

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 18:39:45 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

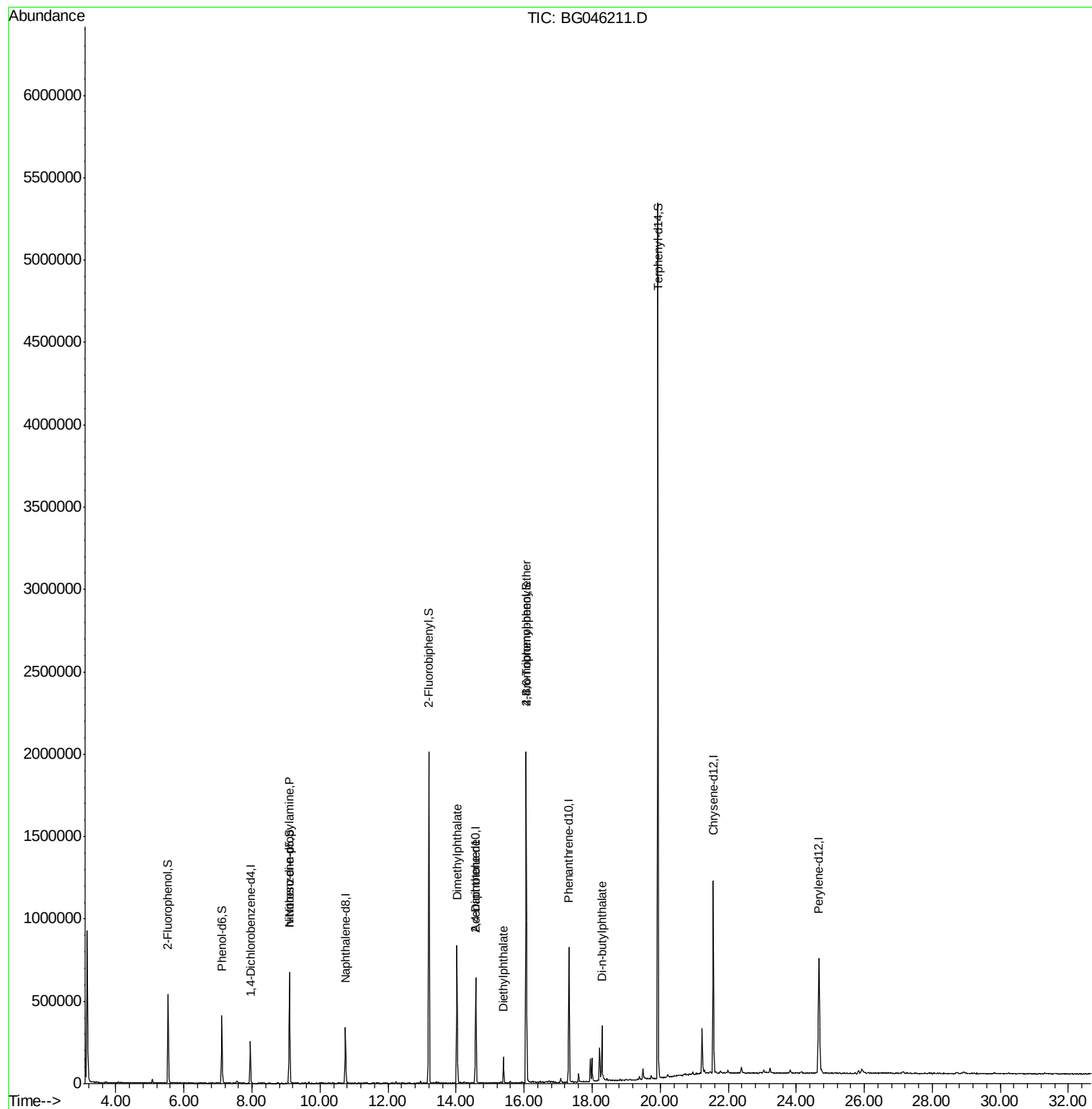
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	81109	20.00	ng	0.00
21) Naphthalene-d8	10.74	136	309258	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	207321	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	550265	20.00	ng	0.00
76) Chrysene-d12	21.56	240	725237	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						
19) n-Nitroso-di-n-propylamine	9.10	70	53849	13.012	ng	# 74
50) Dimethylphthalate	14.03	163	601343	37.791	ng	99
57) 2,4-Dinitrotoluene	14.57	165	27727	5.446	ng	# 31
60) Diethylphthalate	15.39	149	88669	5.665	ng	99
67) 4-Bromophenyl-phenylether	16.06	248	27874	4.100	ng	# 1
74) Di-n-butylphthalate	18.29	149	249800	8.266	ng	96

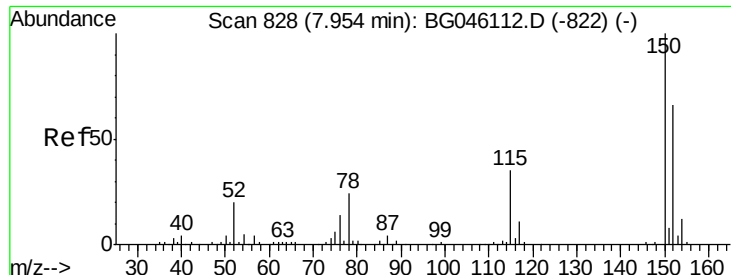
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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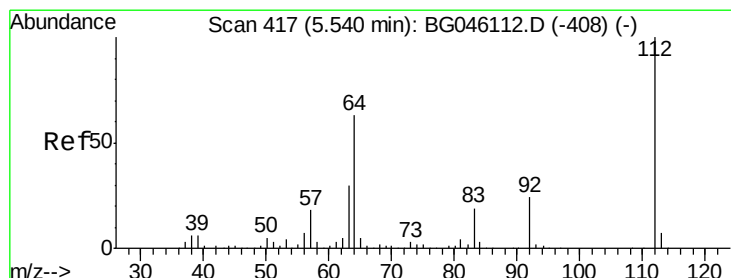
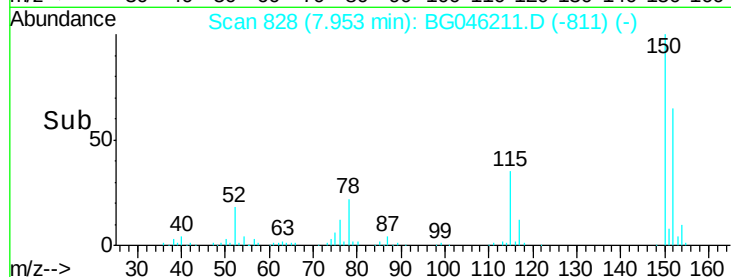
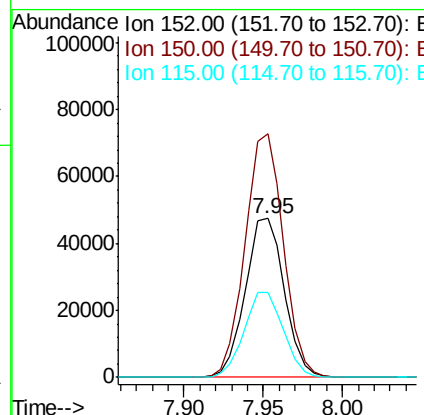
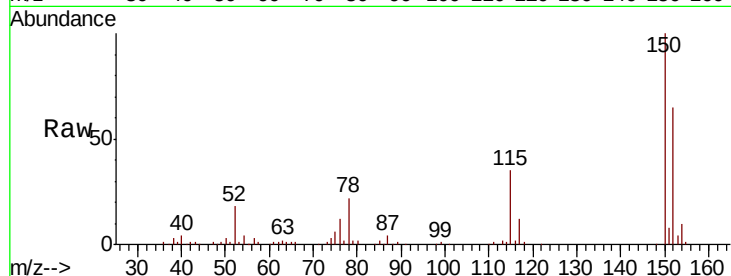




