

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031620\
 Data File : BG044823.D
 Acq On : 16 Mar 2020 21:36
 Operator : CG/JU
 Sample : L1859-06
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-7-DA

Quant Time: Mar 17 05:18:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 16 17:37:15 2020
 Response via : Initial Calibration

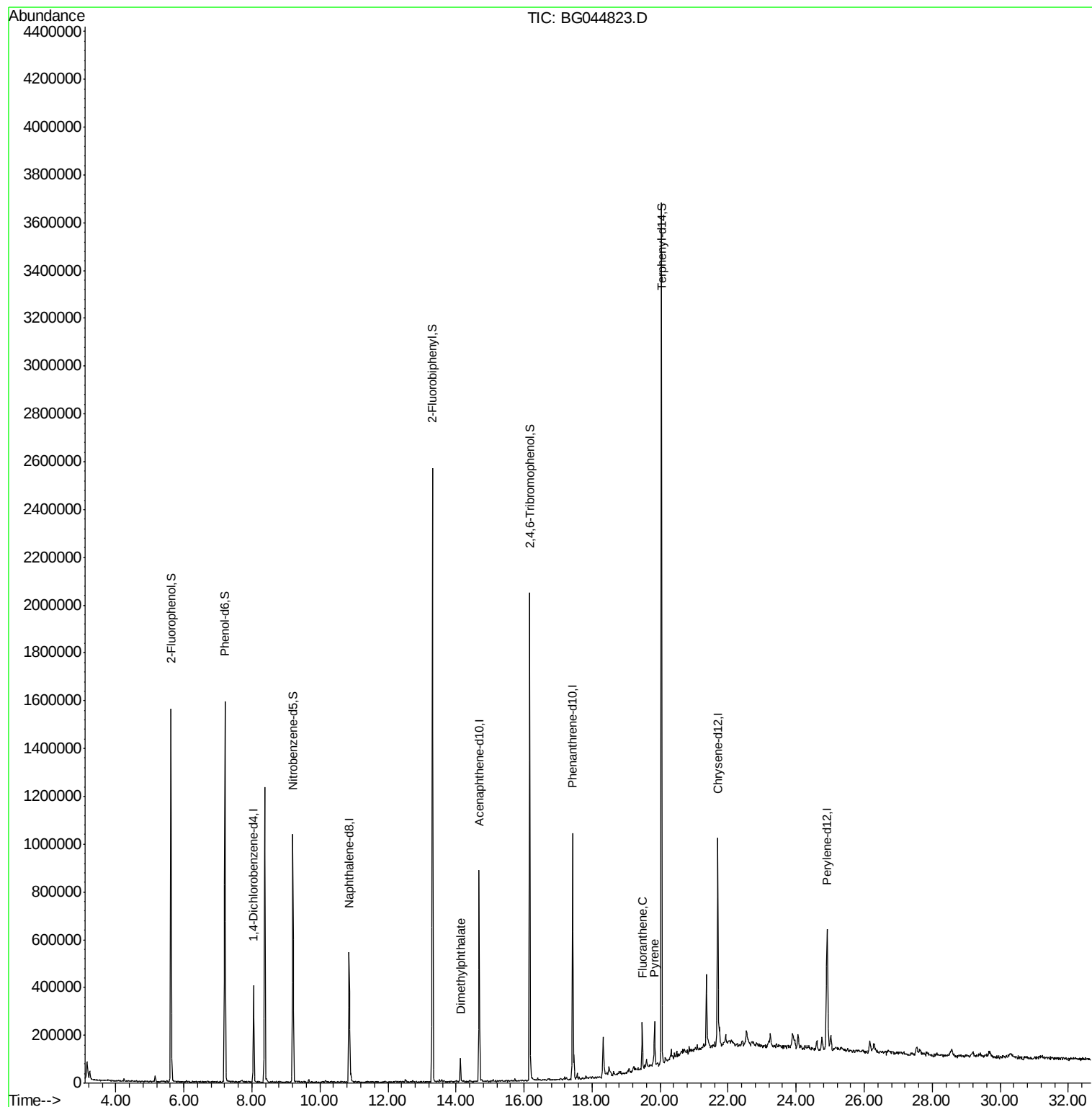
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	114486	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	472369	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	311992	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	650012	20.00	ng	0.00
76) Chrysene-d12	21.70	240	505784	20.00	ng	0.00
87) Perylene-d12	24.91	264	579906	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	699496	95.11	ng	0.00
7) Phenol-d6	7.20	99	1007963	94.33	ng	0.00
23) Nitrobenzene-d5	9.21	82	662921	61.58	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	407905	99.85	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	1386098	63.62	ng	0.00
79) Terphenyl-d14	20.04	244	1697181	62.77	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	66513	2.677	ng	Qvalue # 96
75) Fluoranthene	19.48	202	114093	2.759	ng	98
78) Pyrene	19.83	202	113609	3.062	ng	98

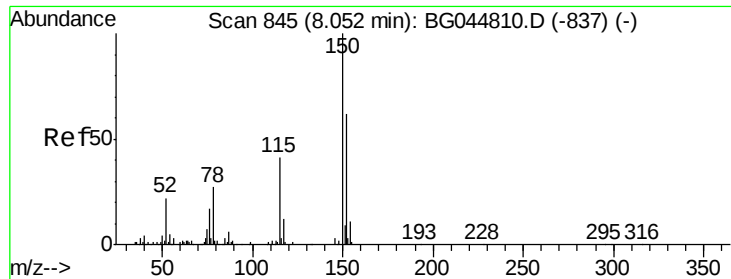
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-7-DA

Quant Time: Mar 17 05:18:26 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG031020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 16 17:37:15 2020
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.05 min Scan# 844

Delta R.T. -0.00 min

Lab File: BG044823.D

Acq: 16 Mar 2020 21:36

Instrument :

