

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
 Data File : BG046209.D
 Acq On : 10 Aug 2020 16:42
 Operator : CG/JU
 Sample : L3607-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ES-TOTE-COMP

Quant Time: Aug 10 17:26:20 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG073020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 30 18:43:49 2020
 Response via : Initial Calibration

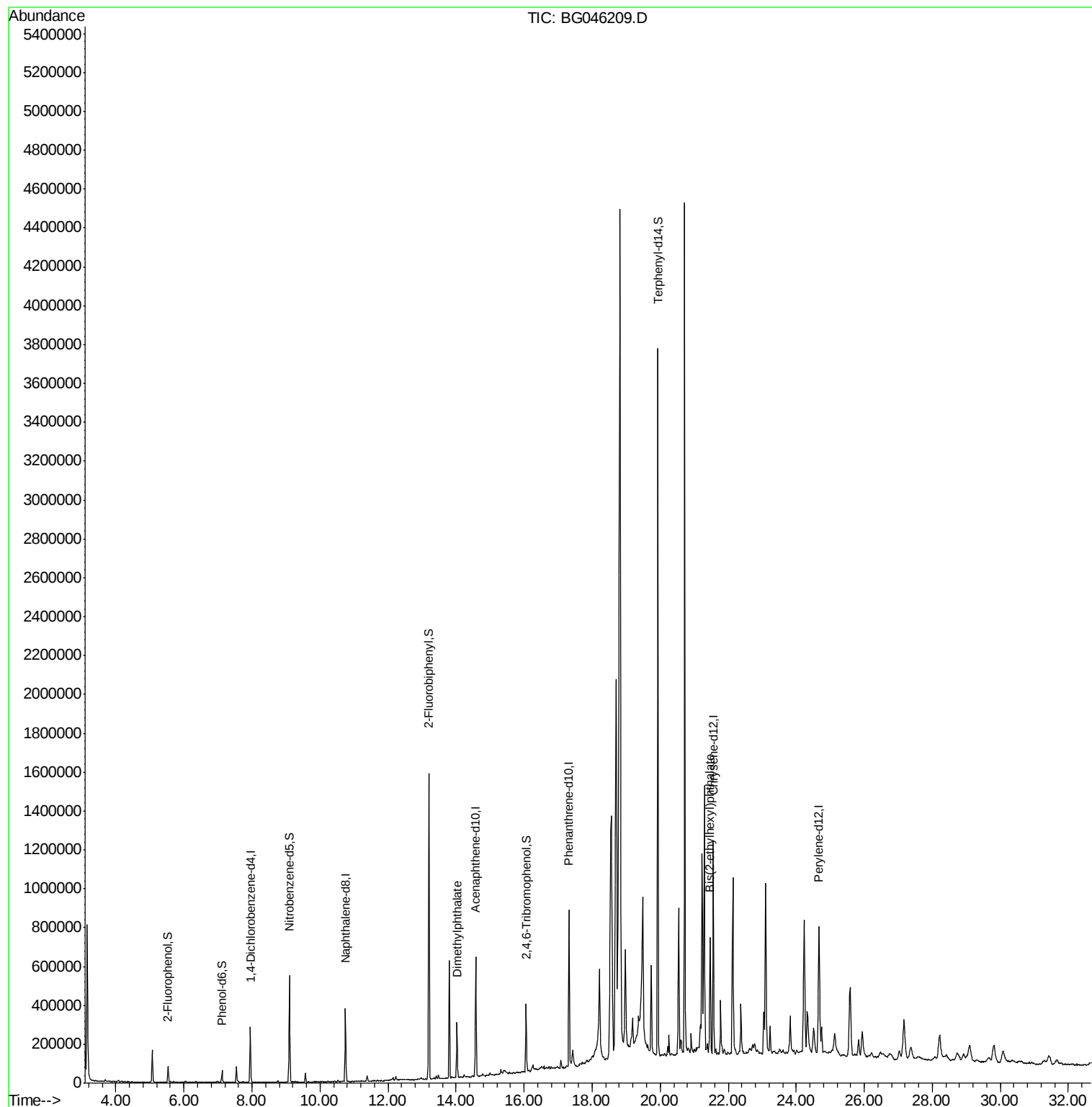
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	88818	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	339038	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	220403	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	533977	20.00	ng	0.00
76) Chrysene-d12	21.56	240	674074	20.00	ng	-0.01
86) Perylene-d12	24.67	264	728719	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	41252	8.07	ng	0.00
7) Phenol-d6	7.12	99	37877	5.44	ng	0.00
23) Nitrobenzene-d5	9.10	82	340672	54.40	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	81976	24.21	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	862524	56.85	ng	0.00
79) Terphenyl-d14	19.93	244	1646921	49.76	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.03	163	208273	12.312	ng	98
84) Bis(2-ethylhexyl)phthalate	21.47	149	53269	2.271	ng	# 94

