

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
 Data File : BG042283.D
 Acq On : 17 Aug 2019 10:20
 Operator : HP/JU
 Sample : K4356-04
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-2

Quant Time: Aug 19 06:56:19 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 19 06:42:36 2019
 Response via : Initial Calibration

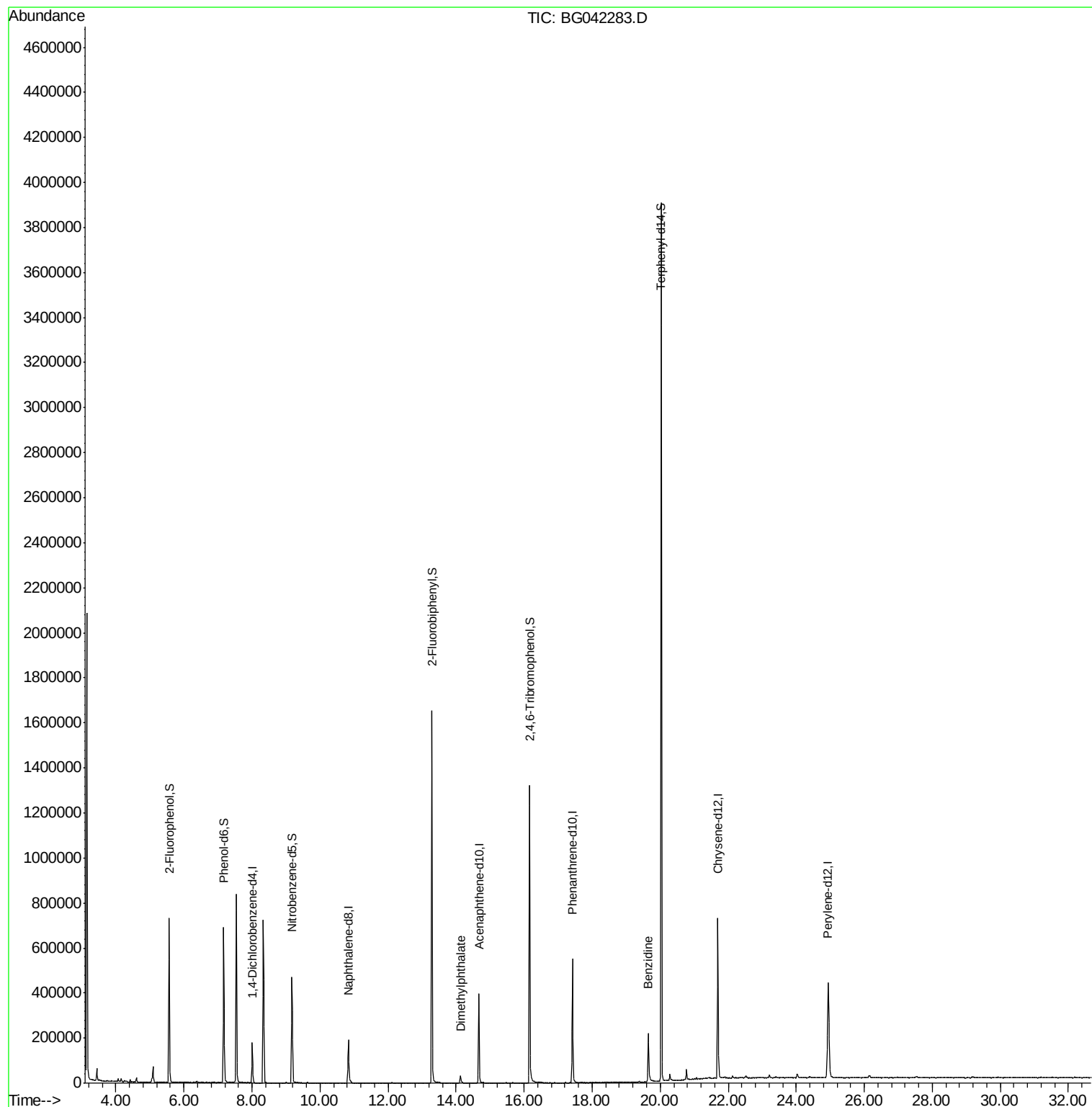
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	60834	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	228760	20.00	ng	0.00
39) Acenaphthene-d10	14.67	164	165620	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	405628	20.00	ng	0.00
76) Chrysene-d12	21.70	240	470016	20.00	ng	0.00
87) Perylene-d12	24.94	264	534593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	376203	120.32	ng	0.00
7) Phenol-d6	7.17	99	477032	113.17	ng	0.00
23) Nitrobenzene-d5	9.17	82	316428	95.19	ng	0.00
42) 2,4,6-Tribromophenol	16.16	330	326063	173.33	ng	0.00
45) 2-Fluorobiphenyl	13.29	172	965678	102.84	ng	0.00
79) Terphenyl-d14	20.03	244	1918185	93.39	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.13	163	38944	3.443	ng	Qvalue # 95
77) Benzidine	19.65	184	198231	12.921	ng	96

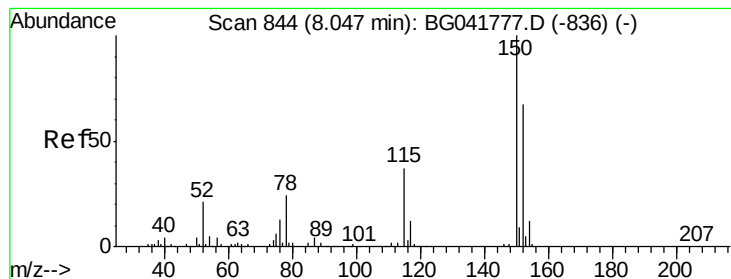
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
Data File : BG042283.D
Acq On : 17 Aug 2019 10:20
Operator : HP/JU
Sample : K4356-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-2

