

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062520\
 Data File : BG045862.D
 Acq On : 25 Jun 2020 18:06
 Operator : CG/JU
 Sample : L3111-08
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6-D

Quant Time: Jun 25 18:46:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 15:44:32 2020
 Response via : Initial Calibration

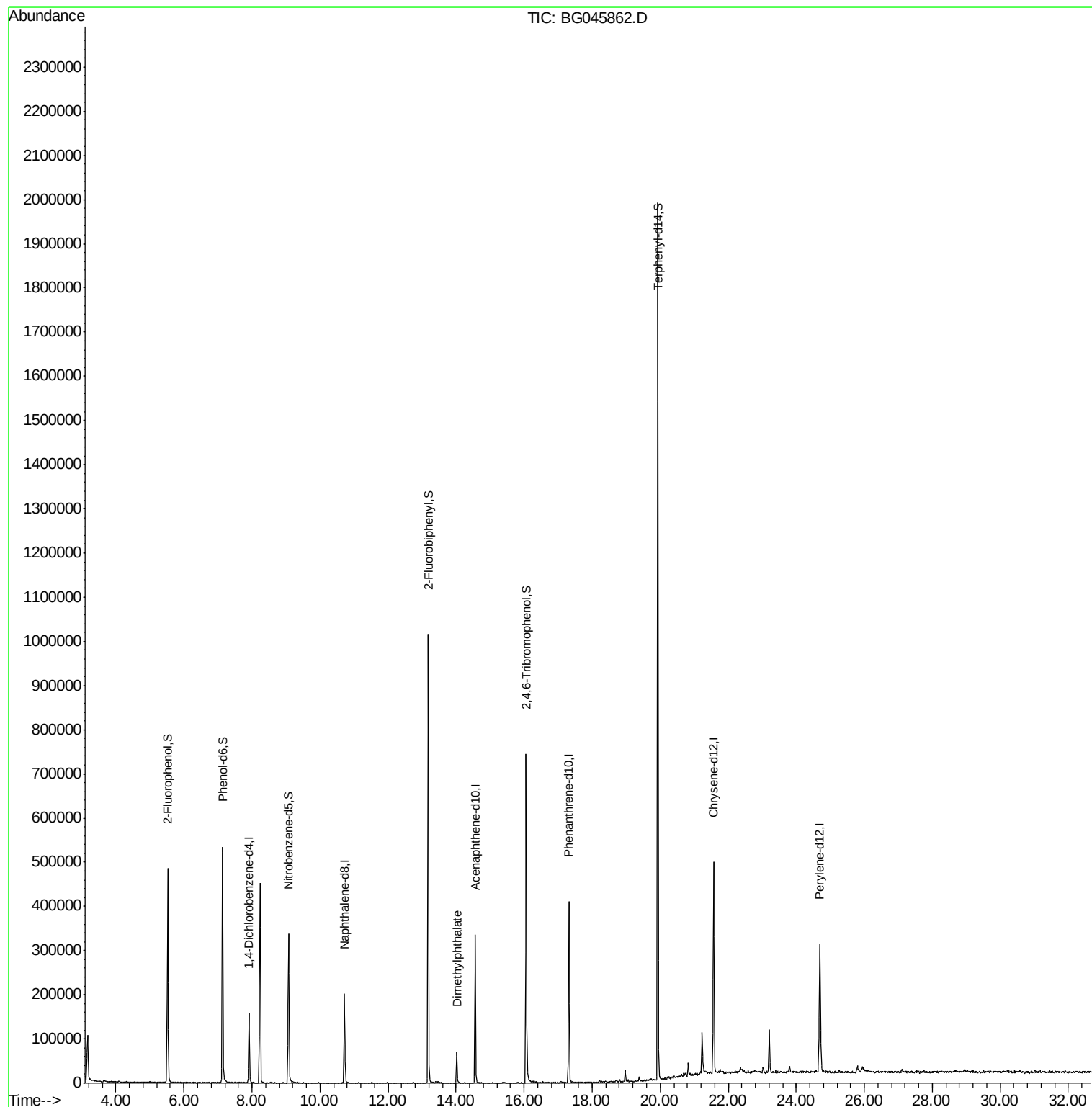
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	46280	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	186454	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	130320	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	288777	20.00	ng	0.00
76) Chrysene-d12	21.57	240	300539	20.00	ng	0.00
86) Perylene-d12	24.69	264	312980	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	241293	88.07	ng	0.00
7) Phenol-d6	7.13	99	354106	84.97	ng	0.00
23) Nitrobenzene-d5	9.08	82	243729	59.72	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	168243	85.51	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	563494	63.54	ng	0.00
79) Terphenyl-d14	19.93	244	990255	66.77	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.02	163	53473	5.238	ng	Qvalue 98

