

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055634.D
 Acq On : 15 Nov 2022 23:13
 Operator : CG/JU
 Sample : N5431-01RE
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Nov 16 01:47:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 01:36:26 2022
 Response via : Initial Calibration

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

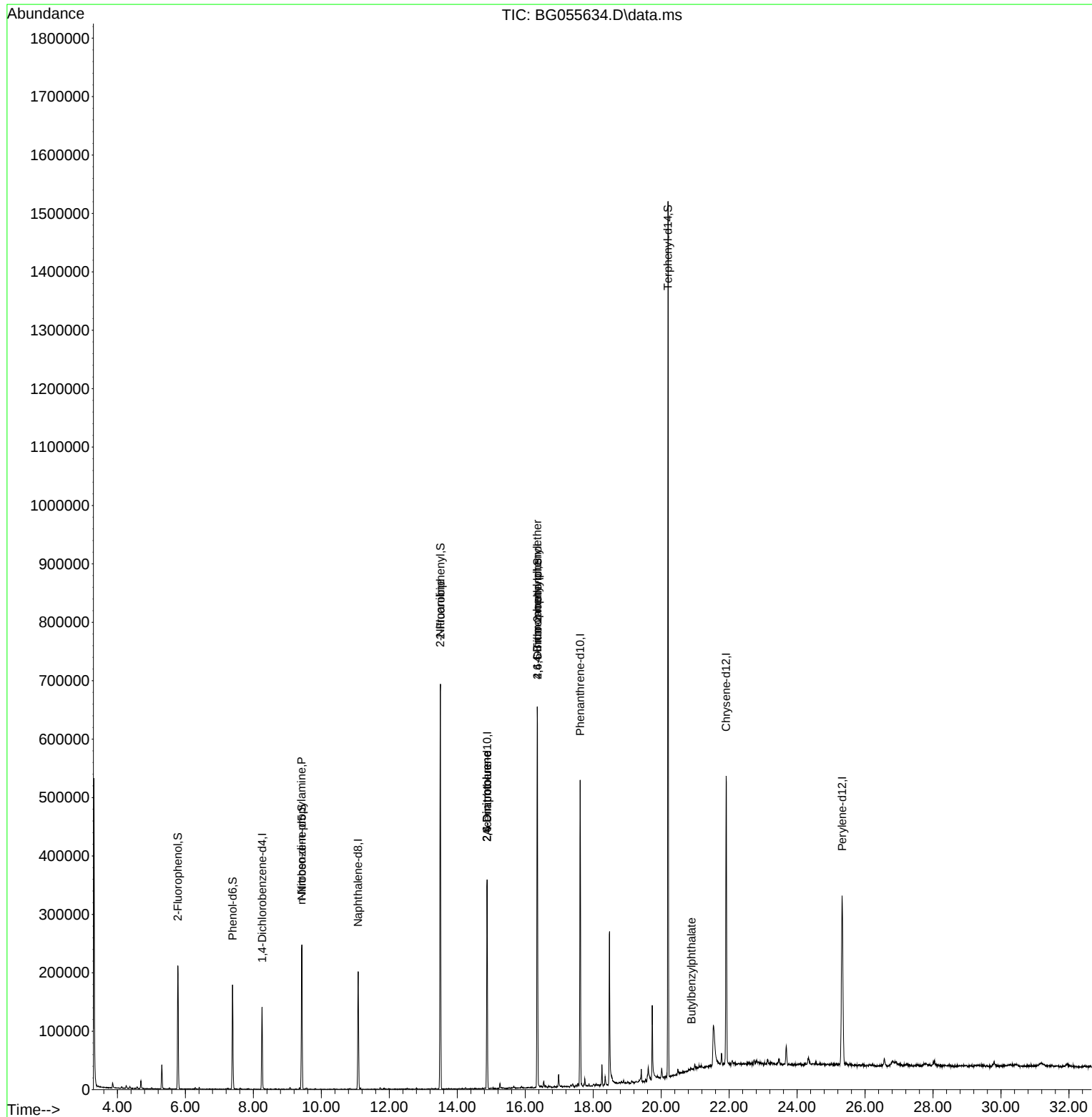
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	40781	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	171682	20.000	ng	0.00
39) Acenaphthene-d10	14.880	164	127624	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	329198	20.000	ng	0.00
76) Chrysene-d12	21.913	240	314401	20.000	ng	0.00
86) Perylene-d12	25.326	264	329122	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.779	112	92785	43.336	ng	0.00
7) Phenol-d6	7.389	99	100900	34.117	ng	0.00
23) Nitrobenzene-d5	9.427	82	145586	57.487	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	138268	111.038	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	367777	43.468	ng	0.00
79) Terphenyl-d14	20.203	244	732633	46.804	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.421	70	19480	7.970	ng	# 77
48) 2-Nitroaniline	13.499	65	549	4.059	ng	# 1
51) 2,6-Dinitrotoluene	14.874	165	16900	12.415	ng	# 22
57) 2,4-Dinitrotoluene	14.874	165	16900	10.562	ng	# 22
65) 4,6-Dinitro-2-methylph...	16.360	198	272	2.230	ng	# 1
67) 4-Bromophenyl-phenylether	16.355	248	8795	2.619	ng	# 1
80) Butylbenzylphthalate	20.890	149	864	3.464	ng	# 79

