

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
 Data File : BG055446.D
 Acq On : 3 Nov 2022 20:50
 Operator : CG/JU
 Sample : N5306-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Nov 04 05:31:27 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)

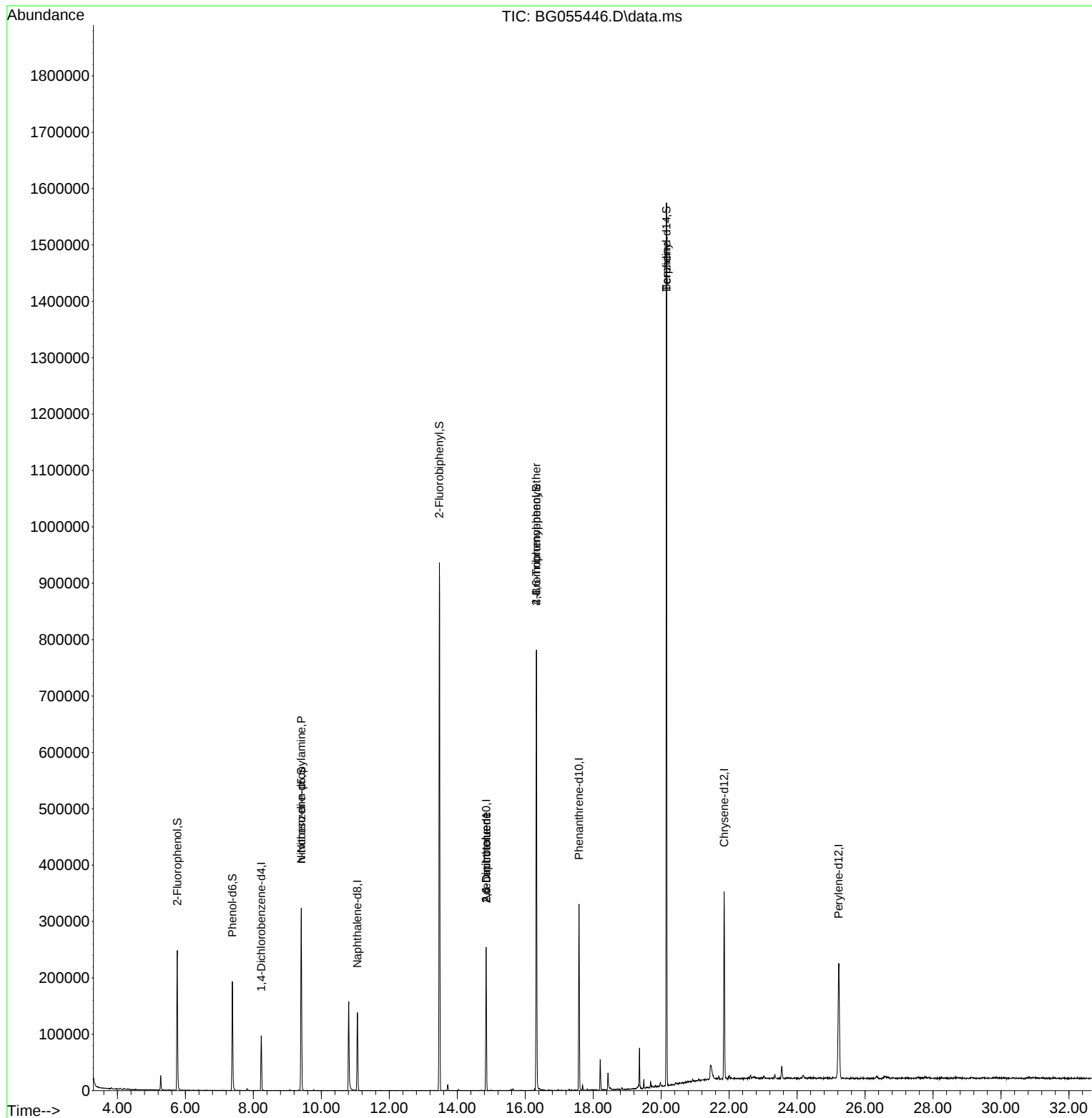
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.235	152	29961	20.000	ng	0.00
21) Naphthalene-d8	11.061	136	125150	20.000	ng	0.00
39) Acenaphthene-d10	14.851	164	90646	20.000	ng	0.00
64) Phenanthrene-d10	17.583	188	212058	20.000	ng	0.00
76) Chrysene-d12	21.854	240	213142	20.000	ng	0.00
86) Perylene-d12	25.227	264	232092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.762	112	119499	71.627	ng	0.00
7) Phenol-d6	7.383	99	122099	52.775	ng	0.00
23) Nitrobenzene-d5	9.410	82	200115	85.219	ng	0.00
42) 2,4,6-Tribromophenol	16.332	330	173314	140.173	ng	0.00
45) 2-Fluorobiphenyl	13.476	172	514163	84.099	ng	0.00
79) Terphenyl-d14	20.156	244	789451	72.023	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.410	70	26498	14.657	ng	# 82
51) 2,6-Dinitrotoluene	14.851	165	11636	7.346	ng	# 27
57) 2,4-Dinitrotoluene	14.851	165	11636	5.137	ng	# 25
67) 4-Bromophenyl-phenylether	16.332	248	10935	4.362	ng	# 1
77) Benzidine	20.156	184	11413	2.572	ng	# 91

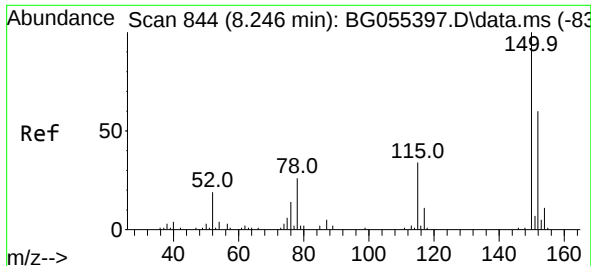
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110322\
Data File : BG055446.D
Acq On : 3 Nov 2022 20:50
Operator : CG/JU
Sample : N5306-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Quant Time: Nov 04 05:31:27 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