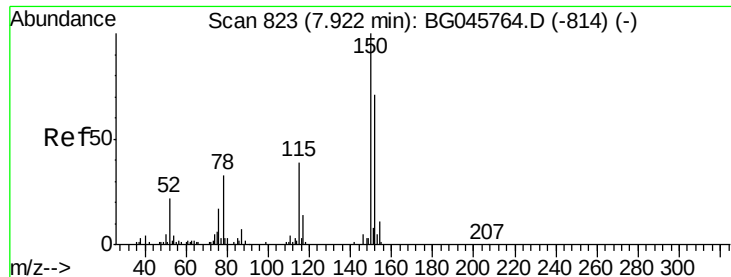
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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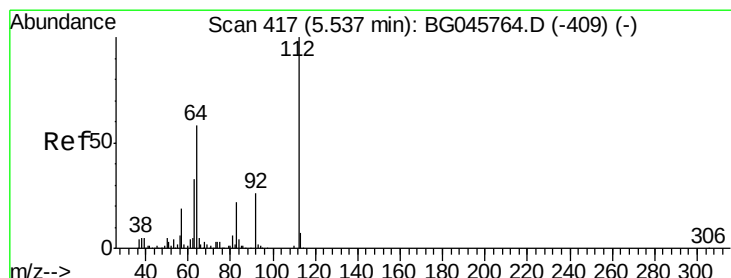
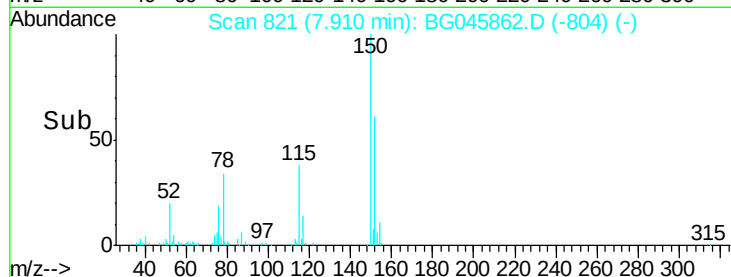
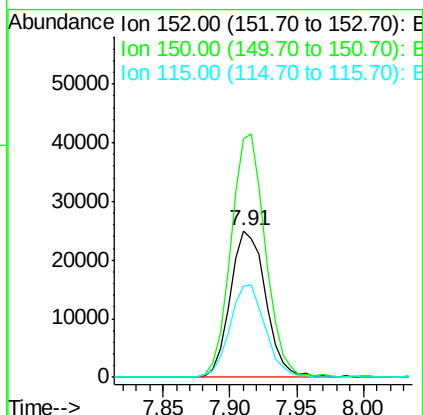
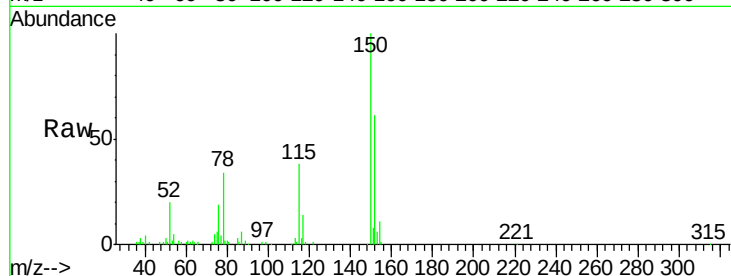


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG045862.D
Acq: 25 Jun 2020 18:06

Instrument :
BNA_G
ClientSampleId :
TP-6-D

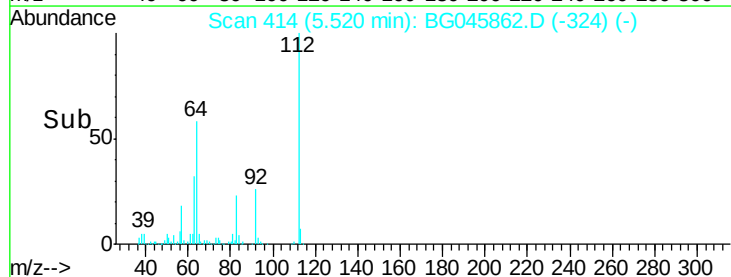
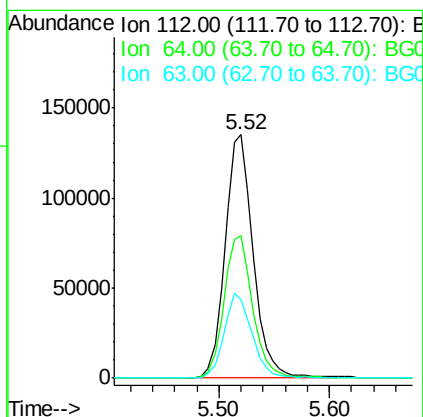
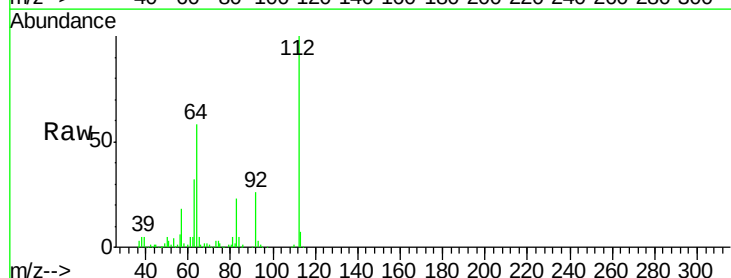
Tot Ion:152 Resp: 46280
Ion Ratio Lower Upper
152 100
150 163.2 113.1 169.7
115 62.7 43.8 65.6

