

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG072319\
 Data File : BG041760.D
 Acq On : 23 Jul 2019 17:49
 Operator : HP/JU
 Sample : K3928-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TOTE-COMP

Quant Time: Jul 24 03:37:54 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 15 16:16:21 2019
 Response via : Initial Calibration

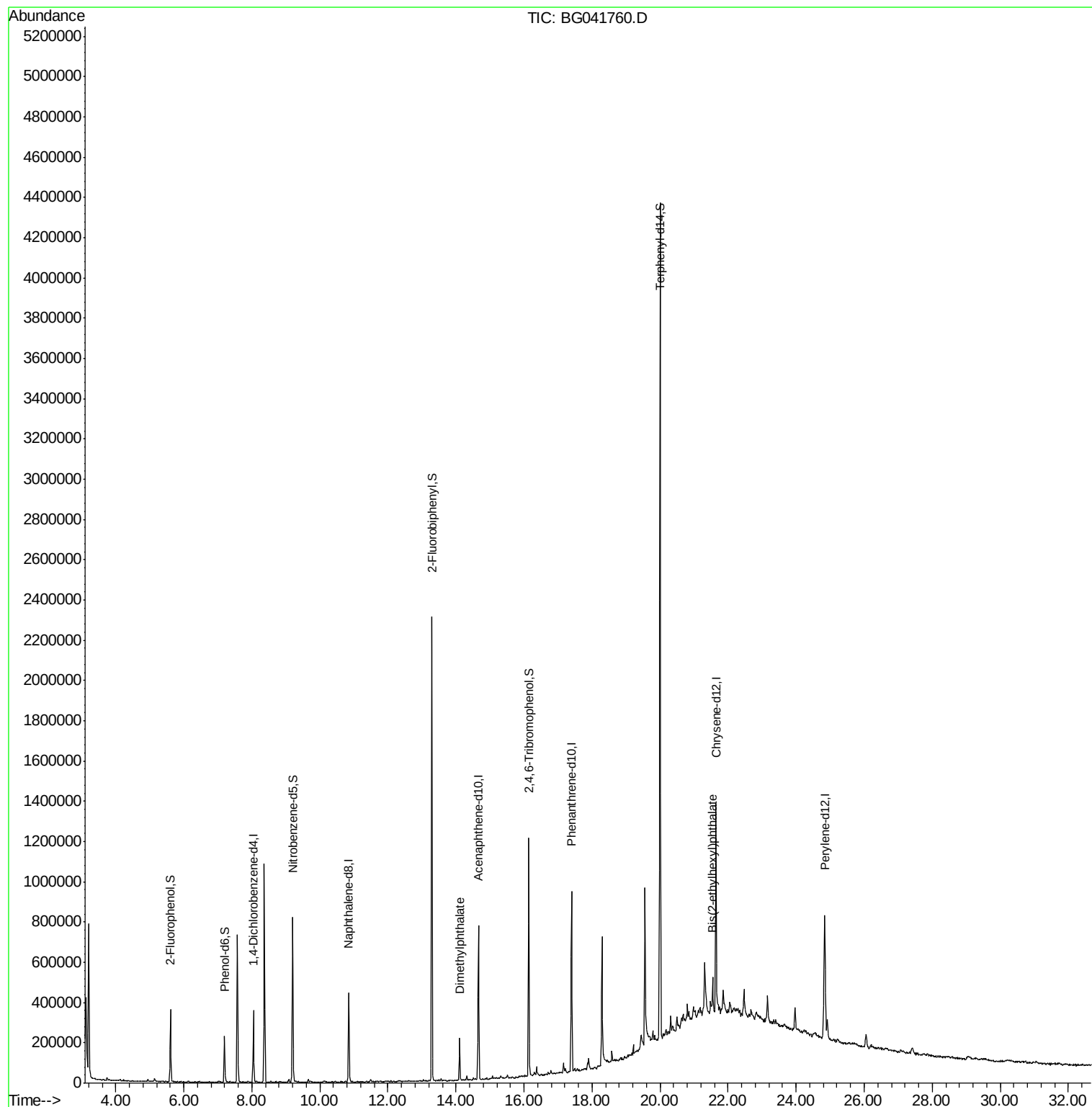
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	103425	20.00	ng	-0.01
21) Naphthalene-d8	10.85	136	403409	20.00	ng	-0.01
39) Acenaphthene-d10	14.66	164	275248	20.00	ng	-0.01
64) Phenanthrene-d10	17.40	188	589256	20.00	ng	-0.01
76) Chrysene-d12	21.65	240	625749	20.00	ng	-0.02
87) Perylene-d12	24.84	264	733976	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	161090	25.46	ng	0.00
7) Phenol-d6	7.19	99	134458	15.80	ng	-0.01
23) Nitrobenzene-d5	9.20	82	491150	74.04	ng	-0.01
42) 2,4,6-Tribromophenol	16.14	330	242343	78.12	ng	-0.01
45) 2-Fluorobiphenyl	13.29	172	1236478	69.56	ng	-0.01
79) Terphenyl-d14	20.00	244	1893860	70.73	ng	-0.01
Target Compounds						
50) Dimethylphthalate	14.11	163	147415	6.819	ng	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	64339	2.591	ng	# 97

