

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
 Data File : BG055594.D
 Acq On : 12 Nov 2022 18:01
 Operator : CG/JU
 Sample : N5431-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATE

Quant Time: Nov 14 03:29:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

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

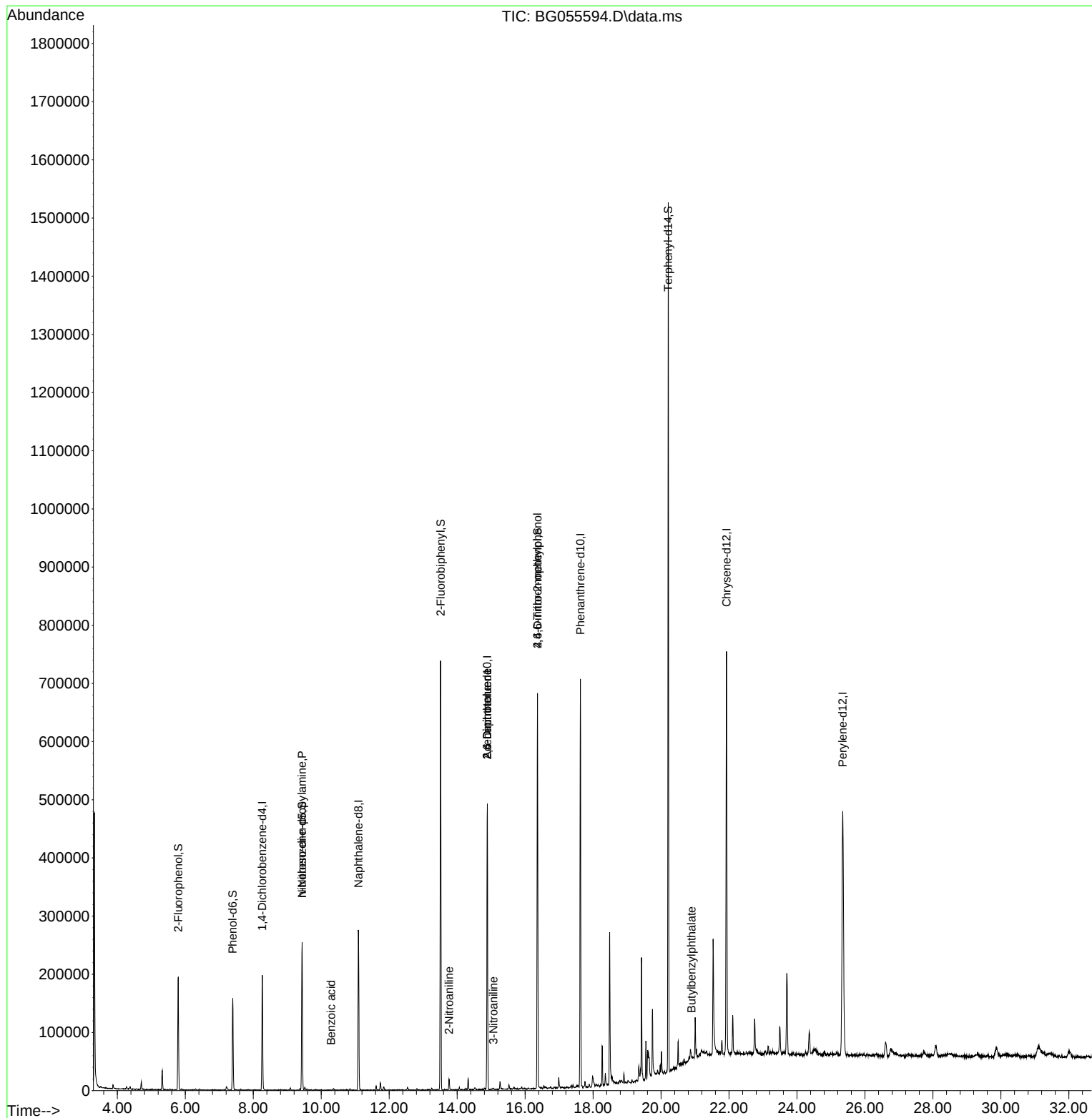
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.266	152	55689	20.000	ng	0.00
21) Naphthalene-d8	11.098	136	234240	20.000	ng	0.00
39) Acenaphthene-d10	14.888	164	176329	20.000	ng	0.00
64) Phenanthrene-d10	17.626	188	445500	20.000	ng	0.00
76) Chrysene-d12	21.927	240	452350	20.000	ng	0.00
86) Perylene-d12	25.346	264	483292	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.793	112	84420	28.874	ng	0.00
7) Phenol-d6	7.397	99	87190	21.589	ng	0.00
23) Nitrobenzene-d5	9.436	82	147366	42.649	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	140993	81.951	ng	0.00
45) 2-Fluorobiphenyl	13.513	172	378951	32.417	ng	0.00
79) Terphenyl-d14	20.211	244	727848	32.318	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.436	70	20375	6.105	ng	# 78
32) Benzoic acid	10.288	122	111	4.377	ng	# 49
48) 2-Nitroaniline	13.760	65	482	3.960	ng	# 8
51) 2,6-Dinitrotoluene	14.888	165	22962	12.261	ng	# 23
53) 3-Nitroaniline	15.070	138	71	3.802	ng	# 1
57) 2,4-Dinitrotoluene	14.888	165	22962	10.446	ng	# 24
65) 4,6-Dinitro-2-methylph...	16.363	198	164	2.036	ng	# 1
80) Butylbenzylphthalate	20.899	149	604	3.413	ng	# 57

