

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055633.D
 Acq On : 15 Nov 2022 22:32
 Operator : CG/JU
 Sample : N5431-06RE
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE

Quant Time: Nov 16 01:46:37 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 01:36:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

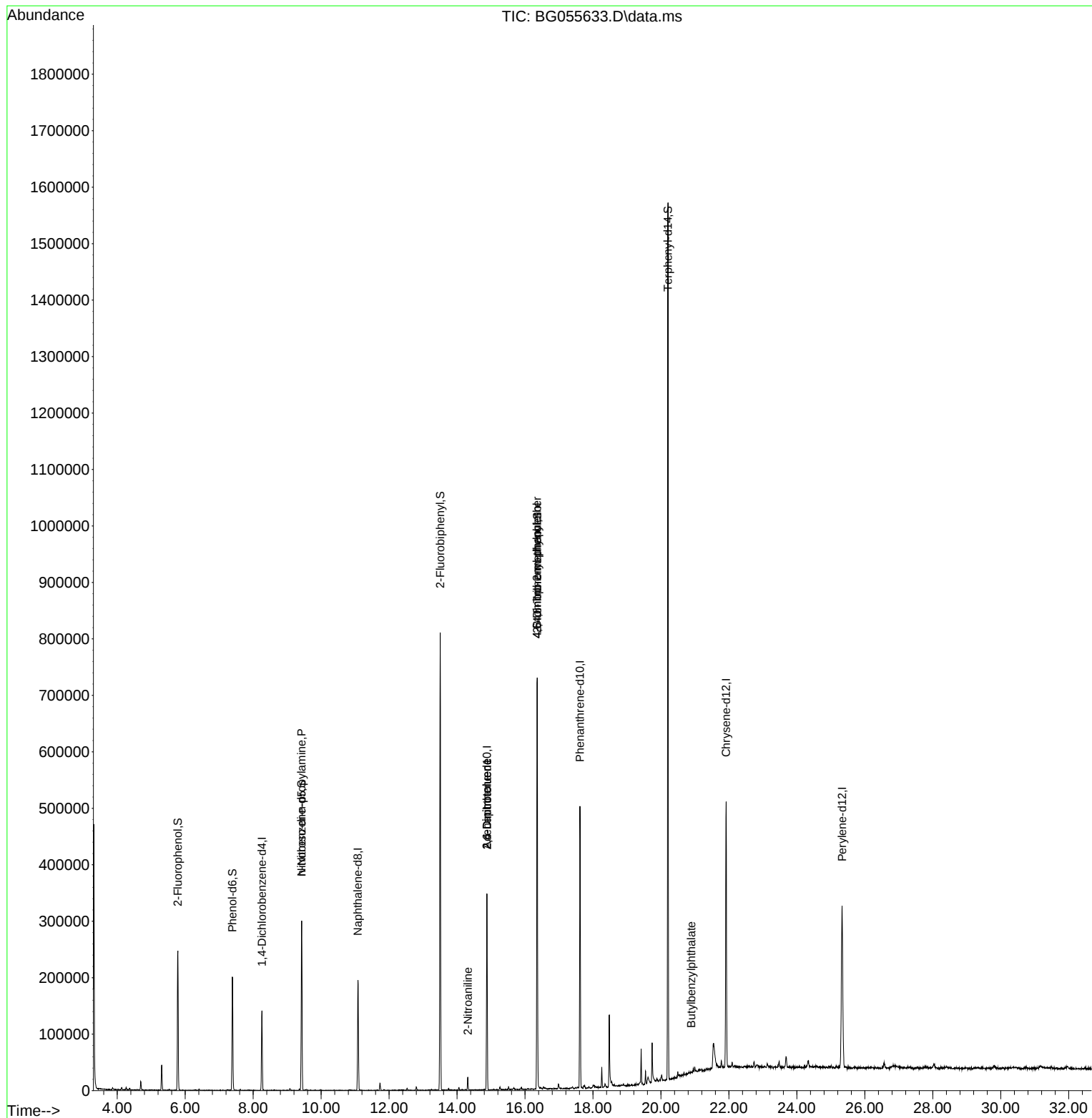
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.256	152	40507	20.000	ng	0.00
21) Naphthalene-d8	11.082	136	169333	20.000	ng	0.00
39) Acenaphthene-d10	14.878	164	123332	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	310284	20.000	ng	0.00
76) Chrysene-d12	21.917	240	300396	20.000	ng	0.00
86) Perylene-d12	25.330	264	309962	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.783	112	107512	50.554	ng	0.00
7) Phenol-d6	7.387	99	116675	39.718	ng	-0.01
23) Nitrobenzene-d5	9.425	82	173043	69.277	ng	0.00
42) 2,4,6-Tribromophenol	16.358	330	155404	129.142	ng	0.00
45) 2-Fluorobiphenyl	13.503	172	419297	51.282	ng	0.00
79) Terphenyl-d14	20.207	244	793702	53.070	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.425	70	23848	9.823	ng	# 78
48) 2-Nitroaniline	14.320	65	123	3.850	ng	# 1
51) 2,6-Dinitrotoluene	14.878	165	16027	12.242	ng	# 22
57) 2,4-Dinitrotoluene	14.878	165	16027	10.432	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.353	198	378	2.395	ng	# 1
67) 4-Bromophenyl-phenylether	16.353	248	10195	3.221	ng	# 1
80) Butylbenzylphthalate	20.888	149	376	3.410	ng	# 66

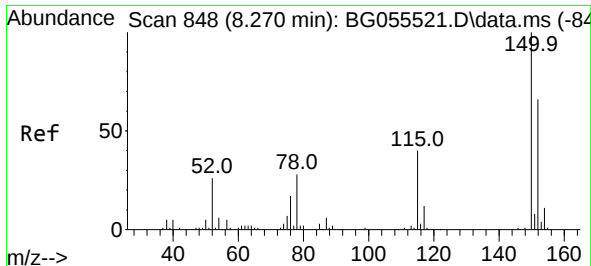
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
Data File : BG055633.D
Acq On : 15 Nov 2022 22:32
Operator : CG/JU
Sample : N5431-06RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE