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.95 min Scan# 828
 Delta R.T. -0.00 min
 Lab File: BG046211.D
 Acq: 10 Aug 2020 18:04

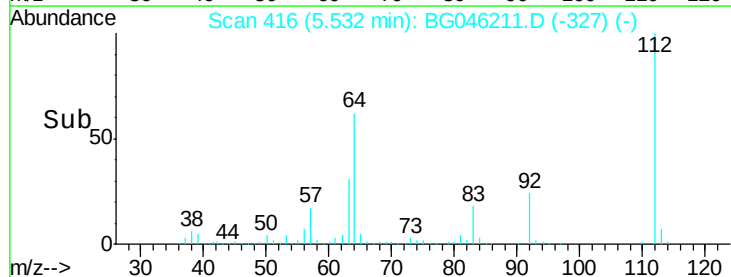
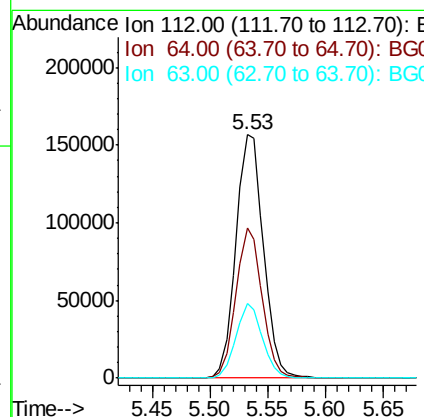
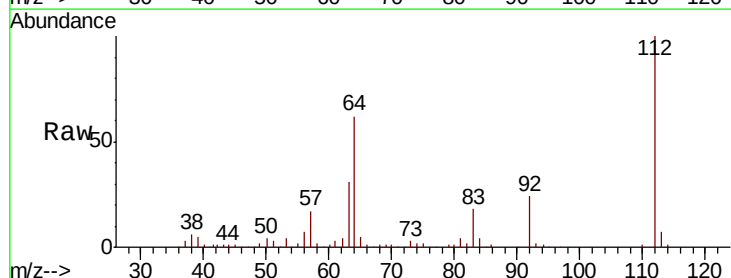
Instrument :
 BNA_G
 ClientSampleId :
 0495-MODIFIED-ELUTRIATE

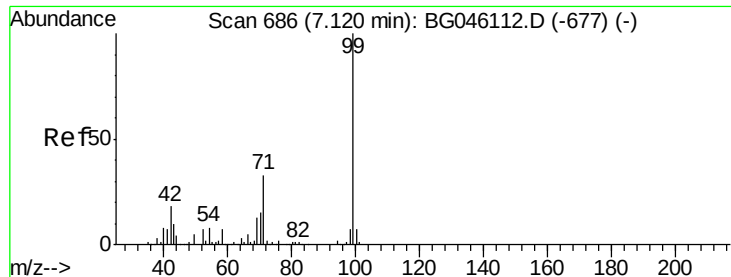
Tot Ion:152 Resp: 81109
 Ion Ratio Lower Upper
 152 100
 150 153.4 122.1 183.1
 115 53.6 43.2 64.8



#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





#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

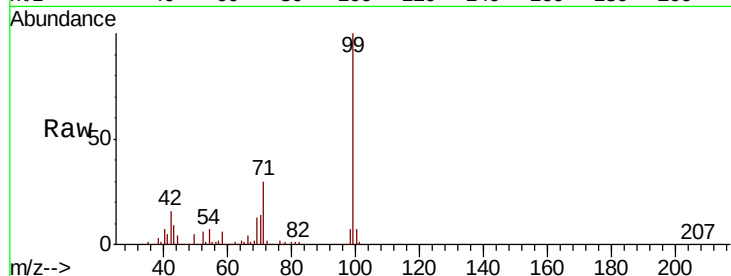
Tot Ion: 99 Resp: 260166

Ion Ratio Lower Upper

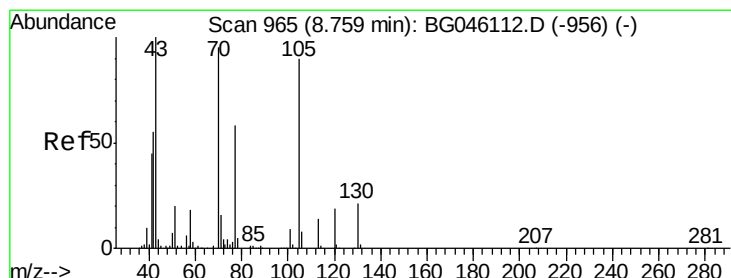
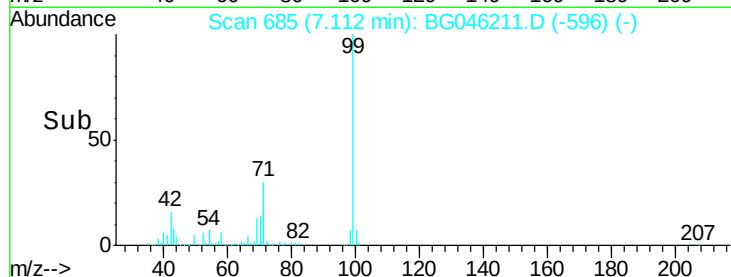
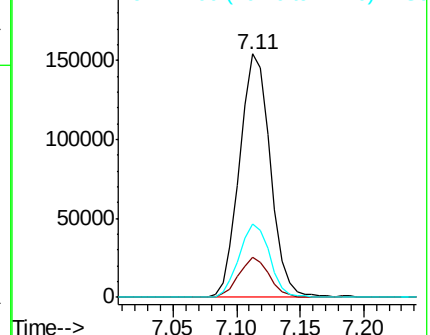
99 100