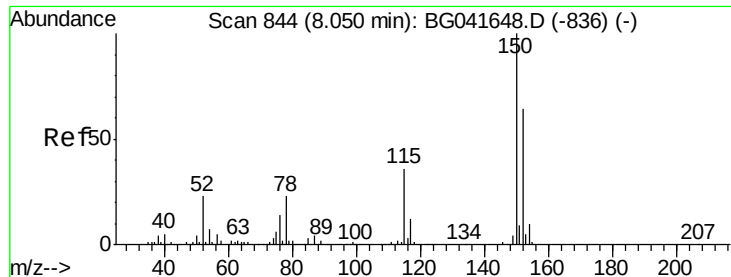
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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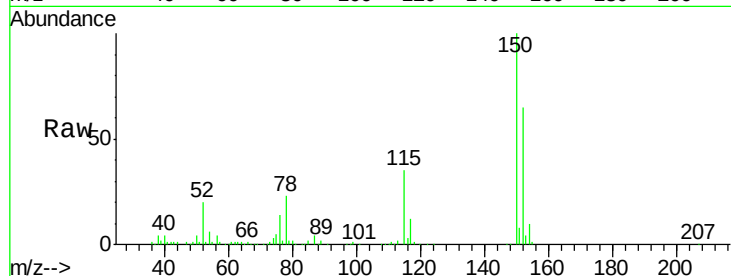


#1

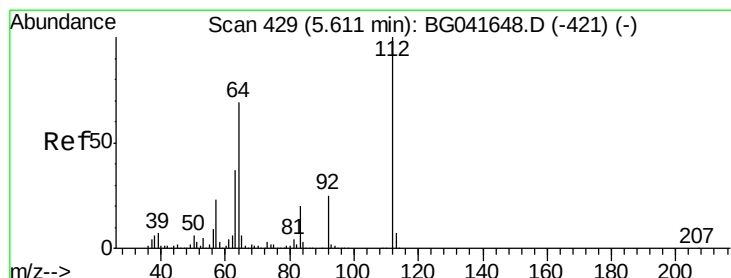
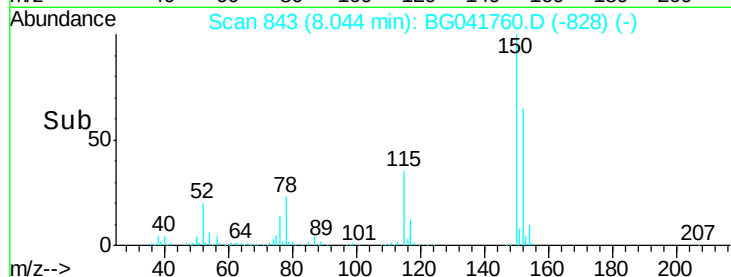
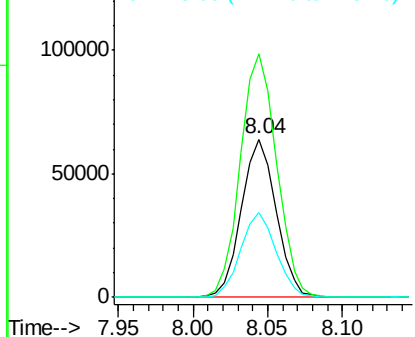
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.04 min Scan# 843
Delta R.T. -0.01 min
Lab File: BG041760.D
Acq: 23 Jul 2019 17:49

Instrument :
BNA_G
ClientSampleId :
TOTE-COMP

Tot Ion:152 Resp: 103425
Ion Ratio Lower Upper
152 100
150 153.7 126.9 190.3
115 53.3 45.0 67.6



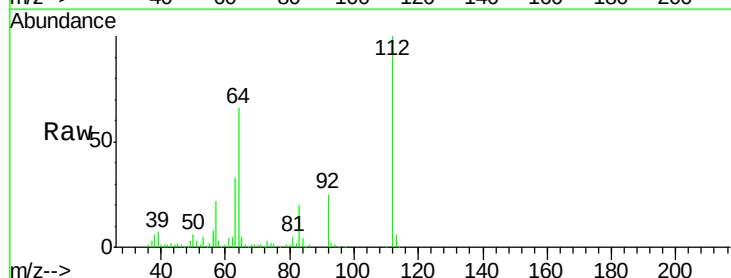
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



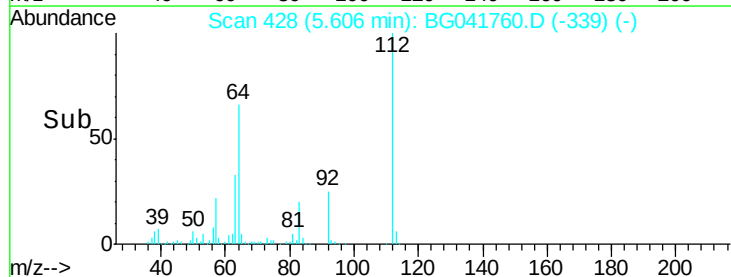
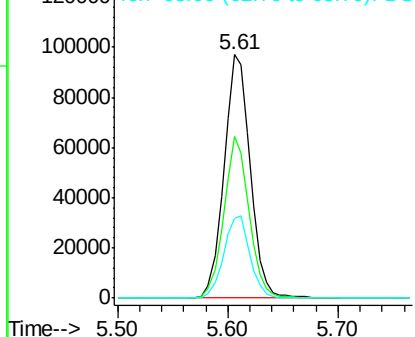
#5

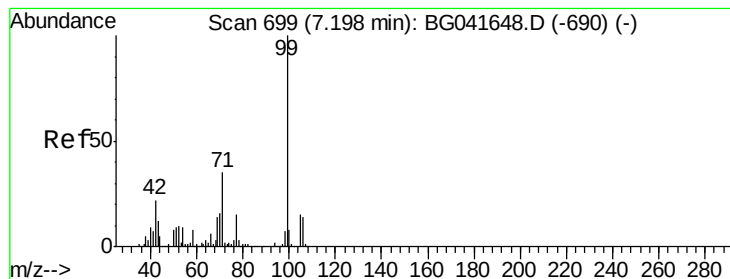
2-Fluorophenol
Concen: 25.462 ng
RT: 5.61 min Scan# 428
Delta R.T. -0.00 min
Lab File: BG041760.D
Acq: 23 Jul 2019 17:49