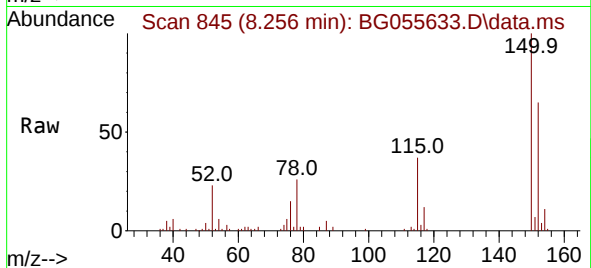
Quant Time: Nov 16 01:46:37 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 01:36:26 2022
Response via : Initial Calibration



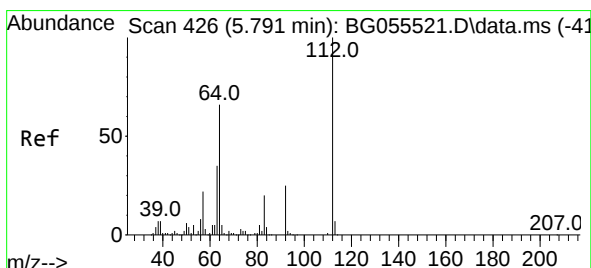
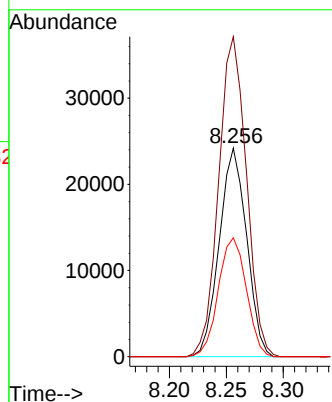
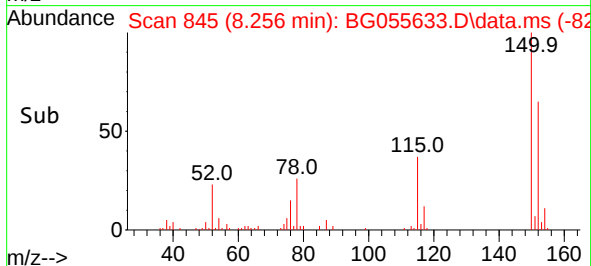


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.256 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

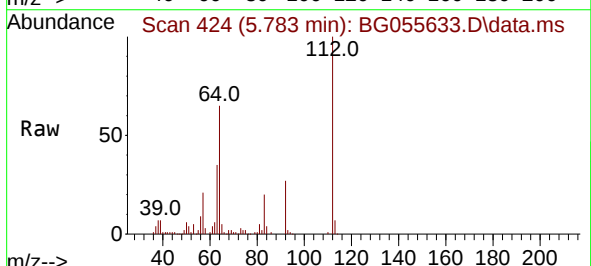
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE



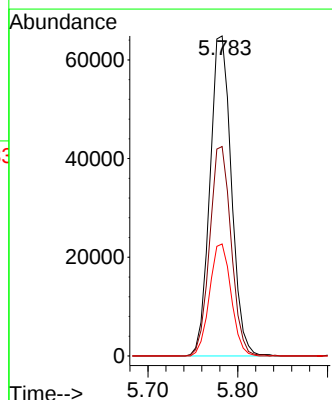
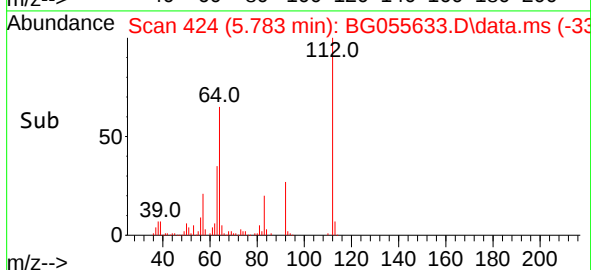
Tgt Ion:152 Resp: 40507
Ion Ratio Lower Upper
152 100
150 153.5 121.0 181.4
115 57.0 47.8 71.8



#5
2-Fluorophenol
Concen: 50.554 ng
RT: 5.783 min Scan# 424
Delta R.T. 0.001 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32



Tgt Ion:112 Resp: 107512
Ion Ratio Lower Upper
112 100
64 65.4 52.6 78.8
63 35.0 28.3 42.5

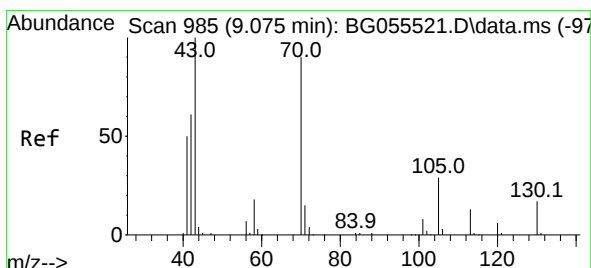
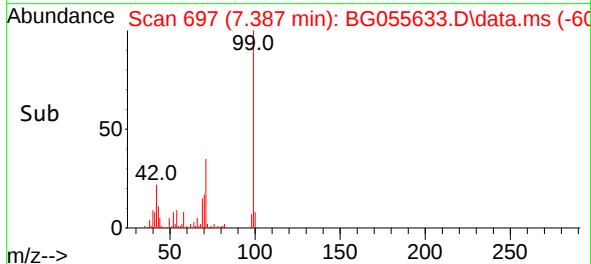
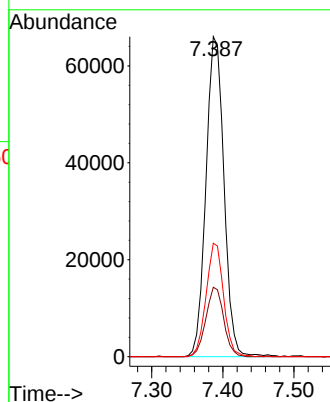
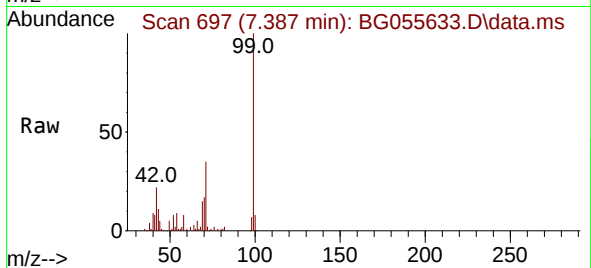




