

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021920\
 Data File : BG044506.D
 Acq On : 20 Feb 2020 1:58
 Operator : CG/JU
 Sample : L1575-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-A-S

Quant Time: Feb 20 08:24:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 10 16:11:50 2020
 Response via : Initial Calibration

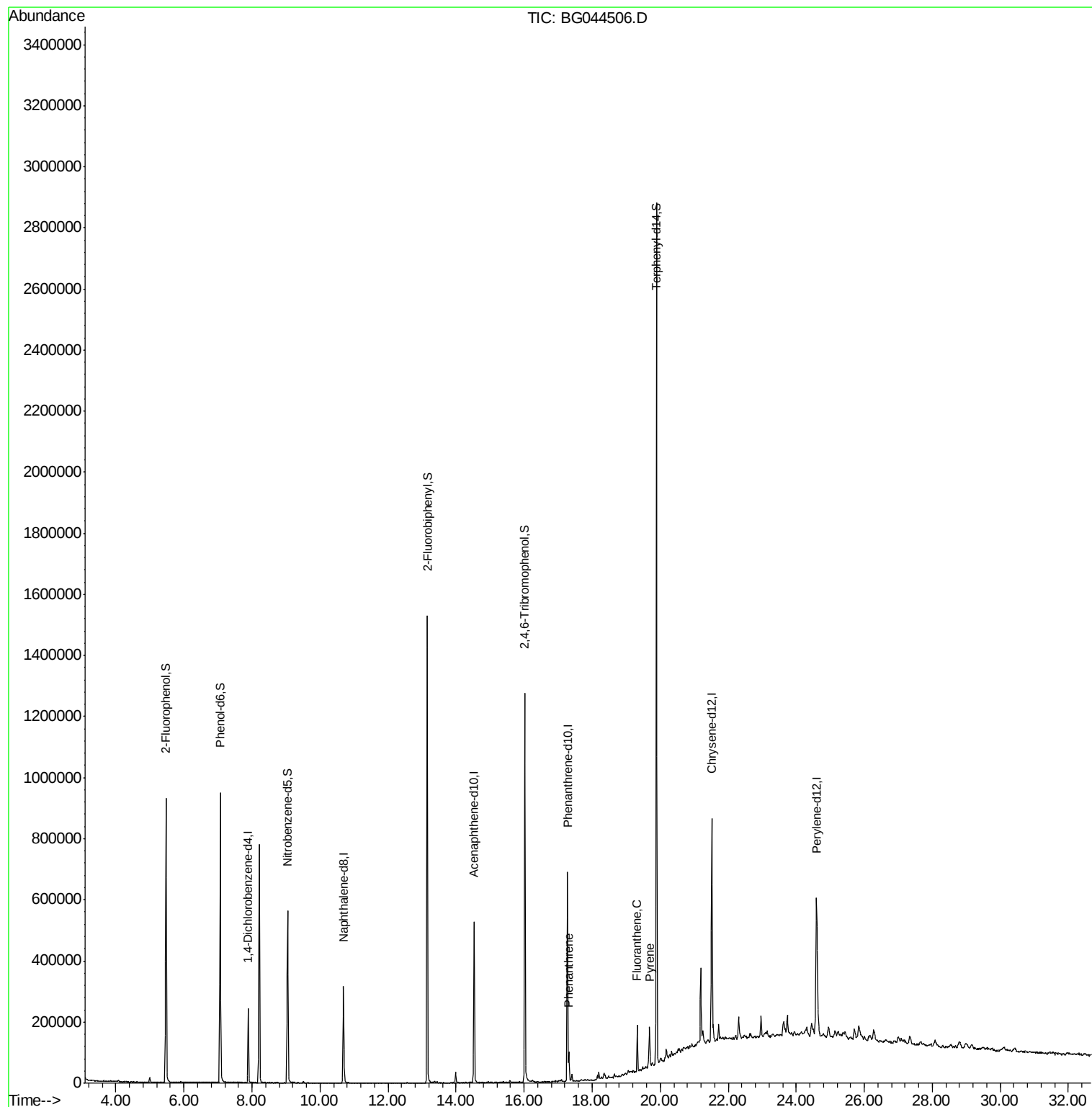
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	73916	20.00	ng	-0.02
21) Naphthalene-d8	10.69	136	305202	20.00	ng	-0.01
39) Acenaphthene-d10	14.53	164	199490	20.00	ng	-0.02
64) Phenanthrene-d10	17.27	188	448861	20.00	ng	-0.02
76) Chrysene-d12	21.51	240	434075	20.00	ng	-0.02
87) Perylene-d12	24.60	264	464162	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	482022	115.09	ng	0.00
7) Phenol-d6	7.07	99	623017	110.77	ng	-0.01
23) Nitrobenzene-d5	9.05	82	372985	68.99	ng	-0.02
42) 2,4,6-Tribromophenol	16.02	330	267648	114.29	ng	-0.01
45) 2-Fluorobiphenyl	13.15	172	867370	72.81	ng	-0.01
79) Terphenyl-d14	19.89	244	1368365	64.84	ng	-0.01
Target Compounds						
71) Phenanthrene	17.32	178	59807	2.752	ng	95
75) Fluoranthene	19.33	202	96545	3.840	ng	97
78) Pyrene	19.69	202	80607	2.892	ng	94

