

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG051120\
 Data File : BG045318.D
 Acq On : 12 May 2020 6:43
 Operator : CG/JU
 Sample : L2531-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-14A

Quant Time: May 12 07:26:05 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

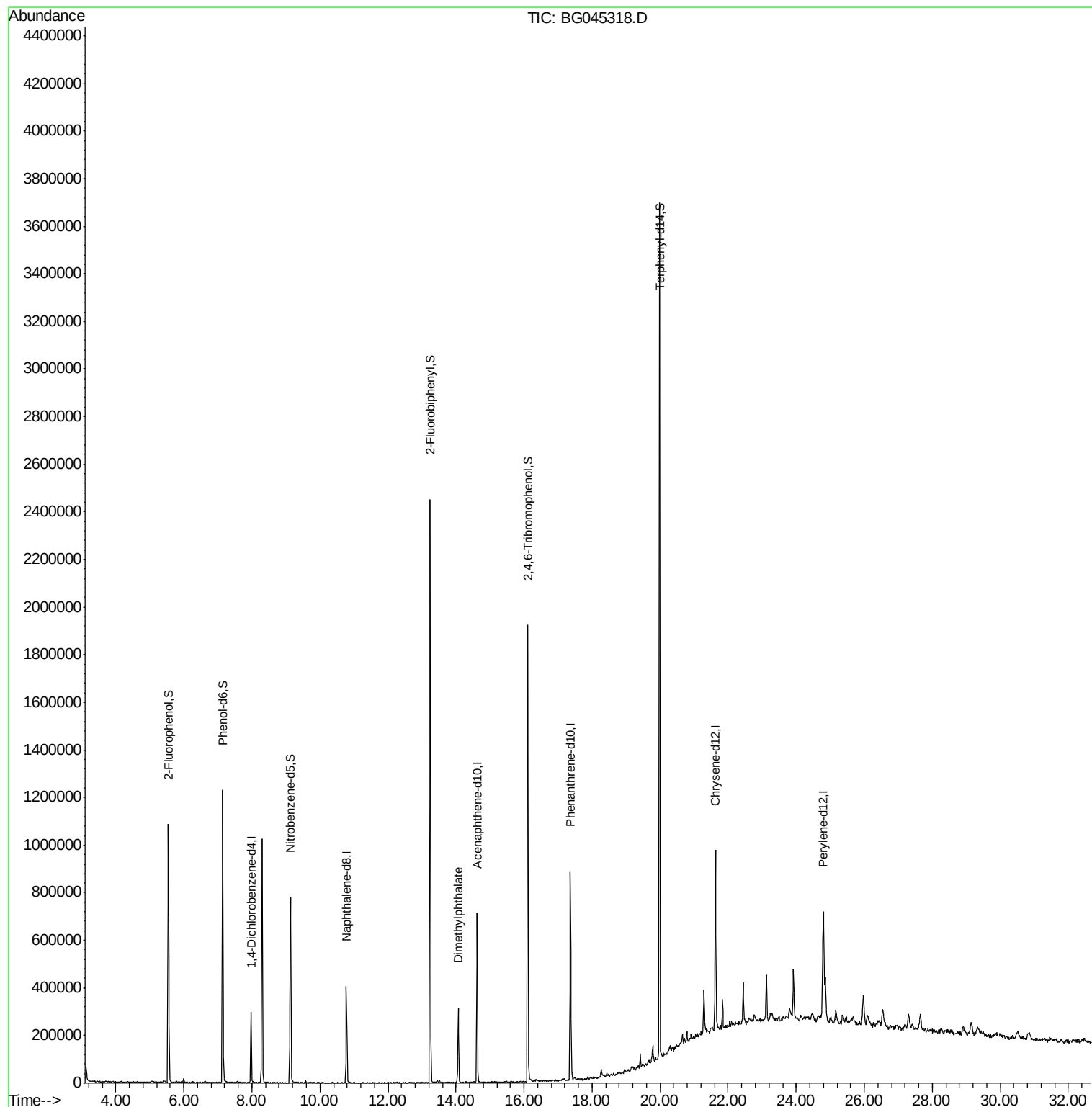
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	89015	20.00	ng	-0.01
21) Naphthalene-d8	10.78	136	377944	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	269918	20.00	ng	-0.01
64) Phenanthrene-d10	17.36	188	579633	20.00	ng	0.00
76) Chrysene-d12	21.63	240	478017	20.00	ng	-0.01
87) Perylene-d12	24.79	264	521533	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	534131	99.06	ng	0.00
7) Phenol-d6	7.14	99	815326	101.78	ng	0.00
23) Nitrobenzene-d5	9.13	82	547176	66.06	ng	0.00
42) 2,4,6-Tribromophenol	16.11	330	394577	94.63	ng	-0.01
45) 2-Fluorobiphenyl	13.24	172	1287827	69.96	ng	0.00
79) Terphenyl-d14	19.98	244	1766159	80.53	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.07	163	220526	10.03	ng	Qvalue 99

