

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110422\
 Data File : BG055454.D
 Acq On : 4 Nov 2022 14:58
 Operator : CG/JU
 Sample : N5306-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DISSOLVED-20221173-COMP-08-MODIFIED-ELUTRIATE

Quant Time: Nov 05 00:02:47 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

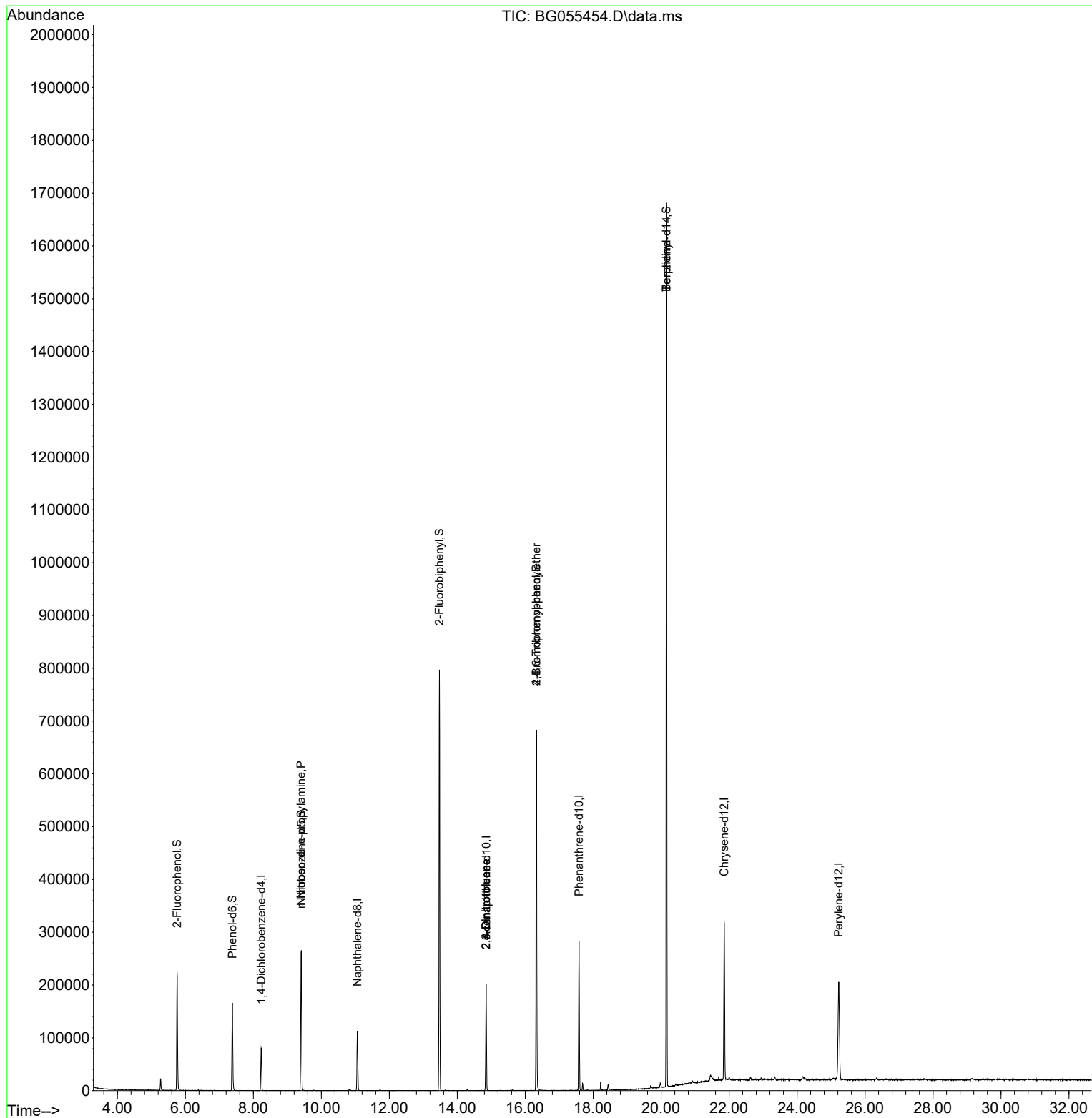
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	25279	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	103475	20.000	ng	0.00
39) Acenaphthene-d10	14.850	164	73686	20.000	ng	0.00
64) Phenanthrene-d10	17.582	188	185989	20.000	ng	0.00
76) Chrysene-d12	21.854	240	200613	20.000	ng	0.00
86) Perylene-d12	25.226	264	215175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.755	112	110066	78.192	ng	0.00
7) Phenol-d6	7.383	99	105966	54.285	ng	0.00
23) Nitrobenzene-d5	9.410	82	166946	85.986	ng	0.00
42) 2,4,6-Tribromophenol	16.331	330	148988	148.233	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	431010	86.725	ng	0.00
79) Terphenyl-d14	20.156	244	862051	83.558	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.404	70	21531	14.116	ng	# 81
51) 2,6-Dinitrotoluene	14.844	165	9583	7.442	ng	# 27
57) 2,4-Dinitrotoluene	14.844	165	9583	5.205	ng	# 25
67) 4-Bromophenyl-phenylether	16.331	248	9320	4.239	ng	# 1
77) Benzidine	20.156	184	12292	2.943	ng	# 91

