

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
 Data File : BG055456.D
 Acq On : 4 Nov 2022 16:20
 Operator : CG/JU
 Sample : N5306-10
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DISSOLVED-20221174-COMP-09-MODIFIED-ELUTRIATE

Quant Time: Nov 05 00:03:12 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)

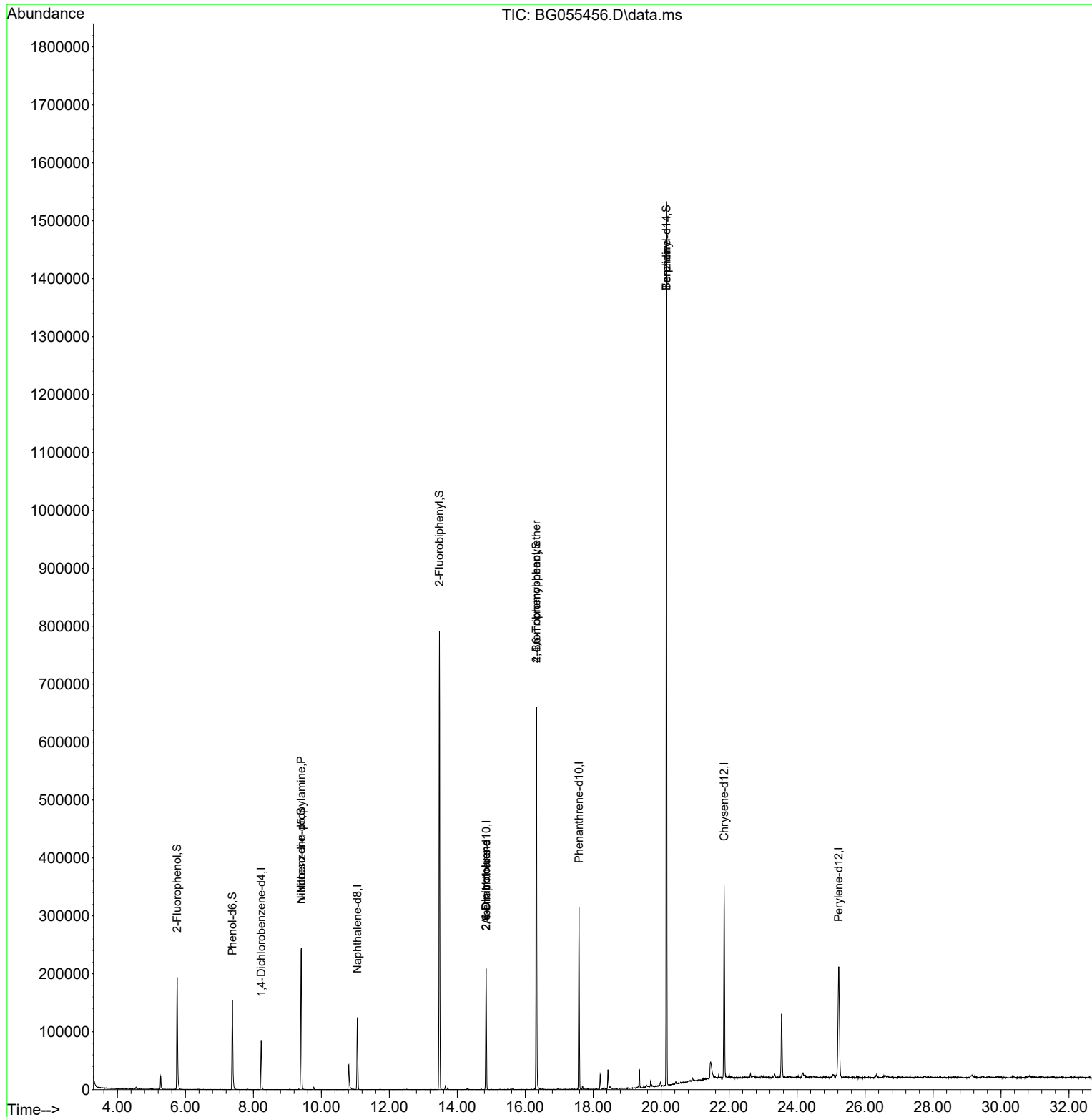
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	27284	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	111734	20.000	ng	0.00
39) Acenaphthene-d10	14.851	164	79787	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	199155	20.000	ng	0.00
76) Chrysene-d12	21.854	240	210316	20.000	ng	0.00
86) Perylene-d12	25.227	264	225308	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.756	112	103032	67.816	ng	0.00
7) Phenol-d6	7.383	99	101786	48.312	ng	0.00
23) Nitrobenzene-d5	9.410	82	158623	75.660	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	147801	135.807	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	417145	77.517	ng	0.00
79) Terphenyl-d14	20.156	244	763407	70.583	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.410	70	20943	12.721	ng	# 79
51) 2,6-Dinitrotoluene	14.845	165	10462	7.504	ng	# 27
57) 2,4-Dinitrotoluene	14.845	165	10462	5.248	ng	# 25
67) 4-Bromophenyl-phenylether	16.331	248	9504	4.037	ng	# 1
77) Benzidine	20.156	184	10789	2.464	ng	# 90