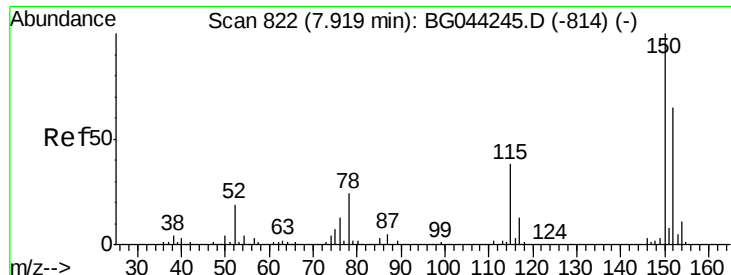
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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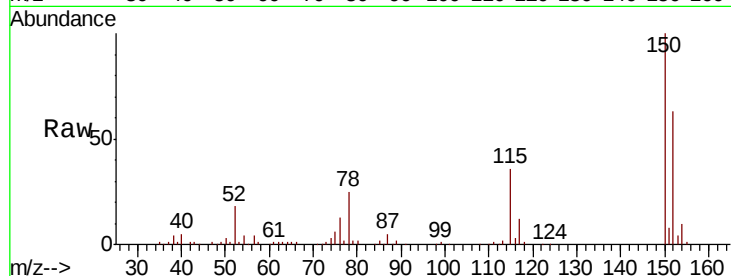


#1

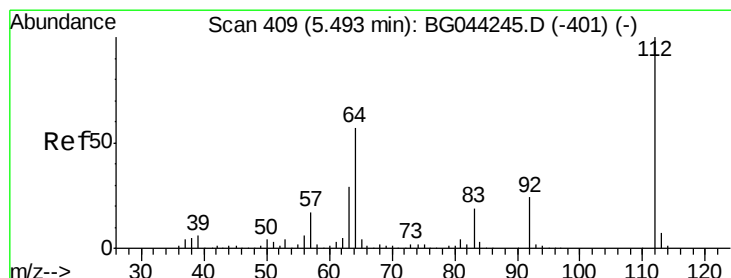
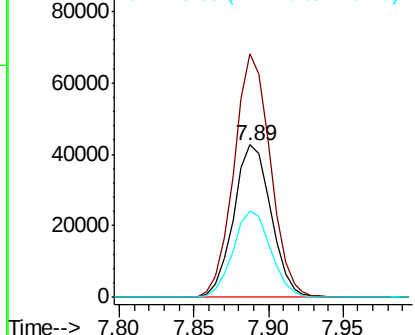
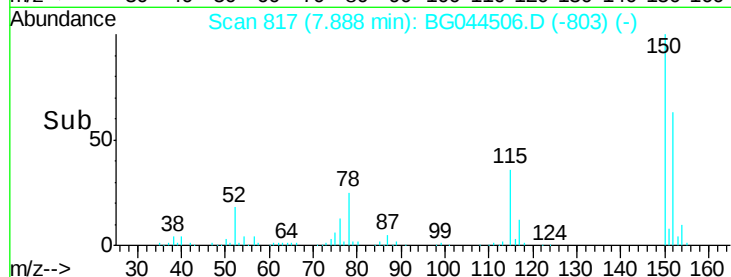
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.89 min Scan# 817
 Delta R.T. -0.02 min
 Lab File: BG044506.D
 Acq: 20 Feb 2020 1:58

Instrument :
 BNA_G
 ClientSampleId :
 TP-A-S

Tot Ion:152 Resp: 73916
 Ion Ratio Lower Upper
 152 100
 150 159.9 122.6 183.8
 115 56.9 46.0 69.0



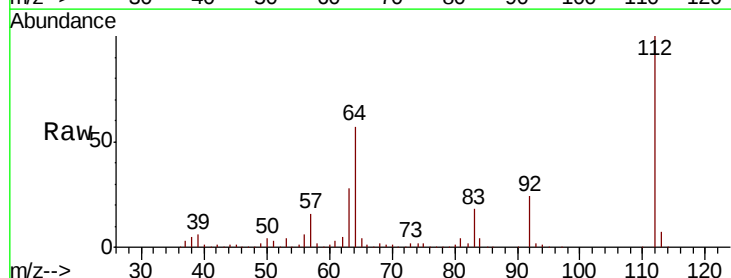
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



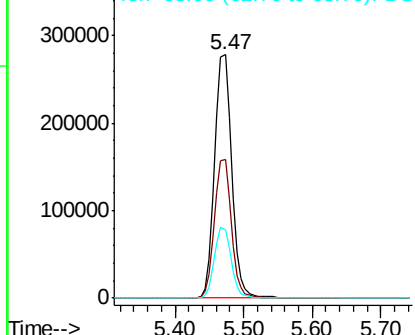
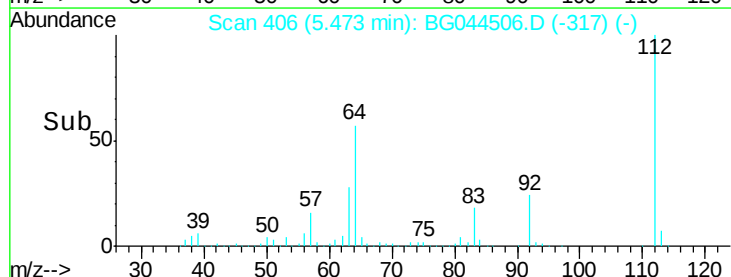
#5

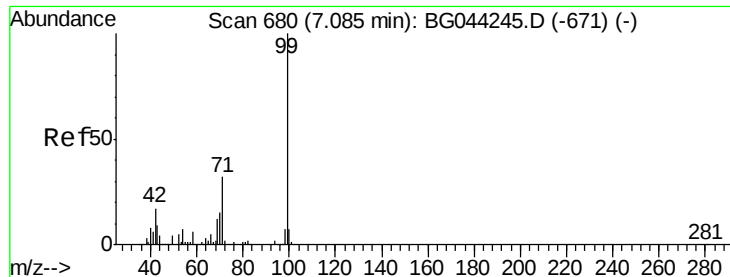
2-Fluorophenol
 Concen: 115.089 ng
 RT: 5.47 min Scan# 406
 Delta R.T. -0.01 min
 Lab File: BG044506.D
 Acq: 20 Feb 2020 1:58