Tgt Ion:112 Resp: 161090
Ion Ratio Lower Upper
112 100
64 66.4 55.4 83.2
63 32.7 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: 15.801 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG041760.D

Acq: 23 Jul 2019 17:49

Instrument :

BNA_G

ClientSampleId :

TOTE-COMP

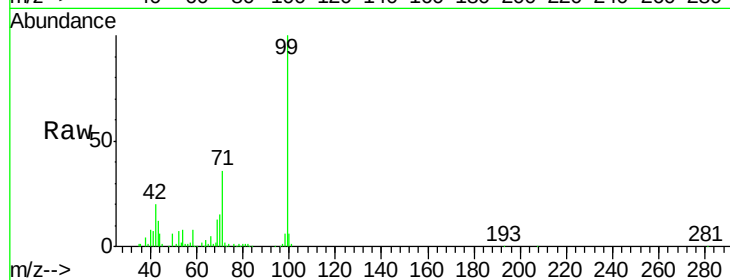
Tot Ion: 99 Resp: 134458

Ion Ratio Lower Upper

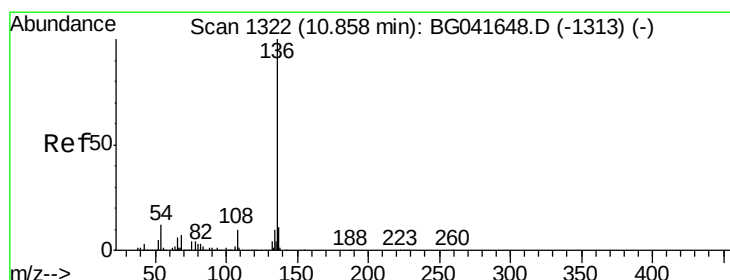
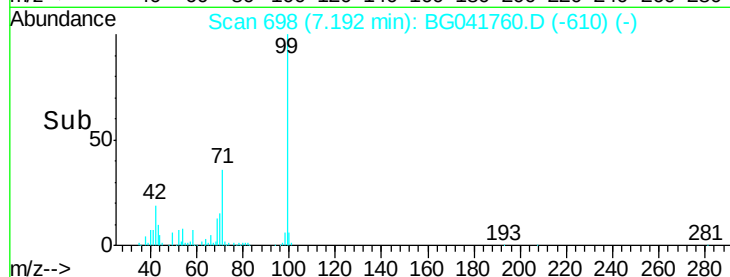
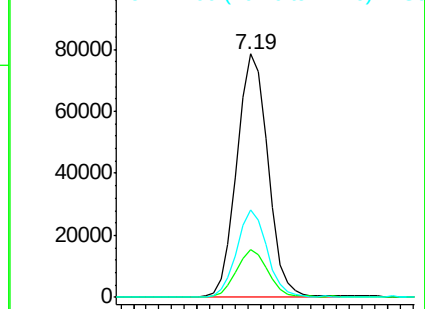
99 100

42 19.7 17.6 26.4

71 35.7 27.8 41.6



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: 10.85 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG041760.D

Acq: 23 Jul 2019 17:49

Tgt Ion: 136 Resp: 403409

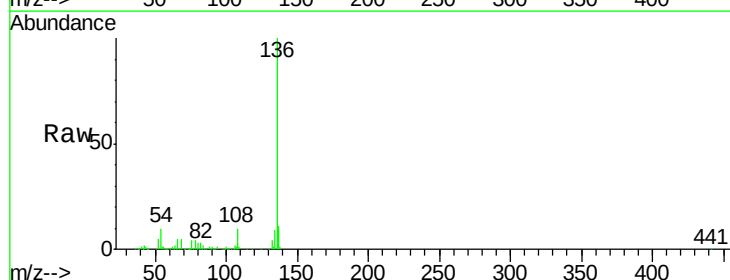
Ion Ratio Lower Upper

136 100

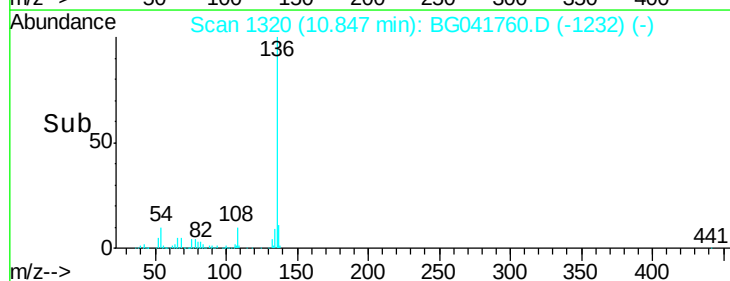
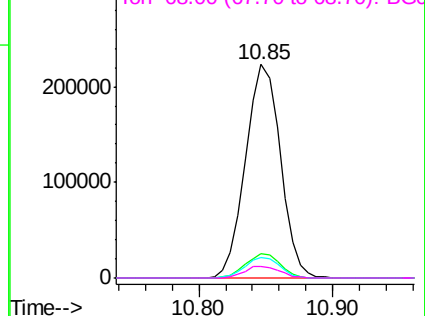
137 11.2 9.2 13.8