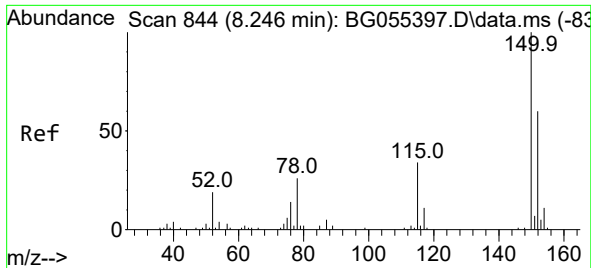
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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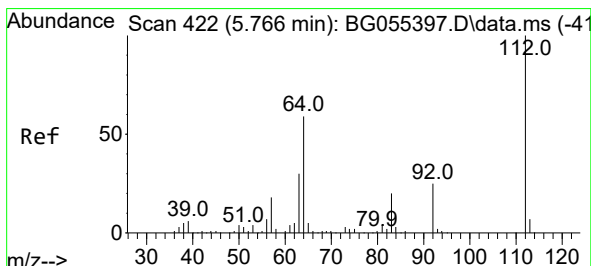
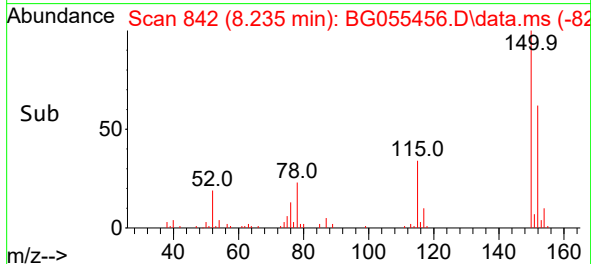
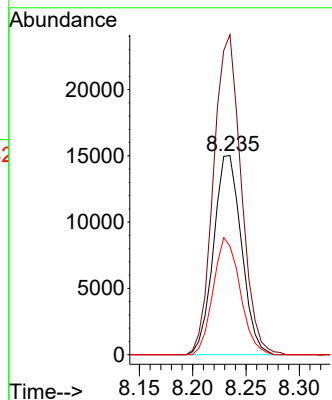
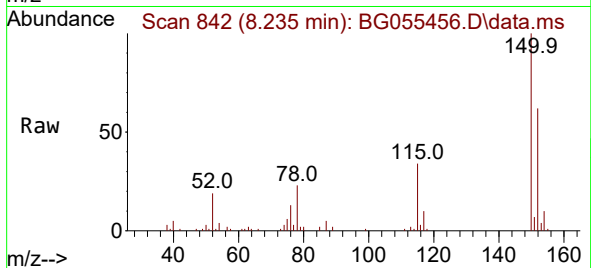




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055456.D
Acq: 4 Nov 2022 16:20

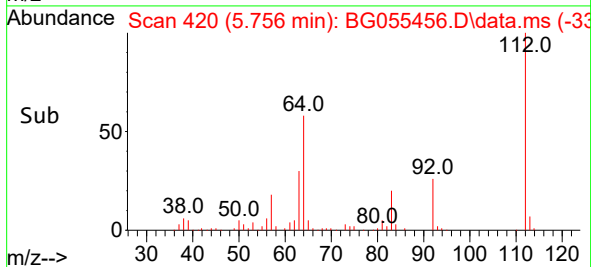
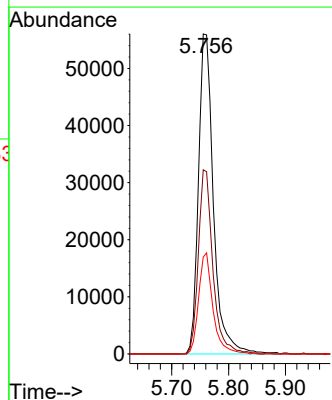
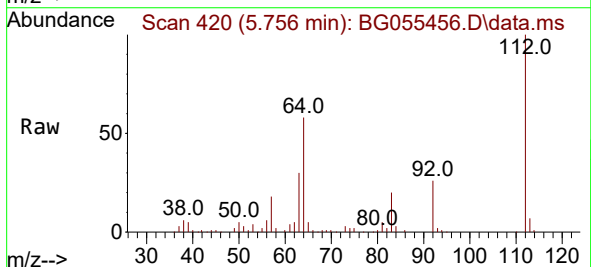
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221174-COMP-09-MODIFIED-ELUTRIATE

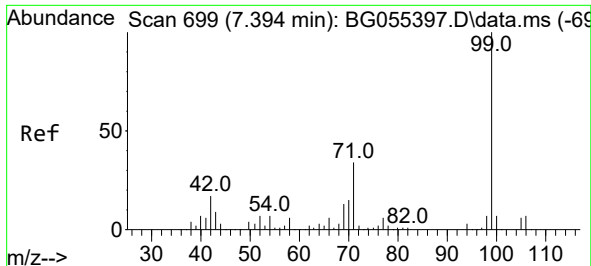
Tgt Ion:152 Resp: 27284
Ion Ratio Lower Upper
152 100
150 160.6 132.8 199.2
115 54.5 45.1 67.7



#5
2-Fluorophenol
Concen: 67.816 ng
RT: 5.756 min Scan# 420
Delta R.T. -0.006 min
Lab File: BG055456.D
Acq: 4 Nov 2022 16:20

Tgt Ion:112 Resp: 103032
Ion Ratio Lower Upper
112 100
64 57.6 47.2 70.8
63 30.2 24.3 36.5

