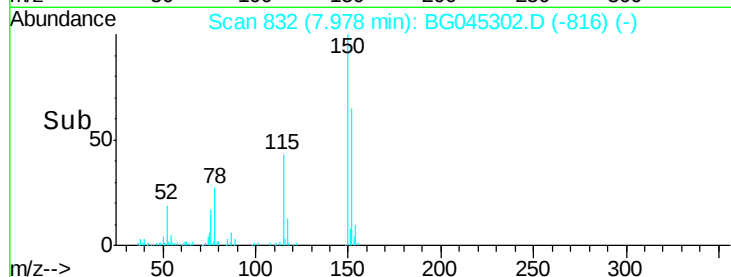
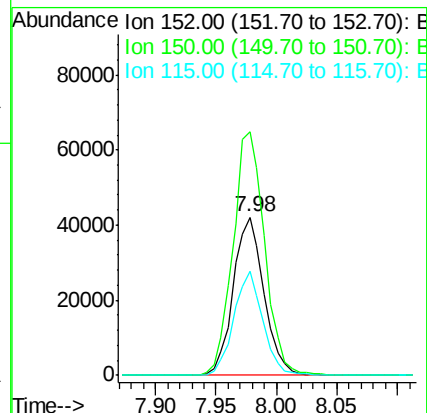
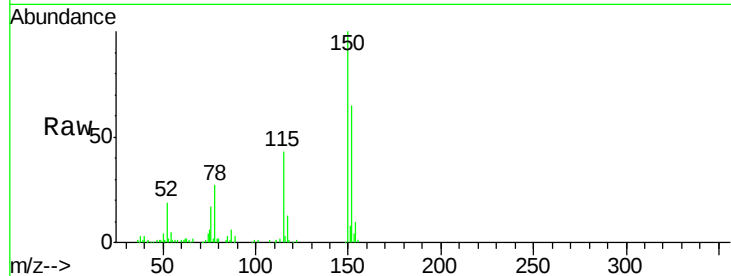


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.98 min Scan# 832
Delta R.T. -0.00 min
Lab File: BG045302.D
Acq: 11 May 2020 18:44

Instrument :
BNA_G
ClientSampleId :
TP-12A

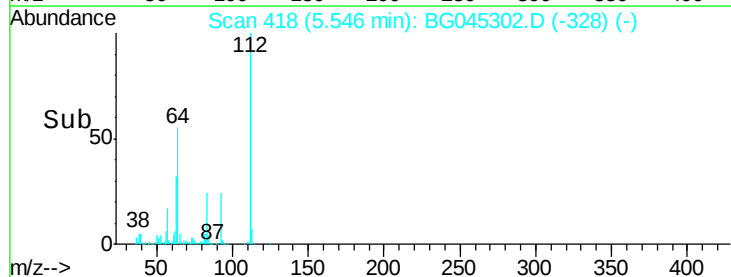
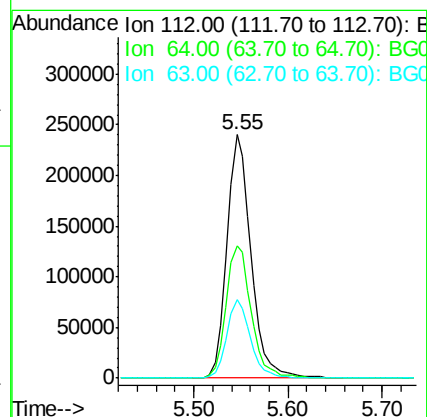
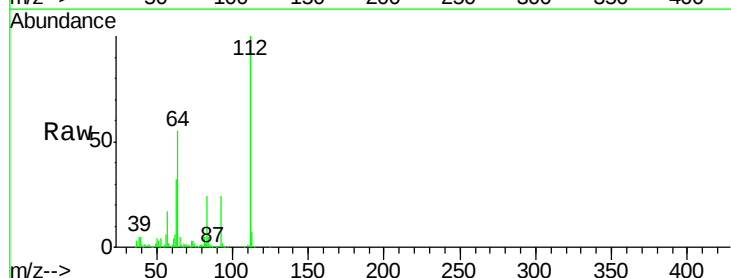
Tgt Ion:152 Resp: 74305
Ion Ratio Lower Upper
152 100
150 154.0 123.6 185.4
115 66.2 49.1 73.7