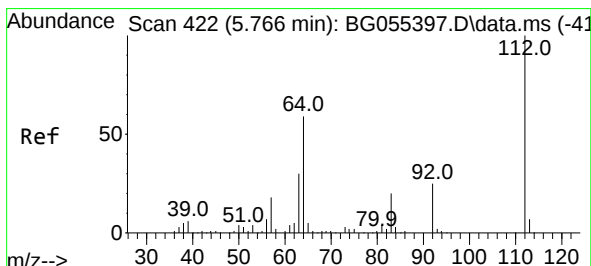
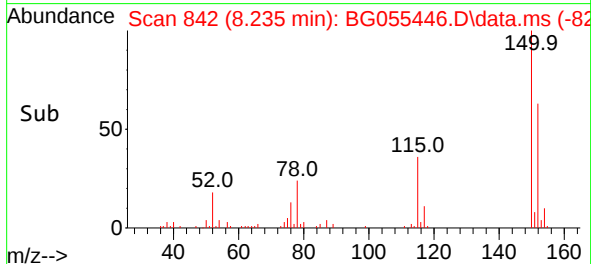
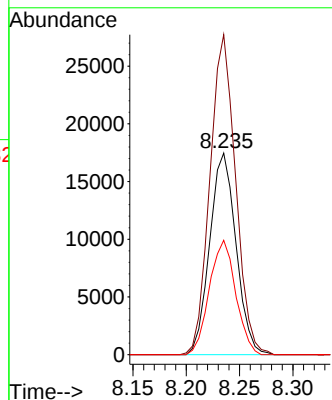
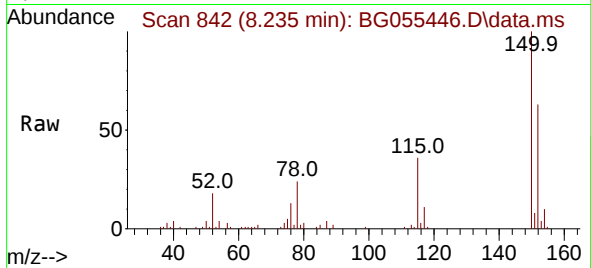




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.235 min Scan# 844
Delta R.T. -0.001 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

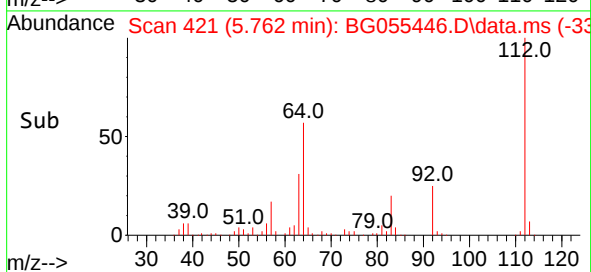
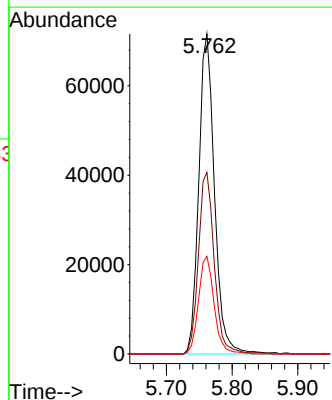
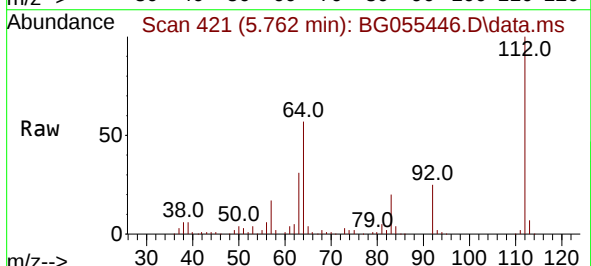
Instrument : BNA_G
ClientSampleId : 20221174-COMP-09-MODIFIED-ELUTRIATE

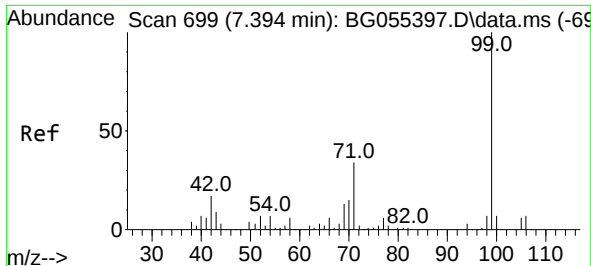
Tgt Ion:152 Resp: 29961
Ion Ratio Lower Upper
152 100
150 158.8 132.8 199.2
115 56.8 45.1 67.7



#5
2-Fluorophenol
Concen: 71.627 ng
RT: 5.762 min Scan# 421
Delta R.T. -0.000 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

Tgt Ion:112 Resp: 119499
Ion Ratio Lower Upper
112 100
64 56.7 47.2 70.8
63 30.5 24.3 36.5