Quant Time: Aug 19 06:56:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:42:36 2019
Response via : Initial Calibration



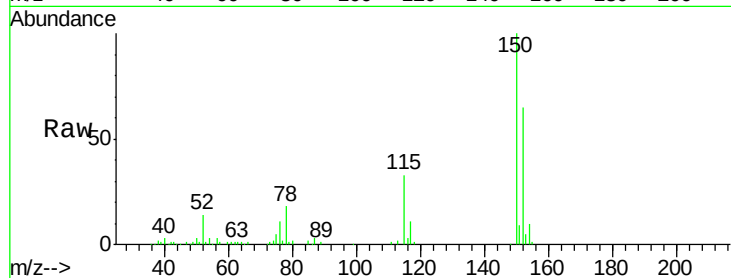


#1

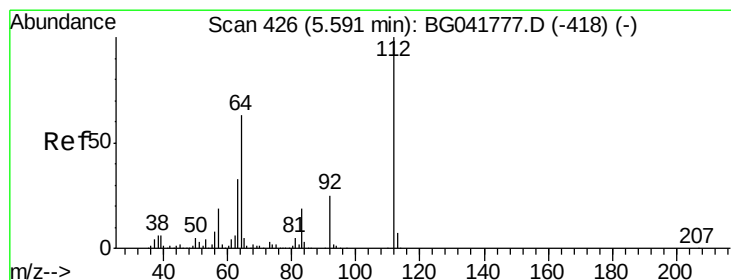
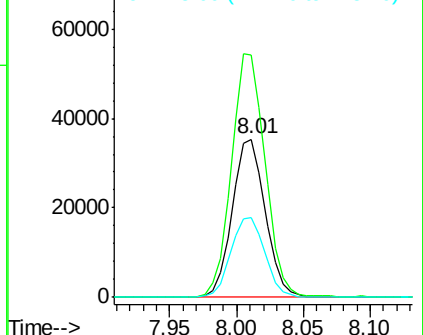
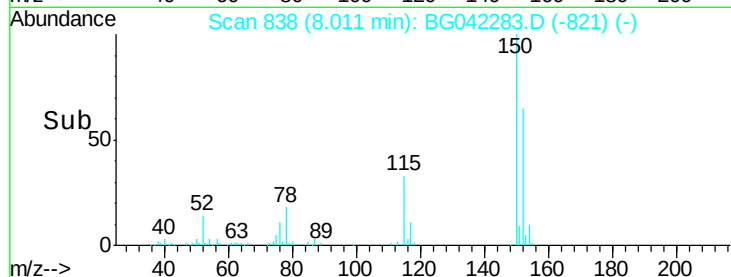
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. -0.00 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Instrument :
BNA_G
ClientSampled :
TP-2

Tot Ion:152 Resp: 60834
Ion Ratio Lower Upper
152 100
150 153.6 126.9 190.3
115 50.6 45.0 67.6



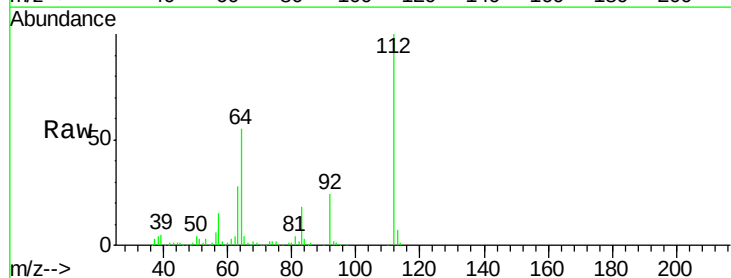
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



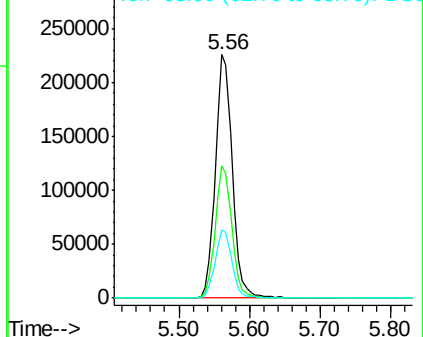
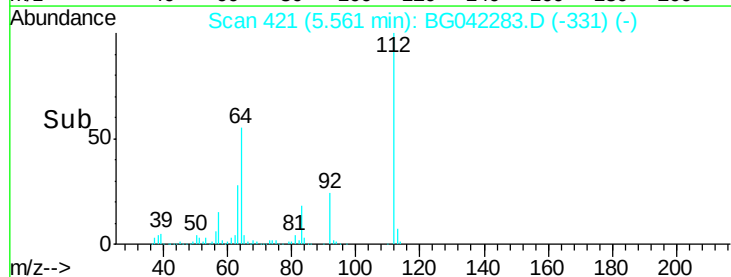
#5

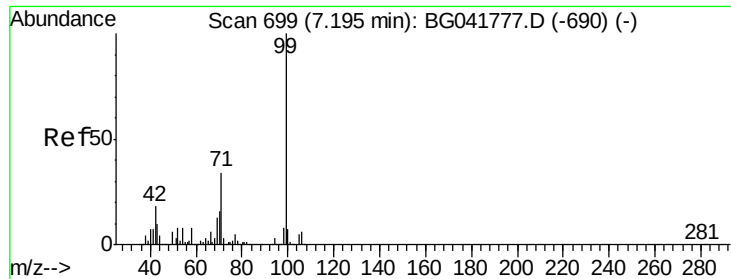
2-Fluorophenol
Concen: 120.319 ng
RT: 5.56 min Scan# 421
Delta R.T. -0.00 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Tgt Ion:112 Resp: 376203
Ion Ratio Lower Upper
112 100
64 54.5 55.4 83.2#
63 28.2 29.1 43.7#