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



#19

n-Nitroso-di-n-propylamine

Concen: 13.012 ng

RT: 9.10 min Scan# 1024

Delta R.T. 0.34 min

Lab File: BG046211.D

Acq: 10 Aug 2020 18:04

Tgt Ion: 70 Resp: 53849

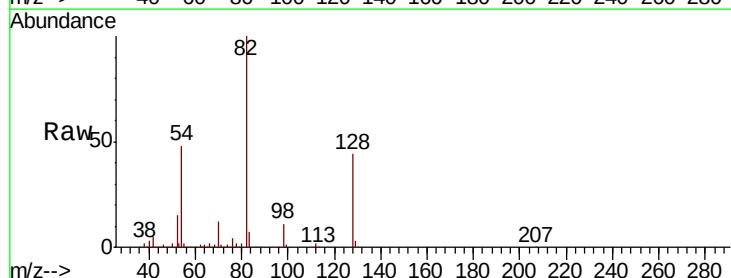
Ion Ratio Lower Upper

70 100

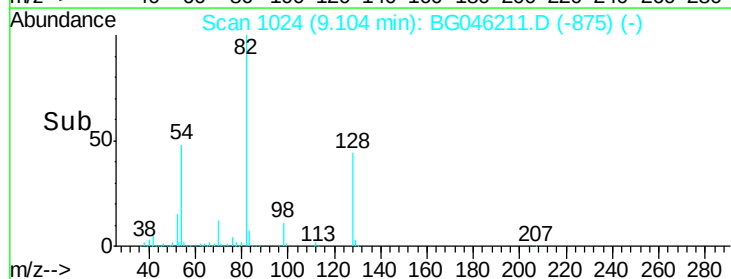
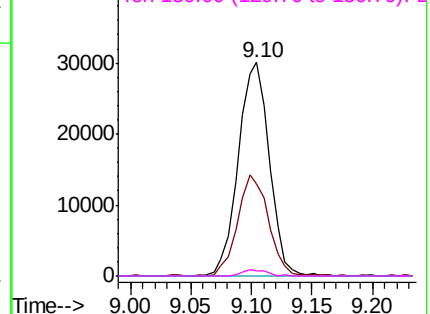
42 43.3 46.5 69.7#

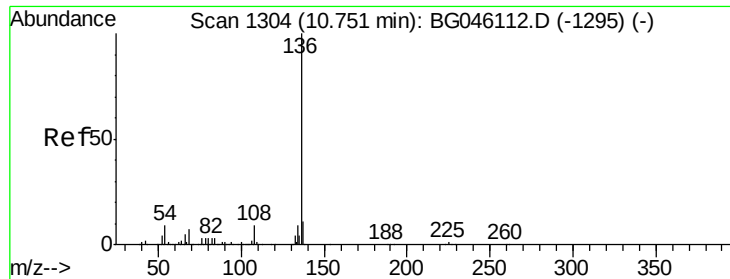
101 0.0 7.6 11.4#

130 2.2 17.3 25.9#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

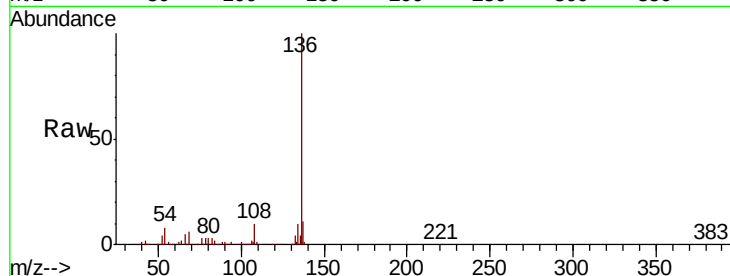




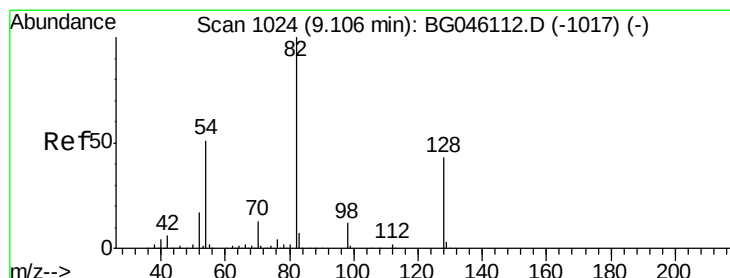
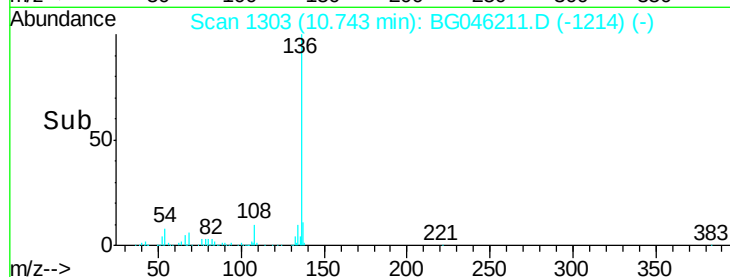
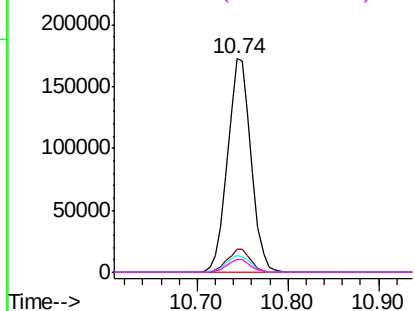
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.01 min
Lab File: BG046211.D
Acq: 10 Aug 2020 18:04