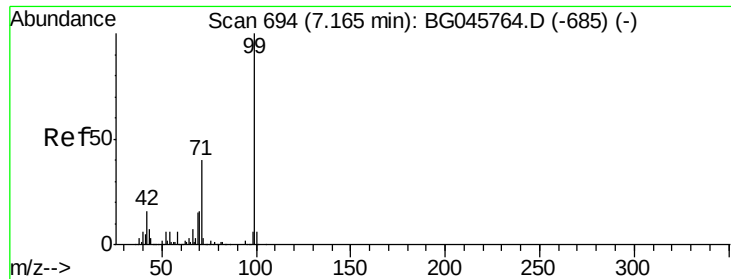


#5

2-Fluorophenol
Concen: 88.073 ng
RT: 5.52 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG045862.D
Acq: 25 Jun 2020 18:06

Tgt Ion:112 Resp: 241293
Ion Ratio Lower Upper
112 100
64 58.3 46.6 69.8
63 32.0 26.3 39.5





#7

Phenol-d6

Concen: 84.972 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG045862.D

Acq: 25 Jun 2020 18:06

Instrument :

BNA_G

ClientSampleId :

TP-6-D

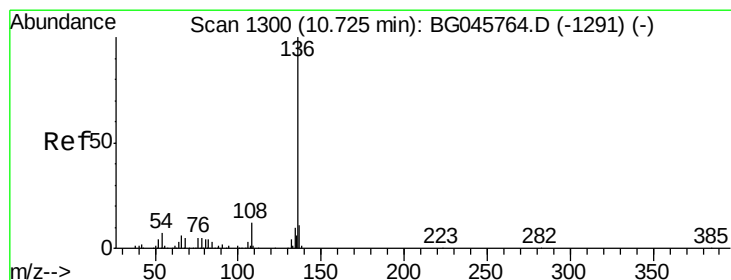
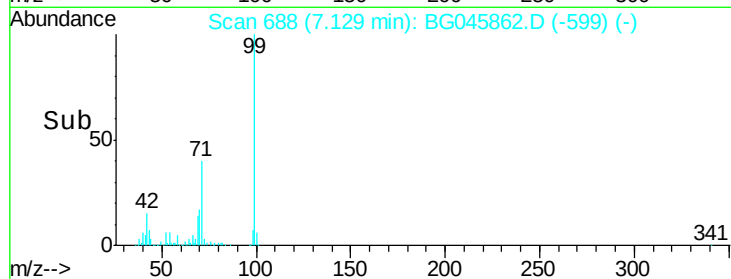
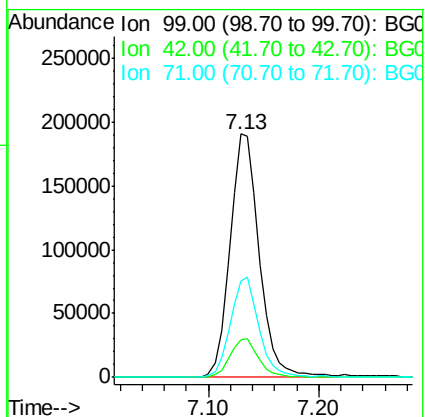
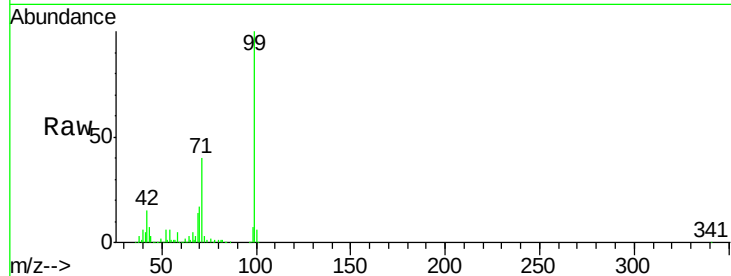
Tot Ion: 99 Resp: 354106