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





#7

Phenol-d6

Concen: 113.166 ng

RT: 7.17 min Scan# 695

Delta R.T. 0.01 min

Lab File: BG042283.D

Acq: 17 Aug 2019 10:20

Instrument :

BNA_G

ClientSampleId :

TP-2

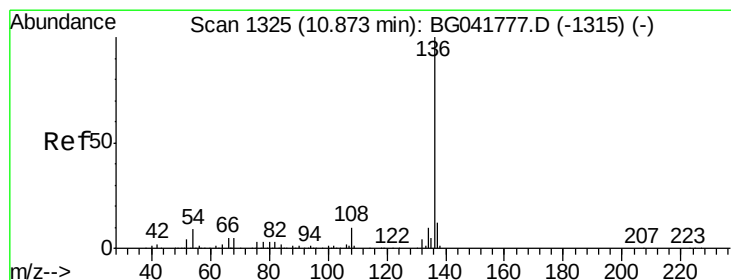
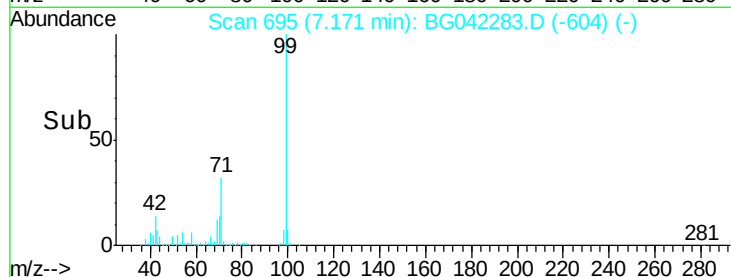
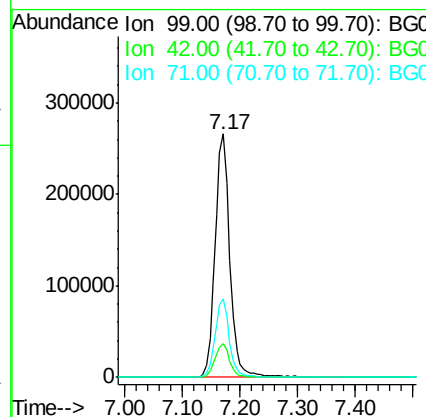
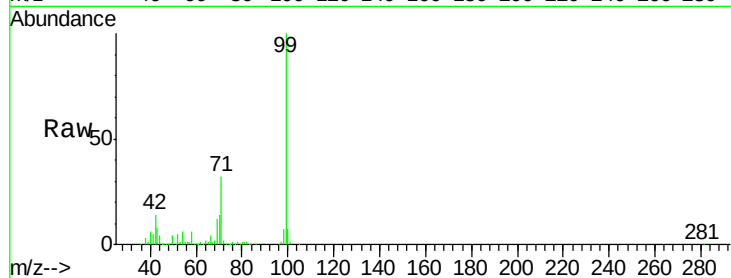
Tot Ion: 99 Resp: 477032

Ion Ratio Lower Upper

99 100

42 13.7 17.6 26.4#

71 32.0 27.8 41.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BG042283.D

Acq: 17 Aug 2019 10:20

Tgt Ion: 136 Resp: 228760

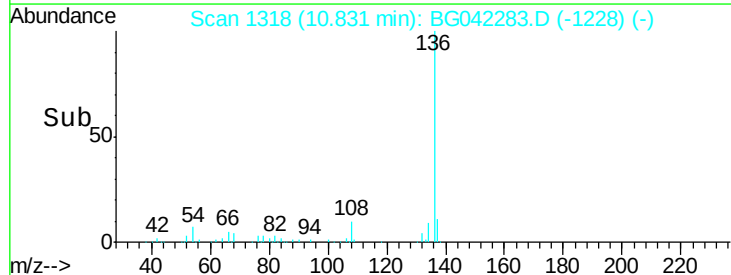
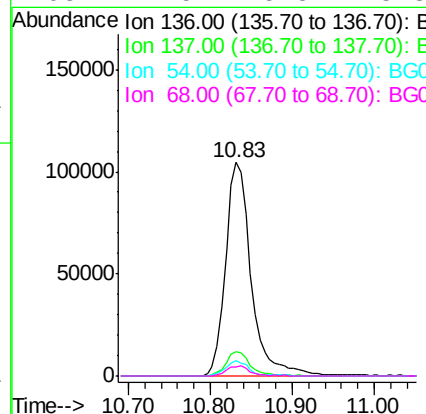
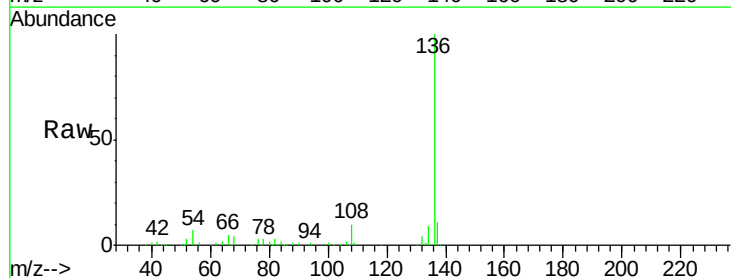
Ion Ratio Lower Upper