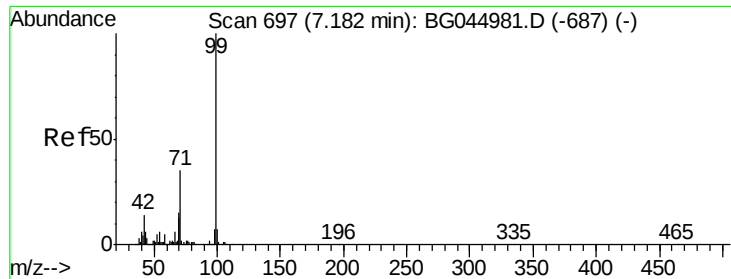


#5

2-Fluorophenol
Concen: 95.15 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.00 min
Lab File: BG045302.D
Acq: 11 May 2020 18:44

Tgt Ion:112 Resp: 428255
Ion Ratio Lower Upper
112 100
64 54.6 42.4 63.6
63 32.3 23.1 34.7





#7

Phenol-d6

Concen: 80.43 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.00 min

Lab File: BG045302.D

Acq: 11 May 2020 18:44

Instrument :

BNA_G

ClientSampleId :

TP-12A

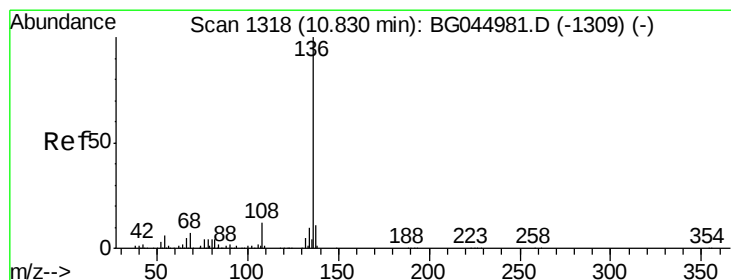
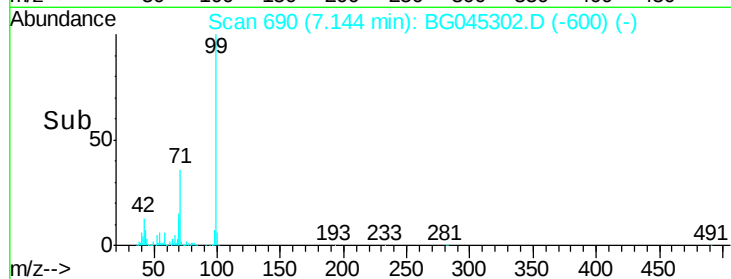
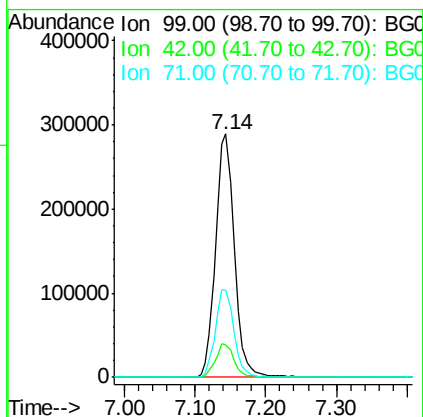
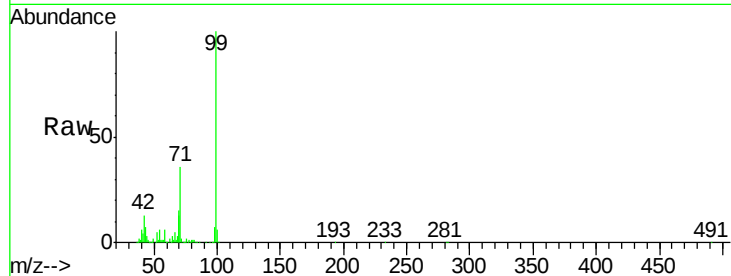
Tgt Ion: 99 Resp: 537808

Ion Ratio Lower Upper

99 100

42 13.4 11.3 16.9

71 36.2 28.3 42.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.79 min Scan# 1310