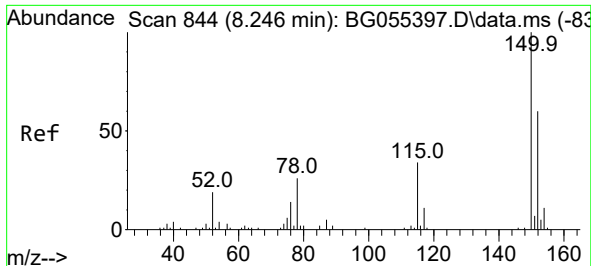
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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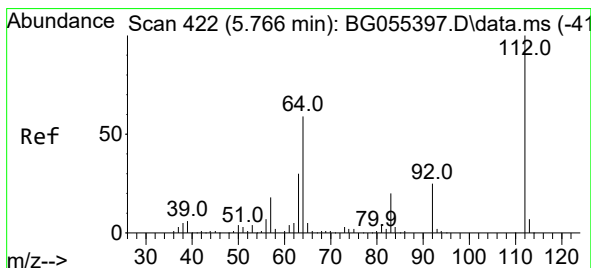
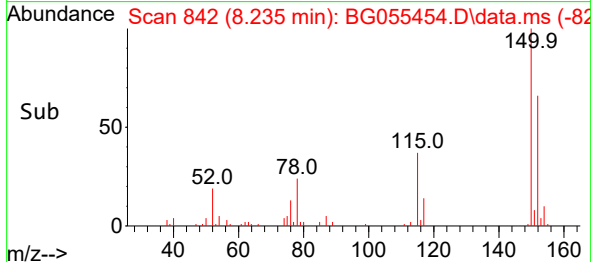
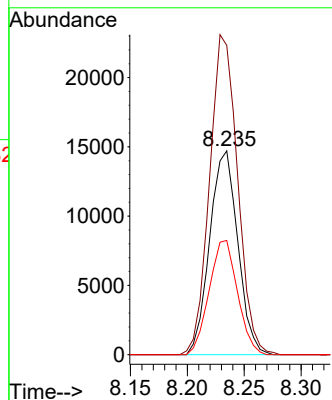
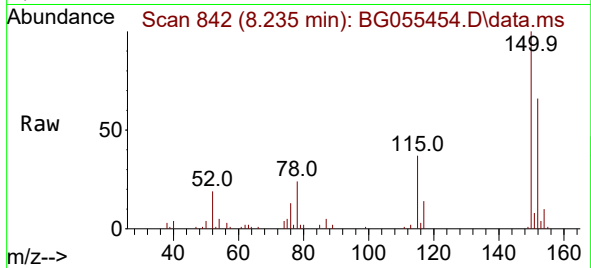




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

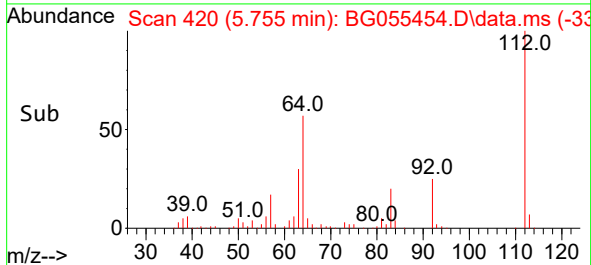
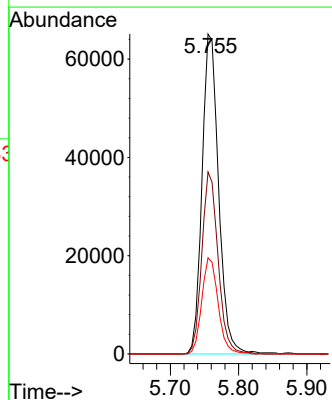
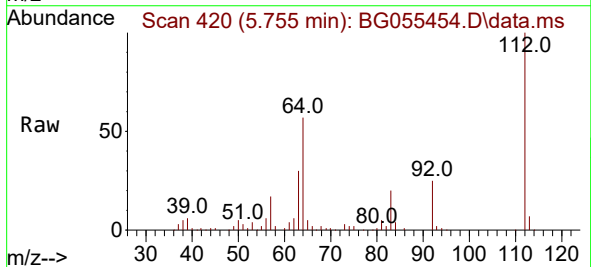
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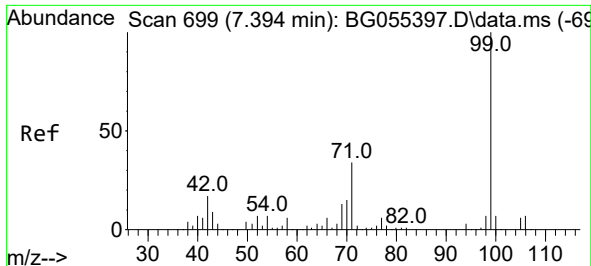
Tgt Ion:152 Resp: 25279
Ion Ratio Lower Upper
152 100
150 151.7 132.8 199.2
115 56.0 45.1 67.7



#5
2-Fluorophenol
Concen: 78.192 ng
RT: 5.755 min Scan# 420
Delta R.T. -0.007 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

Tgt Ion:112 Resp: 110066
Ion Ratio Lower Upper
112 100
64 56.9 47.2 70.8
63 30.1 24.3 36.5