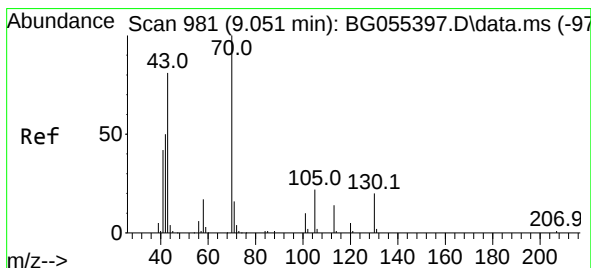
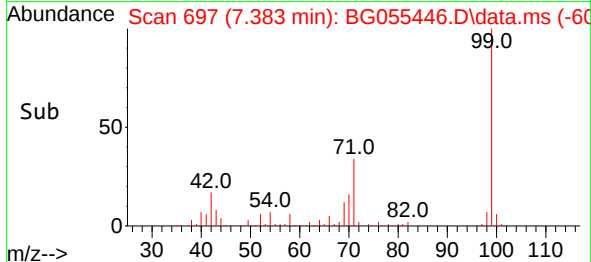
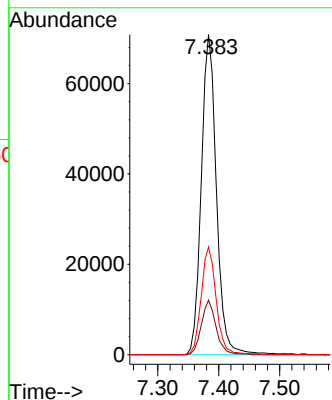
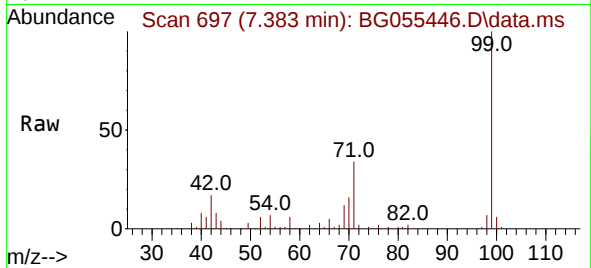




#7
Phenol-d6
Concen: 52.775 ng
RT: 7.383 min Scan# 697
Delta R.T. -0.000 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

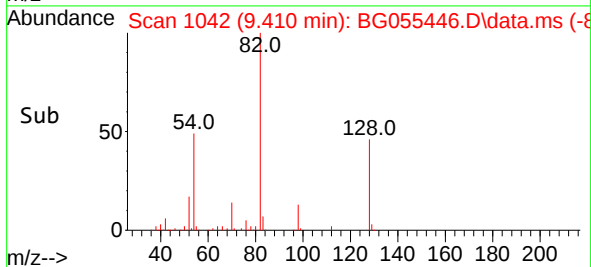
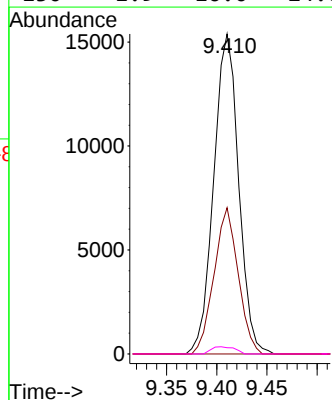
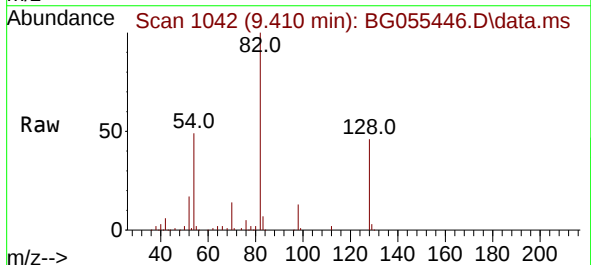
Instrument :
BNA_G
ClientSampleId :
20221174-COMP-09-MODIFIED-ELUTRIATE

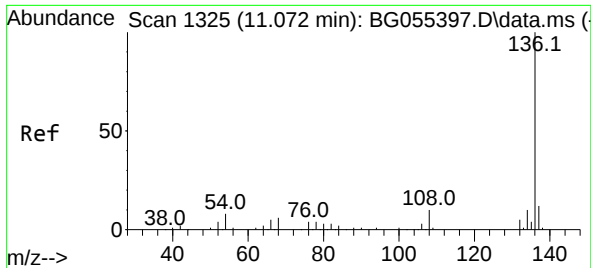
Tgt Ion: 99 Resp: 122099
Ion Ratio Lower Upper
99 100
42 17.0 13.5 20.3
71 33.7 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.657 ng
RT: 9.410 min Scan# 1042
Delta R.T. 0.370 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

Tgt Ion: 70 Resp: 26498
Ion Ratio Lower Upper
70 100
42 45.7 40.6 61.0
101 0.0 7.8 11.6#
130 1.9 16.0 24.0#

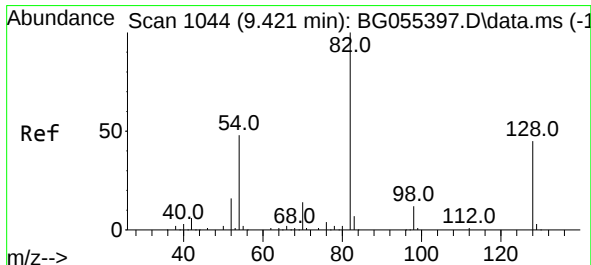
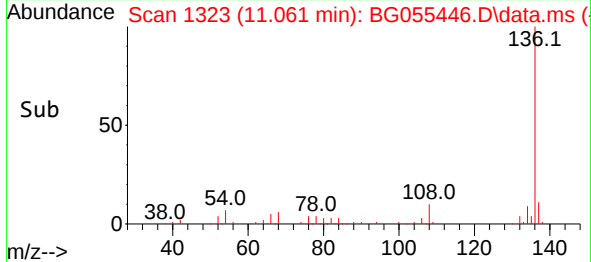
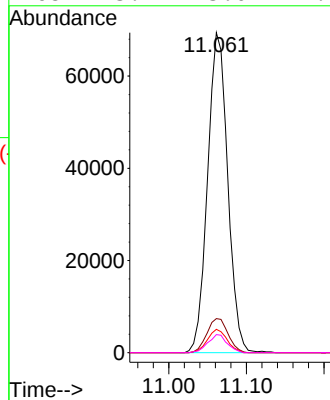
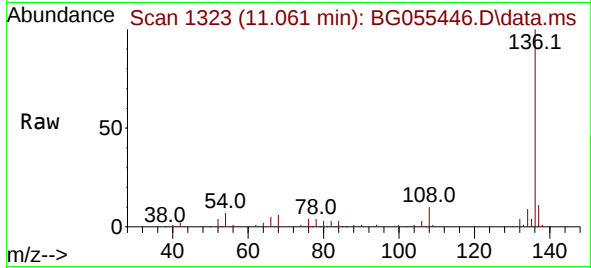




