

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081020\
 Data File : BG046211.D
 Acq On : 10 Aug 2020 18:04
 Operator : CG/JU
 Sample : L3614-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 0495-MODIFIED-ELUTRIATE

Quant Time: Aug 10 18:40:49 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

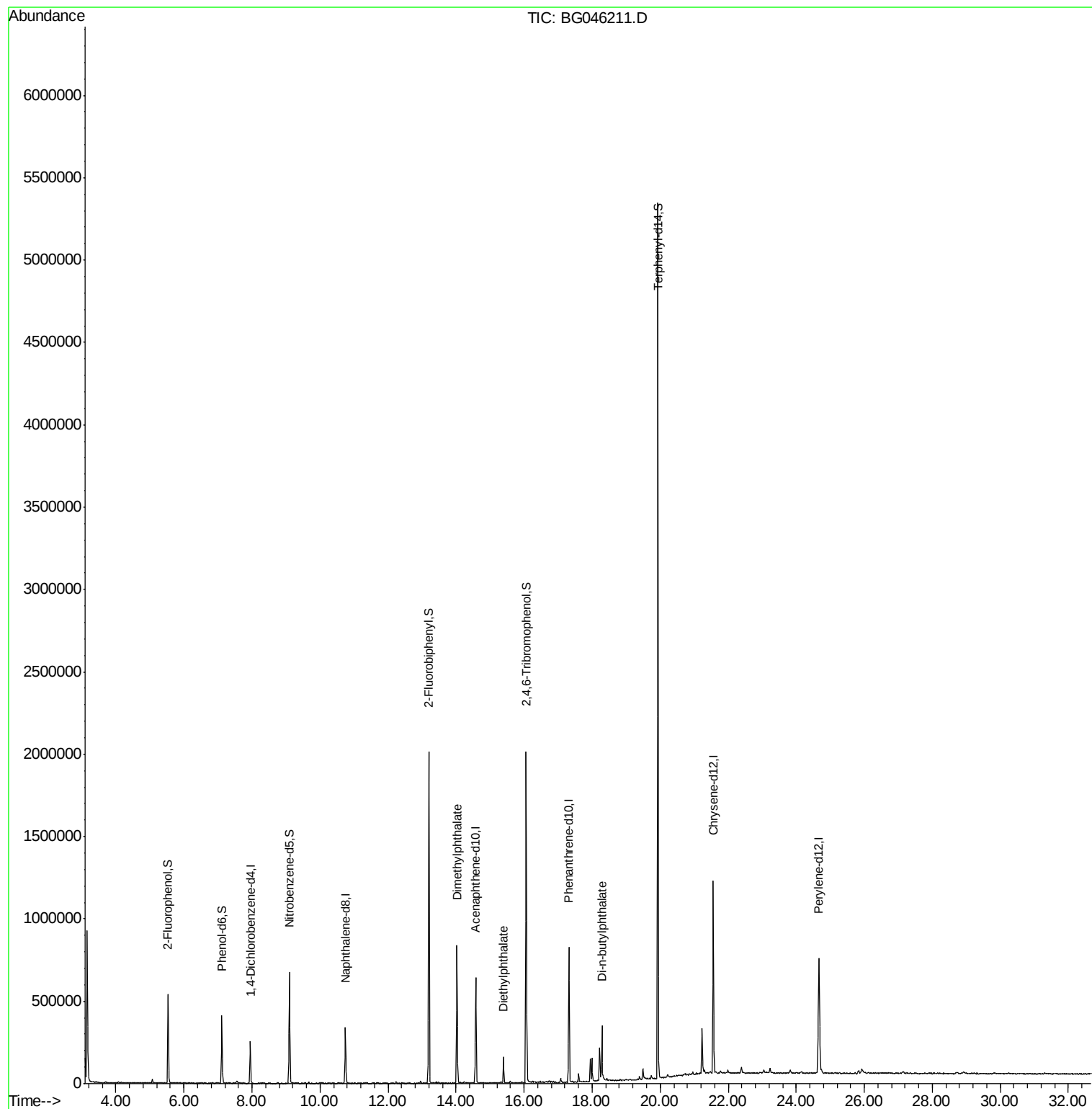
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	81109	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	309258	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	207321	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	550265	20.00	ng	0.00
76) Chrysene-d12	21.56	240	725237	20.00	ng	-0.01
86) Perylene-d12	24.67	264	760262	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	259083	55.53	ng	0.00
7) Phenol-d6	7.11	99	260166	40.91	ng	0.00
23) Nitrobenzene-d5	9.10	82	432313	75.69	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	458006	143.83	ng	0.00
45) 2-Fluorobiphenyl	13.20	172	1118610	78.38	ng	0.00
79) Terphenyl-d14	19.93	244	2273841	63.85	ng	0.00
Target Compounds						
50) Dimethylphthalate	14.03	163	601343	37.791	ng	99
60) Diethylphthalate	15.39	149	88669	5.665	ng	99
74) Di-n-butylphthalate	18.29	149	249800	8.266	ng	96

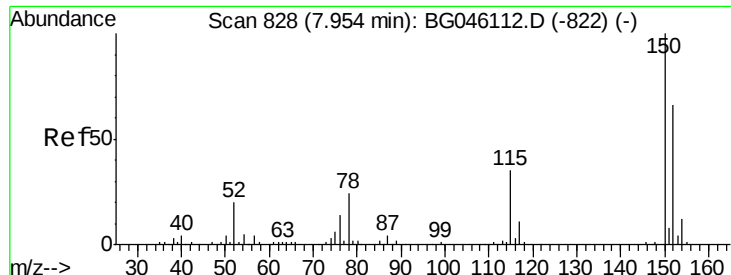
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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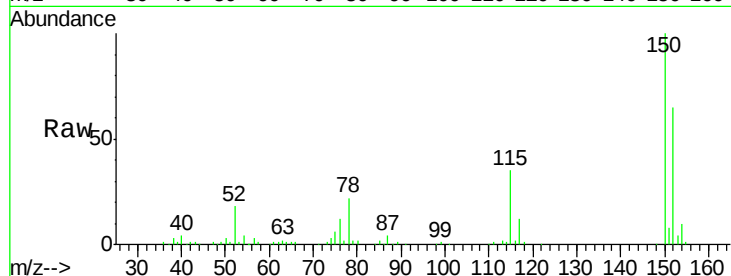