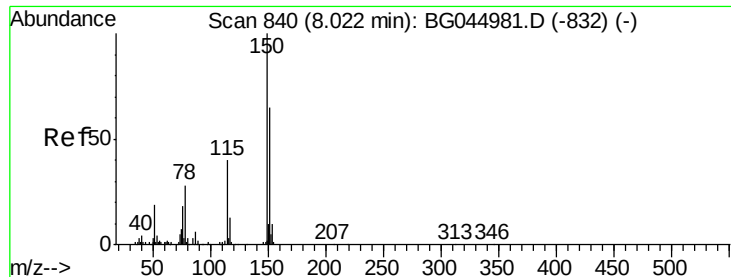
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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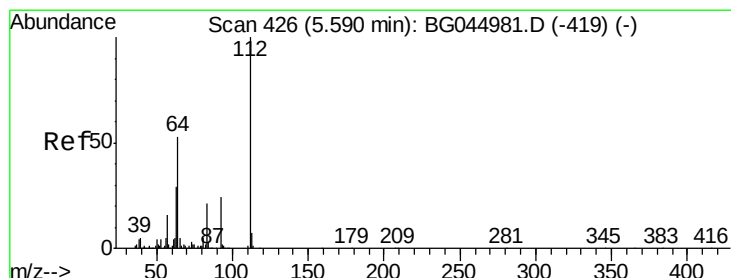
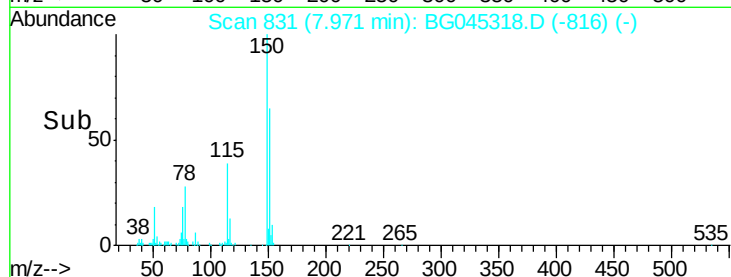
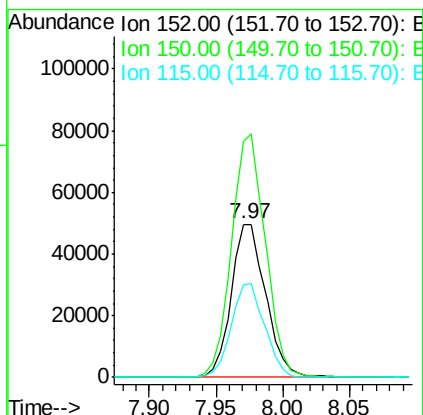
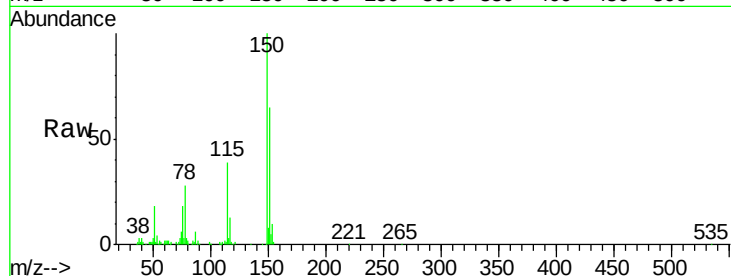


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.97 min Scan# 831
 Delta R.T. -0.01 min
 Lab File: BG045318.D
 Acq: 12 May 2020 6:43

Instrument :
 BNA_G
 ClientSampleId :
 TP-14A

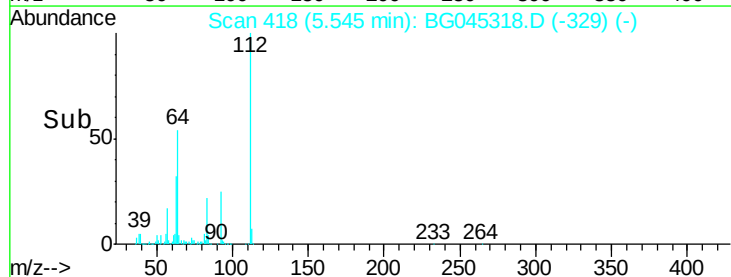
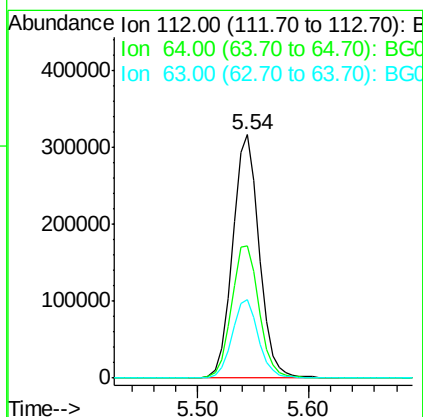
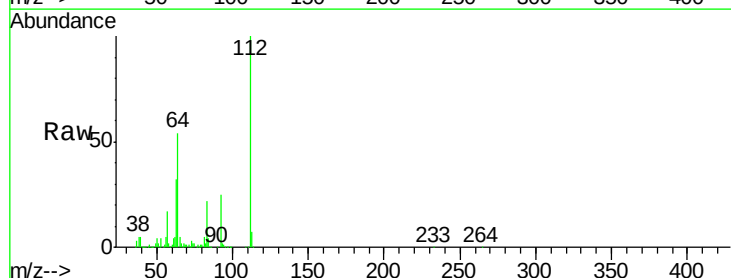
Tgt Ion:152 Resp: 89015
 Ion Ratio Lower Upper
 152 100
 150 154.3 123.6 185.4
 115 60.6 49.1 73.7