Delta R.T. -0.00 min

Lab File: BG045302.D

Acq: 11 May 2020 18:44

Tgt Ion: 136 Resp: 279605

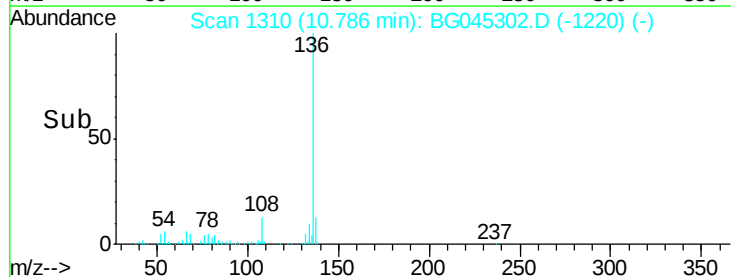
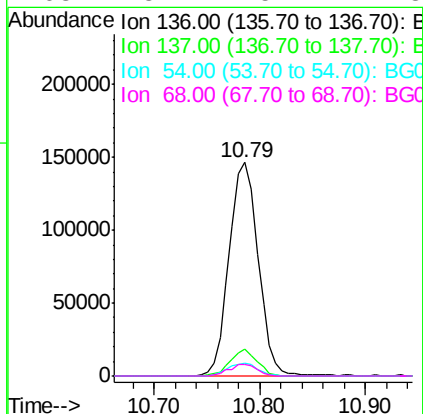
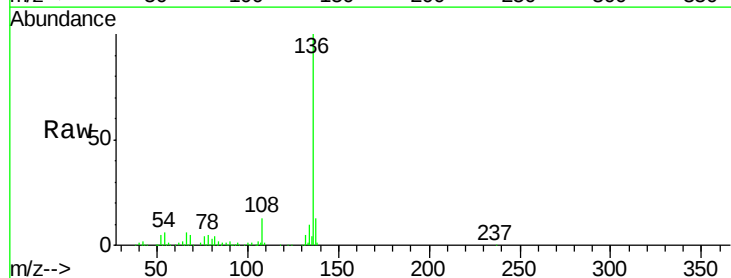
Ion Ratio Lower Upper

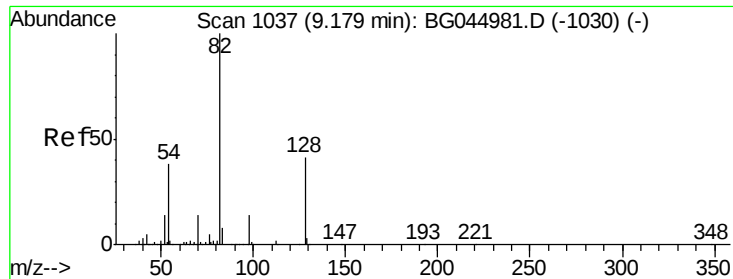
136 100

137 12.7 8.6 13.0

54 6.1 4.8 7.2

68 5.2 5.2 7.8

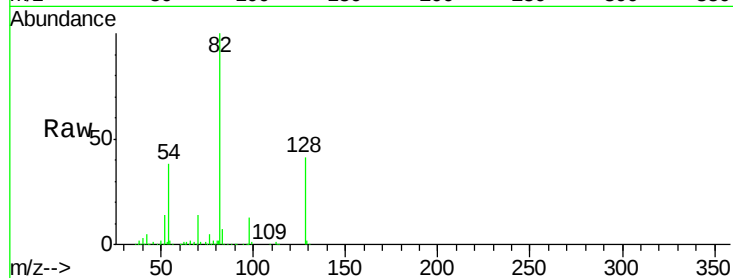




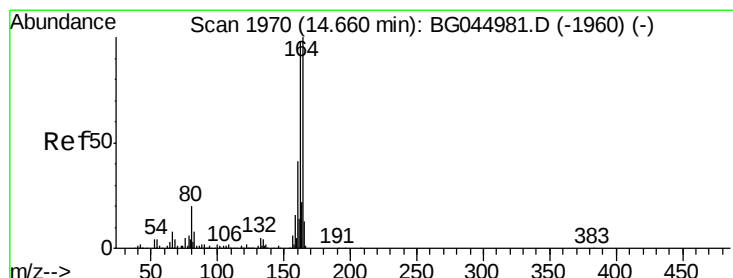
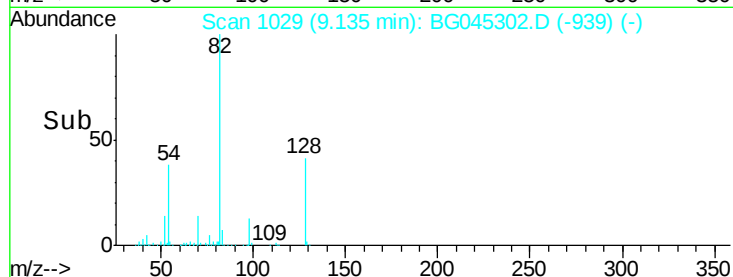
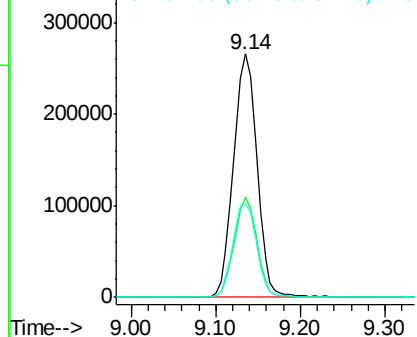
#23
 Nitrobenzene-d5
 Concen: 82.71 ng
 RT: 9.14 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: BG045302.D
 Acq: 11 May 2020 18:44