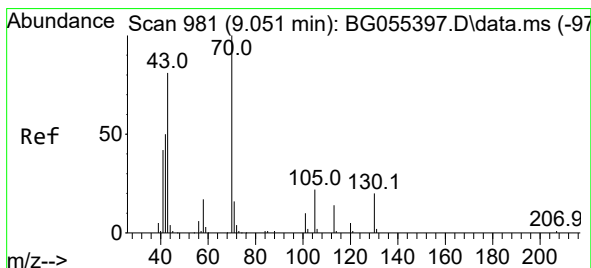
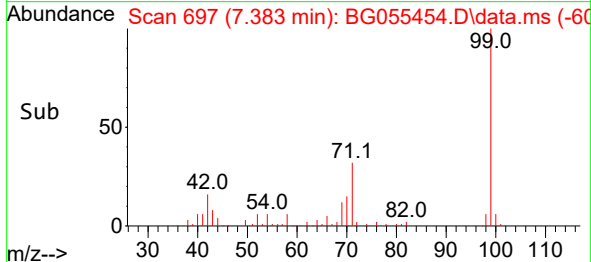
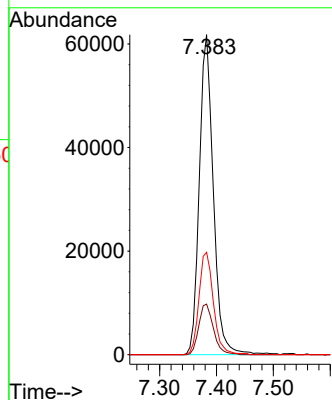
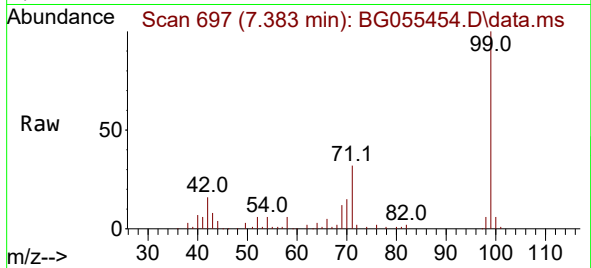




#7
Phenol-d6
Concen: 54.285 ng
RT: 7.383 min Scan# 699
Delta R.T. -0.001 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

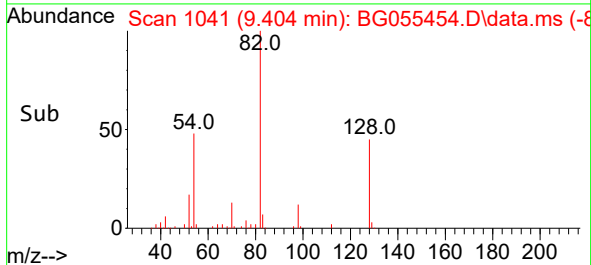
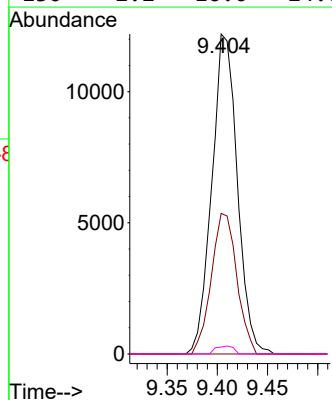
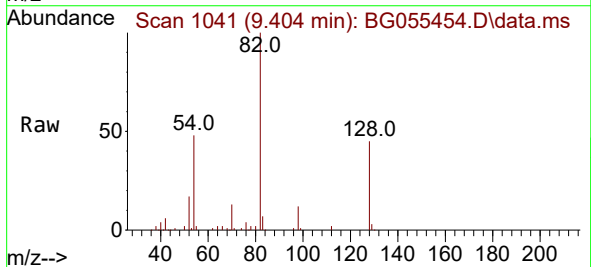
Instrument :
BNA_G
ClientSampleId :
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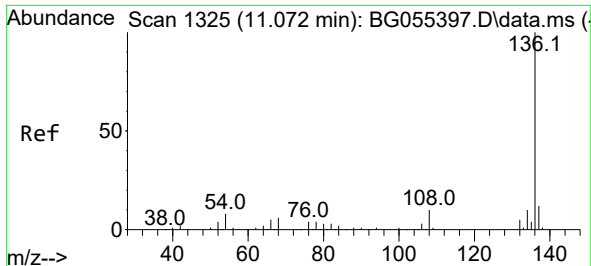
Tgt Ion: 99 Resp: 105966
Ion Ratio Lower Upper
99 100
42 15.8 13.5 20.3
71 32.0 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.116 ng
RT: 9.404 min Scan# 1041
Delta R.T. 0.363 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

Tgt Ion: 70 Resp: 21531
Ion Ratio Lower Upper
70 100
42 43.9 40.6 61.0
101 0.0 7.8 11.6#
130 2.2 16.0 24.0#

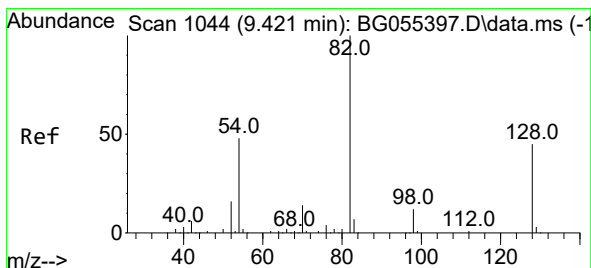
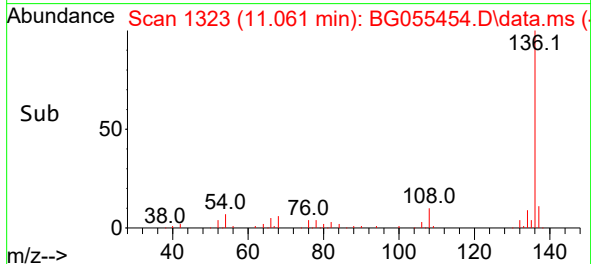
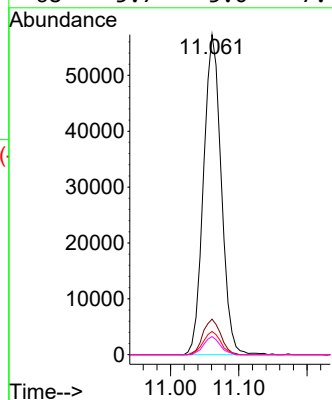
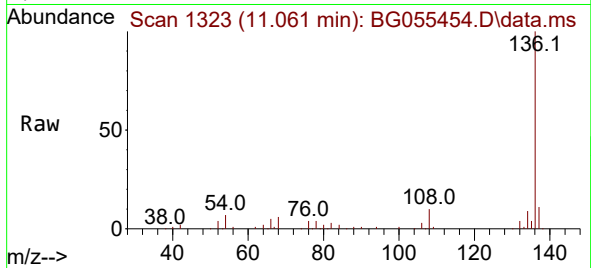