Tgt Ion:112 Resp: 482022
 Ion Ratio Lower Upper
 112 100
 64 56.9 45.4 68.2
 63 28.3 22.9 34.3



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG0
 Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 110.775 ng

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BG044506.D

Acq: 20 Feb 2020 1:58

Instrument :

BNA_G

ClientSampleId :

TP-A-S

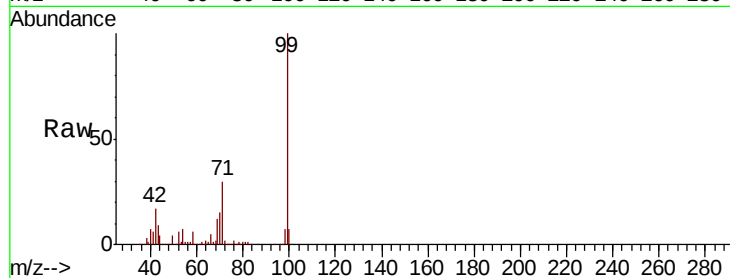
Tot Ion: 99 Resp: 623017

Ion Ratio Lower Upper

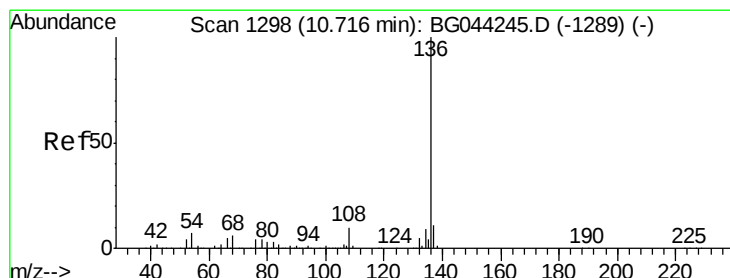
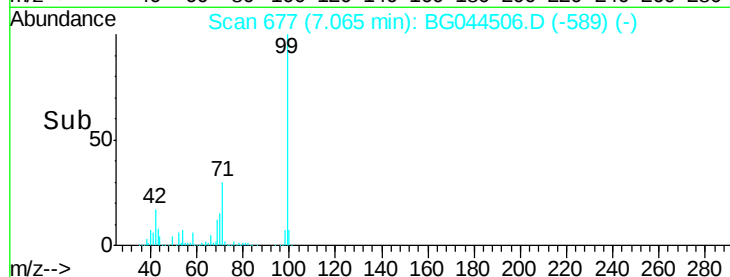
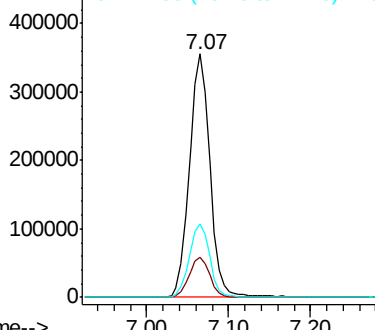
99 100

42 16.7 13.8 20.6

71 30.4 25.5 38.3



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: 20.000 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BG044506.D

Acq: 20 Feb 2020 1:58

Tgt Ion: 136 Resp: 305202

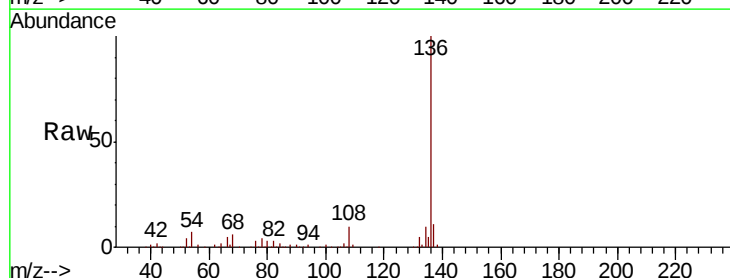
Ion Ratio Lower Upper

136 100

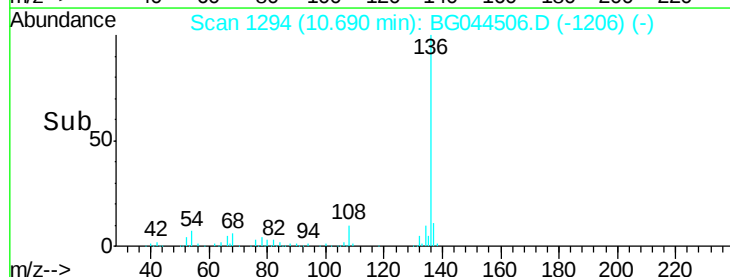
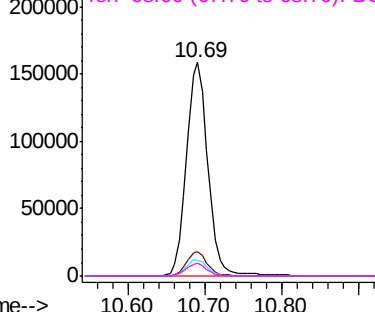
137 11.3 8.8 13.2

