

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031220\
 Data File : BG044734.D
 Acq On : 12 Mar 2020 14:12
 Operator : CG/JU
 Sample : L1873-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Mar 13 11:53:25 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 10 16:27:39 2020
 Response via : Initial Calibration

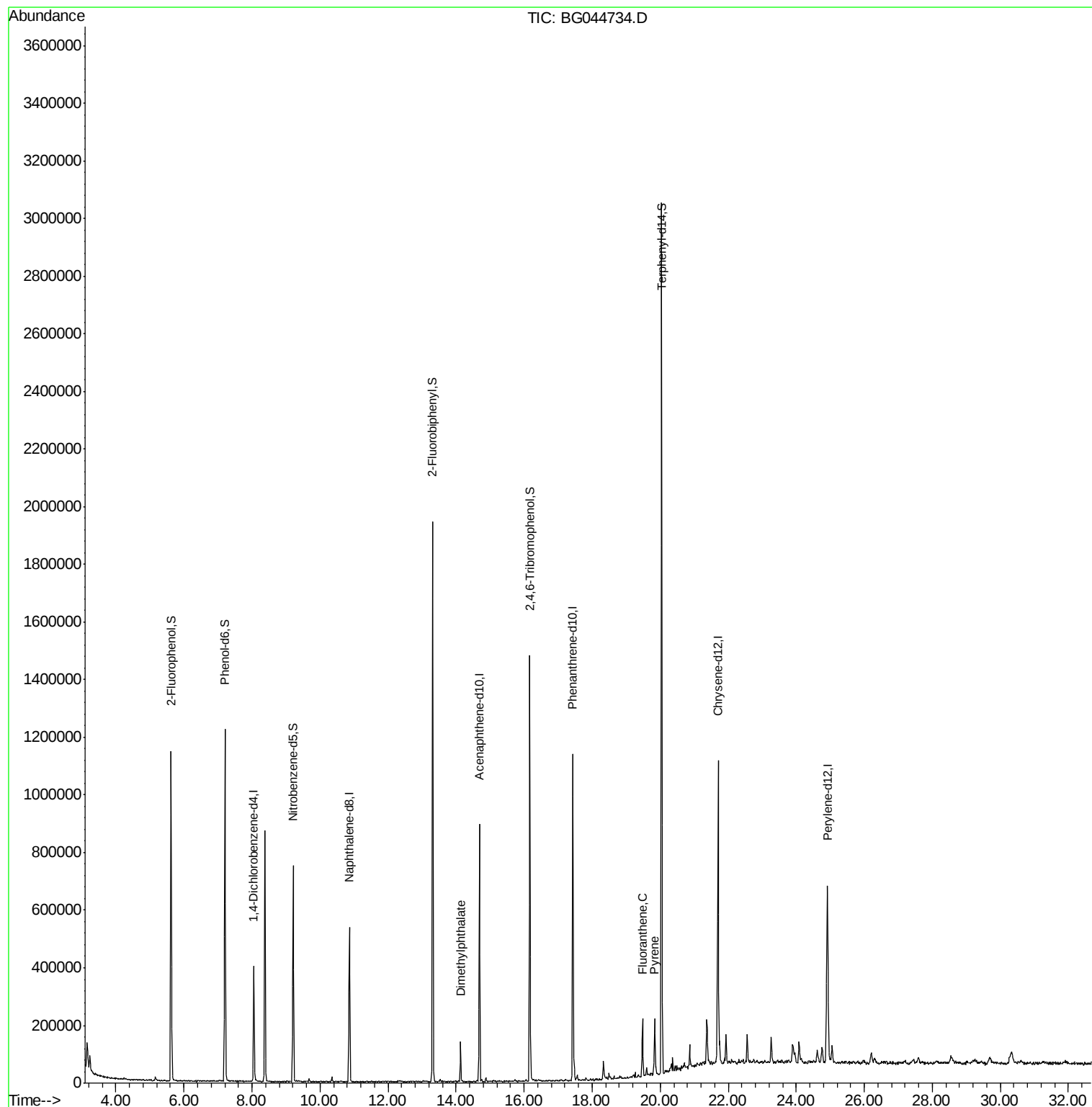
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	113131	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	445491	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	309568	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	687089	20.00	ng	0.00
76) Chrysene-d12	21.70	240	603827	20.00	ng	-0.01
87) Perylene-d12	24.92	264	677894	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	513136	70.61	ng	0.00
7) Phenol-d6	7.21	99	741661	70.24	ng	0.00
23) Nitrobenzene-d5	9.21	82	485558	47.83	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	274352	67.69	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1006420	46.56	ng	0.00
79) Terphenyl-d14	20.05	244	1476488	45.74	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	90963	3.689	ng	98
75) Fluoranthene	19.48	202	115205	2.635	ng	95
78) Pyrene	19.84	202	107963	2.437	ng	97

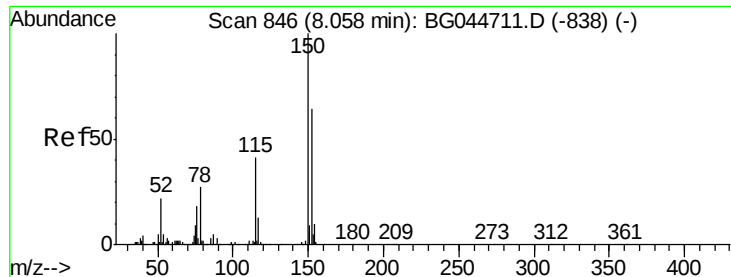
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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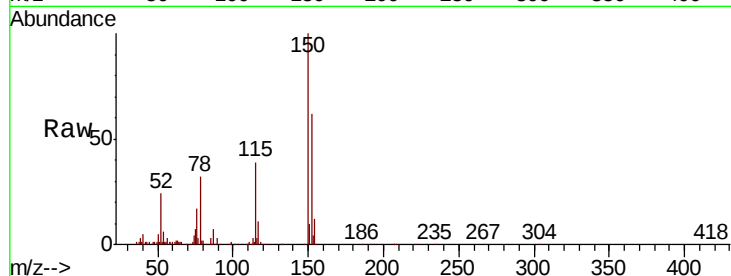


