

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052620\
 Data File : BG045466.D
 Acq On : 26 May 2020 20:57
 Operator : CG/JU
 Sample : L2745-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM62-COMP-2020-0-6

Quant Time: May 27 02:11:02 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

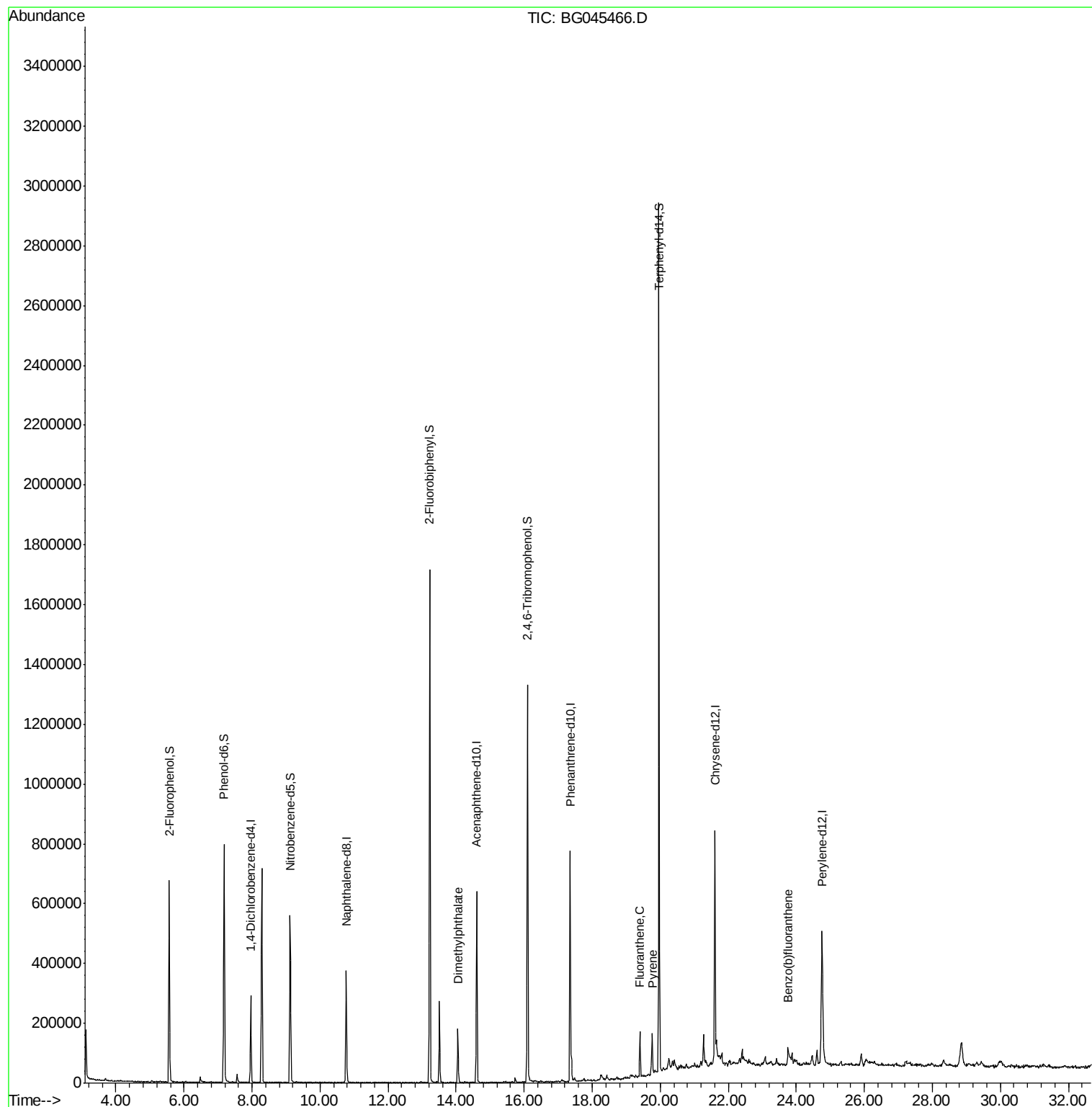
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	84831	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	339738	20.00	ng	0.00
39) Acenaphthene-d10	14.61	164	235844	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	522590	20.00	ng	0.00
76) Chrysene-d12	21.61	240	478259	20.00	ng	0.00
87) Perylene-d12	24.76	264	518985	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	340395	78.42	ng	0.00
7) Phenol-d6	7.18	99	545269	88.26	ng	0.00
23) Nitrobenzene-d5	9.12	82	388206	62.31	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	280891	93.13	ng	0.00
45) 2-Fluorobiphenyl	13.23	172	944162	67.90	ng	0.00
79) Terphenyl-d14	19.96	244	1383648	67.48	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.05	163	123690	7.65	ng	Qvalue # 95
75) Fluoranthene	19.41	202	96249	3.32	ng	96
78) Pyrene	19.76	202	89473	3.28	ng	95
88) Benzo(b)fluoranthene	23.76	252	70173	2.52	ng	98