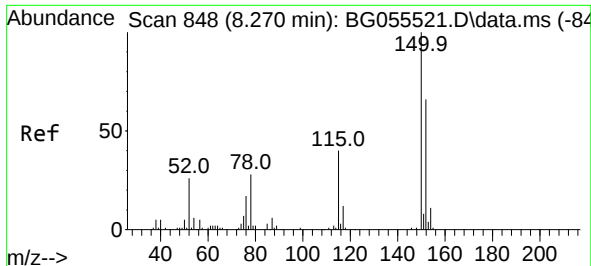
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
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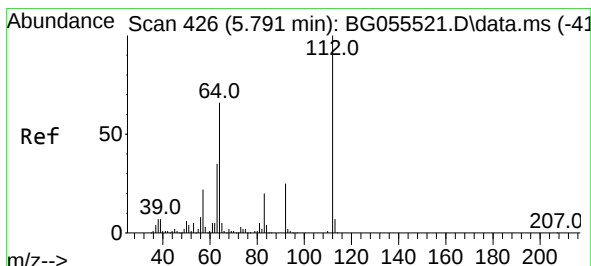
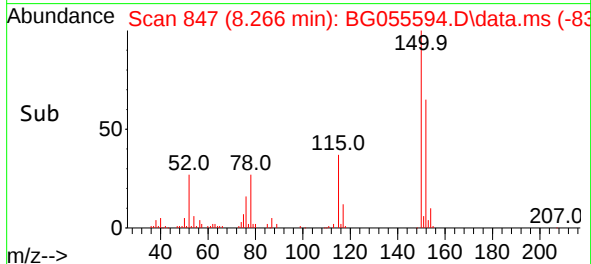
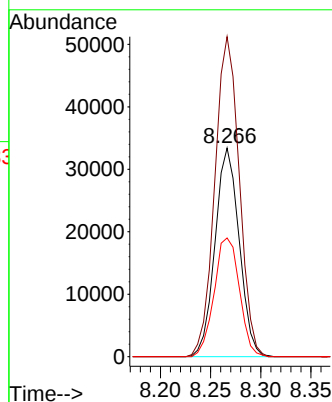
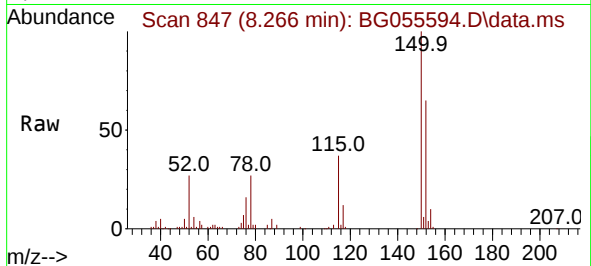




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.266 min Scan# 848
 Delta R.T. -0.004 min
 Lab File: BG055594.D
 Acq: 12 Nov 2022 18:01

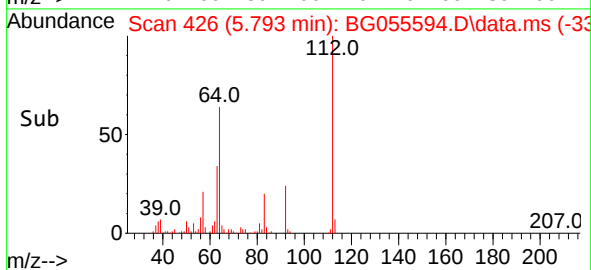
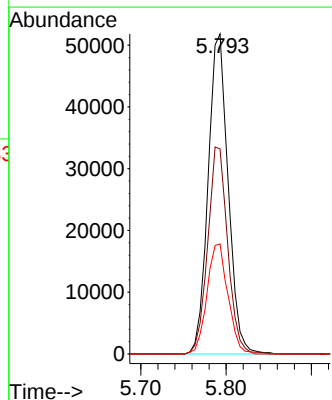
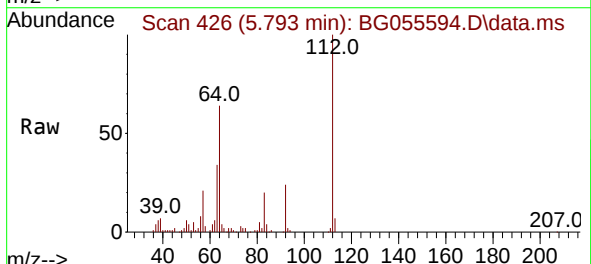
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 BNA_G
 ClientSampleId :
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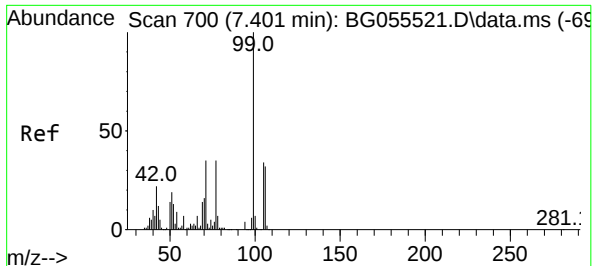
Tgt Ion:152 Resp: 55689
 Ion Ratio Lower Upper
 152 100
 150 153.4 121.0 181.4
 115 56.9 47.8 71.8



#5
 2-Fluorophenol
 Concen: 28.874 ng
 RT: 5.793 min Scan# 426
 Delta R.T. 0.002 min
 Lab File: BG055594.D
 Acq: 12 Nov 2022 18:01

Tgt Ion:112 Resp: 84420
 Ion Ratio Lower Upper
 112 100
 64 64.1 52.6 78.8
 63 34.4 28.3 42.5

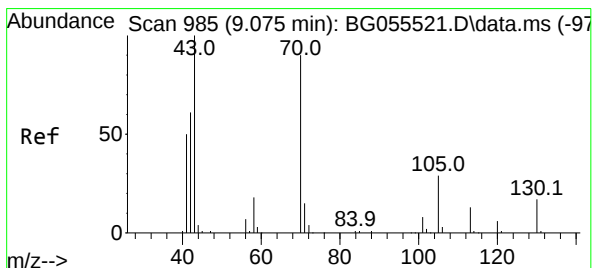
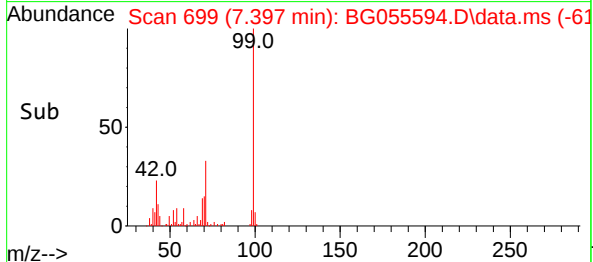
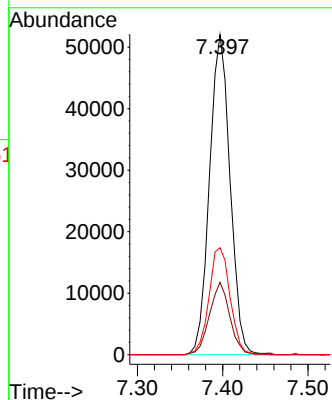
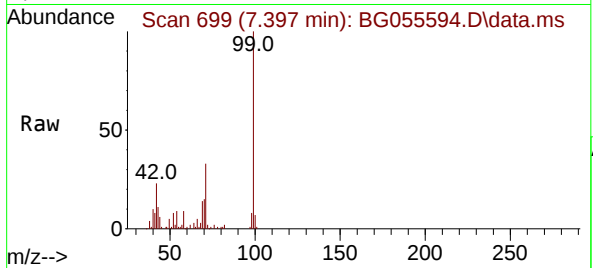