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.061 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

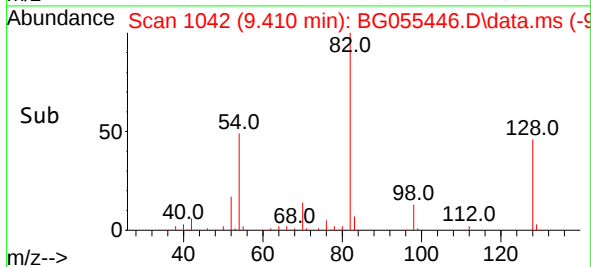
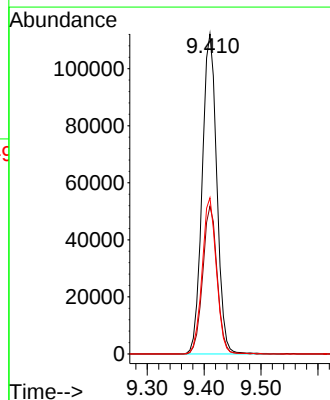
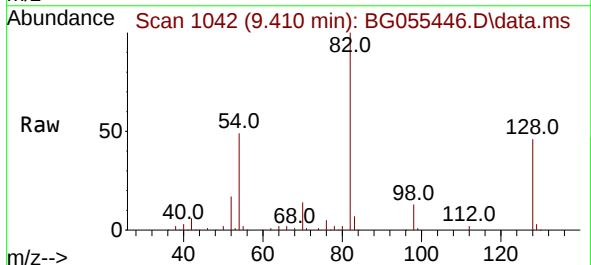
Instrument :
BNA_G
ClientSampleId :
20221174-COMP-09-MODIFIED-ELUTRIATE

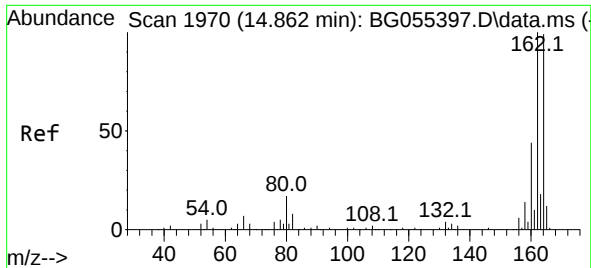
Tgt Ion:	136	Resp:	125150
Ion Ratio	Lower	Upper	
136	100		
137	10.6	9.4	14.2
54	7.3	6.1	9.1
68	5.7	5.0	7.4



#23
Nitrobenzene-d5
Concen: 85.219 ng
RT: 9.410 min Scan# 1042
Delta R.T. -0.000 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

Tgt Ion:	82	Resp:	200115
Ion Ratio	Lower	Upper	
82	100		
128	46.1	35.8	53.8
54	48.8	38.1	57.1

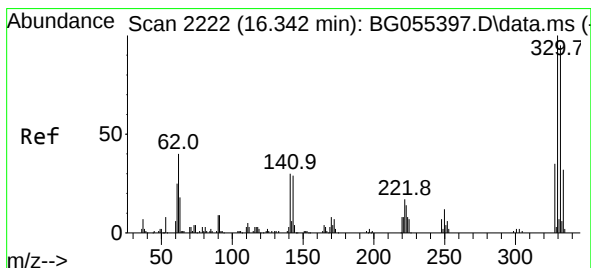
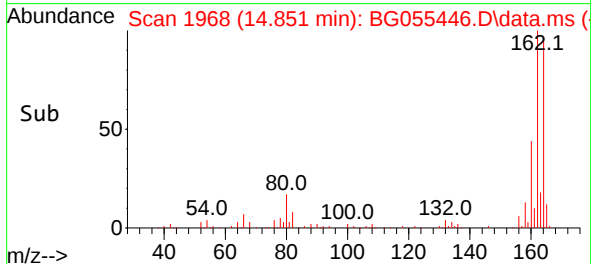
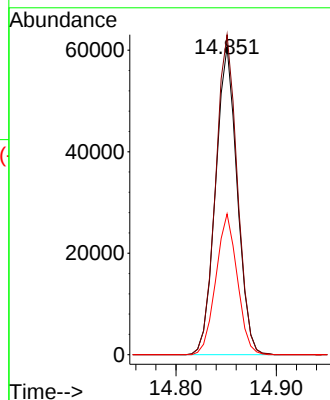
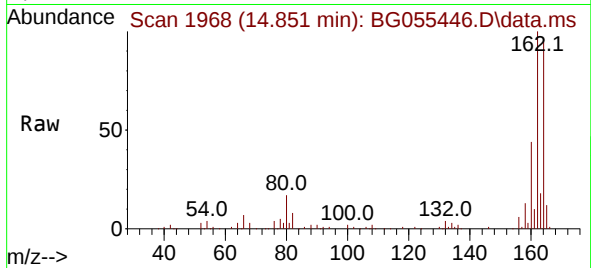