#1

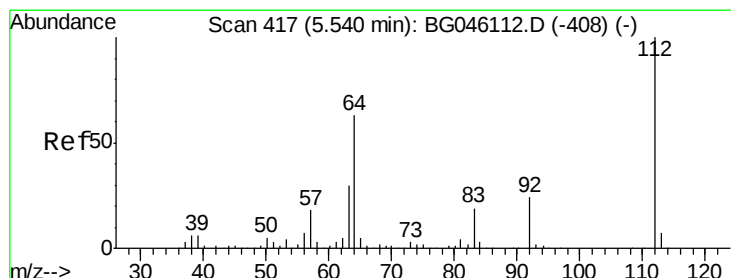
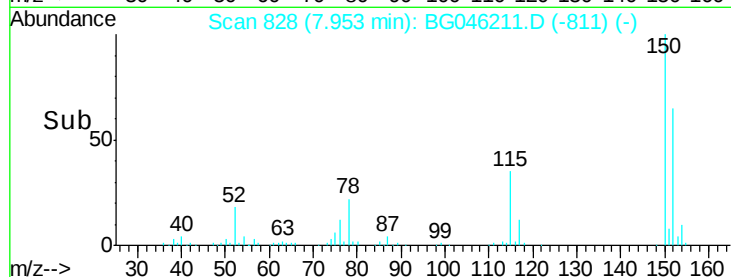
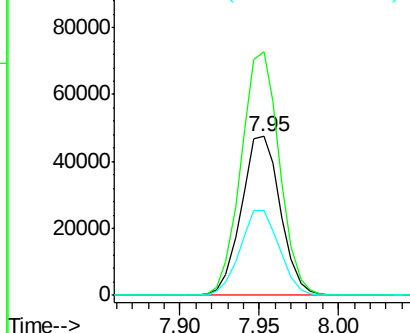
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 828
Delta R.T. -0.00 min
Lab File: BG046211.D
Acq: 10 Aug 2020 18:04

Instrument :
BNA_G
ClientSampleId :
0495-MODIFIED-ELUTRIATE

Tot Ion:152 Resp: 81109
Ion Ratio Lower Upper
152 100
150 153.4 122.1 183.1
115 53.6 43.2 64.8



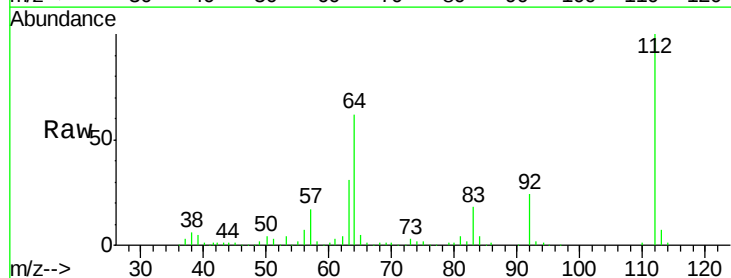
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



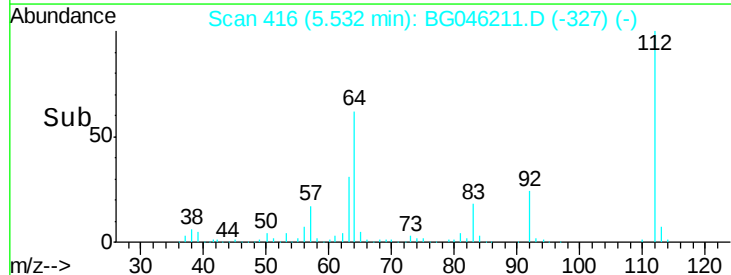
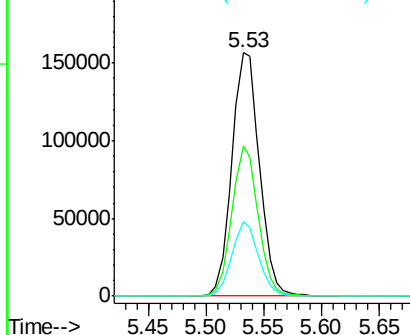
#5

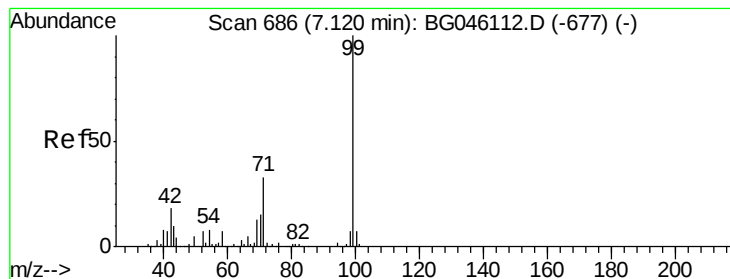
2-Fluorophenol
Concen: 55.528 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG046211.D
Acq: 10 Aug 2020 18:04

Tgt Ion:112 Resp: 259083
Ion Ratio Lower Upper
112 100
64 61.9 50.2 75.2
63 30.7 24.2 36.4



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: 40.914 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG046211.D

Acq: 10 Aug 2020 18:04

Instrument :

BNA_G

ClientSampleId :

