

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052620\
 Data File : BG045461.D
 Acq On : 26 May 2020 17:34
 Operator : CG/JU
 Sample : L2744-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM66-COMP-2020-0-6

Quant Time: May 27 01:18:23 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 26 14:16:30 2020
 Response via : Initial Calibration

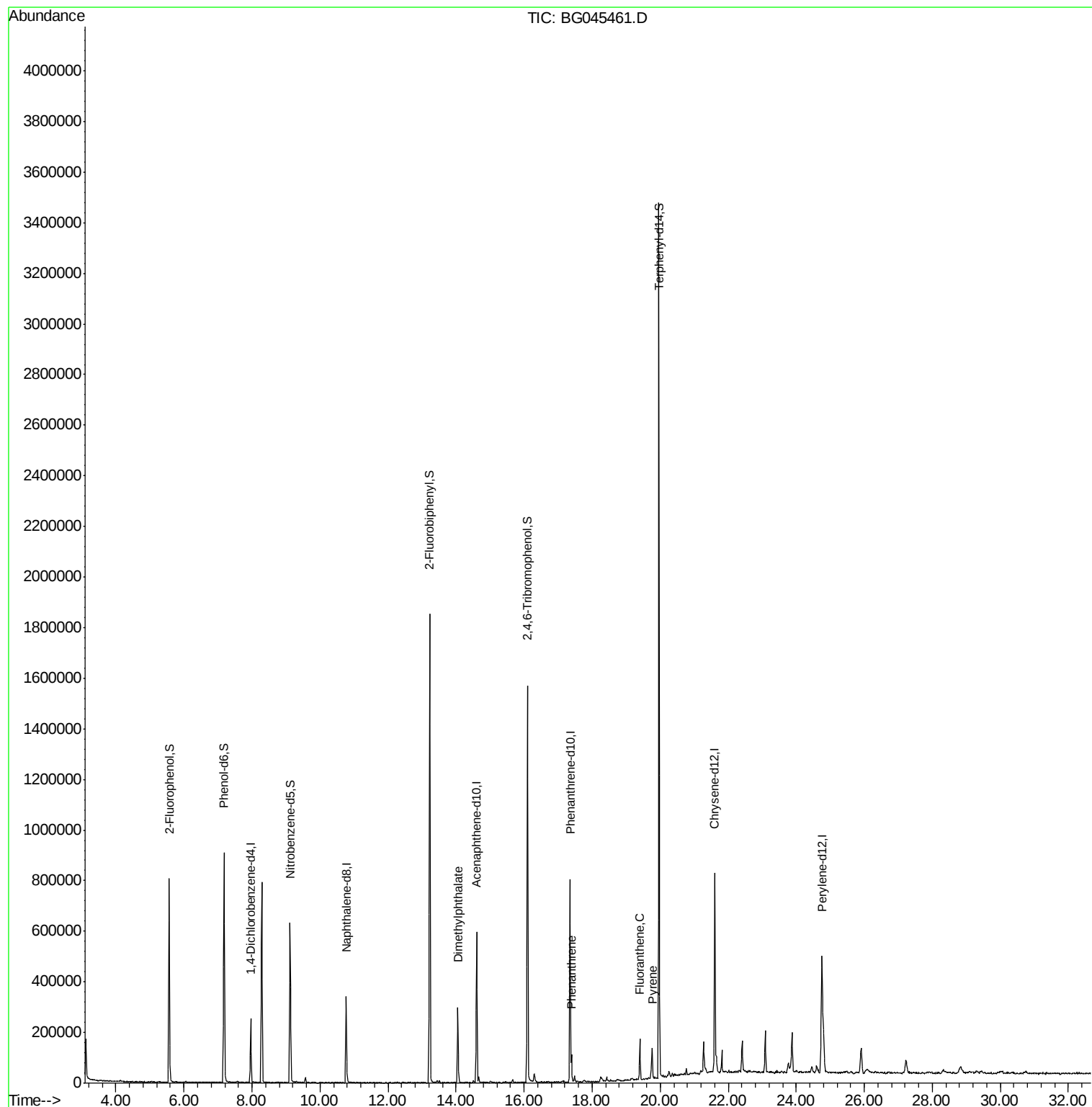
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	76390	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	314760	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	227385	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	522831	20.00	ng	0.00
76) Chrysene-d12	21.60	240	488036	20.00	ng	0.00
87) Perylene-d12	24.76	264	530448	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	398018	101.83	ng	0.00
7) Phenol-d6	7.18	99	605244	108.79	ng	0.00
23) Nitrobenzene-d5	9.12	82	437007	75.71	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	330308	113.59	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	1051658	78.45	ng	0.00
79) Terphenyl-d14	19.97	244	1673505	79.98	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.06	163	216964	13.91	ng	99
71) Phenanthrene	17.39	178	68688	3.01	ng	# 94
75) Fluoranthene	19.40	202	101332	3.49	ng	94
78) Pyrene	19.77	202	83496	3.00	ng	96

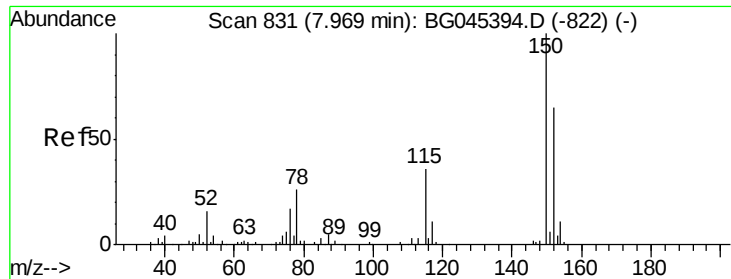
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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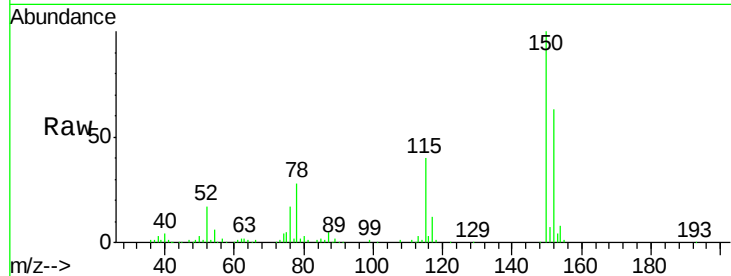