Ion Ratio Lower Upper

99 100

42 15.4 12.4 18.6

71 39.5 32.1 48.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG045862.D

Acq: 25 Jun 2020 18:06

Tgt Ion: 136 Resp: 186454

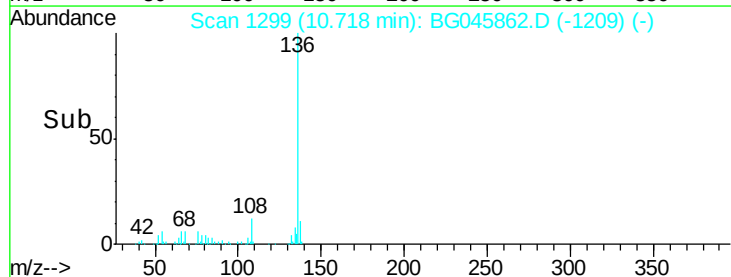
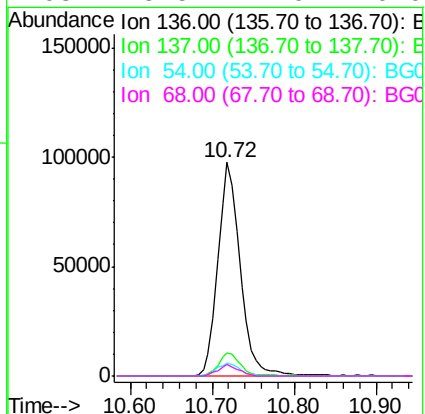
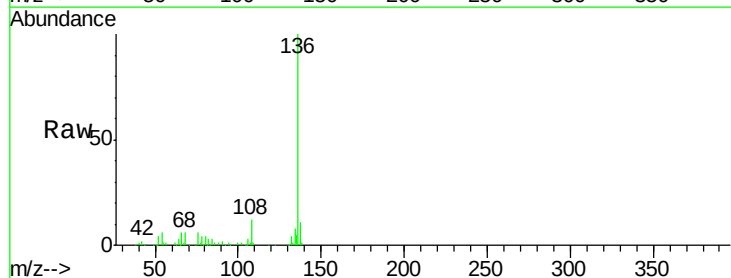
Ion Ratio Lower Upper

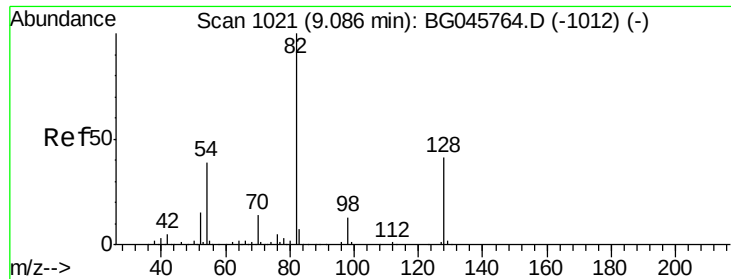
136 100

137 10.6 8.7 13.1

54 5.9 5.8 8.6

68 5.5 4.0 6.0

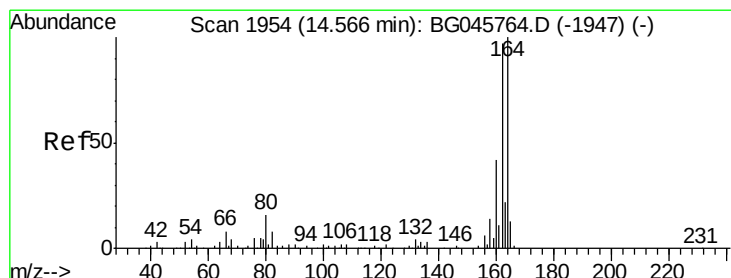
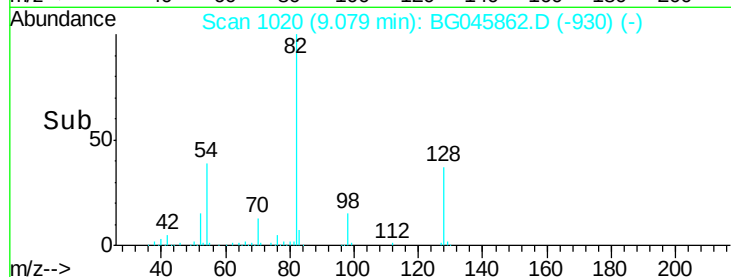
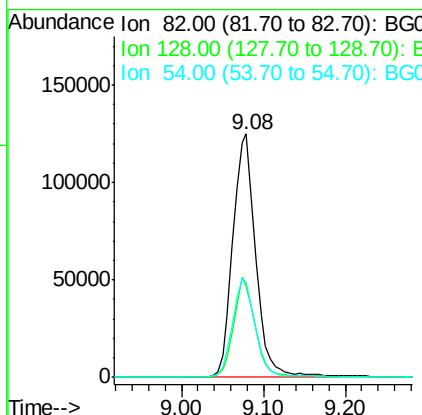
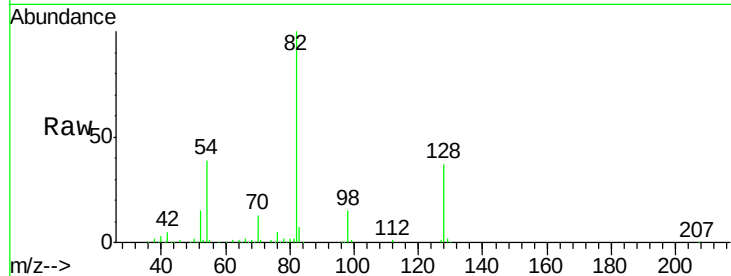




#23
Nitrobenzene-d5
Concen: 59.716 ng
RT: 9.08 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BG045862.D
Acq: 25 Jun 2020 18:06