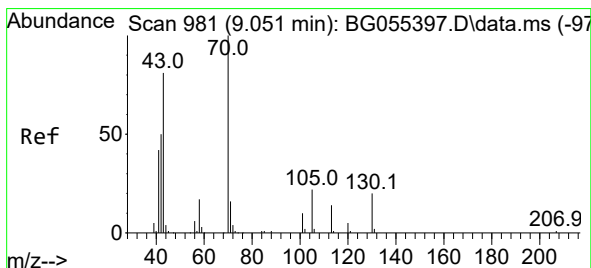
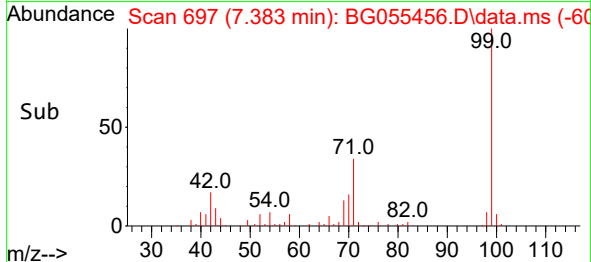
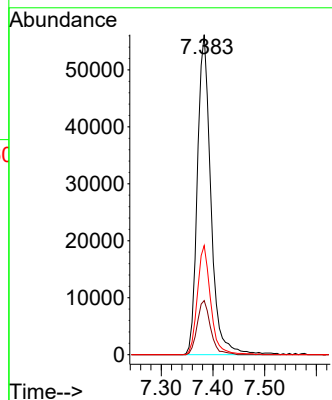
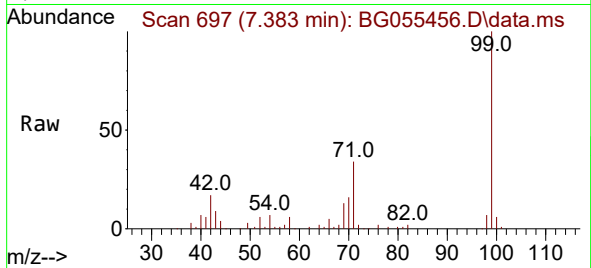




#7
Phenol-d6
Concen: 48.312 ng
RT: 7.383 min Scan# 697
Delta R.T. -0.001 min
Lab File: BG055456.D
Acq: 4 Nov 2022 16:20

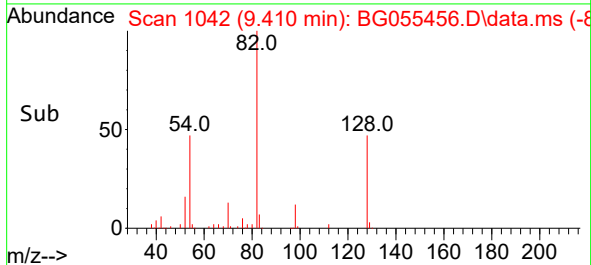
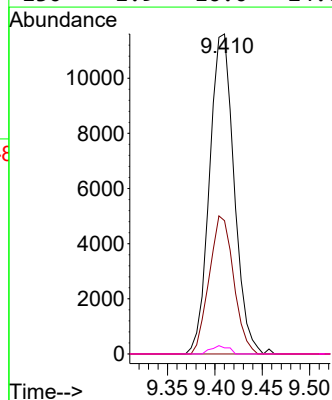
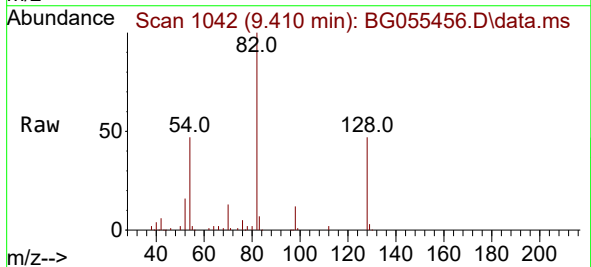
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221174-COMP-09-MODIFIED-ELUTRIATE

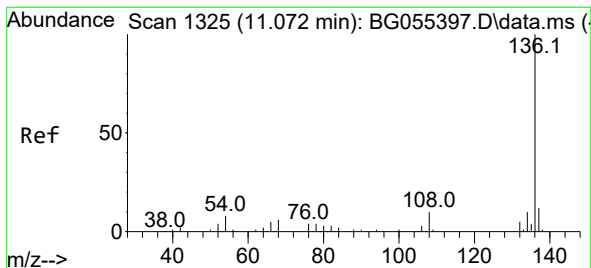
Tgt Ion: 99 Resp: 101786
Ion Ratio Lower Upper
99 100
42 16.9 13.5 20.3
71 34.1 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.721 ng
RT: 9.410 min Scan# 1042
Delta R.T. 0.370 min
Lab File: BG055456.D
Acq: 4 Nov 2022 16:20

Tgt Ion: 70 Resp: 20943
Ion Ratio Lower Upper
70 100
42 41.7 40.6 61.0
101 0.0 7.8 11.6#
130 1.9 16.0 24.0#

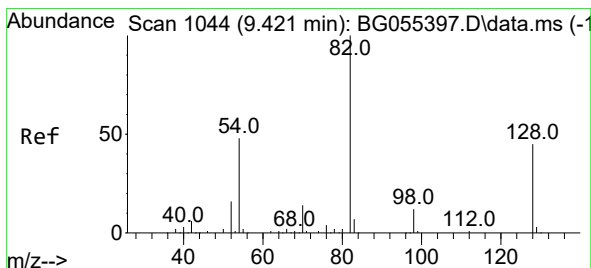
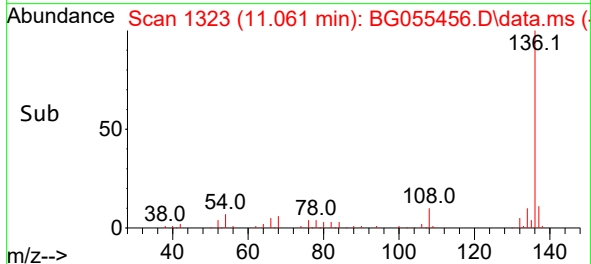
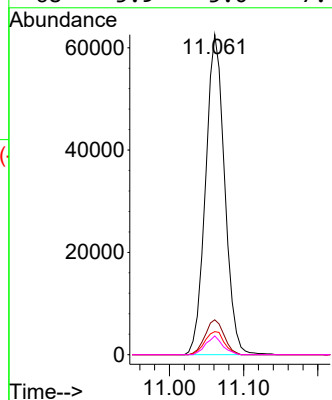
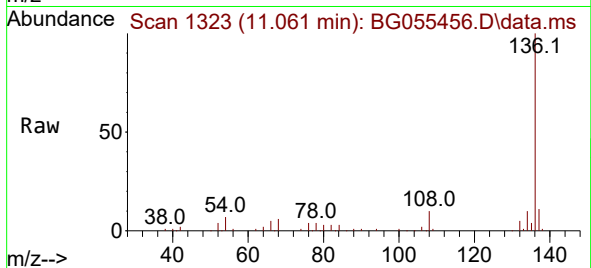