#1

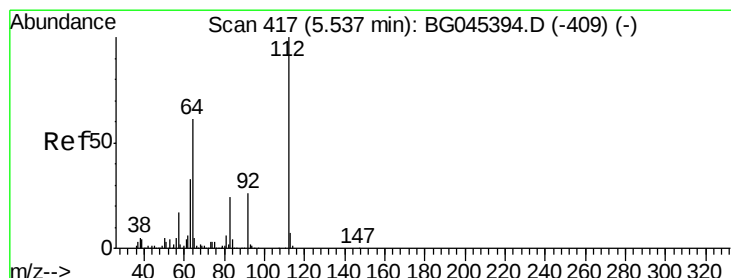
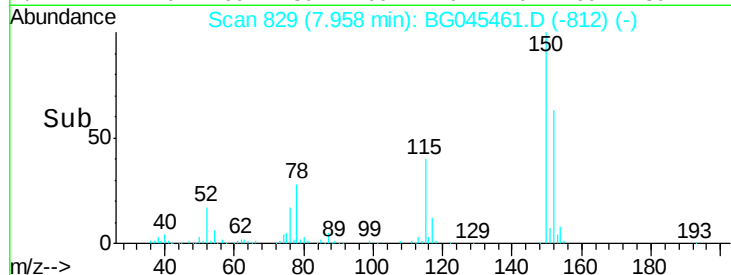
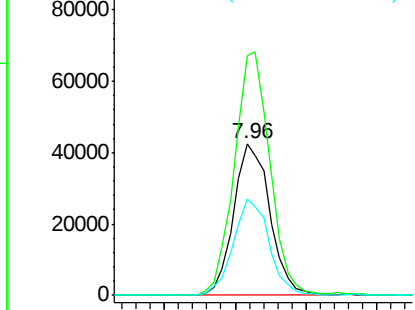
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 829
Delta R.T. 0.00 min
Lab File: BG045461.D
Acq: 26 May 2020 17:34

Instrument :
BNA_G
ClientSampleId :
NM66-COMP-2020-0-6

Tgt Ion:152 Resp: 76390
Ion Ratio Lower Upper
152 100
150 157.7 122.4 183.6
115 63.5 44.2 66.4



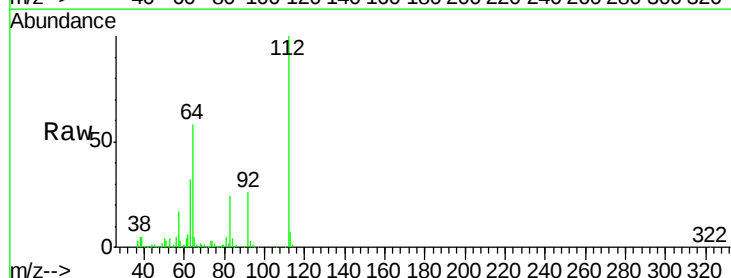
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



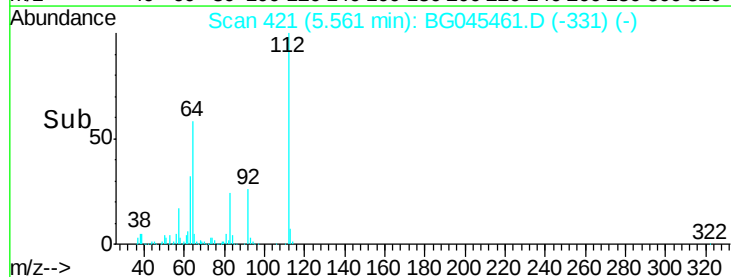
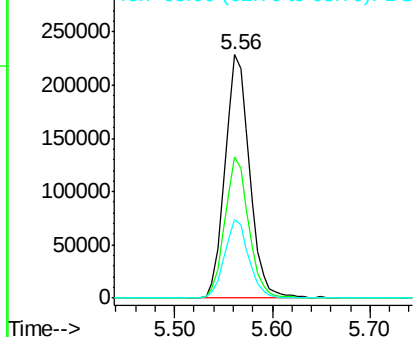
#5

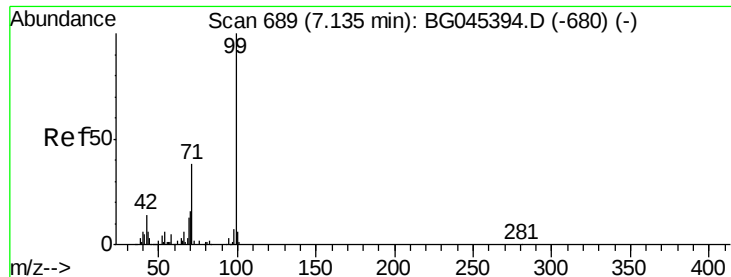
2-Fluorophenol
Concen: 101.83 ng
RT: 5.56 min Scan# 421
Delta R.T. 0.00 min
Lab File: BG045461.D
Acq: 26 May 2020 17:34

Tgt Ion:112 Resp: 398018
Ion Ratio Lower Upper
112 100
64 58.0 48.6 72.8
63 32.1 26.5 39.7



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





#7

Phenol-d6

Concen: 108.79 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG045461.D

Acq: 26 May 2020 17:34

Instrument :

BNA_G

ClientSampleId :