#7
Phenol-d6
Concen: 21.589 ng
RT: 7.397 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

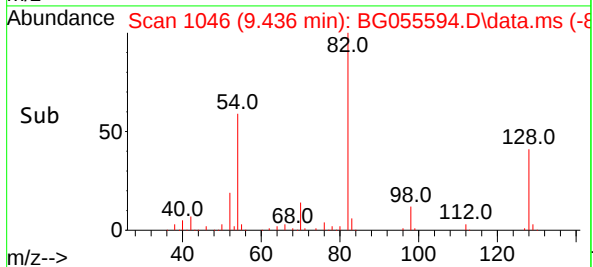
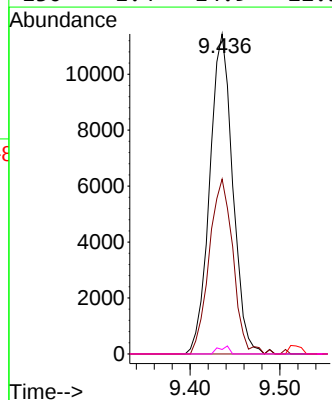
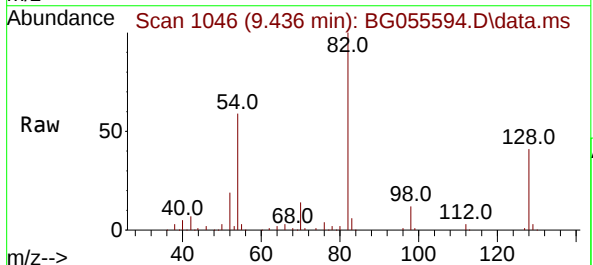
Instrument :
BNA_G
ClientSampleId :
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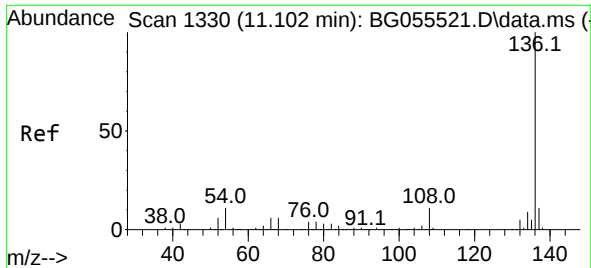
Tgt Ion: 99 Resp: 87190
Ion Ratio Lower Upper
99 100
42 22.6 17.5 26.3
71 33.5 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 6.105 ng
RT: 9.436 min Scan# 1046
Delta R.T. 0.361 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

Tgt Ion: 70 Resp: 20375
Ion Ratio Lower Upper
70 100
42 54.7 54.8 82.2#
101 0.0 6.8 10.2#
130 1.4 14.9 22.3#

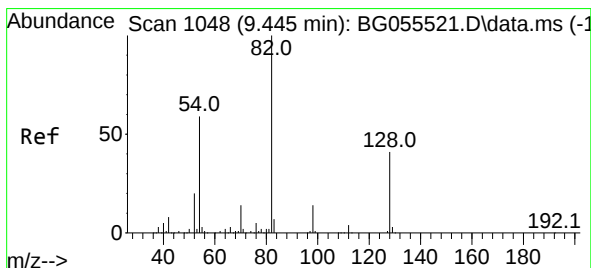
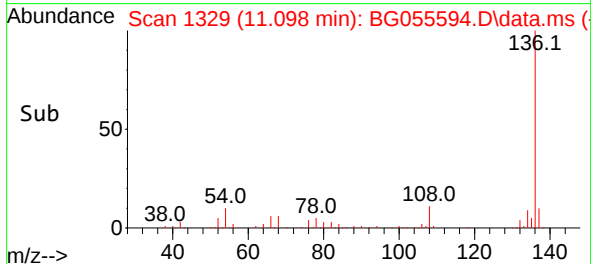
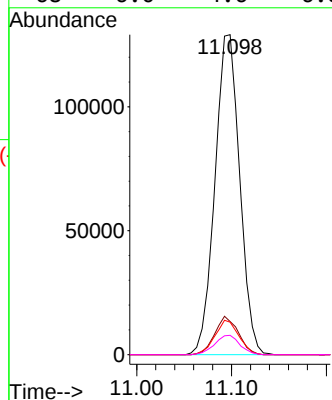
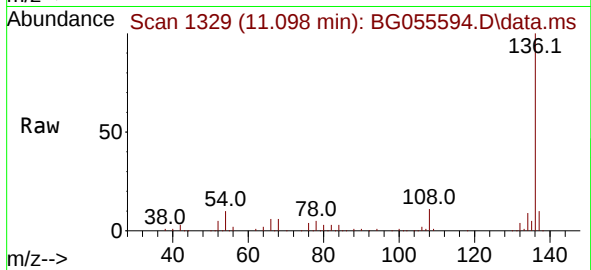




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.098 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

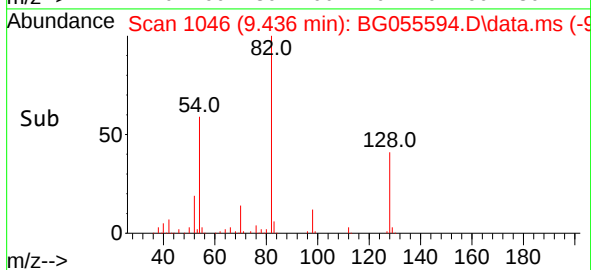
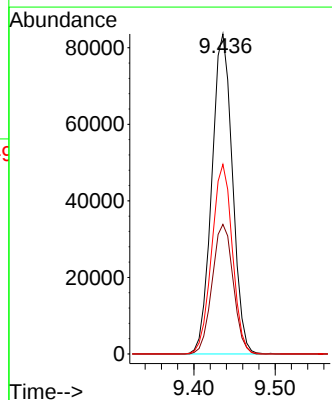
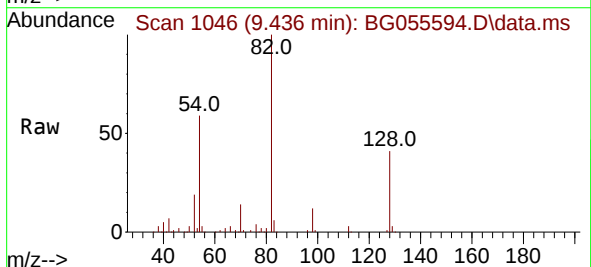
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATE

