

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052620\
 Data File : BG045465.D
 Acq On : 26 May 2020 20:16
 Operator : CG/JU
 Sample : L2744-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 NM54-COMP-2020-0-6

Quant Time: May 27 04:25:03 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

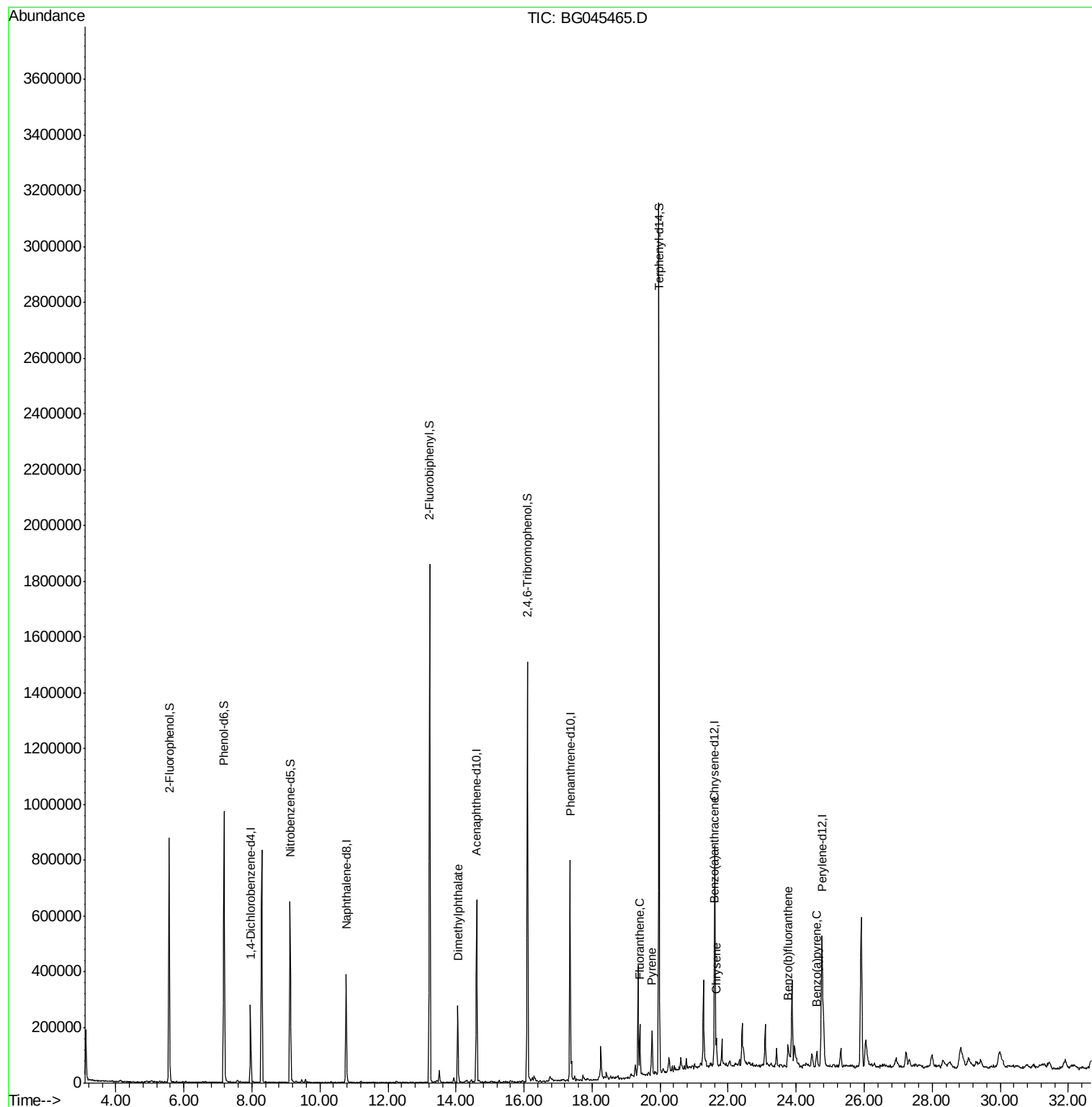
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	86650	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	348456	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	238388	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	523842	20.00	ng	0.00
76) Chrysene-d12	21.61	240	486511	20.00	ng	0.00
87) Perylene-d12	24.75	264	529305	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	430076	97.00	ng	0.00
7) Phenol-d6	7.18	99	649412	102.91	ng	0.00
23) Nitrobenzene-d5	9.12	82	449203	70.30	ng	0.00
42) 2,4,6-Tribromophenol	16.10	330	314642	103.20	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1043763	74.27	ng	0.00
79) Terphenyl-d14	19.97	244	1527320	73.22	ng	0.00
Target Compounds						Qvalue
50) Dimethylphthalate	14.05	163	190951	11.68	ng	99
75) Fluoranthene	19.40	202	113440	3.90	ng	95
78) Pyrene	19.77	202	108759	3.92	ng	92
81) Benzo(a)anthracene	21.59	228	70413	2.60	ng	97
83) Chrysene	21.65	228	66716	2.56	ng	95
88) Benzo(b)fluoranthene	23.76	252	92715	3.27	ng	# 97
90) Benzo(a)pyrene	24.61	252	68925	2.61	ng	99

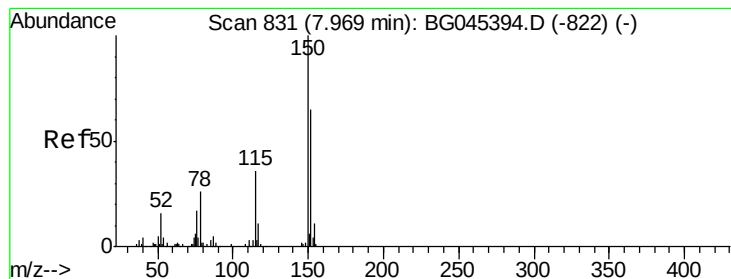
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG045465.D
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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





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.96 min Scan# 829

Delta R.T. 0.00 min

Lab File: BG045465.D

Acq: 26 May 2020 20:16

Instrument :

BNA_G

ClientSampleId :

NM54-COMP-2020-0-6

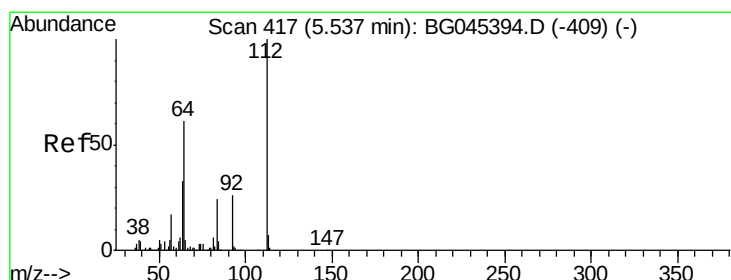
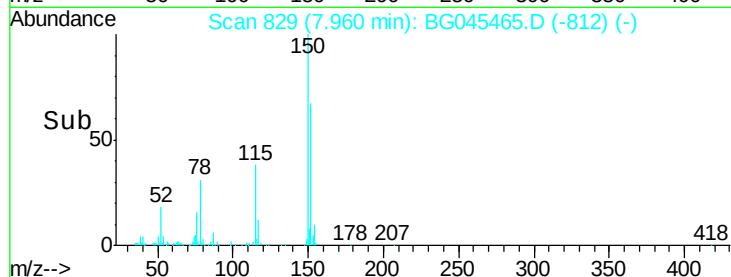
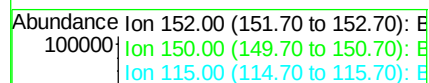
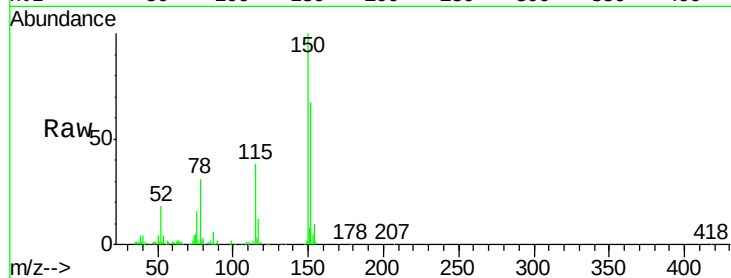
Tgt Ion:152 Resp: 86650