NM66-COMP-2020-0-6

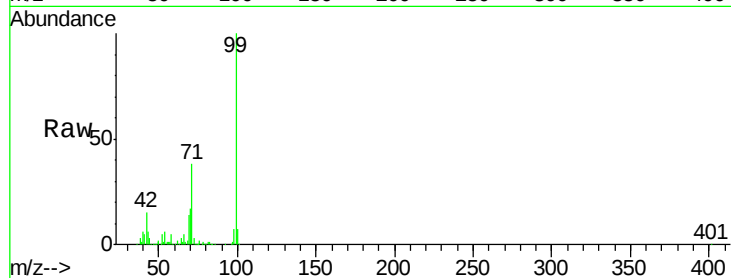
Tgt Ion: 99 Resp: 605244

Ion Ratio Lower Upper

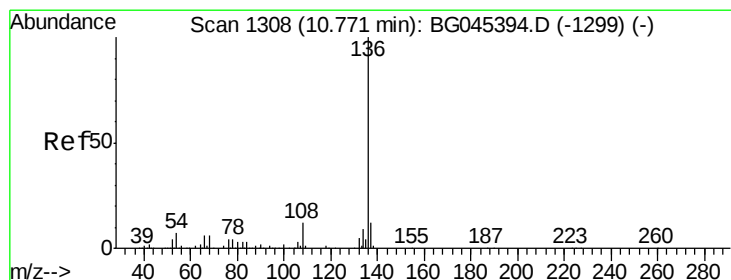
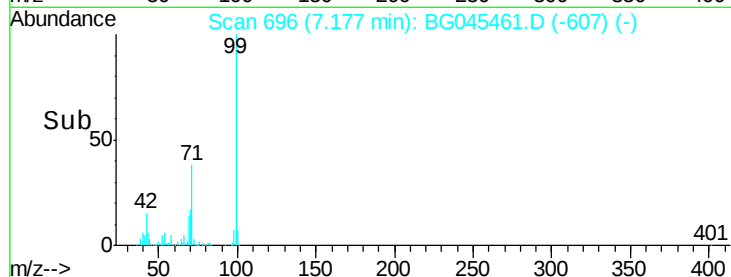
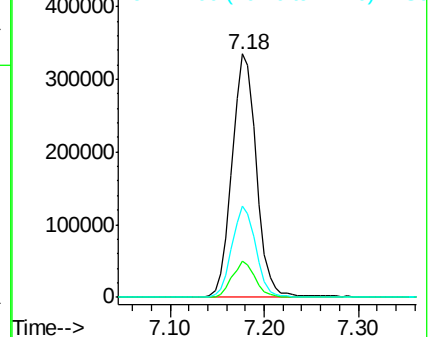
99 100

42 14.8 11.3 16.9

71 37.7 30.8 46.2



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: 20.00 ng

RT: 10.77 min Scan# 1307

Delta R.T. -0.01 min

Lab File: BG045461.D

Acq: 26 May 2020 17:34

Tgt Ion: 136 Resp: 314760

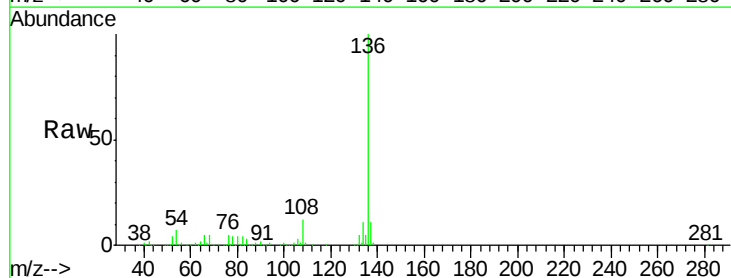
Ion Ratio Lower Upper

136 100

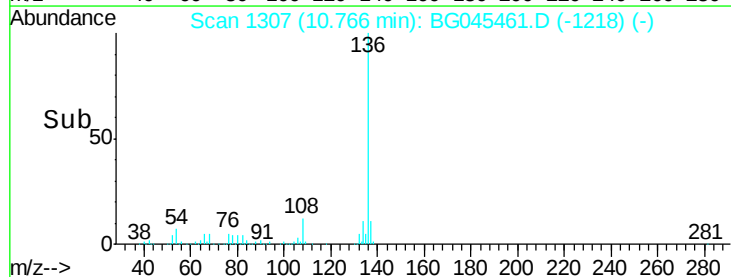
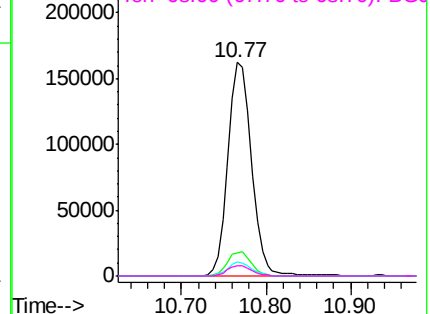
137 11.0 9.4 14.2