BNA_G

ClientSampleId :

TP-7-DA

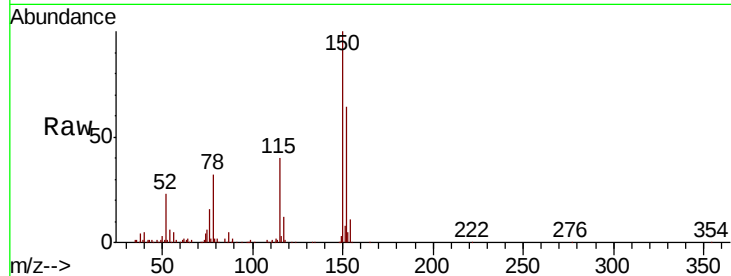
Tot Ion:152 Resp: 114486

Ion Ratio Lower Upper

152 100

150 156.4 128.8 193.2

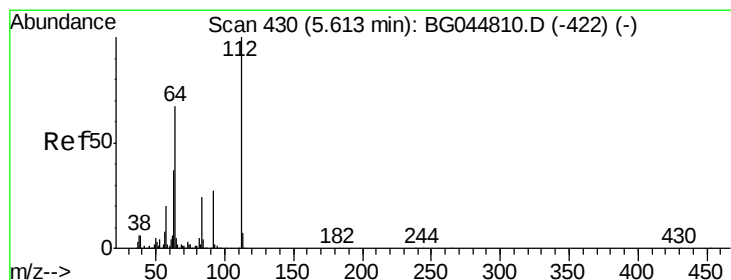
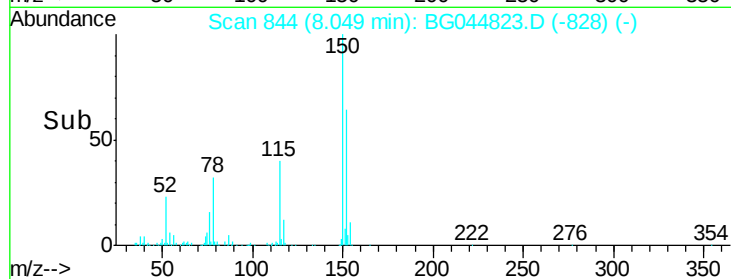
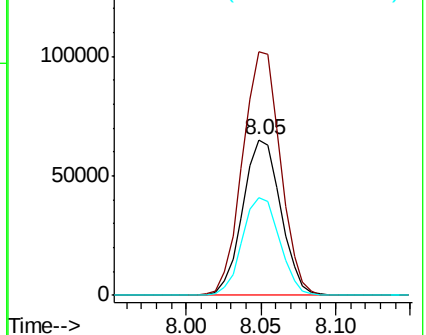
115 62.7 52.6 79.0



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: 95.112 ng

RT: 5.62 min Scan# 431

Delta R.T. 0.01 min

Lab File: BG044823.D

Acq: 16 Mar 2020 21:36

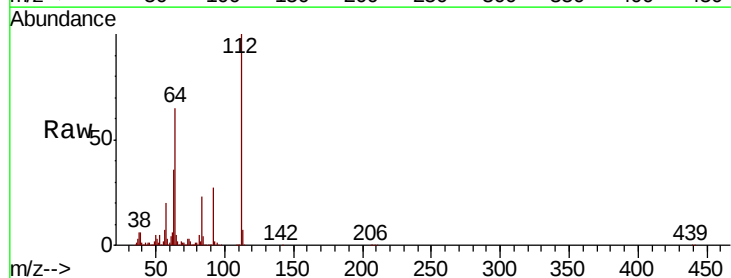
Tgt Ion:112 Resp: 699496

Ion Ratio Lower Upper

112 100

64 65.0 53.4 80.2

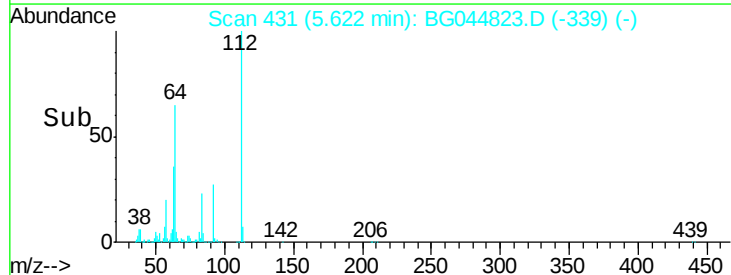
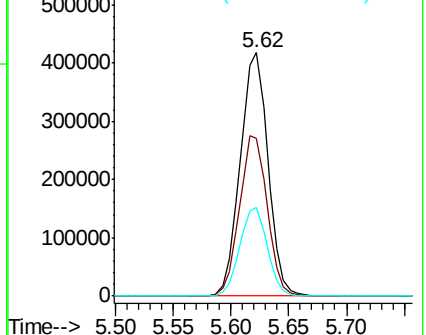
63 36.3 29.4 44.2

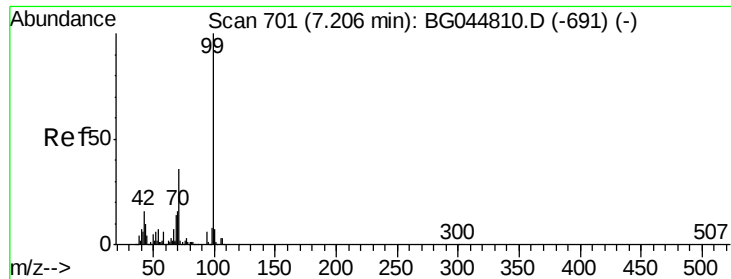


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 94.330 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

Lab File: BG044823.D

Acq: 16 Mar 2020 21:36

Instrument :

BNA_G

ClientSampleId :