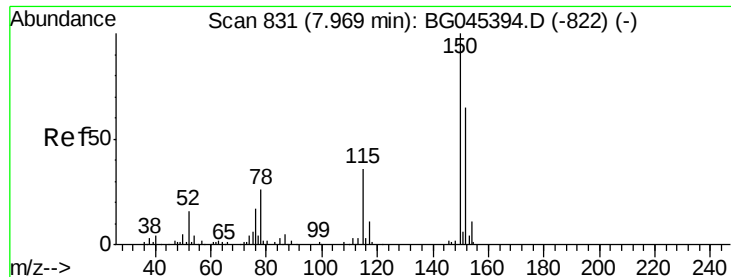
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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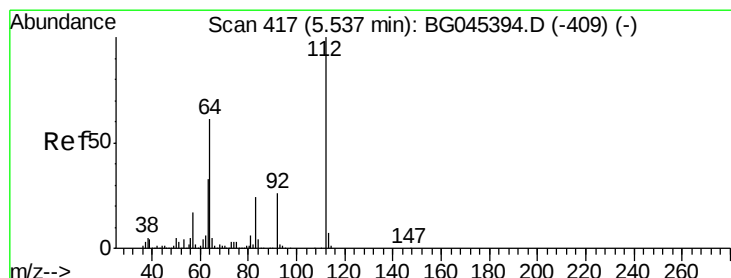
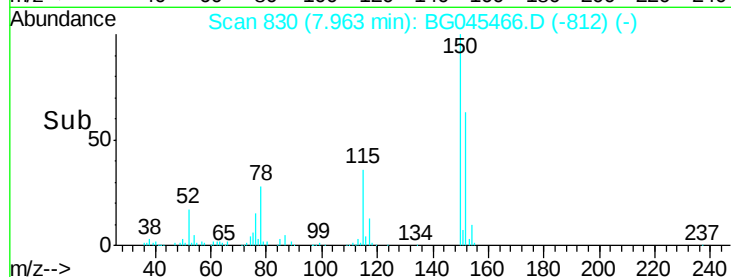
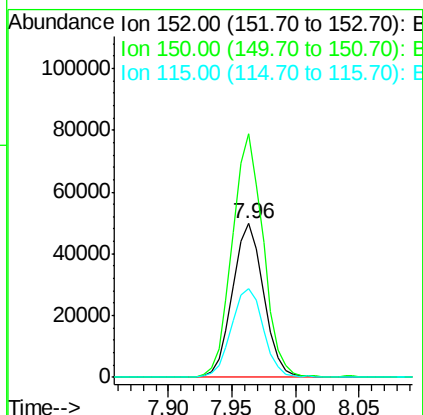
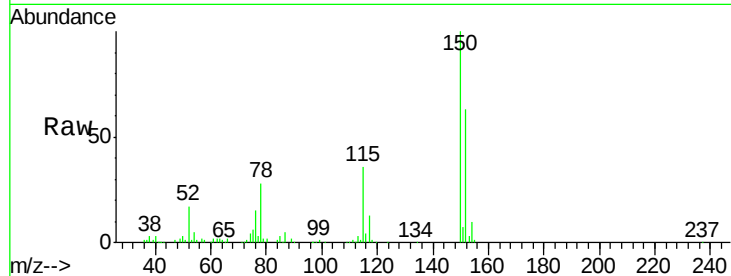


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.96 min Scan# 830
Delta R.T. 0.01 min
Lab File: BG045466.D
Acq: 26 May 2020 20:57

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6

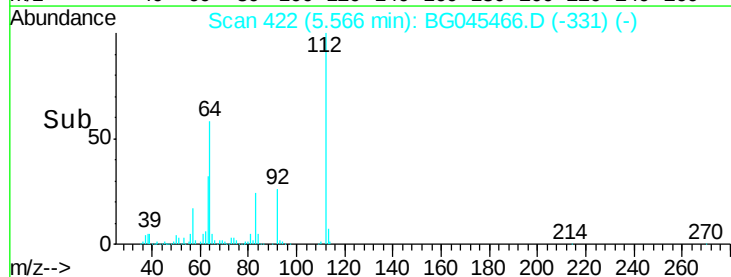
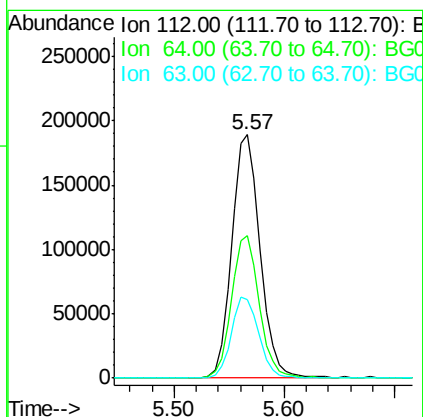
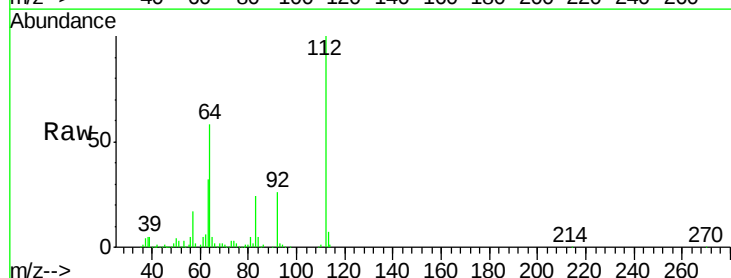
Tgt Ion:152 Resp: 84831
Ion Ratio Lower Upper
152 100
150 158.2 122.4 183.6
115 57.7 44.2 66.4

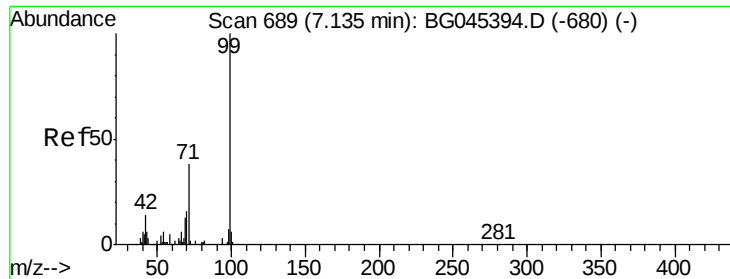


#5

2-Fluorophenol
Concen: 78.42 ng
RT: 5.57 min Scan# 422
Delta R.T. 0.01 min
Lab File: BG045466.D
Acq: 26 May 2020 20:57

Tgt Ion:112 Resp: 340395
Ion Ratio Lower Upper
112 100
64 58.5 48.6 72.8
63 32.2 26.5 39.7





#7

Phenol-d6

Concen: 88.26 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.01 min

Lab File: BG045466.D

Acq: 26 May 2020 20:57

Instrument :

BNA_G

ClientSampleId :