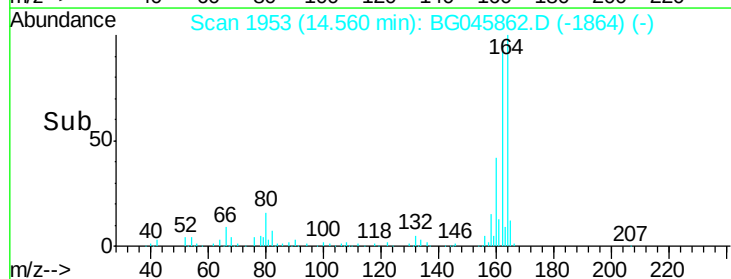
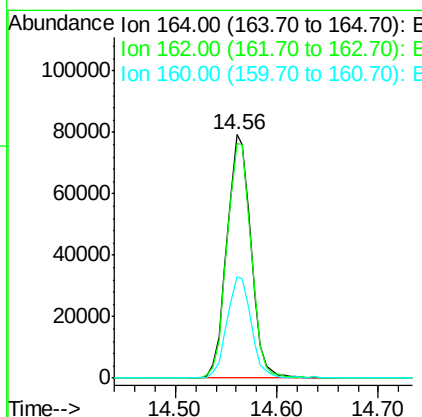
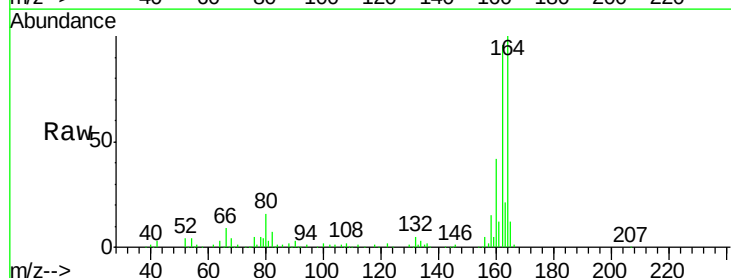
Instrument :
BNA_G
ClientSampleId :
TP-6-D

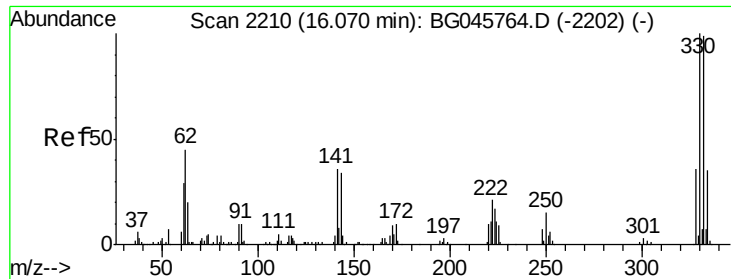
Tot Ion: 82 Resp: 243729
Ion Ratio Lower Upper
82 100
128 37.5 32.5 48.7
54 39.3 31.2 46.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG045862.D
Acq: 25 Jun 2020 18:06

Tgt Ion:164 Resp: 130320
Ion Ratio Lower Upper
164 100
162 96.4 77.4 116.0
160 41.7 33.3 49.9





#42

2,4,6-Tribromophenol

Concen: 85.511 ng

RT: 16.06 min Scan# 2209

Delta R.T. 0.00 min

Lab File: BG045862.D

Acq: 25 Jun 2020 18:06

Instrument :

BNA_G

ClientSampleId :

TP-6-D

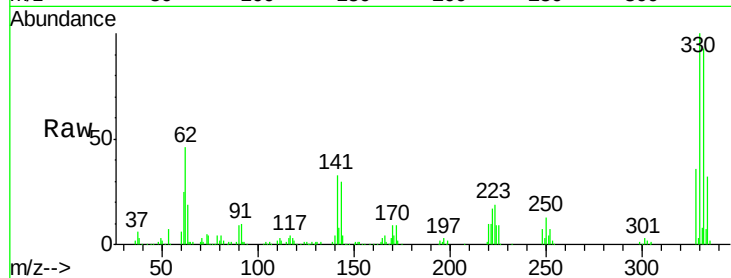
Tot Ion:330 Resp: 168243

Ion Ratio Lower Upper

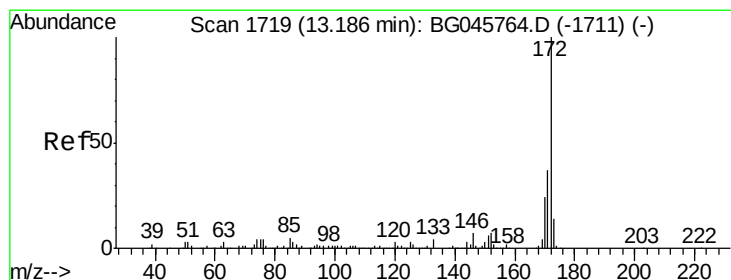
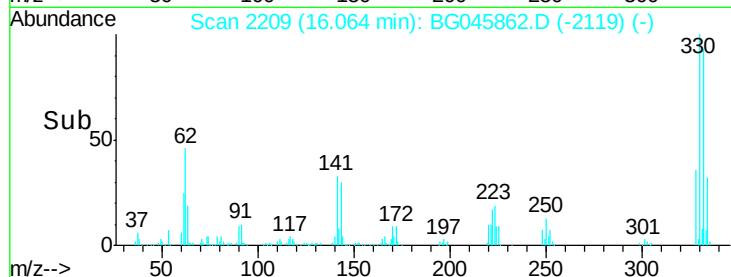
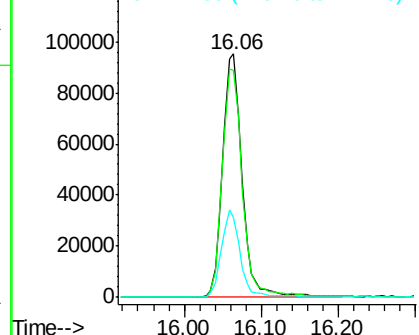
330 100