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 111734
Delta R.T. -0.006 min
Lab File: BG055456.D
Acq: 4 Nov 2022 16:20

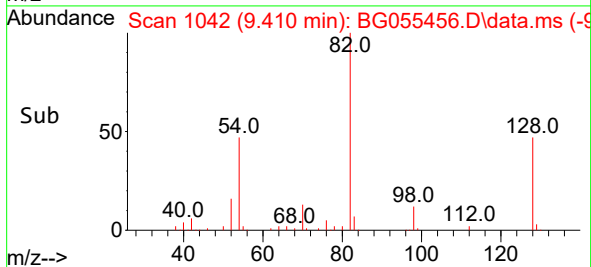
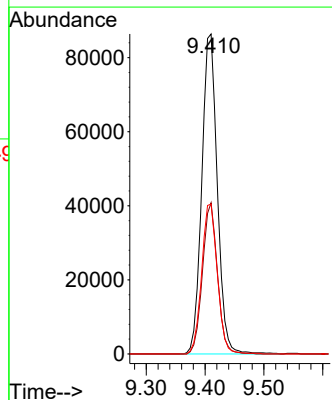
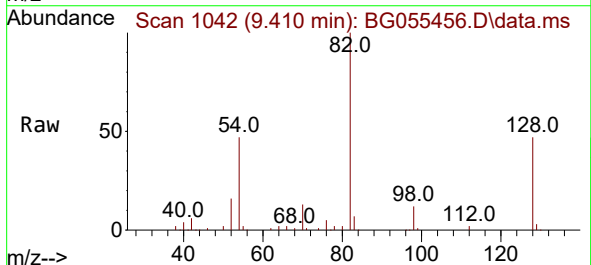
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221174-COMP-09-MODIFIED-ELUTRIATE

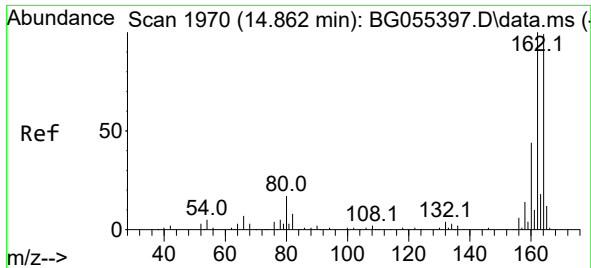
Tgt Ion:	136	Resp:	111734
Ion Ratio	Lower	Upper	
136	100		
137	10.9	9.4	14.2
54	7.2	6.1	9.1
68	5.9	5.0	7.4



#23
Nitrobenzene-d5
Concen: 75.660 ng
RT: 9.410 min Scan# 1042
Delta R.T. -0.001 min
Lab File: BG055456.D
Acq: 4 Nov 2022 16:20

Tgt Ion:	82	Resp:	158623
Ion Ratio	Lower	Upper	
82	100		
128	47.3	35.8	53.8
54	46.9	38.1	57.1

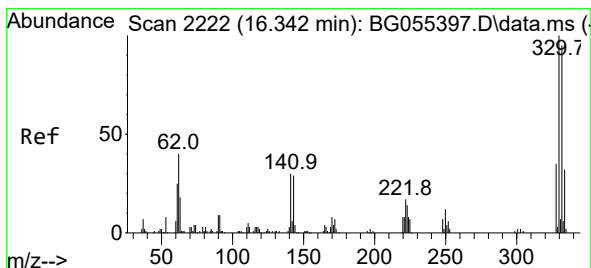
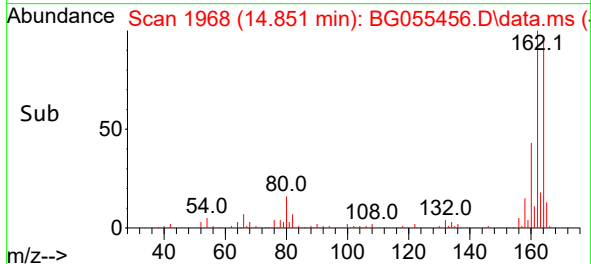
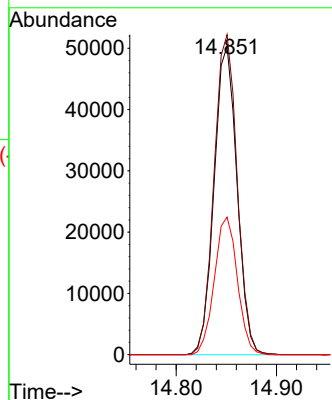
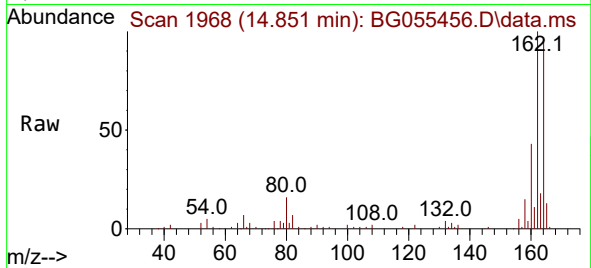