#7
Phenol-d6
Concen: 39.718 ng
RT: 7.387 min Scan# 61
Delta R.T. -0.010 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

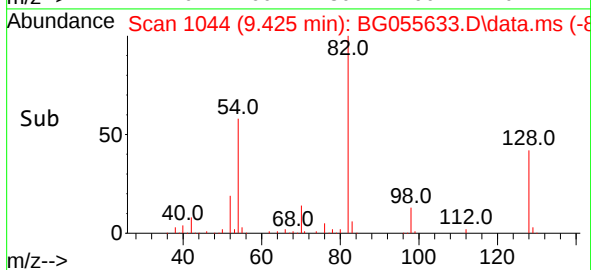
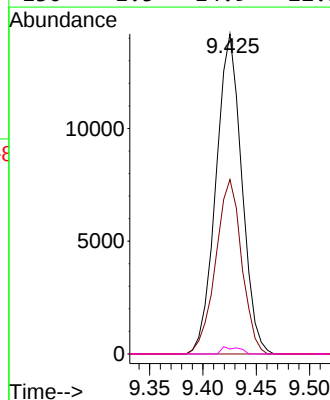
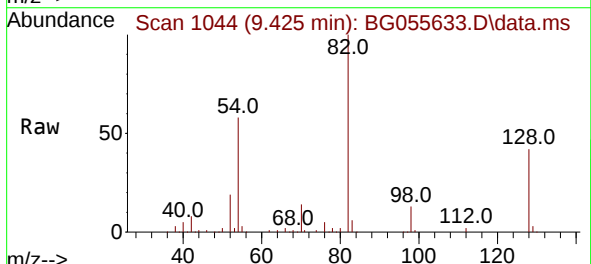
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE

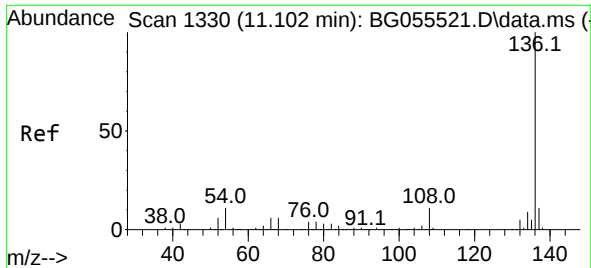
Tgt Ion: 99 Resp: 116675
Ion Ratio Lower Upper
99 100
42 21.7 17.5 26.3
71 35.4 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 9.823 ng
RT: 9.425 min Scan# 1044
Delta R.T. 0.360 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

Tgt Ion: 70 Resp: 23848
Ion Ratio Lower Upper
70 100
42 54.5 54.8 82.2#
101 0.0 6.8 10.2#
130 1.5 14.9 22.3#

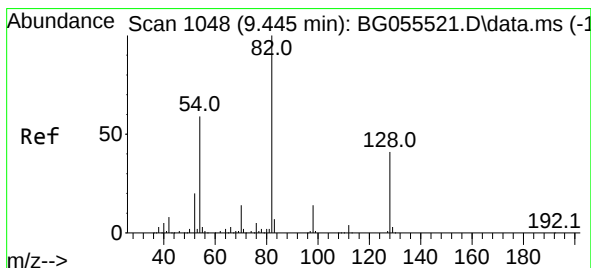
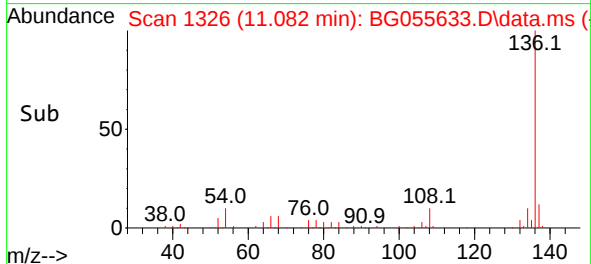
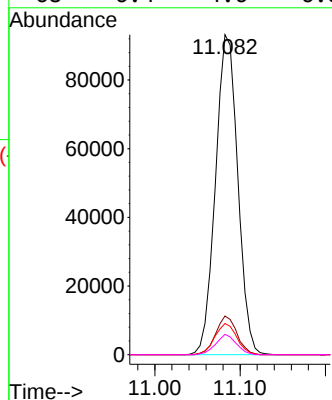
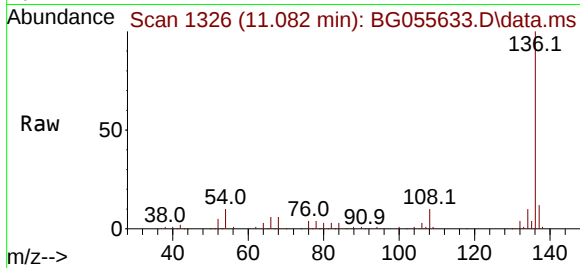




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.082 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

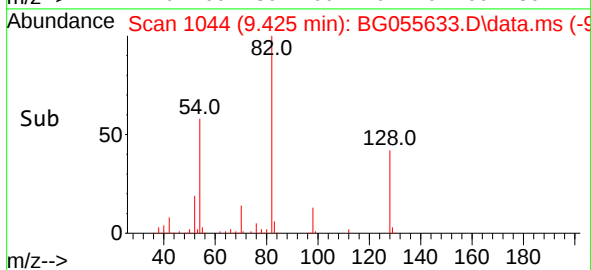
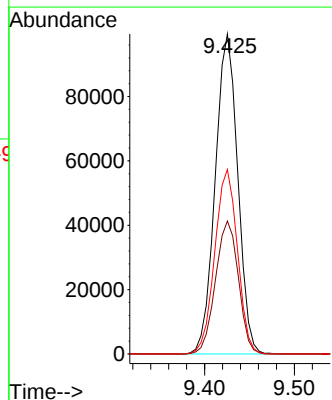
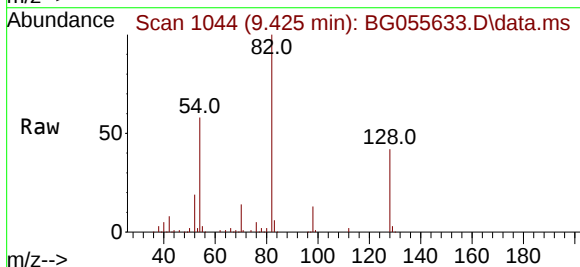
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE

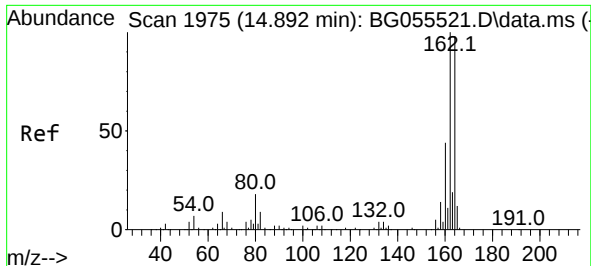
Tgt Ion:	136	Resp:	169333
Ion	Ratio	Lower	Upper
136	100		
137	12.1	8.6	12.8
54	9.7	8.6	12.8
68	6.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 69.277 ng
RT: 9.425 min Scan# 1044
Delta R.T. -0.005 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

Tgt Ion:	82	Resp:	173043
Ion	Ratio	Lower	Upper
82	100		
128	41.5	32.6	49.0
54	57.7	47.3	70.9

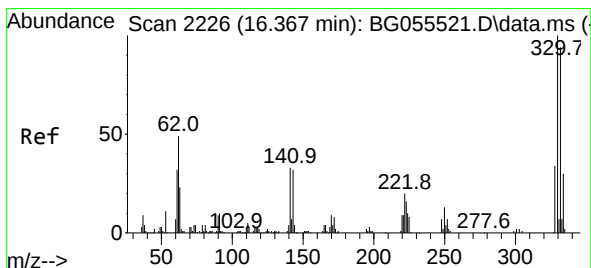
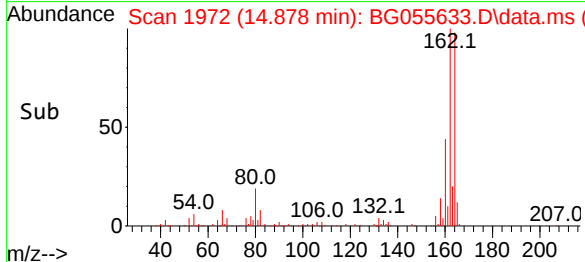
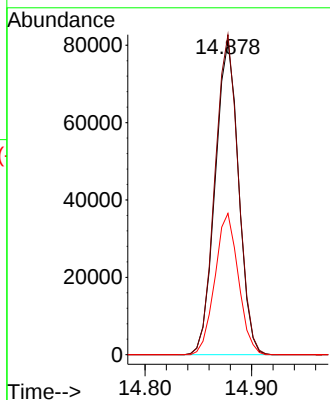
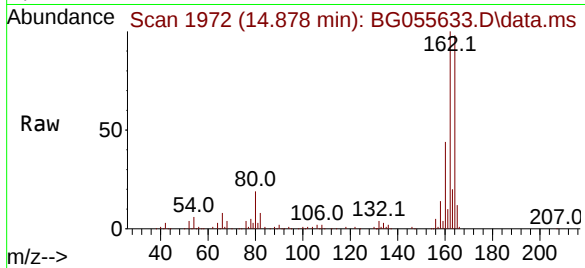




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.878 min Scan# 1975
Delta R.T. -0.005 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

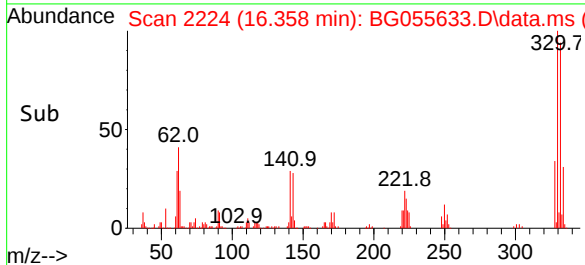
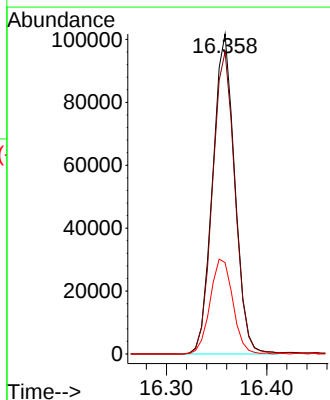
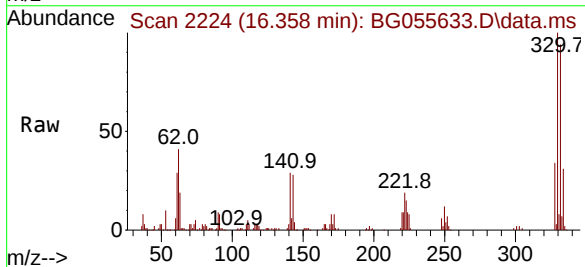
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE

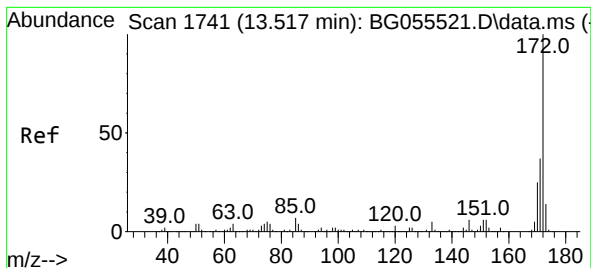
Tgt Ion:164 Resp: 123332
Ion Ratio Lower Upper
164 100
162 102.1 81.3 121.9
160 45.1 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 129.142 ng
RT: 16.358 min Scan# 2224
Delta R.T. -0.005 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