Instrument :
 BNA_G
 ClientSampleId :
 TP-12A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.0	49.4
54	38.4	30.4	45.6

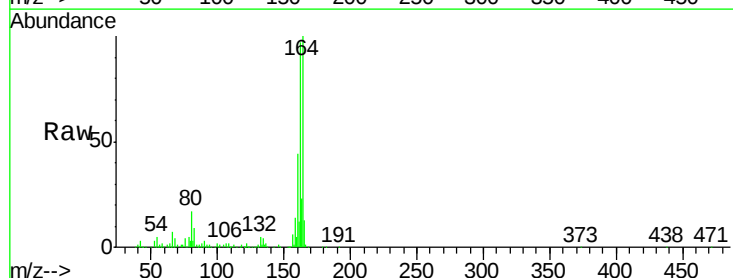


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

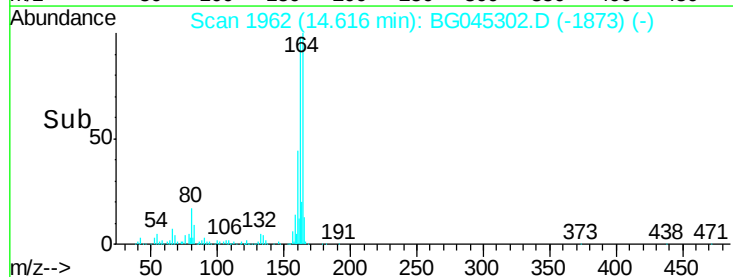
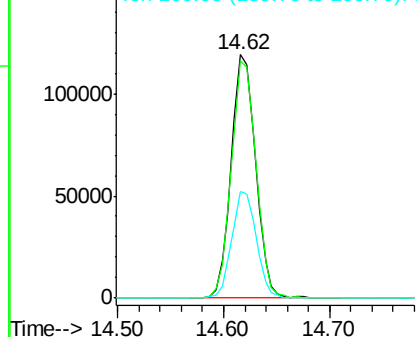


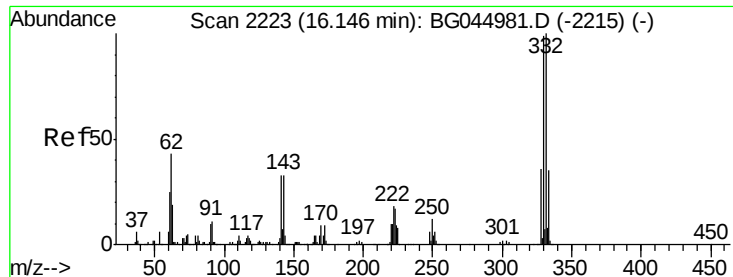
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.62 min Scan# 1962
 Delta R.T. -0.01 min
 Lab File: BG045302.D
 Acq: 11 May 2020 18:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.3	78.7	118.1
160	44.0	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