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

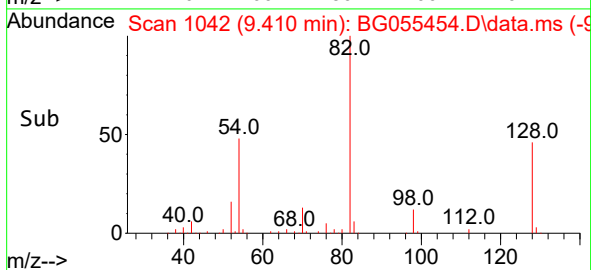
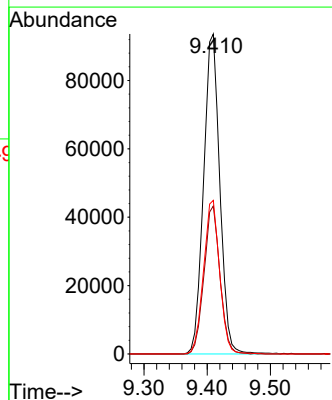
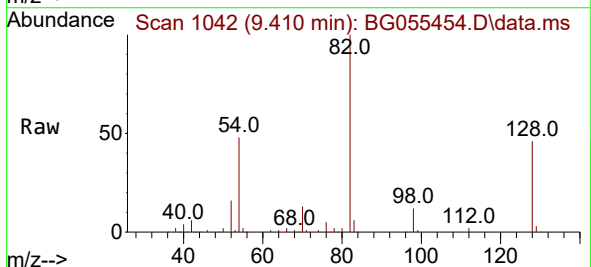
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221173-COMP-08-MODIFIED-ELUTRIATE

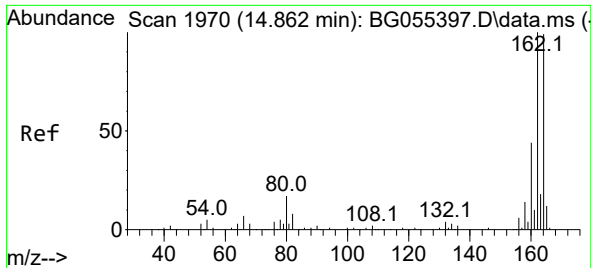
Tgt Ion:	136	Resp:	103475
Ion Ratio	Lower	Upper	
136	100		
137	11.1	9.4	14.2
54	7.3	6.1	9.1
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 85.986 ng
RT: 9.410 min Scan# 1042
Delta R.T. -0.001 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

Tgt Ion:	82	Resp:	166946
Ion Ratio	Lower	Upper	
82	100		
128	46.2	35.8	53.8
54	48.0	38.1	57.1

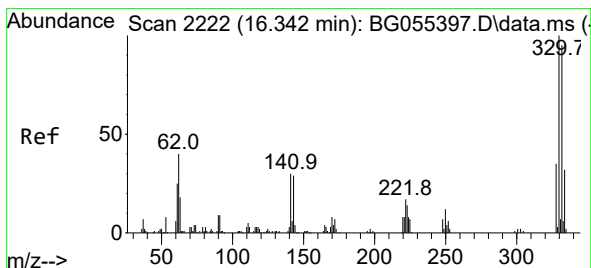
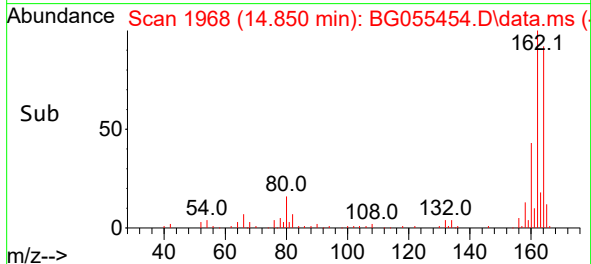
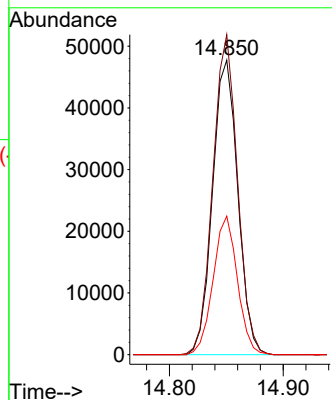
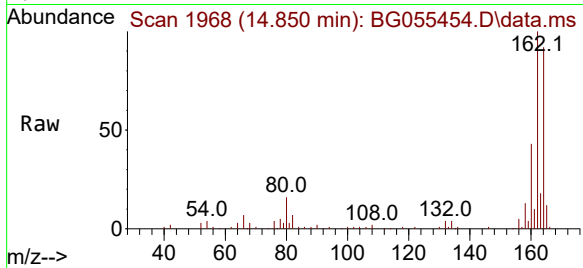




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.850 min Scan# 1970
Delta R.T. -0.007 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