Tgt Ion:330 Resp: 155404
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 30.6 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 51.282 ng

RT: 13.503 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG055633.D

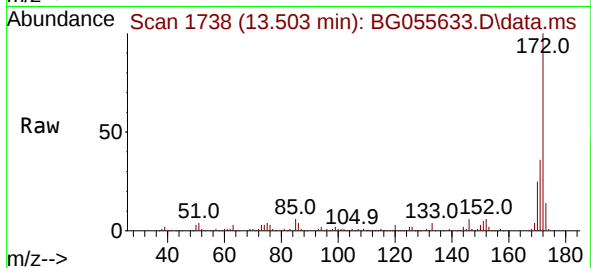
Acq: 15 Nov 2022 22:32

Instrument :

BNA_G

ClientSampleId :

DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE



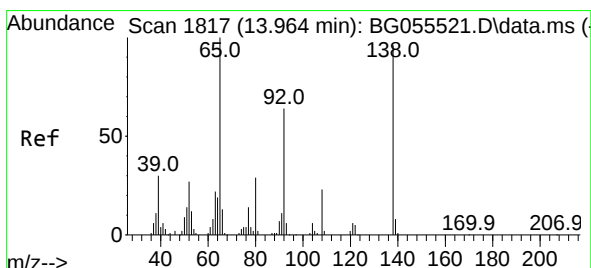
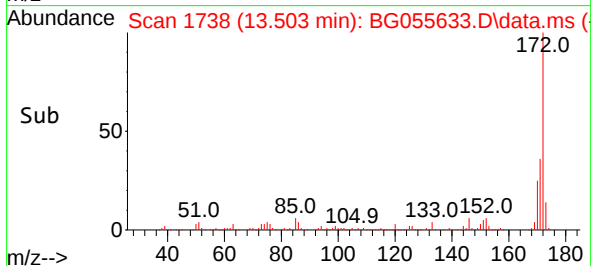
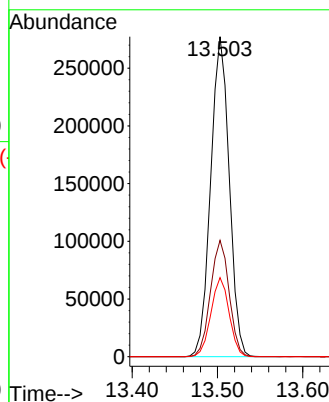
Tgt Ion:172 Resp: 419297

Ion Ratio Lower Upper

172 100

171 36.3 29.7 44.5

170 24.7 19.8 29.6



#48

2-Nitroaniline

Concen: 3.850 ng

RT: 14.320 min Scan# 1877

Delta R.T. 0.360 min

Lab File: BG055633.D

Acq: 15 Nov 2022 22:32

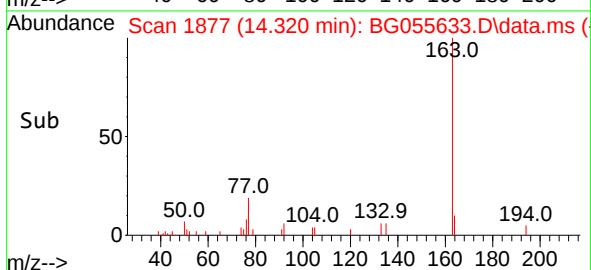
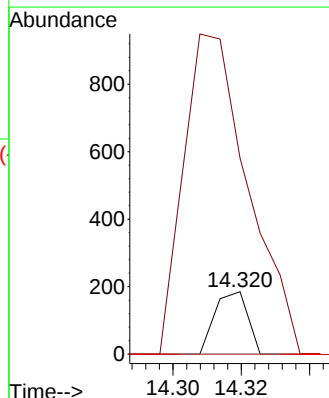
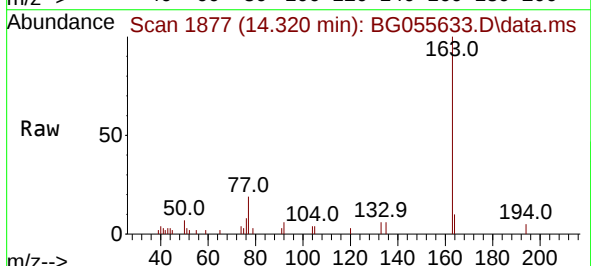
Tgt Ion: 65 Resp: 123