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BG055456.D
Acq: 4 Nov 2022 16:20

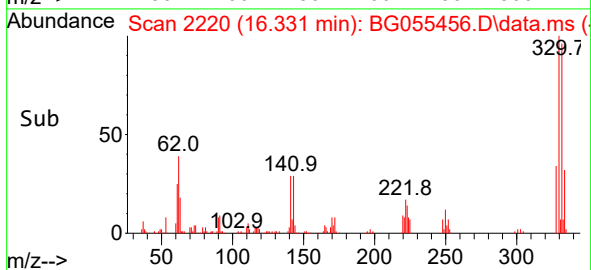
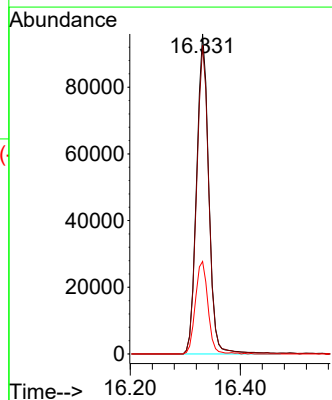
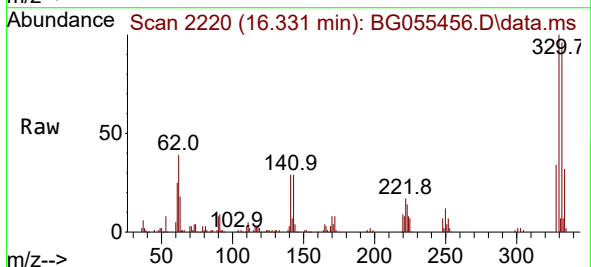
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221174-COMP-09-MODIFIED-ELUTRIATE

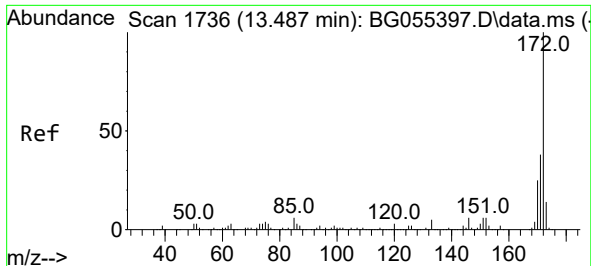
Tgt Ion:164 Resp: 79787
Ion Ratio Lower Upper
164 100
162 103.7 81.1 121.7
160 44.6 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 135.807 ng
RT: 16.331 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BG055456.D
Acq: 4 Nov 2022 16:20

Tgt Ion:330 Resp: 147801
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.6
141 29.7 24.2 36.2

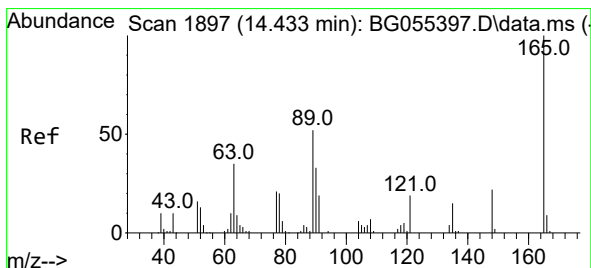
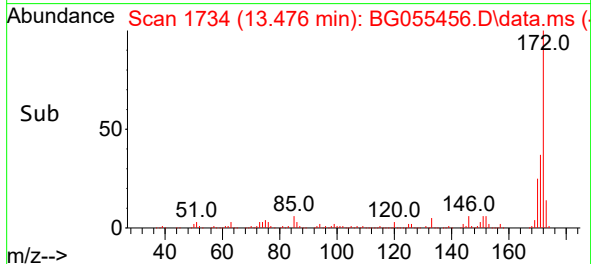
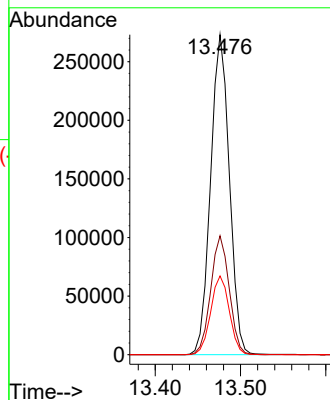
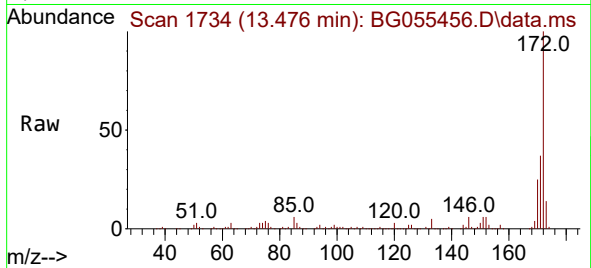




#45
2-Fluorobiphenyl
Concen: 77.517 ng
RT: 13.476 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055456.D
Acq: 4 Nov 2022 16:20