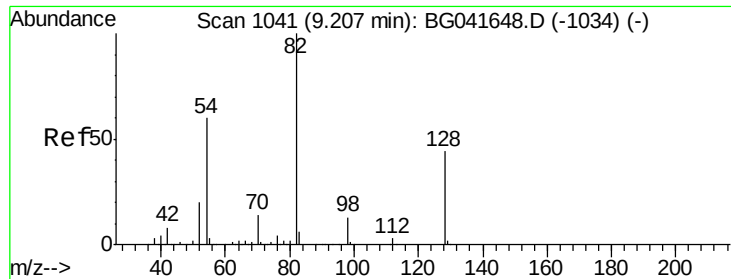
54 9.5 8.7 13.1

68 5.5 5.5 8.3#



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

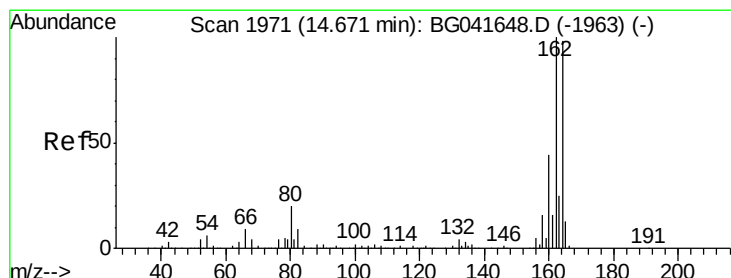
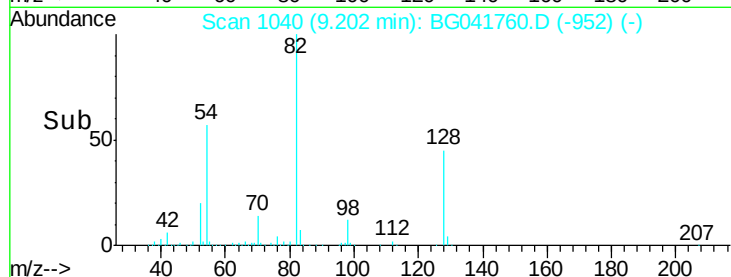
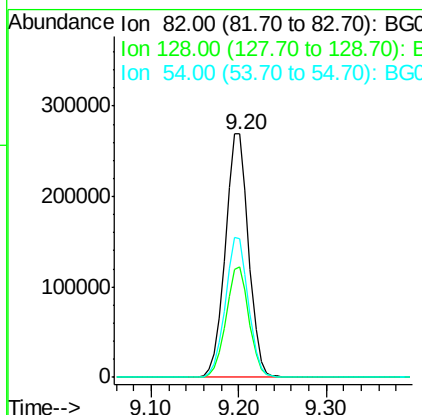
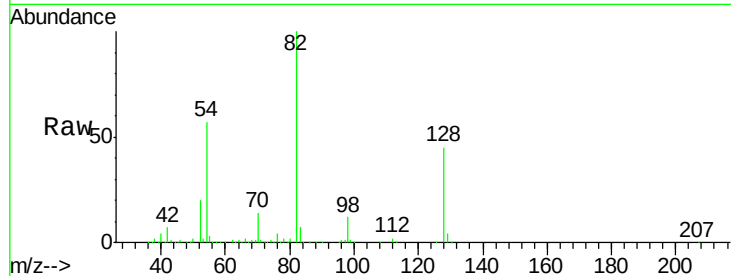




#23
 Nitrobenzene-d5
 Concen: 74.042 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG041760.D
 Acq: 23 Jul 2019 17:49

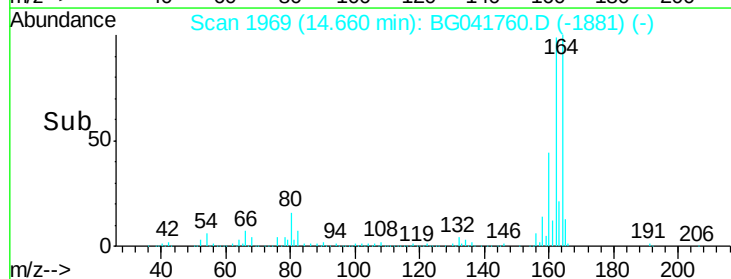
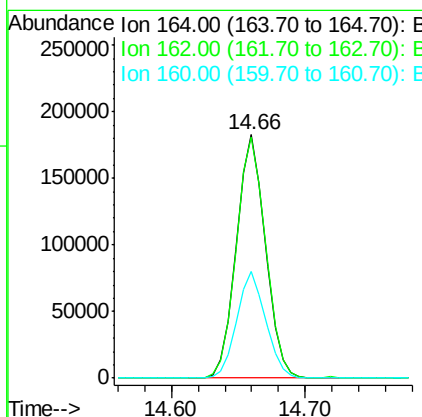
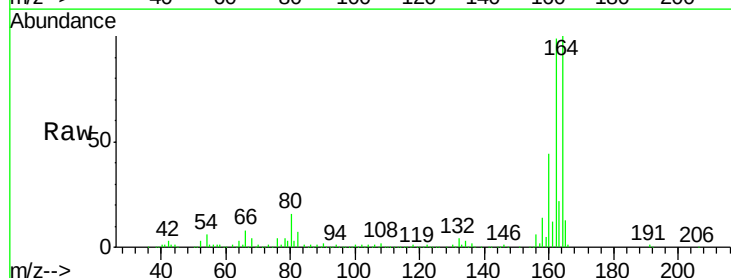
Instrument :
 BNA_G
 ClientSampleId :
 TOTE-COMP