#1

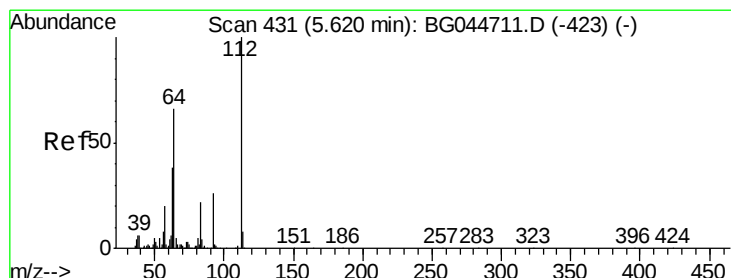
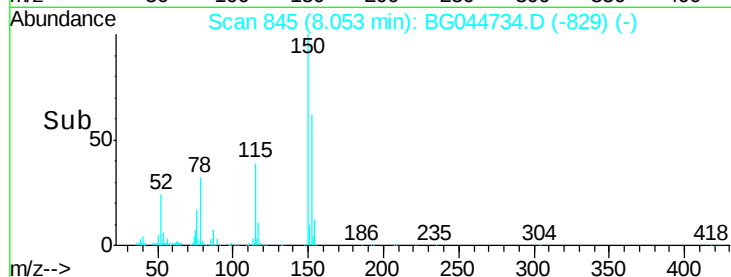
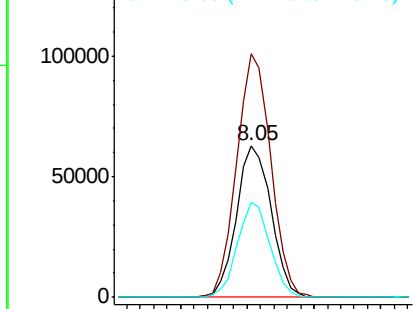
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG044734.D
Acq: 12 Mar 2020 14:12

Instrument :
BNA_G
ClientSampled :
TP-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	125.3	187.9
115	62.2	51.7	77.5



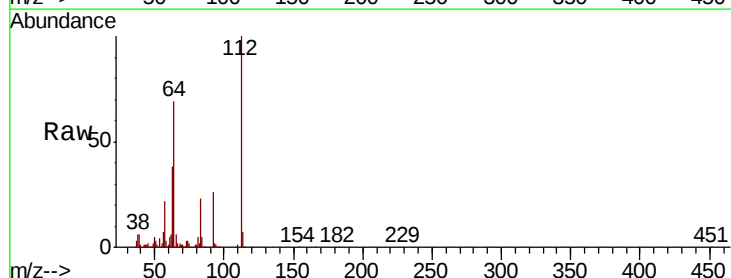
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



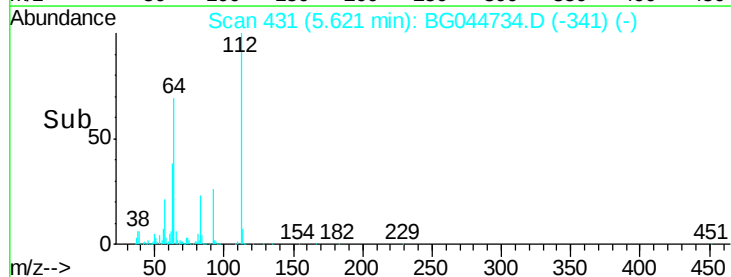
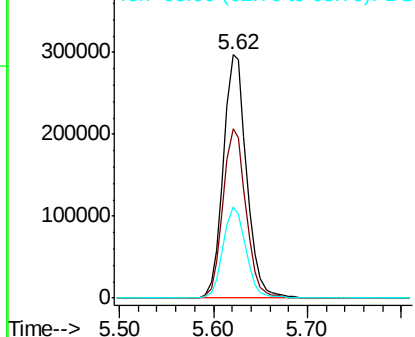
#5

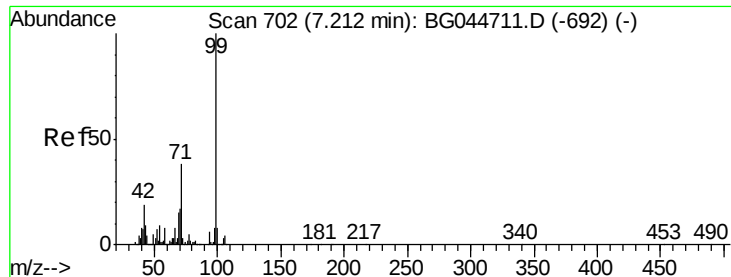
2-Fluorophenol
Concen: 70.608 ng
RT: 5.62 min Scan# 431
Delta R.T. 0.00 min
Lab File: BG044734.D
Acq: 12 Mar 2020 14:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.4	52.6	78.8
63	37.5	30.2	45.4



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





#7

Phenol-d6

Concen: 70.240 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG044734.D

Acq: 12 Mar 2020 14:12

Instrument :

BNA_G

ClientSampled :