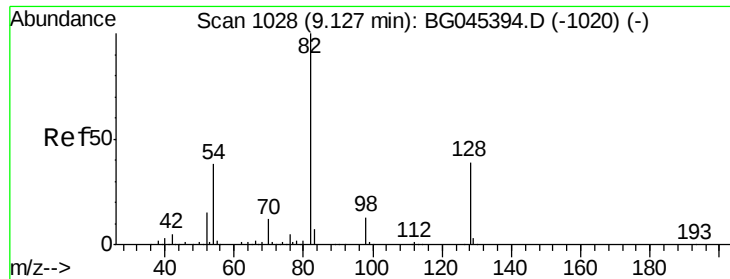
54 6.6 5.8 8.6

68 5.1 4.5 6.7



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

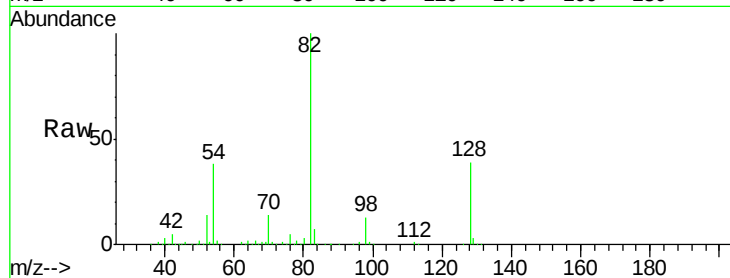




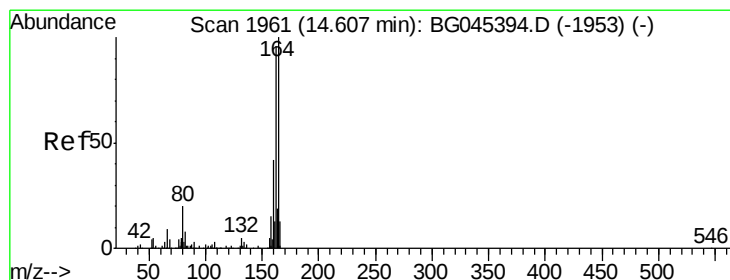
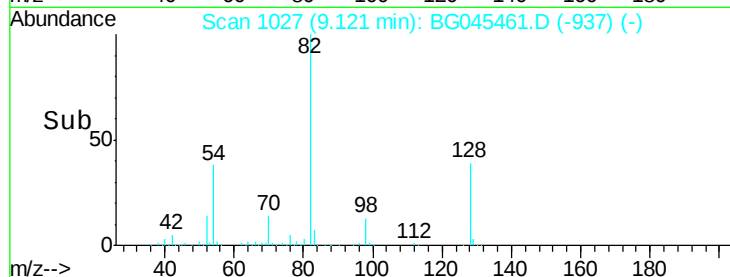
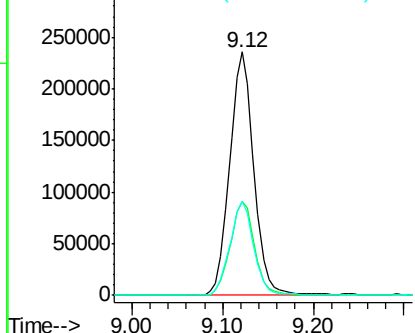
#23
 Nitrobenzene-d5
 Concen: 75.71 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045461.D
 Acq: 26 May 2020 17:34

Instrument :
 BNA_G
 ClientSampleId :
 NM66-COMP-2020-0-6

Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.7	30.9	46.3
54	38.4	30.3	45.5

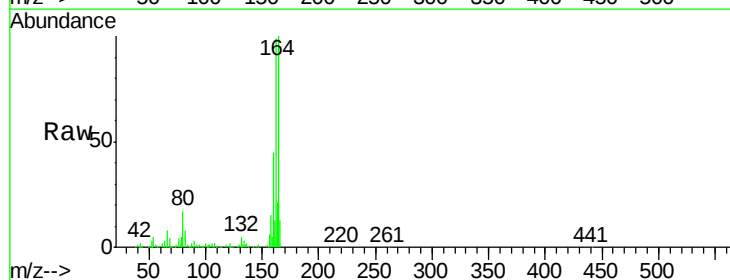


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

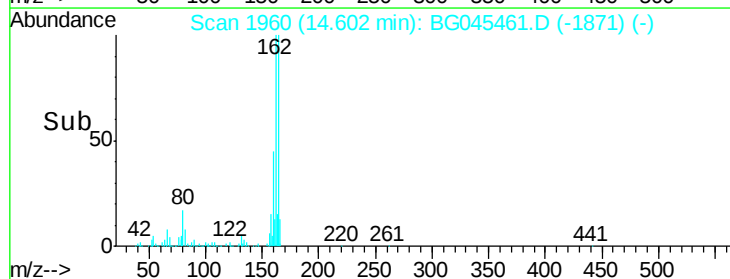
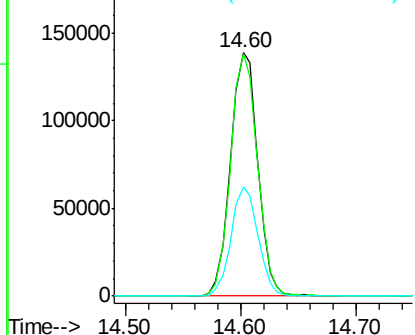


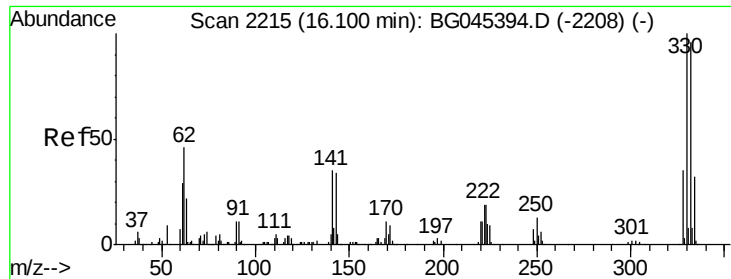
#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.60 min Scan# 1960
 Delta R.T. -0.01 min
 Lab File: BG045461.D
 Acq: 26 May 2020 17:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.4	76.9	115.3
160	44.7	33.8	50.8



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

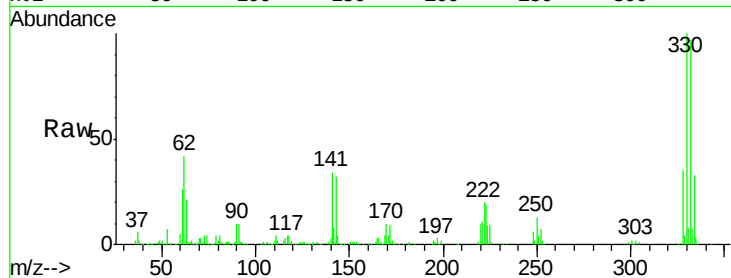




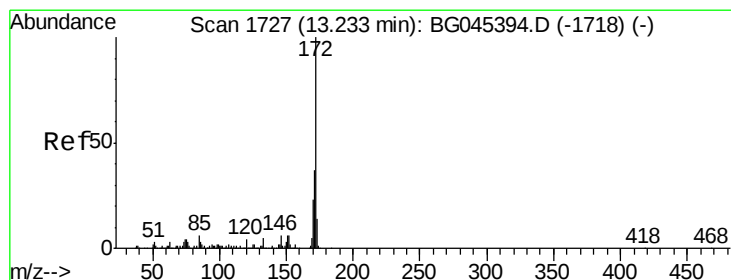
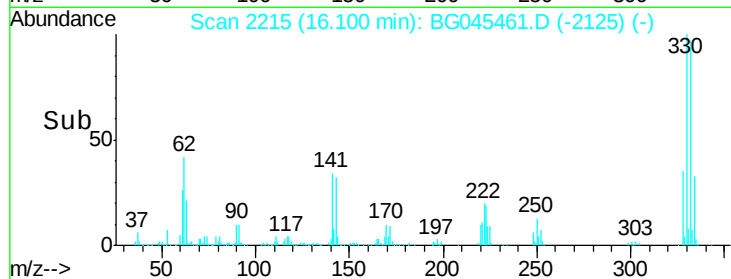
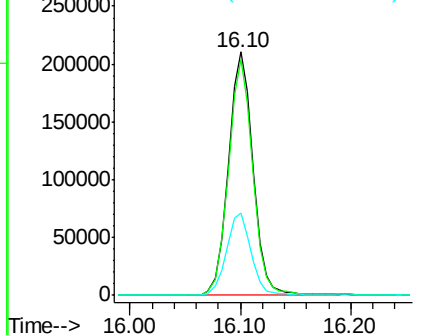
#42
 2,4,6-Tribromophenol
 Concen: 113.59 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG045461.D
 Acq: 26 May 2020 17:34