TP-7-DA

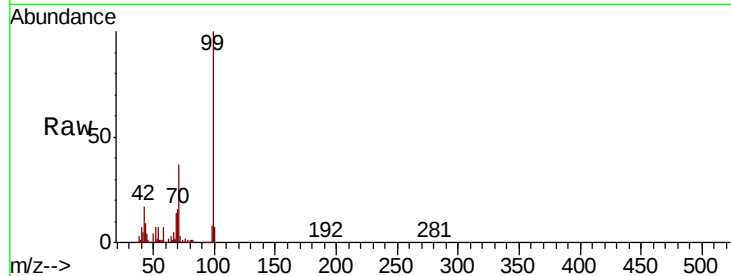
Tot Ion: 99 Resp: 1007963

Ion Ratio Lower Upper

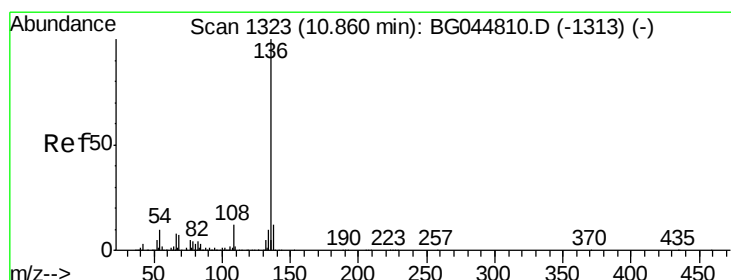
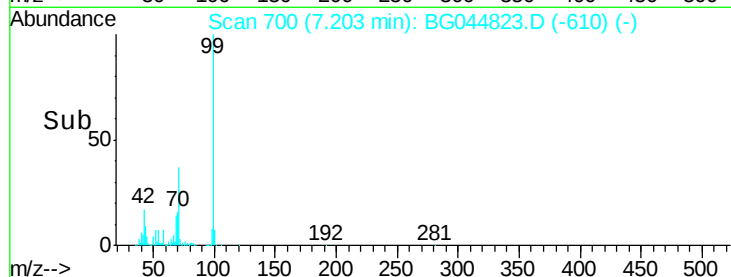
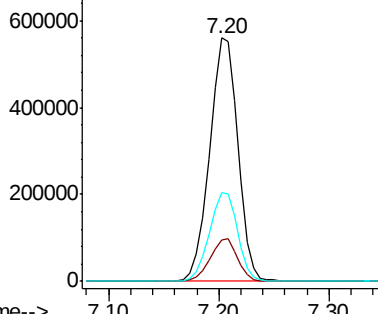
99 100

42 17.1 12.6 19.0

71 36.5 29.0 43.4



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# 1322

Delta R.T. -0.00 min

Lab File: BG044823.D

Acq: 16 Mar 2020 21:36

Tgt Ion: 136 Resp: 472369

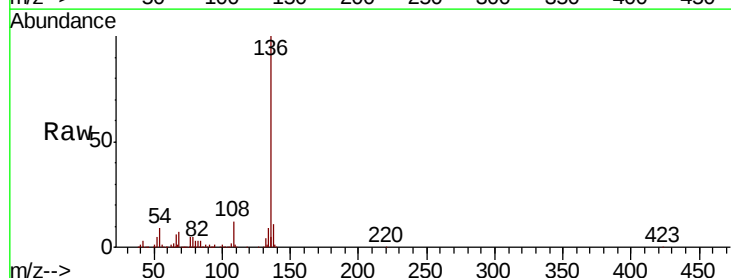
Ion Ratio Lower Upper

136 100

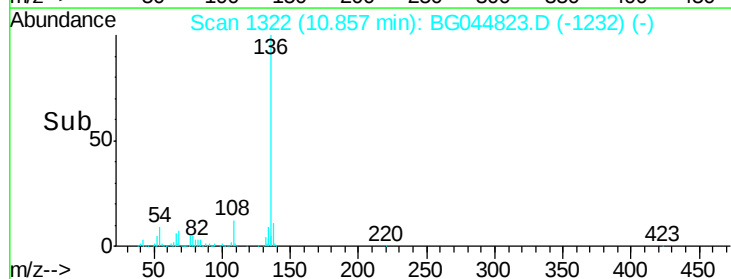
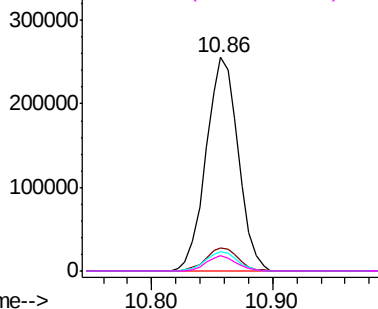
137 10.7 9.8 14.6