TP-2

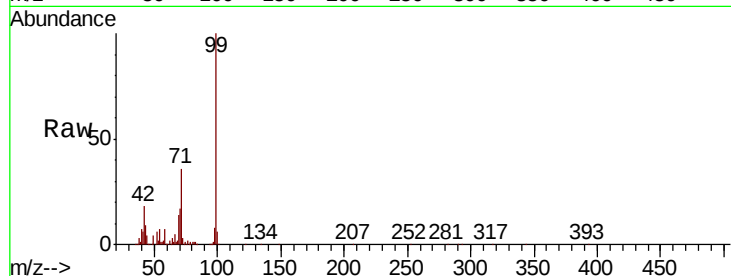
Tot Ion: 99 Resp: 741661

Ion Ratio Lower Upper

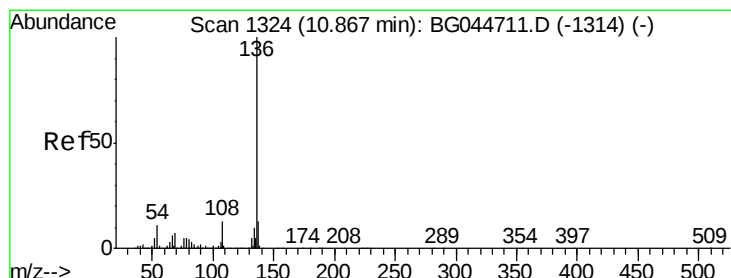
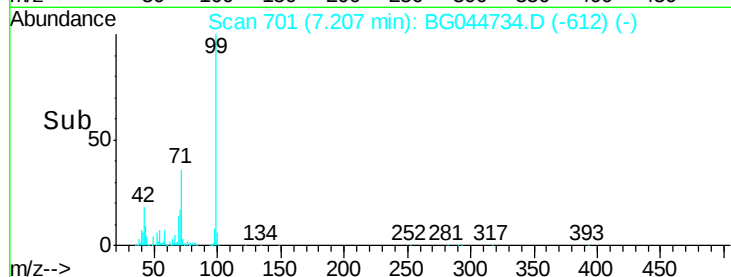
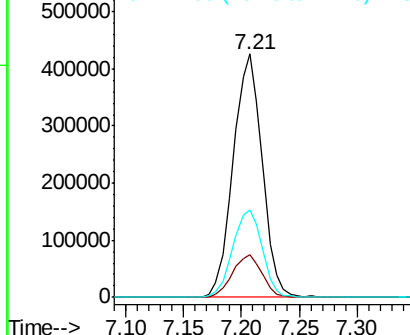
99 100

42 17.7 15.4 23.0

71 36.0 30.2 45.4



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: 10.86 min Scan# 1323

Delta R.T. -0.01 min

Lab File: BG044734.D

Acq: 12 Mar 2020 14:12

Tgt Ion: 136 Resp: 445491

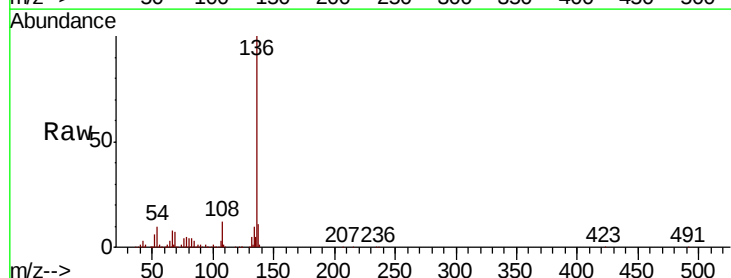
Ion Ratio Lower Upper

136 100

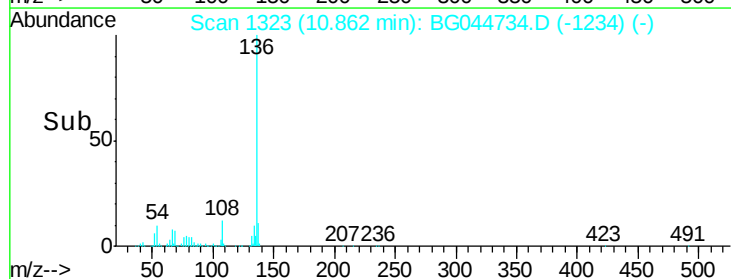
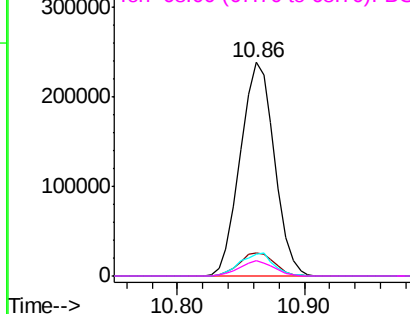
137 10.6 10.7 16.1#

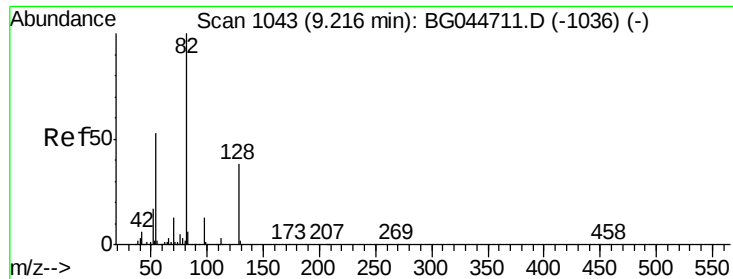
54 10.1 9.0 13.4

68 7.2 5.9 8.9



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: 47.828 ng

RT: 9.21 min Scan# 1042

Delta R.T. -0.01 min

Lab File: BG044734.D

Acq: 12 Mar 2020 14:12

Instrument :