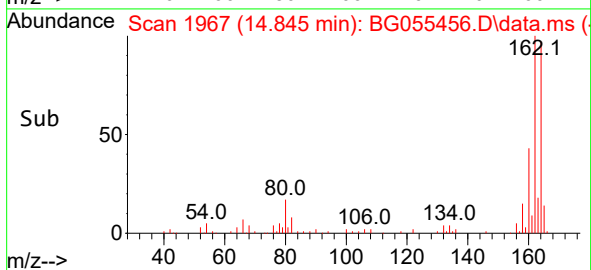
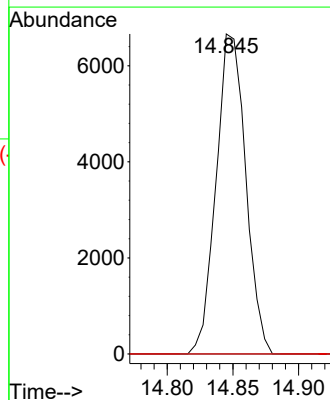
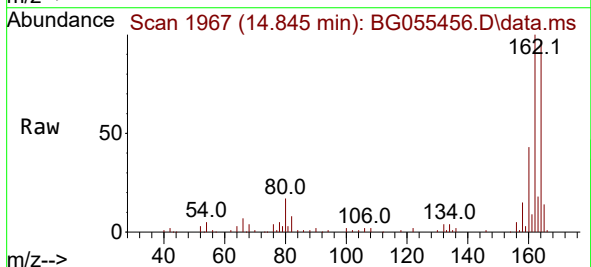
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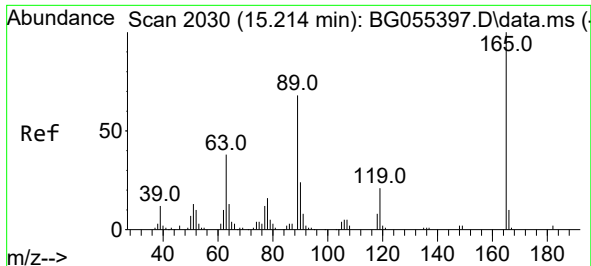
Tgt Ion:172 Resp: 417145
Ion Ratio Lower Upper
172 100
171 37.1 30.2 45.2
170 24.6 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.504 ng
RT: 14.845 min Scan# 1967
Delta R.T. 0.422 min
Lab File: BG055456.D
Acq: 4 Nov 2022 16:20

Tgt Ion:165 Resp: 10462
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: 5.248 ng

RT: 14.845 min Scan# 1967

Delta R.T. -0.365 min

Lab File: BG055456.D

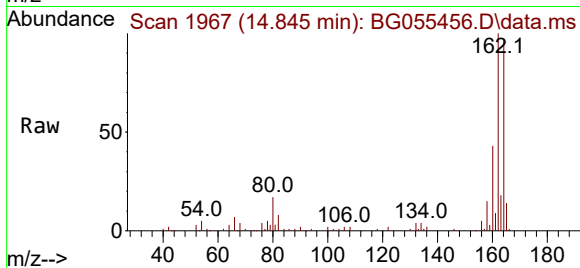
Acq: 4 Nov 2022 16:20

Instrument :

BNA_G

ClientSampleId :

DISSOLVED-20221174-COMP-09-MODIFIED-ELUTRIATE



Tgt Ion:165 Resp: 10462

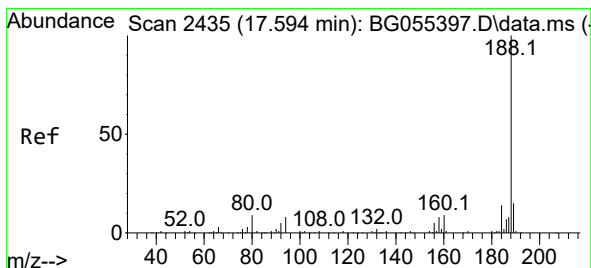
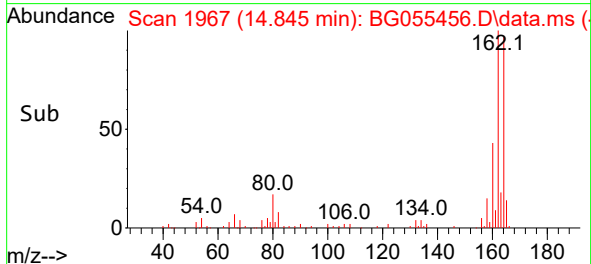
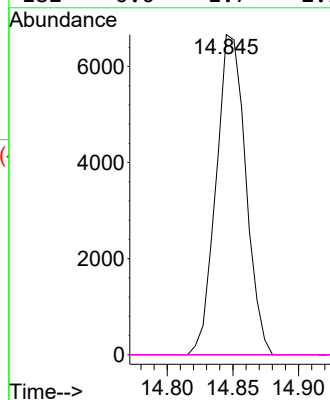
Ion Ratio Lower Upper

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# 2433

Delta R.T. -0.006 min

Lab File: BG055456.D

Acq: 4 Nov 2022 16:20

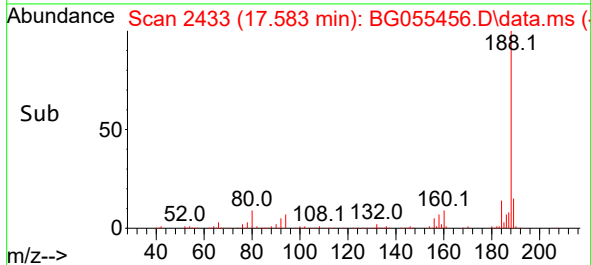
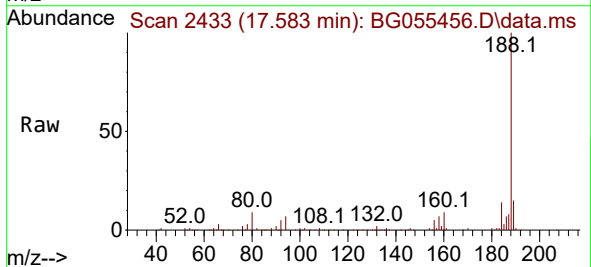
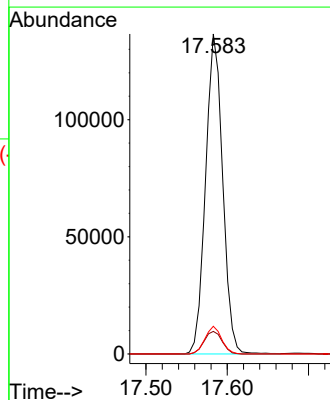
Tgt Ion:188 Resp: 199155