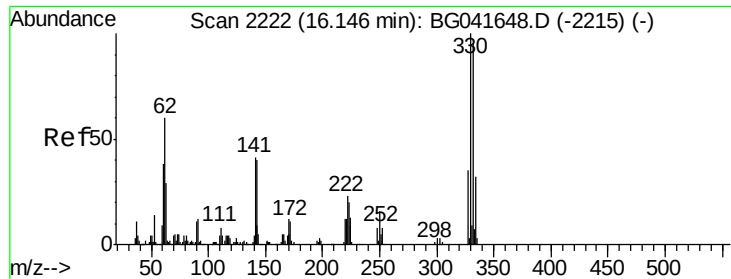
Tot Ion: 82 Resp: 491150
 Ion Ratio Lower Upper
 82 100
 128 45.3 35.1 52.7
 54 57.0 48.7 73.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.66 min Scan# 1969
 Delta R.T. -0.01 min
 Lab File: BG041760.D
 Acq: 23 Jul 2019 17:49

Tgt Ion: 164 Resp: 275248
 Ion Ratio Lower Upper
 164 100
 162 99.1 79.6 119.4
 160 43.7 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 78.125 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG041760.D

Acq: 23 Jul 2019 17:49

Instrument :

BNA_G

ClientSampleId :

TOTE-COMP

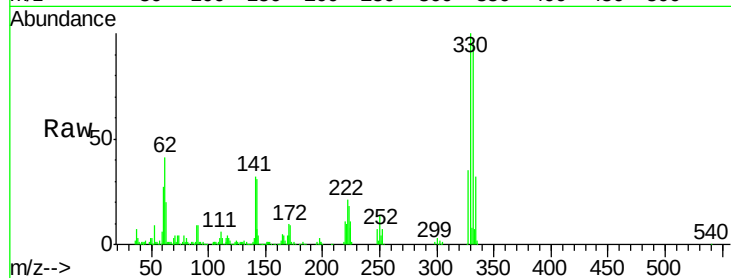
Tot Ion:330 Resp: 242343

Ion Ratio Lower Upper

330 100

332 95.5 77.4 116.0

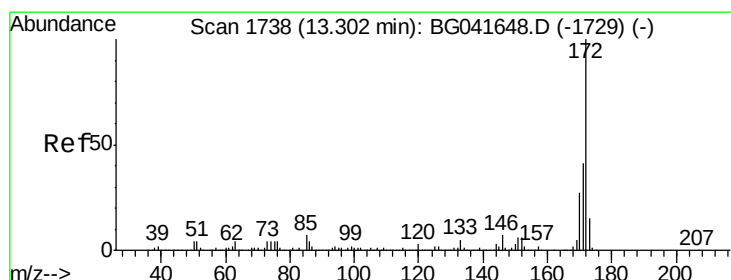
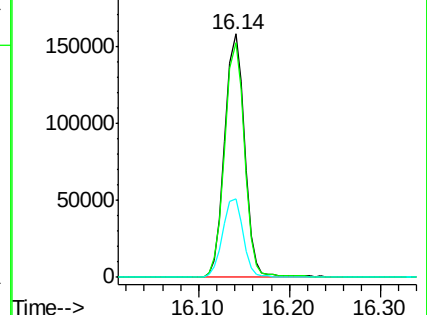
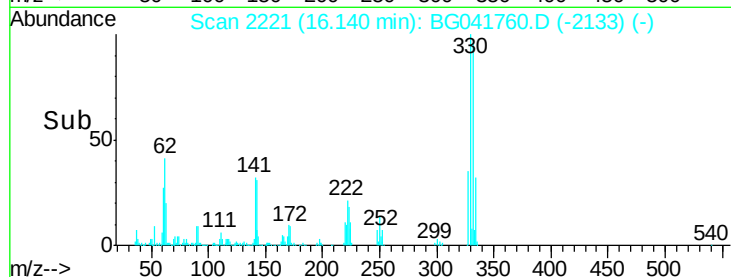
141 33.0 31.9 47.9



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: 69.562 ng

RT: 13.29 min Scan# 1736

Delta R.T. -0.01 min

Lab File: BG041760.D

Acq: 23 Jul 2019 17:49

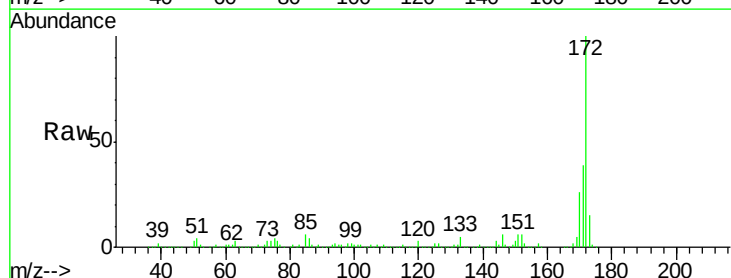
Tgt Ion:172 Resp: 1236478

Ion Ratio Lower Upper

172 100

171 39.2 35.0 52.4

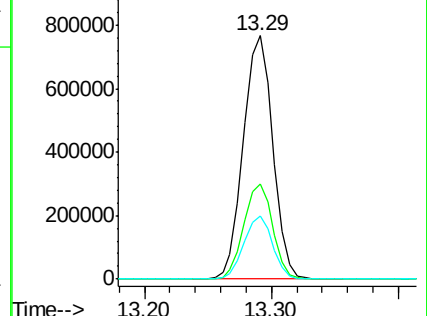
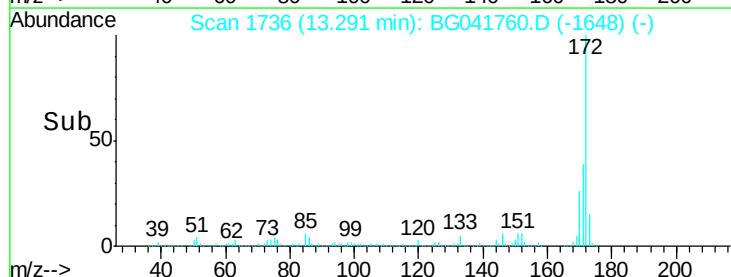
170 26.0 23.5 35.3