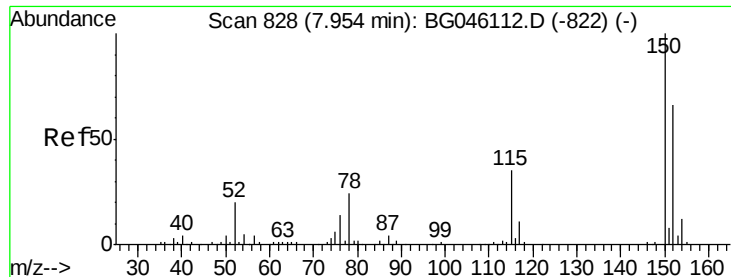
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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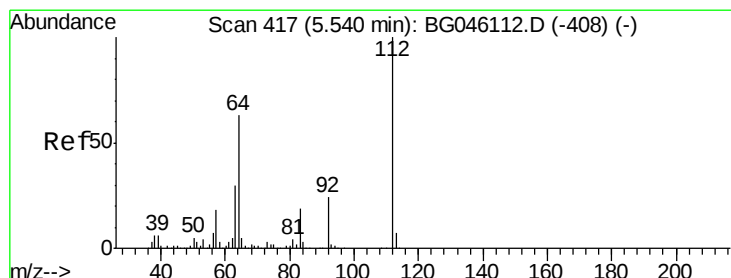
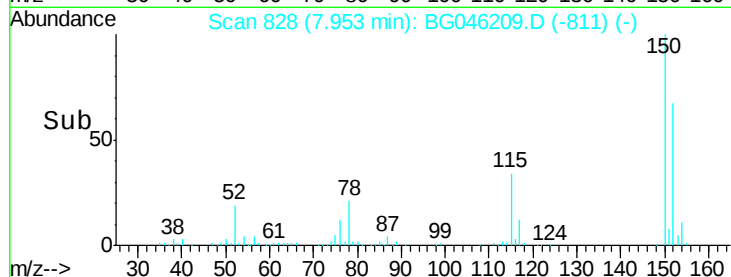
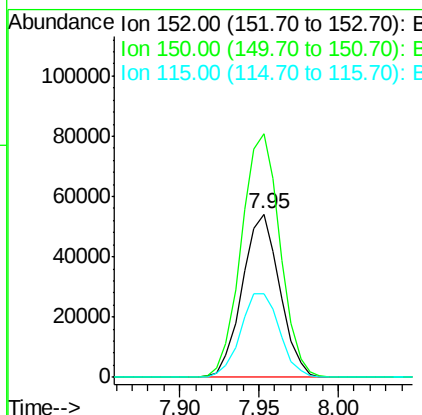
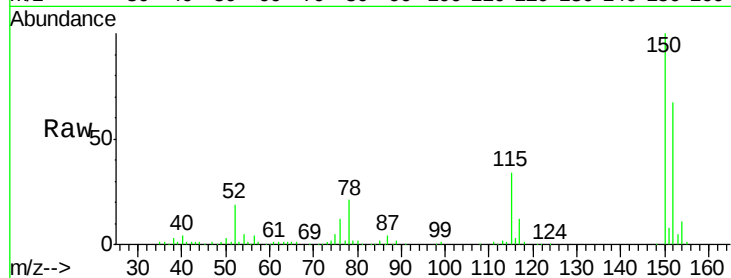


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046209.D
Acq: 10 Aug 2020 16:42

Instrument :
BNA_G
ClientSampleId :
ES-TOTE-COMP

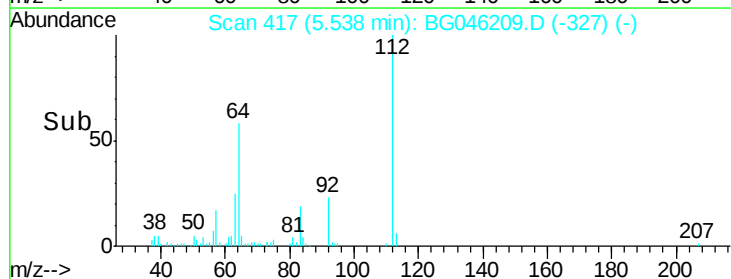
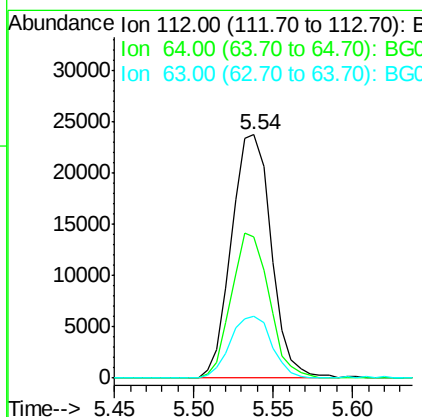
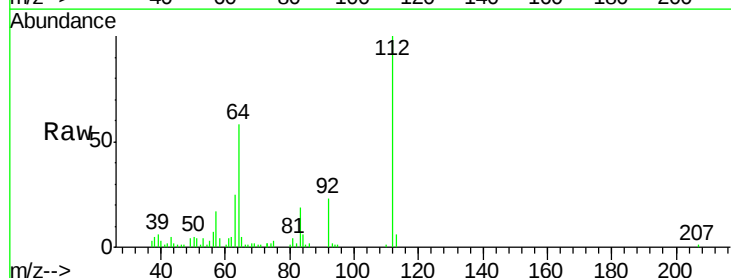
Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	122.1	183.1
115	51.3	43.2	64.8