0495-MODIFIED-ELUTRIATE

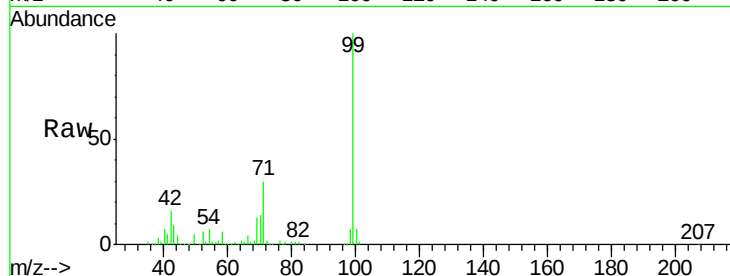
Tot Ion: 99 Resp: 260166

Ion Ratio Lower Upper

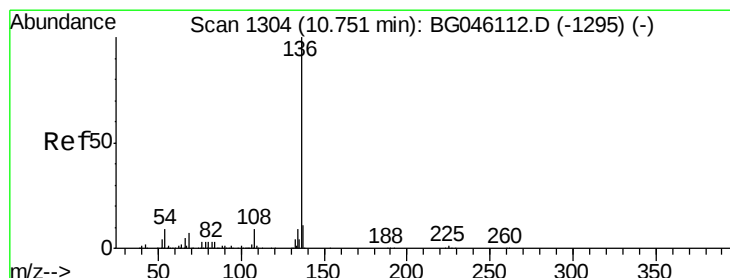
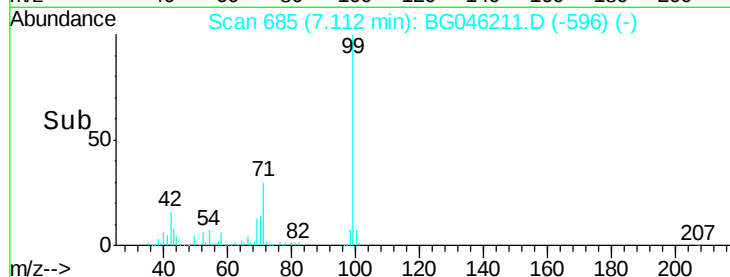
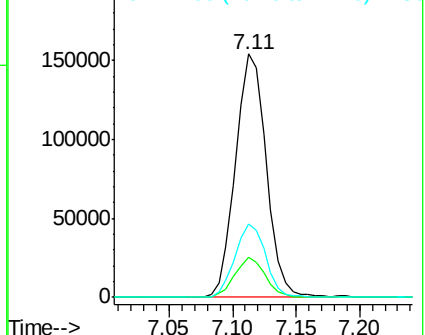
99 100

42 16.3 14.7 22.1

71 30.0 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: 10.74 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BG046211.D

Acq: 10 Aug 2020 18:04

Tgt Ion: 136 Resp: 309258

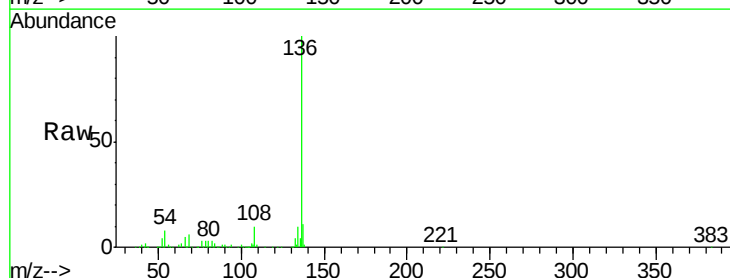
Ion Ratio Lower Upper

136 100

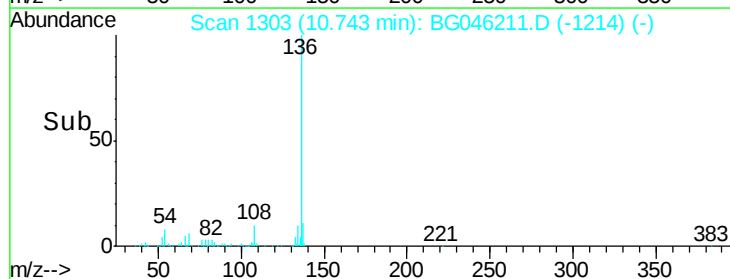
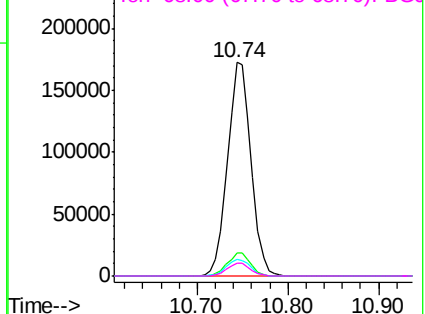
137 10.9 8.8 13.2

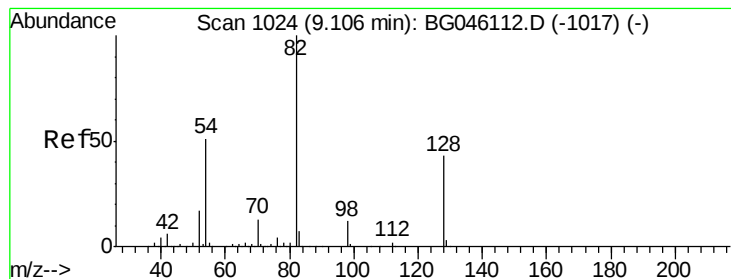
54 7.9 7.0 10.4

68 5.8 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: 75.686 ng

RT: 9.10 min Scan# 1024

Delta R.T. -0.00 min

Lab File: BG046211.D

Acq: 10 Aug 2020 18:04

Instrument :

BNA_G

ClientSampleId :