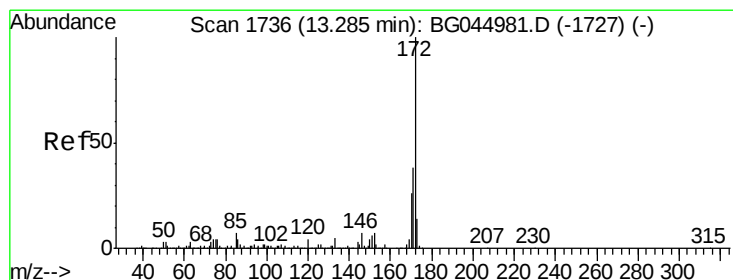
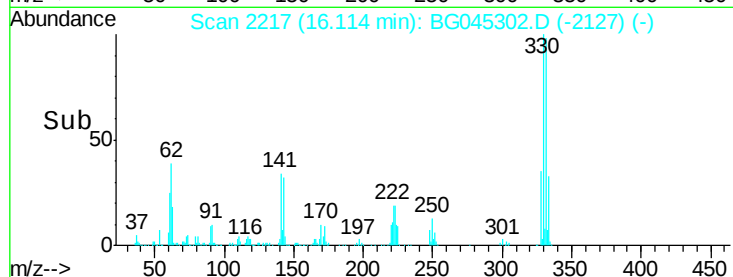
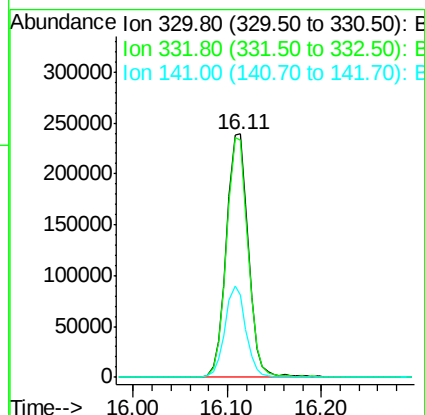
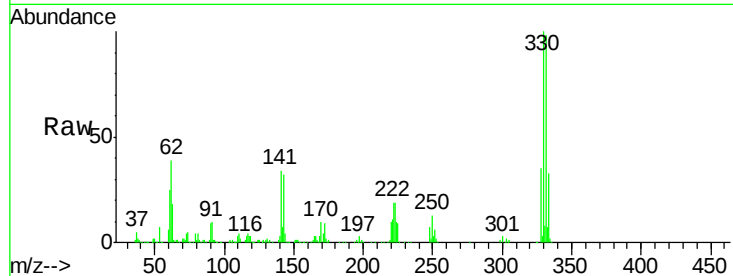




#42
 2,4,6-Tribromophenol
 Concen: 132.81 ng
 RT: 16.11 min Scan# 2217
 Delta R.T. -0.00 min
 Lab File: BG045302.D
 Acq: 11 May 2020 18:44

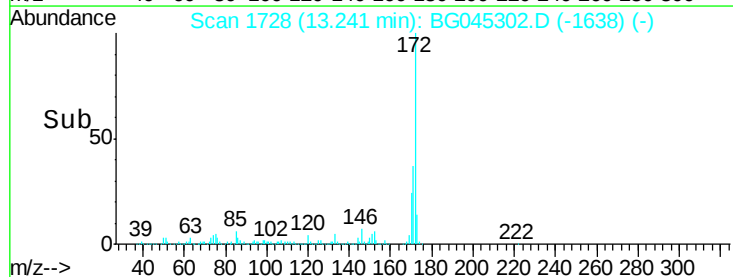
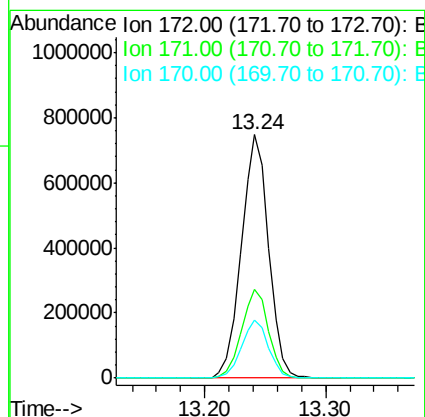
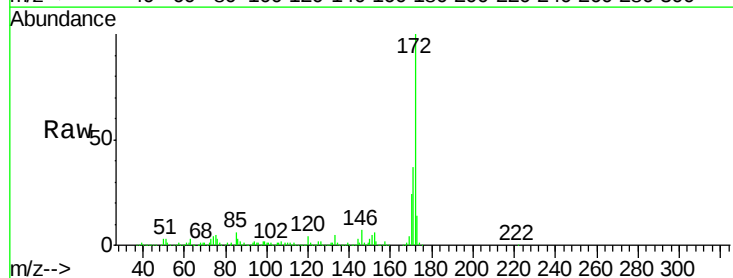
Instrument :
 BNA_G
 ClientSampleId :
 TP-12A