Instrument :
BNA_G
ClientSampleId :
0495-MODIFIED-ELUTRIATE

Tot 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

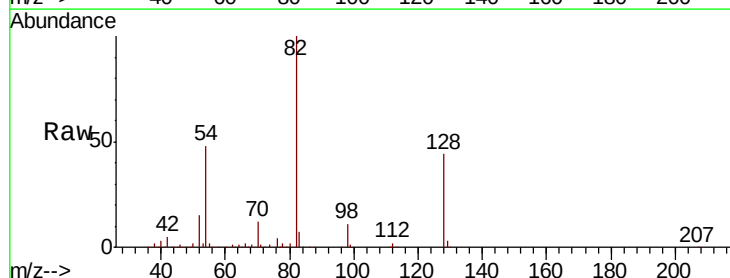


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

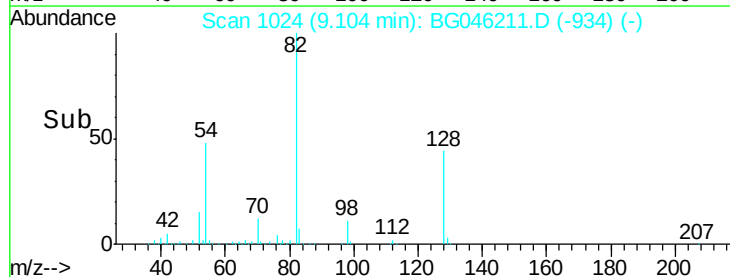
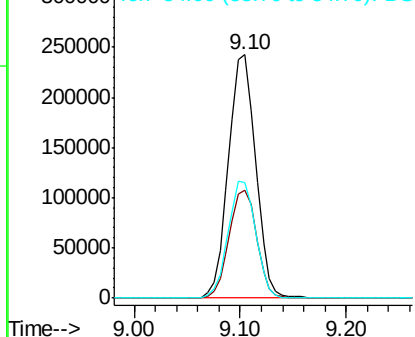


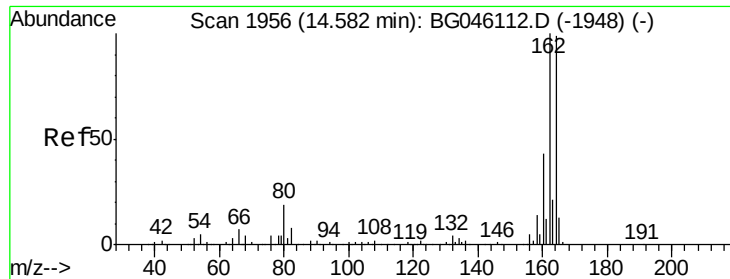
#23
Nitrobenzene-d5
Concen: 75.686 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BG046211.D
Acq: 10 Aug 2020 18:04

Tgt 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): E
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

Instrument :

BNA_G

ClientSampleId :

0495-MODIFIED-ELUTRIATE

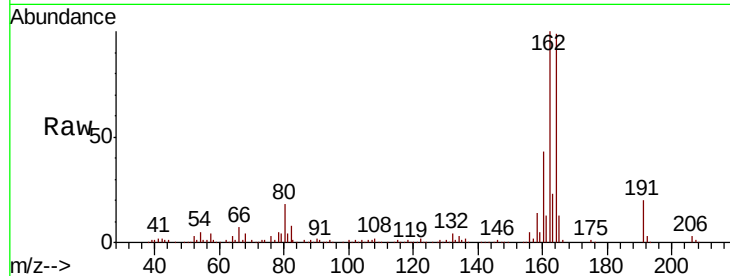
Tot Ion:164 Resp: 207321

Ion Ratio Lower Upper

164 100

162 100.7 80.6 121.0

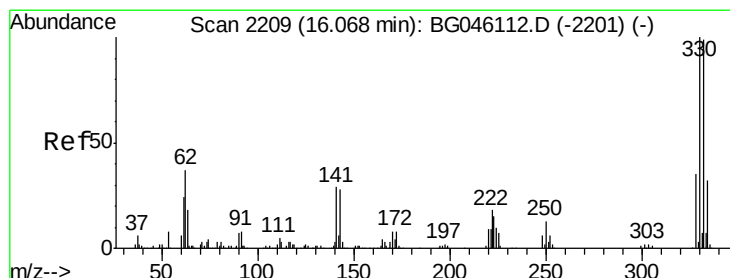
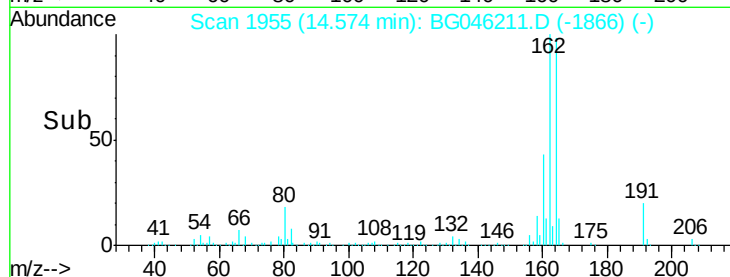
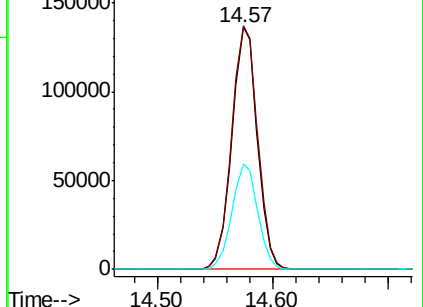
160 43.7 34.9 52.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#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

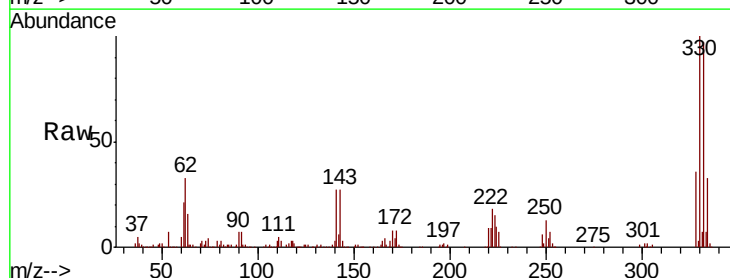
Tgt Ion:330 Resp: 458006

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

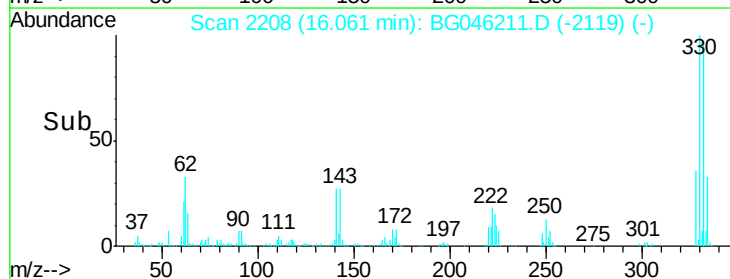
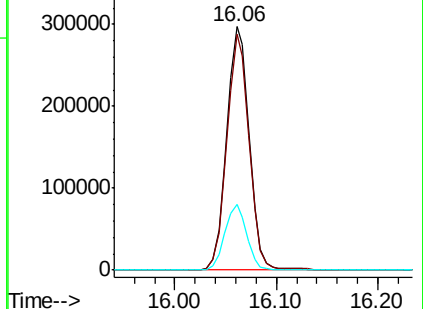
141 26.4 23.4 35.0