BNA_G

ClientSampleId :

TP-2

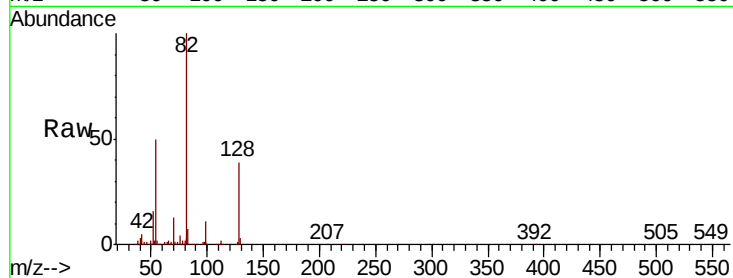
Tot Ion: 82 Resp: 485558

Ion Ratio Lower Upper

82 100

128 39.4 30.2 45.2

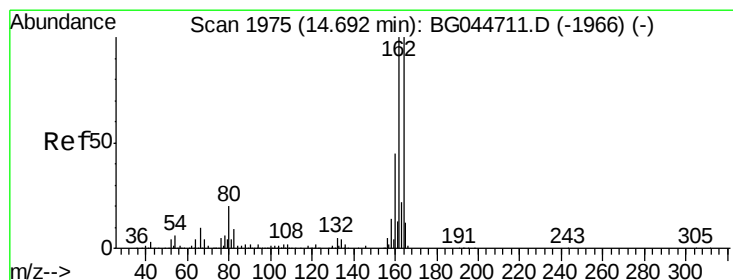
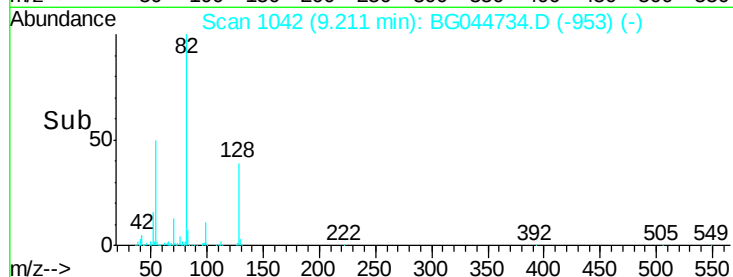
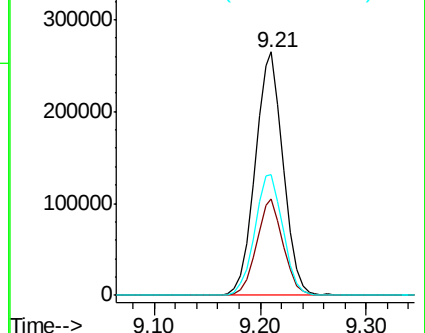
54 49.7 41.8 62.8



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: 14.69 min Scan# 1974

Delta R.T. -0.01 min

Lab File: BG044734.D

Acq: 12 Mar 2020 14:12

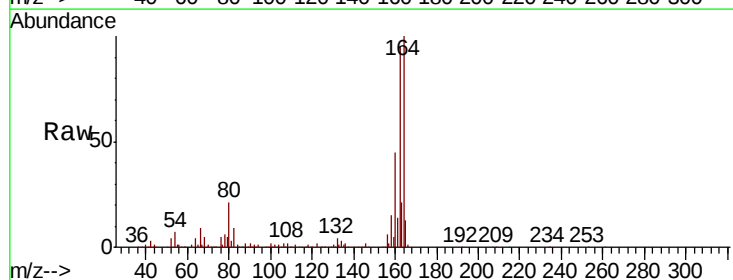
Tgt Ion: 164 Resp: 309568

Ion Ratio Lower Upper

164 100

162 95.2 80.2 120.4

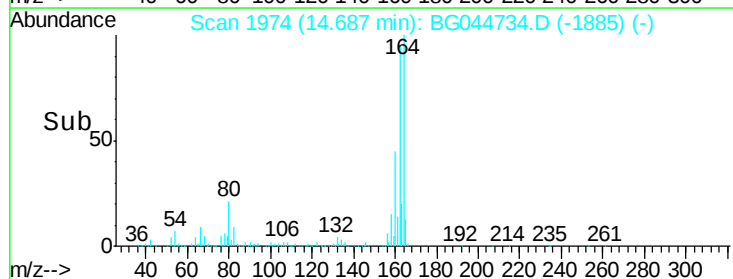
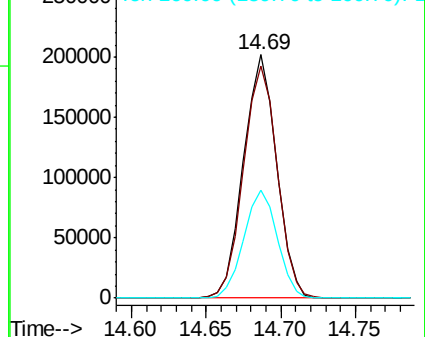
160 44.5 36.2 54.2