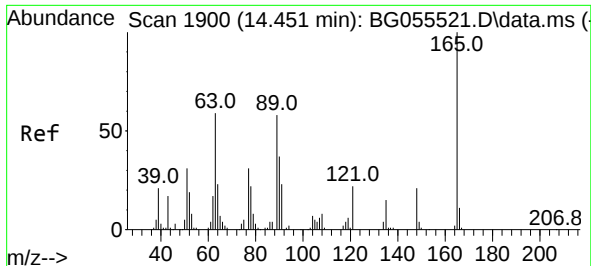
Ion Ratio Lower Upper

65 100

92 314.1 51.6 77.4#

138 0.0 77.0 115.4#

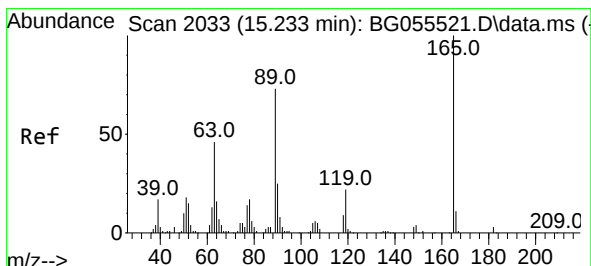
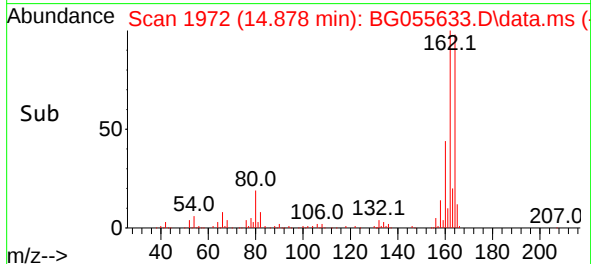
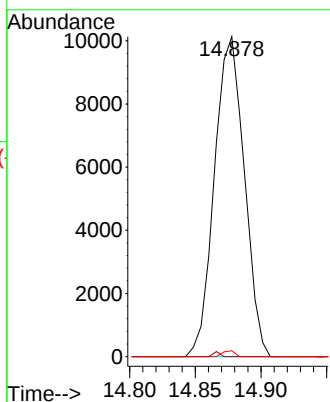
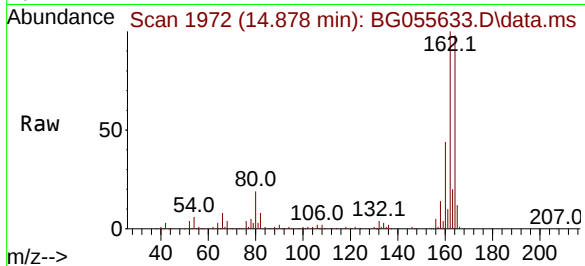




#51
2,6-Dinitrotoluene
Concen: 12.242 ng
RT: 14.878 min Scan# 1900
Delta R.T. 0.430 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

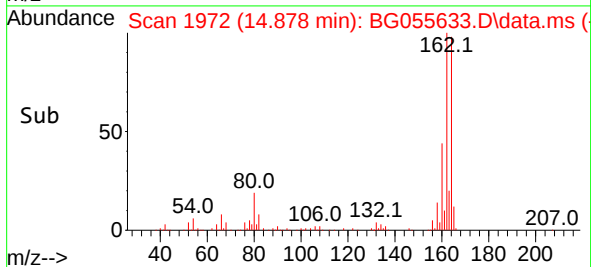
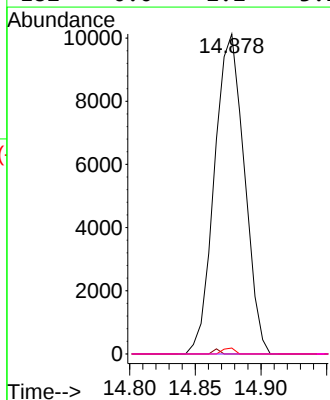
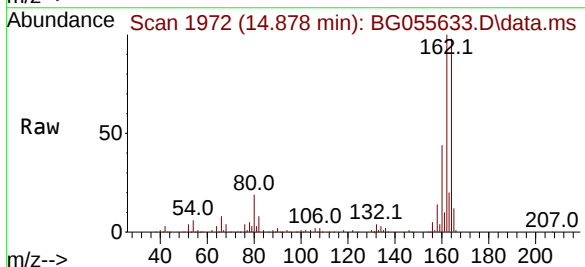
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE

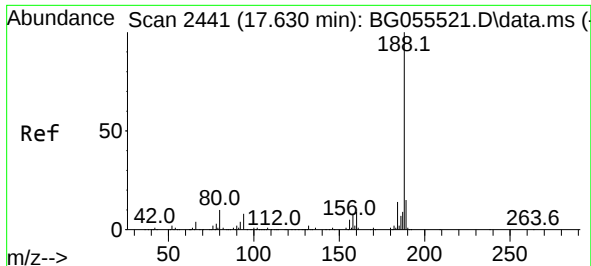
Tgt Ion:165 Resp: 16027
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 1.8 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.432 ng
RT: 14.878 min Scan# 1972
Delta R.T. -0.351 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

Tgt Ion:165 Resp: 16027
Ion Ratio Lower Upper
165 100
63 0.0 37.0 55.4#
89 1.8 58.6 87.8#
182 0.0 2.2 3.2#

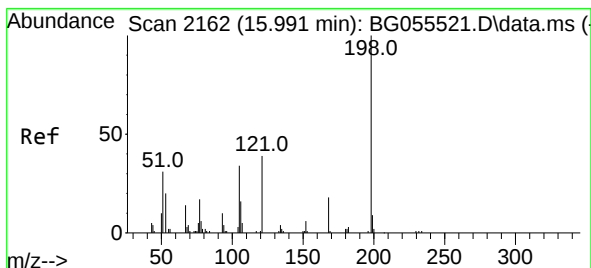
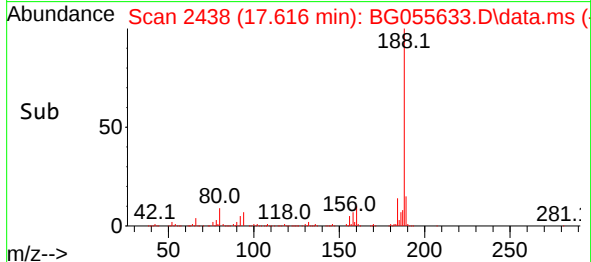
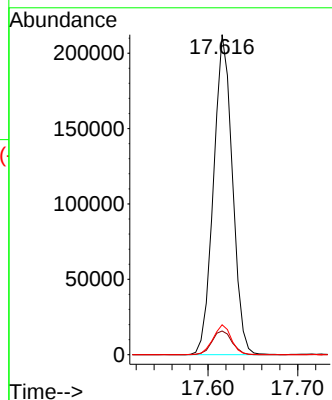
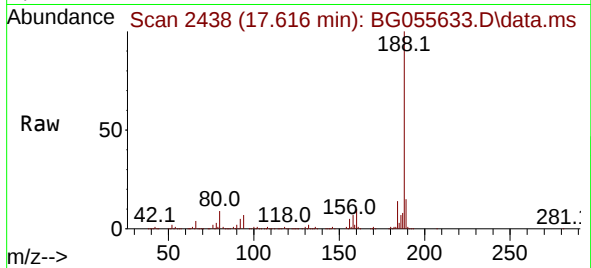




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.616 min Scan# 2441
Delta R.T. -0.005 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