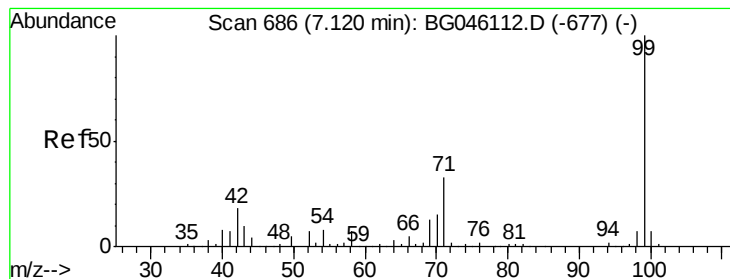


#5

2-Fluorophenol
Concen: 8.074 ng
RT: 5.54 min Scan# 417
Delta R.T. -0.00 min
Lab File: BG046209.D
Acq: 10 Aug 2020 16:42

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	50.2	75.2
63	25.5	24.2	36.4





#7

Phenol-d6

Concen: 5.440 ng

RT: 7.12 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

Instrument :

BNA_G

ClientSampleId :

ES-TOTE-COMP

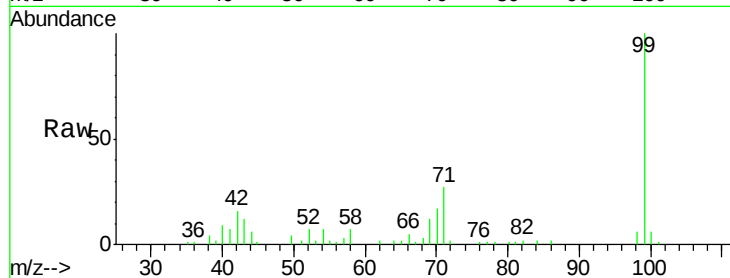
Tot Ion: 99 Resp: 37877

Ion Ratio Lower Upper

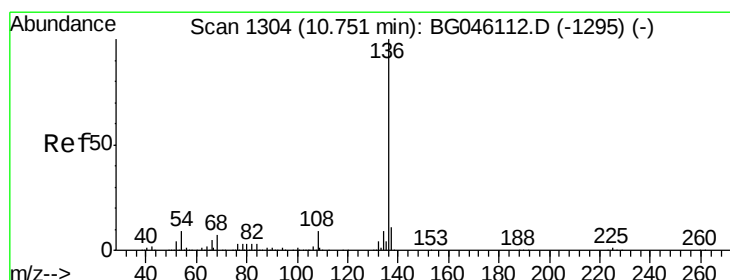
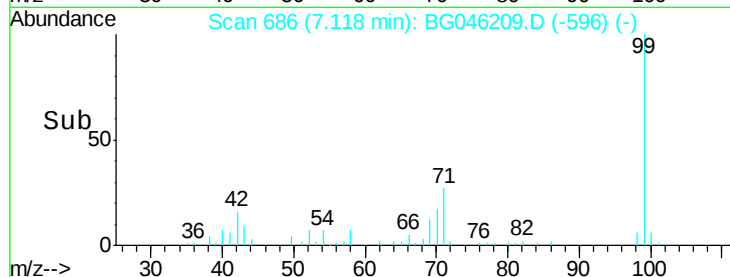
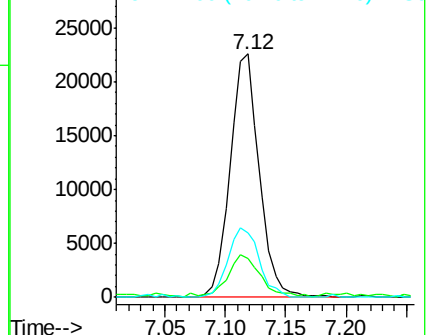
99 100

42 15.8 14.7 22.1

71 26.5 26.5 39.7



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: 10.75 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

Tgt Ion: 136 Resp: 339038

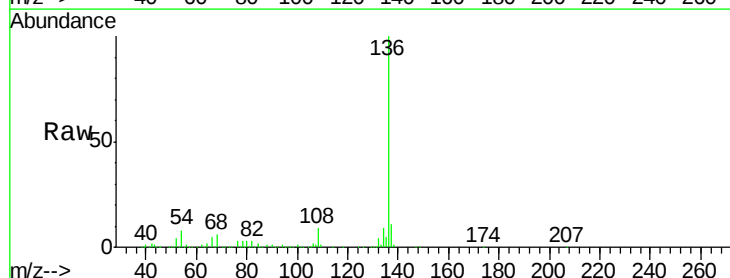
Ion Ratio Lower Upper

136 100

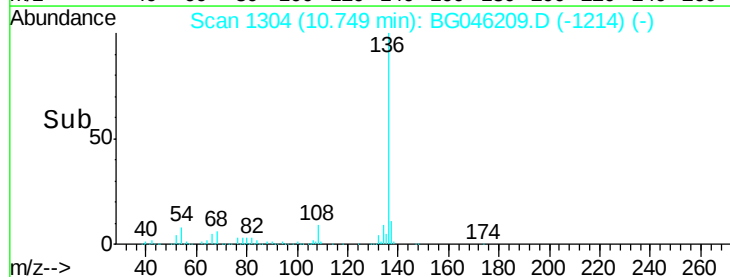
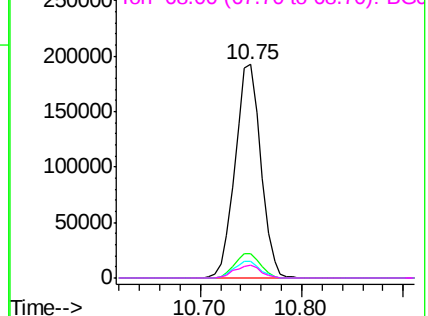
137 11.2 8.8 13.2