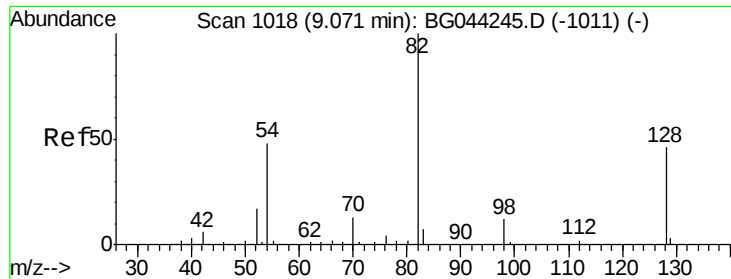
54 7.3 5.8 8.8

68 5.7 4.6 6.8



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

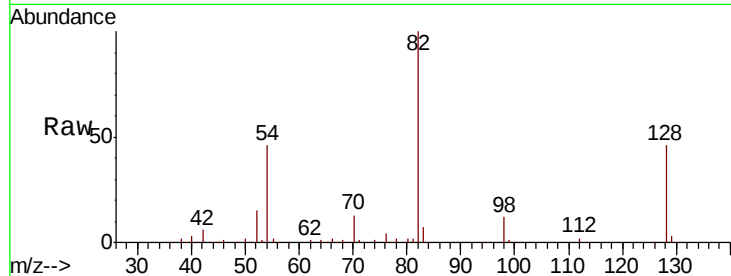




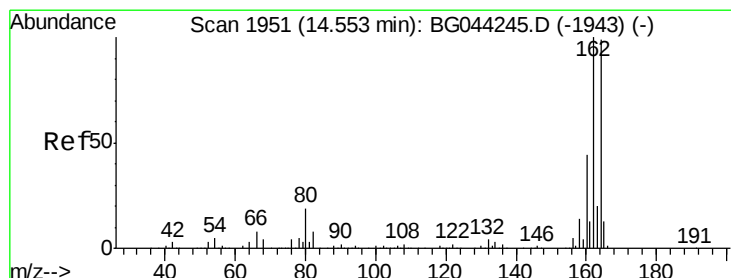
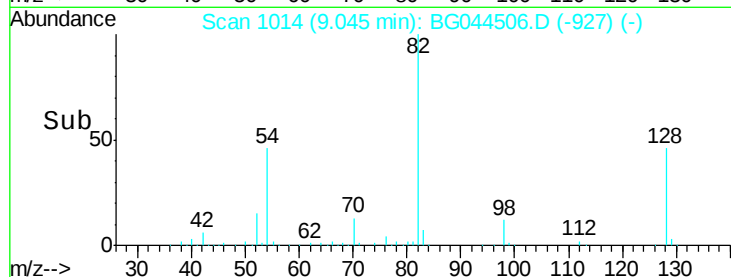
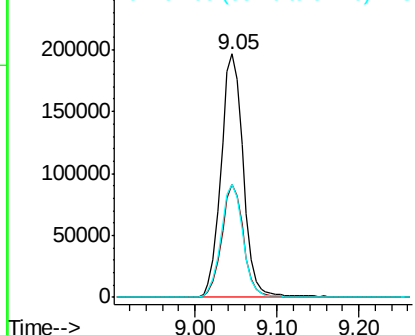
#23
Nitrobenzene-d5
Concen: 68.995 ng
RT: 9.05 min Scan# 1014
Delta R.T. -0.02 min
Lab File: BG044506.D
Acq: 20 Feb 2020 1:58

Instrument :
BNA_G
ClientSampleId :
TP-A-S

Tot Ion	82	Resp	372985
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.5	54.7
54	46.4	38.6	58.0

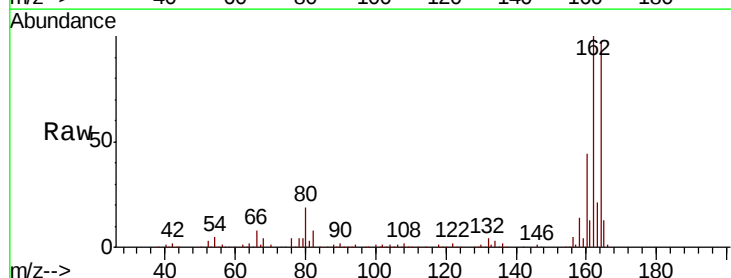


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

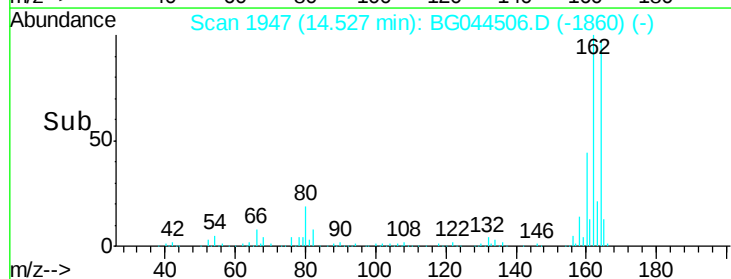
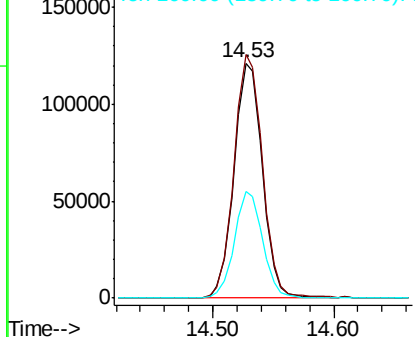


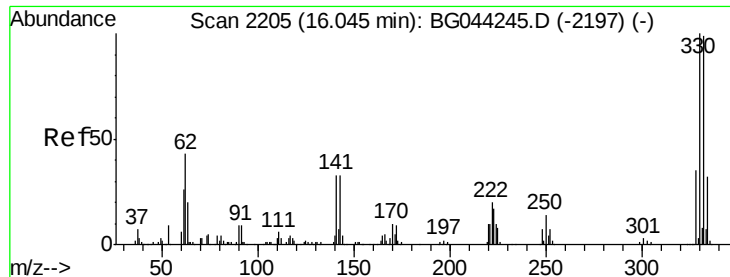
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.53 min Scan# 1947
Delta R.T. -0.02 min
Lab File: BG044506.D
Acq: 20 Feb 2020 1:58

Tgt Ion	164	Resp	199490
Ion Ratio	Lower	Upper	
164	100		
162	103.5	80.7	121.1
160	45.3	35.3	52.9



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: 114.287 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG044506.D