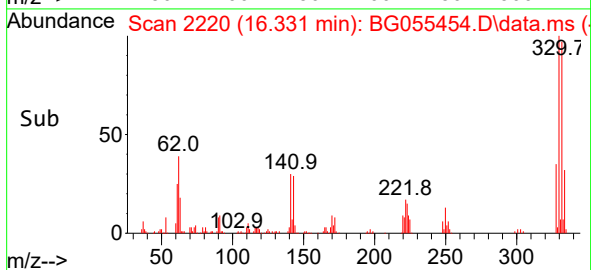
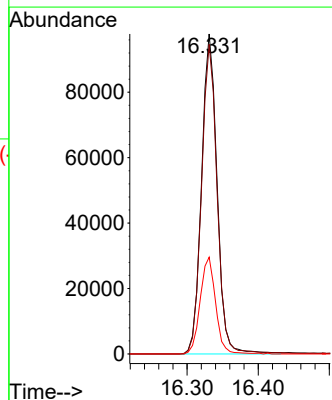
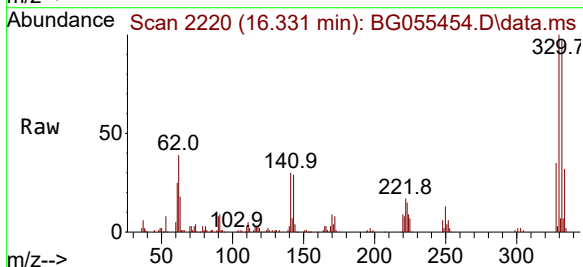
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221173-COMP-08-MODIFIED-ELUTRIATE

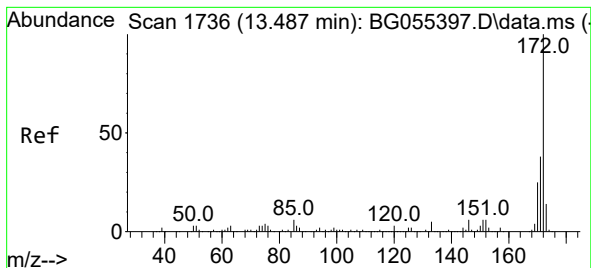
Tgt Ion:164 Resp: 73686
Ion Ratio Lower Upper
164 100
162 108.6 81.1 121.7
160 47.0 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 148.233 ng
RT: 16.331 min Scan# 2220
Delta R.T. -0.007 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

Tgt Ion:330 Resp: 148988
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.6
141 30.0 24.2 36.2

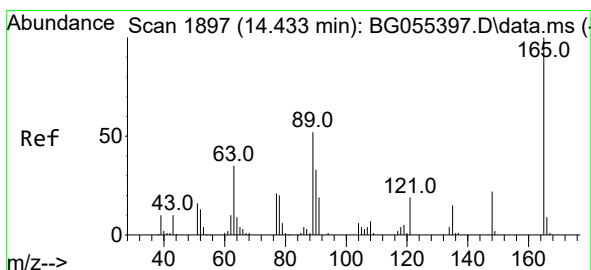
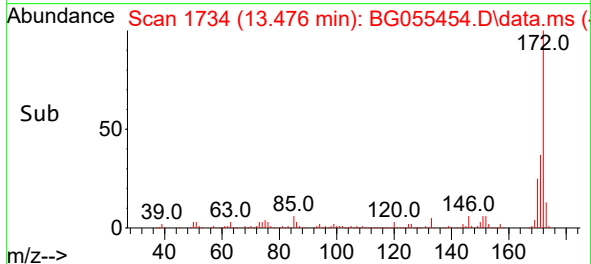
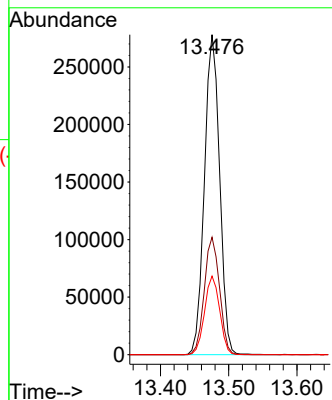
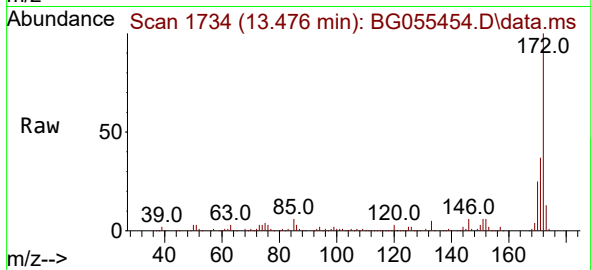




#45
2-Fluorobiphenyl
Concen: 86.725 ng
RT: 13.476 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