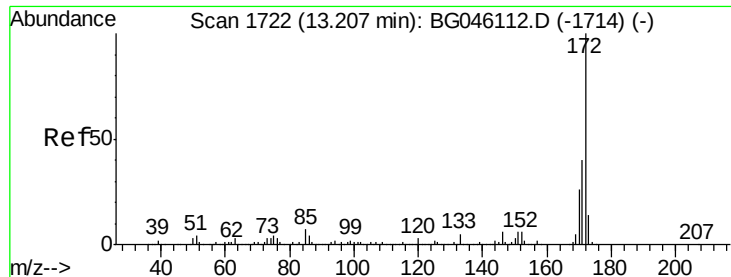


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

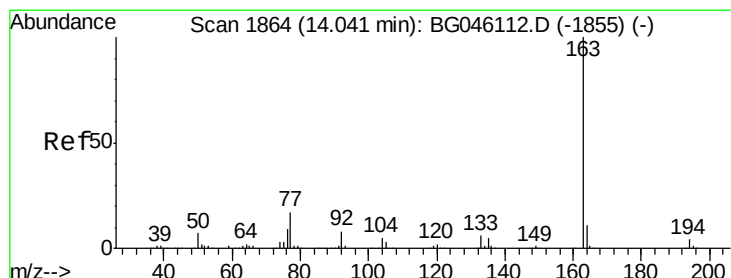
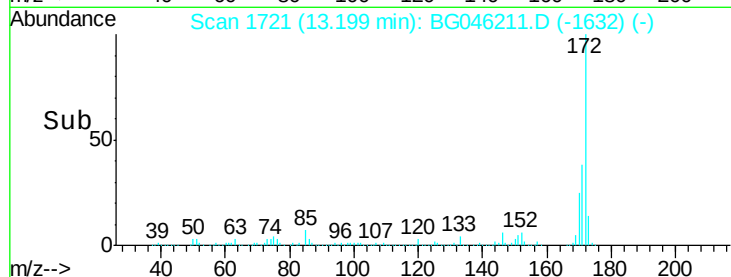
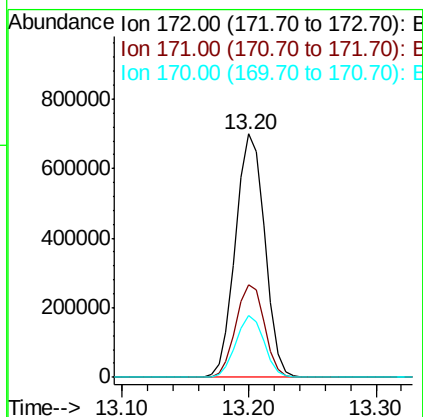
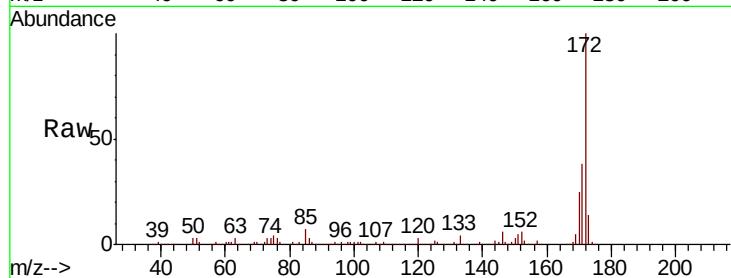




#45
2-Fluorobiphenyl
Concen: 78.377 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.01 min
Lab File: BG046211.D
Acq: 10 Aug 2020 18:04

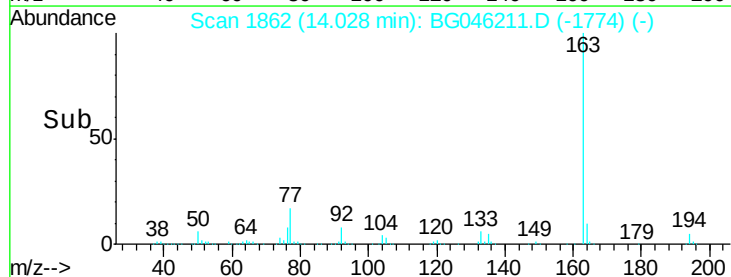
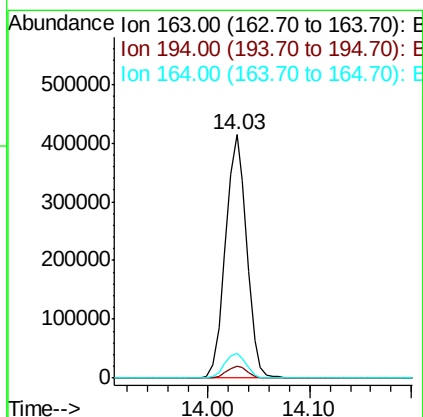
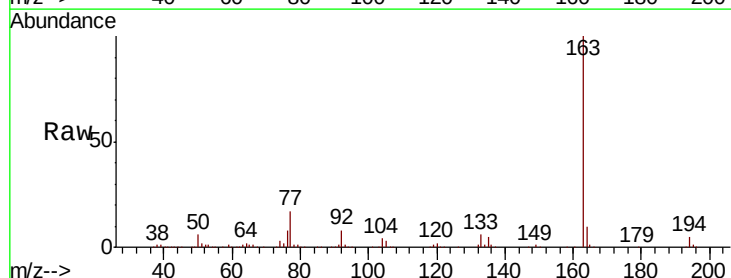
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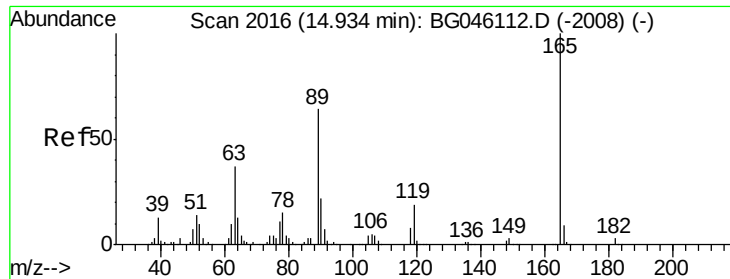
Tot Ion:172 Resp: 1118610
Ion Ratio Lower Upper
172 100
171 38.1 31.7 47.5
170 25.3 20.9 31.3