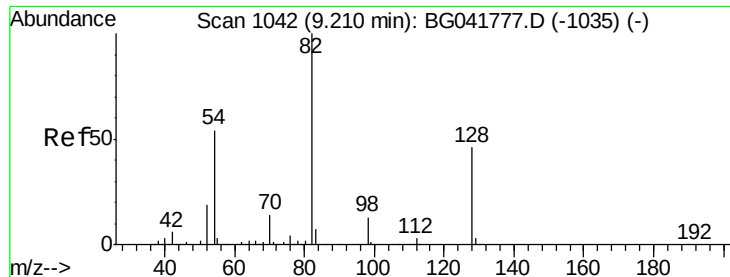
136 100

137 11.2 9.2 13.8

54 7.0 8.7 13.1#

68 4.5 5.5 8.3#

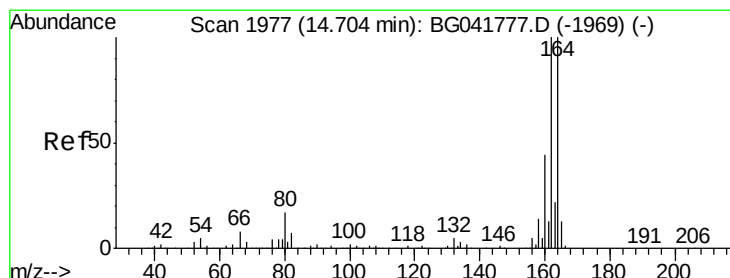
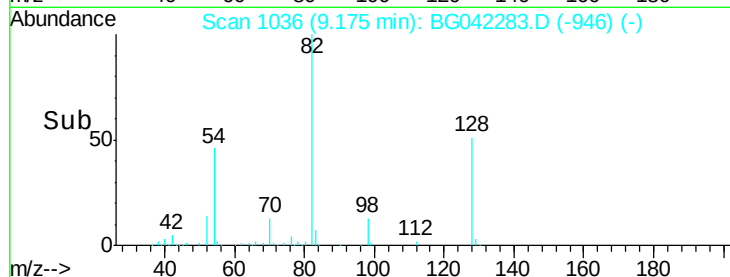
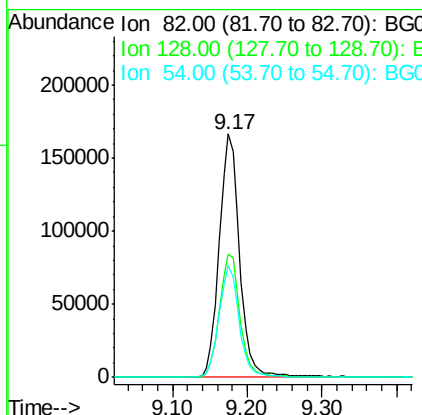
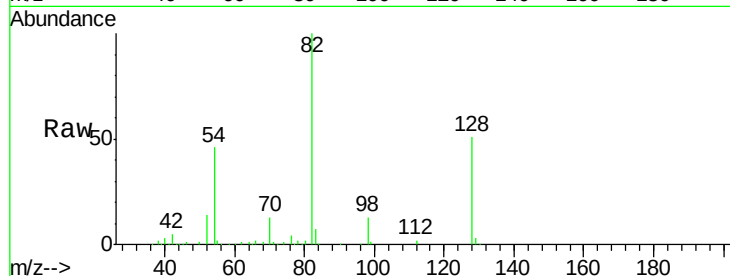




#23
 Nitrobenzene-d5
 Concen: 95.189 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG042283.D
 Acq: 17 Aug 2019 10:20

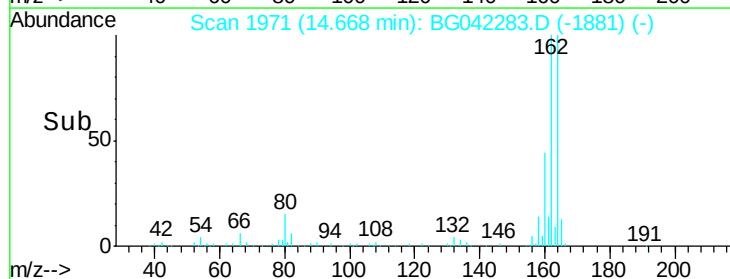
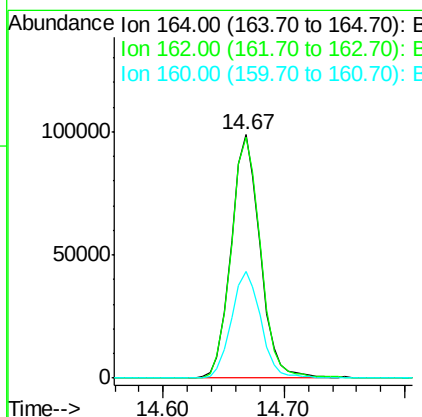
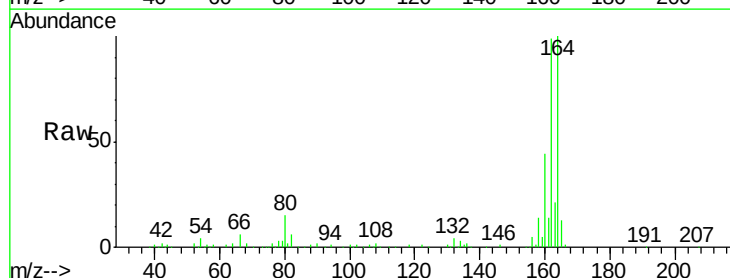
Instrument :
 BNA_G
 ClientSampled :
 TP-2