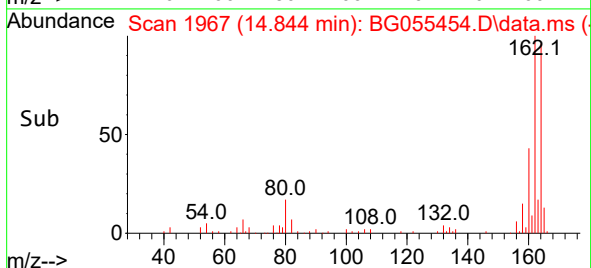
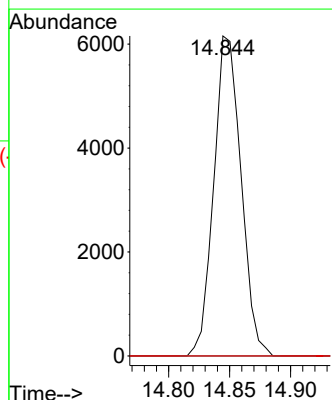
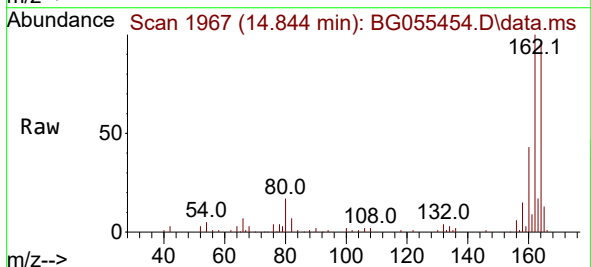
Instrument : BNA_G
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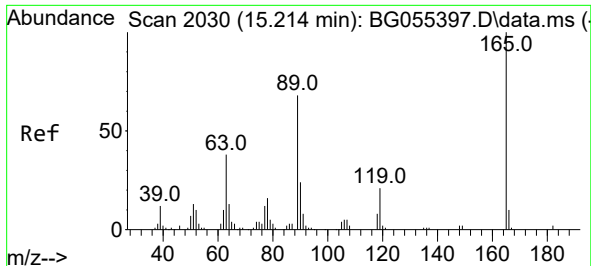
Tgt Ion:172 Resp: 431010
Ion Ratio Lower Upper
172 100
171 36.7 30.2 45.2
170 24.6 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.442 ng
RT: 14.844 min Scan# 1967
Delta R.T. 0.422 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

Tgt Ion:165 Resp: 9583
Ion Ratio Lower Upper
165 100
63 0.0 38.2 57.4#
89 0.0 41.8 62.6#

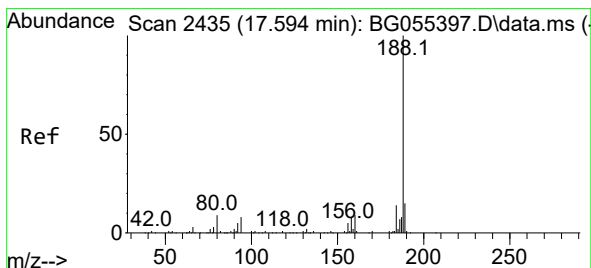
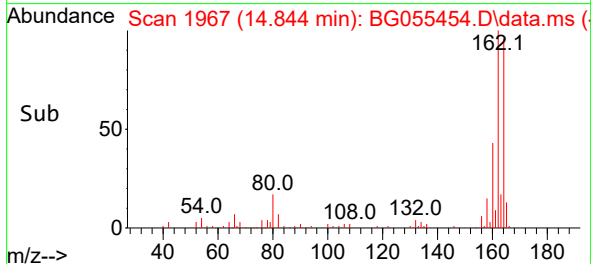
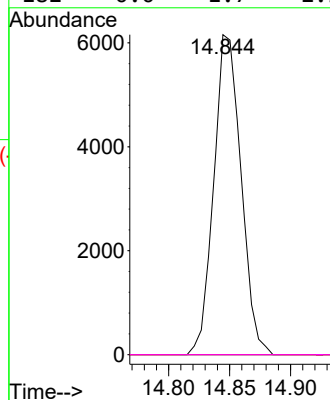
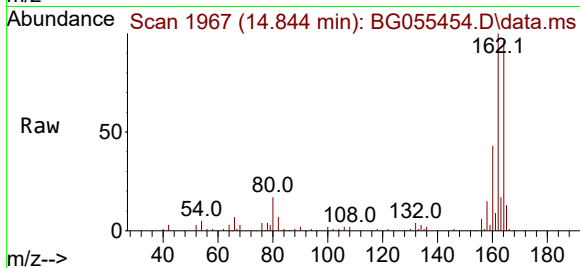




#57
2,4-Dinitrotoluene
Concen: 5.205 ng
RT: 14.844 min Scan# 1967
Delta R.T. -0.365 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

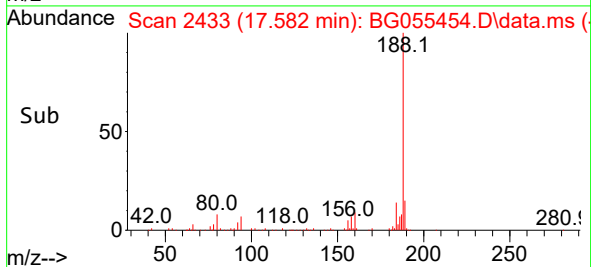
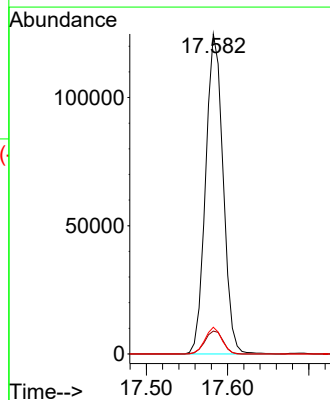
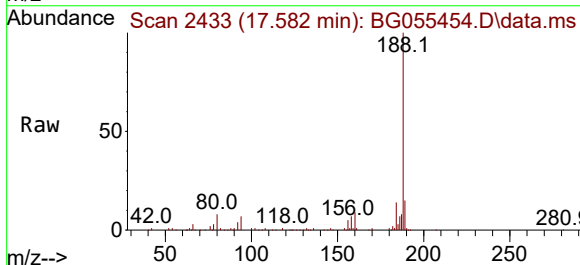
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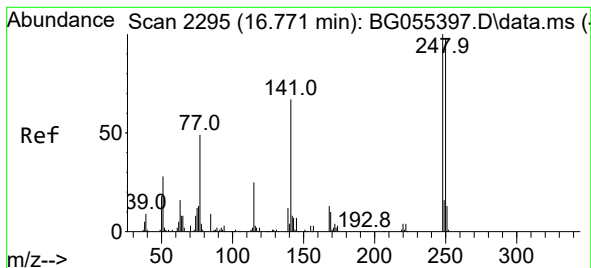
Tgt Ion:165 Resp: 9583
Ion Ratio Lower Upper
165 100
63 0.0 30.8 46.2#
89 0.0 54.5 81.7#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.582 min Scan# 2433
Delta R.T. -0.007 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