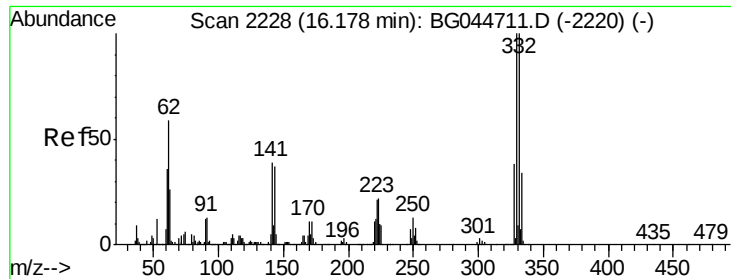


Abundance Ion 164.00 (163.70 to 164.70): BGC

Ion 162.00 (161.70 to 162.70): BGC

Ion 160.00 (159.70 to 160.70): BGC

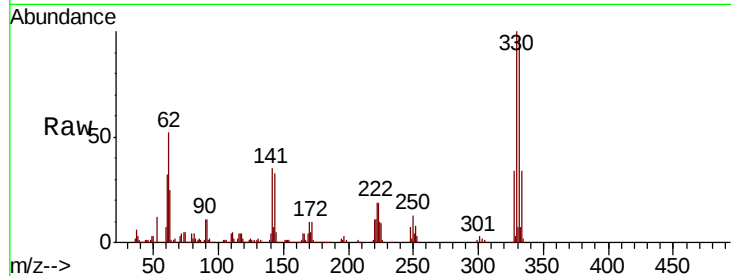




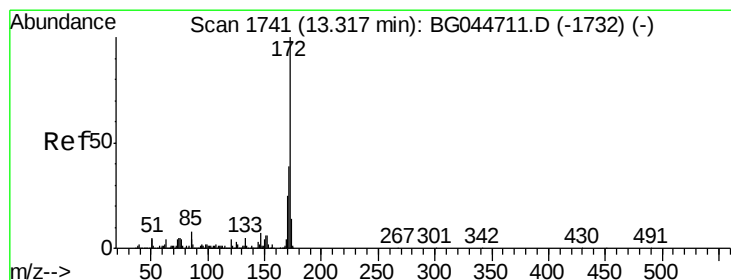
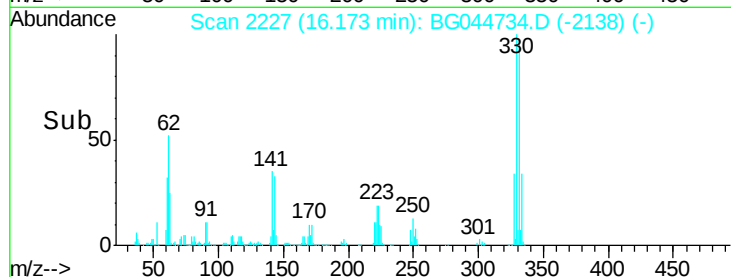
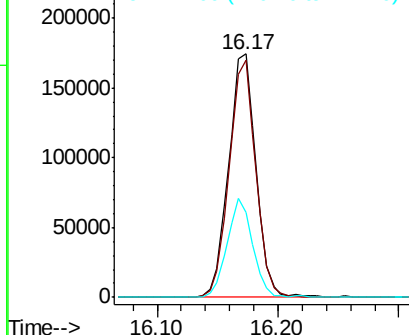
#42
 2,4,6-Tribromophenol
 Concen: 67.686 ng
 RT: 16.17 min Scan# 2227
 Delta R.T. -0.01 min
 Lab File: BG044734.D
 Acq: 12 Mar 2020 14:12

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.5	116.3
141	38.1	31.7	47.5

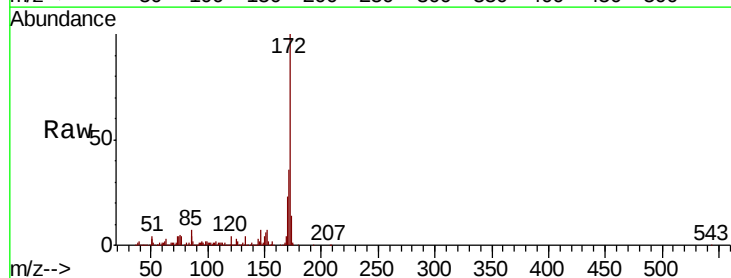


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

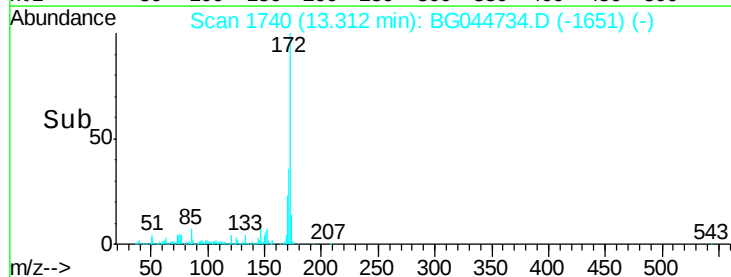
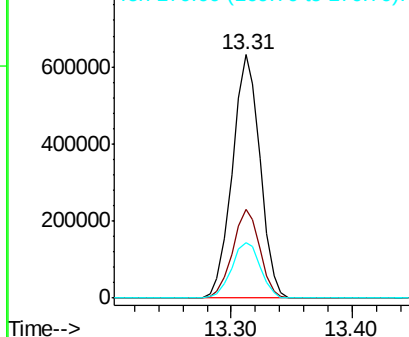


#45
 2-Fluorobiphenyl
 Concen: 46.556 ng
 RT: 13.31 min Scan# 1740
 Delta R.T. -0.01 min
 Lab File: BG044734.D
 Acq: 12 Mar 2020 14:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	30.8	46.2
170	22.6	20.0	30.0



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





#50

Dimethylphthalate

Concen: 3.689 ng

RT: 14.13 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BG044734.D

Acq: 12 Mar 2020 14:12

Instrument :

BNA_G

ClientSampleId :