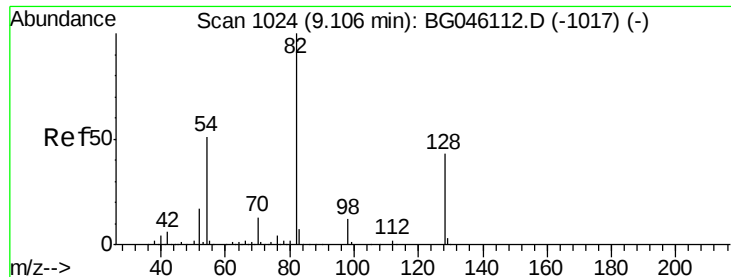
54 7.8 7.0 10.4

68 6.1 5.3 7.9



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: 54.404 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

Instrument :

BNA_G

ClientSampleId :

ES-TOTE-COMP

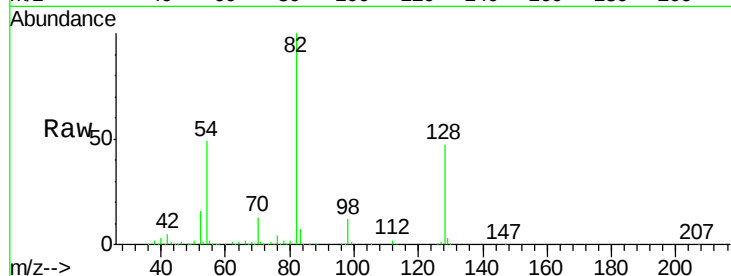
Tot Ion: 82 Resp: 340672

Ion Ratio Lower Upper

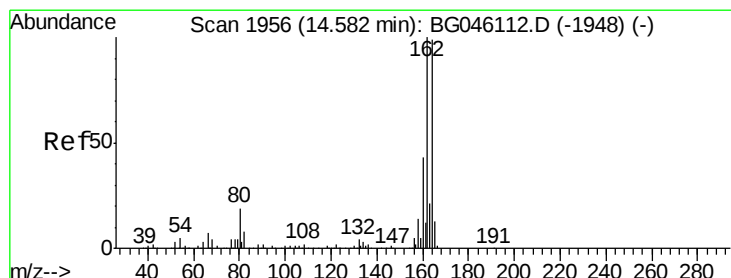
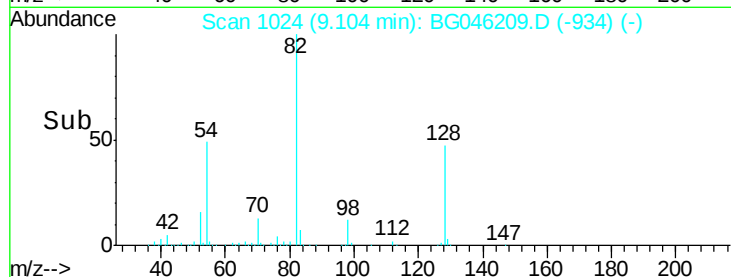
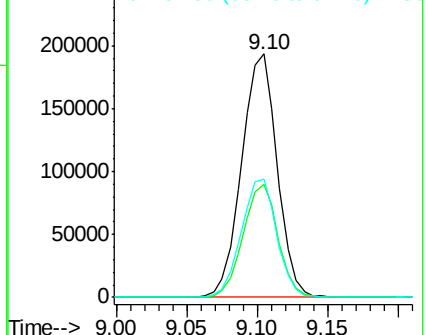
82 100

128 46.6 34.4 51.6

54 48.5 40.8 61.2



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: 14.57 min Scan# 1955

Delta R.T. -0.01 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

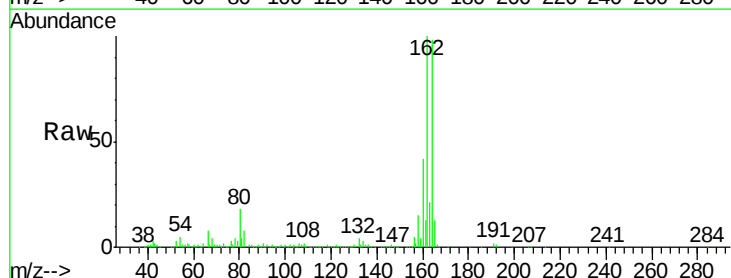
Tgt Ion:164 Resp: 220403

Ion Ratio Lower Upper

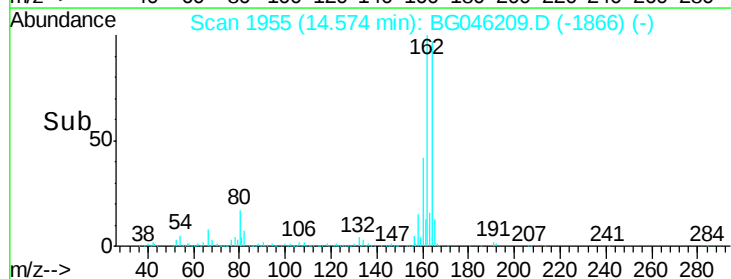
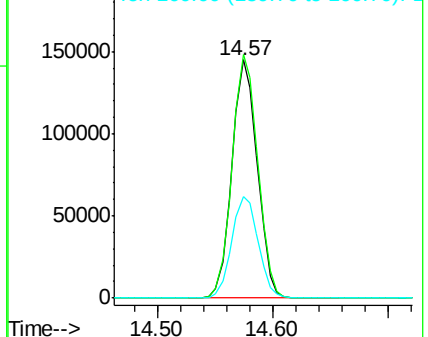
164 100