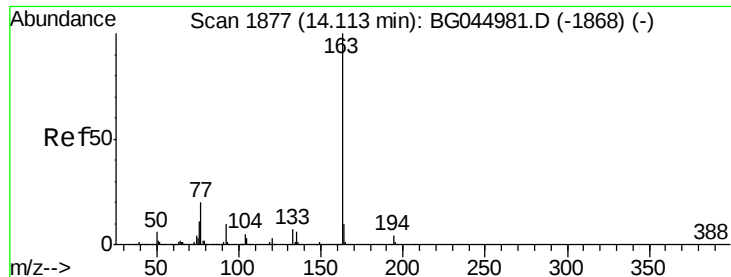
Tgt Ion:330 Resp: 389882
 Ion Ratio Lower Upper
 330 100
 332 96.9 79.1 118.7
 141 35.8 27.1 40.7



#45
 2-Fluorobiphenyl
 Concen: 90.48 ng
 RT: 13.24 min Scan# 1728
 Delta R.T. -0.00 min
 Lab File: BG045302.D
 Acq: 11 May 2020 18:44

Tgt Ion:172 Resp: 1172562
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.6 46.0
 170 23.6 20.5 30.7





#50

Dimethylphthalate

Concen: 6.05 ng

RT: 14.06 min Scan# 1868

Delta R.T. -0.02 min

Lab File: BG045302.D

Acq: 11 May 2020 18:44

Instrument :

BNA_G

ClientSampleId :

TP-12A

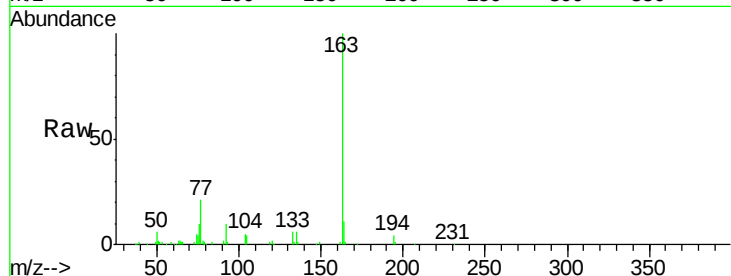
Tgt Ion:163 Resp: 93639

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

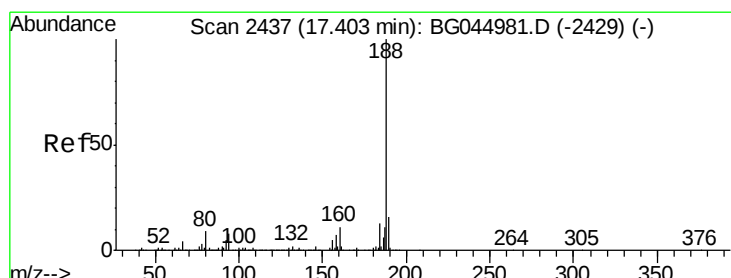
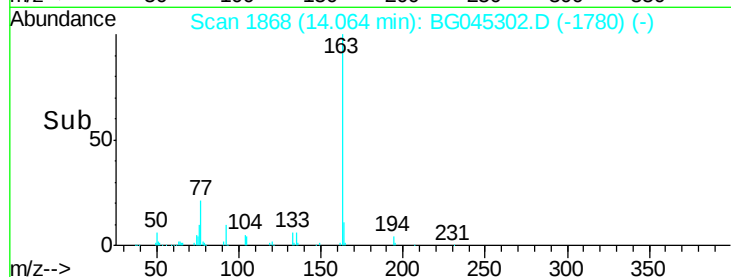
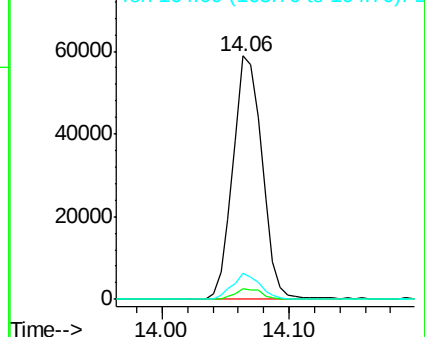
164 10.6 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.37 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG045302.D

