

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
 Data File : BG055448.D
 Acq On : 3 Nov 2022 22:14
 Operator : CG/JU
 Sample : N5306-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DISSOLVED-20221167-COMP-02-MODIFIED-ELUTRIATE

Quant Time: Nov 04 05:32:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 05:28:43 2022
 Response via : Initial Calibration

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

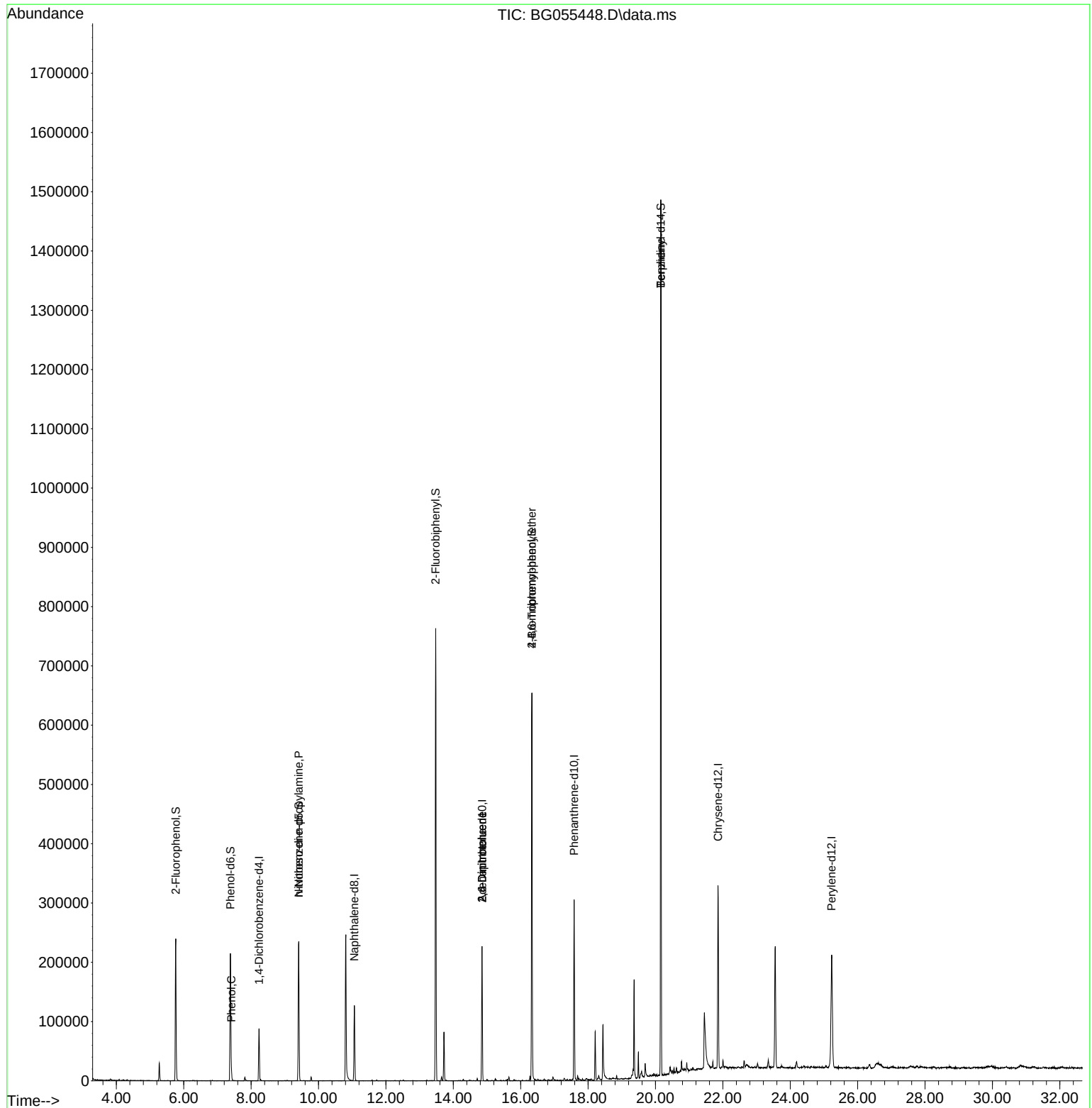
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.236	152	26716	20.000	ng	0.00
21) Naphthalene-d8	11.062	136	112568	20.000	ng	0.00
39) Acenaphthene-d10	14.851	164	82525	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	199435	20.000	ng	0.00
76) Chrysene-d12	21.855	240	203539	20.000	ng	0.00
86) Perylene-d12	25.227	264	220349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	116311	78.184	ng	0.00
7) Phenol-d6	7.384	99	136848	66.334	ng	0.00
23) Nitrobenzene-d5	9.411	82	149441	70.752	ng	0.00
42) 2,4,6-Tribromophenol	16.332	330	143431	127.419	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	403632	72.517	ng	0.00
79) Terphenyl-d14	20.157	244	769159	73.483	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	7.413	94	7766	3.326	ng	97
19) n-Nitroso-di-n-propyla...	9.411	70	19847	12.312	ng	# 77
51) 2,6-Dinitrotoluene	14.851	165	10626	7.368	ng	# 27
57) 2,4-Dinitrotoluene	14.851	165	10626	5.153	ng	# 25
67) 4-Bromophenyl-phenylether	16.332	248	9024	3.828	ng	# 1
77) Benzidine	20.157	184	10641	2.511	ng	# 92