332 95.7 78.6 117.8

141 33.4 28.2 42.4



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: 63.543 ng

RT: 13.18 min Scan# 1718

Delta R.T. -0.01 min

Lab File: BG045862.D

Acq: 25 Jun 2020 18:06

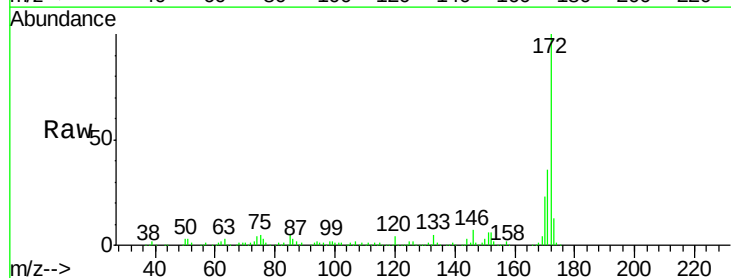
Tgt Ion:172 Resp: 563494

Ion Ratio Lower Upper

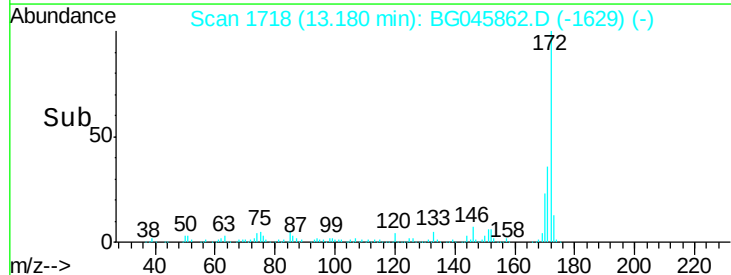
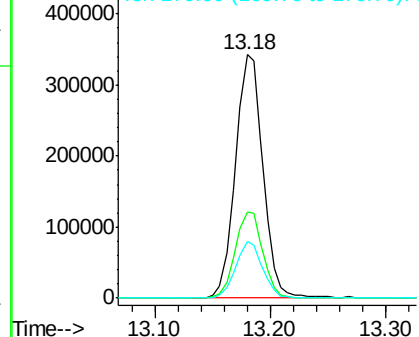
172 100

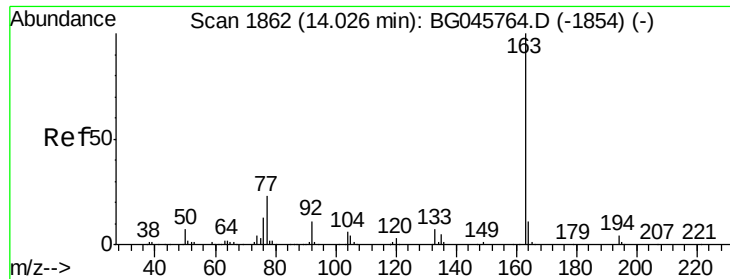
171 35.6 29.9 44.9

170 23.3 19.3 28.9



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

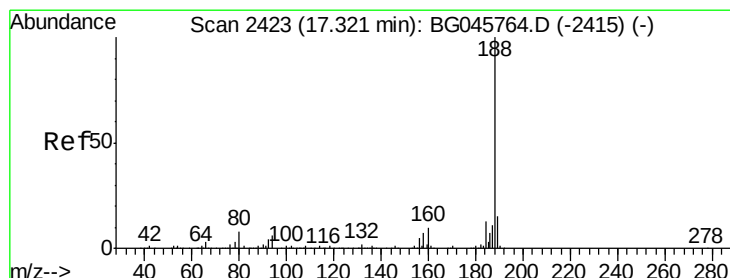
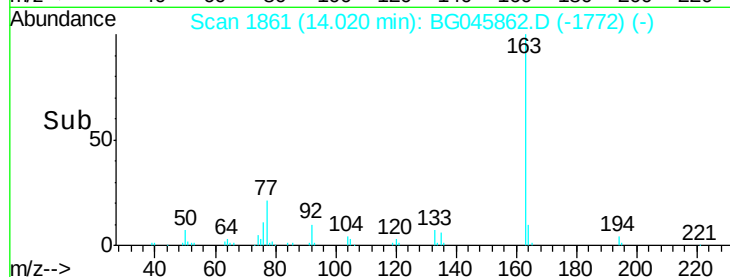
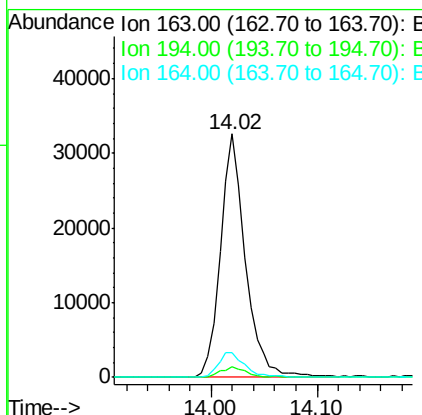
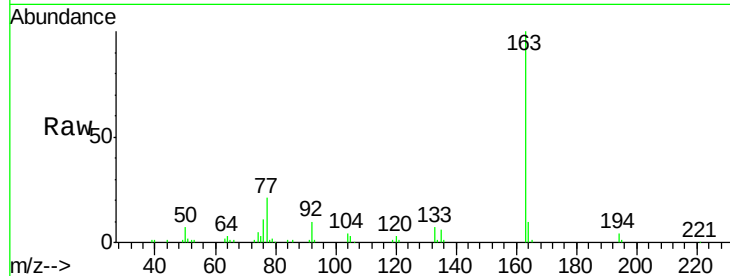