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.851 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

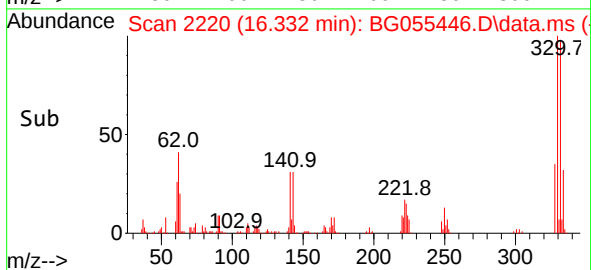
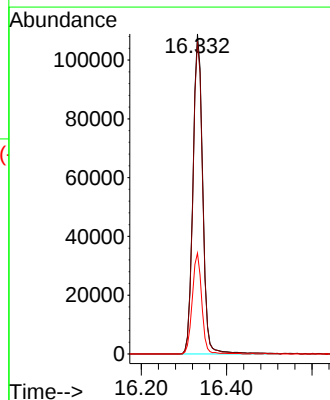
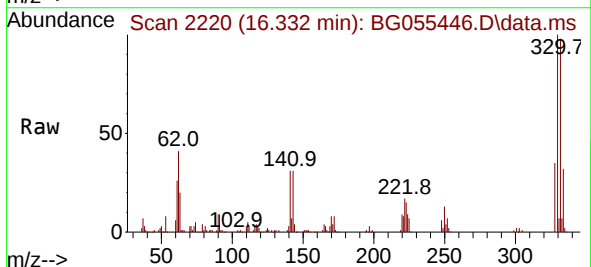
Instrument :
BNA_G
ClientSampleId :
20221174-COMP-09-MODIFIED-ELUTRIATE

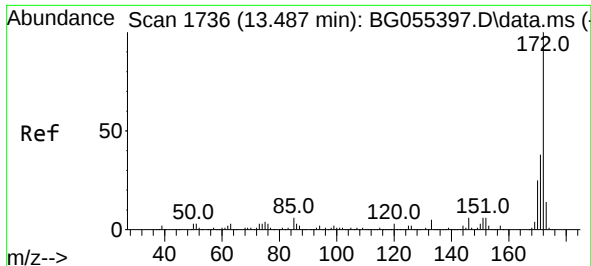
Tgt Ion:164 Resp: 90646
Ion Ratio Lower Upper
164 100
162 103.9 81.1 121.7
160 45.7 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 140.173 ng
RT: 16.332 min Scan# 2220
Delta R.T. -0.006 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

Tgt Ion:330 Resp: 173314
Ion Ratio Lower Upper
330 100
332 96.9 77.8 116.6
141 30.4 24.2 36.2

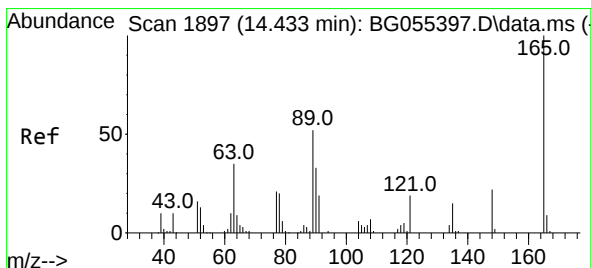
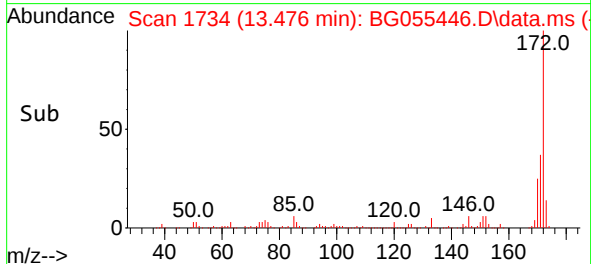
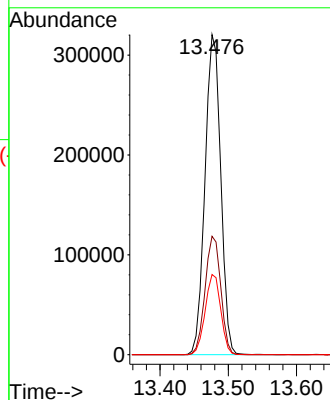
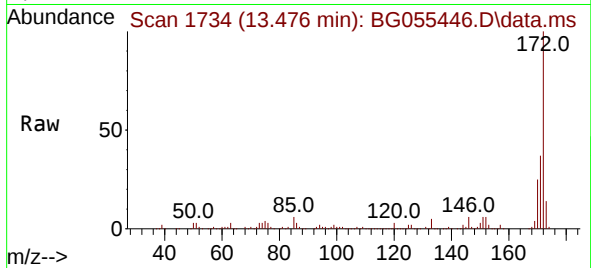




#45
2-Fluorobiphenyl
Concen: 84.099 ng
RT: 13.476 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

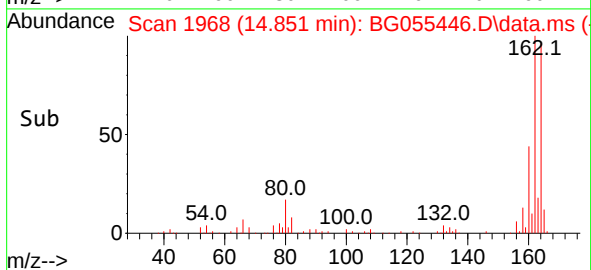
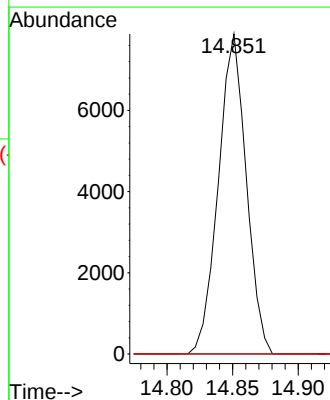
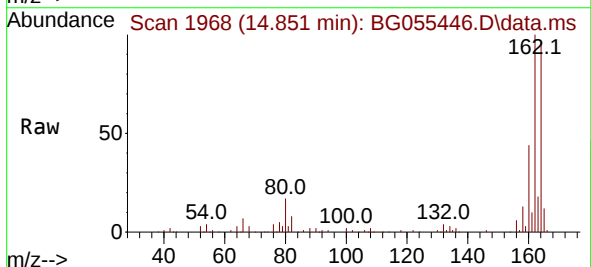
Instrument :
BNA_G
ClientSampleId :
20221174-COMP-09-MODIFIED-ELUTRIATE