TP-2

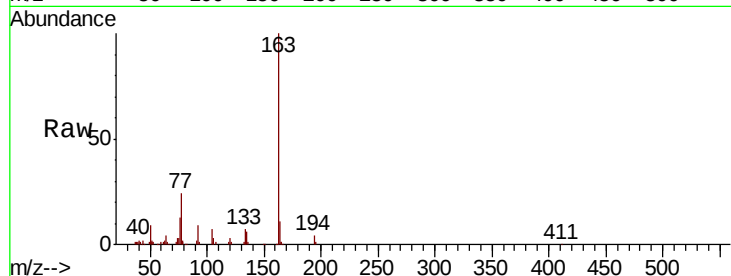
Tot Ion:163 Resp: 90963

Ion Ratio Lower Upper

163 100

194 3.6 3.5 5.3

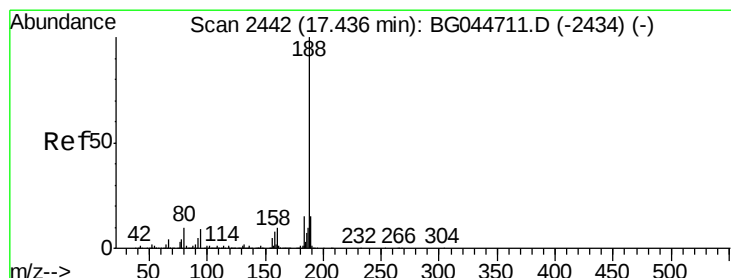
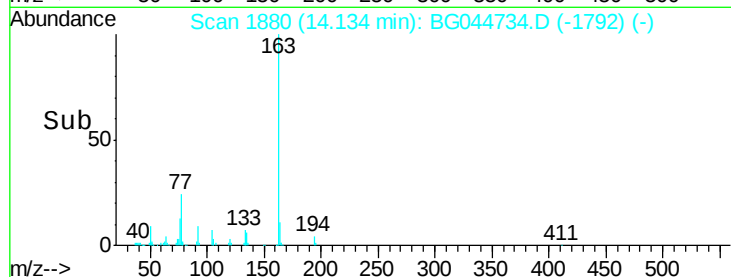
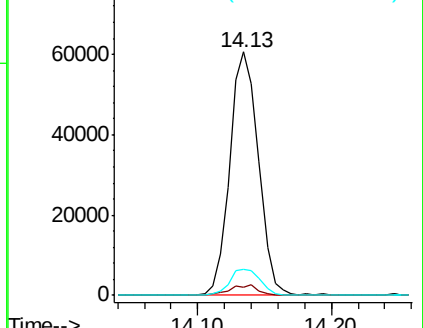
164 10.7 9.2 13.8



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: 20.000 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG044734.D

Acq: 12 Mar 2020 14:12

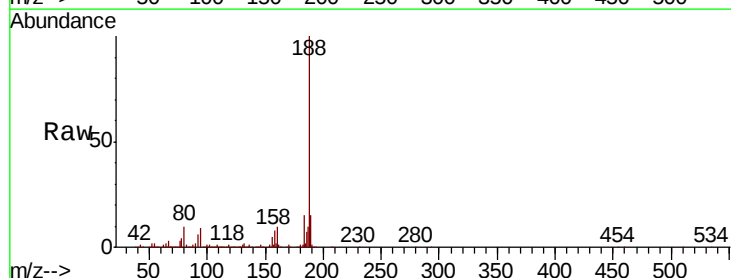
Tgt Ion:188 Resp: 687089

Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.6

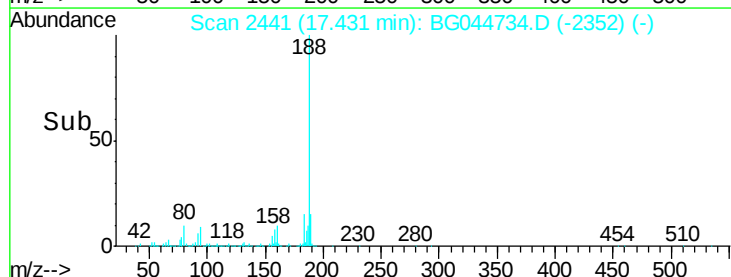
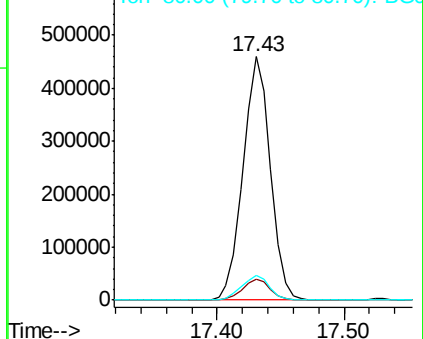
80 10.0 8.4 12.6

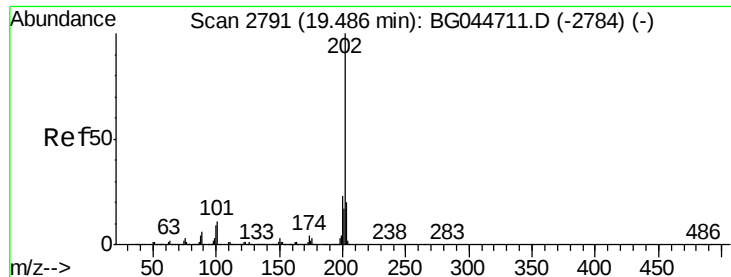


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#75

Fluoranthene

Concen: 2.635 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG044734.D

Acq: 12 Mar 2020 14:12

Instrument :

BNA_G

ClientSampled :