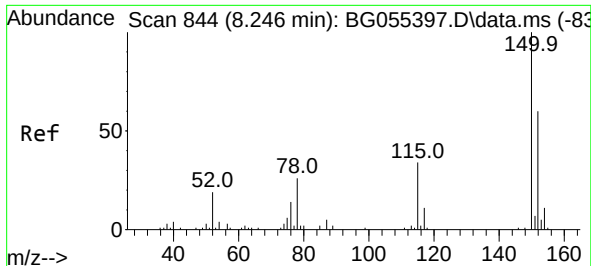
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 04 05:28:43 2022
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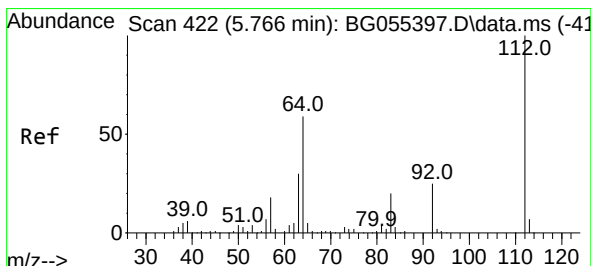
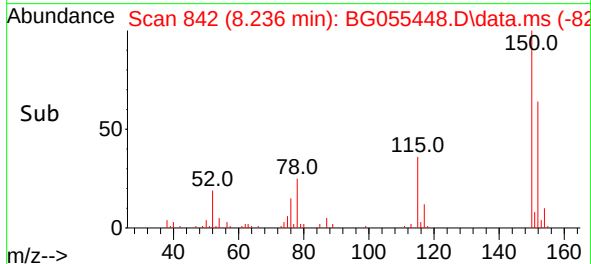
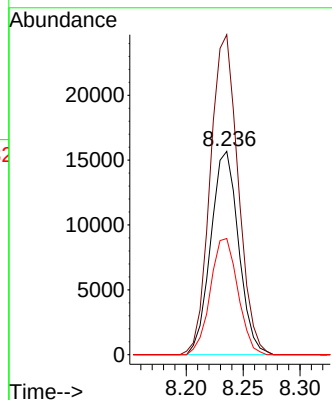
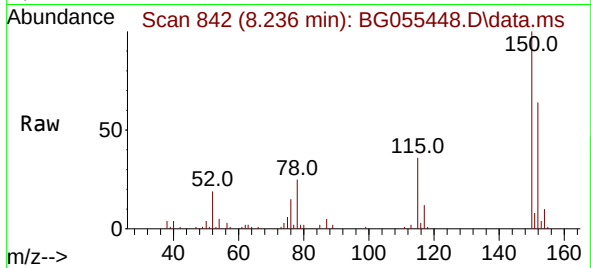




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.236 min Scan# 844
Delta R.T. -0.001 min
Lab File: BG055448.D
Acq: 3 Nov 2022 22:14

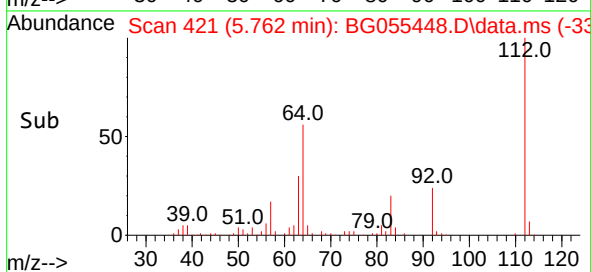
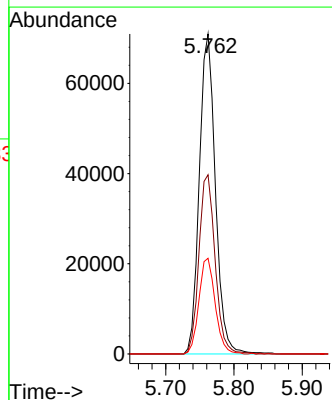
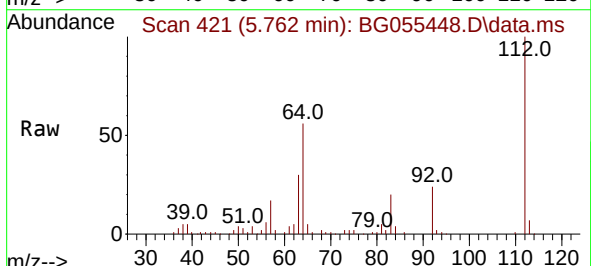
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221167-COMP-02-MODIFIED-ELUTRIATE

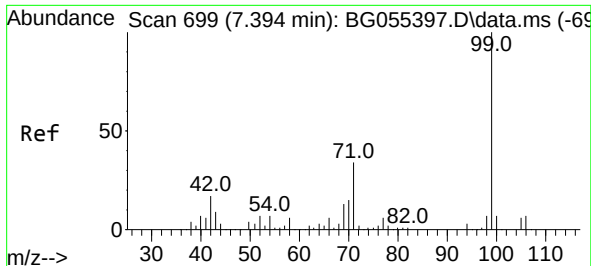
Tgt Ion:152 Resp: 26716
Ion Ratio Lower Upper
152 100
150 157.3 132.8 199.2
115 57.1 45.1 67.7



#5
2-Fluorophenol
Concen: 78.184 ng
RT: 5.762 min Scan# 421
Delta R.T. -0.000 min
Lab File: BG055448.D
Acq: 3 Nov 2022 22:14

Tgt Ion:112 Resp: 116311
Ion Ratio Lower Upper
112 100
64 56.0 47.2 70.8
63 29.9 24.3 36.5

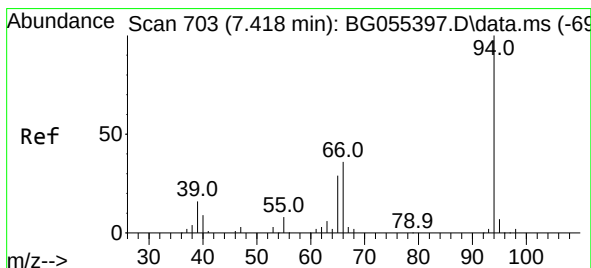
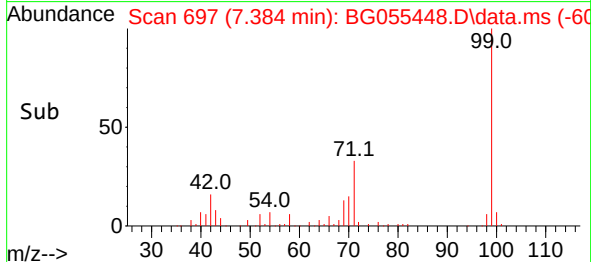
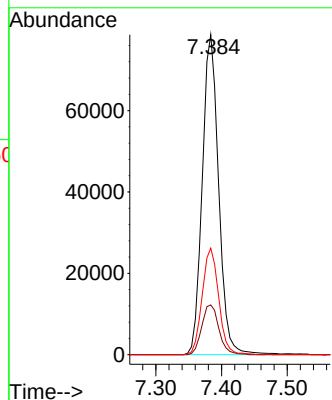
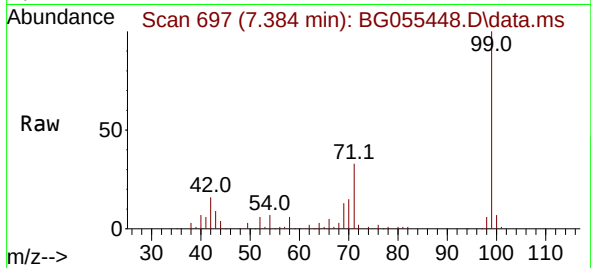