Acq: 20 Feb 2020 1:58

Instrument :

BNA_G

ClientSampleId :

TP-A-S

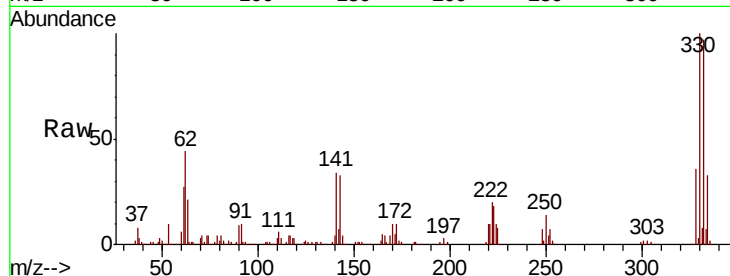
Tot Ion:330 Resp: 267648

Ion Ratio Lower Upper

330 100

332 95.2 77.2 115.8

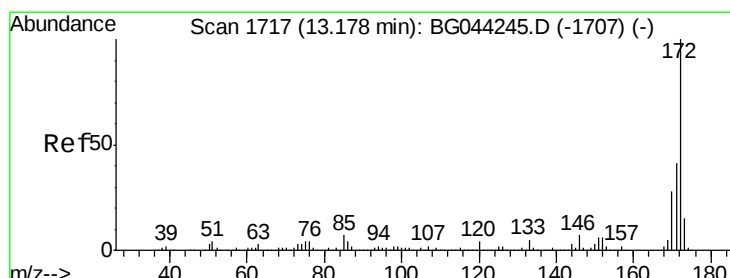
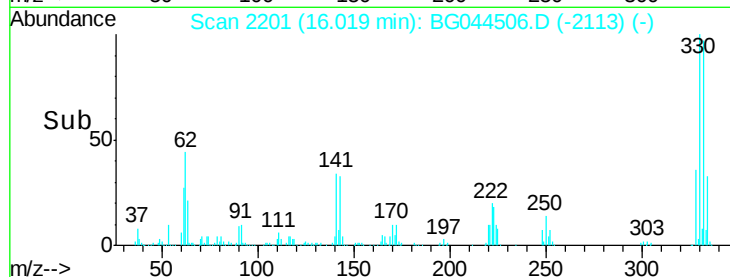
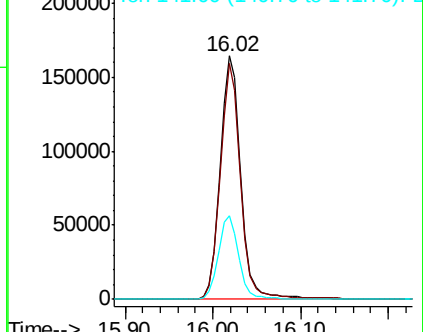
141 34.3 28.3 42.5



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: 72.809 ng

RT: 13.15 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BG044506.D

Acq: 20 Feb 2020 1:58

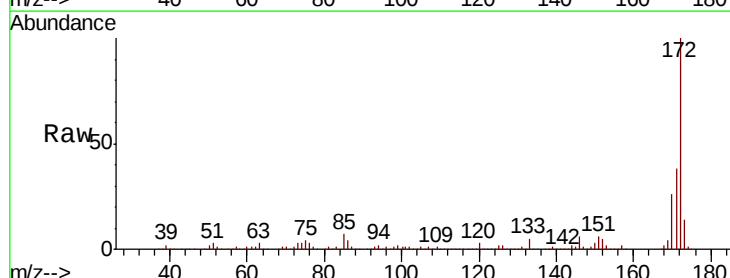
Tgt Ion:172 Resp: 867370

Ion Ratio Lower Upper

172 100

171 38.1 32.9 49.3

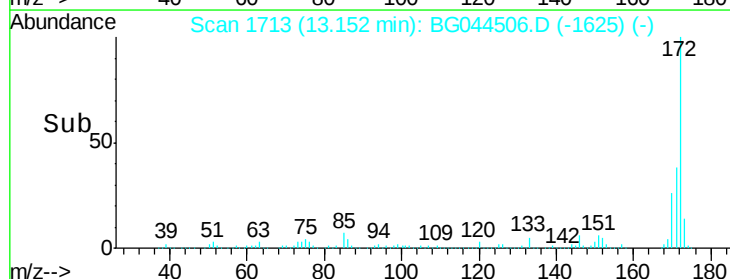
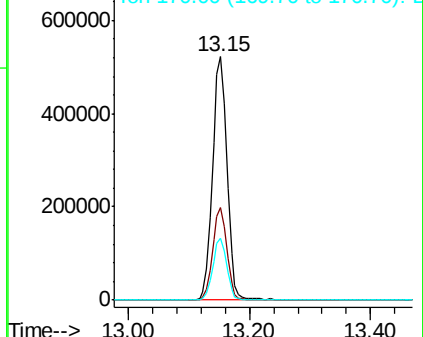
170 25.5 22.0 33.0

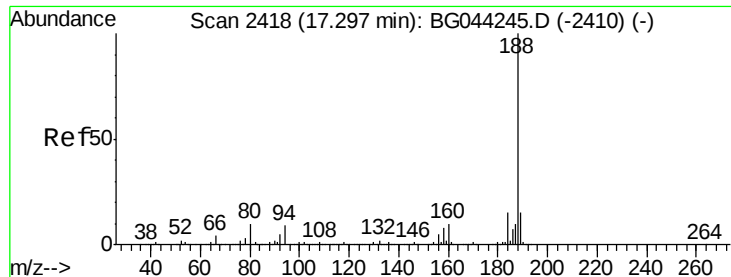


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.27 min Scan# 2414

Delta R.T. -0.02 min

Lab File: BG044506.D

Acq: 20 Feb 2020 1:58

Instrument :