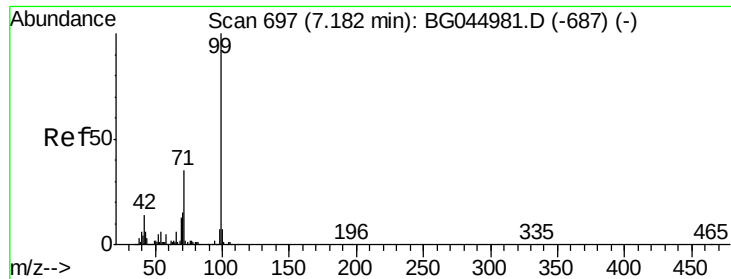


#5

2-Fluorophenol
 Concen: 99.06 ng
 RT: 5.54 min Scan# 418
 Delta R.T. -0.01 min
 Lab File: BG045318.D
 Acq: 12 May 2020 6:43

Tgt Ion:112 Resp: 534131
 Ion Ratio Lower Upper
 112 100
 64 54.4 42.4 63.6
 63 32.2 23.1 34.7





#7

Phenol-d6

Concen: 101.78 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045318.D

Acq: 12 May 2020 6:43

Instrument :

BNA_G

ClientSampleId :

TP-14A

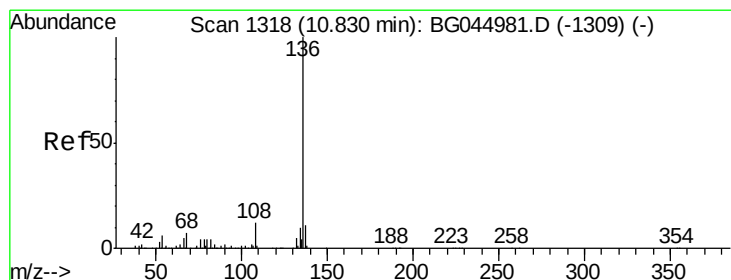
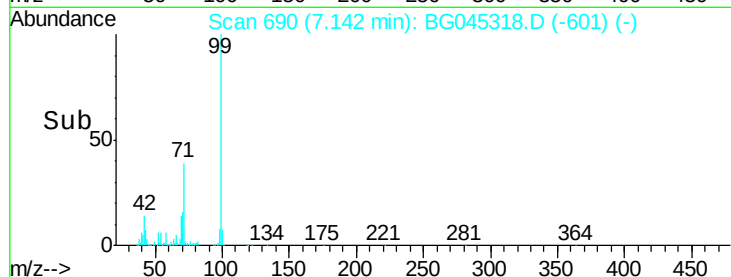
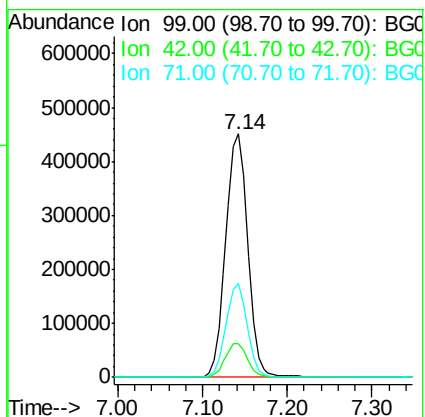
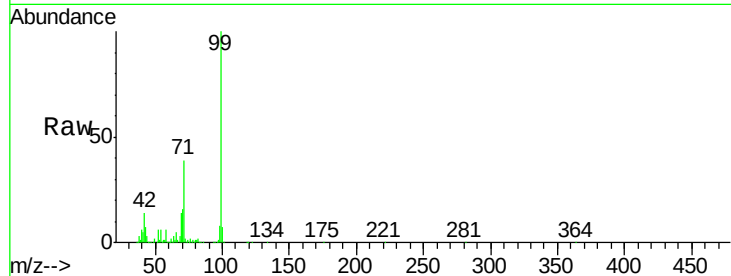
Tgt Ion: 99 Resp: 815326

Ion Ratio Lower Upper

99 100

42 13.8 11.3 16.9

71 38.6 28.3 42.5



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.78 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG045318.D