Ion Ratio Lower Upper

152 100

150 149.5 122.4 183.6

115 56.2 44.2 66.4



#5

2-Fluorophenol

Concen: 97.00 ng

RT: 5.56 min Scan# 421

Delta R.T. 0.00 min

Lab File: BG045465.D

Acq: 26 May 2020 20:16

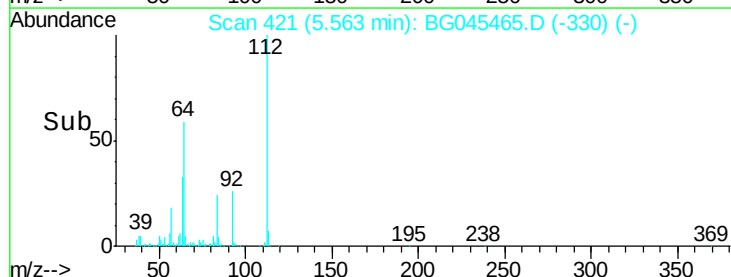
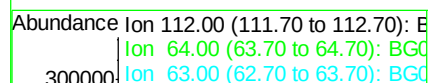
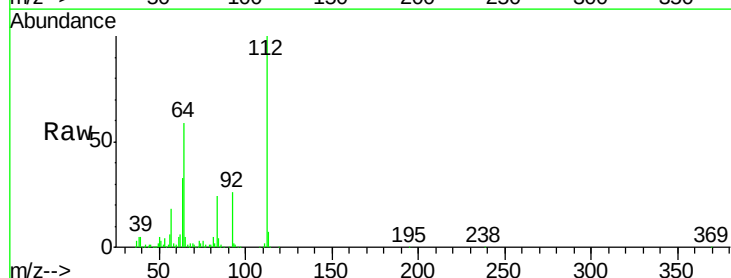
Tgt Ion:112 Resp: 430076

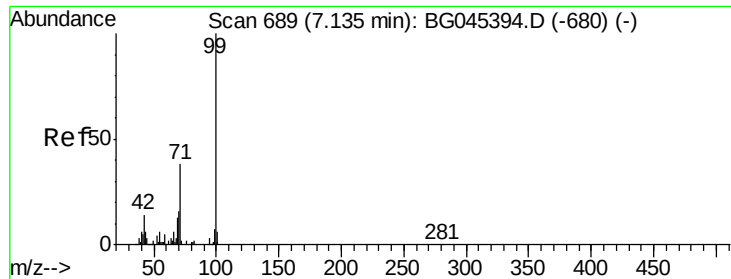
Ion Ratio Lower Upper

112 100

64 58.6 48.6 72.8

63 33.1 26.5 39.7





#7

Phenol-d6

Concen: 102.91 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG045465.D

Acq: 26 May 2020 20:16

Instrument :

BNA_G

ClientSampleId :

NM54-COMP-2020-0-6

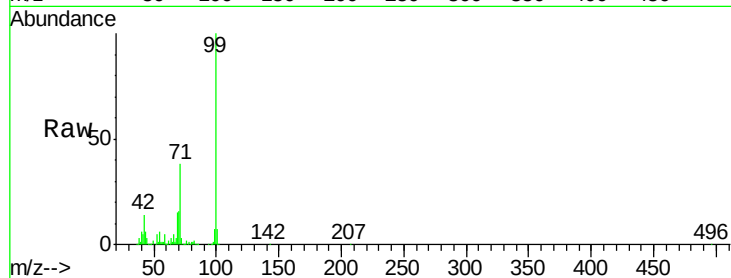
Tgt Ion: 99 Resp: 649412

Ion Ratio Lower Upper

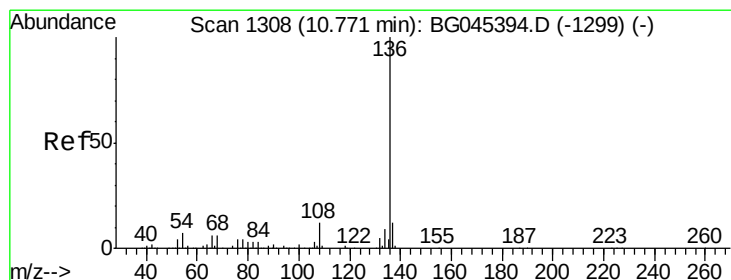
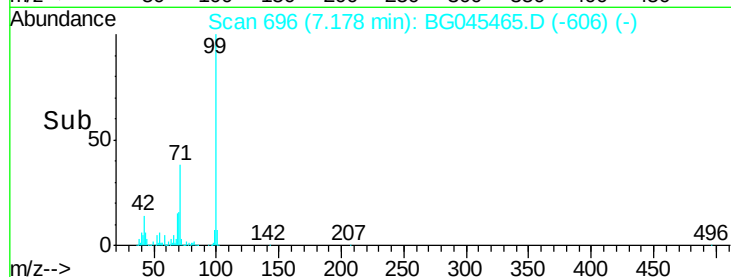
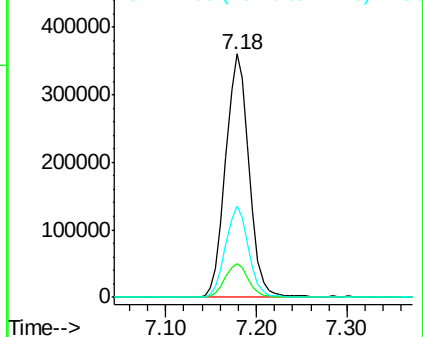
99 100