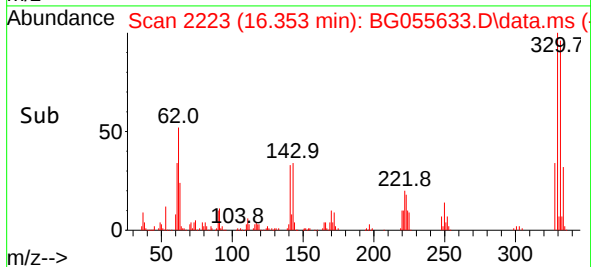
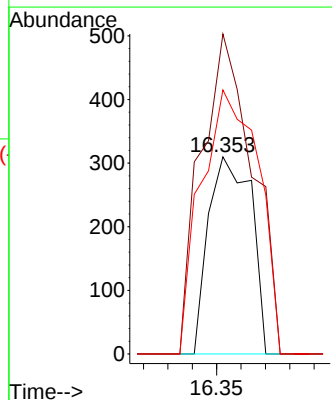
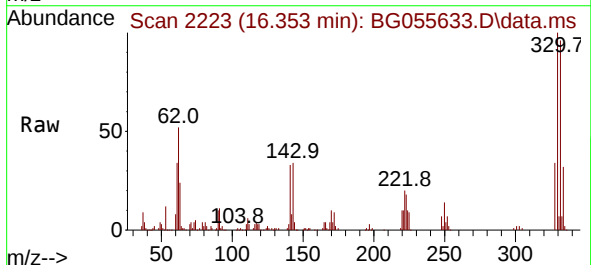
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE

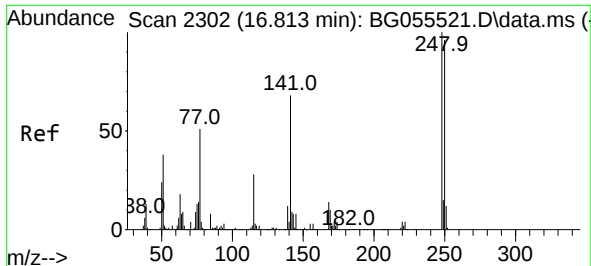
Tgt Ion:188 Resp: 310284
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 9.3 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.395 ng
RT: 16.353 min Scan# 2223
Delta R.T. 0.360 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

Tgt Ion:198 Resp: 378
Ion Ratio Lower Upper
198 100
51 162.3 24.7 64.7#
105 133.9 17.6 57.6#

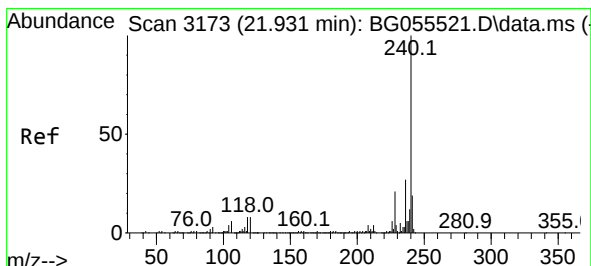
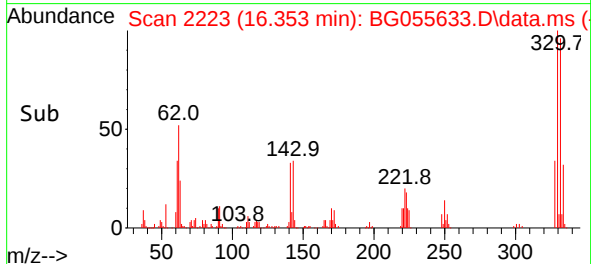
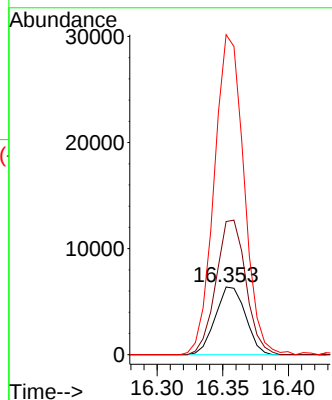
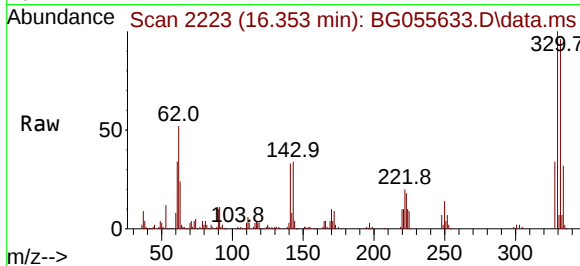




#67
4-Bromophenyl-phenylether
Concen: 3.221 ng
RT: 16.353 min Scan# 21
Delta R.T. -0.451 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

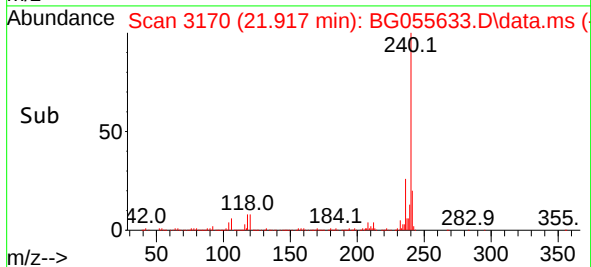
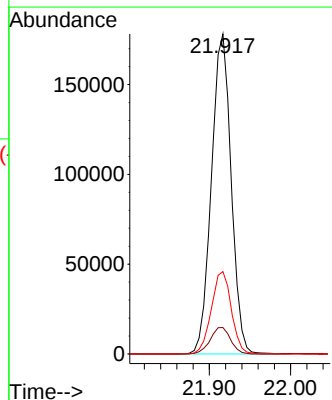
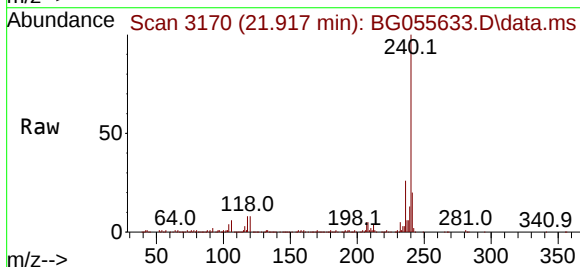
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE

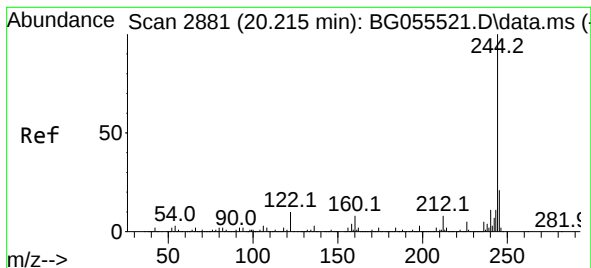
Tgt Ion:248 Resp: 10195
Ion Ratio Lower Upper
248 100
250 197.0 76.9 115.3#
141 473.2 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.917 min Scan# 3170
Delta R.T. -0.005 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

Tgt Ion:240 Resp: 300396
Ion Ratio Lower Upper
240 100
120 8.3 6.1 9.1
236 25.7 21.4 32.0





#79

Terphenyl-d14

Concen: 53.070 ng

RT: 20.207 min Scan# 21

Delta R.T. -0.005 min

Lab File: BG055633.D

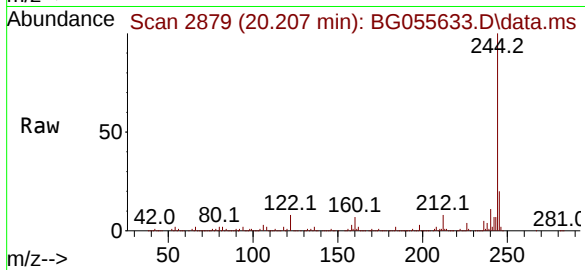
Acq: 15 Nov 2022 22:32

Instrument :

BNA_G

ClientSampleId :

DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE



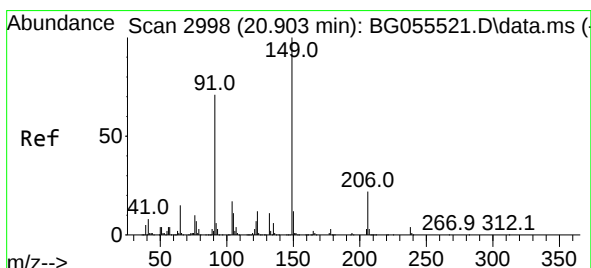
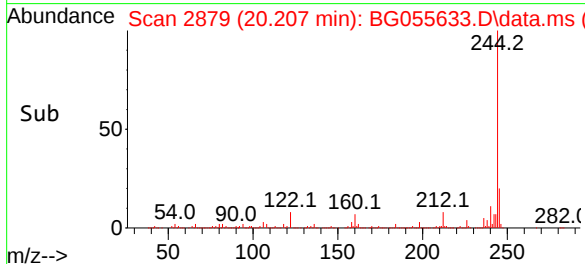
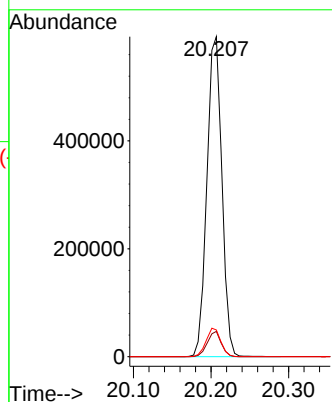
Tgt Ion:244 Resp: 793702

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

122 8.4 7.7 11.5



#80

Butylbenzylphthalate

Concen: 3.410 ng

RT: 20.888 min Scan# 2995

Delta R.T. -0.005 min

Lab File: BG055633.D

Acq: 15 Nov 2022 22:32

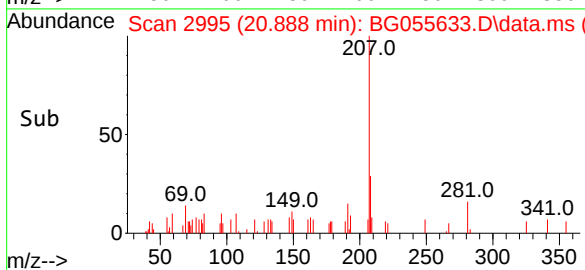
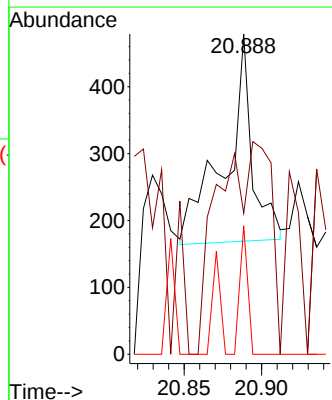
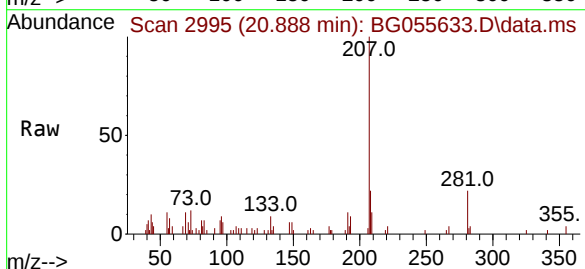
Tgt Ion:149 Resp: 376

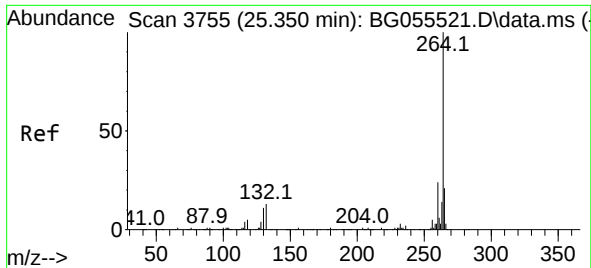
Ion Ratio Lower Upper

149 100

91 44.1 56.8 85.2#

206 40.1 17.3 25.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.330 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG055633.D
Acq: 15 Nov 2022 22:32

Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221176-COMP-11-MODIFIED-ELUTRIATE

Tgt Ion:264 Resp: 309962

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.4	29.2
265	21.1	17.1	25.7