Instrument :
 BNA_G
 ClientSampleId :
 NM66-COMP-2020-0-6

Tgt Ion:330 Resp: 330308
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.2 117.4
 141 33.9 28.2 42.4

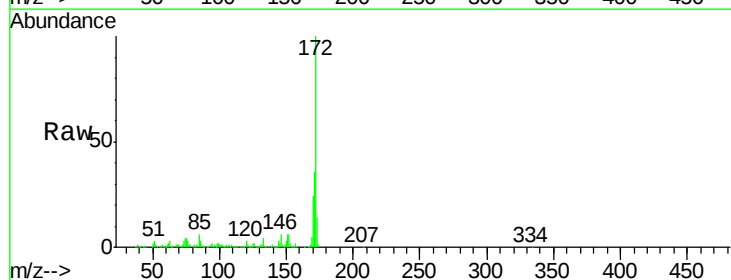


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

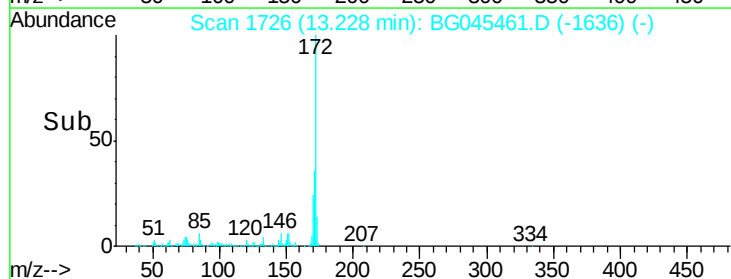
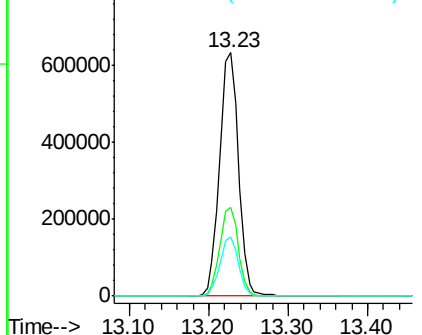


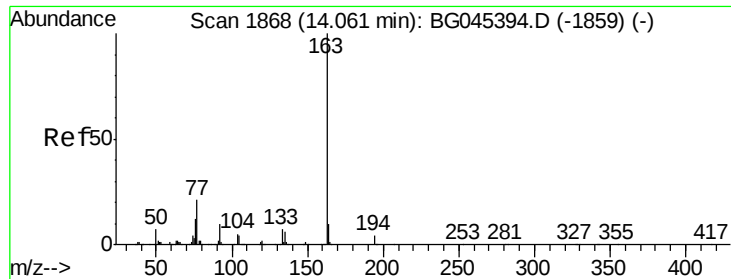
#45
 2-Fluorobiphenyl
 Concen: 78.45 ng
 RT: 13.23 min Scan# 1726
 Delta R.T. 0.00 min
 Lab File: BG045461.D
 Acq: 26 May 2020 17:34

Tgt Ion:172 Resp: 1051658
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.5 44.3
 170 24.1 18.5 27.7



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: 13.91 ng

RT: 14.06 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG045461.D

Acq: 26 May 2020 17:34

Instrument :

BNA_G

ClientSampleId :

NM66-COMP-2020-0-6

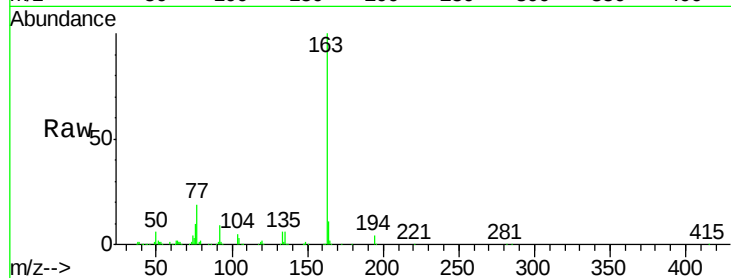
Tgt Ion:163 Resp: 216964

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

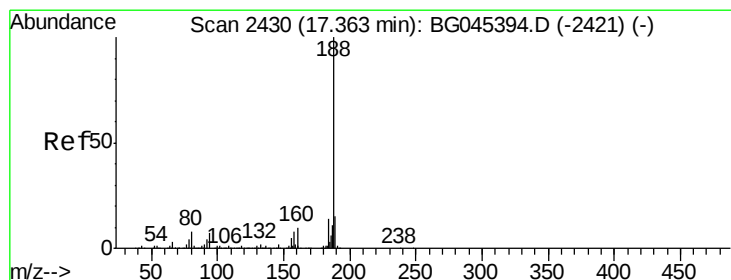
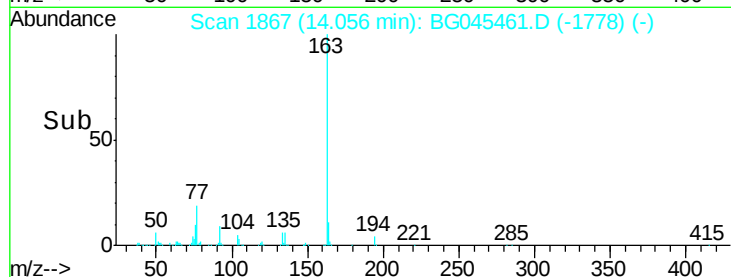
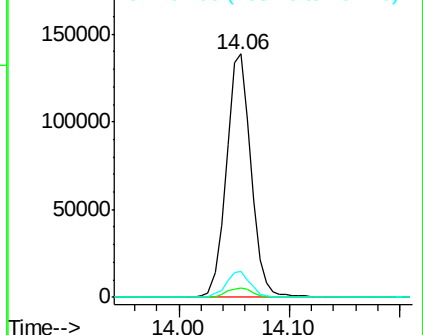
164 10.7 8.3 12.5