NM62-COMP-2020-0-6

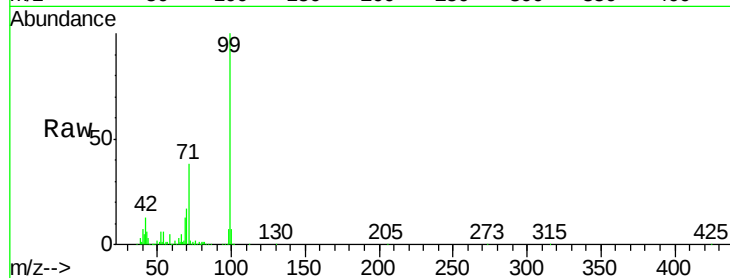
Tgt Ion: 99 Resp: 545269

Ion Ratio Lower Upper

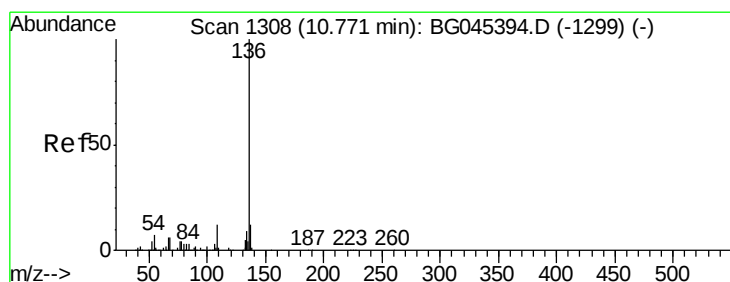
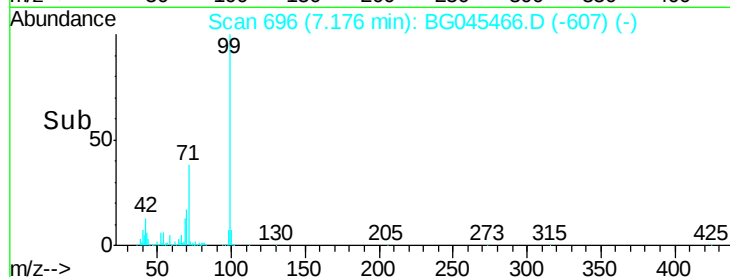
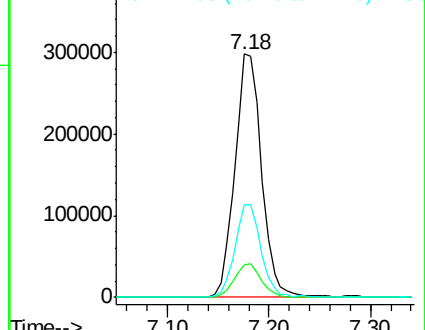
99 100

42 13.4 11.3 16.9

71 38.0 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# 1308

Delta R.T. -0.00 min

Lab File: BG045466.D

Acq: 26 May 2020 20:57

Tgt Ion: 136 Resp: 339738

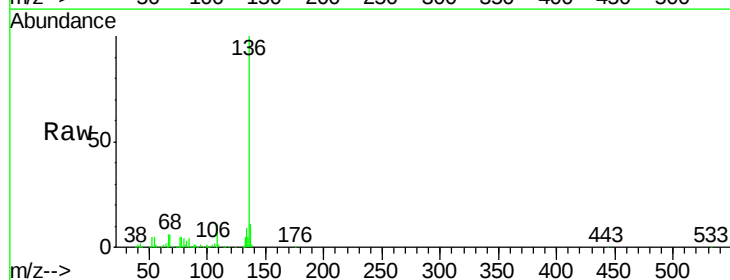
Ion Ratio Lower Upper

136 100

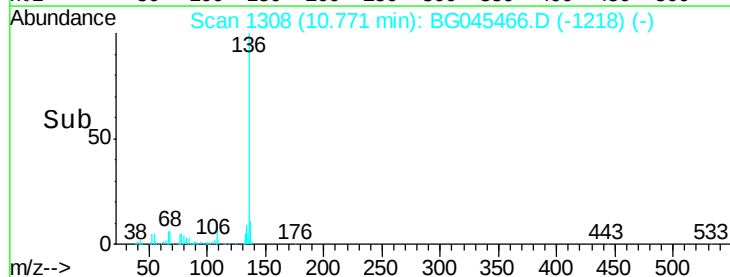
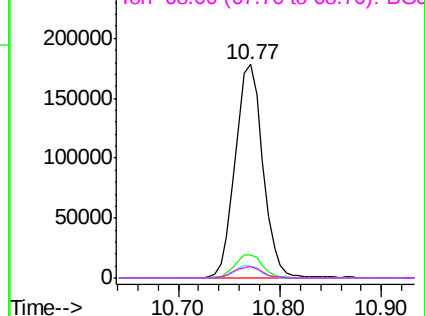
137 10.8 9.4 14.2