#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

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

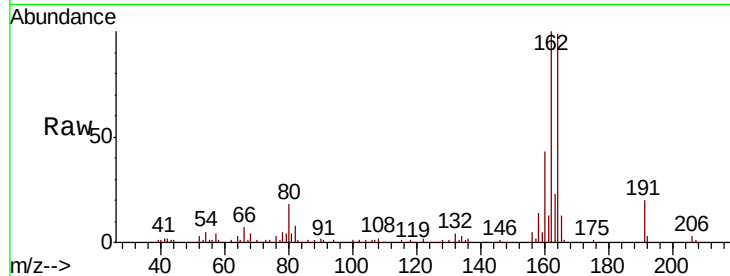




#57
 2,4-Dinitrotoluene
 Concen: 5.446 ng
 RT: 14.57 min Scan# 1955
 Delta R.T. -0.36 min
 Lab File: BG046211.D
 Acq: 10 Aug 2020 18:04

Instrument :
 BNA_G
 ClientSampleId :
 0495-MODIFIED-ELUTRIATE

Tot Ion	Ratio	Lower	Upper
165	100		
63	2.5	30.1	45.1#
89	2.8	51.4	77.2#
182	0.0	2.3	3.5#

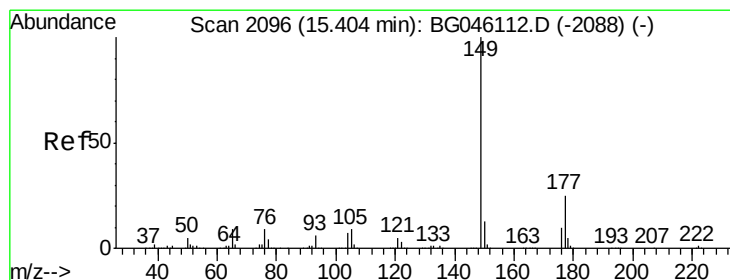
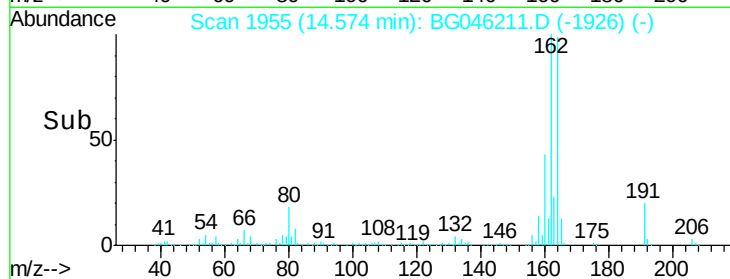
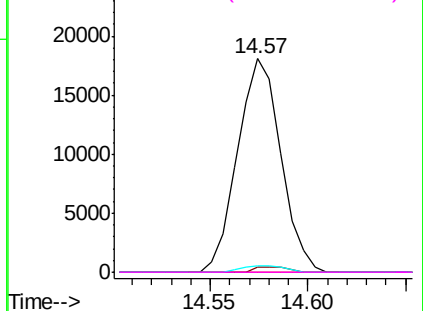


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

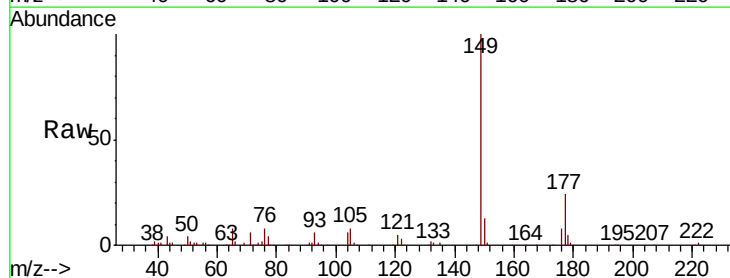
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#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

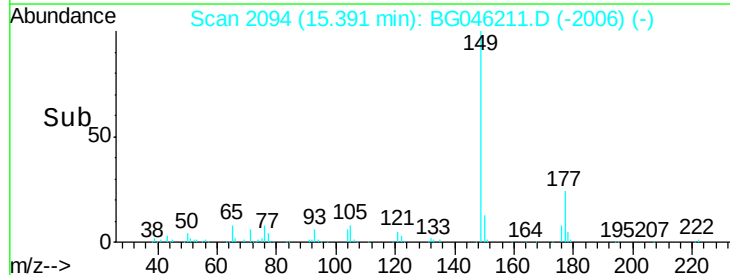
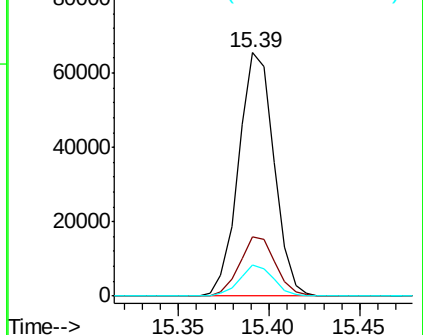
Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.7	29.5
150	12.8	10.8	16.2

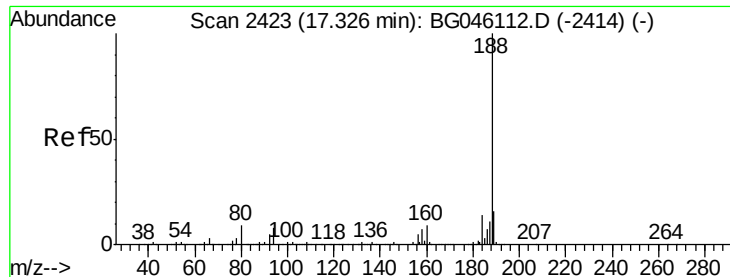


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





#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 :

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ClientSampleId :

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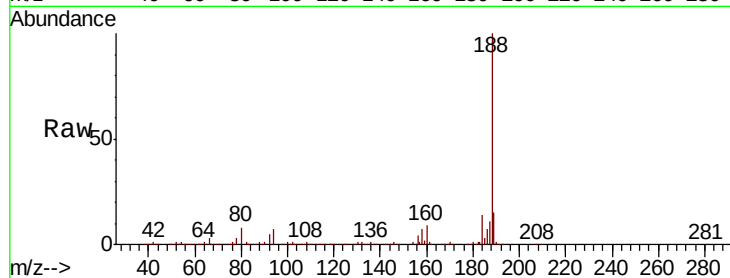
Tot Ion:188 Resp: 550265