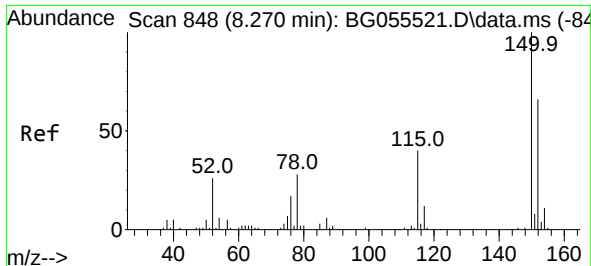
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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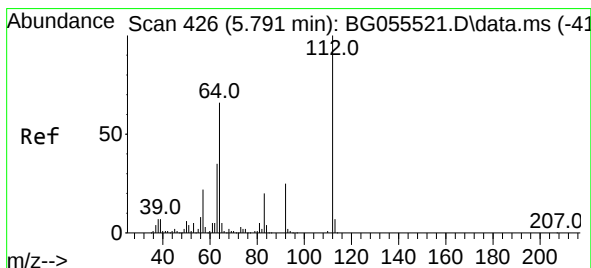
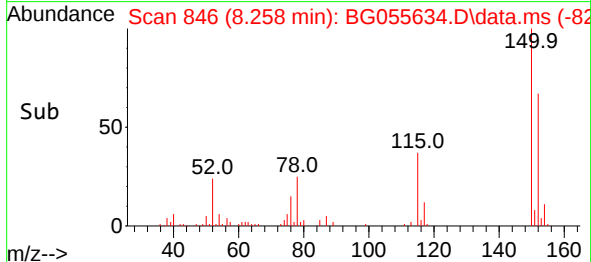
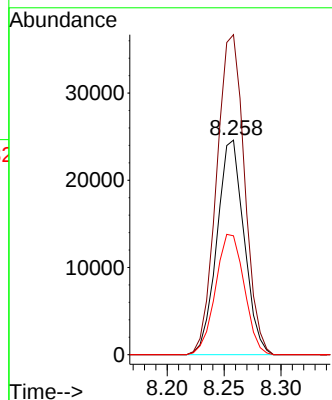
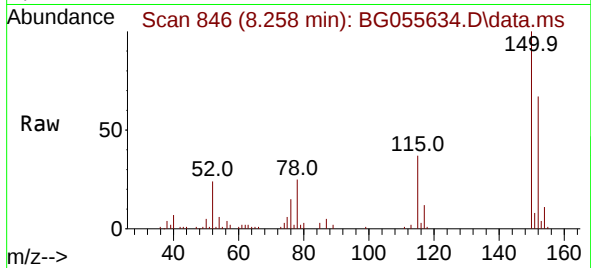




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 84
Delta R.T. -0.003 min
Lab File: BG055634.D
Acq: 15 Nov 2022 23:13