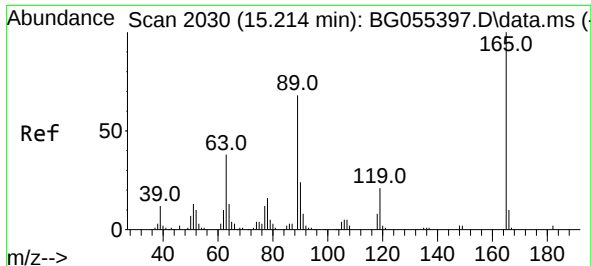
Tgt Ion:172 Resp: 514163
Ion Ratio Lower Upper
172 100
171 37.0 30.2 45.2
170 25.0 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.346 ng
RT: 14.851 min Scan# 1968
Delta R.T. 0.428 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

Tgt Ion:165 Resp: 11636
Ion Ratio Lower Upper
165 100
63 0.0 38.2 57.4#
89 0.0 41.8 62.6#

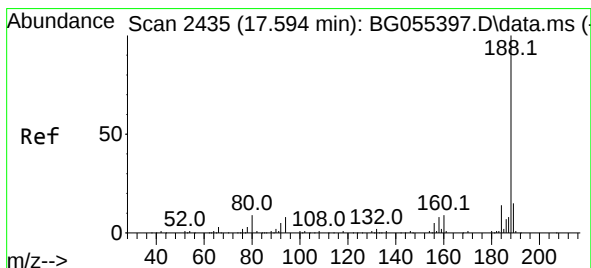
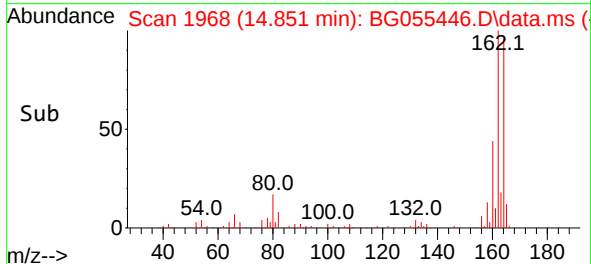
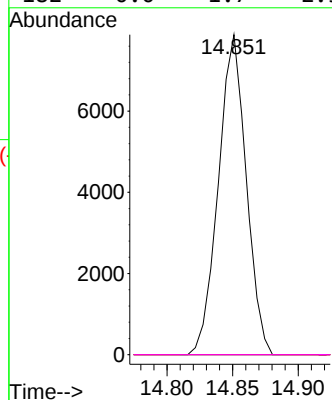
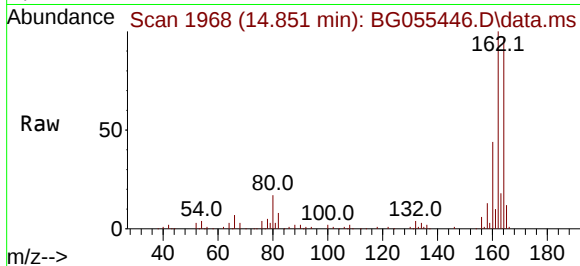




#57
2,4-Dinitrotoluene
Concen: 5.137 ng
RT: 14.851 min Scan# 1968
Delta R.T. -0.359 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

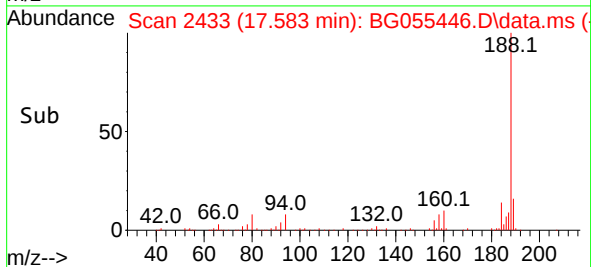
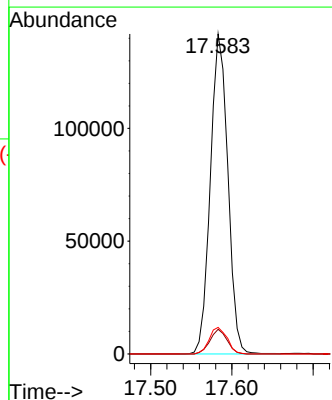
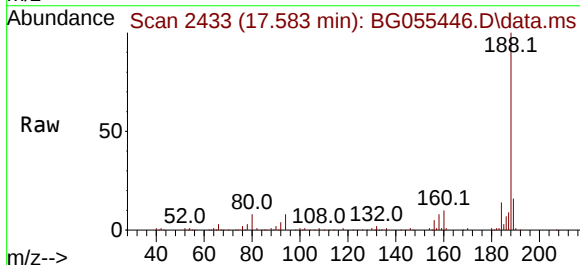
Instrument : BNA_G
ClientSampleId : 20221174-COMP-09-MODIFIED-ELUTRIATE