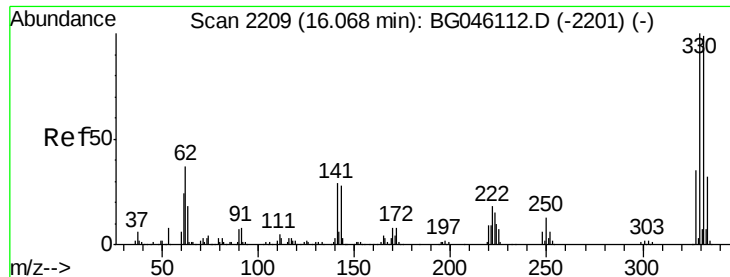
162 102.3 80.6 121.0

160 42.9 34.9 52.3



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: 24.215 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

Instrument :

BNA_G

ClientSampleId :

ES-TOTE-COMP

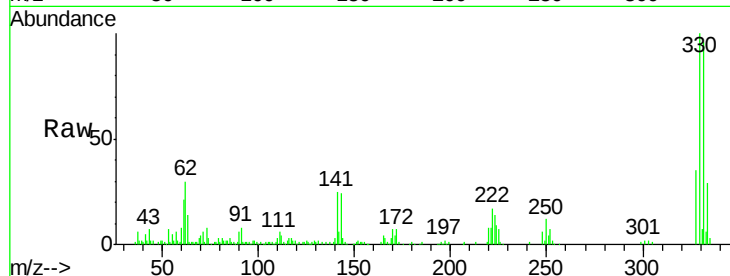
Tot Ion:330 Resp: 81976

Ion Ratio Lower Upper

330 100

332 96.3 77.4 116.2

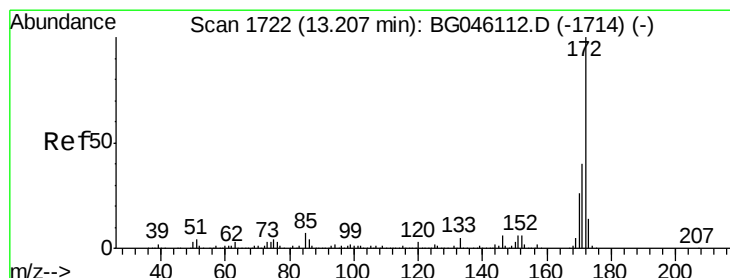
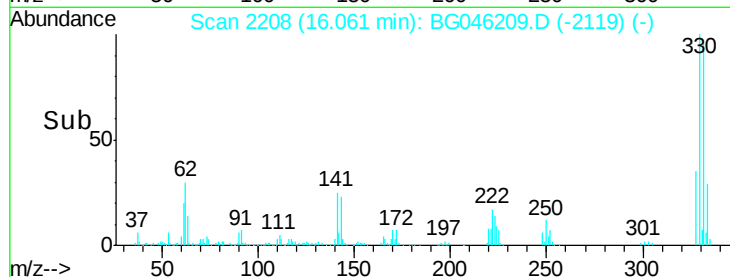
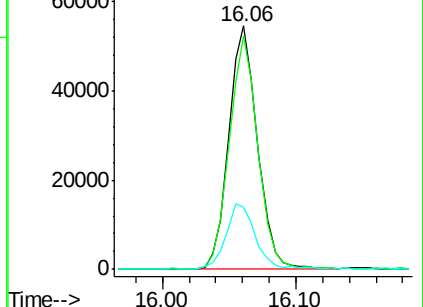
141 27.9 23.4 35.0



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: 56.847 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

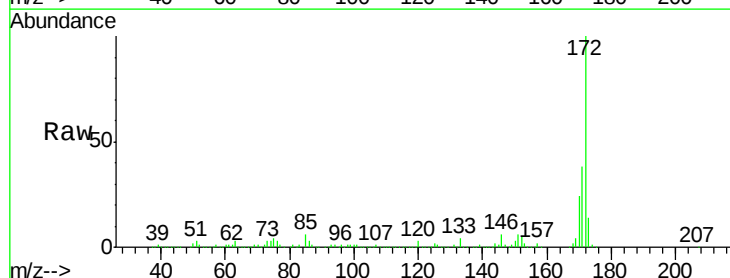
Tgt Ion:172 Resp: 862524

Ion Ratio Lower Upper

172 100

171 37.6 31.7 47.5

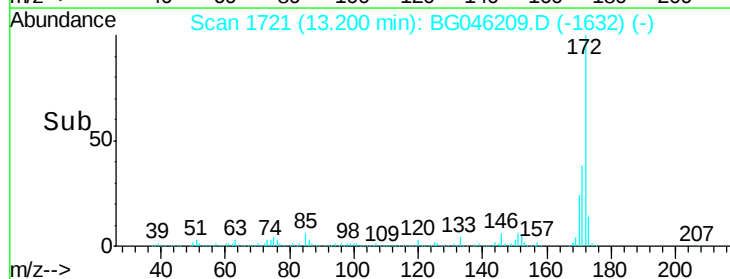
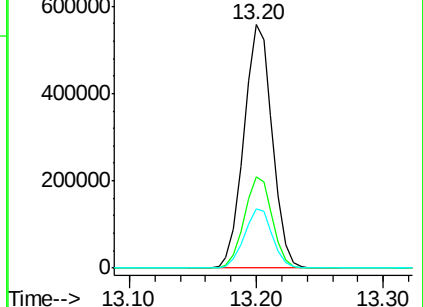
170 24.2 20.9 31.3