#7
Phenol-d6
Concen: 66.334 ng
RT: 7.384 min Scan# 699
Delta R.T. -0.000 min
Lab File: BG055448.D
Acq: 3 Nov 2022 22:14

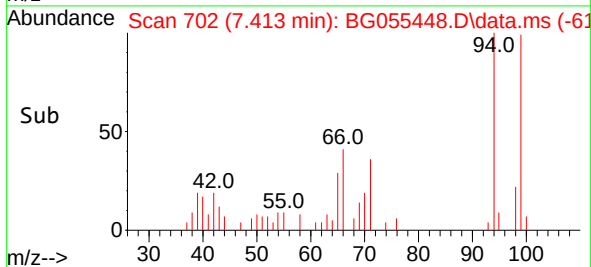
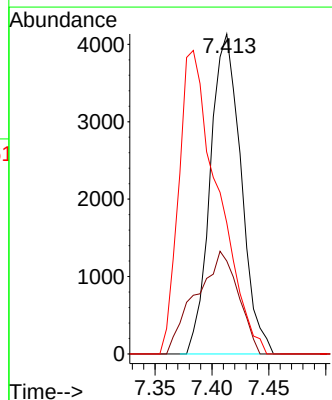
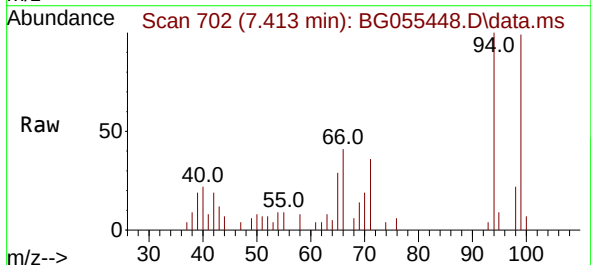
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221167-COMP-02-MODIFIED-ELUTRIATE

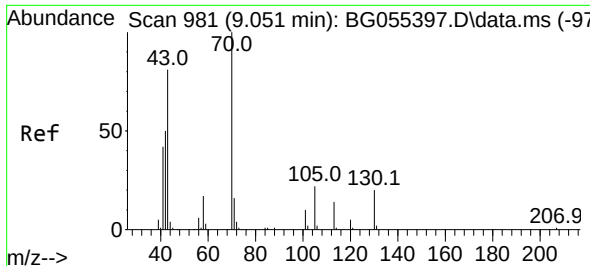
Tgt Ion: 99 Resp: 136848
Ion Ratio Lower Upper
99 100
42 15.6 13.5 20.3
71 33.3 27.4 41.0



#10
Phenol
Concen: 3.326 ng
RT: 7.413 min Scan# 702
Delta R.T. -0.000 min
Lab File: BG055448.D
Acq: 3 Nov 2022 22:14

Tgt Ion: 94 Resp: 7766
Ion Ratio Lower Upper
94 100
65 29.0 9.0 49.0
66 41.0 17.6 57.6

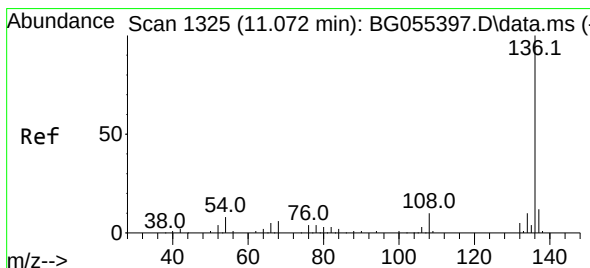
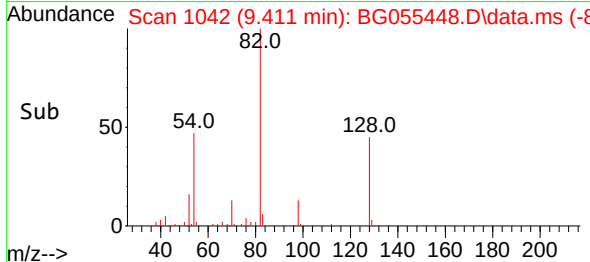
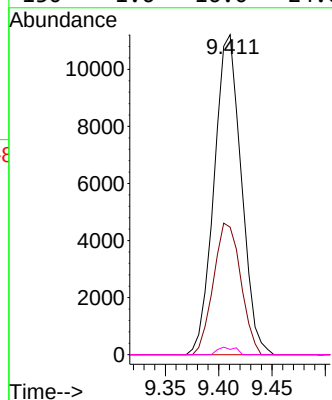
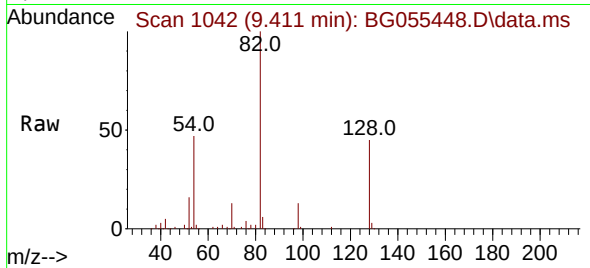