#50
Dimethylphthalate
Concen: 5.238 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.01 min
Lab File: BG045862.D
Acq: 25 Jun 2020 18:06

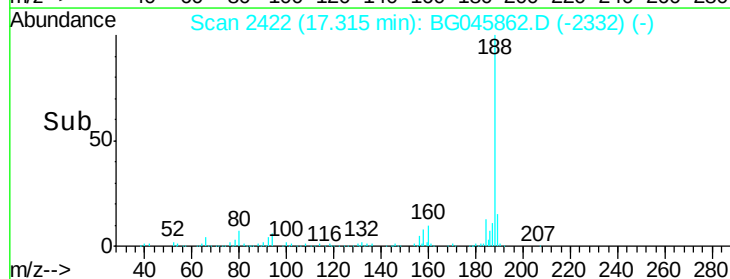
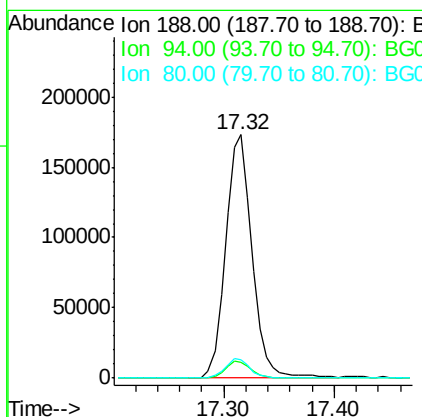
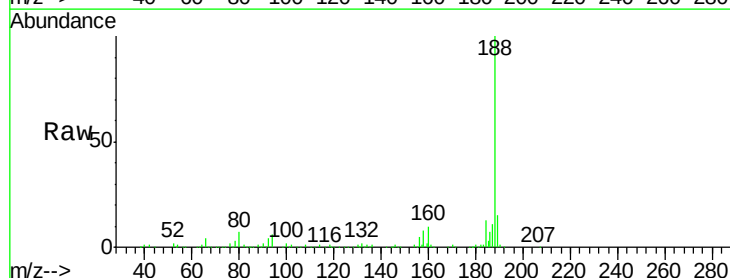
Instrument :
BNA_G
ClientSampleId :
TP-6-D

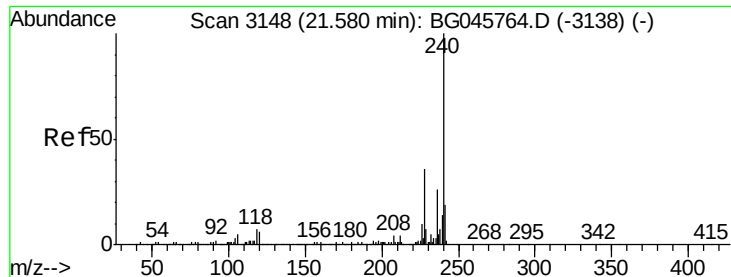
Tot Ion:163 Resp: 53473
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.0
164 9.9 8.9 13.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BG045862.D
Acq: 25 Jun 2020 18:06

Tgt Ion:188 Resp: 288777
Ion Ratio Lower Upper
188 100
94 6.5 5.1 7.7
80 7.5 6.2 9.4





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.57 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG045862.D

Acq: 25 Jun 2020 18:06

Instrument :

BNA_G

ClientSampleId :