Acq: 11 May 2020 18:44

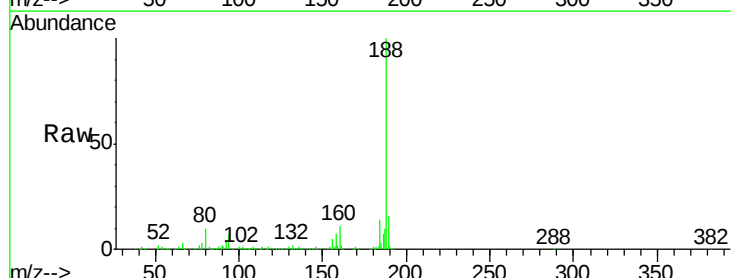
Tgt Ion:188 Resp: 438661

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.4

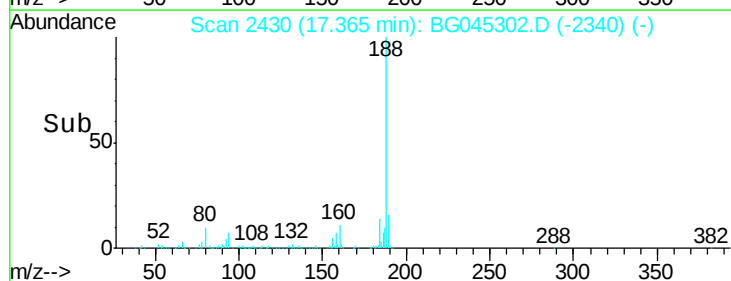
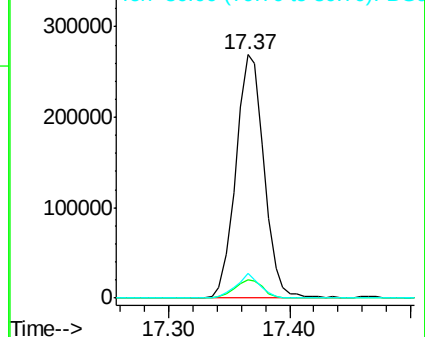
80 10.0 7.0 10.6

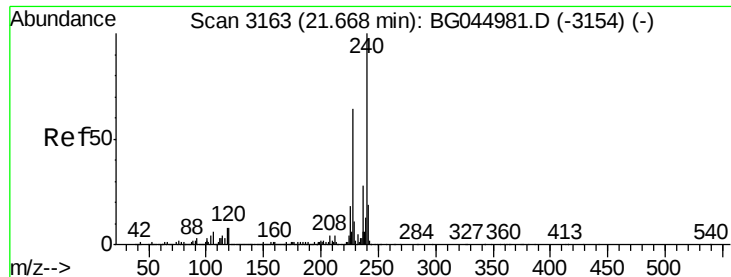


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.63 min Scan# 3156

Delta R.T. -0.01 min

Lab File: BG045302.D

Acq: 11 May 2020 18:44

Instrument :

BNA_G

ClientSampleId :