#19
n-Nitroso-di-n-propylamine
Concen: 12.312 ng
RT: 9.411 min Scan# 1042
Delta R.T. 0.370 min
Lab File: BG055448.D
Acq: 3 Nov 2022 22:14

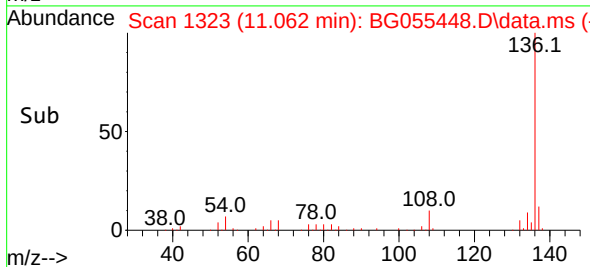
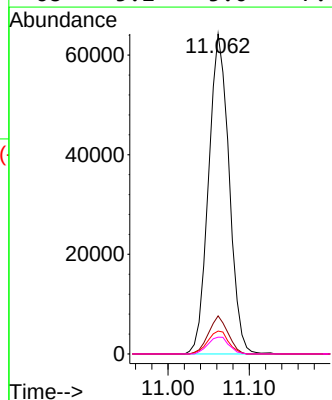
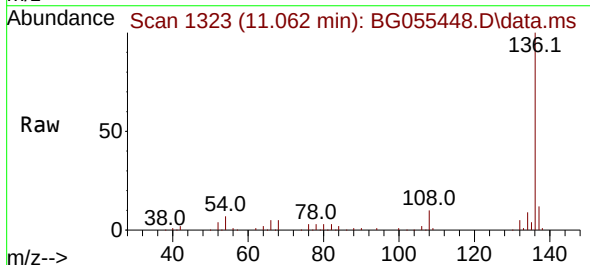
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221167-COMP-02-MODIFIED-ELUTRIATE

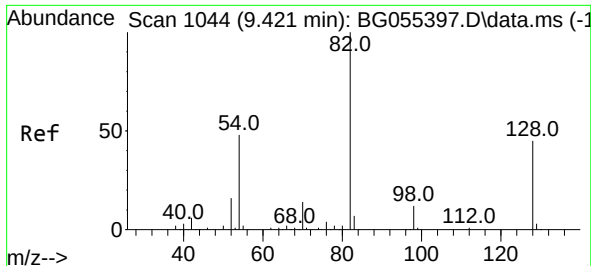
Tgt Ion: 70 Resp: 19847
Ion Ratio Lower Upper
70 100
42 39.9 40.6 61.0#
101 0.0 7.8 11.6#
130 1.6 16.0 24.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.062 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BG055448.D
Acq: 3 Nov 2022 22:14

Tgt Ion: 136 Resp: 112568
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.2
54 7.2 6.1 9.1
68 5.2 5.0 7.4

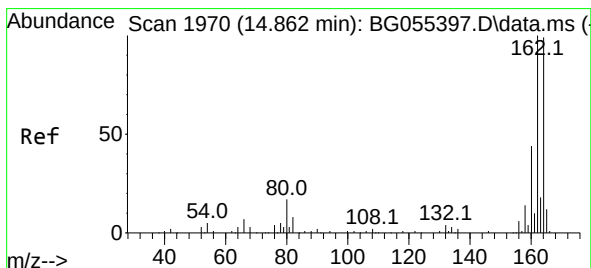
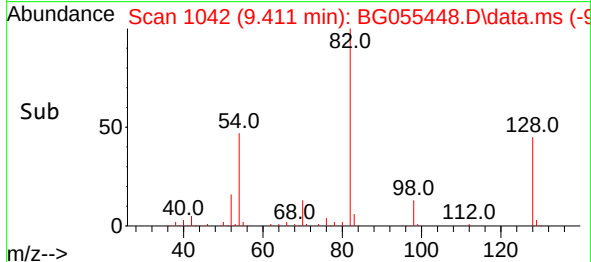
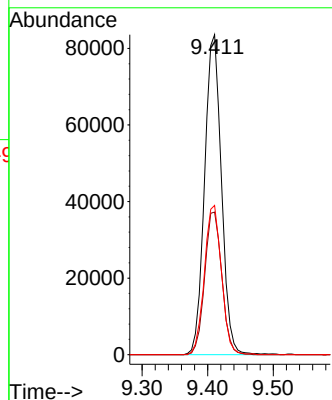
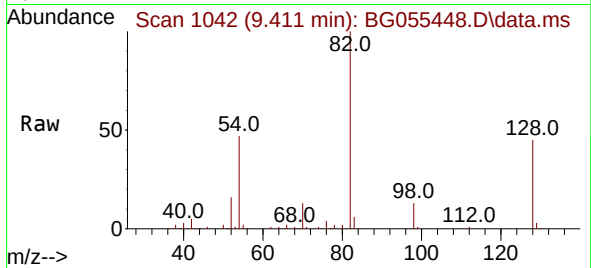




#23
Nitrobenzene-d5
Concen: 70.752 ng
RT: 9.411 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BG055448.D
Acq: 3 Nov 2022 22:14

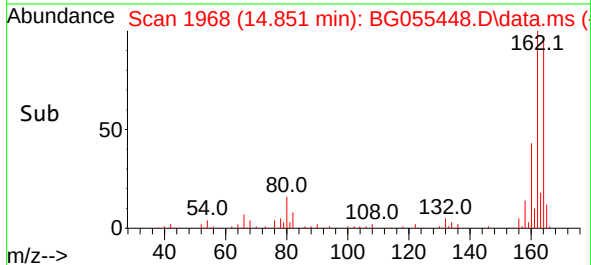
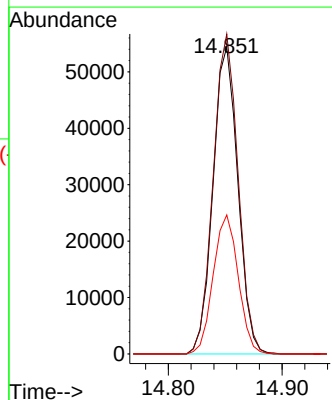
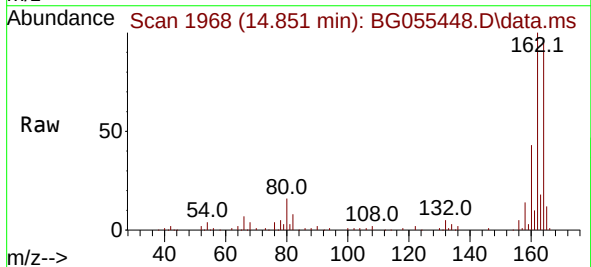
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221167-COMP-02-MODIFIED-ELUTRIATE