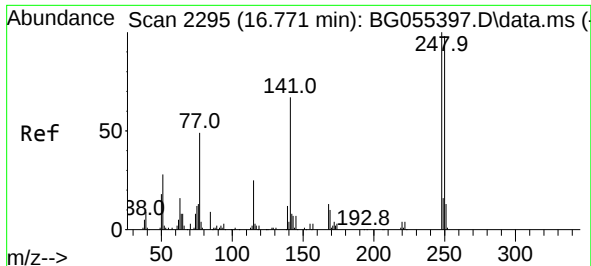
Tgt Ion:165 Resp: 11636
Ion Ratio Lower Upper
165 100
63 0.0 30.8 46.2#
89 0.0 54.5 81.7#
182 0.0 1.7 2.5#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.583 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

Tgt Ion:188 Resp: 212058
Ion Ratio Lower Upper
188 100
94 7.7 6.5 9.7
80 8.3 7.4 11.0

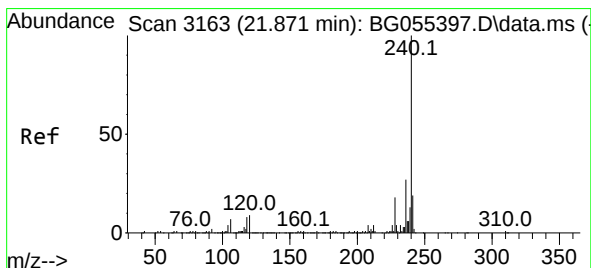
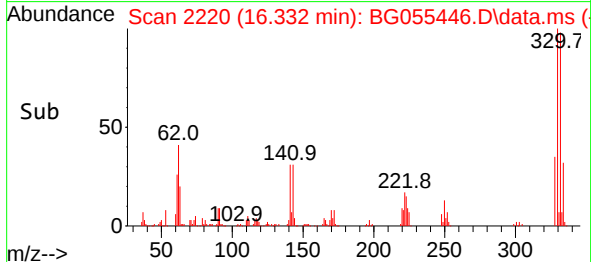
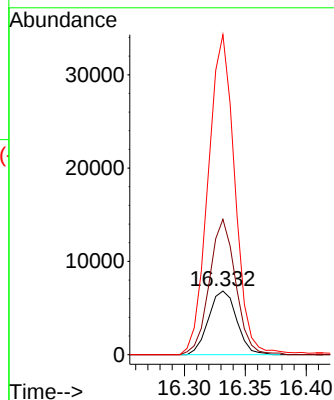
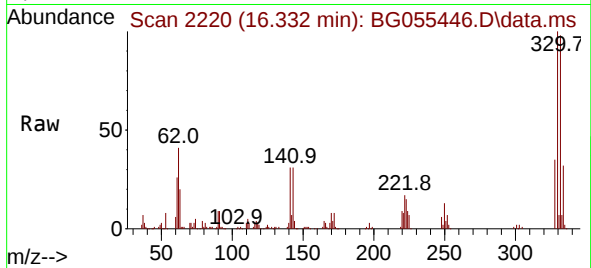




#67
4-Bromophenyl-phenylether
Concen: 4.362 ng
RT: 16.332 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

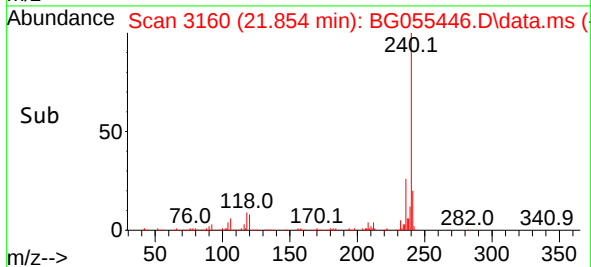
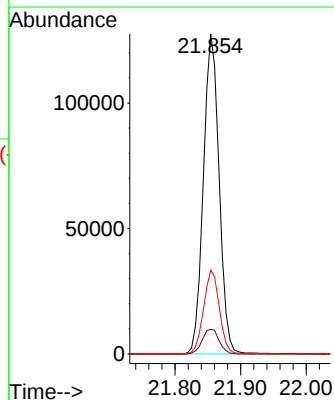
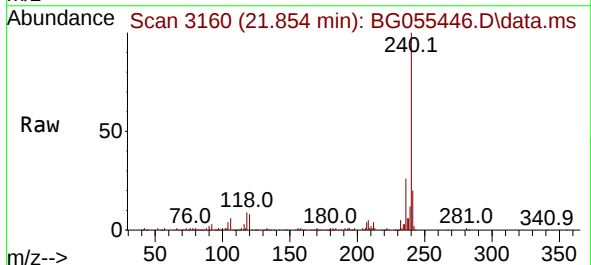
Instrument :
BNA_G
ClientSampleId :
20221174-COMP-09-MODIFIED-ELUTRIATE

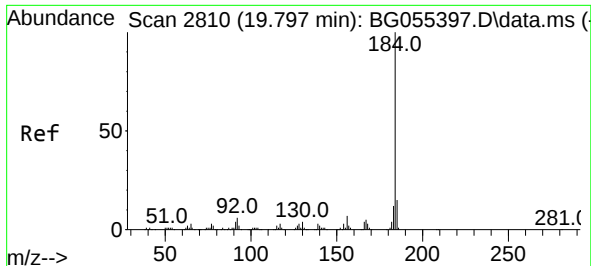
Tgt Ion:248 Resp: 10935
Ion Ratio Lower Upper
248 100
250 212.5 78.3 117.5#
141 502.4 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.854 min Scan# 3160
Delta R.T. -0.006 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

Tgt Ion:240 Resp: 213142
Ion Ratio Lower Upper
240 100
120 7.7 6.9 10.3
236 26.2 21.5 32.3