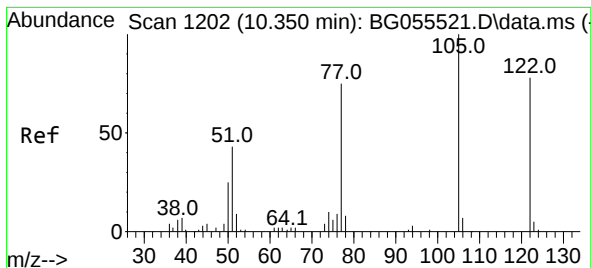
Tgt Ion:136	Resp:	234240	
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	10.1	8.6	12.8
68	6.0	4.6	6.8



#23
Nitrobenzene-d5
Concen: 42.649 ng
RT: 9.436 min Scan# 1046
Delta R.T. -0.009 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

Tgt Ion: 82	Resp: 147366
Ion Ratio	Lower Upper
82 100	
128 40.5	32.6 49.0
54 59.3	47.3 70.9

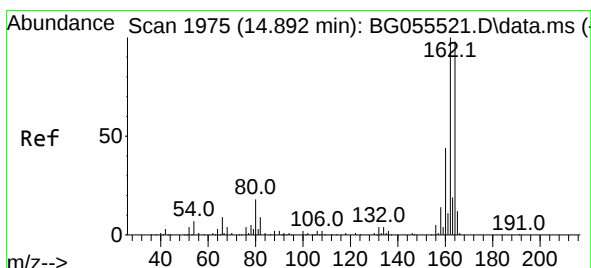
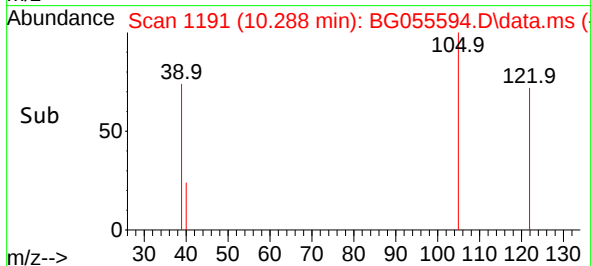
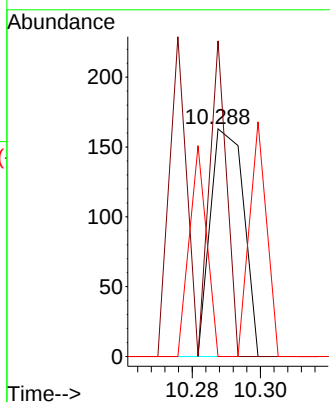
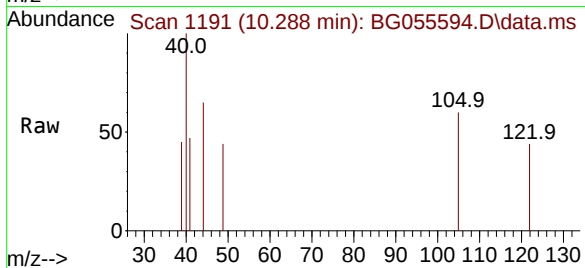




#32
Benzoic acid
Concen: 4.377 ng
RT: 10.288 min Scan# 111
Delta R.T. -0.062 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

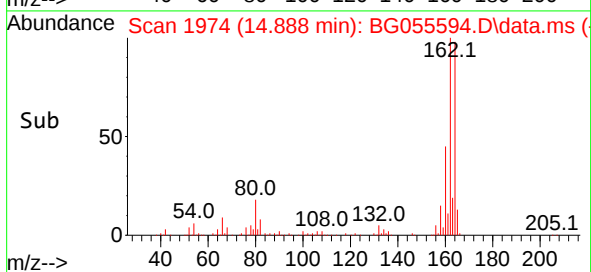
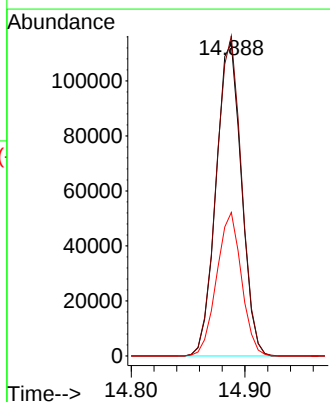
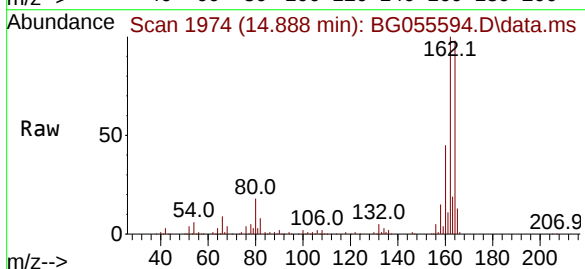
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATE

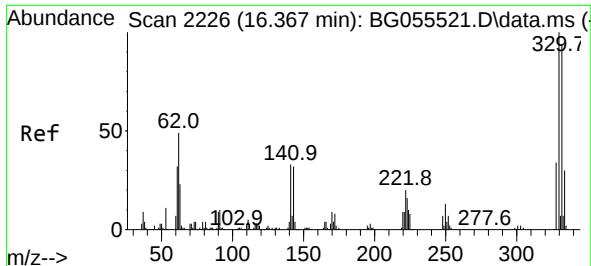
Tgt Ion:122 Resp: 111
Ion Ratio Lower Upper
122 100
105 138.7 101.2 141.2
77 0.0 74.4 114.4#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.888 min Scan# 1974
Delta R.T. -0.004 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

Tgt Ion:164 Resp: 176329
Ion Ratio Lower Upper
164 100
162 102.4 81.3 121.9
160 45.9 35.9 53.9