Tgt Ion:188 Resp: 185989
Ion Ratio Lower Upper
188 100
94 7.2 6.5 9.7
80 8.3 7.4 11.0

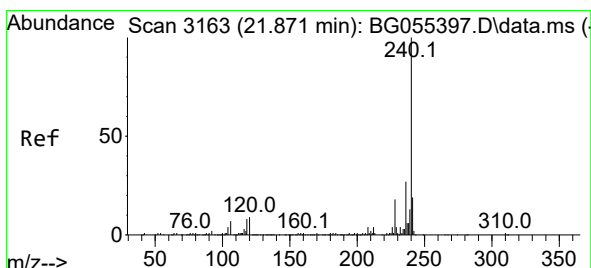
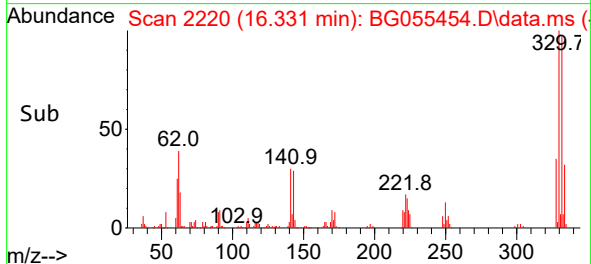
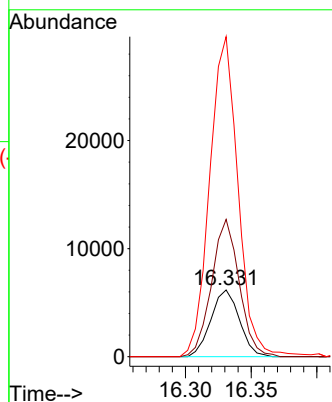
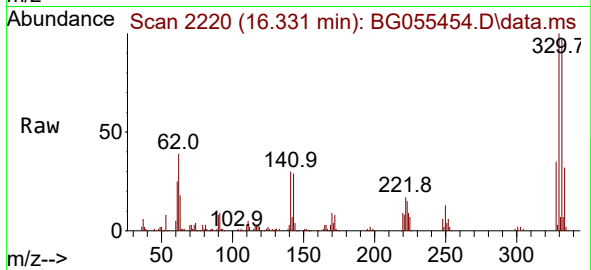




#67
4-Bromophenyl-phenylether
Concen: 4.239 ng
RT: 16.331 min Scan# 21
Delta R.T. -0.436 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

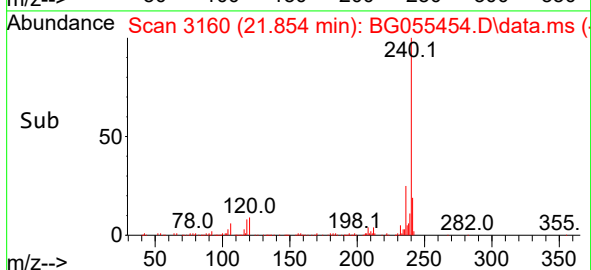
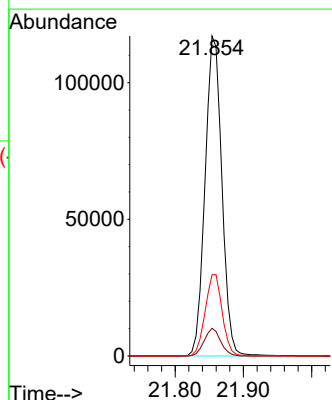
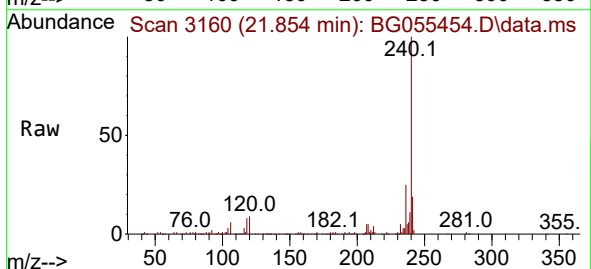
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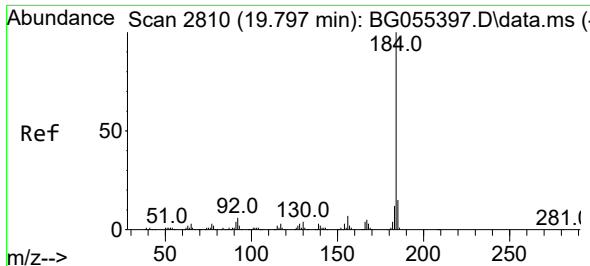
Tgt Ion:248 Resp: 9320
Ion Ratio Lower Upper
248 100
250 205.8 78.3 117.5#
141 479.9 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.007 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

Tgt Ion:240 Resp: 200613
Ion Ratio Lower Upper
240 100
120 8.7 6.9 10.3
236 25.4 21.5 32.3