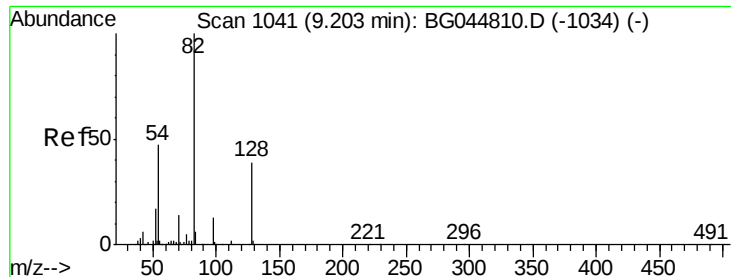
54 8.9 7.9 11.9

68 7.2 5.4 8.0



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

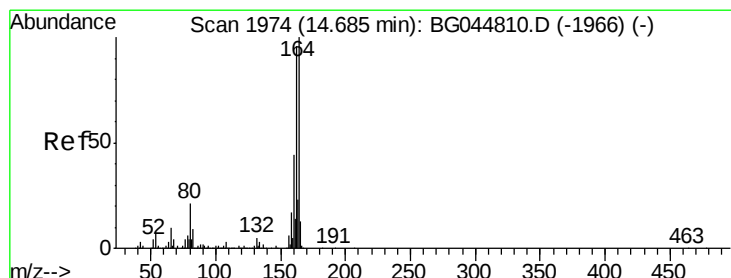
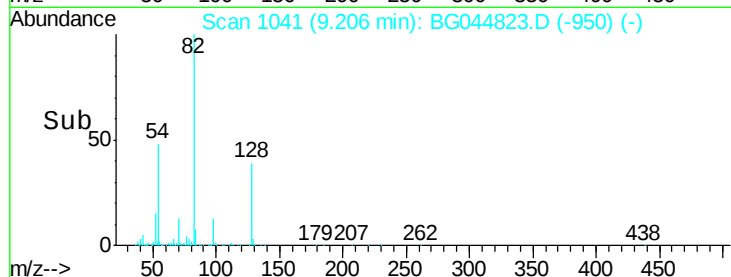
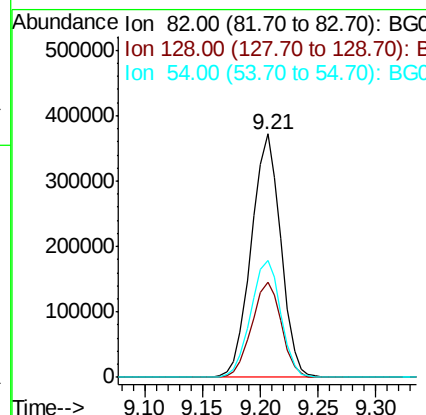
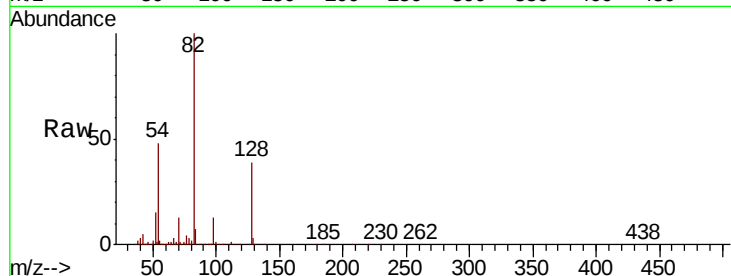




#23
 Nitrobenzene-d5
 Concen: 61.583 ng
 RT: 9.21 min Scan# 1041
 Delta R.T. 0.00 min
 Lab File: BG044823.D
 Acq: 16 Mar 2020 21:36

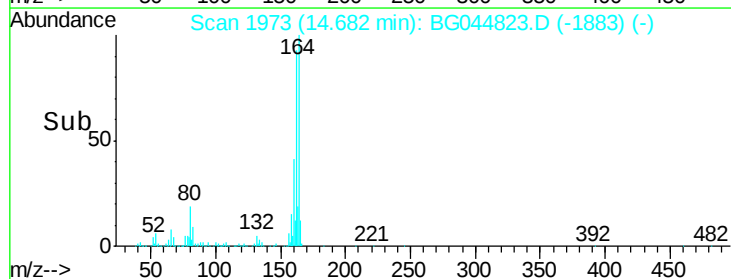
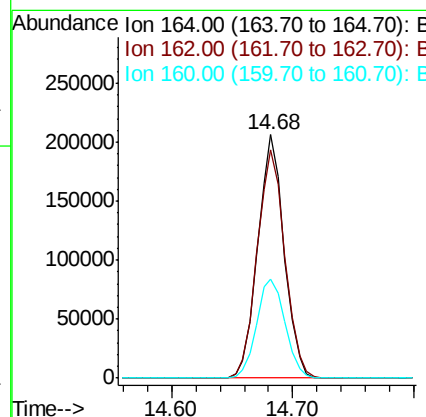
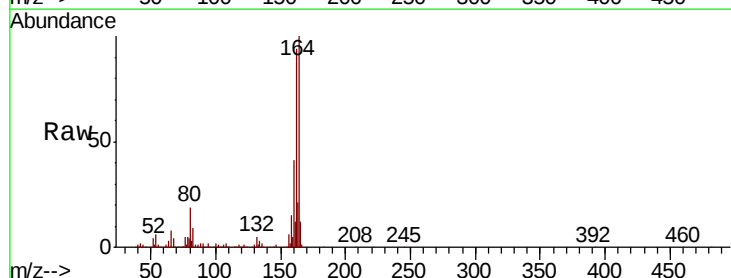
Instrument :
 BNA_G
 ClientSampleID :
 TP-7-DA

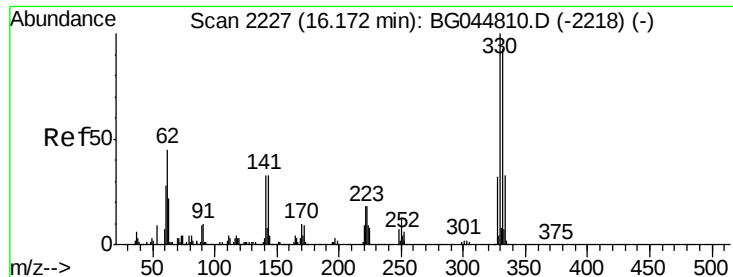
Tot Ion	82	Resp	662921
Ion Ratio	Lower	Upper	
82	100		
128	39.1	30.6	46.0
54	47.8	37.1	55.7



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.68 min Scan# 1973
 Delta R.T. -0.00 min
 Lab File: BG044823.D
 Acq: 16 Mar 2020 21:36

Tgt Ion	164	Resp	311992
Ion Ratio	Lower	Upper	
164	100		
162	93.5	76.7	115.1
160	40.9	35.0	52.4





#42

2,4,6-Tribromophenol

Concen: 99.853 ng

RT: 16.17 min Scan# 2226

Delta R.T. -0.00 min

Lab File: BG044823.D

Acq: 16 Mar 2020 21:36

Instrument :