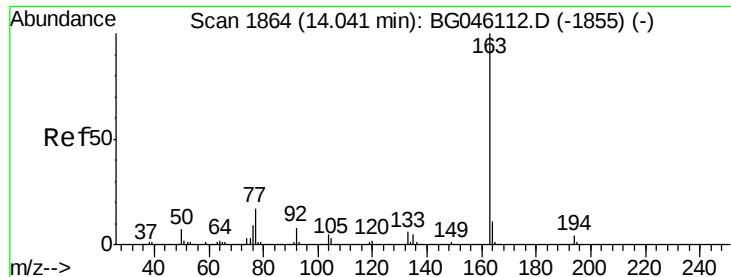


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

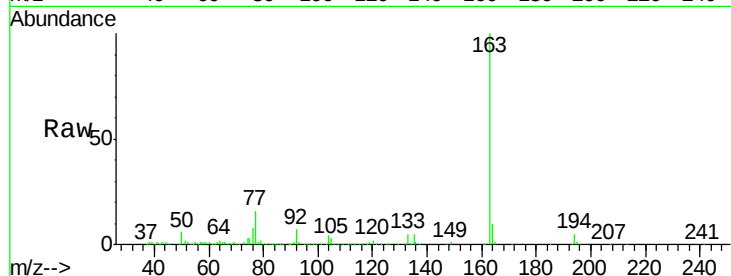




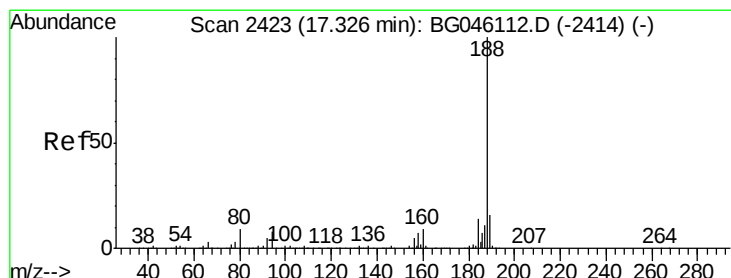
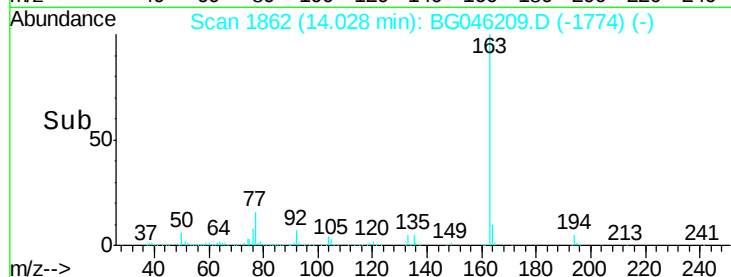
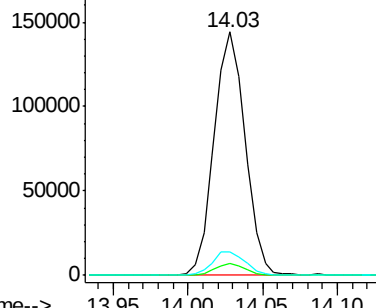
#50
Dimethylphthalate
Concen: 12.312 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046209.D
Acq: 10 Aug 2020 16:42

Instrument :
BNA_G
ClientSampleId :
ES-TOTE-COMP

Tot Ion:163 Resp: 208273
Ion Ratio Lower Upper
163 100
194 4.7 3.5 5.3
164 9.8 8.8 13.2

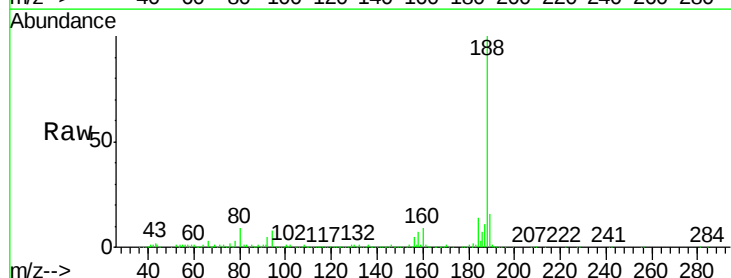


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

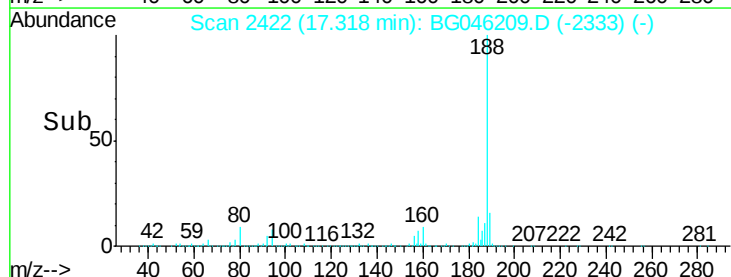
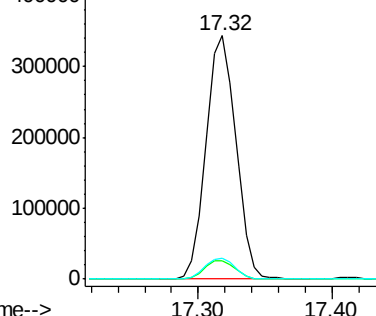