BNA_G

ClientSampleId :

TP-A-S

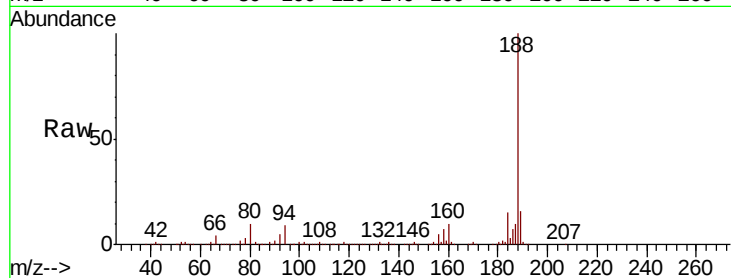
Tot Ion:188 Resp: 448861

Ion Ratio Lower Upper

188 100

94 9.2 7.4 11.2

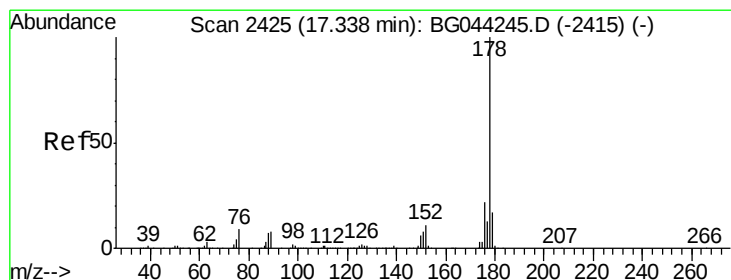
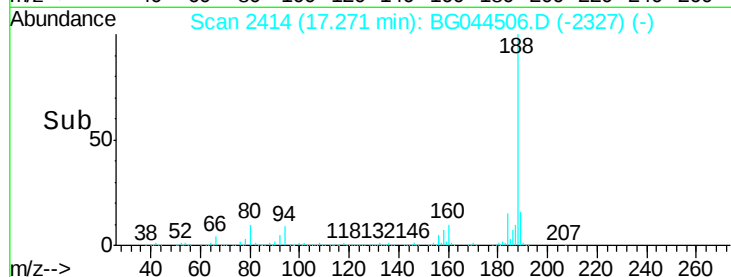
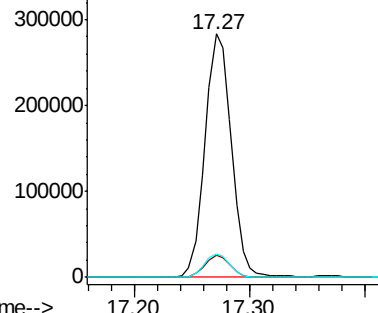
80 9.8 7.7 11.5



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: 2.752 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG044506.D

Acq: 20 Feb 2020 1:58

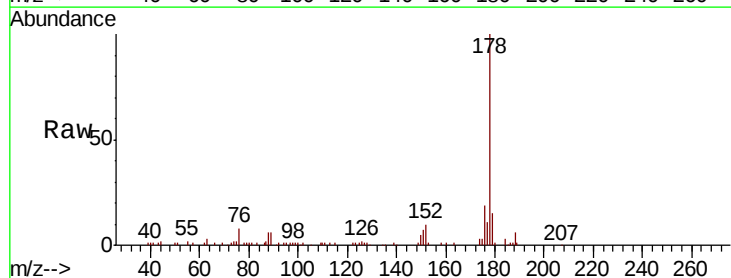
Tgt Ion:178 Resp: 59807

Ion Ratio Lower Upper

178 100

176 19.0 17.7 26.5

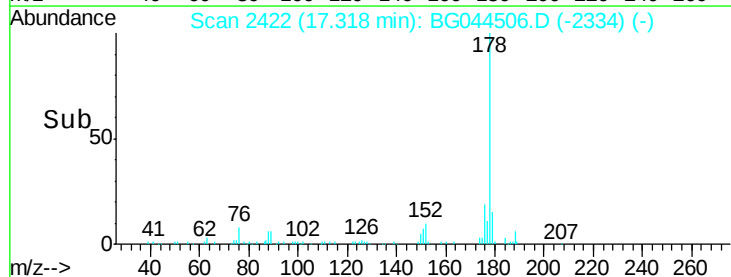
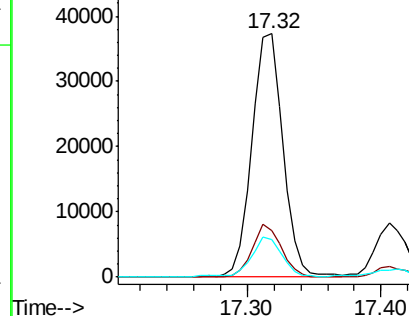
179 15.4 13.7 20.5

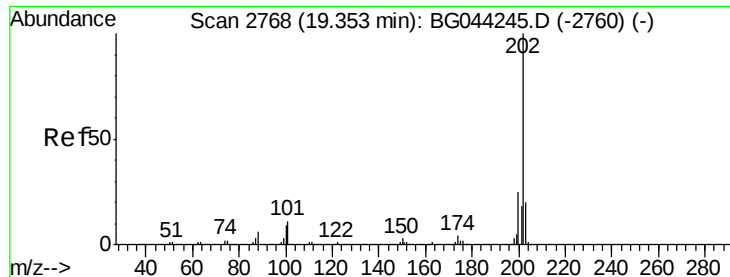


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 3.840 ng

RT: 19.33 min Scan# 2764

Delta R.T. -0.01 min

Lab File: BG044506.D

Acq: 20 Feb 2020 1:58

Instrument :

BNA_G

ClientSampleId :