Ion Ratio Lower Upper

188 100

94 7.3 6.4 9.6

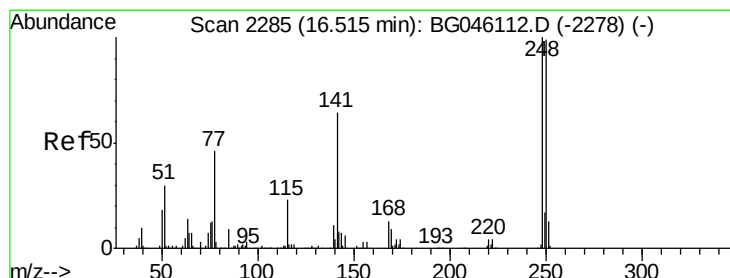
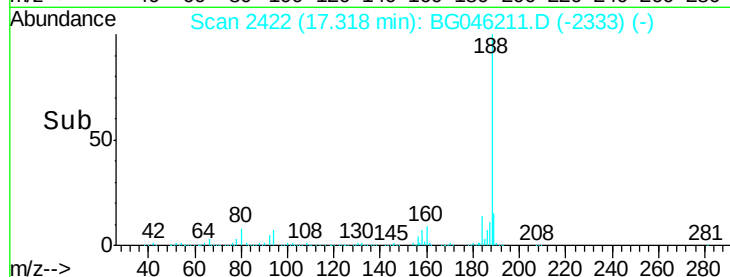
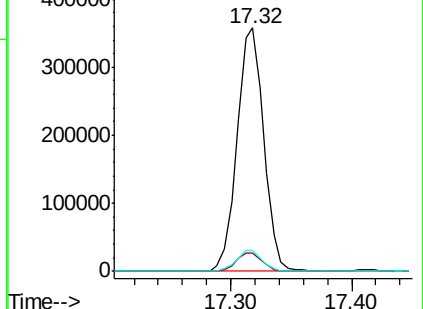
80 8.4 7.4 11.0



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



#67

4-Bromophenyl-phenylether

Concen: 4.100 ng

RT: 16.06 min Scan# 2208

Delta R.T. -0.45 min

Lab File: BG046211.D

Acq: 10 Aug 2020 18:04

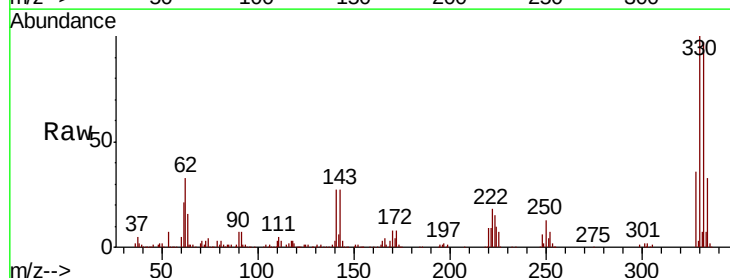
Tgt Ion:248 Resp: 27874

Ion Ratio Lower Upper

248 100

250 198.5 79.4 119.0#

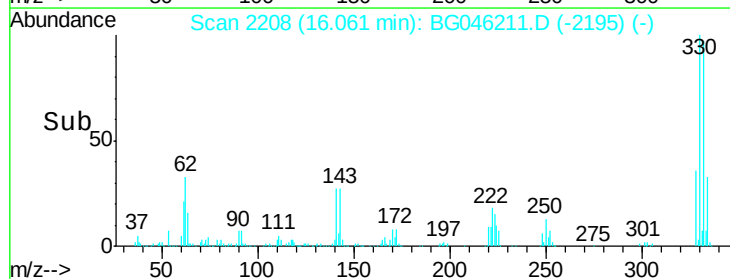
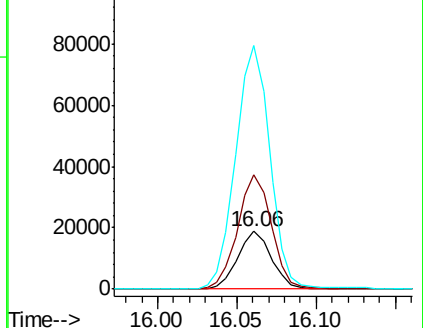
141 420.7 50.9 76.3#

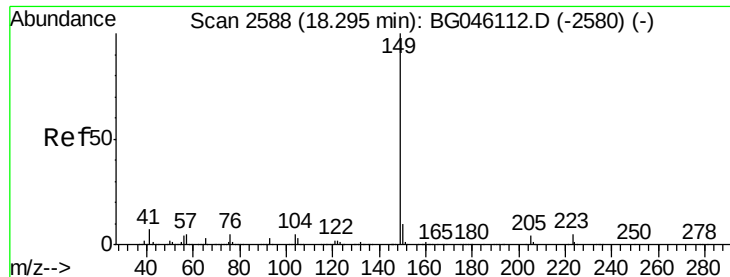


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#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

Instrument :

BNA_G

ClientSampleId :

0495-MODIFIED-ELUTRIATE

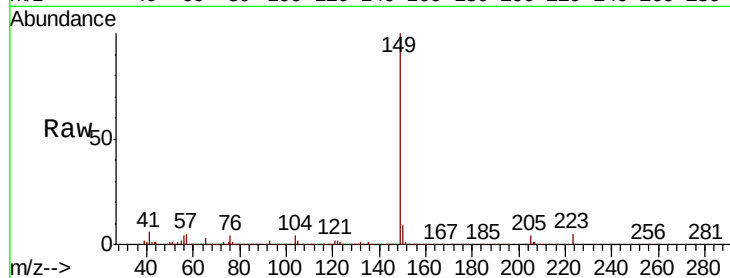
Tot Ion:149 Resp: 249800

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

250000

200000

150000

100000

50000

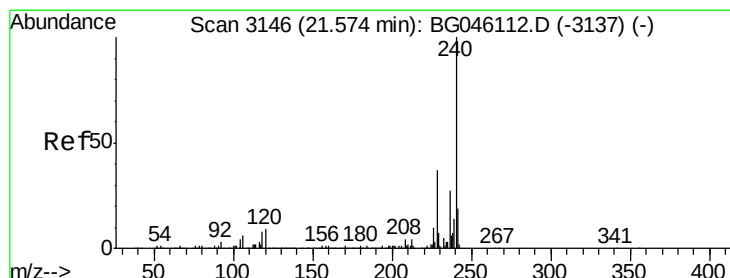
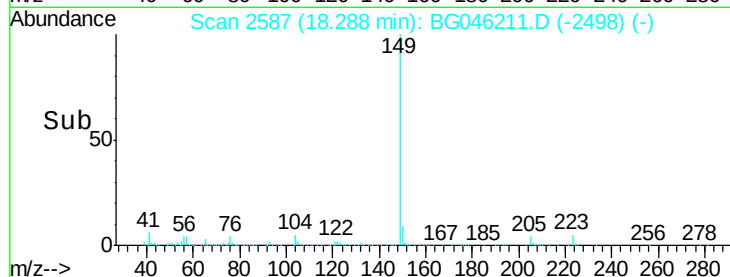
0