TP-12A

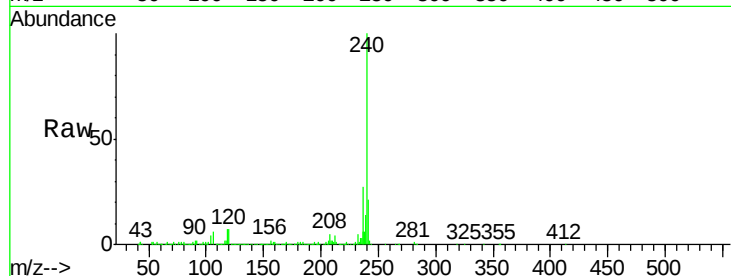
Tgt Ion:240 Resp: 442375

Ion Ratio Lower Upper

240 100

120 6.9 6.6 10.0

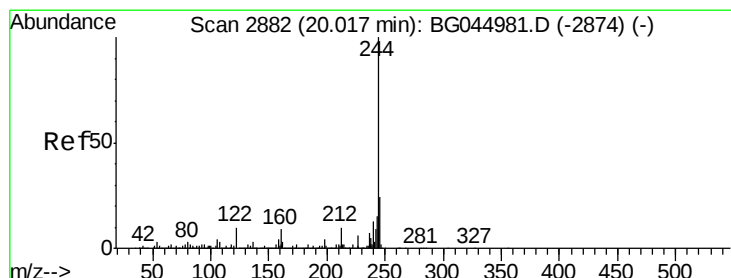
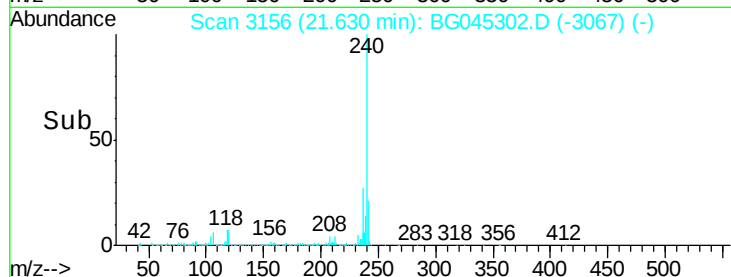
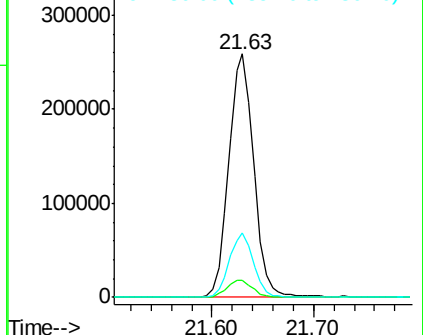
236 26.7 22.2 33.2



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: 100.73 ng

RT: 19.99 min Scan# 2876

Delta R.T. -0.00 min

Lab File: BG045302.D

Acq: 11 May 2020 18:44

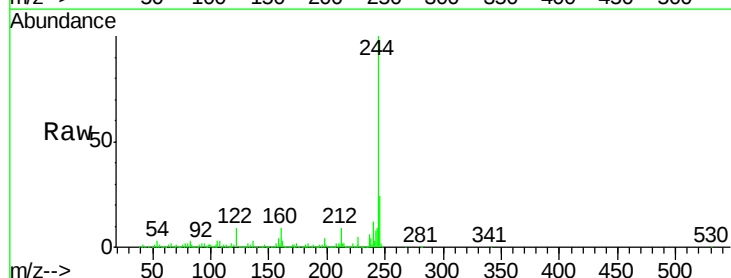
Tgt Ion:244 Resp: 2044363

Ion Ratio Lower Upper

244 100

212 9.5 7.9 11.9

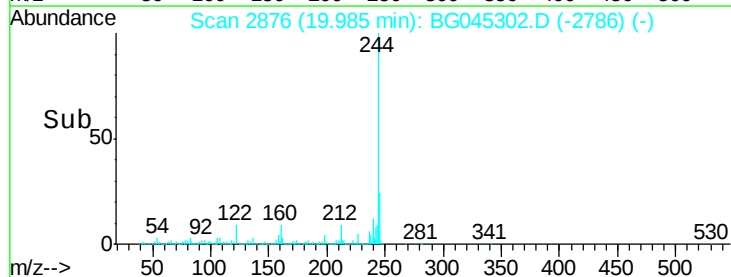
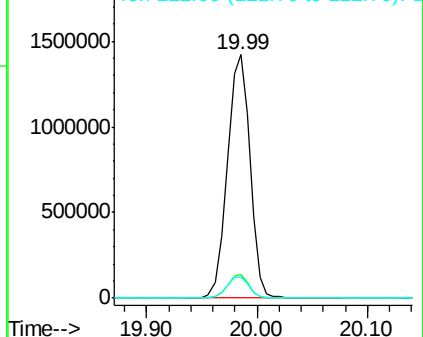
122 8.7 7.7 11.5

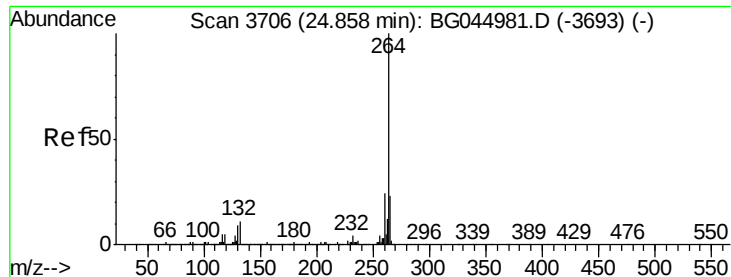


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Perylene-d12
Concen: 20.00 ng
RT: 24.80 min Scan# 3695
Delta R.T. -0.01 min
Lab File: BG045302.D
Acq: 11 May 2020 18:44

Instrument :
BNA_G
ClientSampleId :
TP-12A

Tgt Ion:	264	Resp:	481030
Ion	Ratio	Lower	Upper
264	100		
260	21.6	19.2	28.8
265	20.2	19.0	28.4