0495-MODIFIED-ELUTRIATE

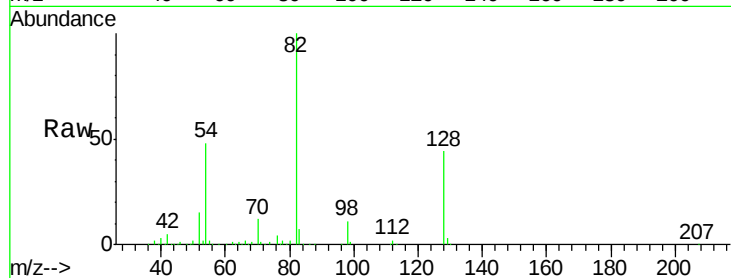
Tot Ion: 82 Resp: 432313

Ion Ratio Lower Upper

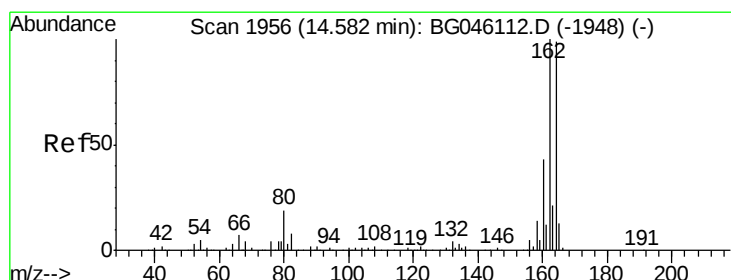
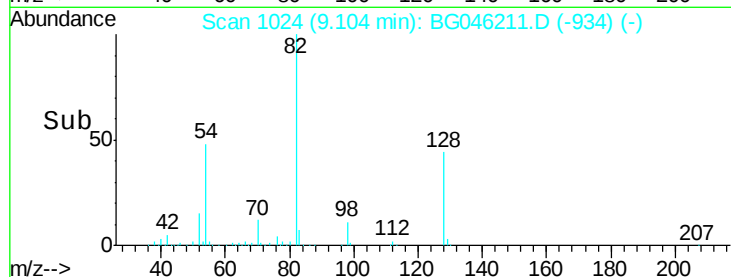
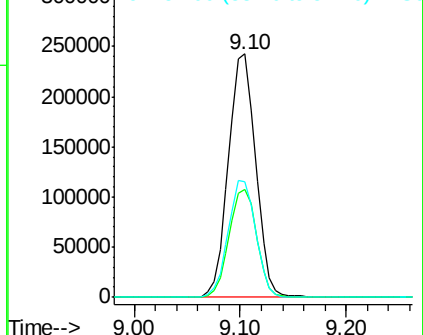
82 100

128 44.2 34.4 51.6

54 47.5 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: BG046211.D

Acq: 10 Aug 2020 18:04

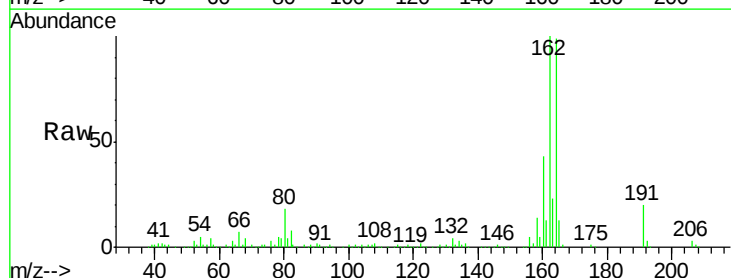
Tgt Ion:164 Resp: 207321

Ion Ratio Lower Upper

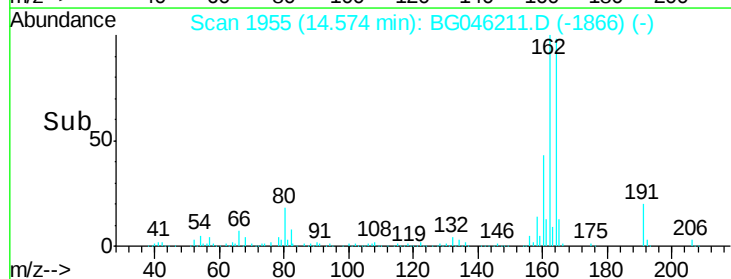
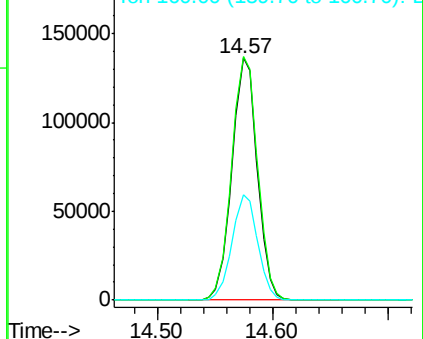
164 100

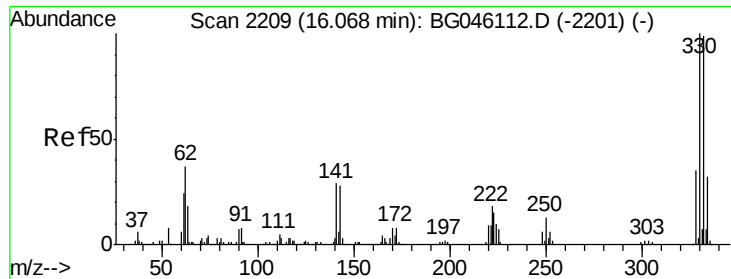
162 100.7 80.6 121.0

160 43.7 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: 143.828 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG046211.D

Acq: 10 Aug 2020 18:04

Instrument :