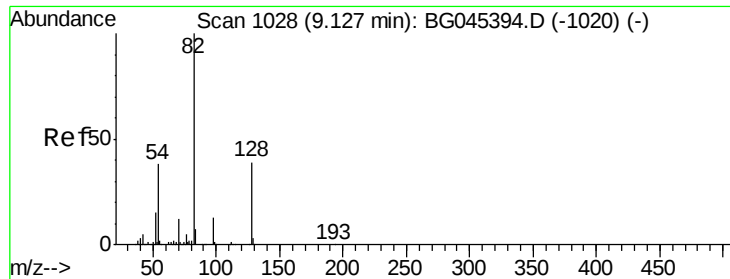
54 5.5 5.8 8.6#

68 5.6 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

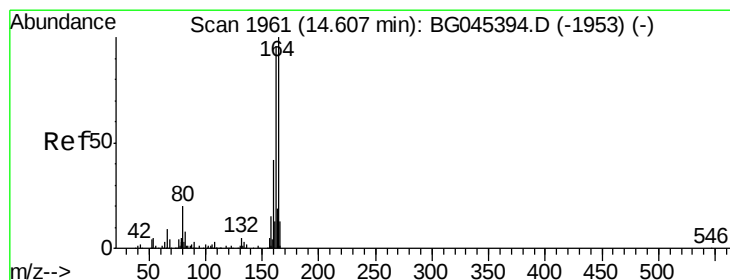
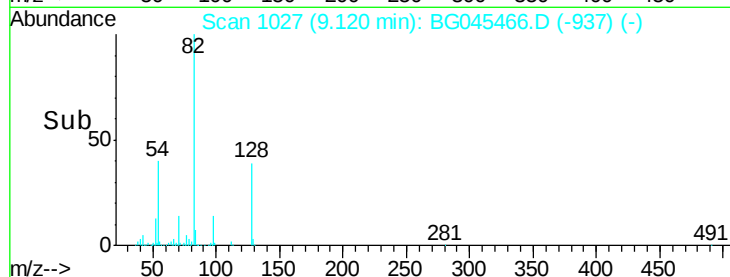
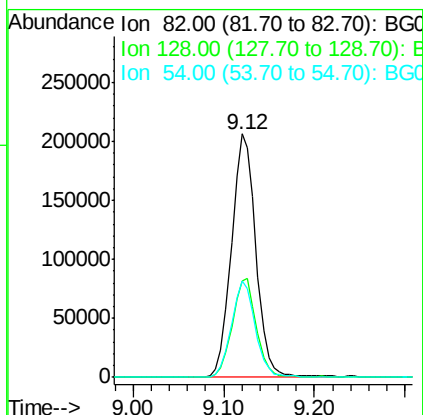
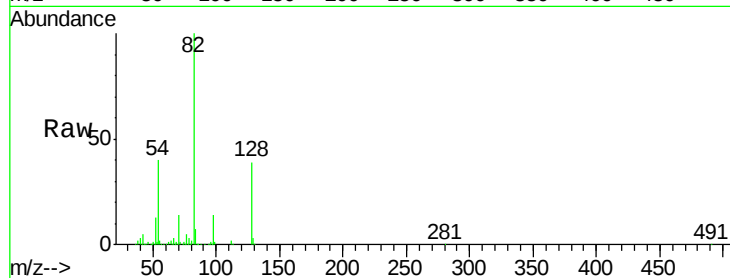




#23
 Nitrobenzene-d5
 Concen: 62.31 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. -0.00 min
 Lab File: BG045466.D
 Acq: 26 May 2020 20:57

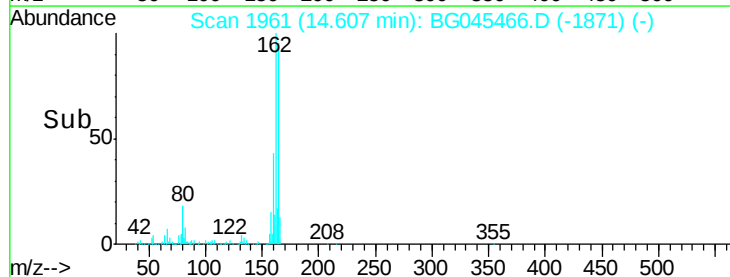
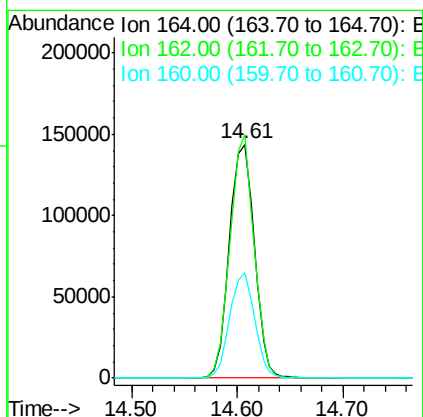
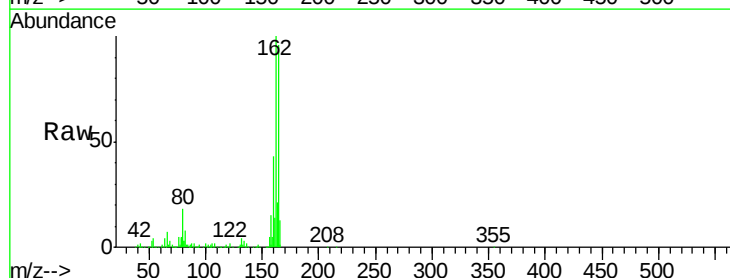
Instrument :
 BNA_G
 ClientSampleId :
 NM62-COMP-2020-0-6

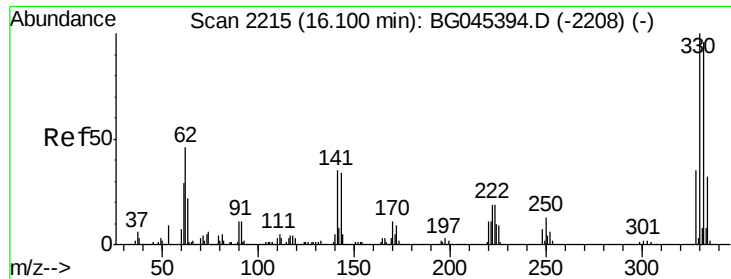
Tgt Ion: 82 Resp: 388206
 Ion Ratio Lower Upper
 82 100
 128 39.4 30.9 46.3
 54 39.5 30.3 45.5



#39
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.61 min Scan# 1961
 Delta R.T. -0.00 min
 Lab File: BG045466.D
 Acq: 26 May 2020 20:57

Tgt Ion: 164 Resp: 235844
 Ion Ratio Lower Upper
 164 100
 162 104.2 76.9 115.3
 160 45.2 33.8 50.8





#42

2,4,6-Tribromophenol

Concen: 93.13 ng

RT: 16.10 min Scan# 2215

Delta R.T. -0.00 min

Lab File: BG045466.D

Acq: 26 May 2020 20:57

Instrument :

BNA_G

ClientSampleId :