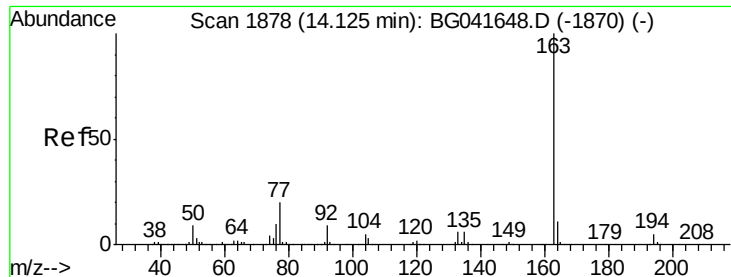


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 6.819 ng

RT: 14.11 min Scan# 1875

Delta R.T. -0.02 min

Lab File: BG041760.D

Acq: 23 Jul 2019 17:49

Instrument :

BNA_G

ClientSampleId :

TOTE-COMP

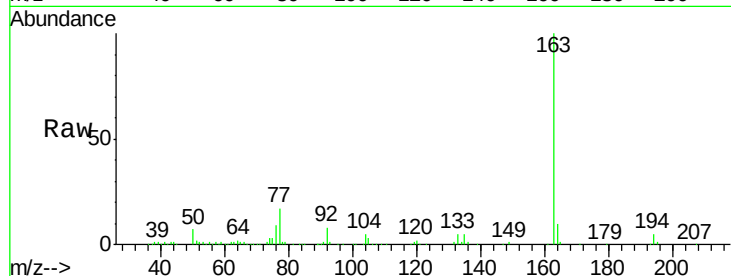
Tot Ion:163 Resp: 147415

Ion Ratio Lower Upper

163 100

194 4.9 4.2 6.2

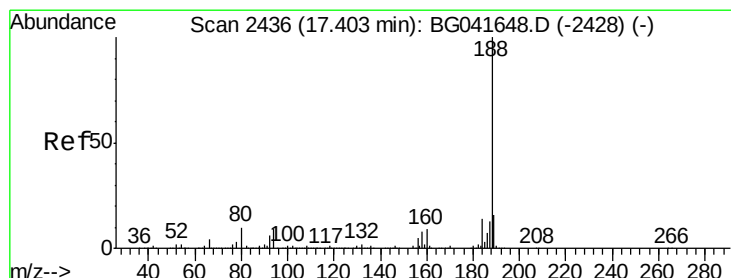
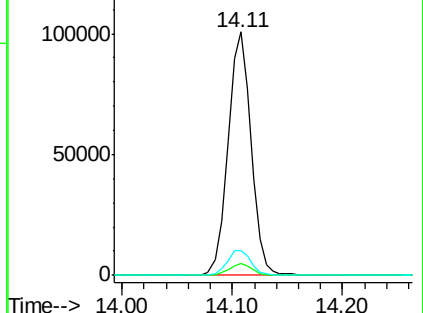
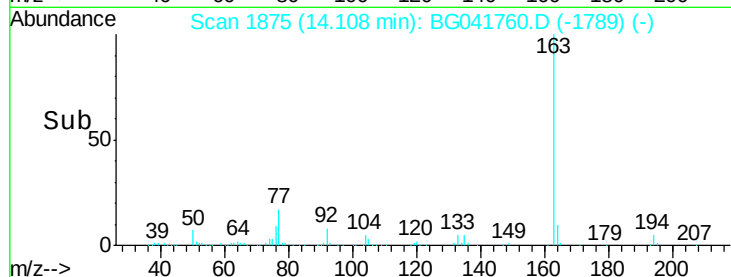
164 10.4 9.4 14.2



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: 17.40 min Scan# 2435

Delta R.T. -0.01 min

Lab File: BG041760.D

Acq: 23 Jul 2019 17:49

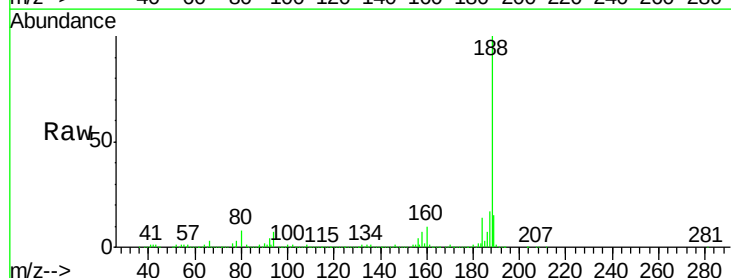
Tgt Ion:188 Resp: 589256

Ion Ratio Lower Upper

188 100

94 6.6 6.9 10.3#

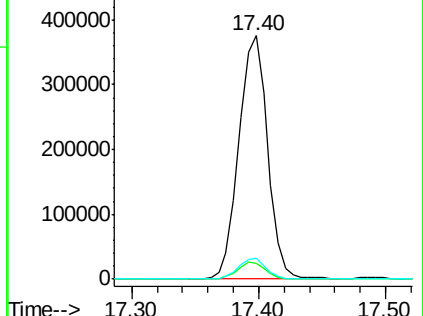
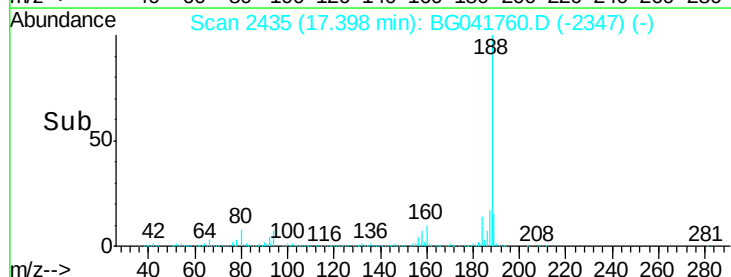
80 8.4 8.0 12.0