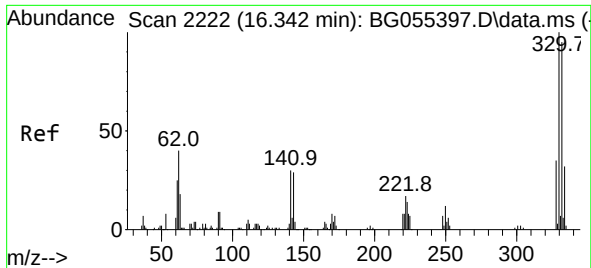
Tgt Ion: 82 Resp: 149441
Ion Ratio Lower Upper
82 100
128 44.5 35.8 53.8
54 46.7 38.1 57.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BG055448.D
Acq: 3 Nov 2022 22:14

Tgt Ion: 164 Resp: 82525
Ion Ratio Lower Upper
164 100
162 104.2 81.1 121.7
160 45.3 35.8 53.6

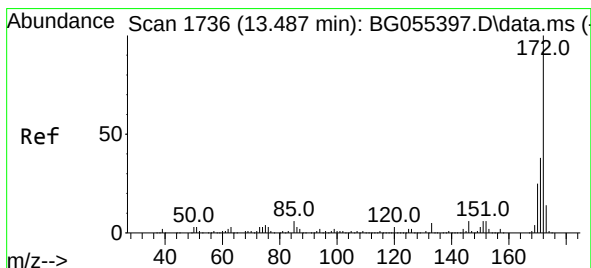
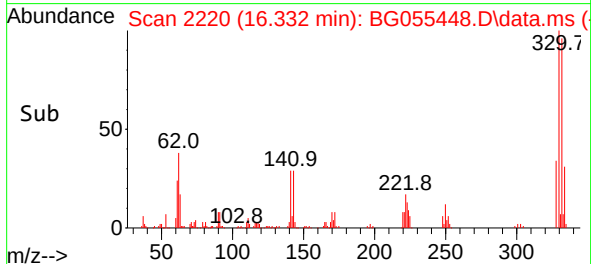
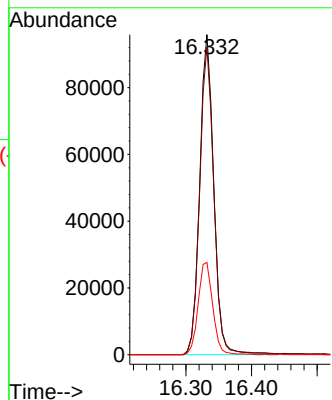
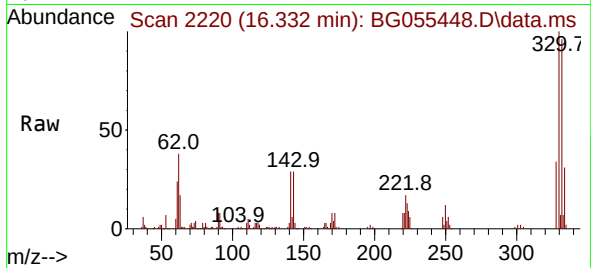




#42
2,4,6-Tribromophenol
Concen: 127.419 ng
RT: 16.332 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055448.D
Acq: 3 Nov 2022 22:14

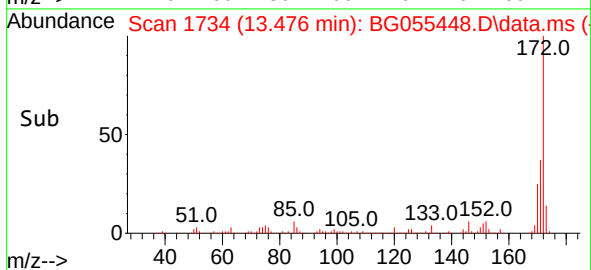
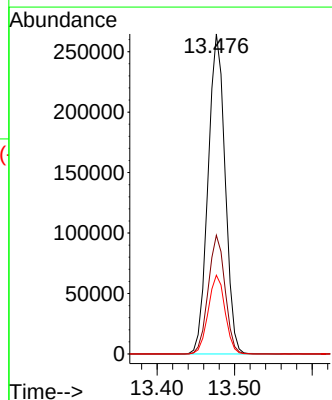
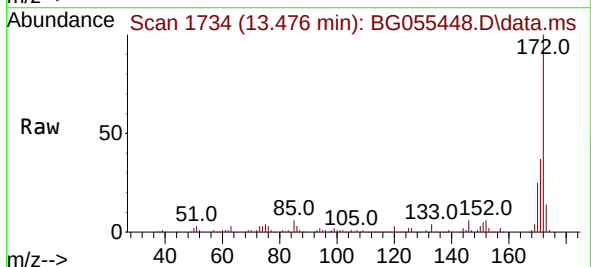
Instrument :
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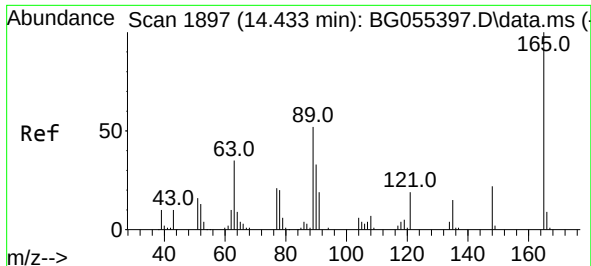
Tgt Ion:330 Resp: 143431
Ion Ratio Lower Upper
330 100
332 96.7 77.8 116.6
141 29.9 24.2 36.2