NM62-COMP-2020-0-6

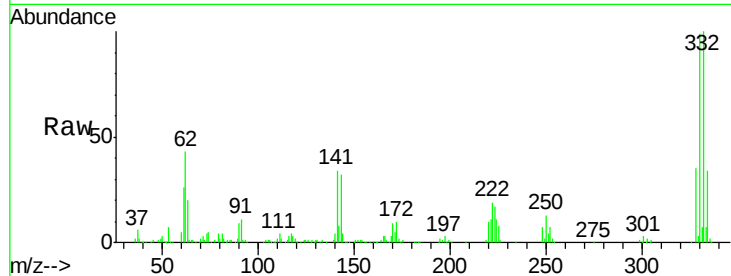
Tgt Ion:330 Resp: 280891

Ion Ratio Lower Upper

330 100

332 96.7 78.2 117.4

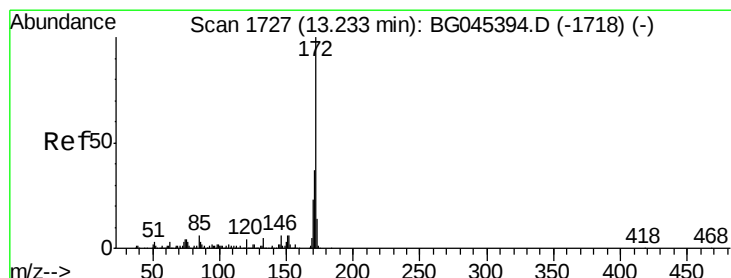
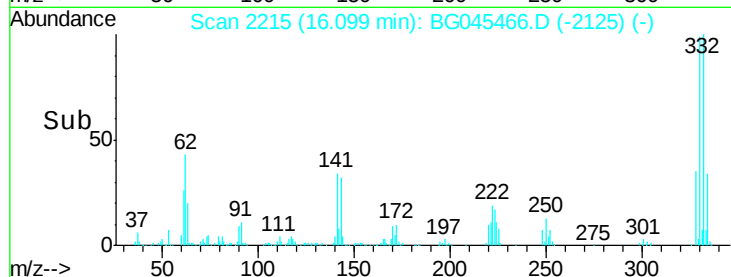
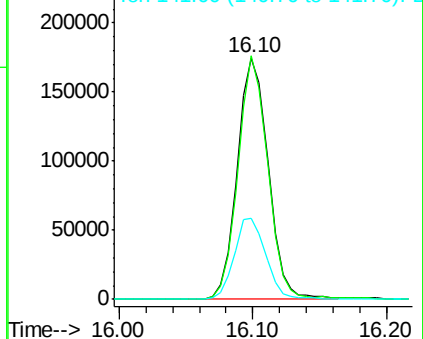
141 34.6 28.2 42.4



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: 67.90 ng

RT: 13.23 min Scan# 1726

Delta R.T. -0.00 min

Lab File: BG045466.D

Acq: 26 May 2020 20:57

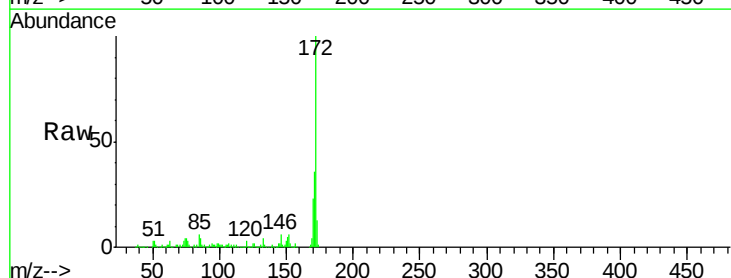
Tgt Ion:172 Resp: 944162

Ion Ratio Lower Upper

172 100

171 35.9 29.5 44.3

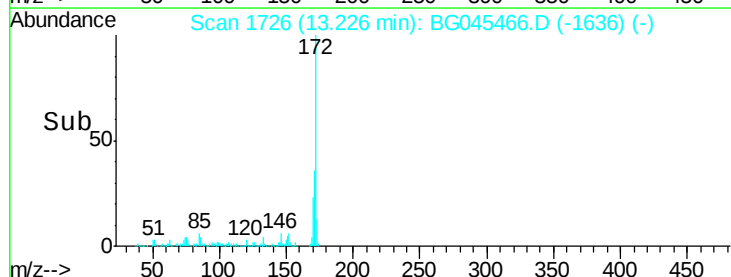
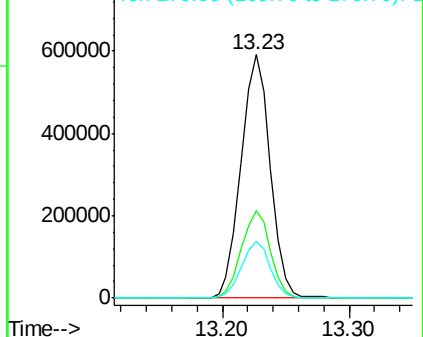
170 23.2 18.5 27.7



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: 7.65 ng

RT: 14.05 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BG045466.D

Acq: 26 May 2020 20:57

Instrument :

BNA_G

ClientSampleId :