TP-2

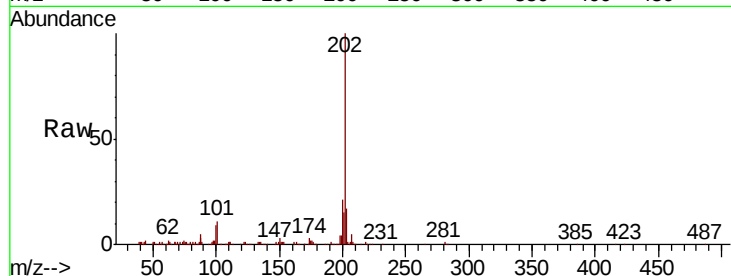
Tot Ion:202 Resp: 115205

Ion Ratio Lower Upper

202 100

101 10.9 0.0 31.3

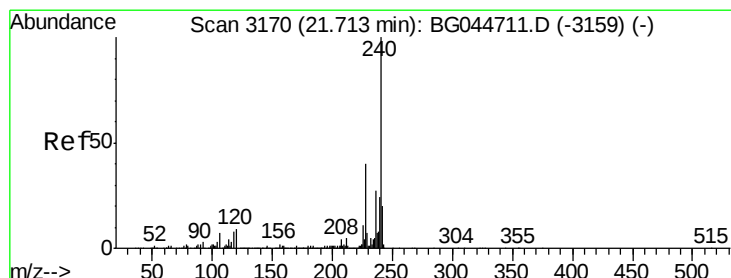
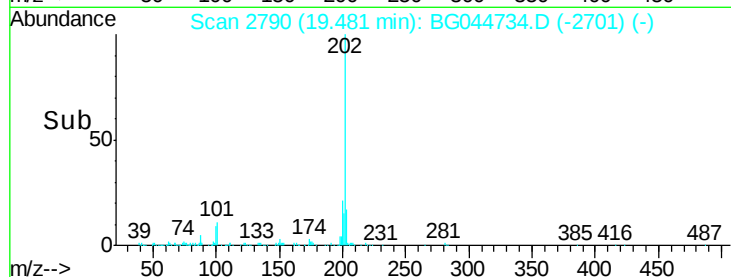
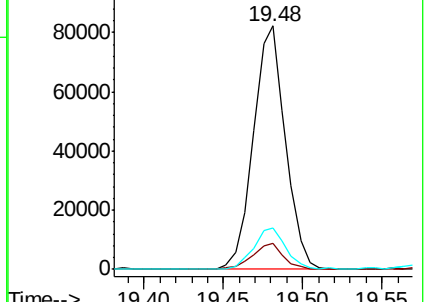
203 17.0 0.4 40.4



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: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG044734.D

Acq: 12 Mar 2020 14:12

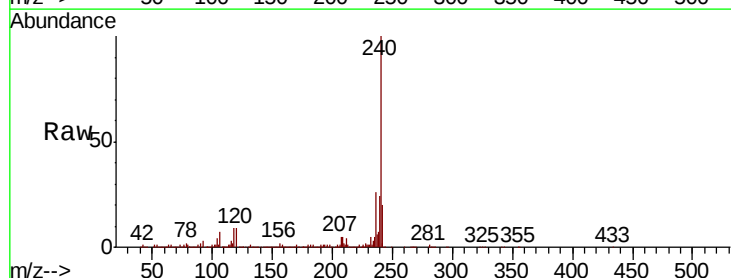
Tgt Ion:240 Resp: 603827

Ion Ratio Lower Upper

240 100

120 9.1 6.9 10.3

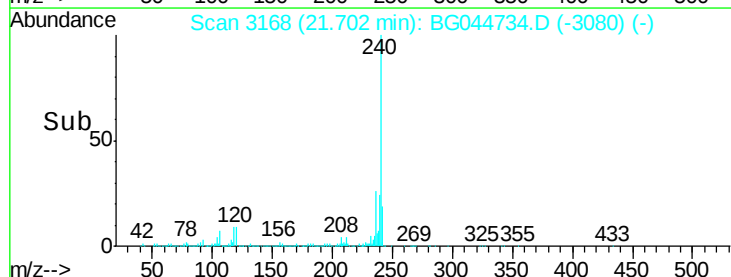
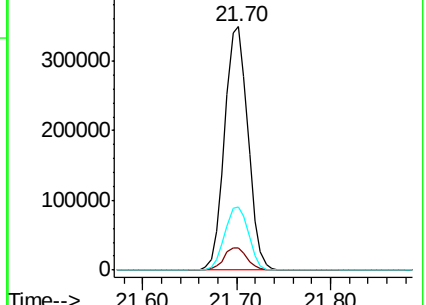
236 26.0 21.9 32.9

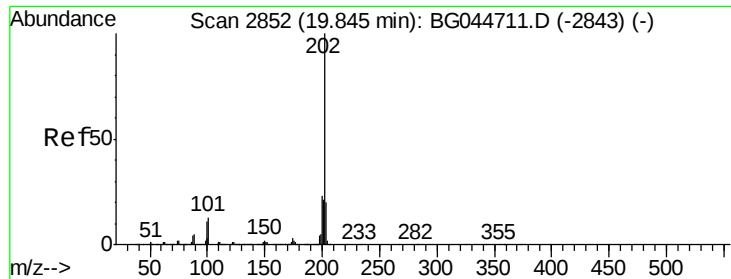


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 2.437 ng

RT: 19.84 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BG044734.D

Acq: 12 Mar 2020 14:12

Instrument :

BNA_G

ClientSampleId :