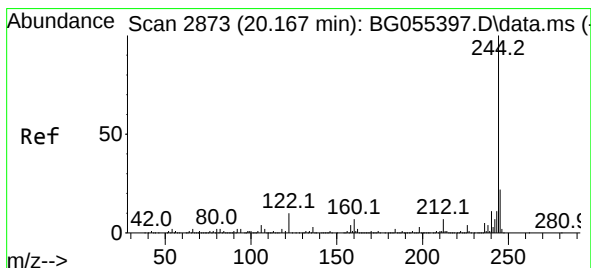
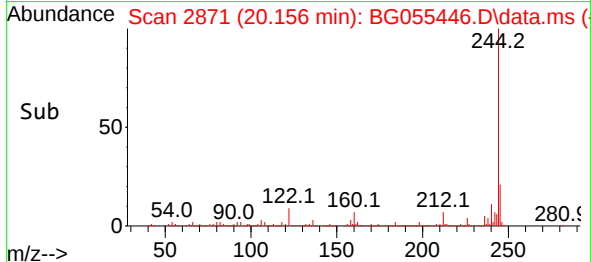
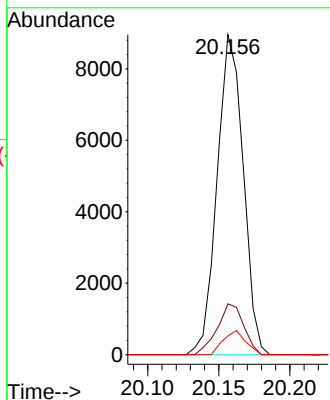
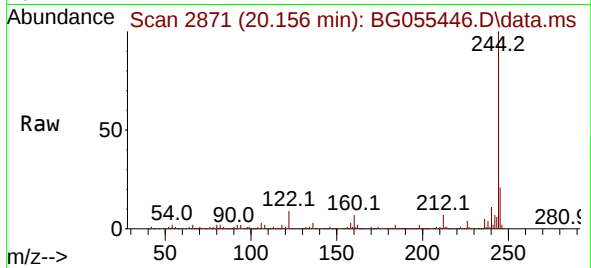




#77
Benzidine
Concen: 2.572 ng
RT: 20.156 min Scan# 2871
Delta R.T. 0.364 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

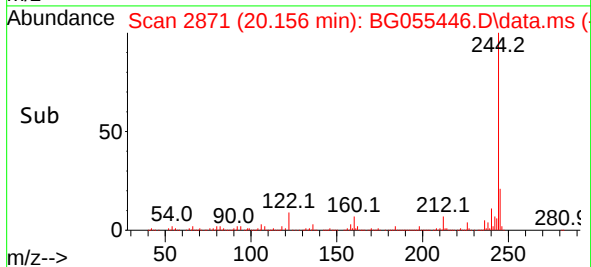
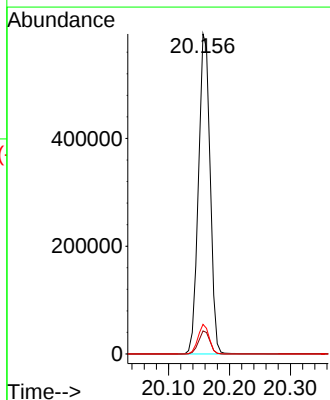
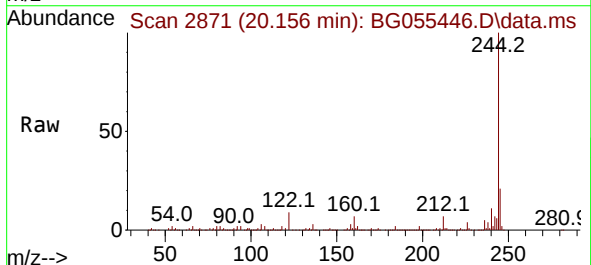
Instrument :
BNA_G
ClientSampleId :
20221174-COMP-09-MODIFIED-ELUTRIATE

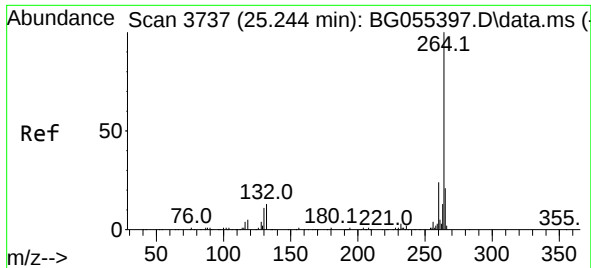
Tgt Ion:184 Resp: 11413
Ion Ratio Lower Upper
184 100
185 15.9 11.7 17.5
183 5.9 9.8 14.8#



#79
Terphenyl-d14
Concen: 72.023 ng
RT: 20.156 min Scan# 2871
Delta R.T. -0.006 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

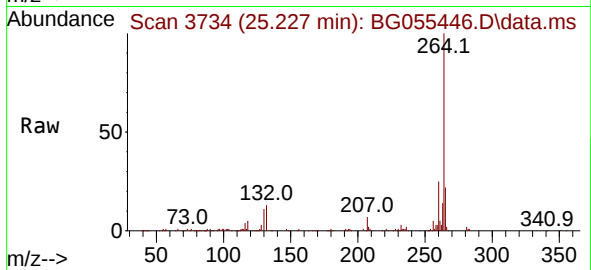
Tgt Ion:244 Resp: 789451
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.8
122 9.3 7.8 11.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.227 min Scan# 31
Delta R.T. -0.006 min
Lab File: BG055446.D
Acq: 3 Nov 2022 20:50

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



Tgt Ion:264 Resp: 232092
Ion Ratio Lower Upper
264 100
260 25.1 18.9 28.3
265 22.5 17.1 25.7