BNA_G

ClientSampleId :

TP-7-DA

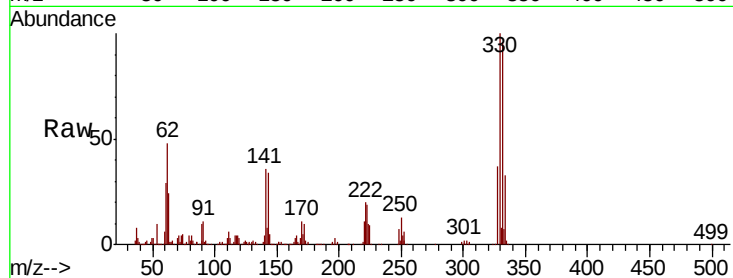
Tot Ion:330 Resp: 407905

Ion Ratio Lower Upper

330 100

332 95.7 77.8 116.6

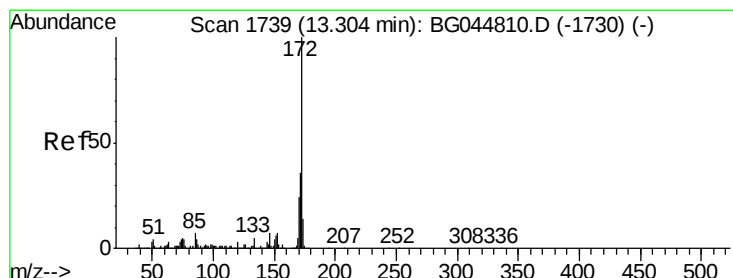
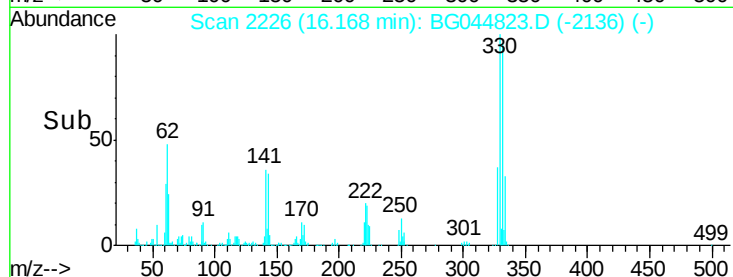
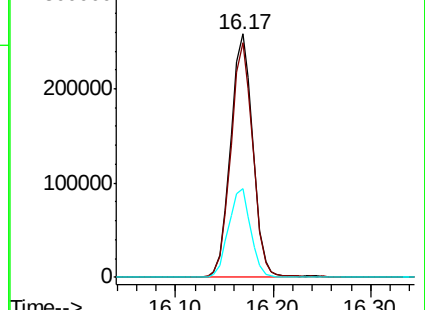
141 36.5 29.5 44.3



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: 63.621 ng

RT: 13.31 min Scan# 1739

Delta R.T. 0.00 min

Lab File: BG044823.D

Acq: 16 Mar 2020 21:36

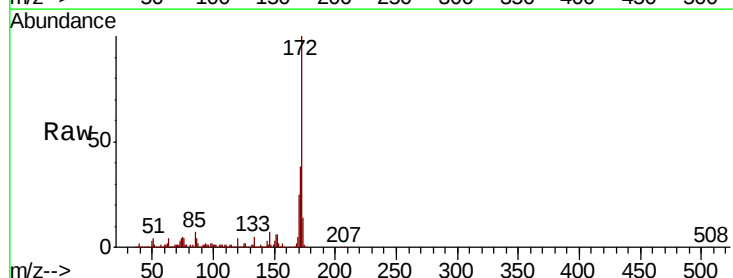
Tgt Ion:172 Resp: 1386098

Ion Ratio Lower Upper

172 100

171 38.3 28.7 43.1

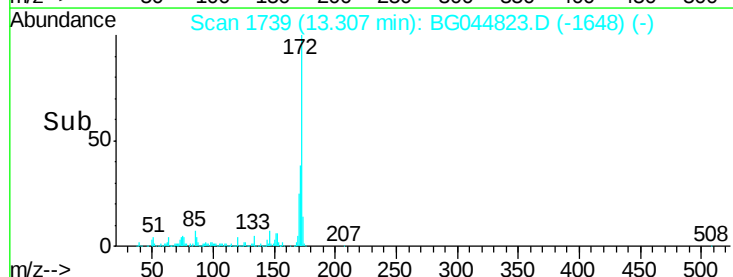
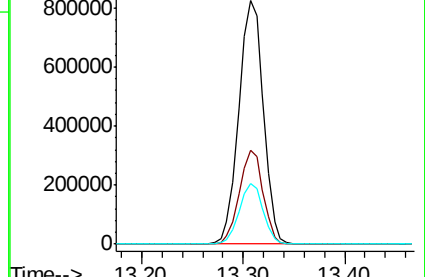
170 24.7 19.0 28.6