#45
2-Fluorobiphenyl
Concen: 72.517 ng
RT: 13.476 min Scan# 1734
Delta R.T. -0.006 min
Lab File: BG055448.D
Acq: 3 Nov 2022 22:14

Tgt Ion:172 Resp: 403632
Ion Ratio Lower Upper
172 100
171 37.1 30.2 45.2
170 24.6 20.2 30.2

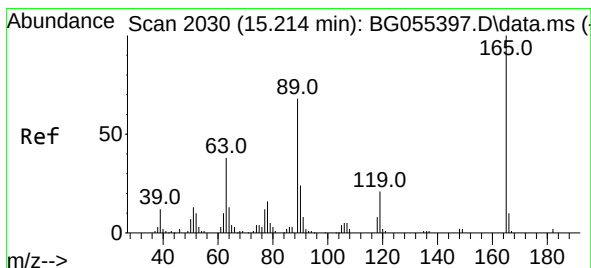
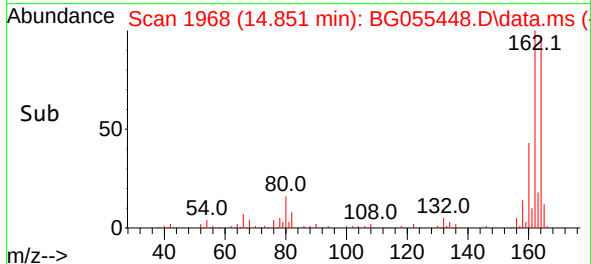
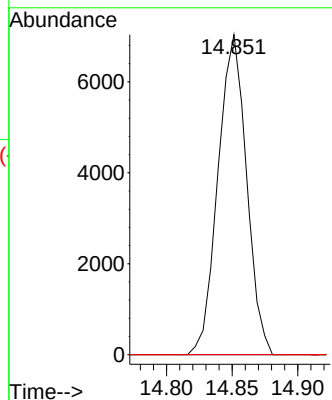
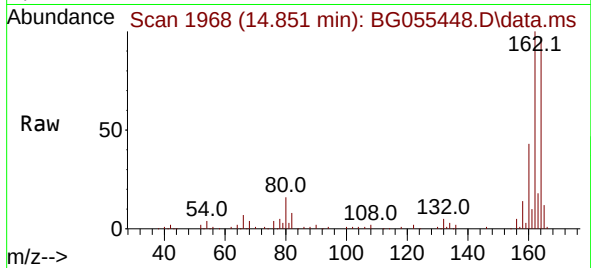




#51
2,6-Dinitrotoluene
Concen: 7.368 ng
RT: 14.851 min Scan# 1968
Delta R.T. 0.429 min
Lab File: BG055448.D
Acq: 3 Nov 2022 22:14

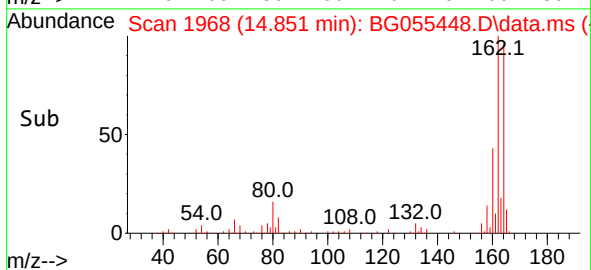
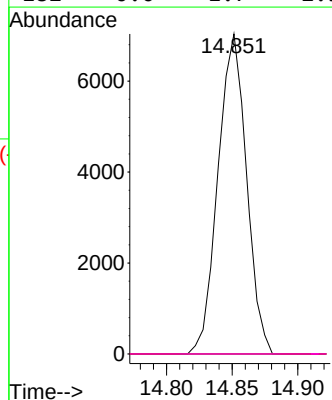
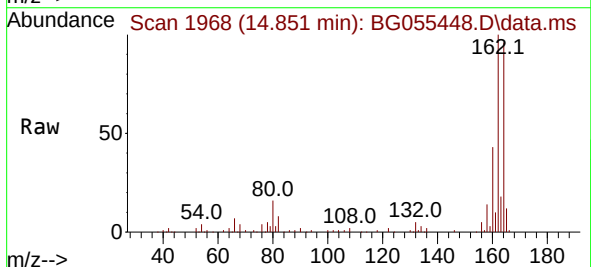
Instrument :
BNA_G
ClientSampleId :
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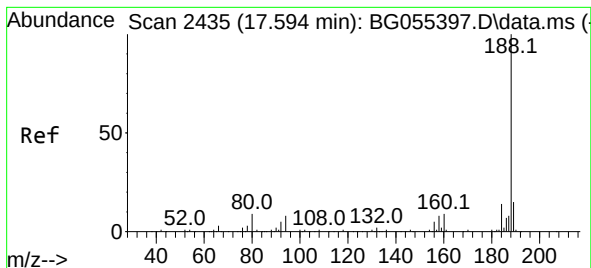
Tgt Ion:165 Resp: 10626
Ion Ratio Lower Upper
165 100
63 0.0 38.2 57.4#
89 0.0 41.8 62.6#



#57
2,4-Dinitrotoluene
Concen: 5.153 ng
RT: 14.851 min Scan# 1968
Delta R.T. -0.358 min
Lab File: BG055448.D
Acq: 3 Nov 2022 22:14

Tgt Ion:165 Resp: 10626
Ion Ratio Lower Upper
165 100
63 0.0 30.8 46.2#
89 0.0 54.5 81.7#
182 0.0 1.7 2.5#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.583 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG055448.D

Acq: 3 Nov 2022 22:14

Instrument :

BNA_G

ClientSampleId :