NM62-COMP-2020-0-6

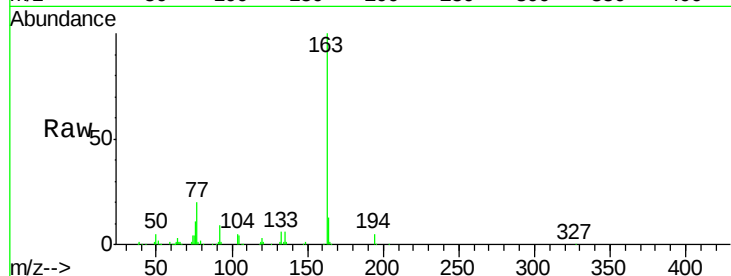
Tgt Ion:163 Resp: 123690

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

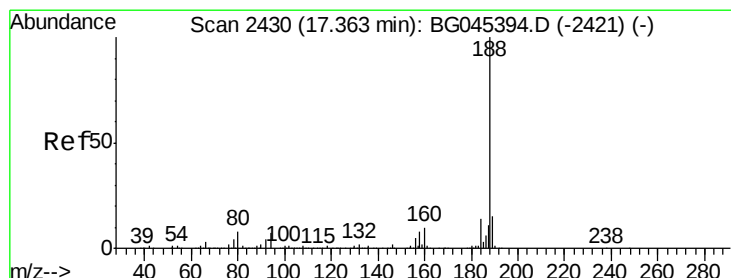
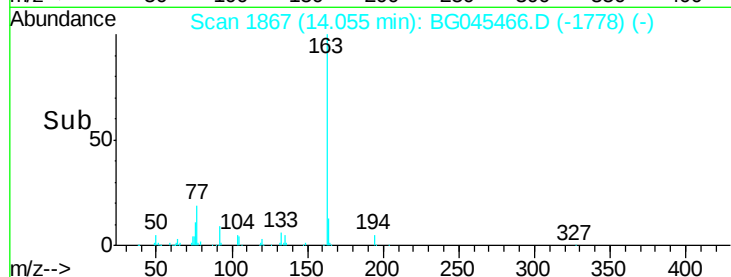
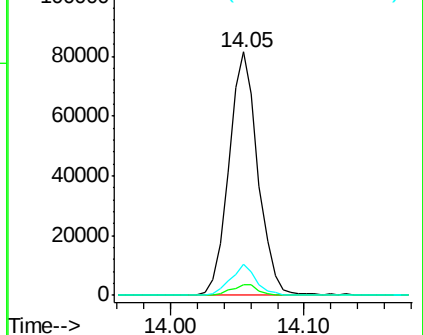
164 13.0 8.3 12.5#



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: BG045466.D

Acq: 26 May 2020 20:57

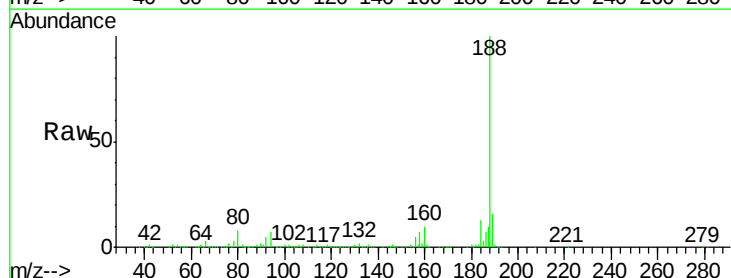
Tgt Ion:188 Resp: 522590

Ion Ratio Lower Upper

188 100

94 7.1 5.5 8.3

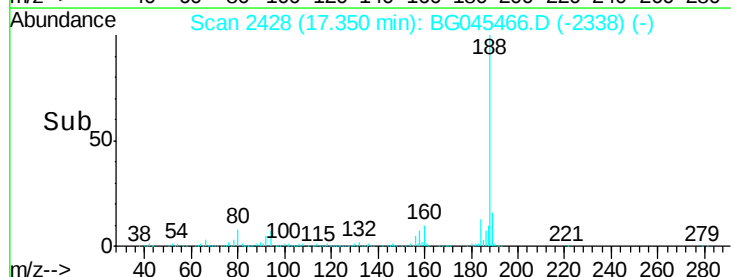
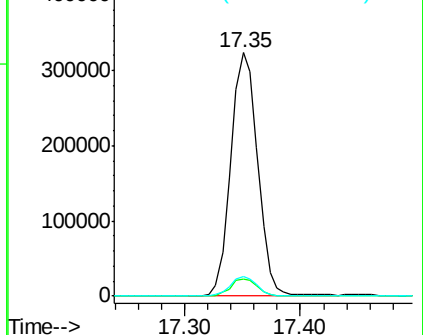
80 7.8 6.6 10.0

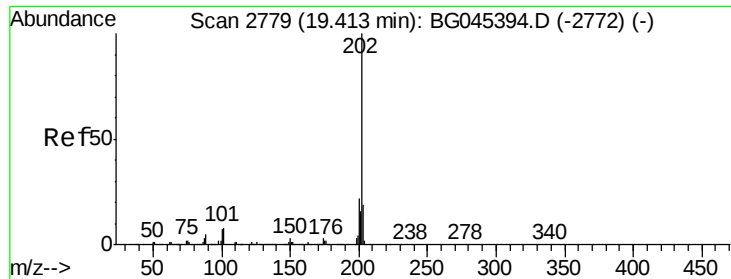


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Fluoranthene

Concen: 3.32 ng

RT: 19.41 min Scan# 2778

Delta R.T. -0.00 min

Lab File: BG045466.D

Acq: 26 May 2020 20:57

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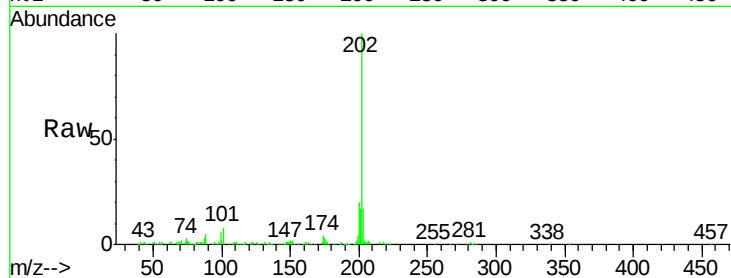
Tgt Ion:202 Resp: 96249

Ion Ratio Lower Upper

202 100

101 7.6 0.0 28.3

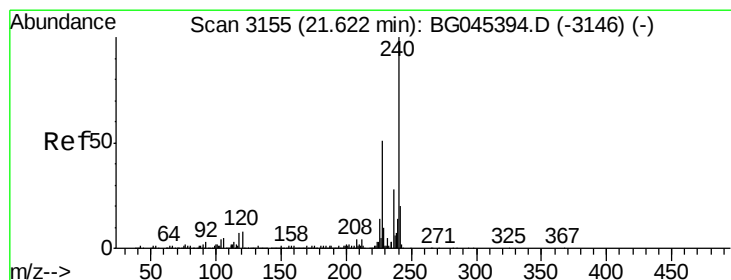
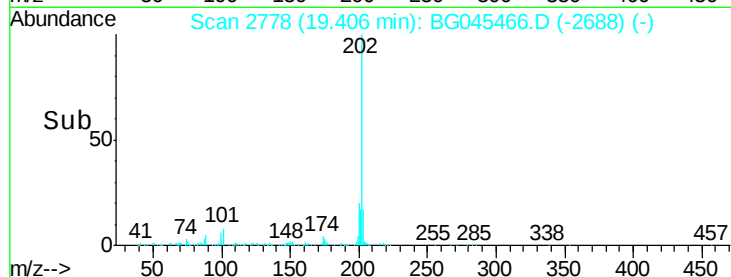
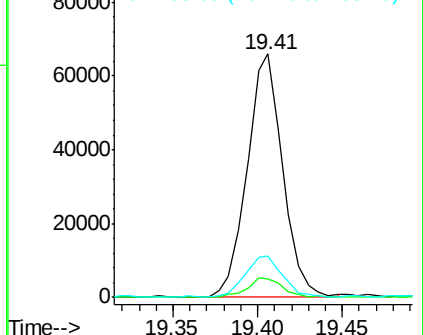
203 17.0 0.0 39.0