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0495-MODIFIED-ELUTRIATE

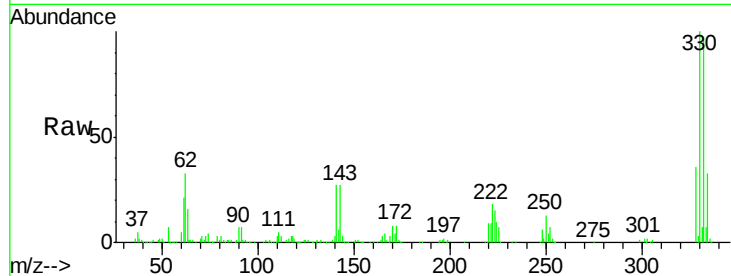
Tot Ion:330 Resp: 458006

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

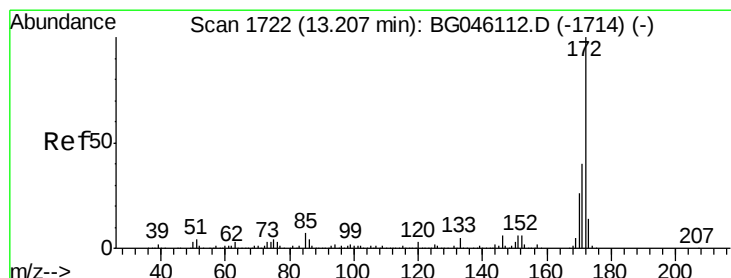
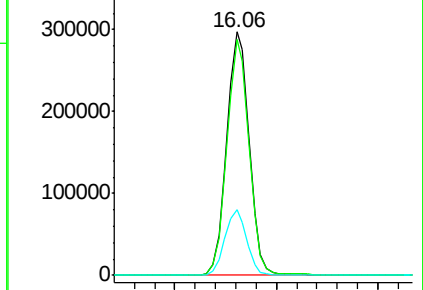
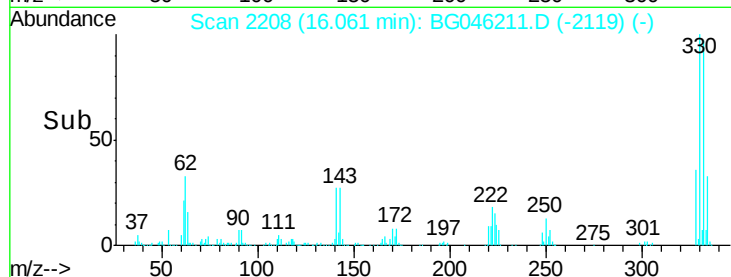
141 26.4 23.4 35.0



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: 78.377 ng

RT: 13.20 min Scan# 1721

Delta R.T. -0.01 min

Lab File: BG046211.D

Acq: 10 Aug 2020 18:04

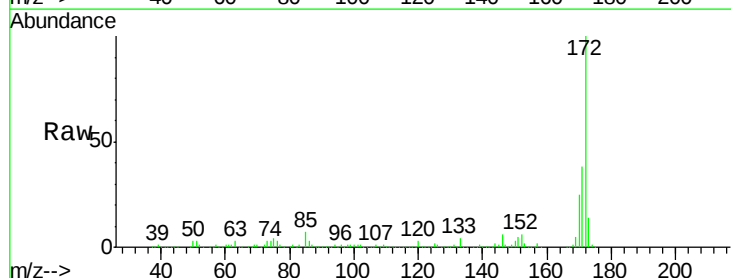
Tgt Ion:172 Resp: 1118610

Ion Ratio Lower Upper

172 100

171 38.1 31.7 47.5

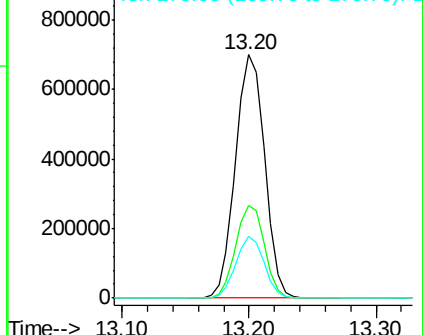
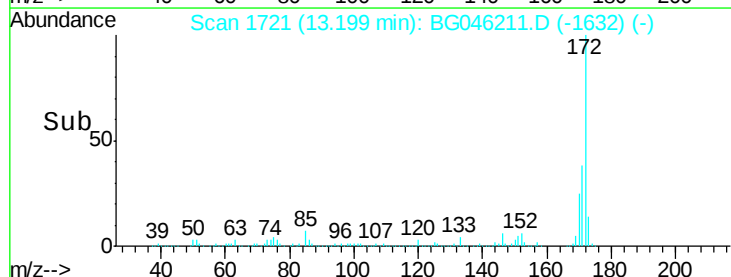
170 25.3 20.9 31.3