42 13.9 11.3 16.9

71 37.5 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. -0.00 min

Lab File: BG045465.D

Acq: 26 May 2020 20:16

Tgt Ion: 136 Resp: 348456

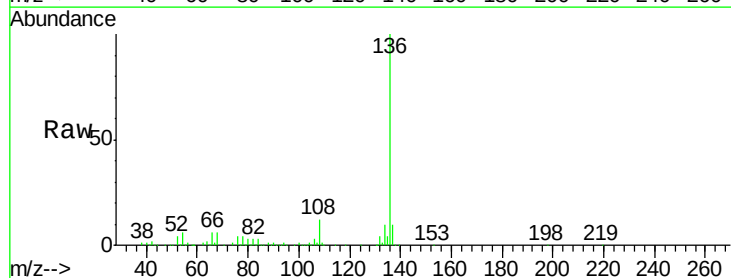
Ion Ratio Lower Upper

136 100

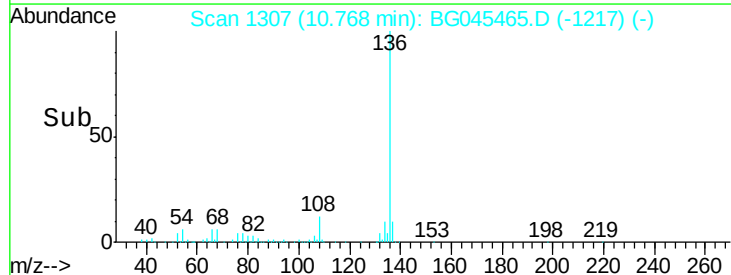
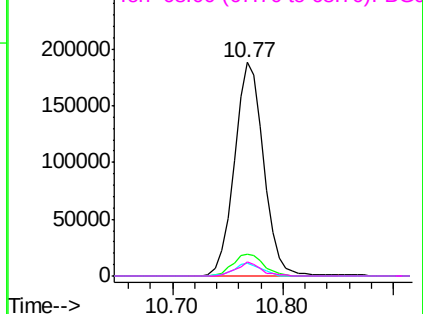
137 9.9 9.4 14.2

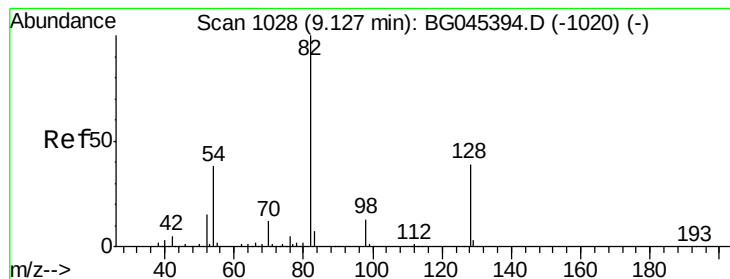
54 6.3 5.8 8.6

68 6.4 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: 70.30 ng

RT: 9.12 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BG045465.D

Acq: 26 May 2020 20:16

Instrument :

BNA_G

ClientSampleId :

NM54-COMP-2020-0-6

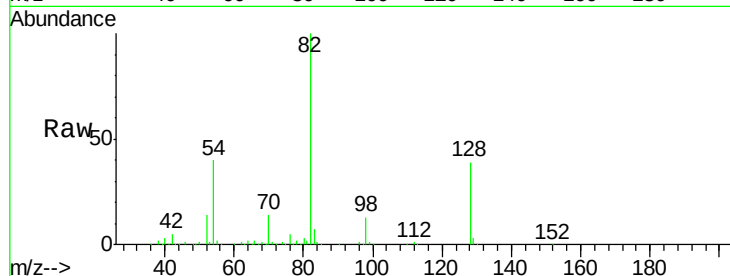
Tgt Ion: 82 Resp: 449203

Ion Ratio Lower Upper

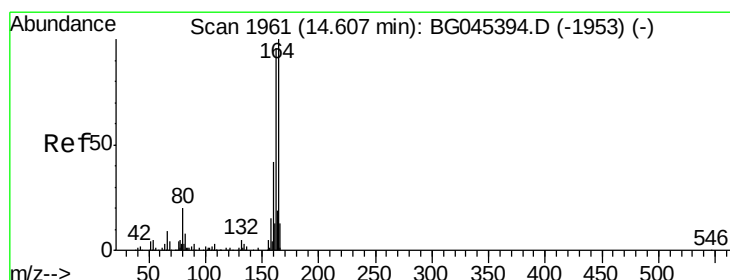
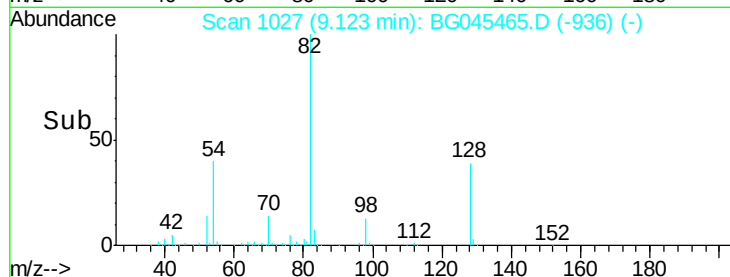
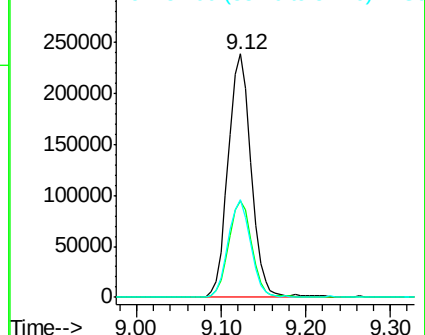
82 100

128 39.4 30.9 46.3

54 40.2 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. -0.00 min

Lab File: BG045465.D

Acq: 26 May 2020 20:16

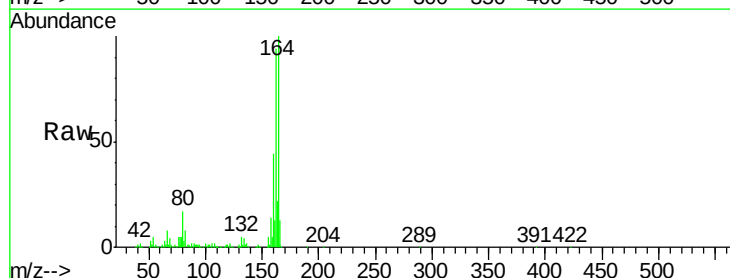
Tgt Ion: 164 Resp: 238388

Ion Ratio Lower Upper

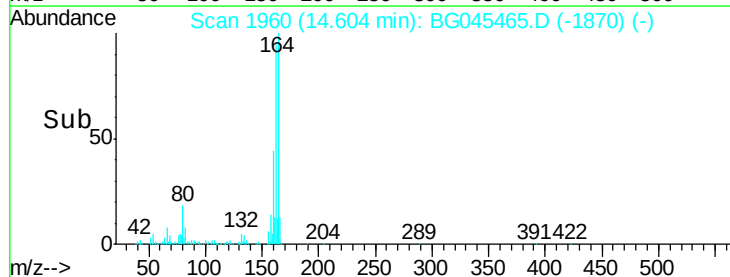
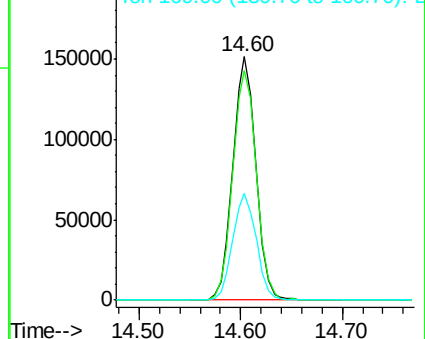
164 100