Acq: 12 May 2020 6:43

Tgt Ion: 136 Resp: 377944

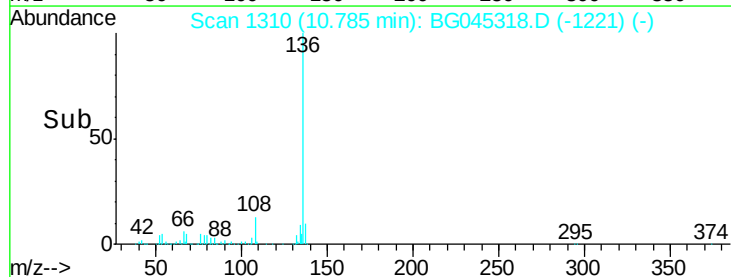
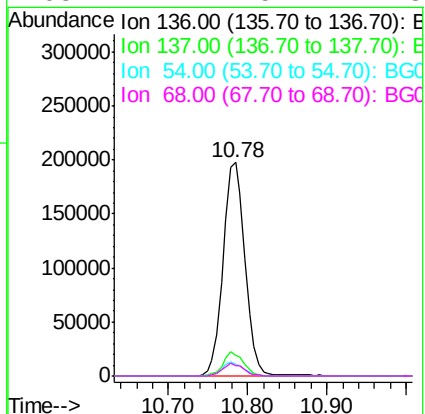
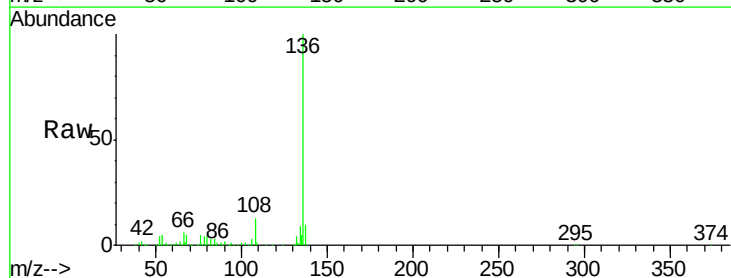
Ion Ratio Lower Upper

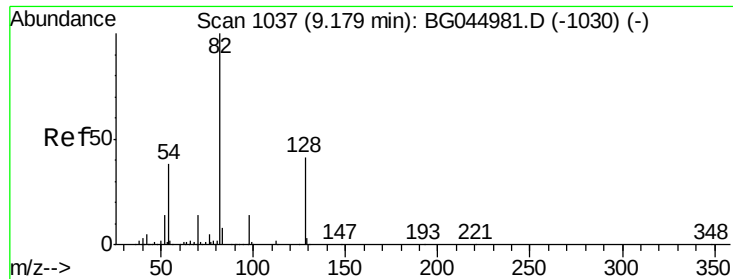
136 100

137 9.8 8.6 13.0

54 5.3 4.8 7.2

68 4.7 5.2 7.8#

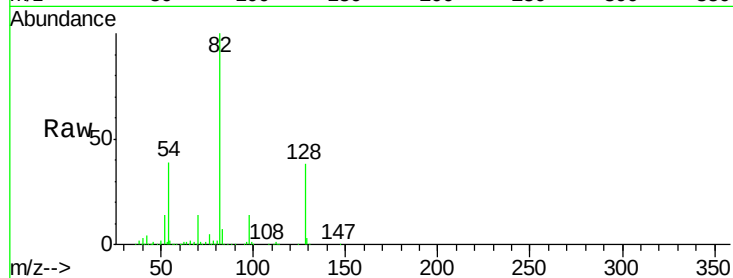




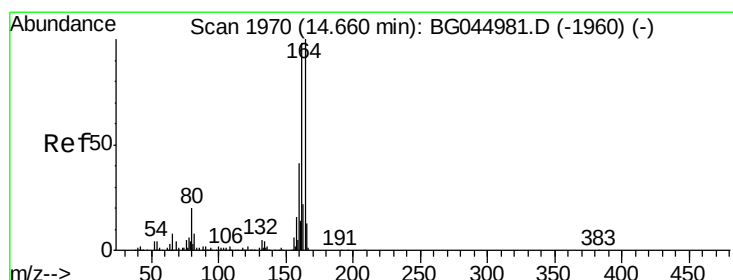
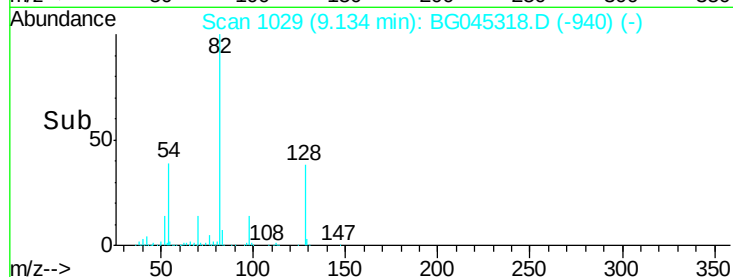
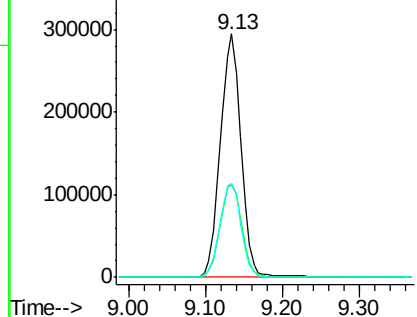
#23
Nitrobenzene-d5
Concen: 66.06 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG045318.D
Acq: 12 May 2020 6:43

Instrument :
BNA_G
ClientSampleId :
TP-14A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	37.9	33.0	49.4
54	38.7	30.4	45.6