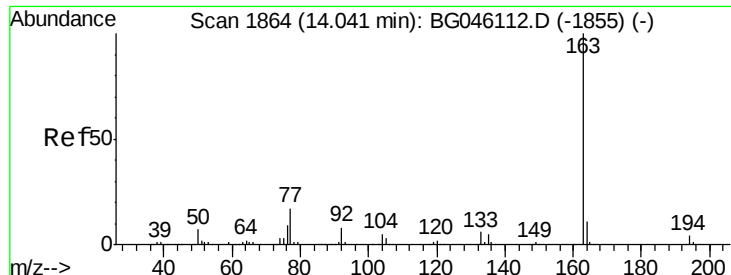


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

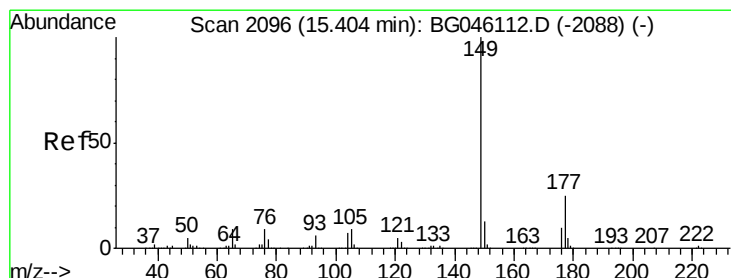
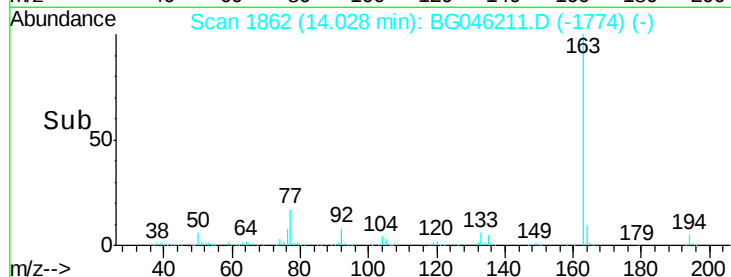
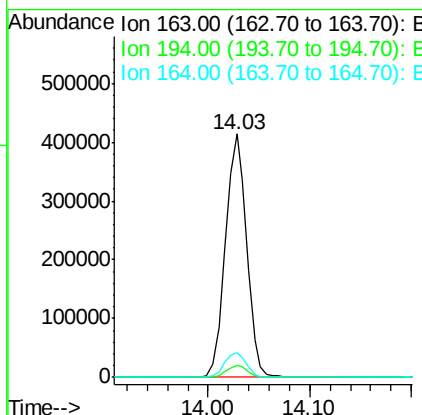
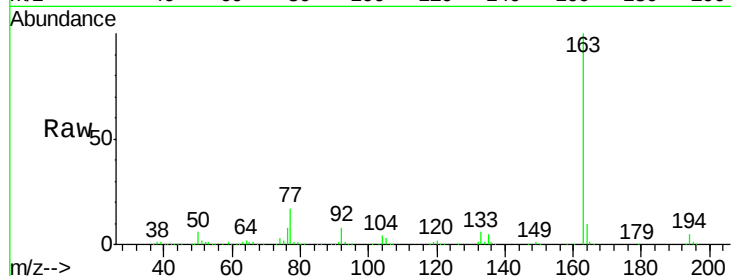




#50
Dimethylphthalate
Concen: 37.791 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.01 min
Lab File: BG046211.D
Acq: 10 Aug 2020 18:04

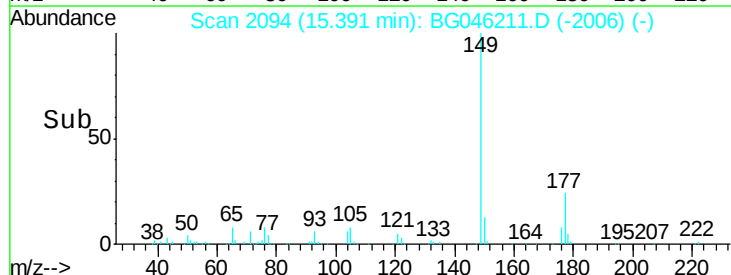
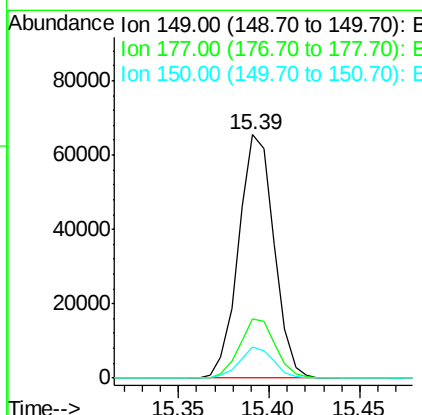
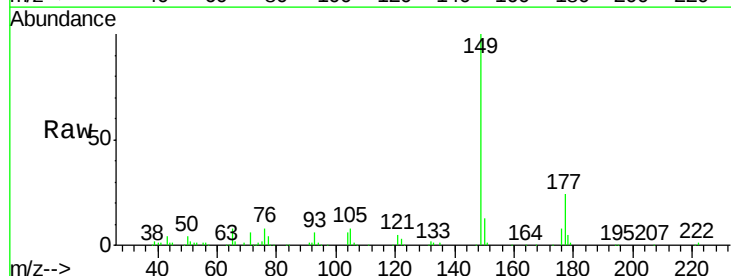
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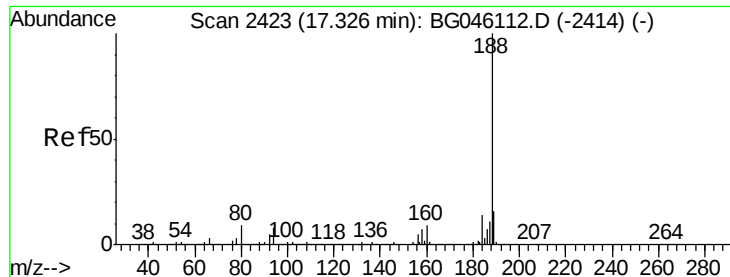
Tot Ion:163 Resp: 601343
Ion Ratio Lower Upper
163 100
194 4.7 3.5 5.3
164 10.4 8.8 13.2



#60
Diethylphthalate
Concen: 5.665 ng
RT: 15.39 min Scan# 2094
Delta R.T. -0.01 min
Lab File: BG046211.D
Acq: 10 Aug 2020 18:04

Tgt Ion:149 Resp: 88669
Ion Ratio Lower Upper
149 100
177 24.3 19.7 29.5
150 12.8 10.8 16.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.32 min Scan# 2422

Delta R.T. -0.01 min

Lab File: BG046211.D

Acq: 10 Aug 2020 18:04

Instrument :

BNA_G

ClientSampleId :