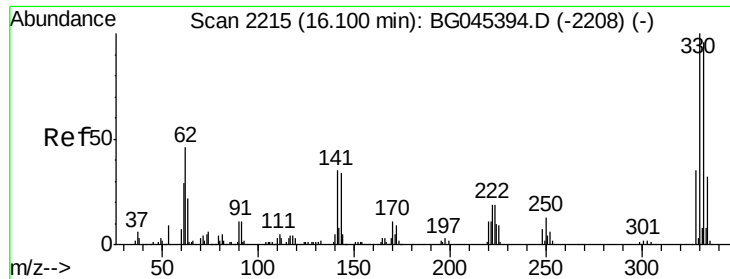
162 94.0 76.9 115.3

160 43.6 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

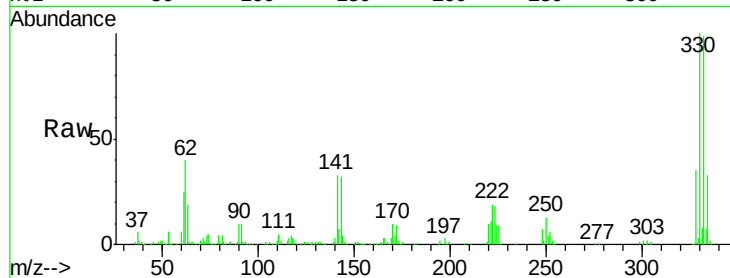




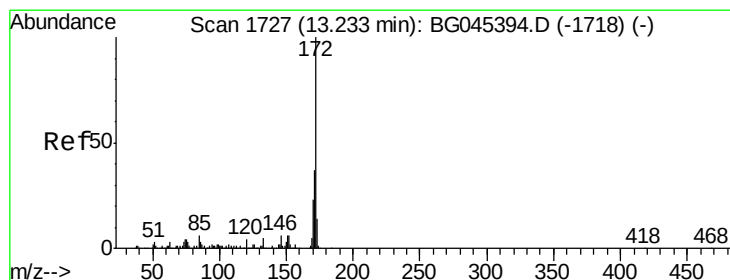
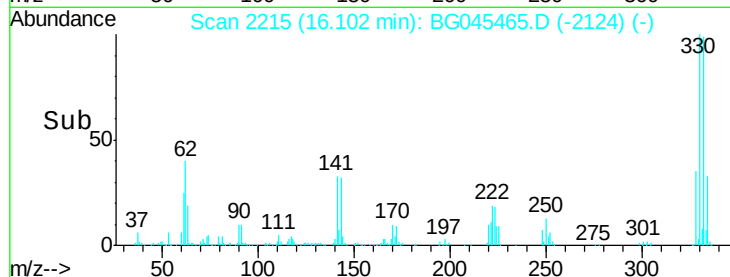
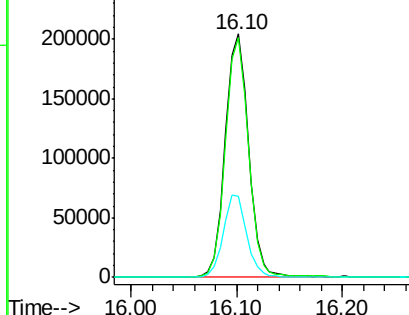
#42
 2,4,6-Tribromophenol
 Concen: 103.20 ng
 RT: 16.10 min Scan# 2215
 Delta R.T. 0.00 min
 Lab File: BG045465.D
 Acq: 26 May 2020 20:16

Instrument :
 BNA_G
 ClientSampleId :
 NM54-COMP-2020-0-6

Tgt Ion:330 Resp: 314642
 Ion Ratio Lower Upper
 330 100
 332 97.4 78.2 117.4
 141 34.0 28.2 42.4

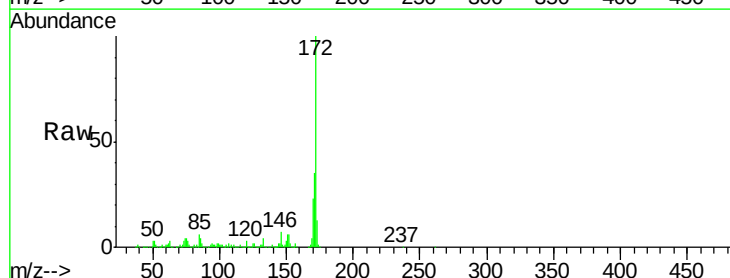


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

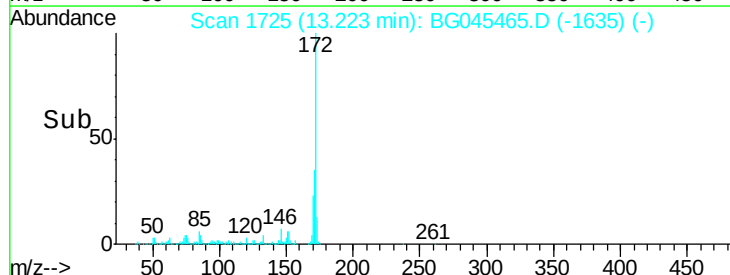
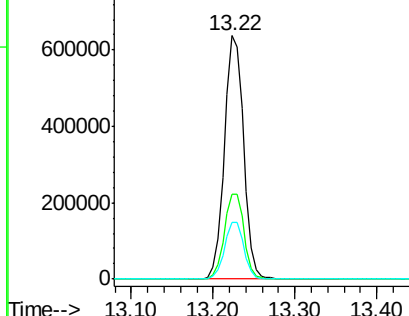


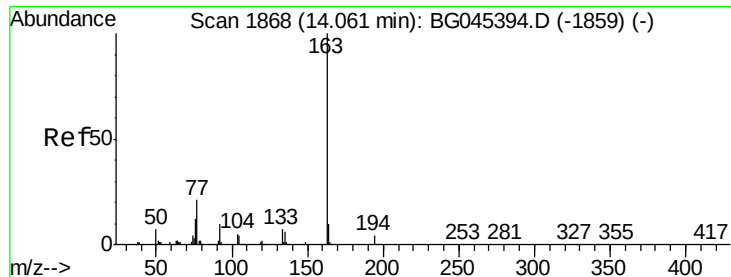
#45
 2-Fluorobiphenyl
 Concen: 74.27 ng
 RT: 13.22 min Scan# 1725
 Delta R.T. -0.00 min
 Lab File: BG045465.D
 Acq: 26 May 2020 20:16

Tgt Ion:172 Resp: 1043763
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.5 44.3
 170 23.1 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: 11.68 ng

RT: 14.05 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BG045465.D

Acq: 26 May 2020 20:16

Instrument :

BNA_G

ClientSampleId :