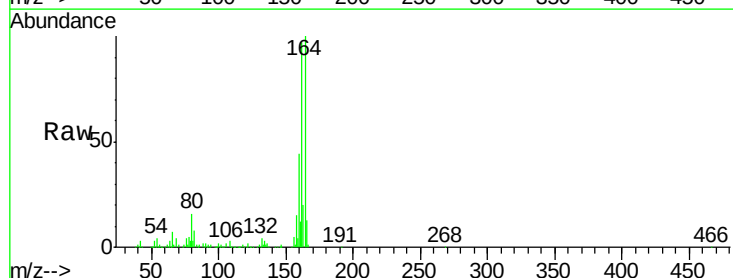


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

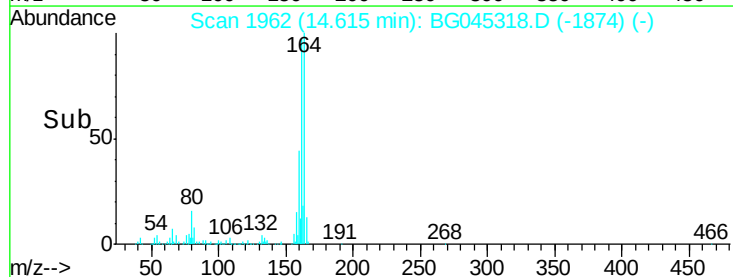
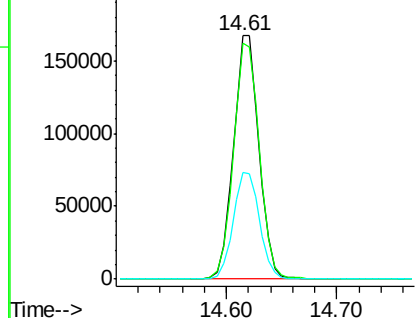


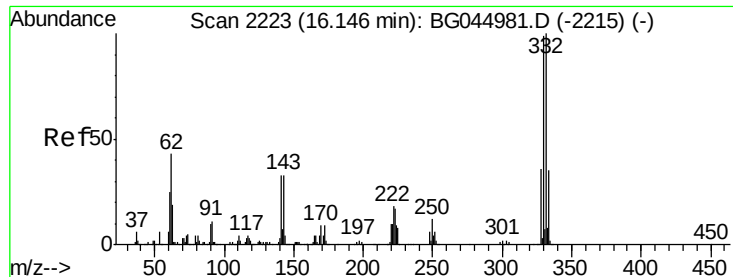
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.61 min Scan# 1962
Delta R.T. -0.01 min
Lab File: BG045318.D
Acq: 12 May 2020 6:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.1	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: 94.63 ng

RT: 16.11 min Scan# 2216

Delta R.T. -0.01 min

Lab File: BG045318.D

Acq: 12 May 2020 6:43

Instrument :

BNA_G

ClientSampleId :

TP-14A

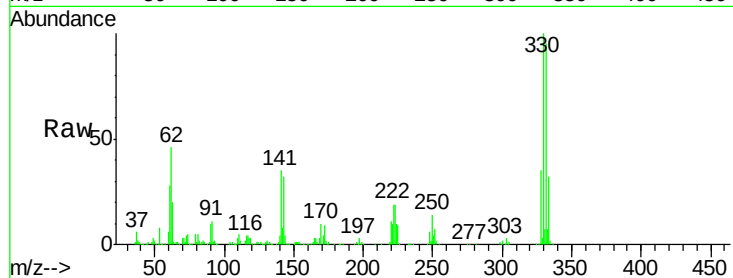
Tgt Ion:330 Resp: 394577

Ion Ratio Lower Upper

330 100

332 98.8 79.1 118.7

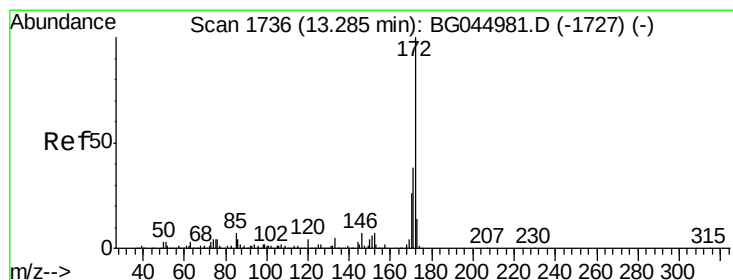
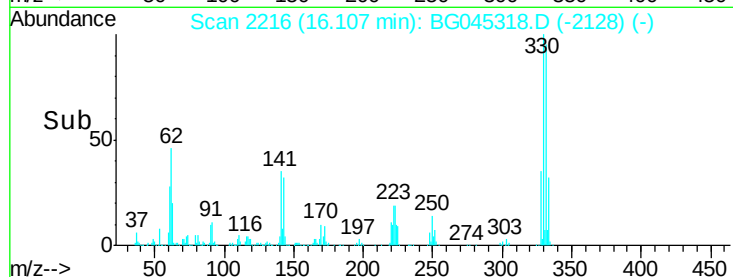
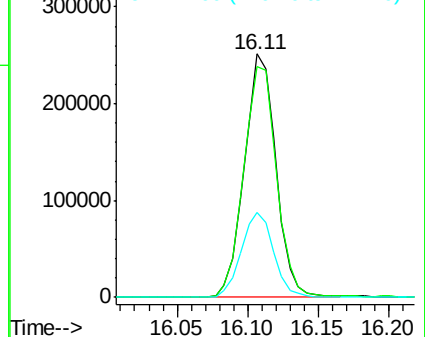
141 35.7 27.1 40.7