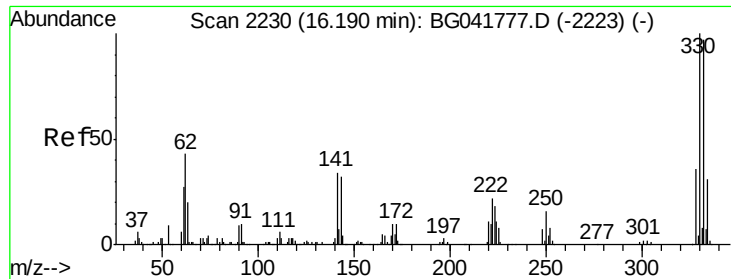
Tot Ion: 82 Resp: 316428
 Ion Ratio Lower Upper
 82 100
 128 50.9 35.1 52.7
 54 45.9 48.7 73.1#



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG042283.D
 Acq: 17 Aug 2019 10:20

Tgt Ion: 164 Resp: 165620
 Ion Ratio Lower Upper
 164 100
 162 99.0 79.6 119.4
 160 43.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 173.326 ng

RT: 16.16 min Scan# 2225

Delta R.T. -0.00 min

Lab File: BG042283.D

Acq: 17 Aug 2019 10:20

Instrument :

BNA_G

ClientSampled :

TP-2

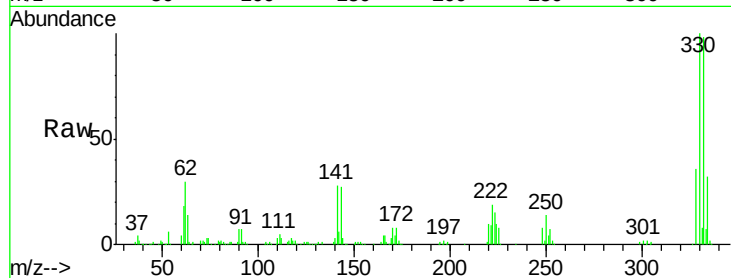
Tot Ion:330 Resp: 326063

Ion Ratio Lower Upper

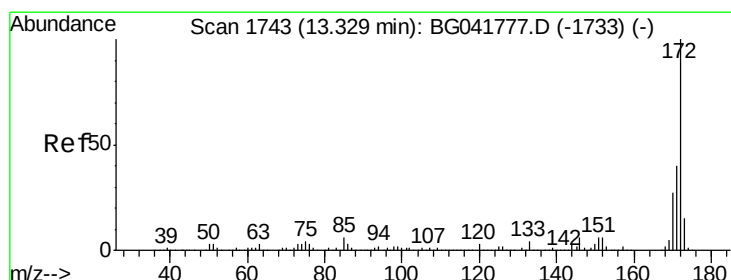
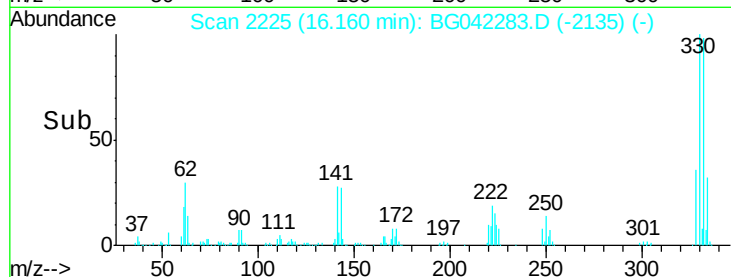
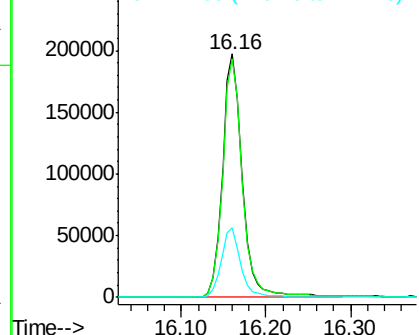
330 100

332 97.5 77.4 116.0

141 28.4 31.9 47.9#



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: 102.837 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.00 min

Lab File: BG042283.D

Acq: 17 Aug 2019 10:20

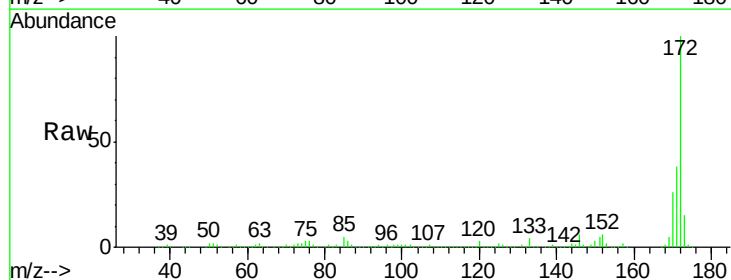
Tgt Ion:172 Resp: 965678

Ion Ratio Lower Upper

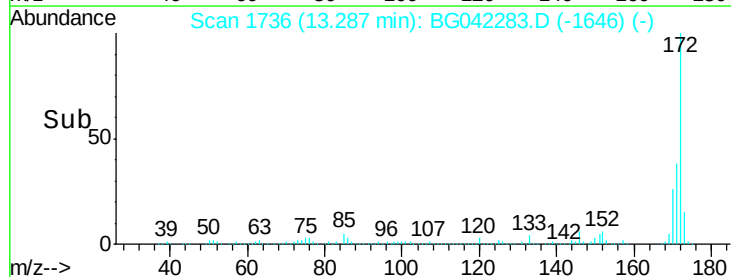
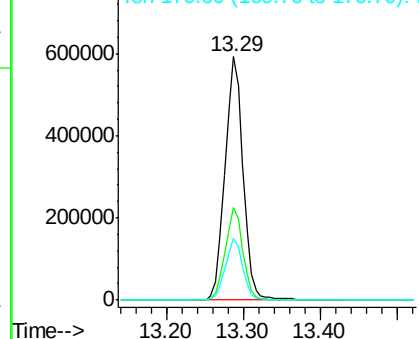
172 100