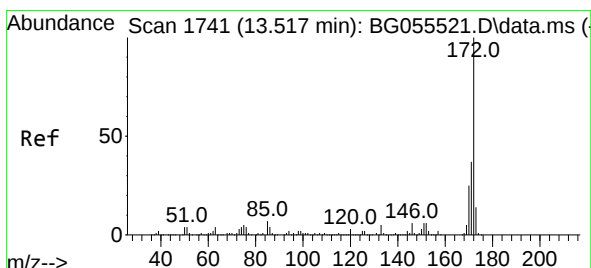
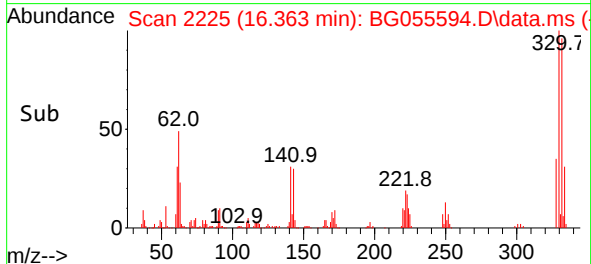
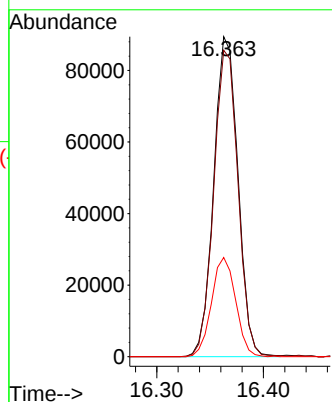
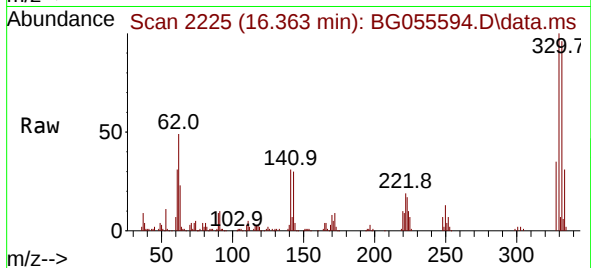




#42
2,4,6-Tribromophenol
Concen: 81.951 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

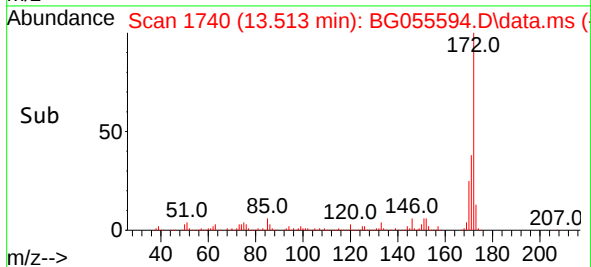
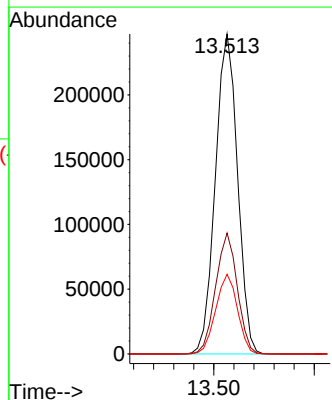
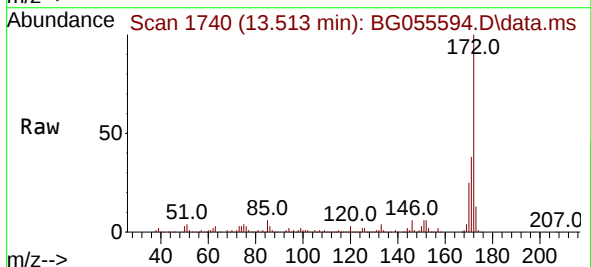
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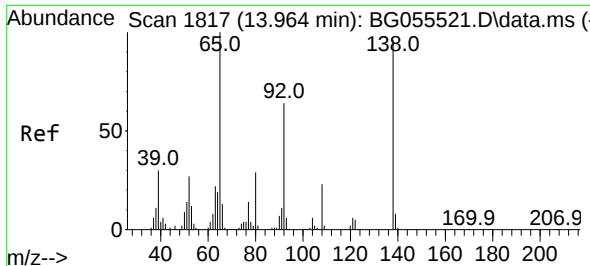
Tgt Ion:330 Resp: 140993
Ion Ratio Lower Upper
330 100
332 96.0 77.4 116.2
141 30.9 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 32.417 ng
RT: 13.513 min Scan# 1740
Delta R.T. -0.004 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

Tgt Ion:172 Resp: 378951
Ion Ratio Lower Upper
172 100
171 37.8 29.7 44.5
170 24.9 19.8 29.6

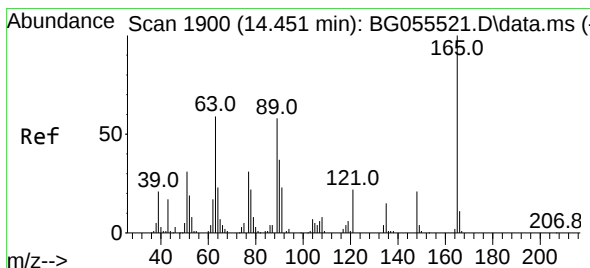
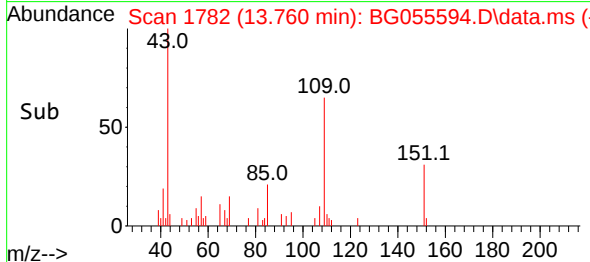
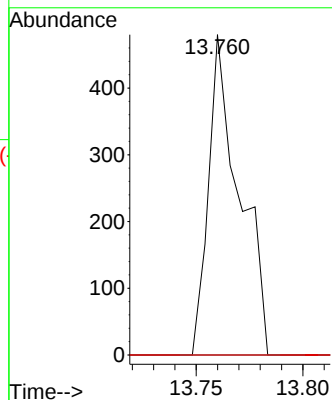
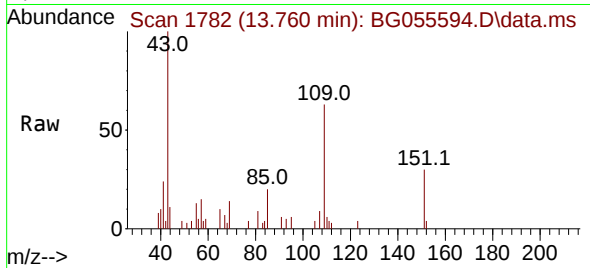




#48
2-Nitroaniline
Concen: 3.960 ng
RT: 13.760 min Scan# 1
Delta R.T. -0.204 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