TP-A-S

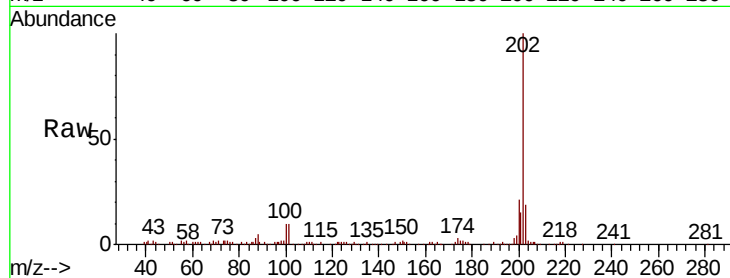
Tot Ion:202 Resp: 96545

Ion Ratio Lower Upper

202 100

101 10.2 0.0 31.3

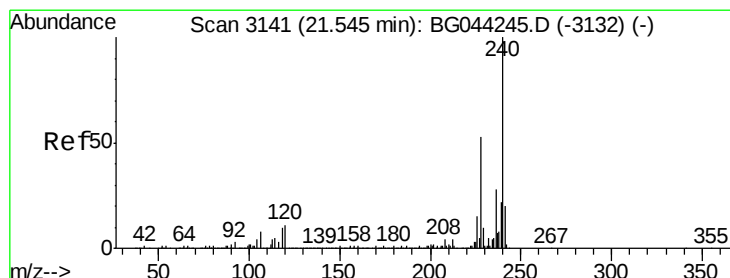
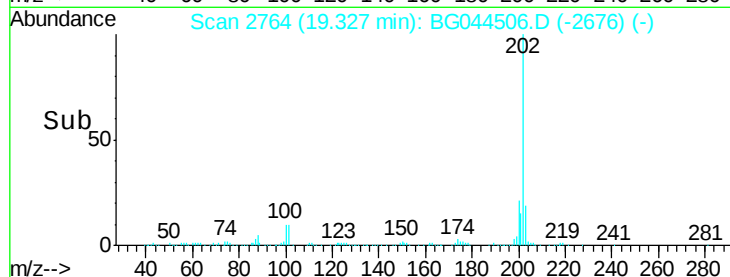
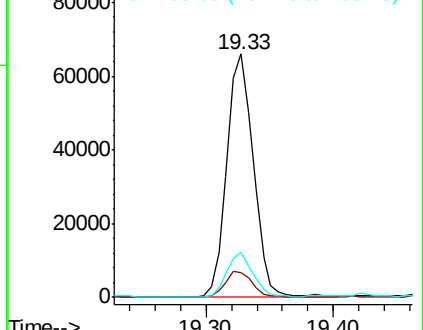
203 18.6 0.0 39.9



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: 20.000 ng

RT: 21.51 min Scan# 3136

Delta R.T. -0.02 min

Lab File: BG044506.D

Acq: 20 Feb 2020 1:58

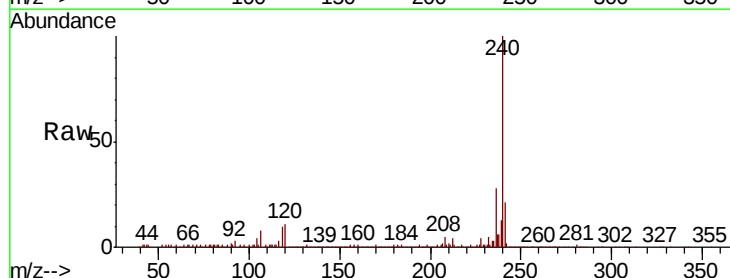
Tgt Ion:240 Resp: 434075

Ion Ratio Lower Upper

240 100

120 11.2 8.4 12.6

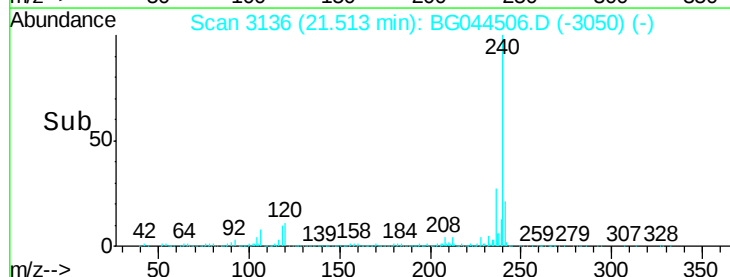
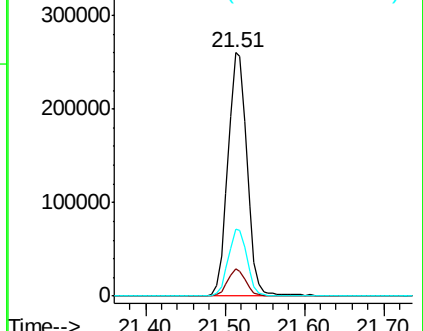
236 27.6 22.1 33.1

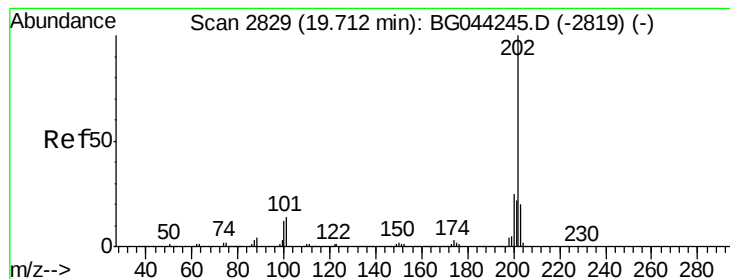


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.892 ng

RT: 19.69 min Scan# 2825

Delta R.T. -0.02 min

Lab File: BG044506.D

Acq: 20 Feb 2020 1:58

Instrument :

BNA_G

ClientSampleId :