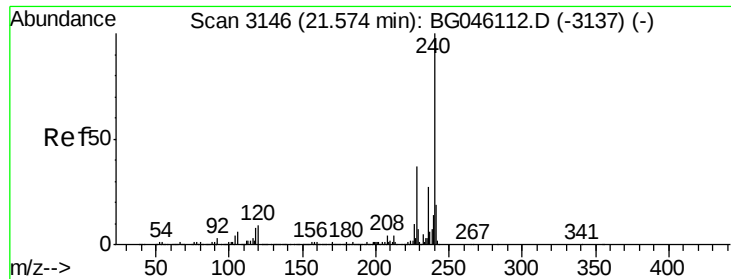
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG046209.D
Acq: 10 Aug 2020 16:42

Tgt Ion:188 Resp: 533977
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.8 7.4 11.0



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

Chrvsene-d12

Concen: 20.000 ng

RT: 21.56 min Scan# 3144

Delta R.T. -0.01 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

Instrument :

BNA_G

ClientSampleId :

ES-TOTE-COMP

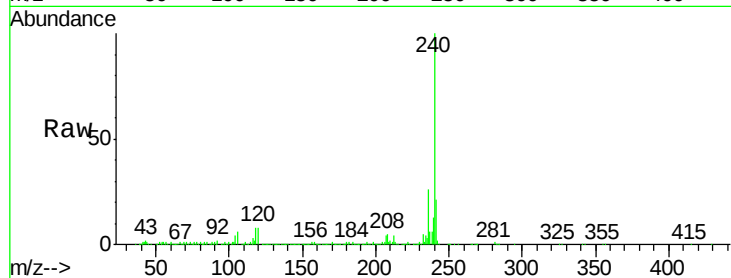
Tot Ion:240 Resp: 674074

Ion Ratio Lower Upper

240 100

120 8.5 7.1 10.7

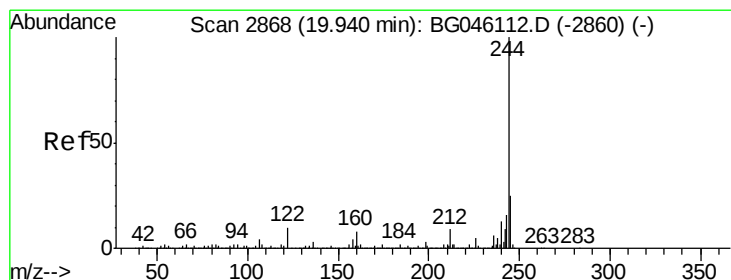
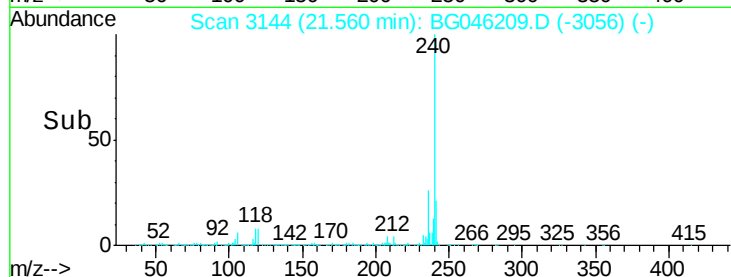
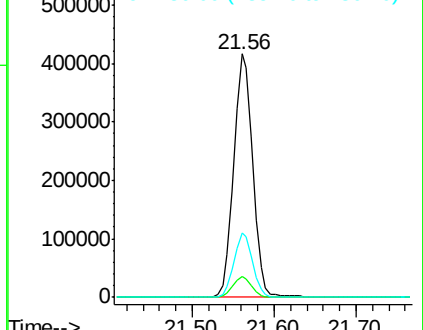
236 26.3 21.7 32.5



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: 49.760 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.01 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