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: 21.61 min Scan# 3153

Delta R.T. -0.00 min

Lab File: BG045466.D

Acq: 26 May 2020 20:57

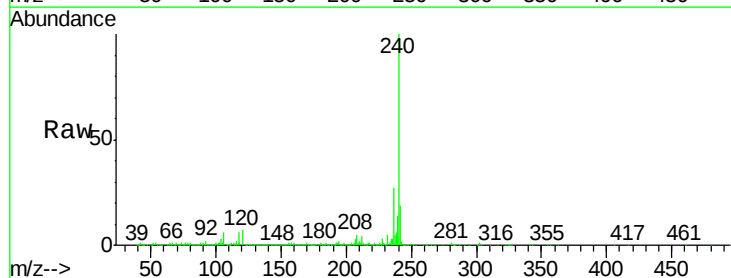
Tgt Ion:240 Resp: 478259

Ion Ratio Lower Upper

240 100

120 6.8 6.1 9.1

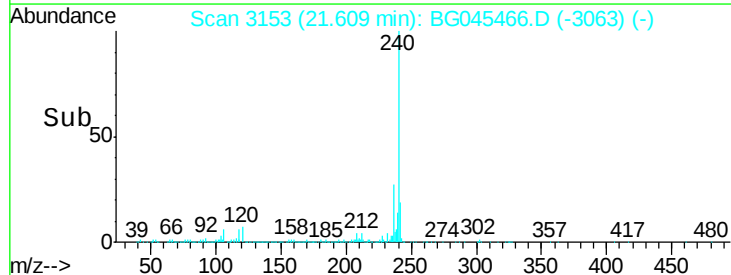
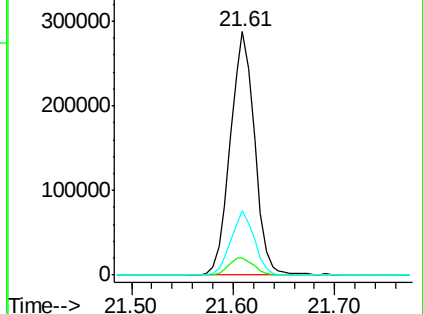
236 26.7 22.3 33.5

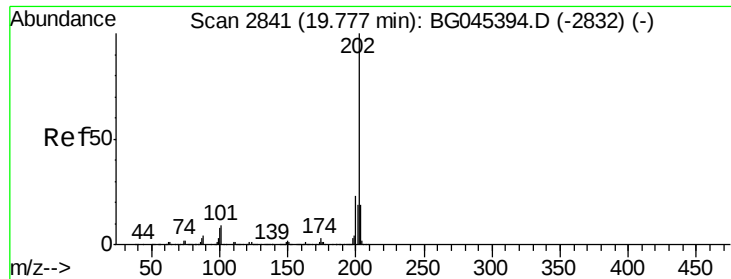


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pyrene

Concen: 3.28 ng

RT: 19.76 min Scan# 2839

Delta R.T. -0.00 min

Lab File: BG045466.D

Acq: 26 May 2020 20:57

Instrument :

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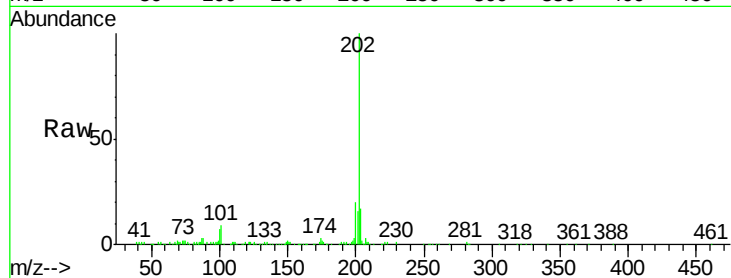
Tgt Ion:202 Resp: 89473

Ion Ratio Lower Upper

202 100

200 19.6 18.2 27.2

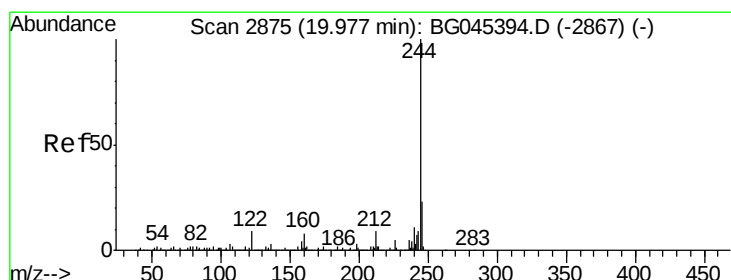
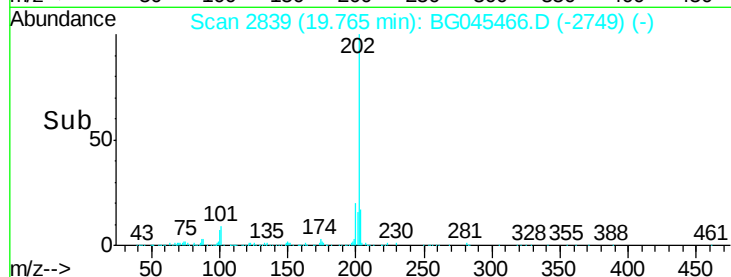
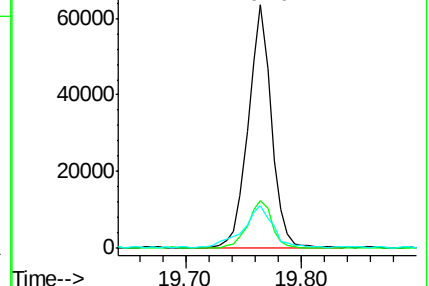
203 17.3 15.1 22.7