18.29

18.20

18.30

Time-->



#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

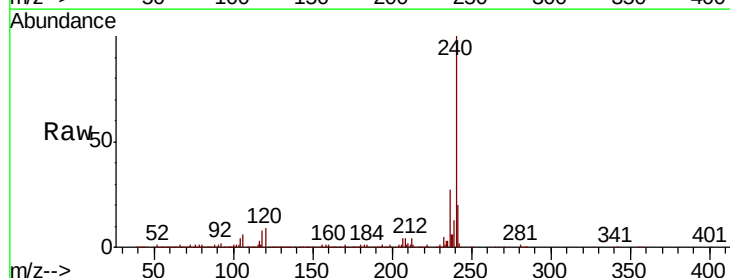
Tgt Ion:240 Resp: 725237

Ion Ratio Lower Upper

240 100

120 8.6 7.1 10.7

236 26.7 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

600000

500000

400000

300000

200000

100000

0

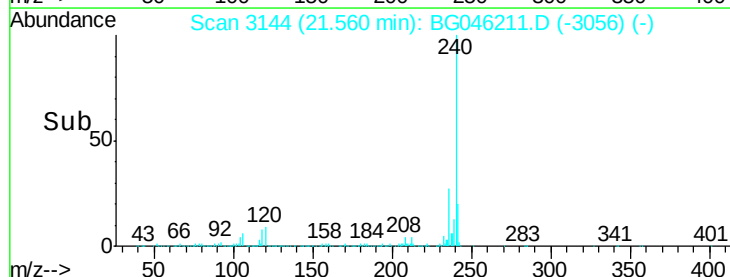
21.56

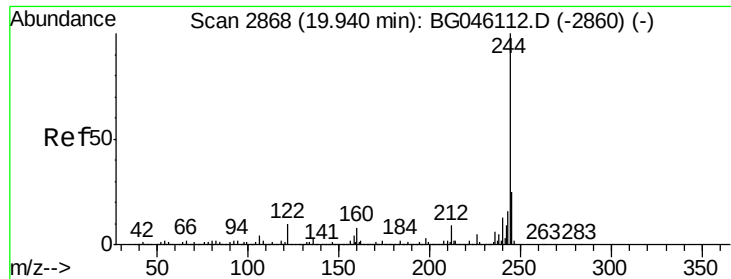
21.50

21.60

21.70

Time-->





#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

Instrument :

BNA_G

ClientSampleId :

0495-MODIFIED-ELUTRIATE

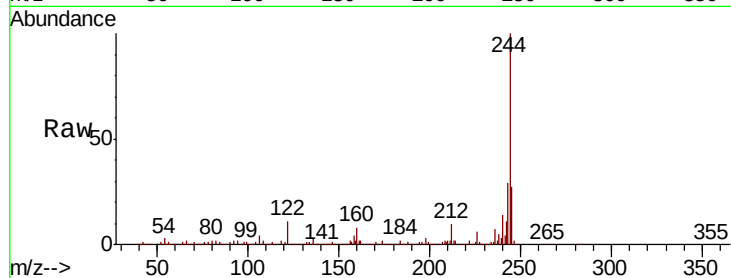
Tot Ion:244 Resp: 2273841

Ion Ratio Lower Upper

244 100

212 9.5 7.2 10.8

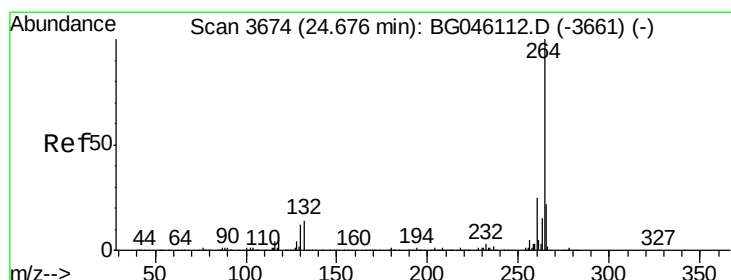
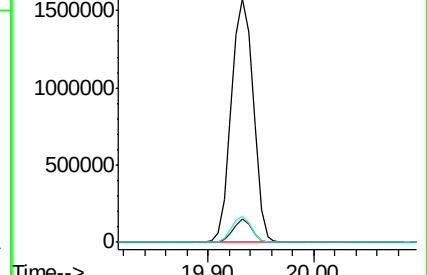
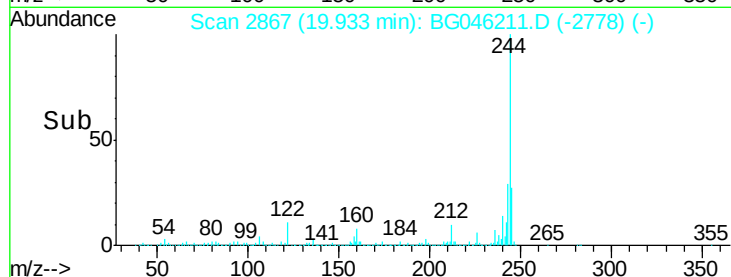
122 10.7 8.3 12.5



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



#86

Perylene-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

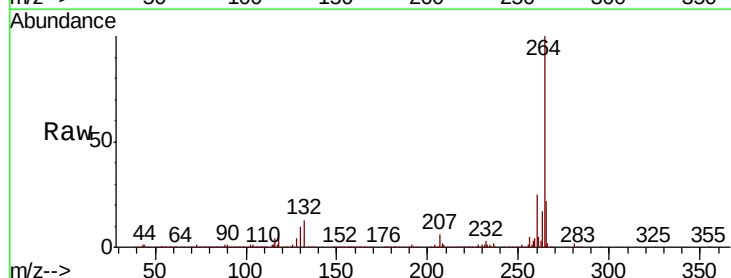
Tgt Ion:264 Resp: 760262

Ion Ratio Lower Upper

264 100

260 24.7 19.7 29.5

265 22.3 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