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: 69.96 ng

RT: 13.24 min Scan# 1728

Delta R.T. -0.01 min

Lab File: BG045318.D

Acq: 12 May 2020 6:43

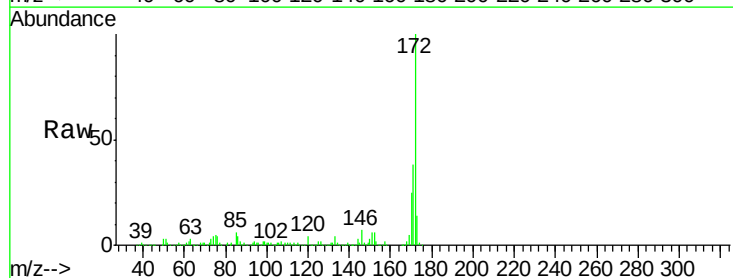
Tgt Ion:172 Resp: 1287827

Ion Ratio Lower Upper

172 100

171 38.1 30.6 46.0

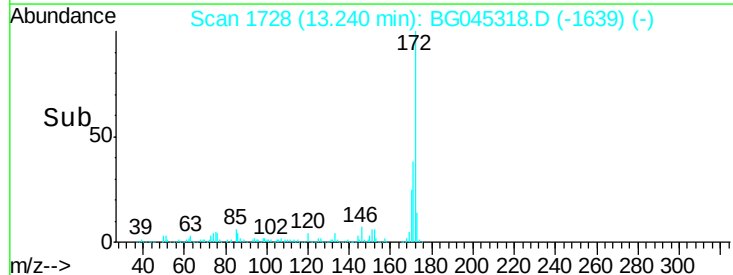
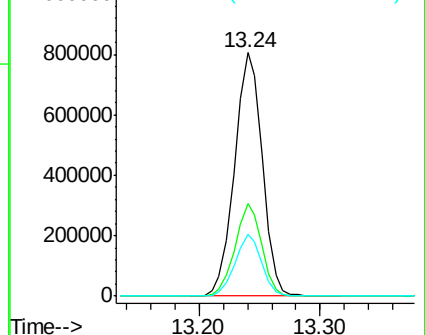
170 25.2 20.5 30.7

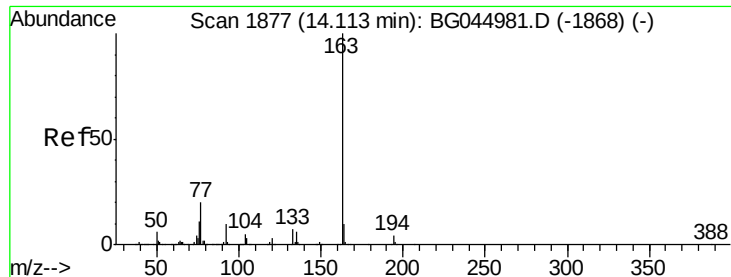


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 10.03 ng

RT: 14.07 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BG045318.D

Acq: 12 May 2020 6:43

Instrument :

BNA_G

ClientSampleId :