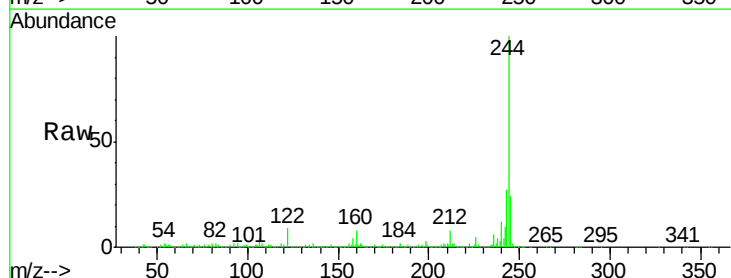
Tgt Ion:244 Resp: 1646921

Ion Ratio Lower Upper

244 100

212 8.4 7.2 10.8

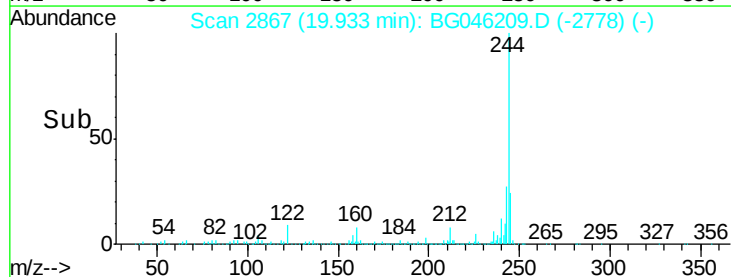
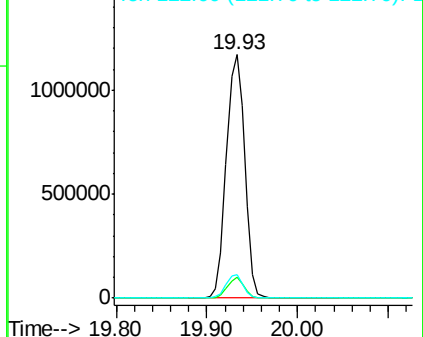
122 9.4 8.3 12.5

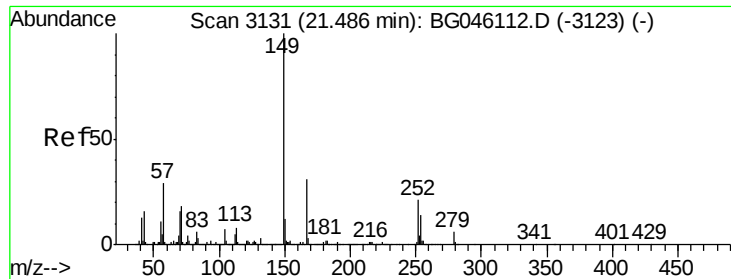


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 2.271 ng

RT: 21.47 min Scan# 3129

Delta R.T. -0.01 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

Instrument :

BNA_G

ClientSampleId :

ES-TOTE-COMP

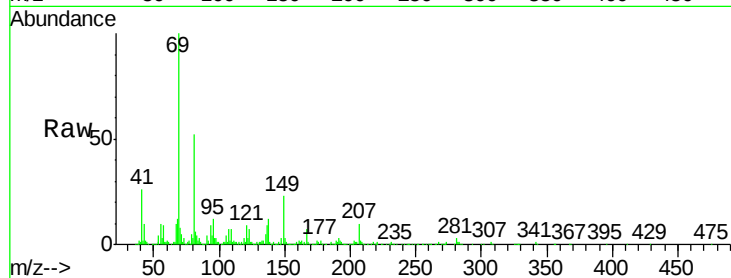
Tot Ion:149 Resp: 53269

Ion Ratio Lower Upper

149 100

167 28.2 24.8 37.2

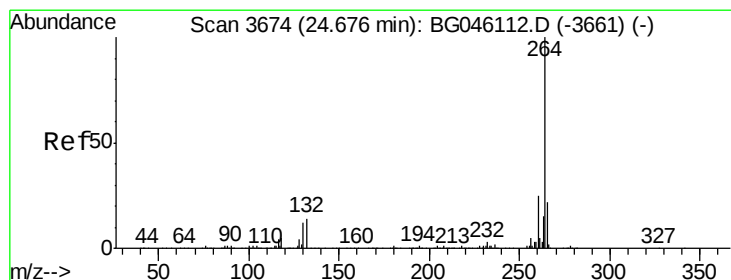
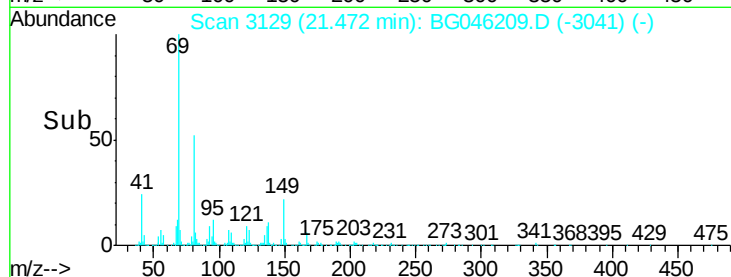
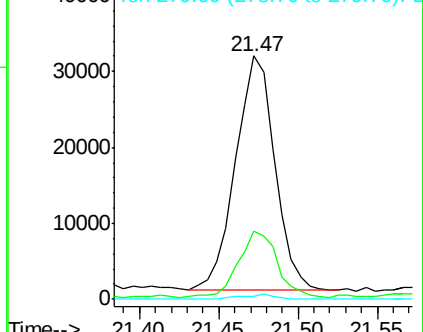
279 1.3 4.6 6.8#



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.67 min Scan# 3673

Delta R.T. -0.01 min

Lab File: BG046209.D

Acq: 10 Aug 2020 16:42

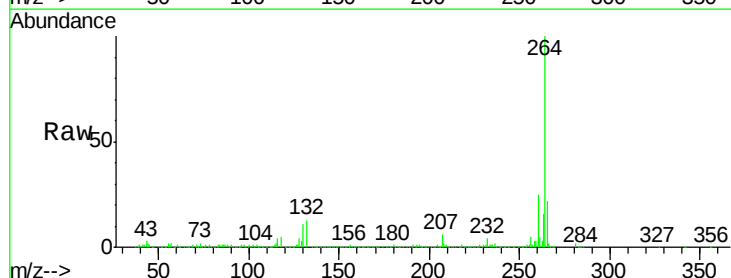
Tgt Ion:264 Resp: 728719

Ion Ratio Lower Upper

264 100

260 24.8 19.7 29.5

265 21.9 17.6 26.4



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