0495-MODIFIED-ELUTRIATE

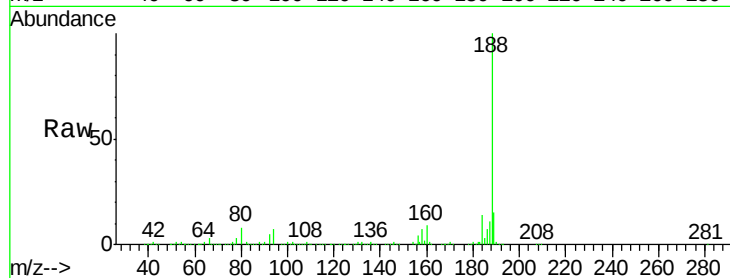
Tot Ion:188 Resp: 550265

Ion Ratio Lower Upper

188 100

94 7.3 6.4 9.6

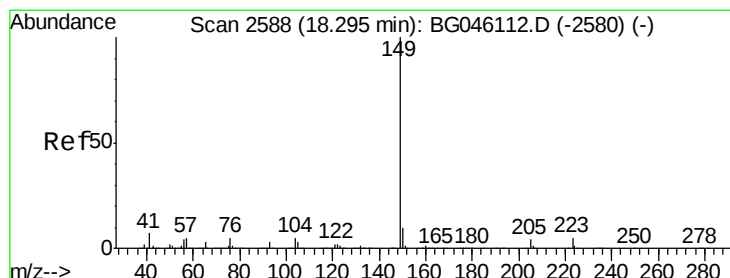
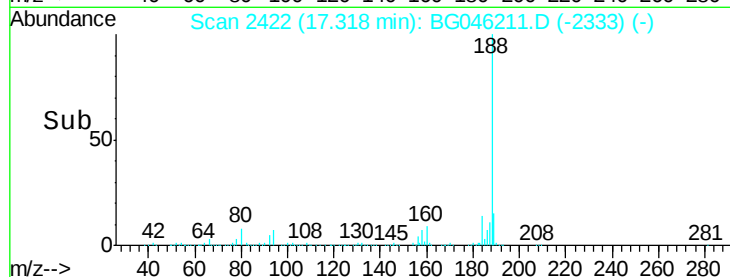
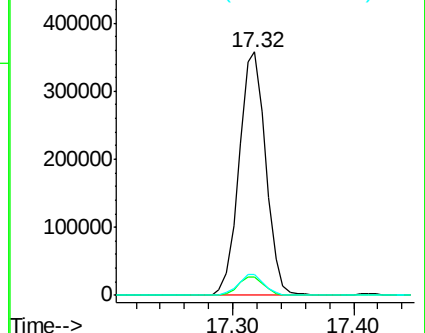
80 8.4 7.4 11.0



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



#74

Di-n-butylphthalate

Concen: 8.266 ng

RT: 18.29 min Scan# 2587

Delta R.T. -0.01 min

Lab File: BG046211.D

Acq: 10 Aug 2020 18:04

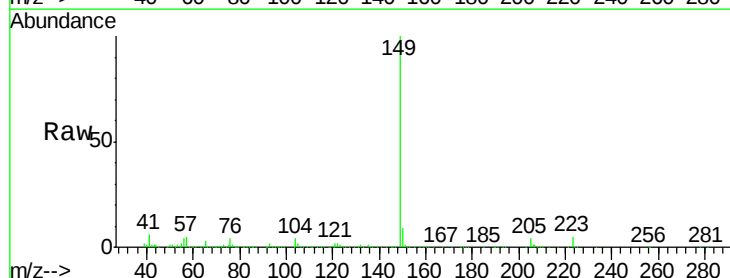
Tgt Ion:149 Resp: 249800

Ion Ratio Lower Upper

149 100

150 8.5 8.4 12.6

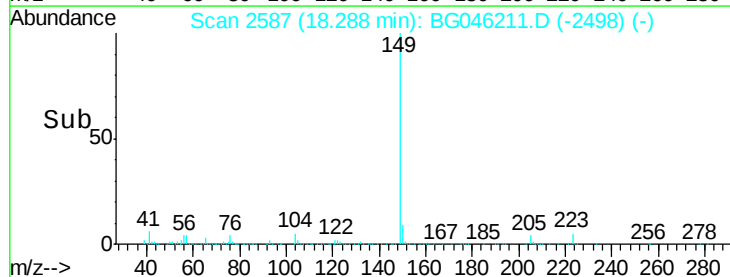
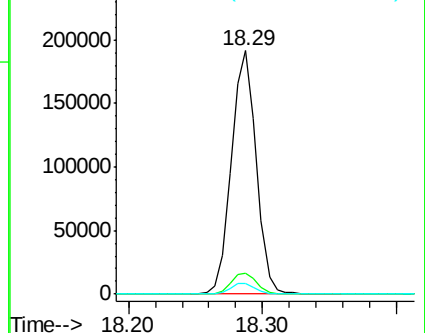
104 4.5 4.2 6.2