DISSOLVED-20221167-COMP-02-MODIFIED-ELUTRIATE

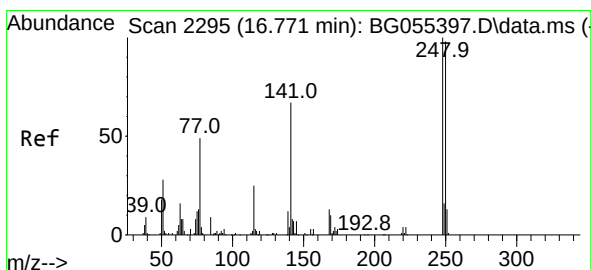
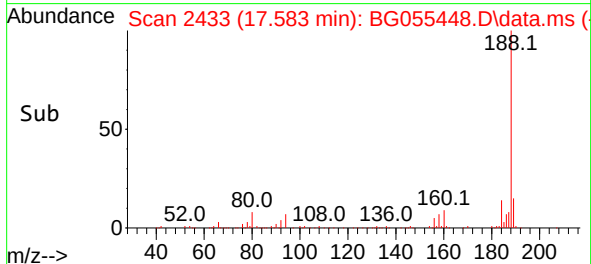
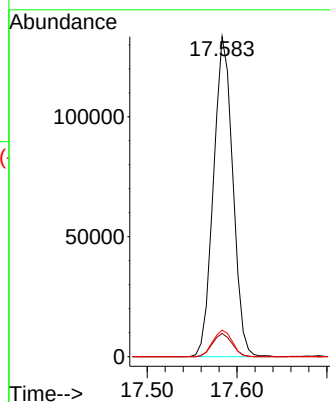
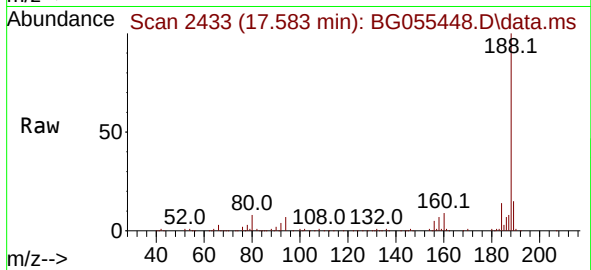
Tgt Ion:188 Resp: 199435

Ion Ratio Lower Upper

188 100

94 7.2 6.5 9.7

80 8.3 7.4 11.0



#67

4-Bromophenyl-phenylether

Concen: 3.828 ng

RT: 16.332 min Scan# 2220

Delta R.T. -0.435 min

Lab File: BG055448.D

Acq: 3 Nov 2022 22:14

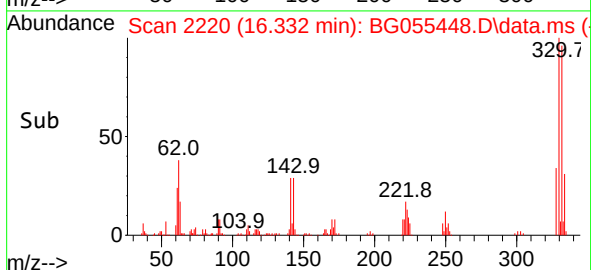
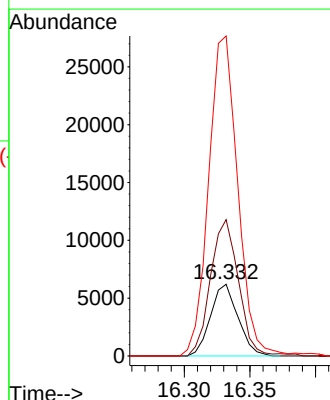
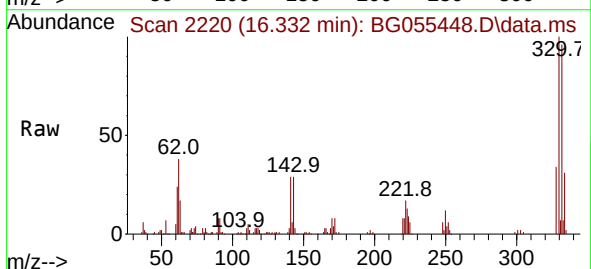
Tgt Ion:248 Resp: 9024

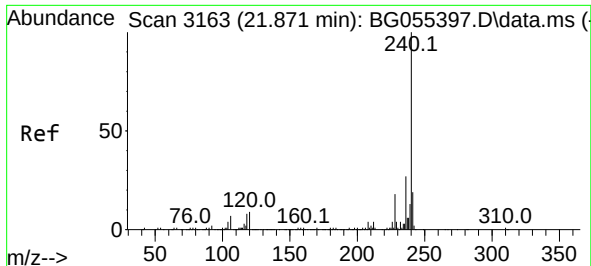
Ion Ratio Lower Upper

248 100

250 190.4 78.3 117.5#

141 446.8 53.7 80.5#

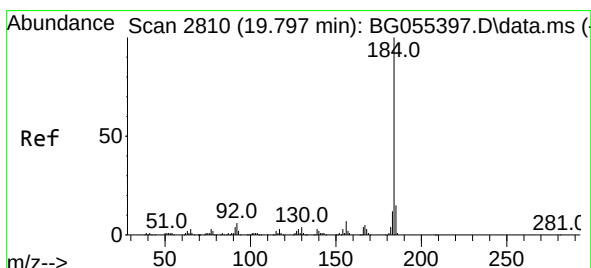
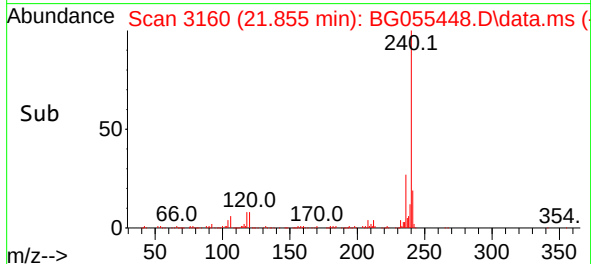
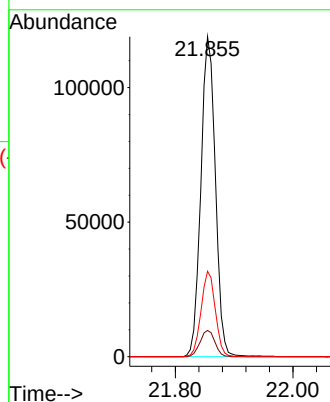
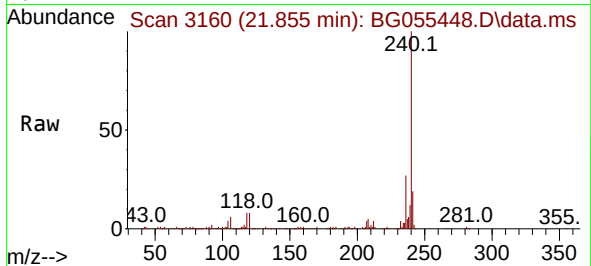