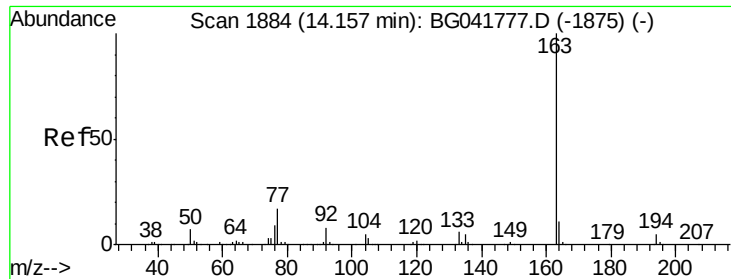
171 38.1 35.0 52.4

170 25.6 23.5 35.3



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

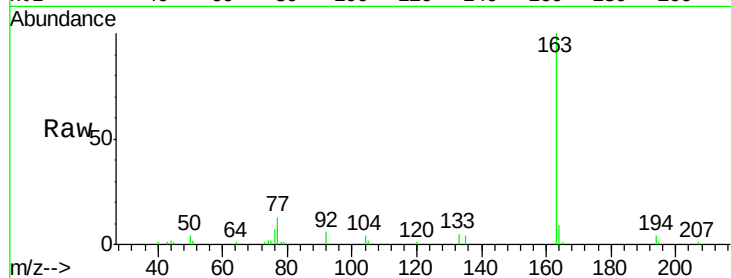




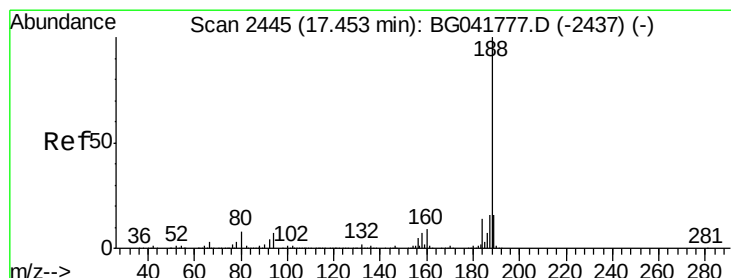
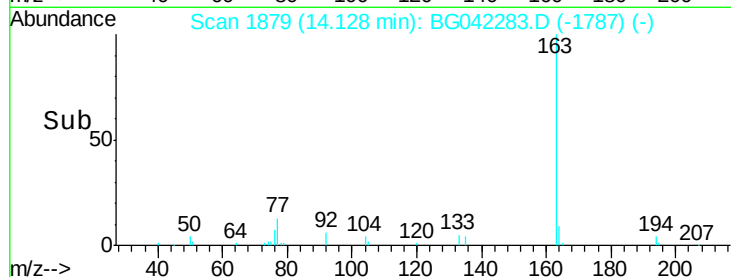
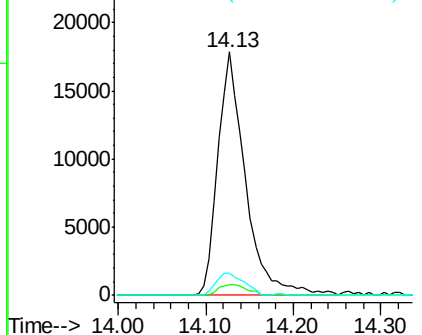
#50
Dimethylphthalate
Concen: 3.443 ng
RT: 14.13 min Scan# 1879
Delta R.T. 0.01 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Instrument :
BNA_G
ClientSampled :
TP-2

Tot Ion:163 Resp: 38944
Ion Ratio Lower Upper
163 100
194 5.2 4.2 6.2
164 8.9 9.4 14.2#

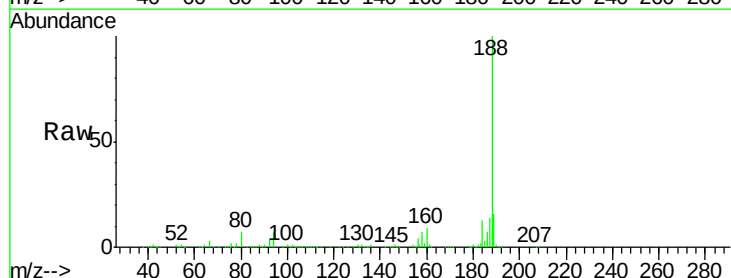


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

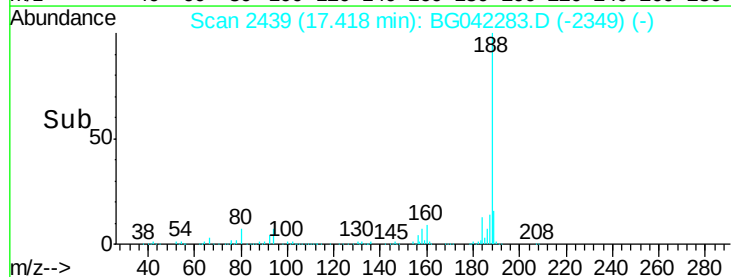
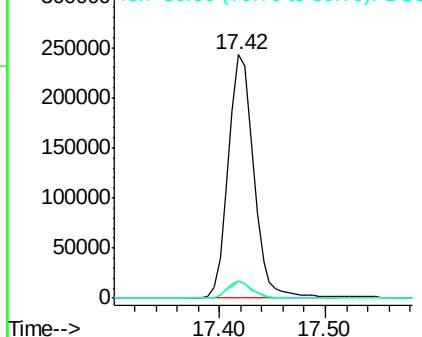