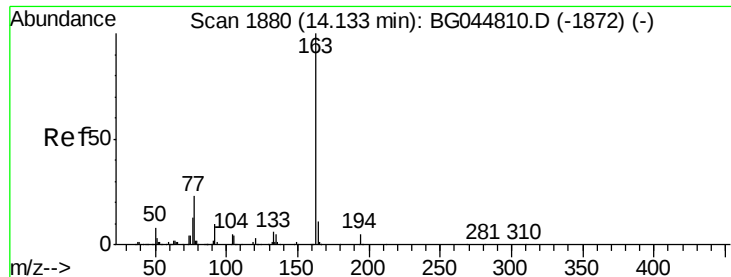


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

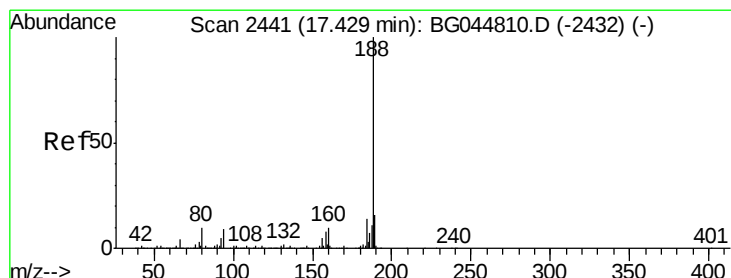
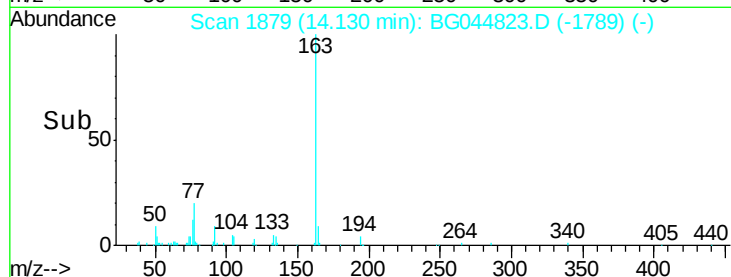
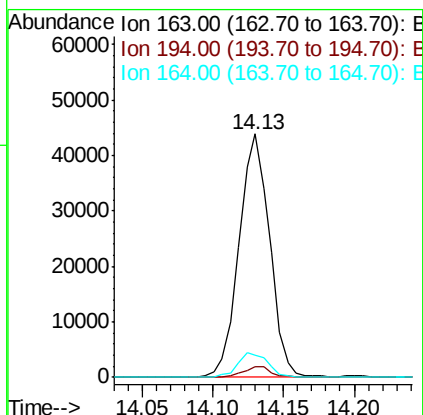
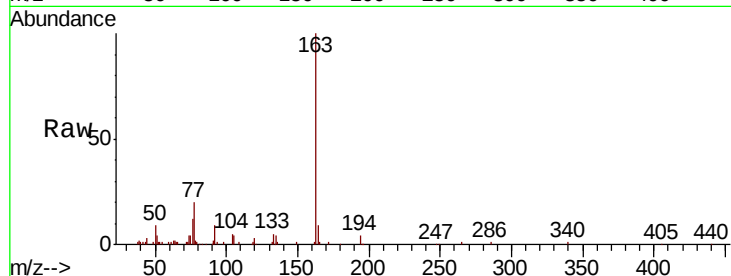




#50
Dimethylphthalate
Concen: 2.677 ng
RT: 14.13 min Scan# 1879
Delta R.T. -0.00 min
Lab File: BG044823.D
Acq: 16 Mar 2020 21:36

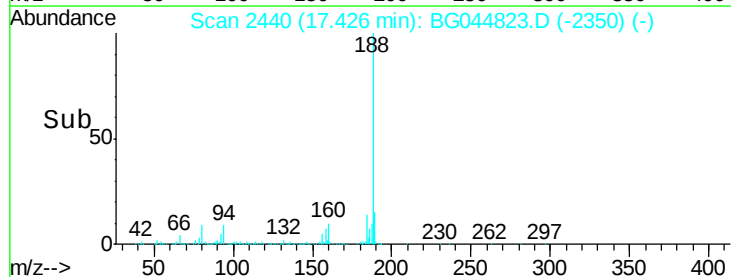
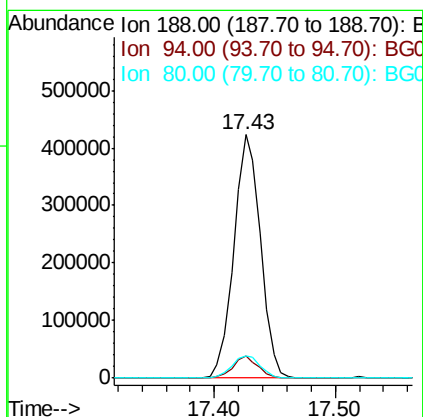
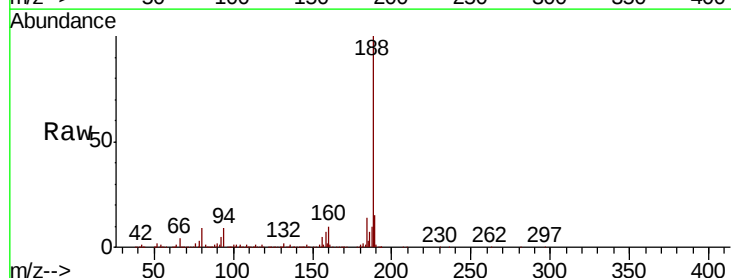
Instrument :
BNA_G
ClientSampleId :
TP-7-DA

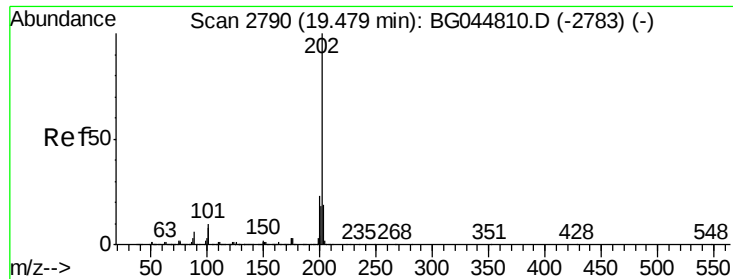
Tot Ion:163 Resp: 66513
Ion Ratio Lower Upper
163 100
194 4.5 3.7 5.5
164 9.1 9.1 13.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.43 min Scan# 2440
Delta R.T. -0.00 min
Lab File: BG044823.D
Acq: 16 Mar 2020 21:36

Tgt Ion:188 Resp: 650012
Ion Ratio Lower Upper
188 100
94 9.0 7.3 10.9
80 9.3 8.0 12.0





#75

Fluoranthene

Concen: 2.759 ng

RT: 19.48 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BG044823.D

Acq: 16 Mar 2020 21:36

Instrument :