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: 17.35 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BG045461.D

Acq: 26 May 2020 17:34

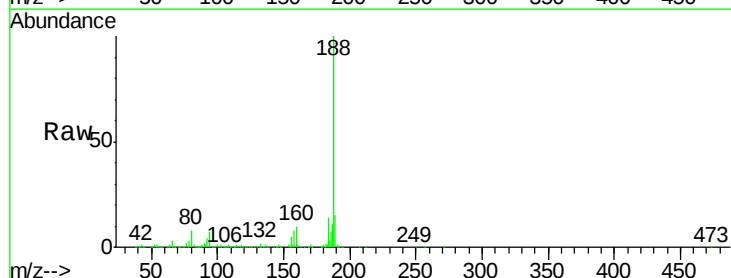
Tgt Ion:188 Resp: 522831

Ion Ratio Lower Upper

188 100

94 7.2 5.5 8.3

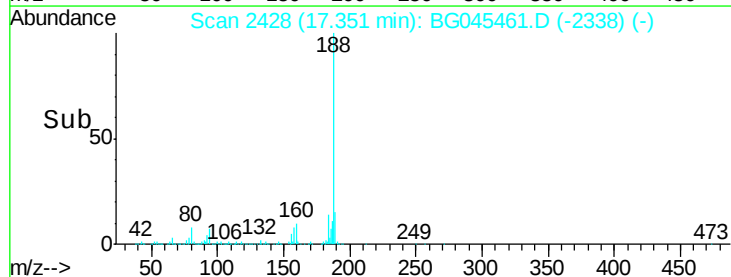
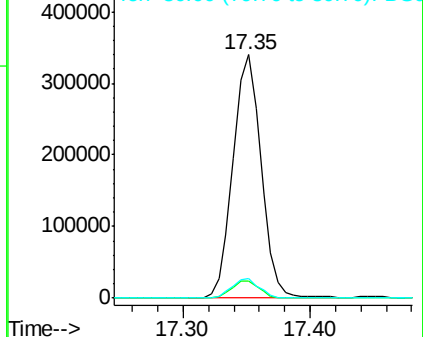
80 8.0 6.6 10.0

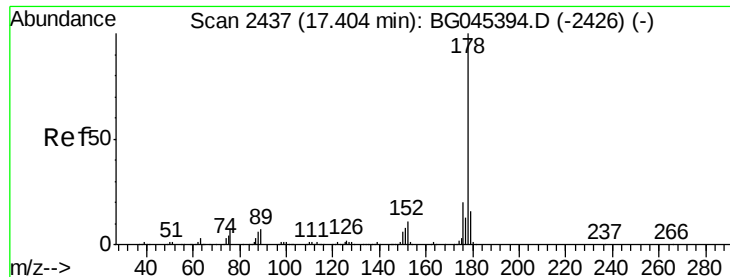


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#71

Phenanthrene

Concen: 3.01 ng

RT: 17.39 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BG045461.D

Acq: 26 May 2020 17:34

Instrument :

BNA_G

ClientSampleId :

NM66-COMP-2020-0-6

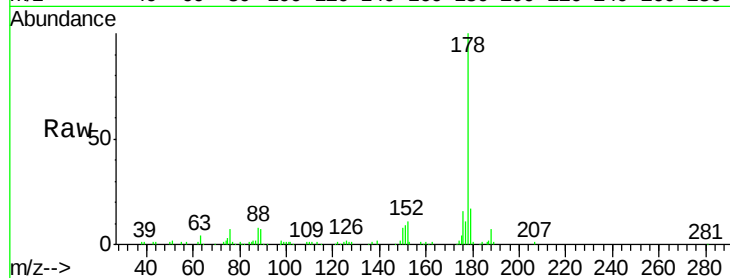
Tgt Ion:178 Resp: 68688

Ion Ratio Lower Upper

178 100

176 15.7 16.2 24.4#

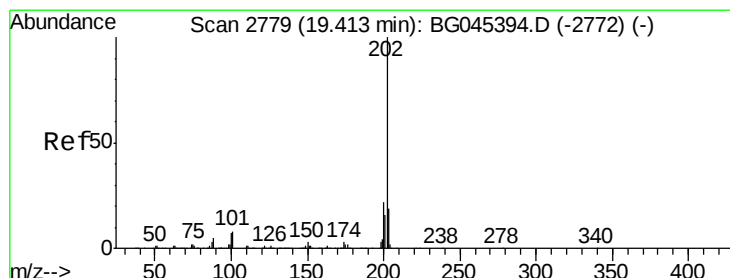
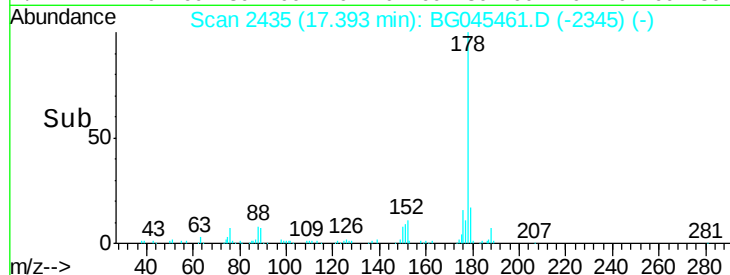
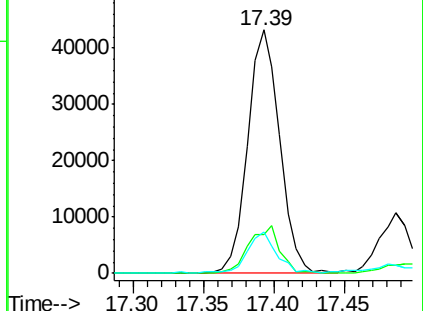
179 16.8 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Fluoranthene