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.855 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BG055448.D
Acq: 3 Nov 2022 22:14

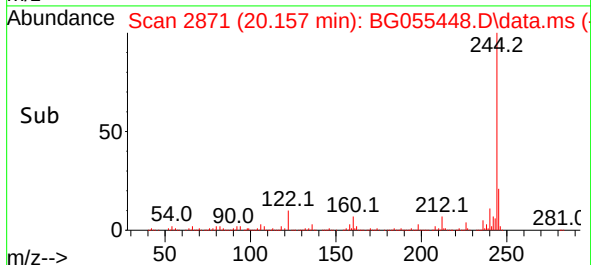
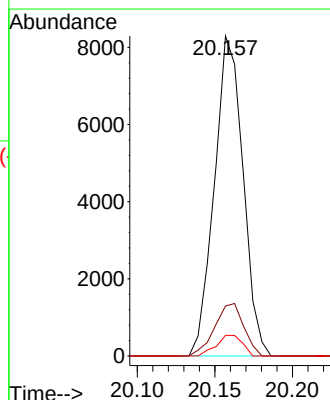
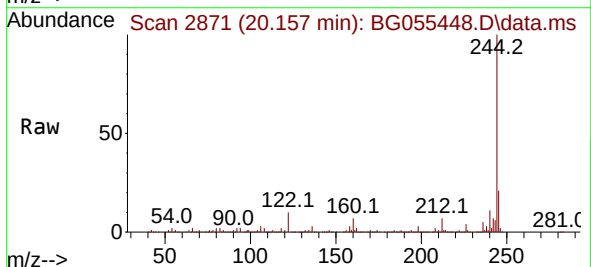
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221167-COMP-02-MODIFIED-ELUTRIATE

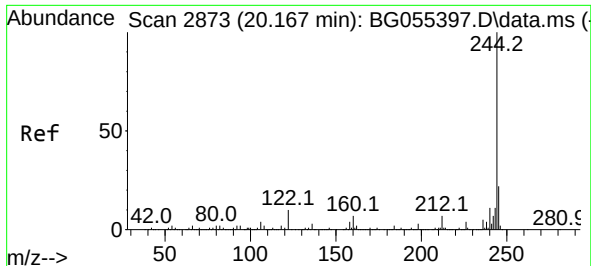
Tgt Ion:240 Resp: 203539
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 26.7 21.5 32.3



#77
Benzidine
Concen: 2.511 ng
RT: 20.157 min Scan# 2871
Delta R.T. 0.364 min
Lab File: BG055448.D
Acq: 3 Nov 2022 22:14

Tgt Ion:184 Resp: 10641
Ion Ratio Lower Upper
184 100
185 15.6 11.7 17.5
183 6.4 9.8 14.8#



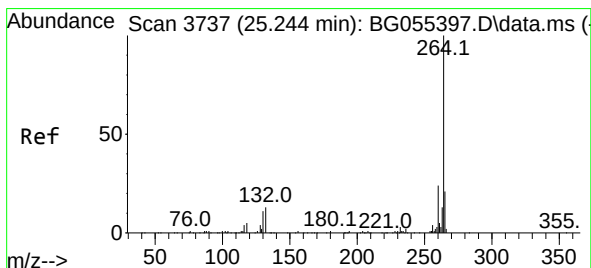
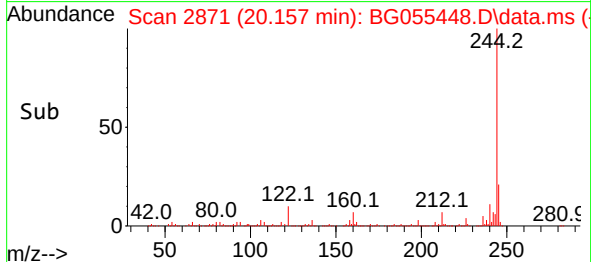
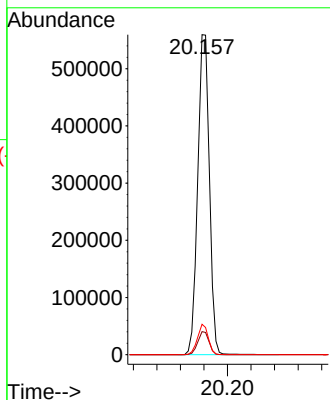
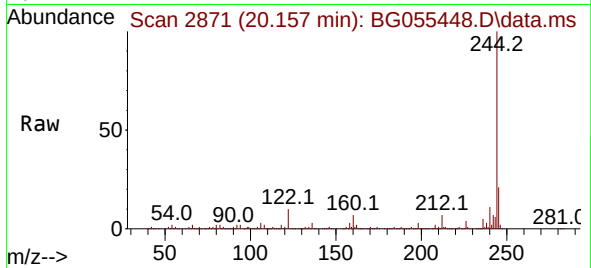


#79
 Terphenyl-d14
 Concen: 73.483 ng
 RT: 20.157 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG055448.D
 Acq: 3 Nov 2022 22:14

Instrument : BNA_G
 ClientSampleId : DISSOLVED-20221167-COMP-02-MODIFIED-ELUTRIATE

Tgt Ion:244 Resp: 769159

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	9.5	7.8	11.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.227 min Scan# 3734
 Delta R.T. -0.006 min
 Lab File: BG055448.D
 Acq: 3 Nov 2022 22:14

Tgt Ion:264 Resp: 220349

Ion	Ratio	Lower	Upper
264	100		
260	24.9	18.9	28.3
265	22.2	17.1	25.7