BNA_G

ClientSampled :

TP-7-DA

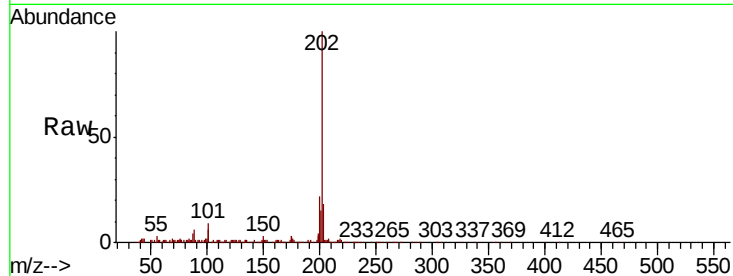
Tot Ion:202 Resp: 114093

Ion Ratio Lower Upper

202 100

101 9.2 0.0 29.8

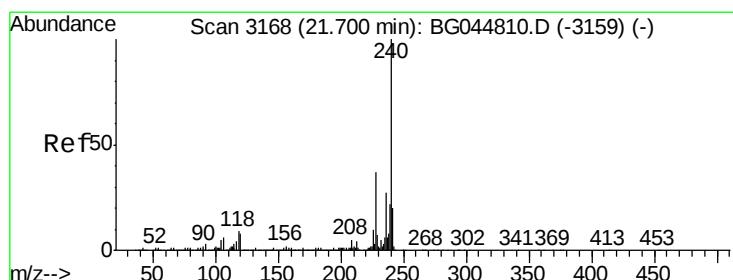
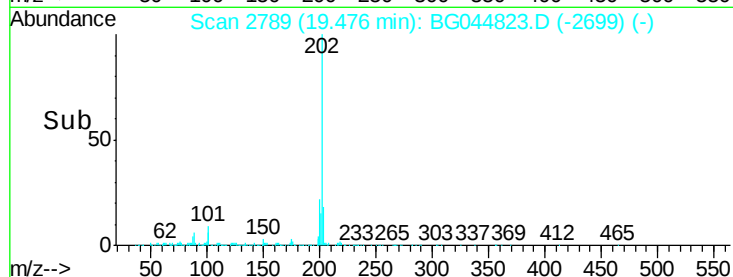
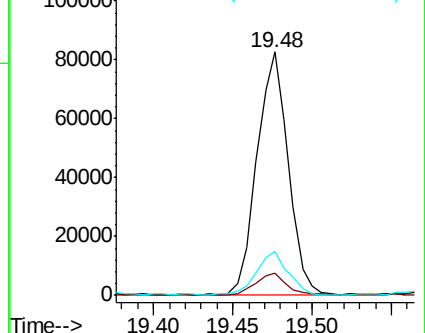
203 18.3 0.0 39.4



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# 3167

Delta R.T. -0.00 min

Lab File: BG044823.D

Acq: 16 Mar 2020 21:36

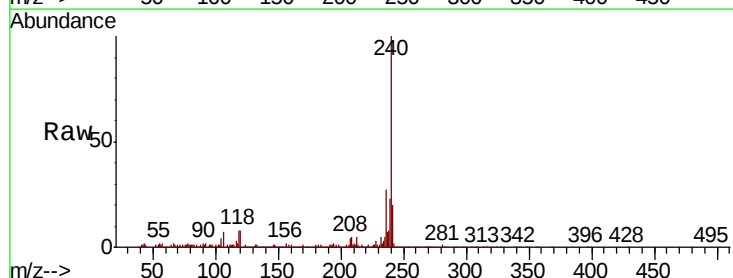
Tgt Ion:240 Resp: 505784

Ion Ratio Lower Upper

240 100

120 8.5 6.7 10.1

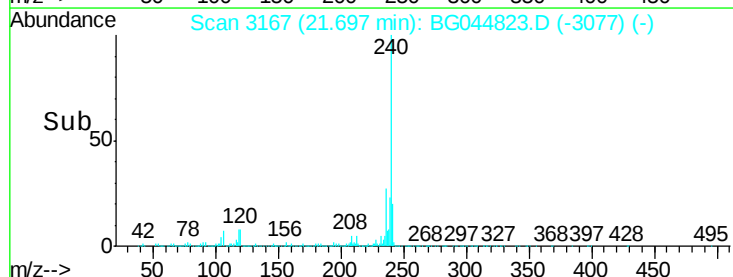
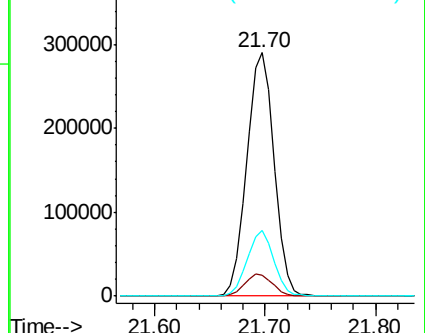
236 27.0 21.5 32.3

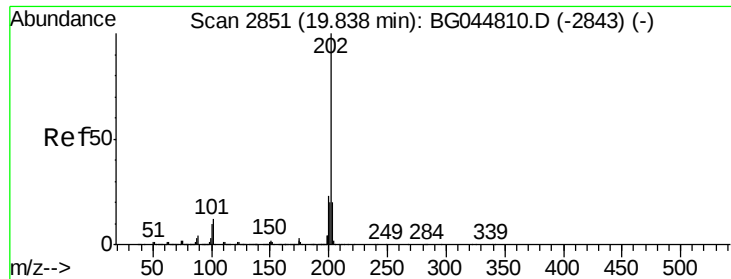


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Pvrene

Concen: 3.062 ng

RT: 19.83 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG044823.D

Acq: 16 Mar 2020 21:36

Instrument :

BNA_G

ClientSampleId :