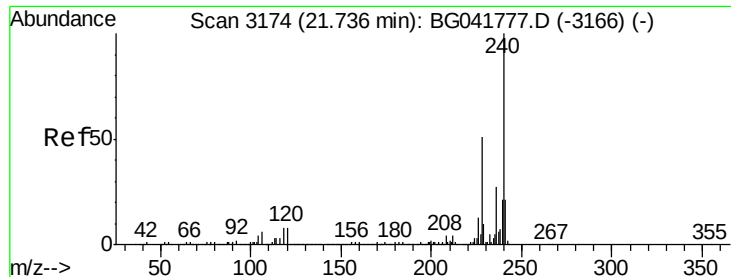
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.42 min Scan# 2439
Delta R.T. -0.00 min
Lab File: BG042283.D
Acq: 17 Aug 2019 10:20

Tgt Ion:188 Resp: 405628
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.1 8.0 12.0#



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.70 min Scan# 3167

Delta R.T. -0.01 min

Lab File: BG042283.D

Acq: 17 Aug 2019 10:20

Instrument :

BNA_G

ClientSampled :

TP-2

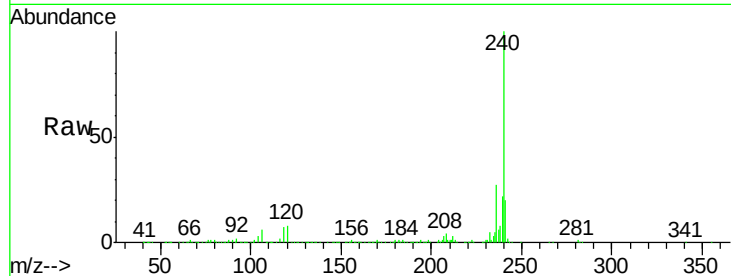
Tot Ion:240 Resp: 470016

Ion Ratio Lower Upper

240 100

120 8.0 8.0 12.0#

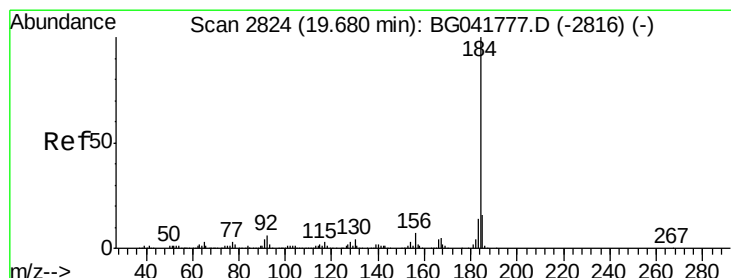
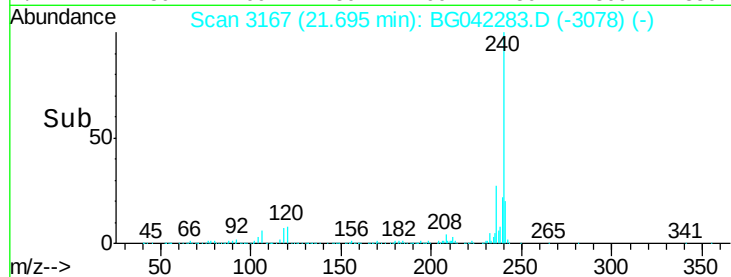
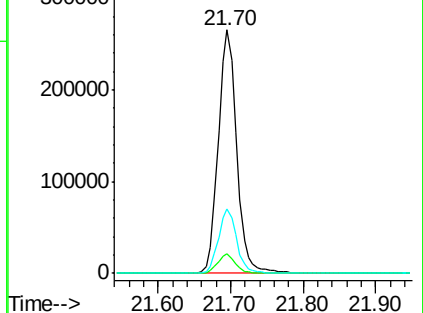
236 26.6 22.6 33.8