NM54-COMP-2020-0-6

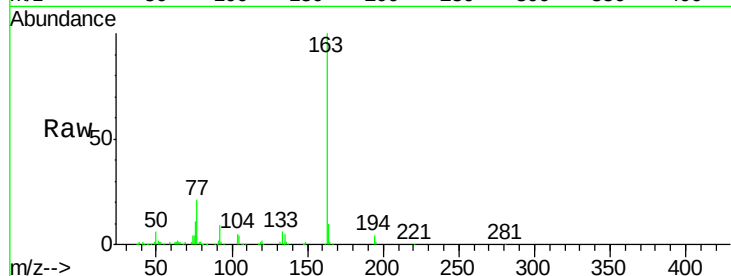
Tgt Ion:163 Resp: 190951

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

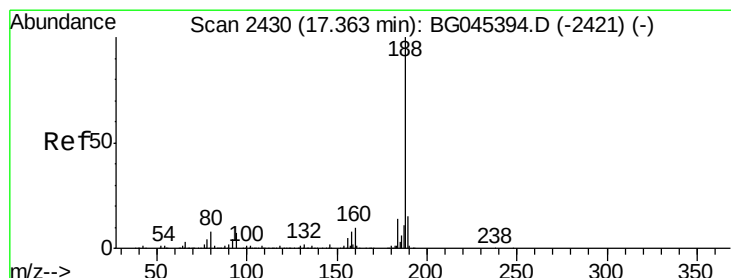
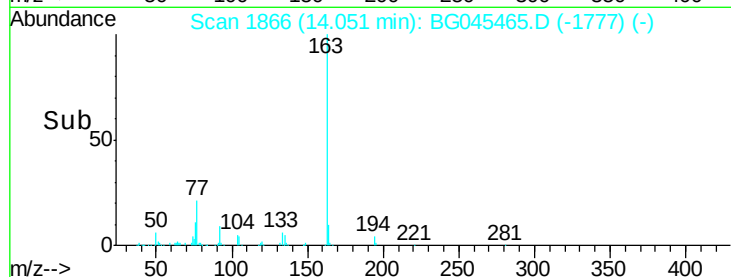
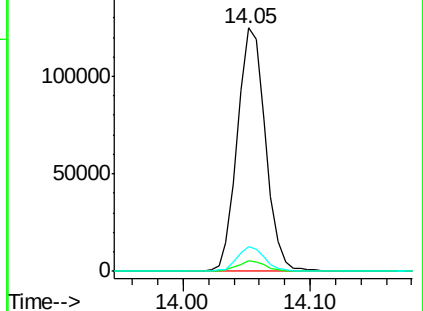
164 10.2 8.3 12.5



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: BG045465.D

Acq: 26 May 2020 20:16

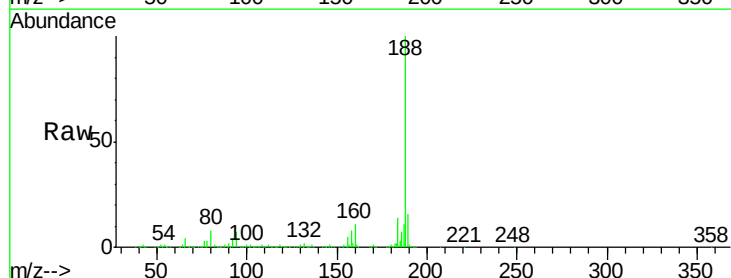
Tgt Ion:188 Resp: 523842

Ion Ratio Lower Upper

188 100

94 6.6 5.5 8.3

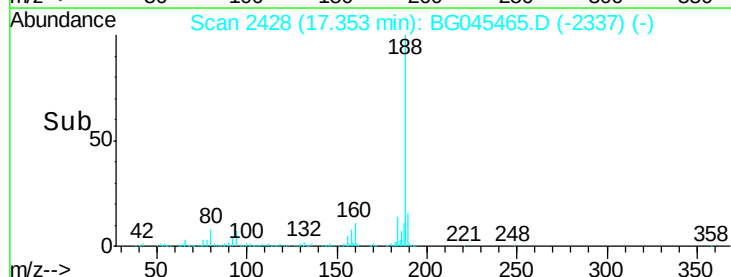
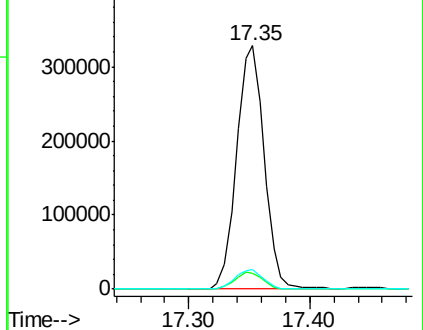
80 7.9 6.6 10.0

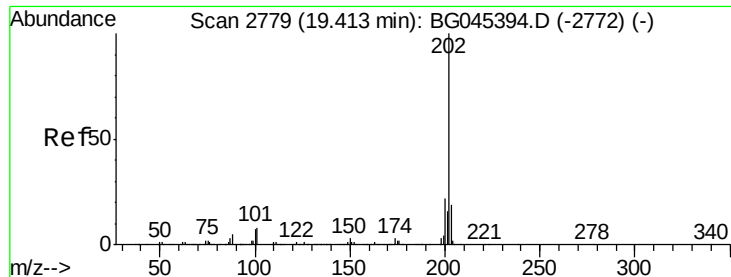


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Fluoranthene

Concen: 3.90 ng

RT: 19.40 min Scan# 2777

Delta R.T. -0.00 min

Lab File: BG045465.D

Acq: 26 May 2020 20:16

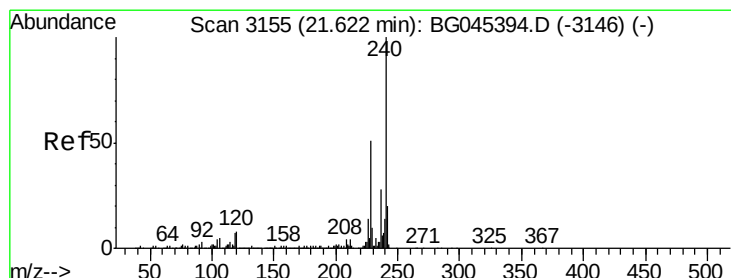
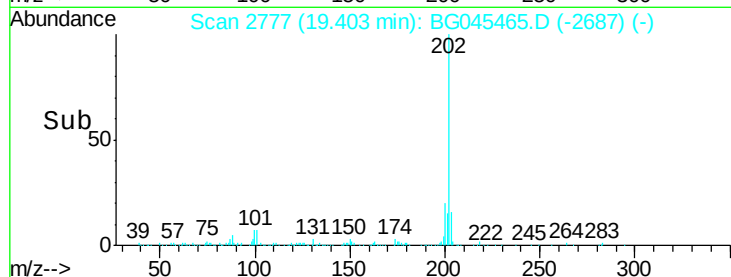
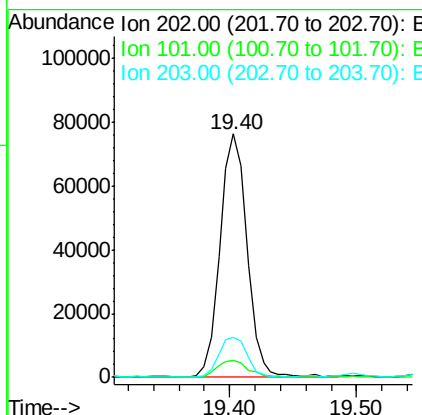
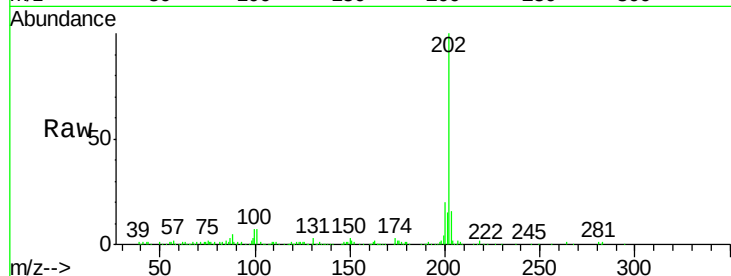
Instrument :