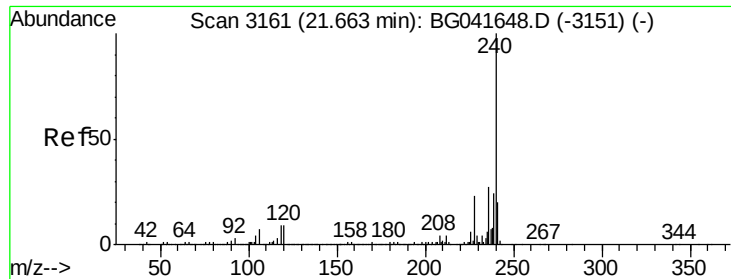


Abundance Ion 188.00 (187.70 to 188.70): E

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: 21.65 min Scan# 3158

Delta R.T. -0.02 min

Lab File: BG041760.D

Acq: 23 Jul 2019 17:49

Instrument :

BNA_G

ClientSampleId :

TOTE-COMP

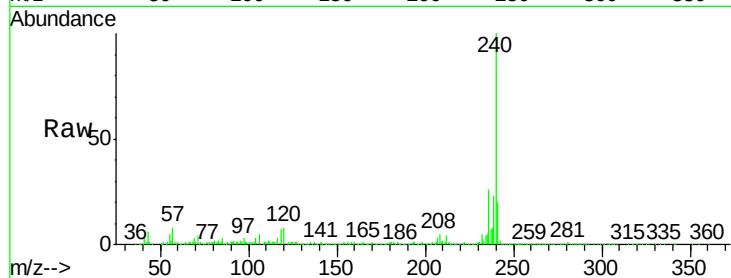
Tot Ion:240 Resp: 625749

Ion Ratio Lower Upper

240 100

120 7.7 8.0 12.0#

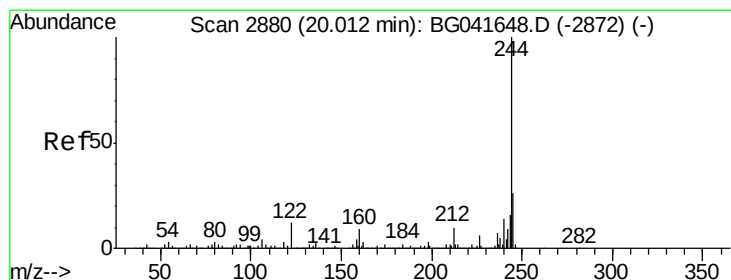
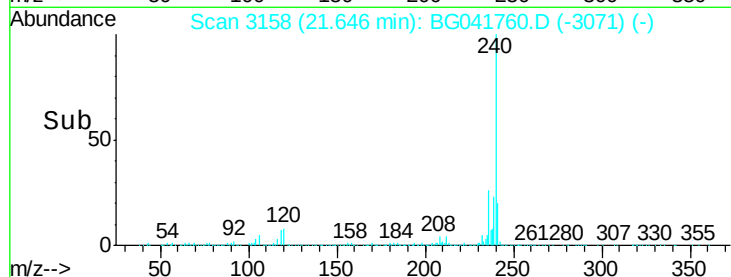
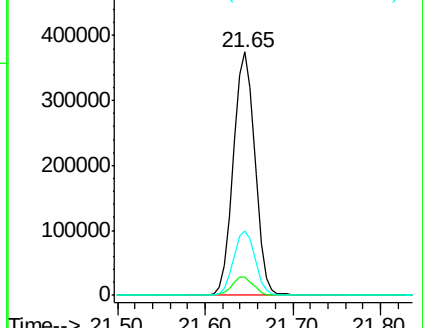
236 26.5 22.6 33.8