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



#77

Benzidine

Concen: 12.921 ng

RT: 19.65 min Scan# 2819

Delta R.T. -0.00 min

Lab File: BG042283.D

Acq: 17 Aug 2019 10:20

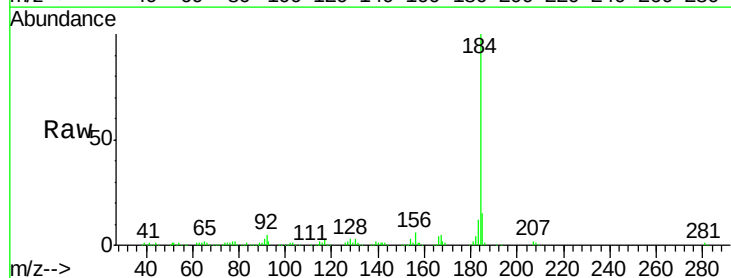
Tgt Ion:184 Resp: 198231

Ion Ratio Lower Upper

184 100

185 14.9 13.0 19.4

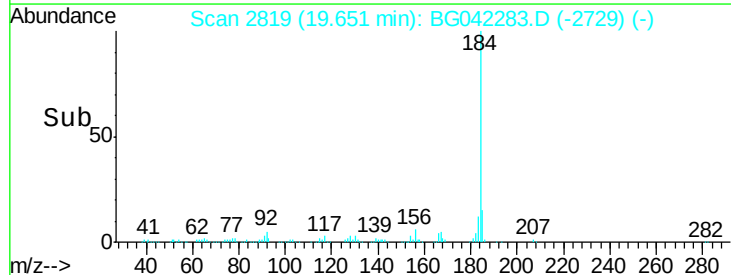
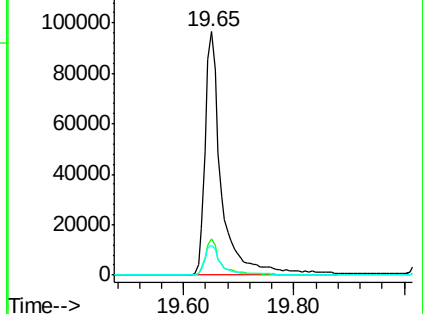
183 12.3 11.8 17.6

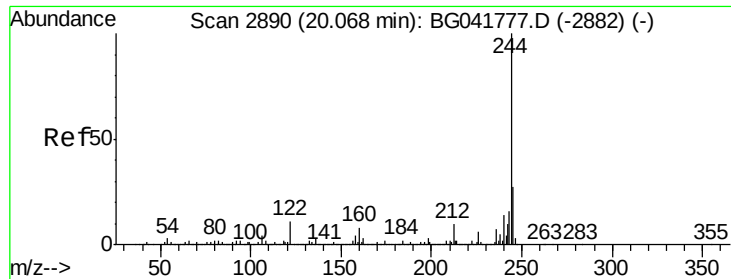


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#79

Terphenyl-d14

Concen: 93.386 ng

RT: 20.03 min Scan# 2884

Delta R.T. -0.00 min

Lab File: BG042283.D

Acq: 17 Aug 2019 10:20

Instrument :

BNA_G

ClientSampleId :

TP-2

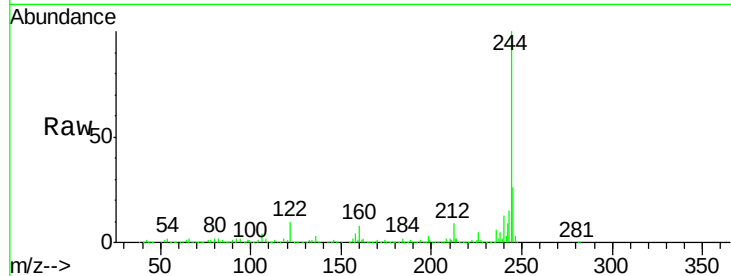
Tot Ion:244 Resp: 1918185

Ion Ratio Lower Upper

244 100

212 8.8 9.7 14.5#

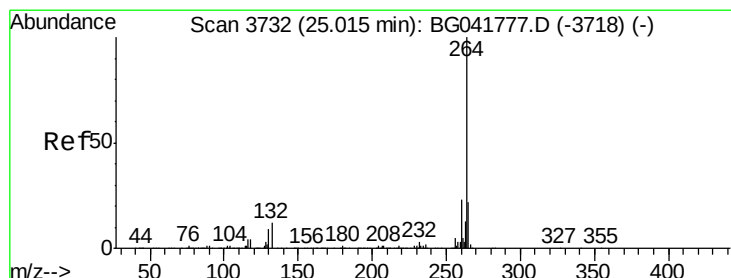
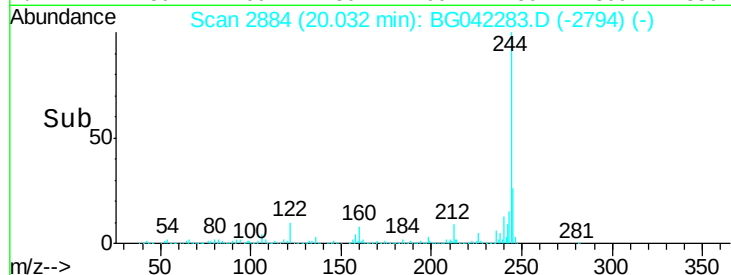
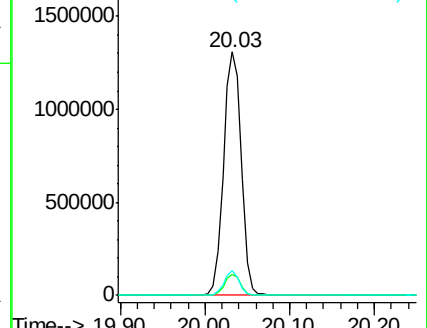
122 10.2 12.5 18.7#



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: 20.000 ng

RT: 24.94 min Scan# 3719

Delta R.T. -0.01 min

Lab File: BG042283.D

Acq: 17 Aug 2019 10:20

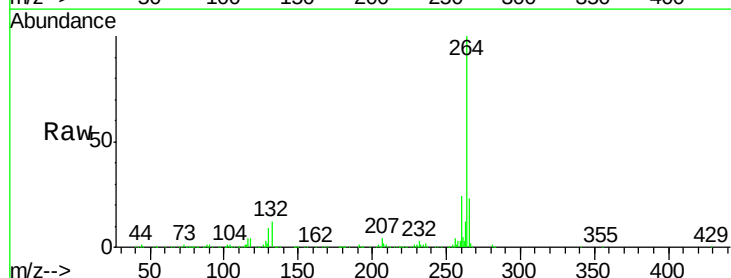
Tgt Ion:264 Resp: 534593

Ion Ratio Lower Upper

264 100

260 23.8 19.5 29.3

265 22.7 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