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ClientSampleId :

NM54-COMP-2020-0-6

Tgt Ion:	202	Resp:	113440
Ion	Ratio	Lower	Upper
202	100		
101	7.0	0.0	28.3
203	16.4	0.0	39.0



#76

Chrysene-d12

Concen: 20.00 ng

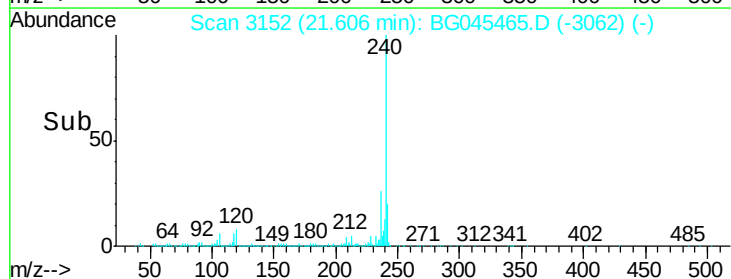
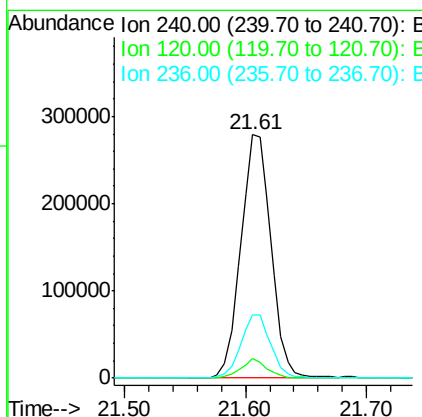
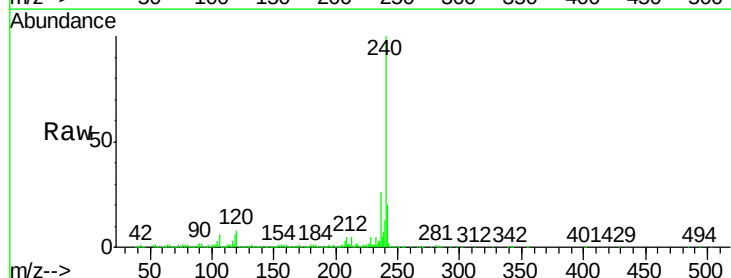
RT: 21.61 min Scan# 3152

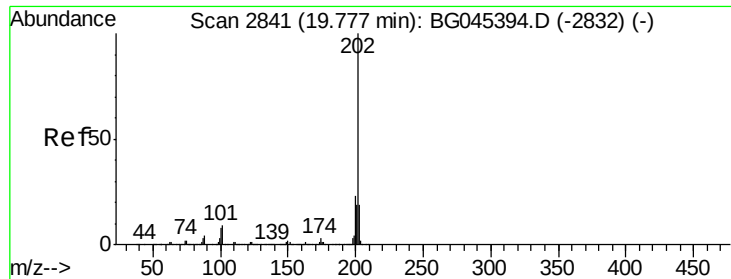
Delta R.T. -0.00 min

Lab File: BG045465.D

Acq: 26 May 2020 20:16

Tgt Ion:	240	Resp:	486511
Ion	Ratio	Lower	Upper
240	100		
120	7.8	6.1	9.1
236	26.2	22.3	33.5





#78

Pyrene

Concen: 3.92 ng

RT: 19.77 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BG045465.D

Acq: 26 May 2020 20:16

Instrument :

BNA_G

ClientSampleId :

NM54-COMP-2020-0-6

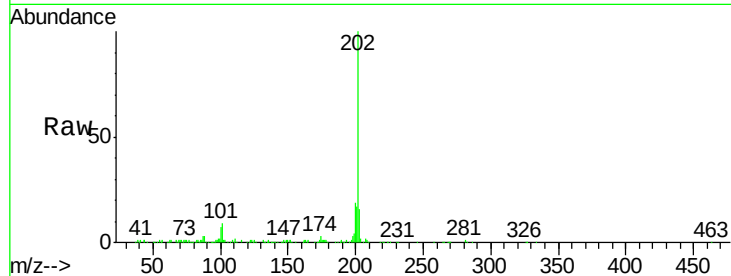
Tgt Ion:202 Resp: 108759

Ion Ratio Lower Upper

202 100

200 18.7 18.2 27.2

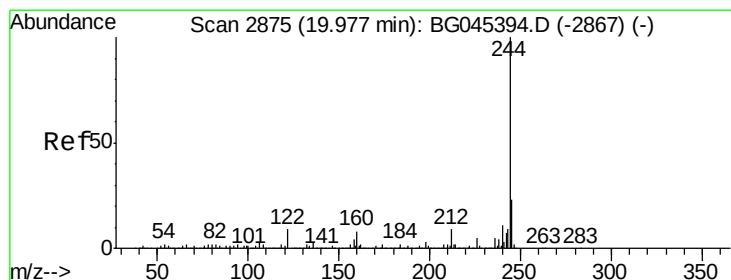
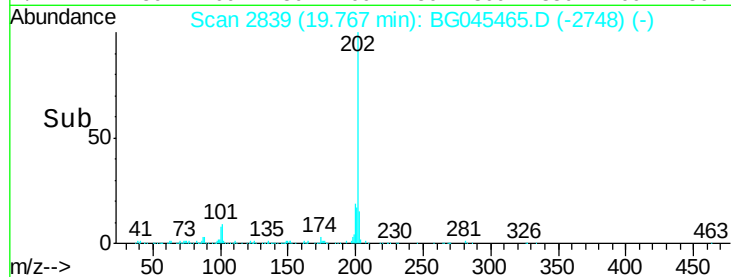
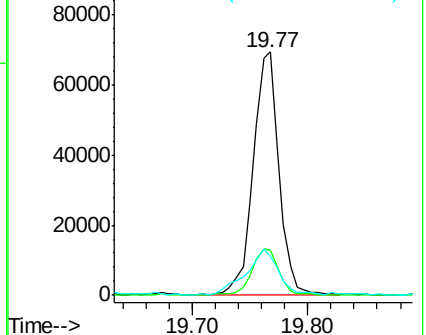
203 15.8 15.1 22.7



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: 73.22 ng

RT: 19.97 min Scan# 2873

Delta R.T. 0.00 min

Lab File: BG045465.D

Acq: 26 May 2020 20:16

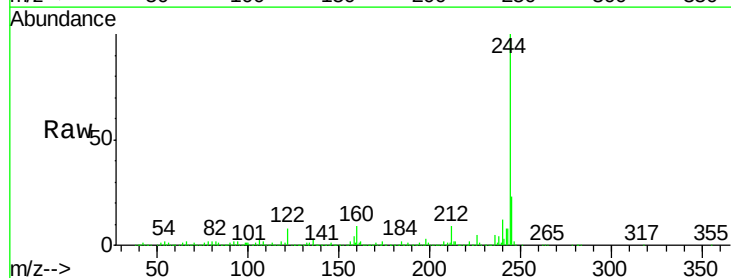
Tgt Ion:244 Resp: 1527320

Ion Ratio Lower Upper

244 100

212 9.1 7.4 11.0

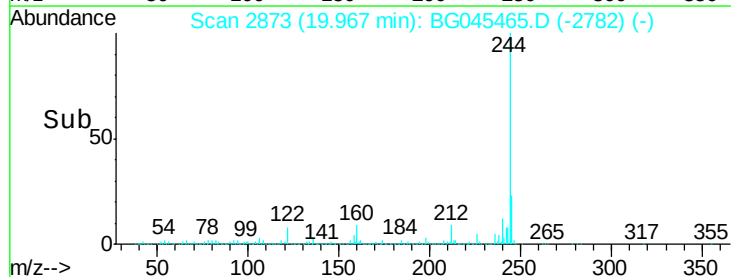
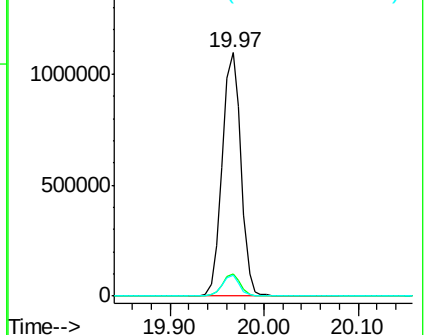
122 8.4 6.8 10.2