TP-7-DA

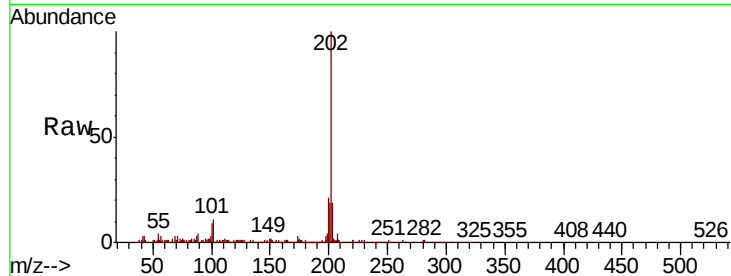
Tot Ion:202 Resp: 113609

Ion Ratio Lower Upper

202 100

200 21.3 18.3 27.5

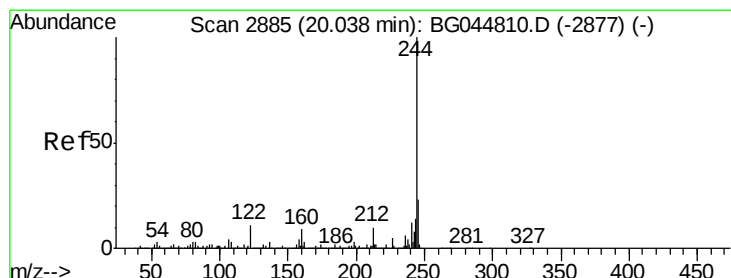
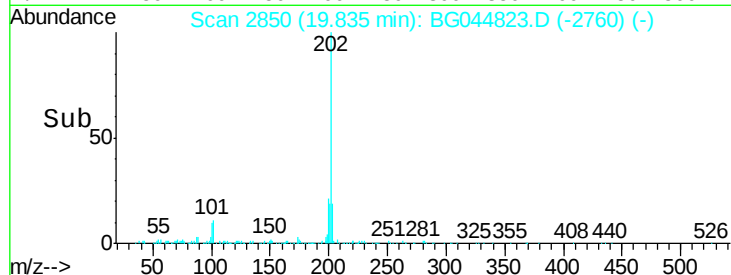
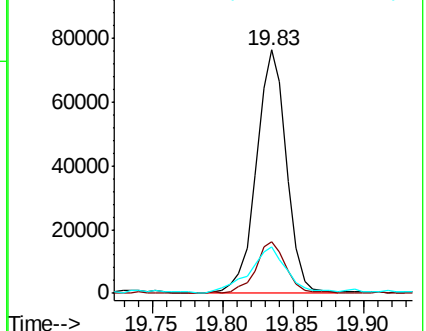
203 19.2 15.6 23.4



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: 62.767 ng

RT: 20.04 min Scan# 2885

Delta R.T. 0.00 min

Lab File: BG044823.D

Acq: 16 Mar 2020 21:36

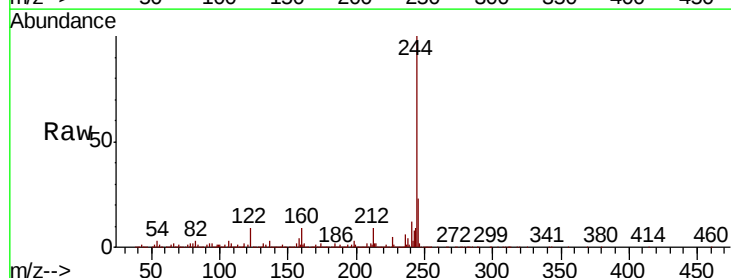
Tgt Ion:244 Resp: 1697181

Ion Ratio Lower Upper

244 100

212 9.0 7.7 11.5

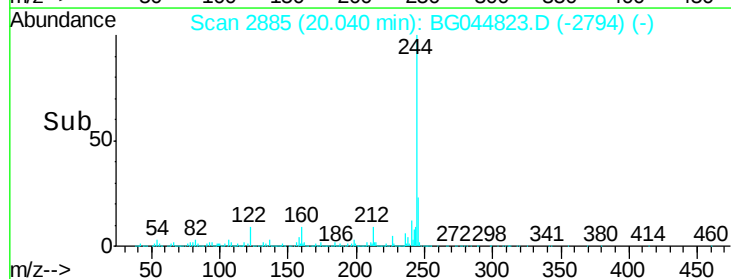
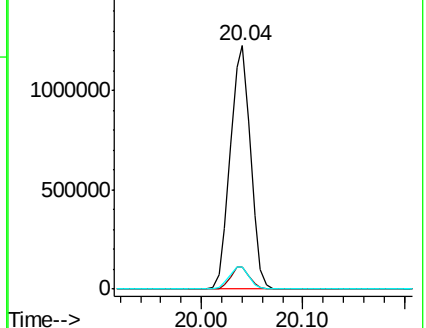
122 9.2 8.6 12.8

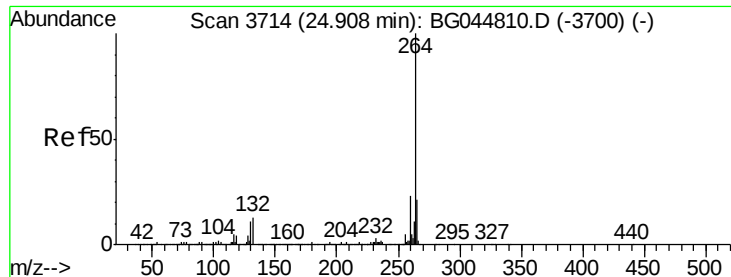


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.91 min Scan# 3714
Delta R.T. 0.00 min
Lab File: BG044823.D
Acq: 16 Mar 2020 21:36

Instrument :
BNA_G
ClientSampleId :
TP-7-DA

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.8	18.1	27.1
265	20.6	17.1	25.7