TP-A-S

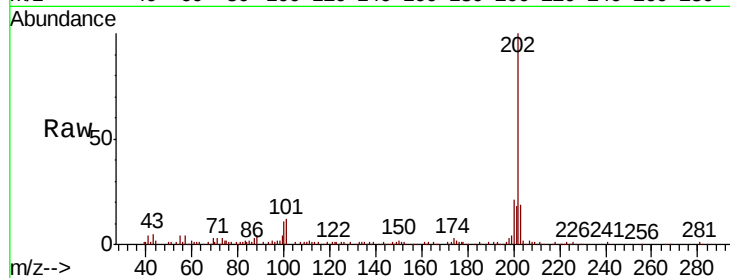
Tot Ion:202 Resp: 80607

Ion Ratio Lower Upper

202 100

200 20.7 20.0 30.0

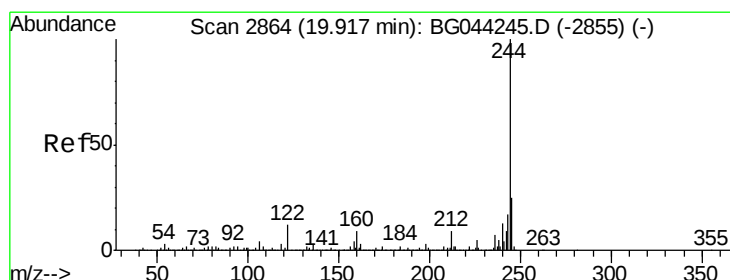
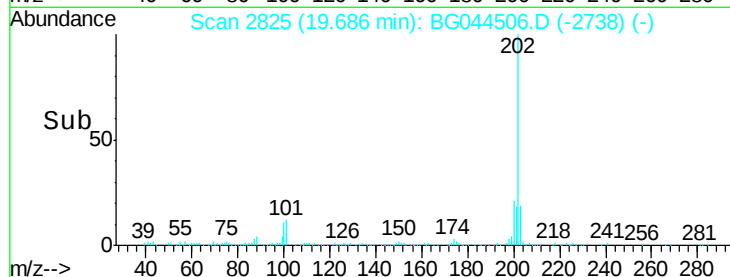
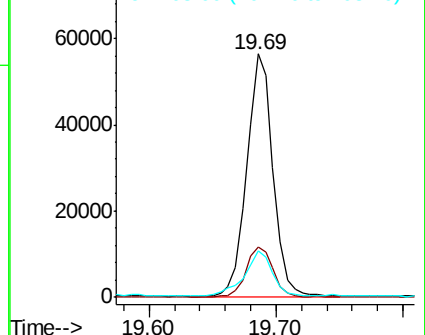
203 18.9 16.2 24.2



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: 64.840 ng

RT: 19.89 min Scan# 2860

Delta R.T. -0.01 min

Lab File: BG044506.D

Acq: 20 Feb 2020 1:58

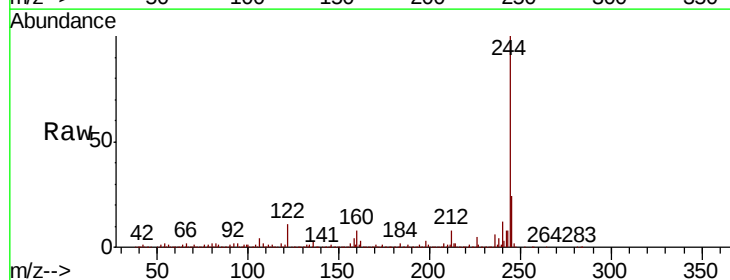
Tgt Ion:244 Resp: 1368365

Ion Ratio Lower Upper

244 100

212 8.4 7.4 11.2

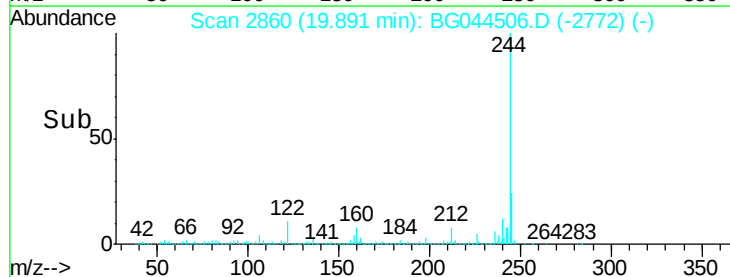
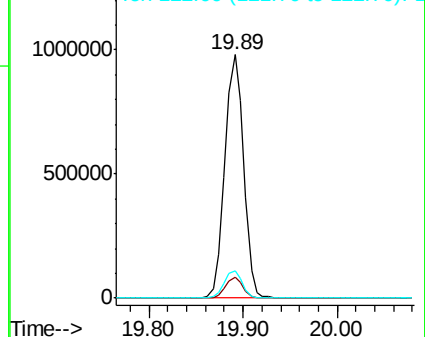
122 11.3 9.8 14.6

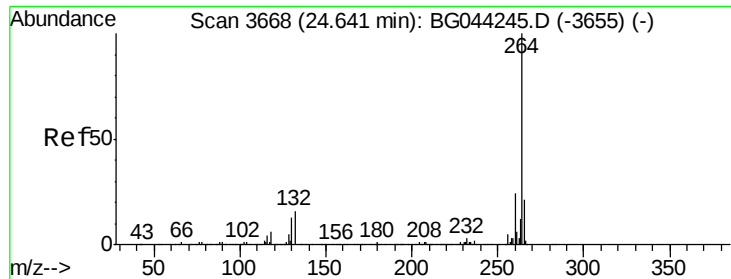


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.60 min Scan# 3661
Delta R.T. -0.02 min
Lab File: BG044506.D
Acq: 20 Feb 2020 1:58

Instrument :
BNA_G
ClientSampleId :
TP-A-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.4	29.2
265	21.8	16.7	25.1