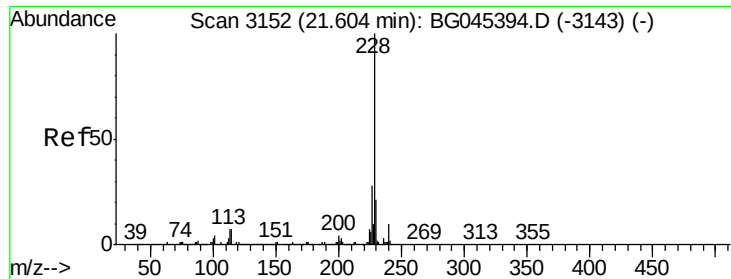


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#81

Benzo(a)anthracene

Concen: 2.60 ng

RT: 21.59 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BG045465.D

Acq: 26 May 2020 20:16

Instrument :

BNA_G

ClientSampleId :

NM54-COMP-2020-0-6

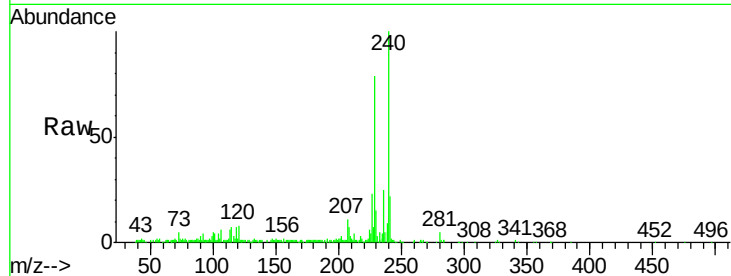
Tgt Ion:228 Resp: 70413

Ion Ratio Lower Upper

228 100

226 28.9 22.7 34.1

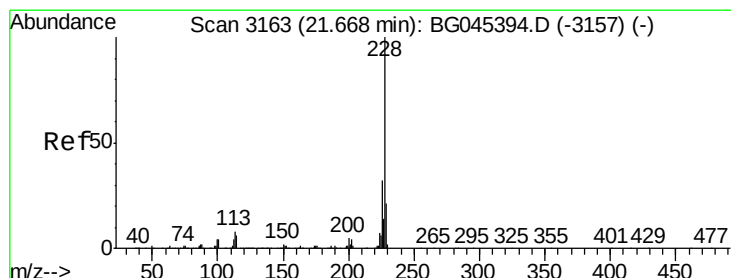
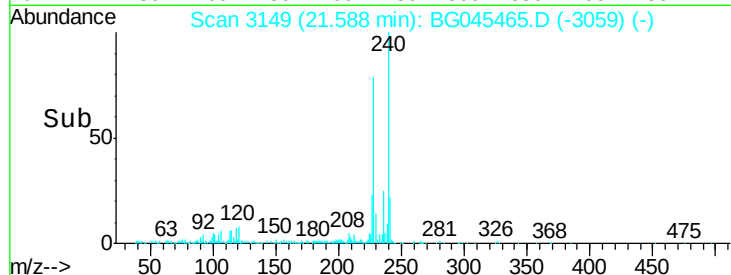
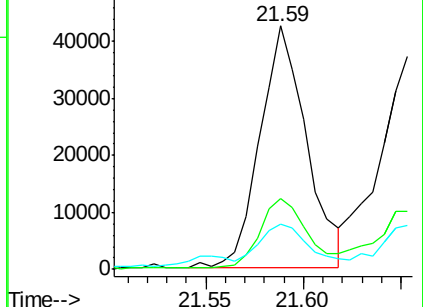
229 18.5 16.7 25.1



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Chrysene

Concen: 2.56 ng

RT: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG045465.D

Acq: 26 May 2020 20:16

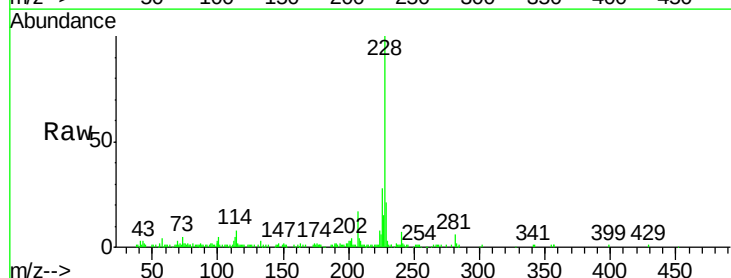
Tgt Ion:228 Resp: 66716

Ion Ratio Lower Upper

228 100

226 27.5 25.2 37.8

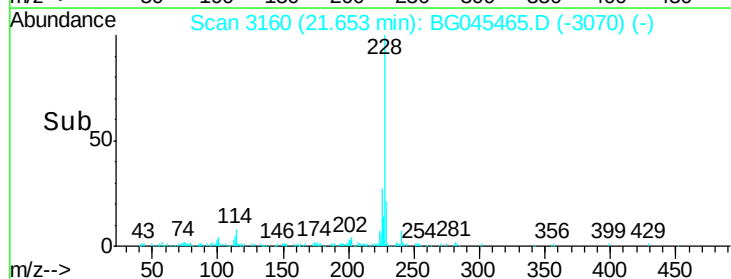
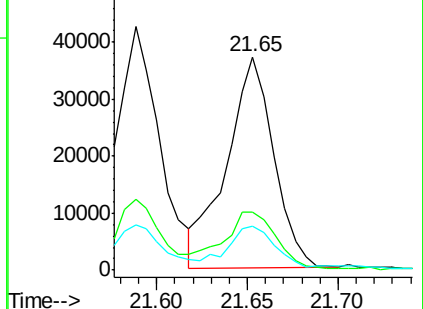
229 20.6 16.7 25.1