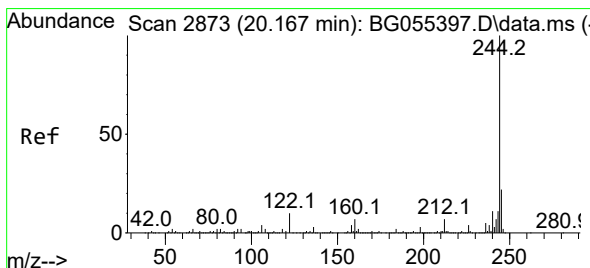
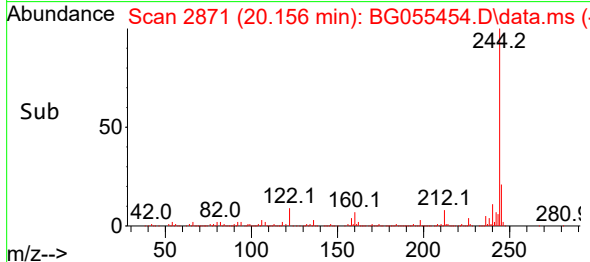
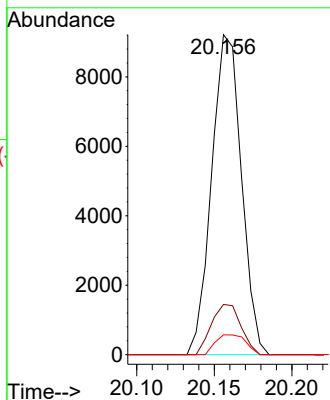
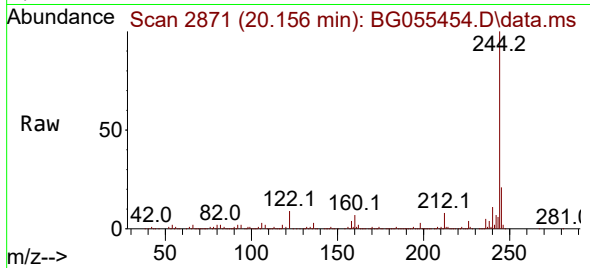




#77
Benzidine
Concen: 2.943 ng
RT: 20.156 min Scan# 2871
Delta R.T. 0.363 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

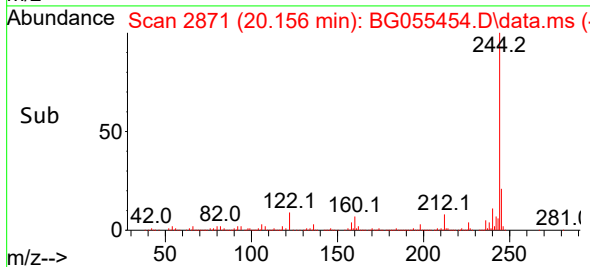
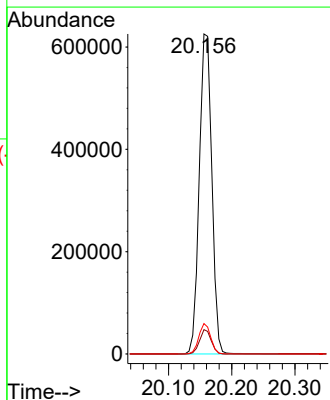
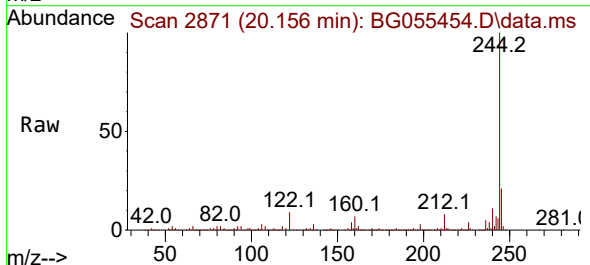
Instrument : BNA_G
ClientSampleId : DISSOLVED-20221173-COMP-08-MODIFIED-ELUTRIATE

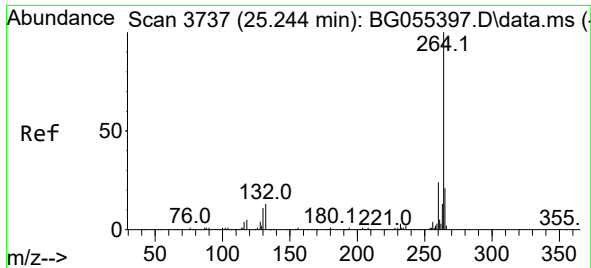
Tgt Ion:184 Resp: 12292
Ion Ratio Lower Upper
184 100
185 15.7 11.7 17.5
183 6.2 9.8 14.8#



#79
Terphenyl-d14
Concen: 83.558 ng
RT: 20.156 min Scan# 2871
Delta R.T. -0.007 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

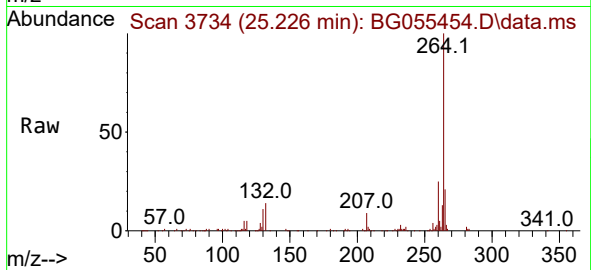
Tgt Ion:244 Resp: 862051
Ion Ratio Lower Upper
244 100
212 7.6 5.8 8.8
122 9.5 7.8 11.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.226 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG055454.D
Acq: 4 Nov 2022 14:58

Instrument :
BNA_G
ClientSampleId :
DISSOLVED-20221173-COMP-08-MODIFIED-ELUTRIATE



Tgt Ion:264 Resp: 215175
Ion Ratio Lower Upper
264 100
260 24.7 18.9 28.3
265 21.5 17.1 25.7