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



#79

Terphenyl-d14

Concen: 70.727 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.01 min

Lab File: BG041760.D

Acq: 23 Jul 2019 17:49

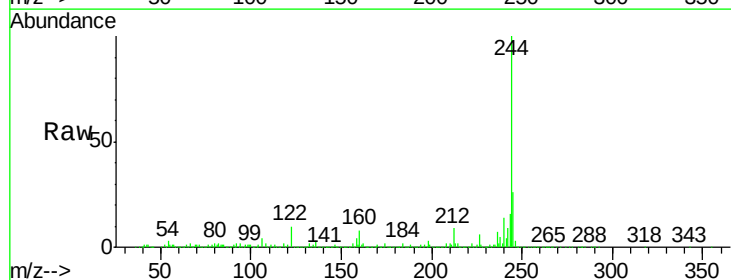
Tgt Ion:244 Resp: 1893860

Ion Ratio Lower Upper

244 100

212 9.4 9.7 14.5#

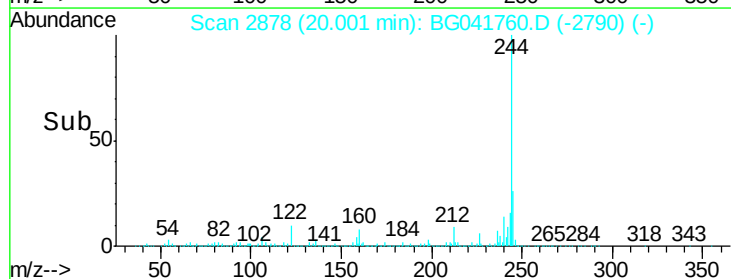
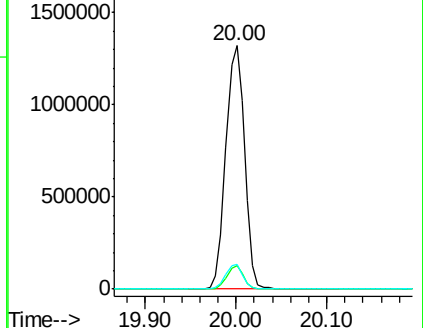
122 10.2 12.5 18.7#

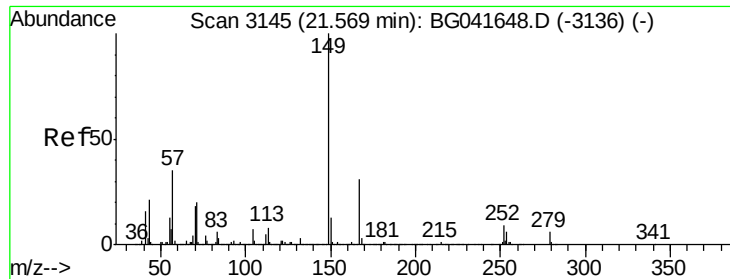


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.591 ng

RT: 21.55 min Scan# 3141

Delta R.T. -0.03 min

Lab File: BG041760.D

Acq: 23 Jul 2019 17:49

Instrument :

BNA_G

ClientSampleId :

TOTE-COMP

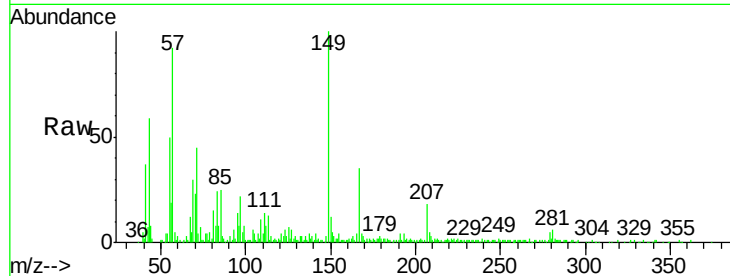
Tot Ion:149 Resp: 64339

Ion Ratio Lower Upper

149 100

167 35.1 27.0 40.4

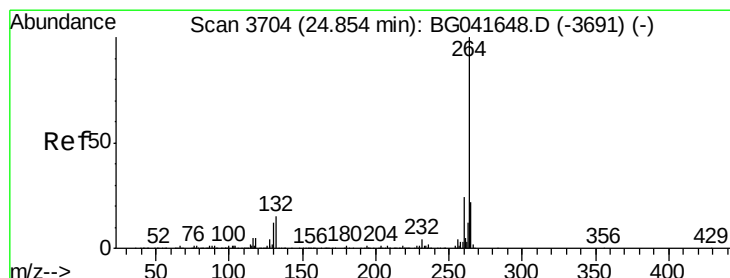
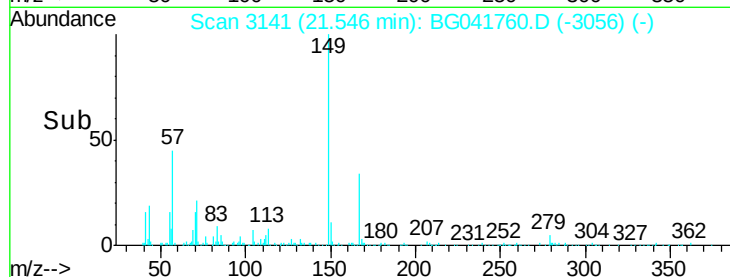
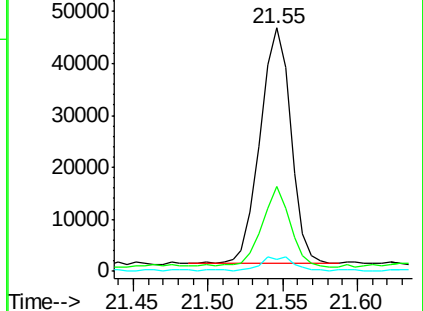
279 4.9 5.0 7.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.84 min Scan# 3701

Delta R.T. -0.03 min

Lab File: BG041760.D

Acq: 23 Jul 2019 17:49

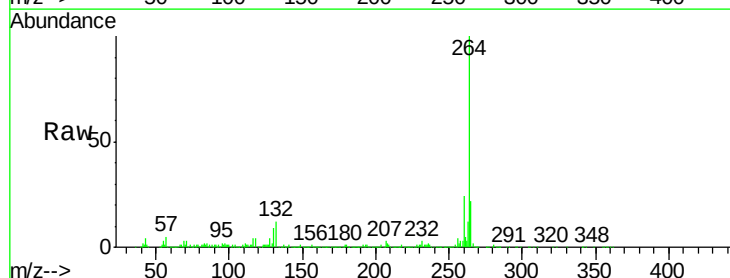
Tgt Ion:264 Resp: 733976

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 22.4 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