TP-2

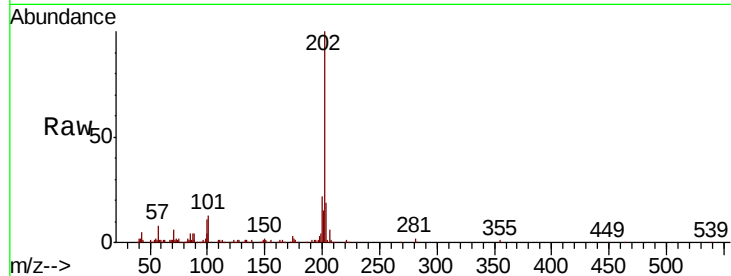
Tot Ion:202 Resp: 107963

Ion Ratio Lower Upper

202 100

200 22.3 18.7 28.1

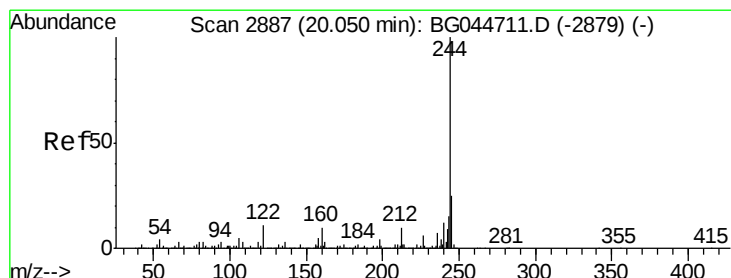
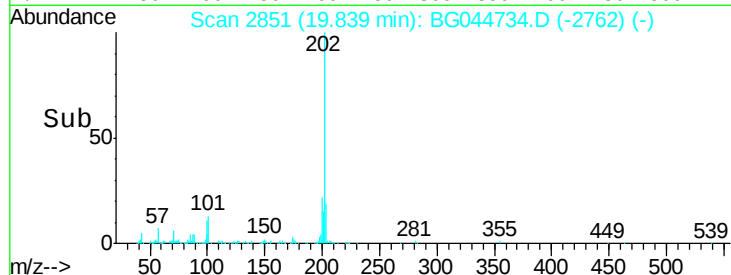
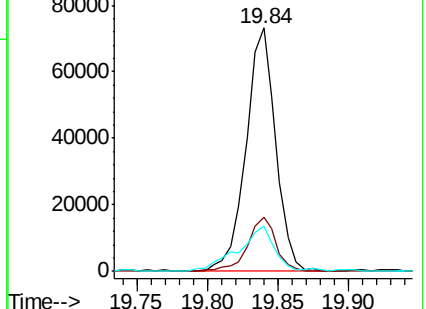
203 18.6 16.0 24.0



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: 45.739 ng

RT: 20.05 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BG044734.D

Acq: 12 Mar 2020 14:12

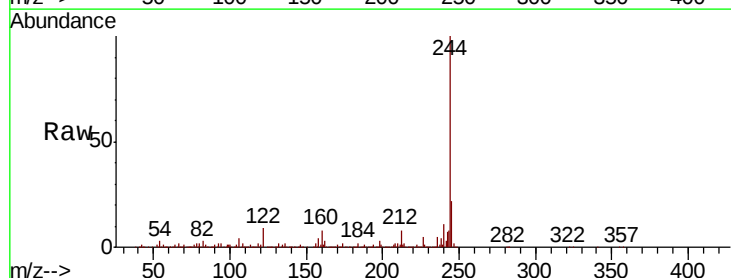
Tgt Ion:244 Resp: 1476488

Ion Ratio Lower Upper

244 100

212 8.3 8.4 12.6#

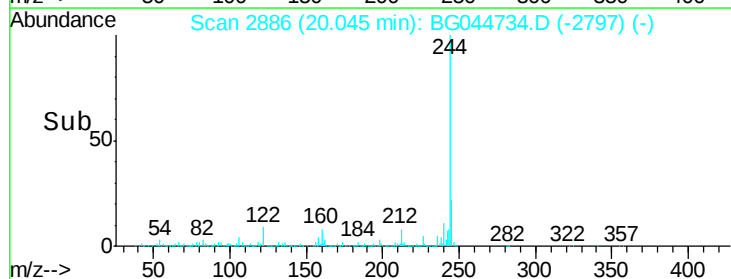
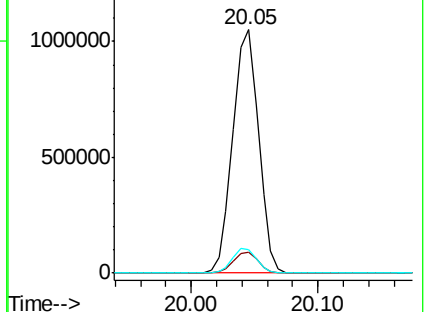
122 9.4 8.7 13.1

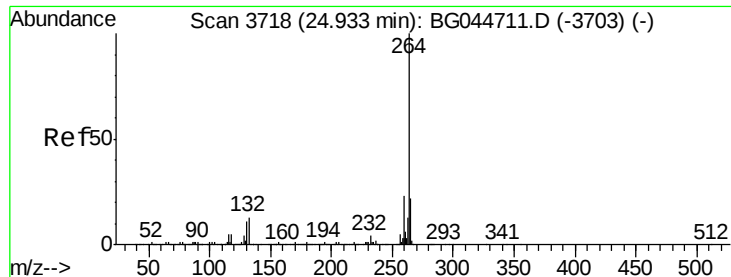


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.92 min Scan# 3715
 Delta R.T. -0.02 min
 Lab File: BG044734.D
 Acq: 12 Mar 2020 14:12

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Tot Ion: 264 Resp: 677894
 Ion Ratio Lower Upper
 264 100
 260 21.9 18.4 27.6
 265 22.6 17.4 26.2