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: 67.48 ng

RT: 19.96 min Scan# 2873

Delta R.T. -0.00 min

Lab File: BG045466.D

Acq: 26 May 2020 20:57

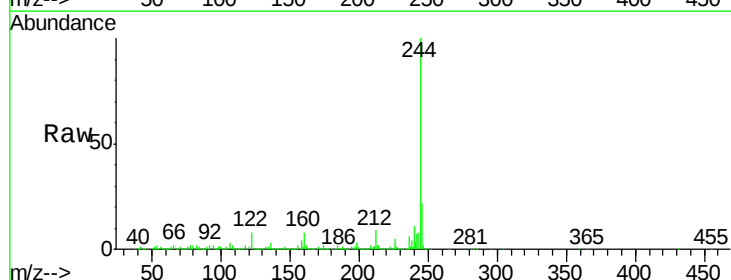
Tgt Ion:244 Resp: 1383648

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.0

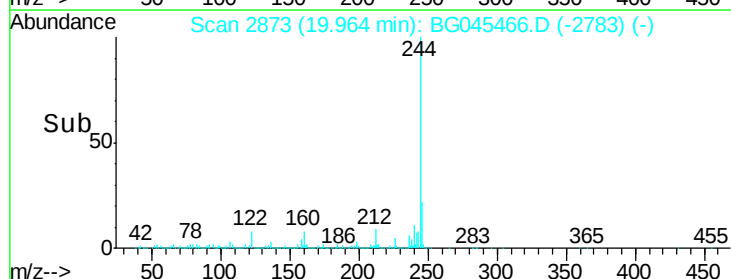
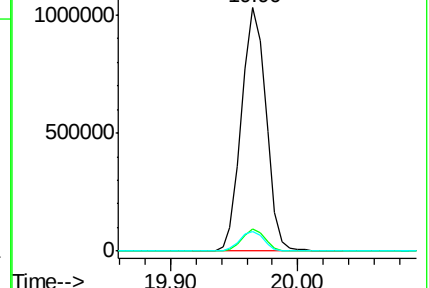
122 8.3 6.8 10.2

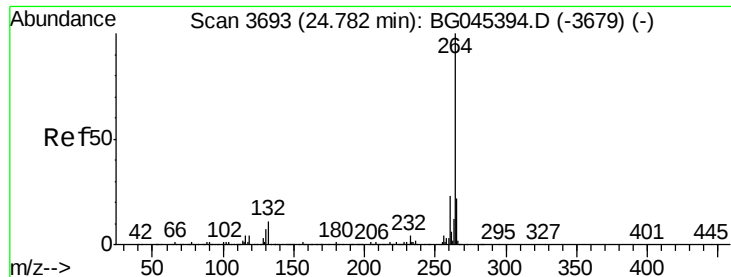


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

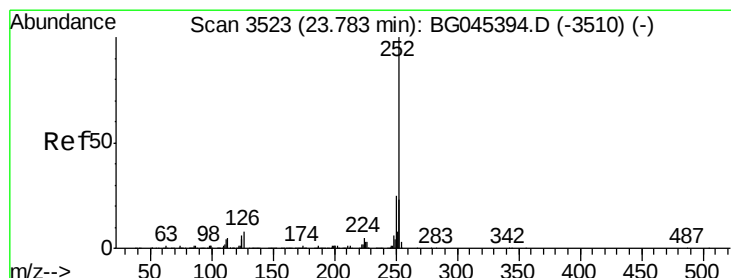
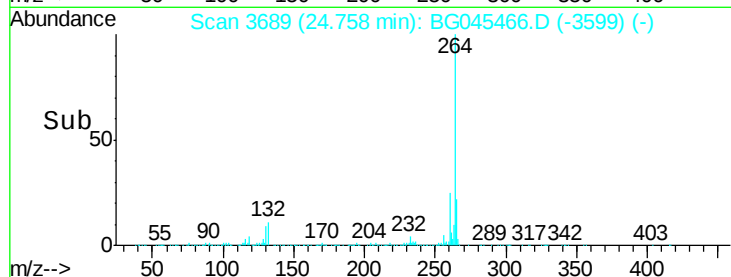
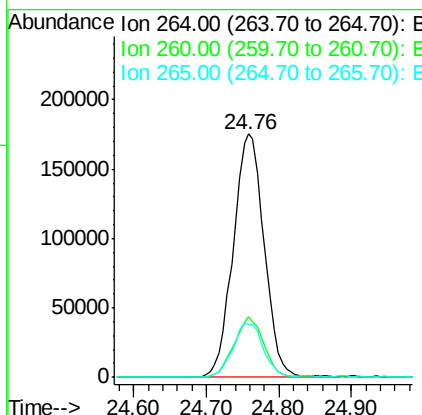
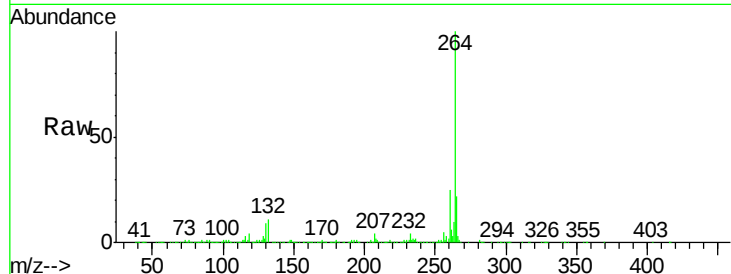




#87
Perylene-d12
Concen: 20.00 ng
RT: 24.76 min Scan# 3689
Delta R.T. -0.00 min
Lab File: BG045466.D
Acq: 26 May 2020 20:57

Instrument :
BNA_G
ClientSampleId :
NM62-COMP-2020-0-6

Tgt Ion:	264	Resp:	518985
Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.2	27.4
265	22.0	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 2.52 ng
RT: 23.76 min Scan# 3519
Delta R.T. -0.01 min
Lab File: BG045466.D
Acq: 26 May 2020 20:57

Tgt Ion:	252	Resp:	70173
Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.1	27.1
125	7.3	5.0	7.6