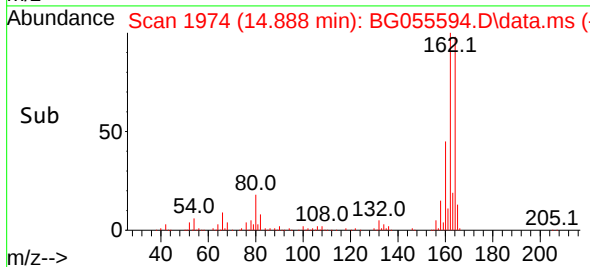
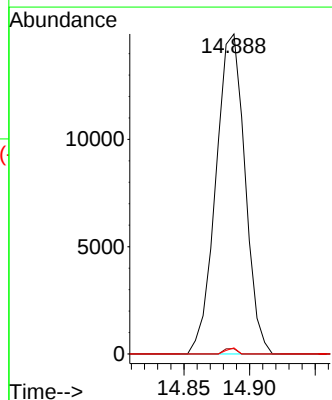
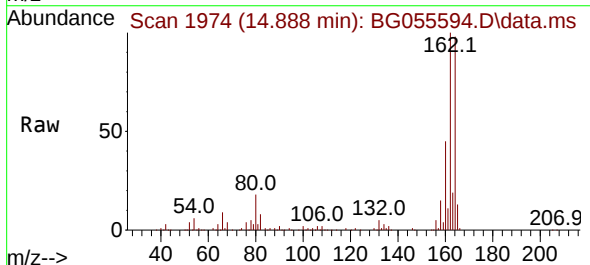
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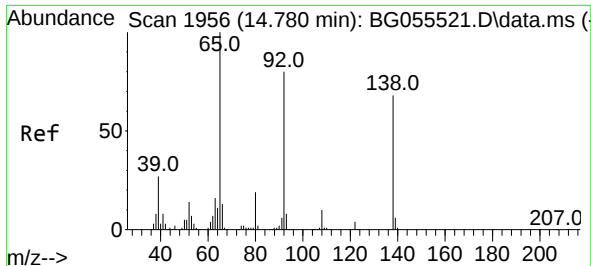
Tgt Ion: 65 Resp: 482
Ion Ratio Lower Upper
65 100
92 0.0 51.6 77.4#
138 0.0 77.0 115.4#



#51
2,6-Dinitrotoluene
Concen: 12.261 ng
RT: 14.888 min Scan# 1974
Delta R.T. 0.437 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

Tgt Ion:165 Resp: 22962
Ion Ratio Lower Upper
165 100
63 1.6 50.1 75.1#
89 1.9 46.5 69.7#

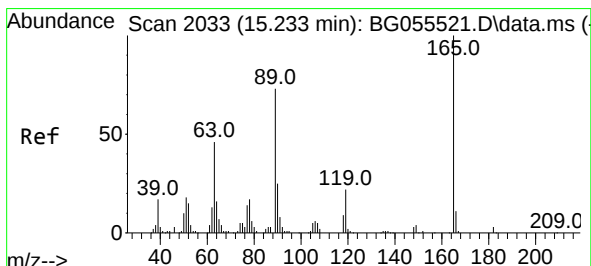
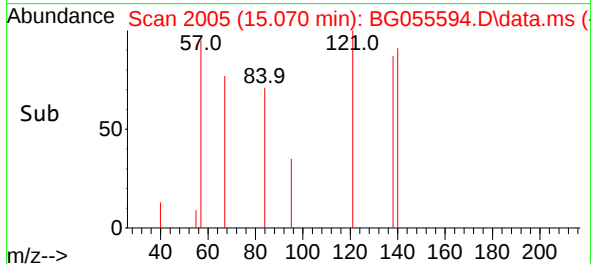
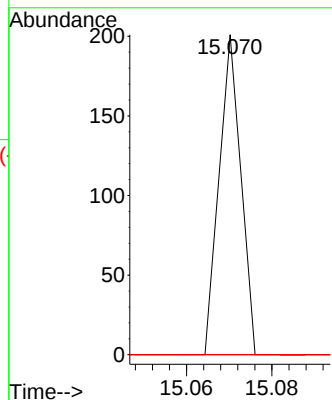
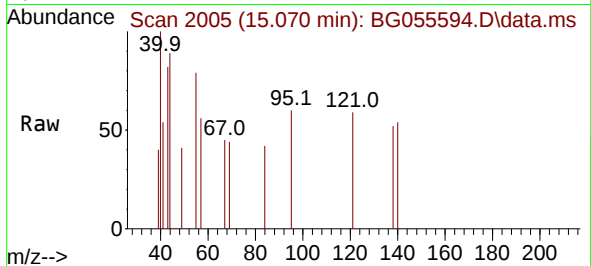




#53
3-Nitroaniline
Concen: 3.802 ng
RT: 15.070 min Scan# 20
Delta R.T. 0.290 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

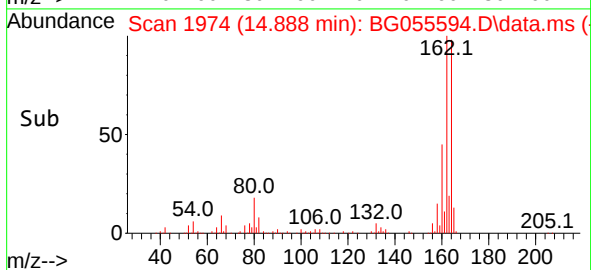
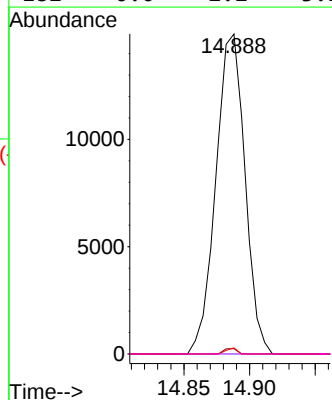
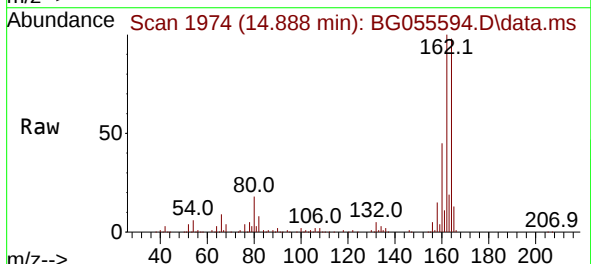
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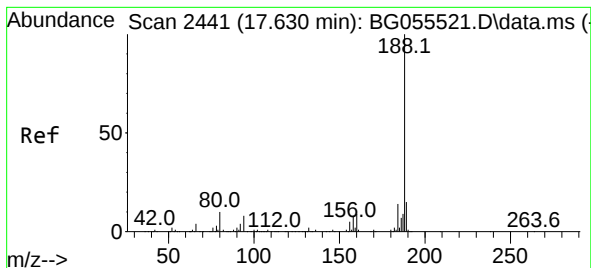
Tgt Ion:138 Resp: 71
Ion Ratio Lower Upper
138 100
108 0.0 11.7 17.5#
92 0.0 94.3 141.5#