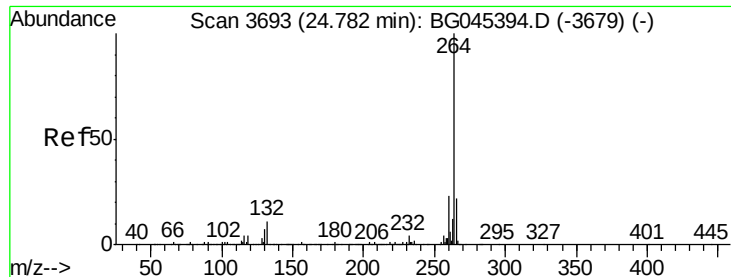


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

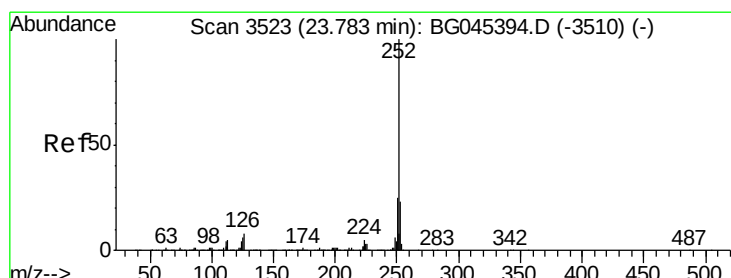
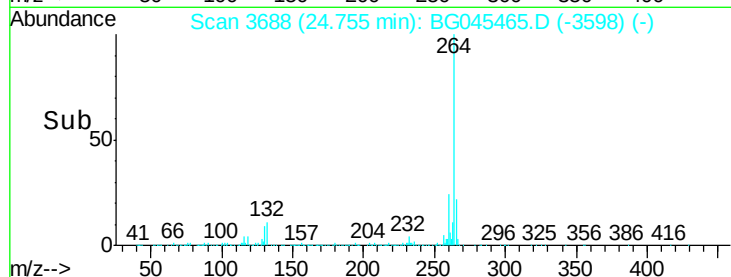
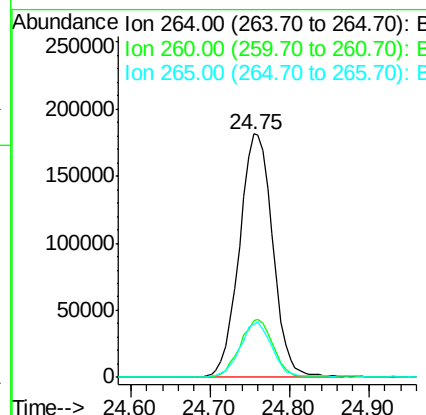
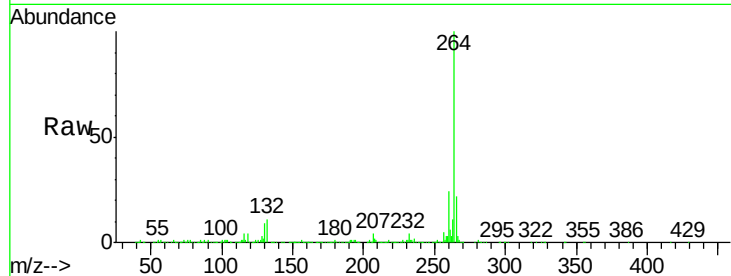




#87
Perylene-d12
Concen: 20.00 ng
RT: 24.75 min Scan# 3688
Delta R.T. -0.00 min
Lab File: BG045465.D
Acq: 26 May 2020 20:16

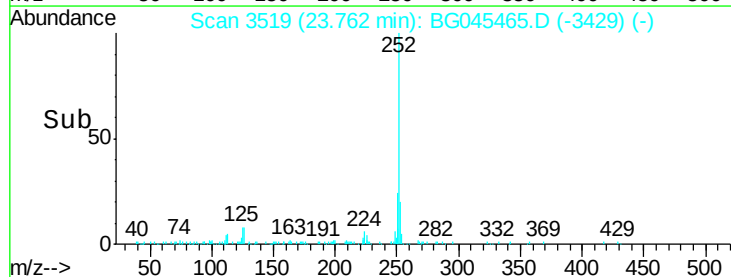
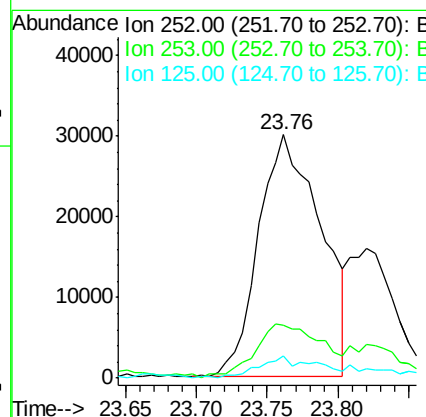
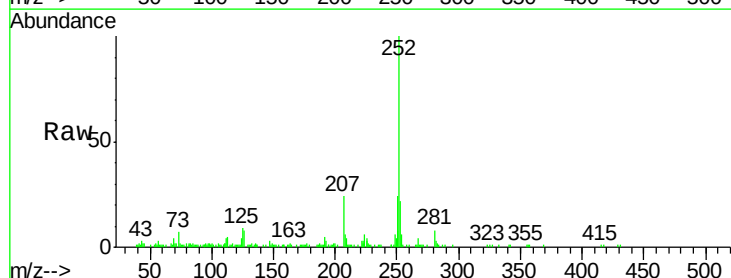
Instrument :
BNA_G
ClientSampleId :
NM54-COMP-2020-0-6

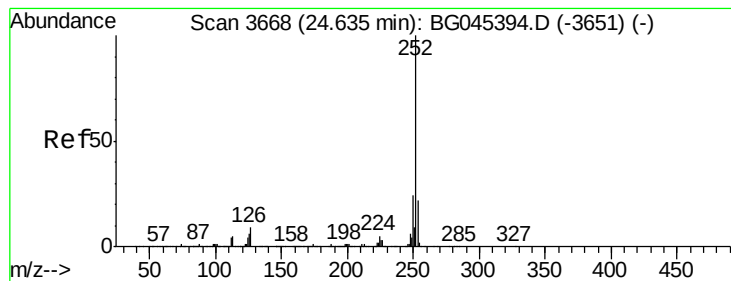
Tgt Ion:	264	Resp:	529305
Ion Ratio	Lower	Upper	
264	100		
260	23.6	18.2	27.4
265	21.7	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 3.27 ng
RT: 23.76 min Scan# 3519
Delta R.T. -0.00 min
Lab File: BG045465.D
Acq: 26 May 2020 20:16

Tgt Ion:	252	Resp:	92715
Ion Ratio	Lower	Upper	
252	100		
253	21.7	18.1	27.1
125	9.2	5.0	7.6#





#90

Benzo(a)pyrene

Concen: 2.61 ng

RT: 24.61 min Scan# 3663

Delta R.T. -0.01 min

Lab File: BG045465.D

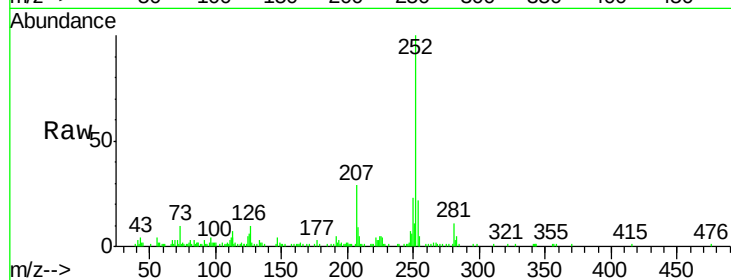
Acq: 26 May 2020 20:16

Instrument :

BNA_G

ClientSampleId :

NM54-COMP-2020-0-6



Tgt Ion:	252	Resp:	68925
Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	6.1	5.0	7.6