TP-14A

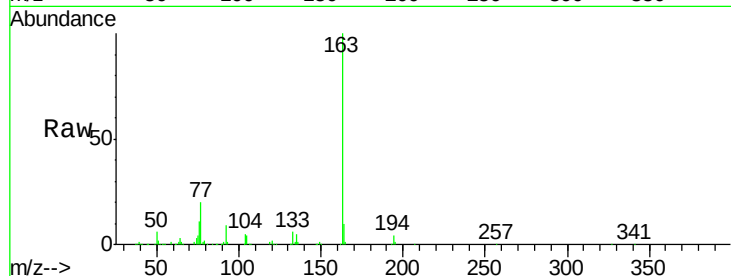
Tgt Ion:163 Resp: 220526

Ion Ratio Lower Upper

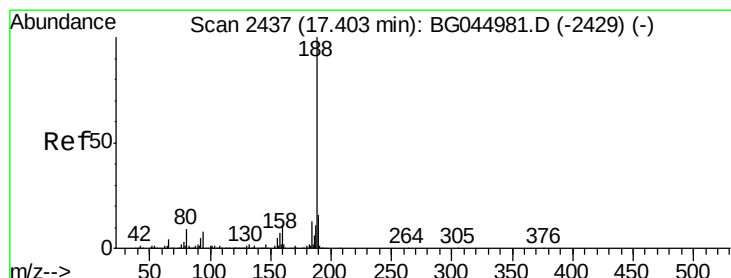
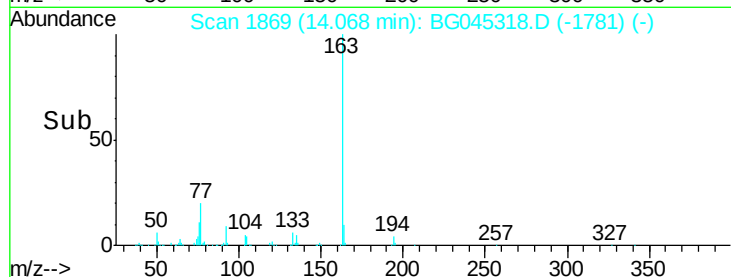
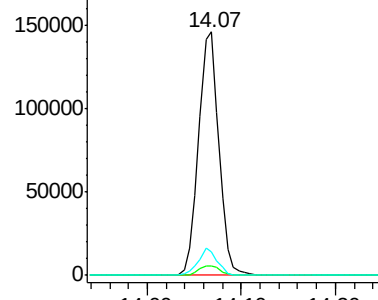
163 100

194 4.1 3.5 5.3

164 9.7 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: 17.36 min Scan# 2430

Delta R.T. -0.01 min

Lab File: BG045318.D

Acq: 12 May 2020 6:43

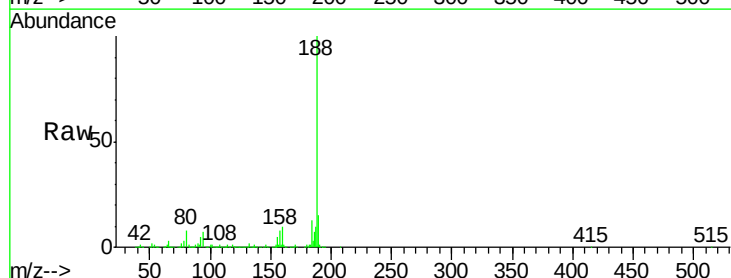
Tgt Ion:188 Resp: 579633

Ion Ratio Lower Upper

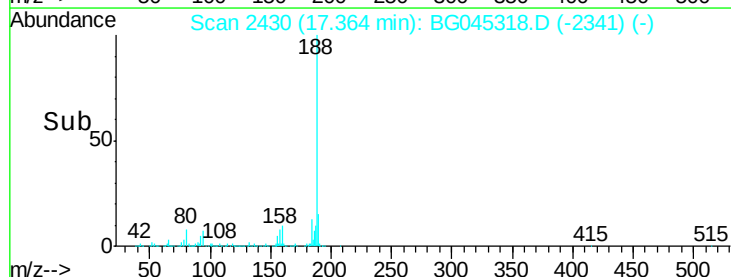
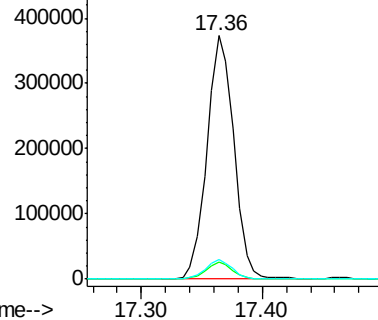
188 100