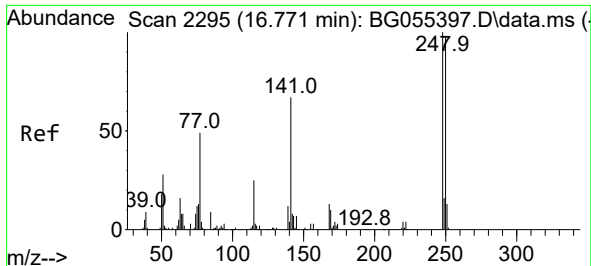
Ion Ratio Lower Upper

188 100

94 7.1 6.5 9.7

80 8.7 7.4 11.0

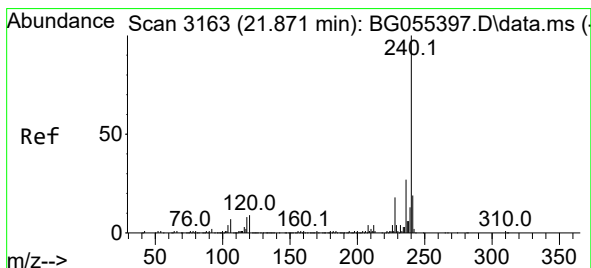
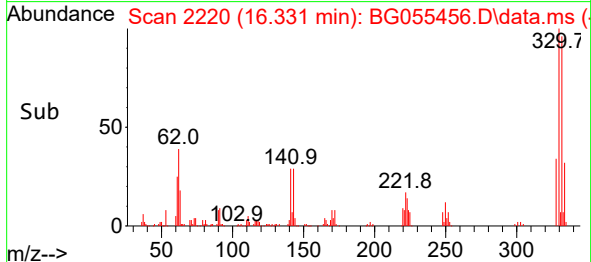
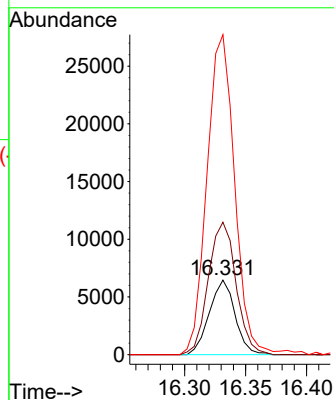
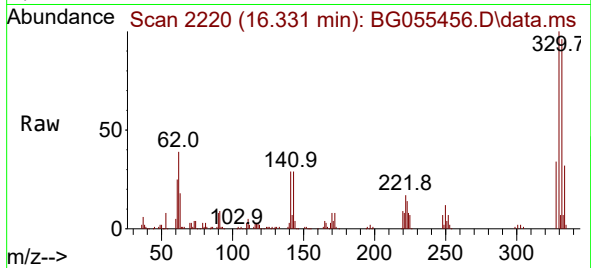




#67
4-Bromophenyl-phenylether
Concen: 4.037 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG055456.D
Acq: 4 Nov 2022 16:20

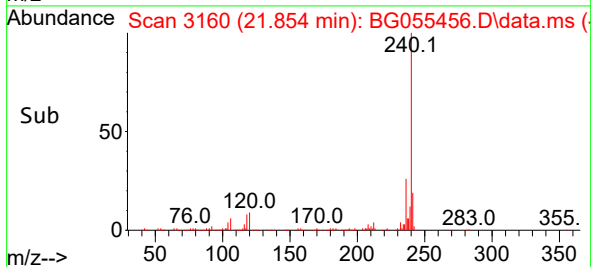
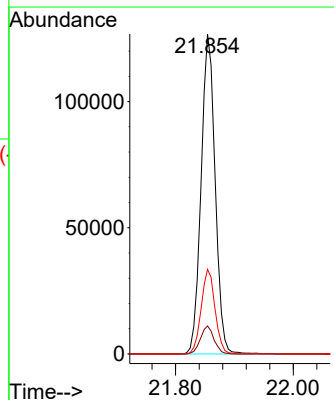
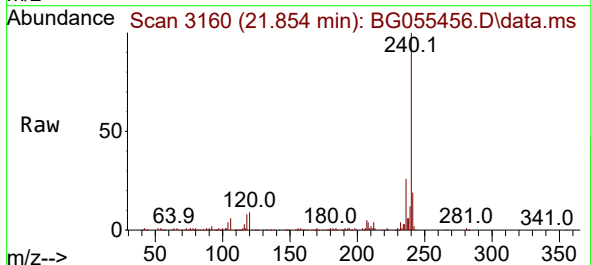
Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221174-COMP-09-MODIFIED-ELUTRIATE

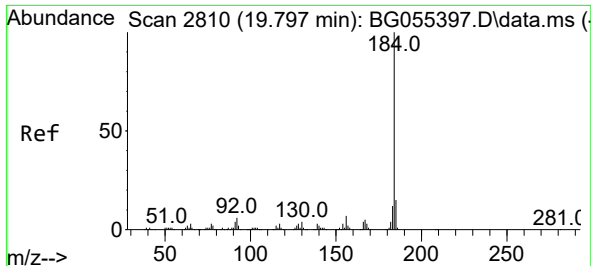
Tgt Ion:248 Resp: 9504
Ion Ratio Lower Upper
248 100
250 177.6 78.3 117.5#
141 429.0 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BG055456.D
Acq: 4 Nov 2022 16:20

Tgt Ion:240 Resp: 210316
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 26.4 21.5 32.3