Concen: 3.49 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.01 min

Lab File: BG045461.D

Acq: 26 May 2020 17:34

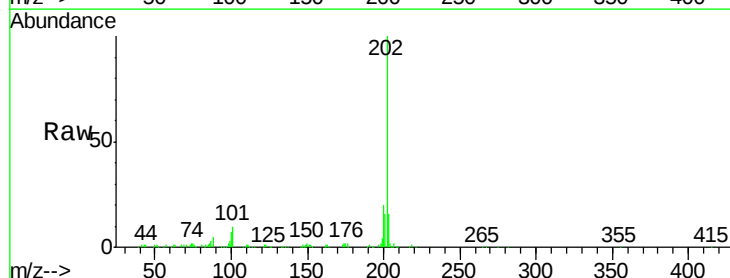
Tgt Ion:202 Resp: 101332

Ion Ratio Lower Upper

202 100

101 9.5 0.0 28.3

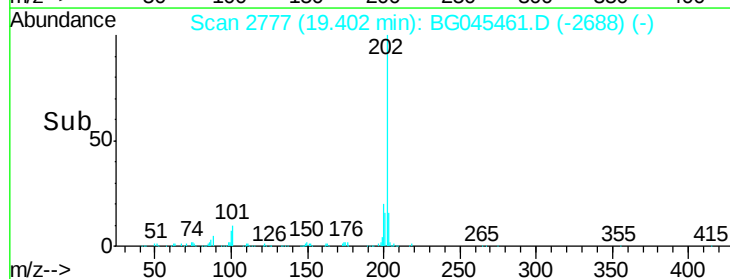
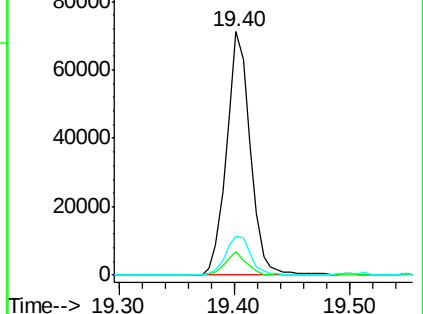
203 16.0 0.0 39.0

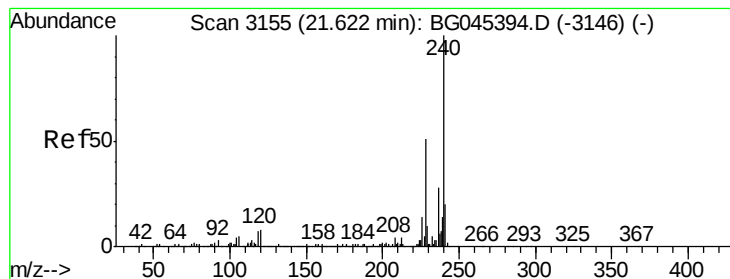


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.60 min Scan# 3152

Delta R.T. -0.01 min

Lab File: BG045461.D

Acq: 26 May 2020 17:34

Instrument :

BNA_G

ClientSampleId :

NM66-COMP-2020-0-6

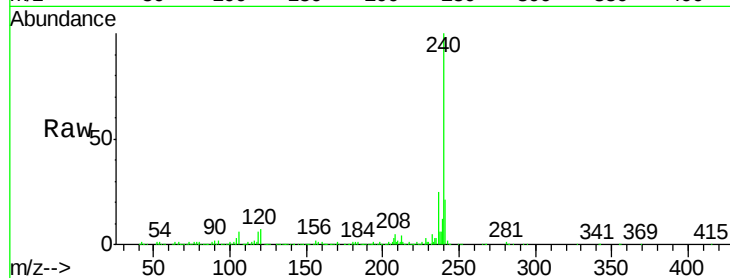
Tgt Ion:240 Resp: 488036

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

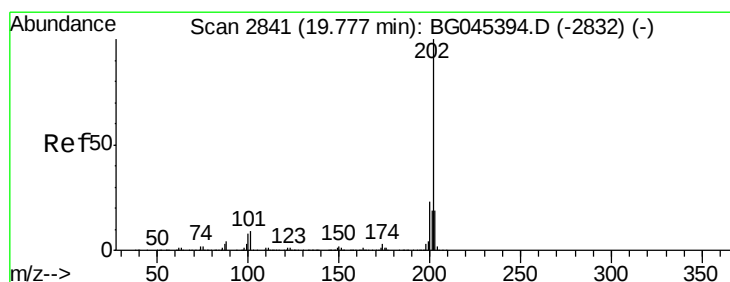
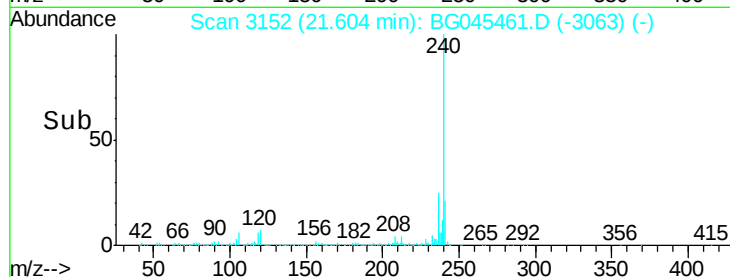
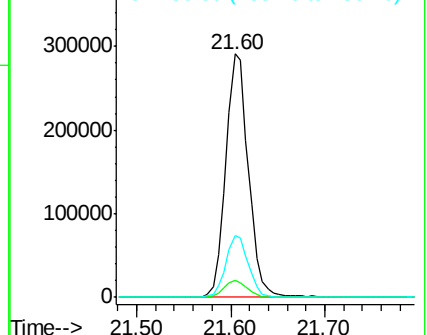
236 25.4 22.3 33.5