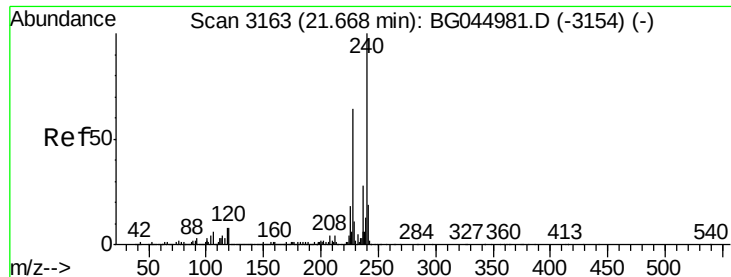
94 7.2 6.2 9.4

80 8.0 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

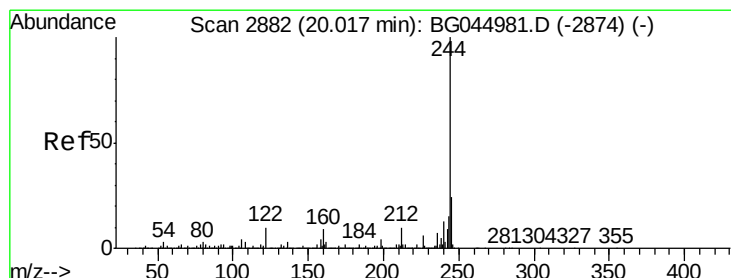
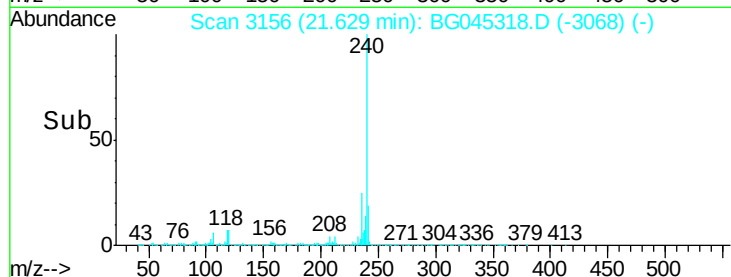
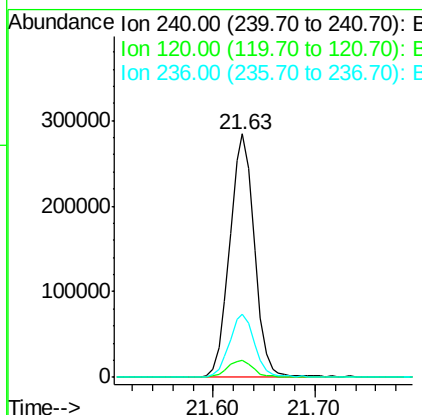
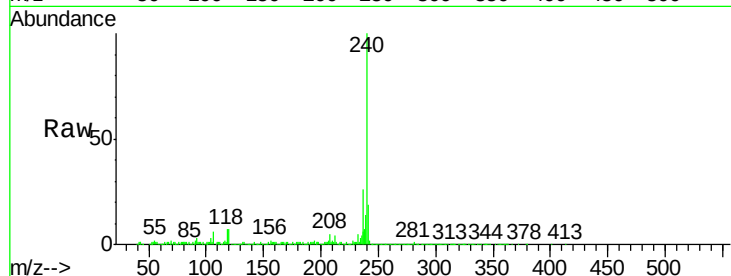




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3156
Delta R.T. -0.01 min
Lab File: BG045318.D
Acq: 12 May 2020 6:43

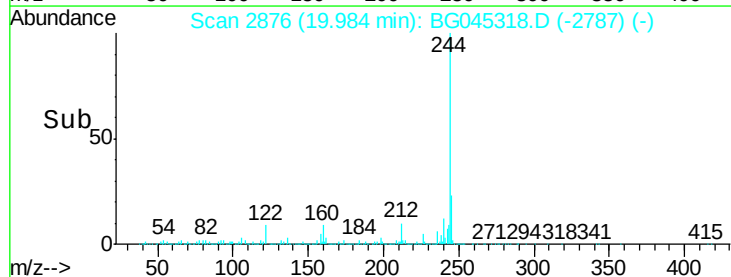
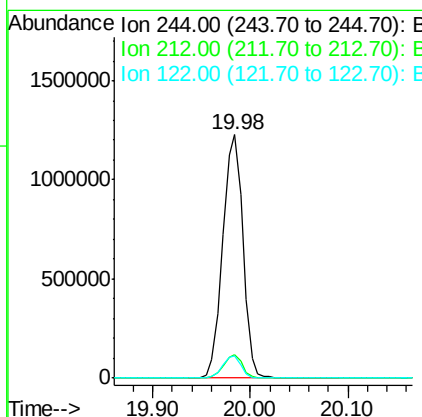
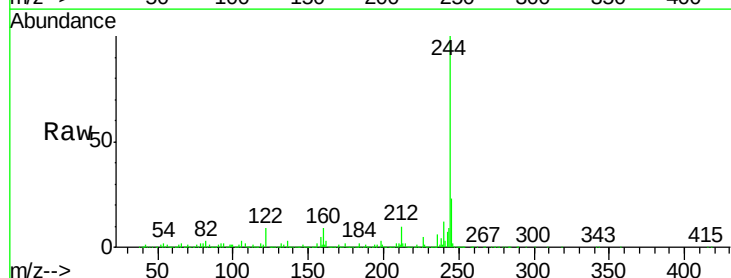
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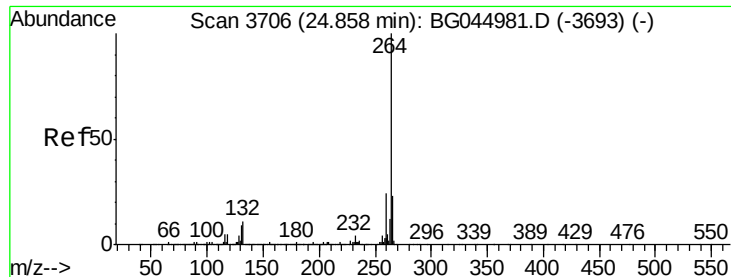
Tgt Ion:240 Resp: 478017
Ion Ratio Lower Upper
240 100
120 7.0 6.6 10.0
236 25.7 22.2 33.2



#79
Terphenyl-d14
Concen: 80.53 ng
RT: 19.98 min Scan# 2876
Delta R.T. -0.01 min
Lab File: BG045318.D
Acq: 12 May 2020 6:43

Tgt Ion:244 Resp: 1766159
Ion Ratio Lower Upper
244 100
212 9.6 7.9 11.9
122 8.9 7.7 11.5





#87

Perylene-d12

Concen: 20.00 ng

RT: 24.79 min Scan# 3695

Delta R.T. -0.01 min

Lab File: BG045318.D

Acq: 12 May 2020 6:43

Instrument :

BNA_G

ClientSampleId :

TP-14A

Tgt Ion: 264 Resp: 521533

Ion Ratio Lower Upper

264 100

260 22.9 19.2 28.8

265 22.8 19.0 28.4