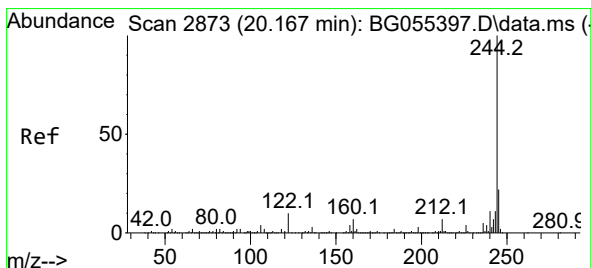
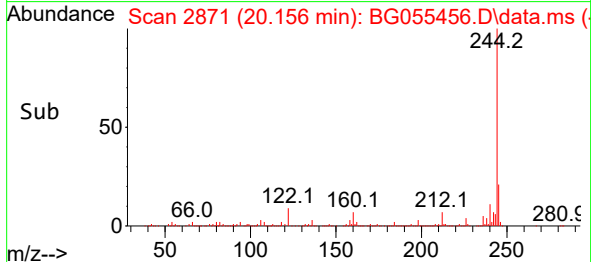
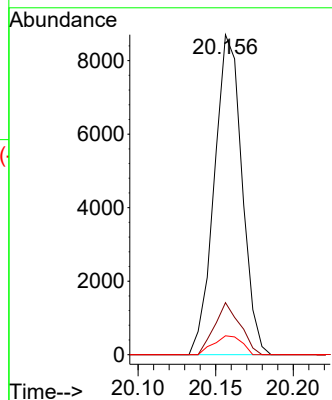
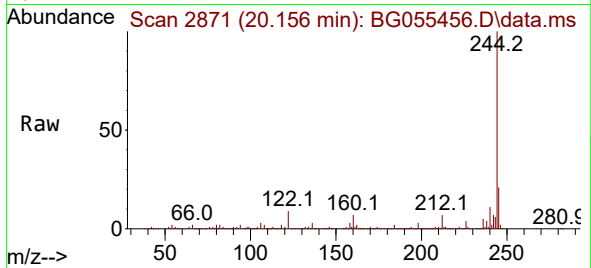




#77
Benzidine
Concen: 2.464 ng
RT: 20.156 min Scan# 2871
Delta R.T. 0.364 min
Lab File: BG055456.D
Acq: 4 Nov 2022 16:20

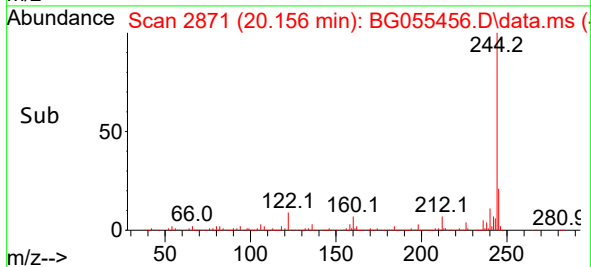
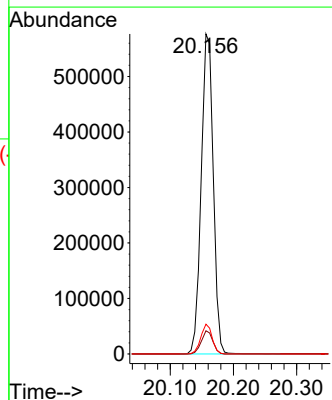
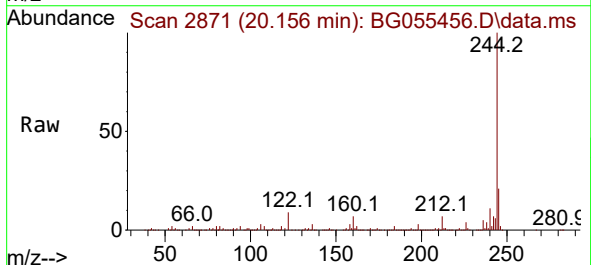
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221174-COMP-09-MODIFIED-ELUTRIATE

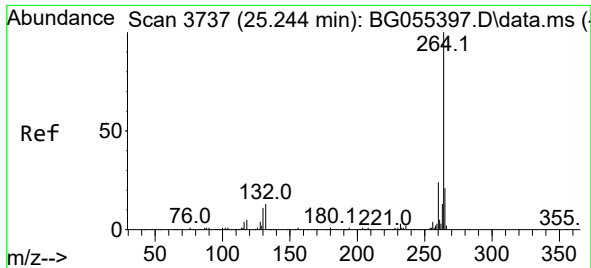
Tgt Ion:184 Resp: 10789
Ion Ratio Lower Upper
184 100
185 16.3 11.7 17.5
183 5.9 9.8 14.8#



#79
Terphenyl-d14
Concen: 70.583 ng
RT: 20.156 min Scan# 2871
Delta R.T. -0.006 min
Lab File: BG055456.D
Acq: 4 Nov 2022 16:20

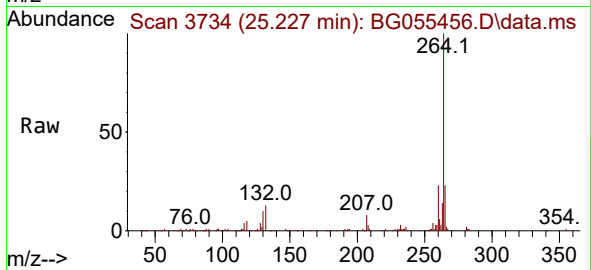
Tgt Ion:244 Resp: 763407
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.3 7.8 11.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.227 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055456.D
Acq: 4 Nov 2022 16:20

Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221174-COMP-09-MODIFIED-ELUTRIATE



Tgt Ion:264 Resp: 225308
Ion Ratio Lower Upper
264 100
260 23.4 18.9 28.3
265 22.7 17.1 25.7