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



#78

Pyrene

Concen: 3.00 ng

RT: 19.77 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BG045461.D

Acq: 26 May 2020 17:34

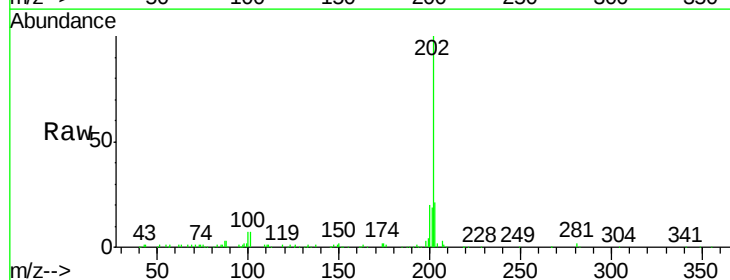
Tgt Ion:202 Resp: 83496

Ion Ratio Lower Upper

202 100

200 20.5 18.2 27.2

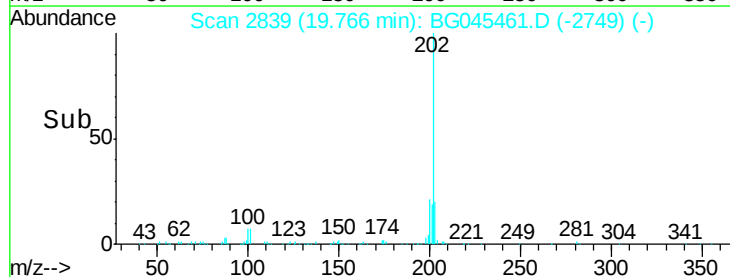
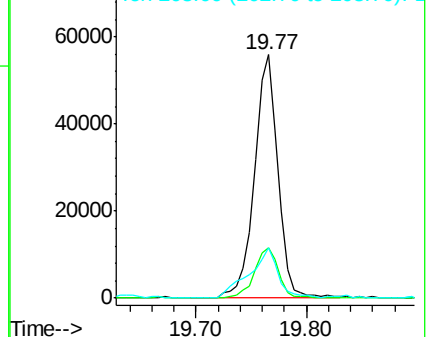
203 20.7 15.1 22.7

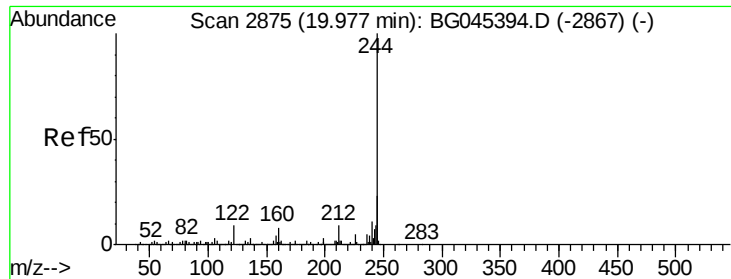


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.98 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045461.D

Acq: 26 May 2020 17:34

Instrument :

BNA_G

ClientSampleId :

NM66-COMP-2020-0-6

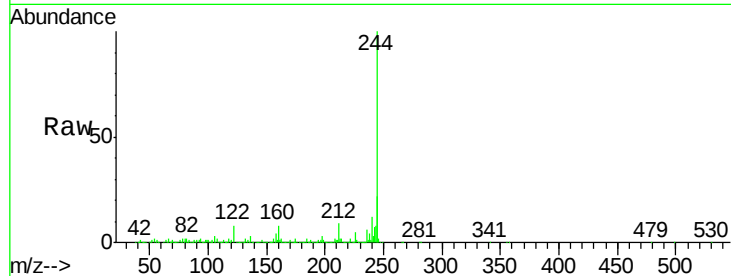
Tgt Ion:244 Resp: 1673505

Ion Ratio Lower Upper

244 100

212 8.8 7.4 11.0

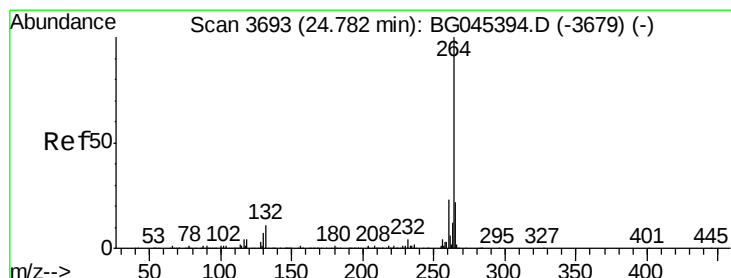
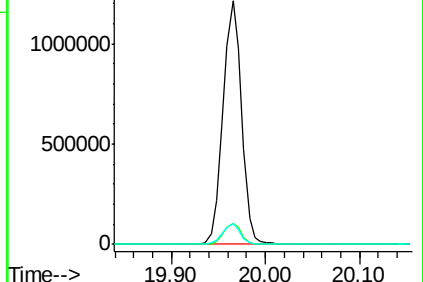
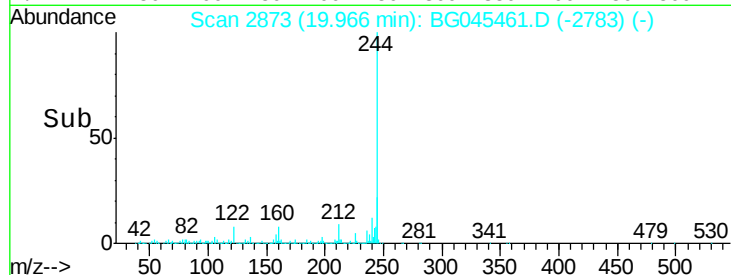
122 8.3 6.8 10.2



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: 24.76 min Scan# 3689

Delta R.T. 0.00 min

Lab File: BG045461.D

Acq: 26 May 2020 17:34

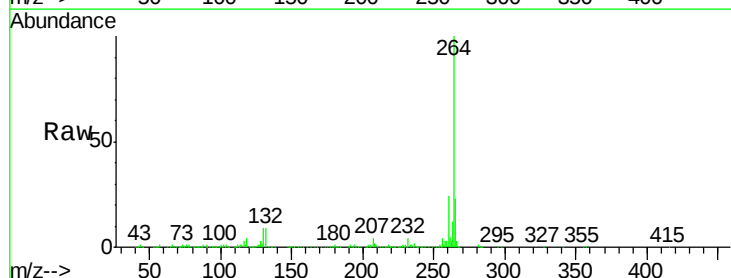
Tgt Ion:264 Resp: 530448

Ion Ratio Lower Upper

264 100

260 23.7 18.2 27.4

265 22.6 17.6 26.4



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