TP-6-D

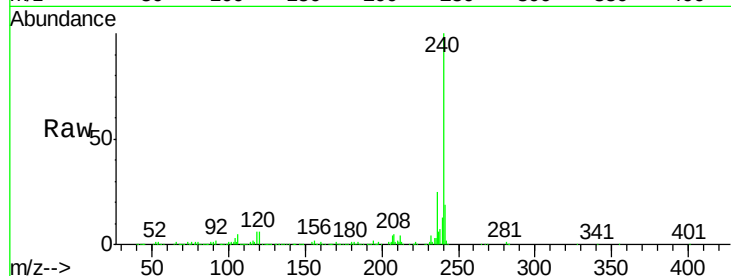
Tot Ion:240 Resp: 300539

Ion Ratio Lower Upper

240 100

120 6.2 5.0 7.4

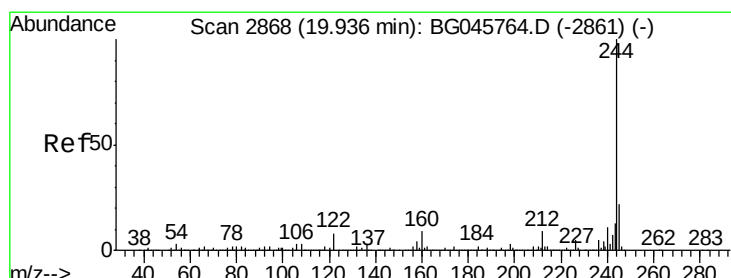
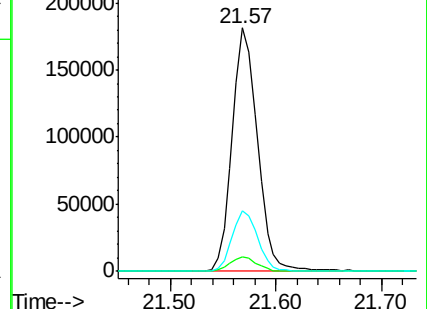
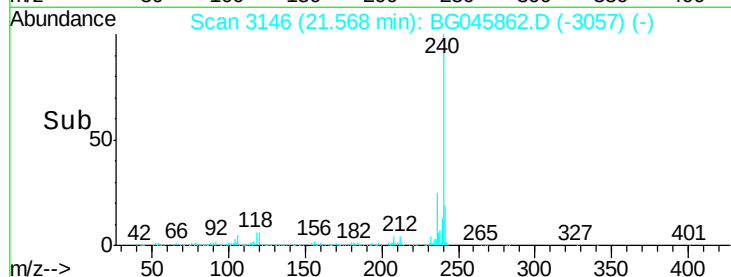
236 25.0 20.6 30.8



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: 66.775 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG045862.D

Acq: 25 Jun 2020 18:06

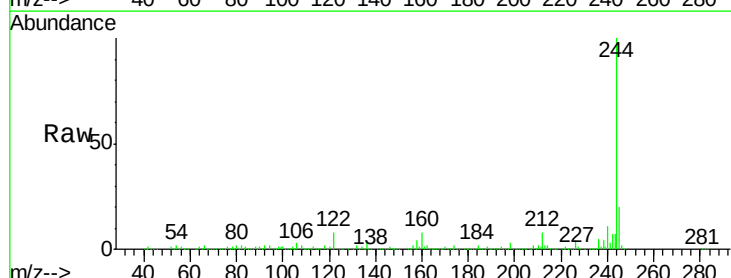
Tgt Ion:244 Resp: 990255

Ion Ratio Lower Upper

244 100

212 8.5 7.2 10.8

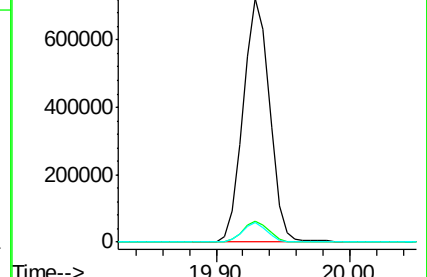
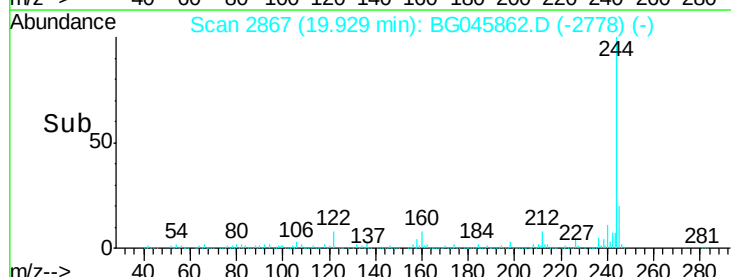
122 7.9 6.4 9.6

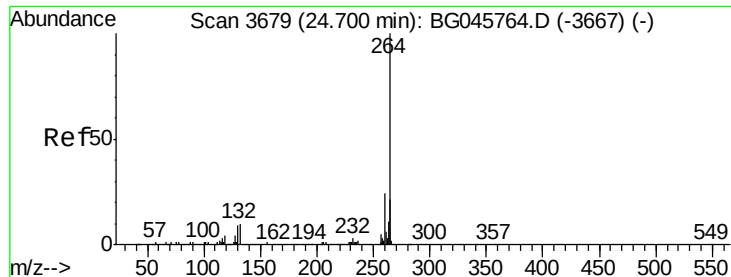


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.69 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BG045862.D
Acq: 25 Jun 2020 18:06

Instrument :
BNA_G
ClientSampleId :
TP-6-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.4
265	21.2	17.4	26.0