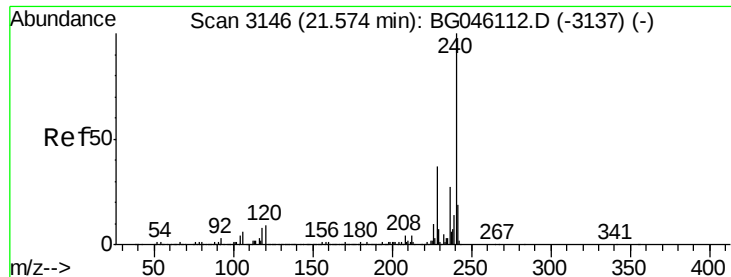


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

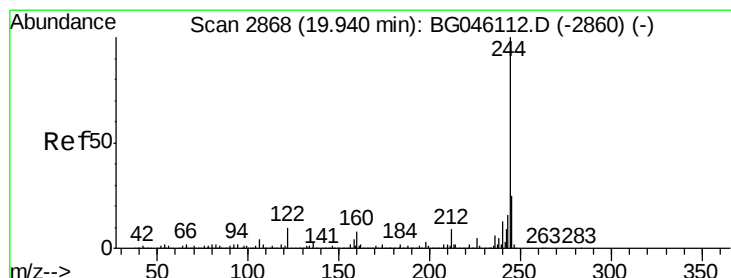
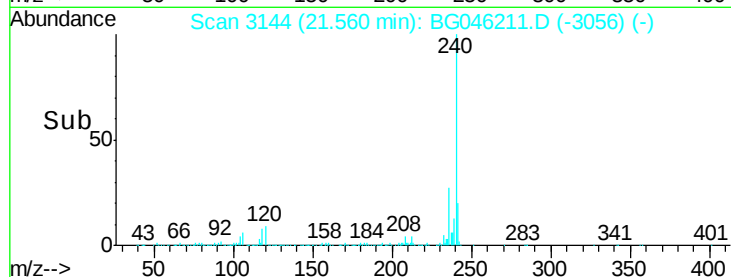
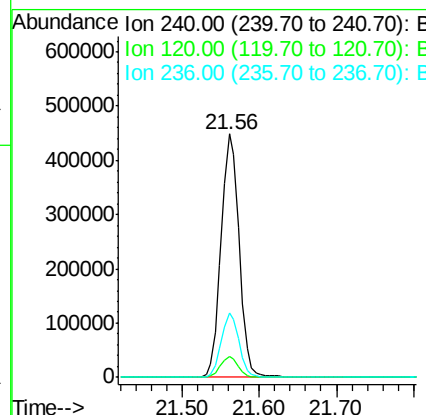
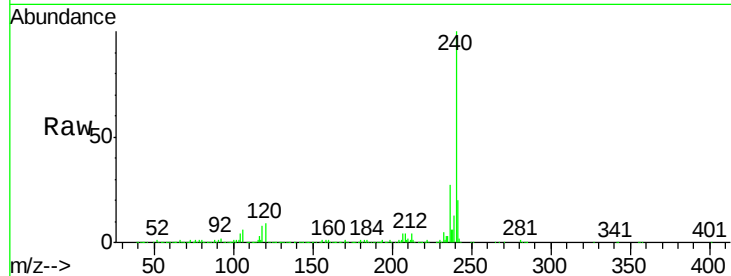




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG046211.D
Acq: 10 Aug 2020 18:04

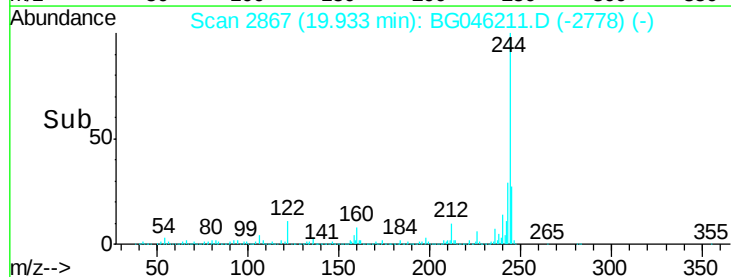
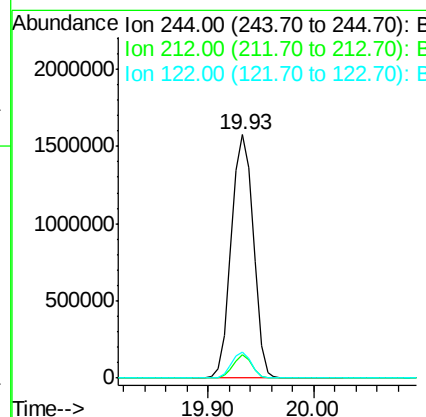
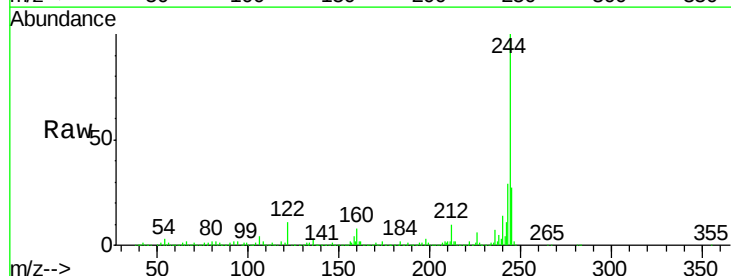
Instrument :
BNA_G
ClientSampleId :
0495-MODIFIED-ELUTRIATE

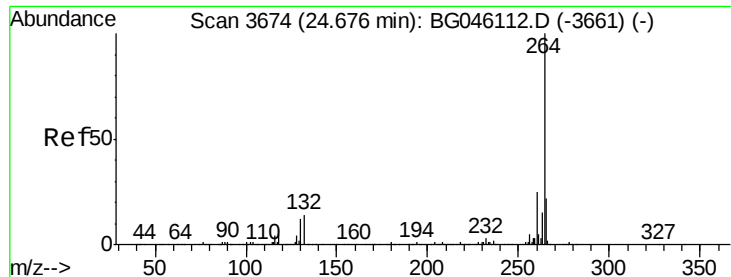
Tot Ion:240 Resp: 725237
Ion Ratio Lower Upper
240 100
120 8.6 7.1 10.7
236 26.7 21.7 32.5



#79
Terphenyl-d14
Concen: 63.855 ng
RT: 19.93 min Scan# 2867
Delta R.T. -0.01 min
Lab File: BG046211.D
Acq: 10 Aug 2020 18:04

Tgt Ion:244 Resp: 2273841
Ion Ratio Lower Upper
244 100
212 9.5 7.2 10.8
122 10.7 8.3 12.5





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.67 min Scan# 3673
 Delta R.T. -0.01 min
 Lab File: BG046211.D
 Acq: 10 Aug 2020 18:04

Instrument :
 BNA_G
 ClientSampleId :
 0495-MODIFIED-ELUTRIATE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	22.3	17.6	26.4