#57
2,4-Dinitrotoluene
Concen: 10.446 ng
RT: 14.888 min Scan# 1974
Delta R.T. -0.345 min
Lab File: BG055594.D
Acq: 12 Nov 2022 18:01

Tgt Ion:165 Resp: 22962
Ion Ratio Lower Upper
165 100
63 1.6 37.0 55.4#
89 1.9 58.6 87.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.626 min Scan# 2441

Delta R.T. -0.004 min

Lab File: BG055594.D

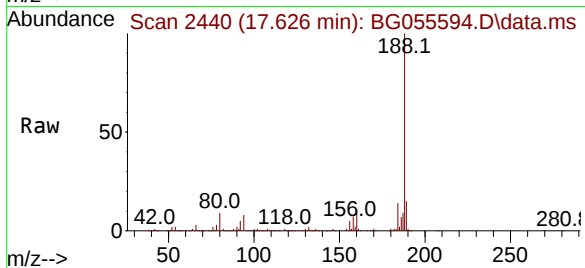
Acq: 12 Nov 2022 18:01

Instrument :

BNA_G

ClientSampleId :

DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATE



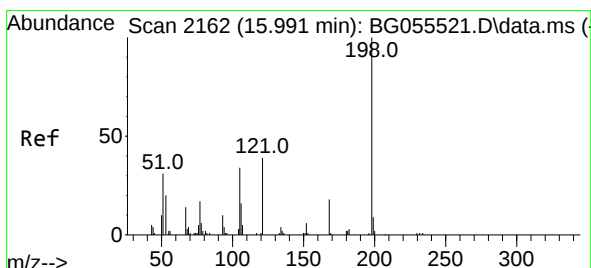
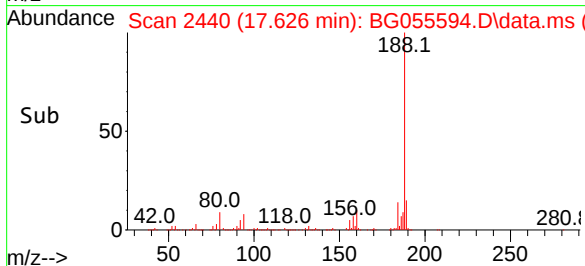
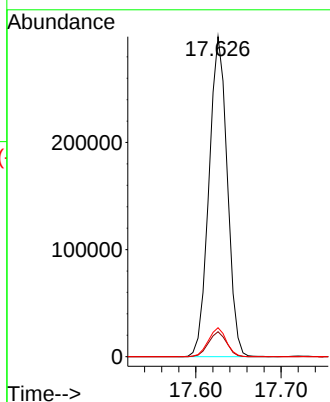
Tgt Ion:188 Resp: 445500

Ion Ratio Lower Upper

188 100

94 7.8 6.4 9.6

80 9.0 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 2.036 ng

RT: 16.363 min Scan# 2225

Delta R.T. 0.372 min

Lab File: BG055594.D

Acq: 12 Nov 2022 18:01

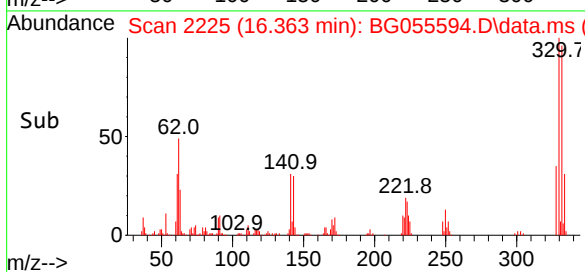
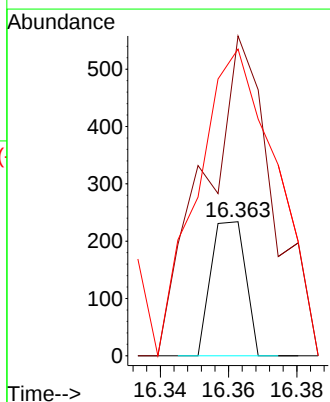
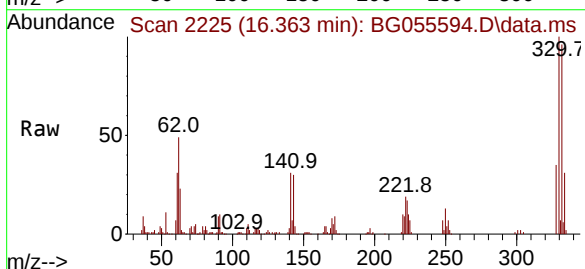
Tgt Ion:198 Resp: 164

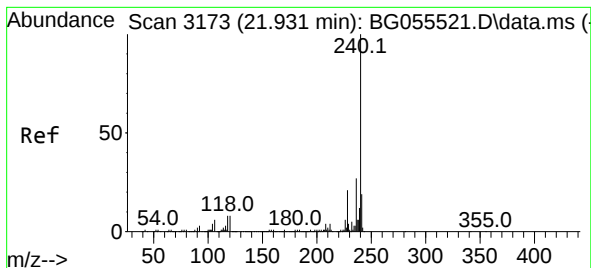
Ion Ratio Lower Upper

198 100

51 238.5 24.7 64.7#

105 228.6 17.6 57.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.927 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG055594.D

Acq: 12 Nov 2022 18:01

Instrument :

BNA_G

ClientSampleId :

DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATE

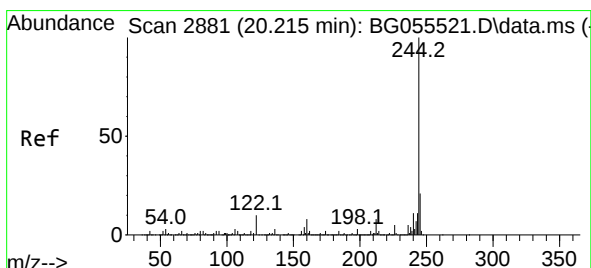
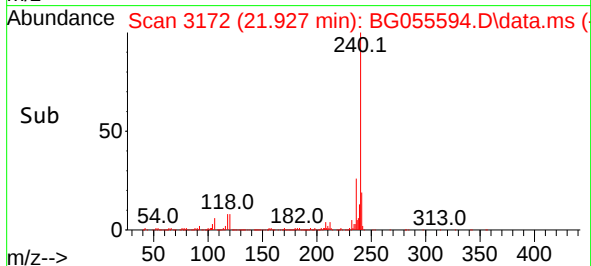
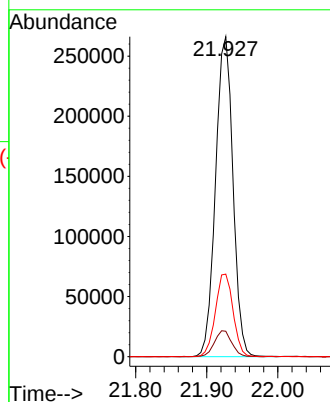
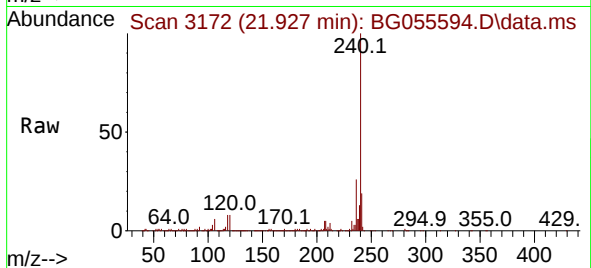
Tgt Ion:240 Resp: 452350

Ion Ratio Lower Upper

240 100

120 8.0 6.1 9.1

236 25.8 21.4 32.0



#79

Terphenyl-d14

Concen: 32.318 ng

RT: 20.211 min Scan# 2880

Delta R.T. -0.004 min

Lab File: BG055594.D

Acq: 12 Nov 2022 18:01

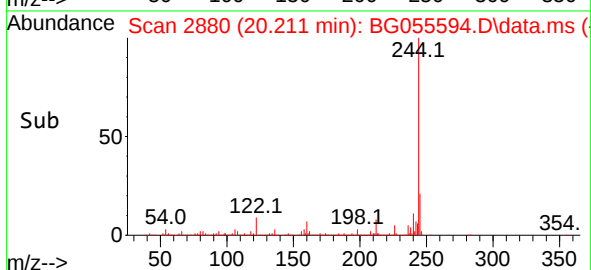
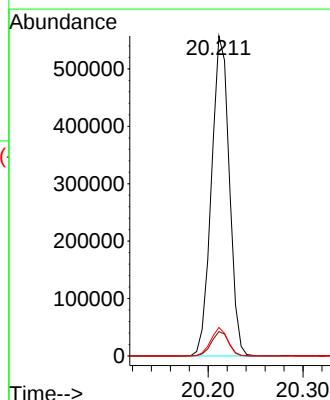
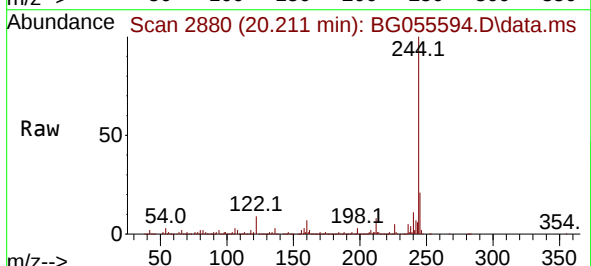
Tgt Ion:244 Resp: 727848

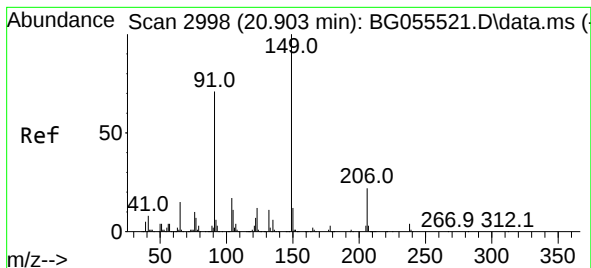
Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

122 8.9 7.7 11.5





#80

Butylbenzylphthalate

Concen: 3.413 ng

RT: 20.899 min Scan# 2997

Delta R.T. -0.004 min

Lab File: BG055594.D

Acq: 12 Nov 2022 18:01

Instrument :

BNA_G

ClientSampleId :

DISSOLVED-20221170-COMP-05-MODIFIED-ELUTRIATE

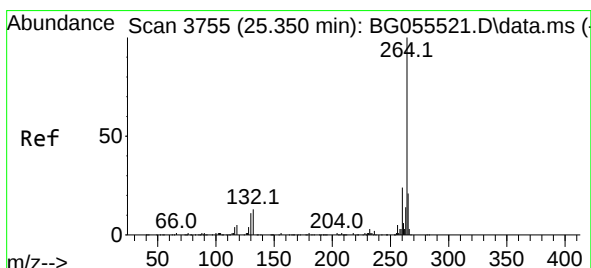
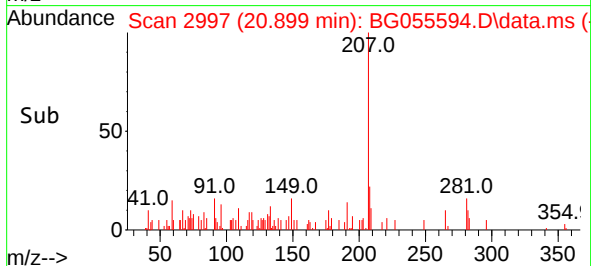
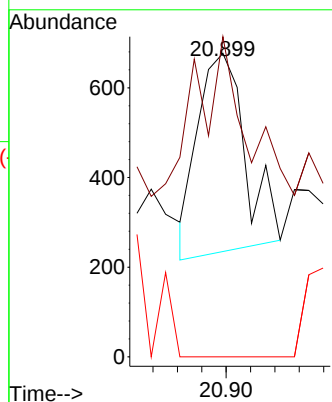
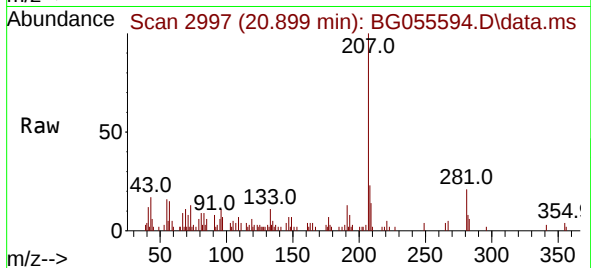
Tgt Ion:149 Resp: 604

Ion Ratio Lower Upper

149 100

91 105.5 56.8 85.2#

206 0.0 17.3 25.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.346 min Scan# 3754

Delta R.T. -0.004 min

Lab File: BG055594.D

Acq: 12 Nov 2022 18:01

Tgt Ion:264 Resp: 483292

Ion Ratio Lower Upper

264 100

260 24.8 19.4 29.2

265 21.1 17.1 25.7