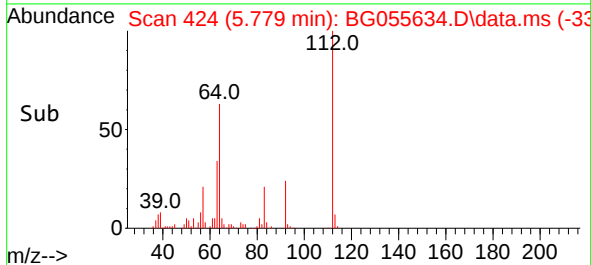
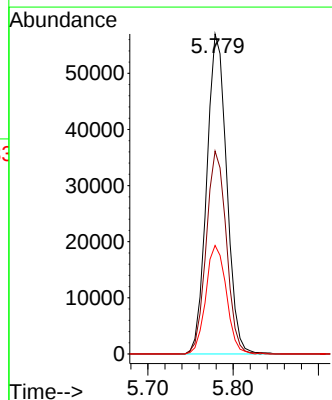
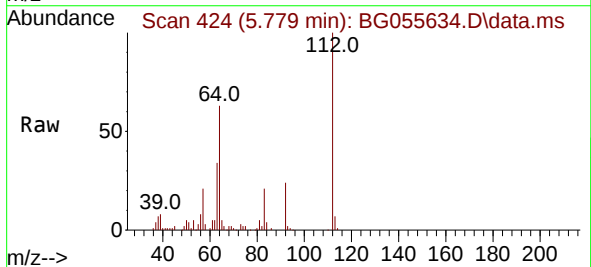
Instrument :
BNA_G
ClientSampleId :
20221170-COMP-05-MODIFIED-ELUTRIATE

Tgt Ion:152 Resp: 40781
Ion Ratio Lower Upper
152 100
150 149.2 121.0 181.4
115 55.5 47.8 71.8



#5
2-Fluorophenol
Concen: 43.336 ng
RT: 5.779 min Scan# 424
Delta R.T. -0.003 min
Lab File: BG055634.D
Acq: 15 Nov 2022 23:13

Tgt Ion:112 Resp: 92785
Ion Ratio Lower Upper
112 100
64 63.4 52.6 78.8
63 33.9 28.3 42.5

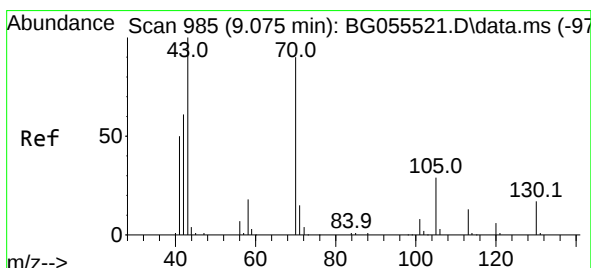
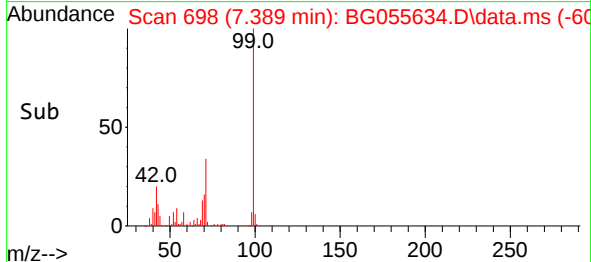
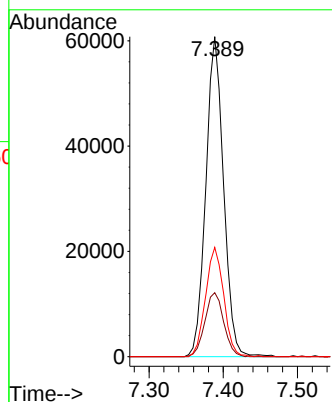
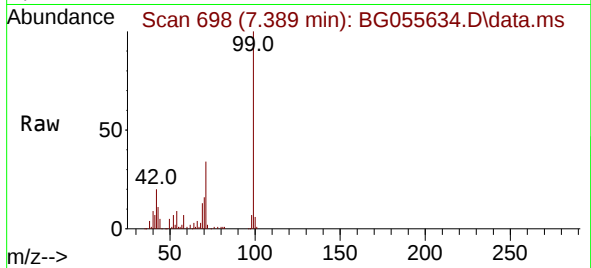




#7
Phenol-d6
Concen: 34.117 ng
RT: 7.389 min Scan# 61
Delta R.T. -0.008 min
Lab File: BG055634.D
Acq: 15 Nov 2022 23:13

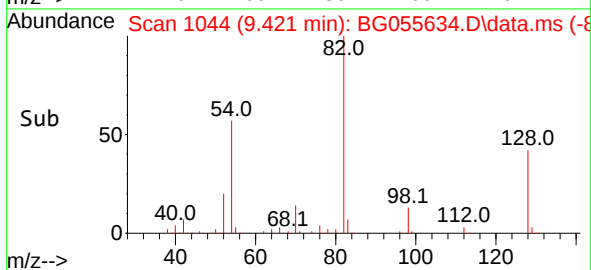
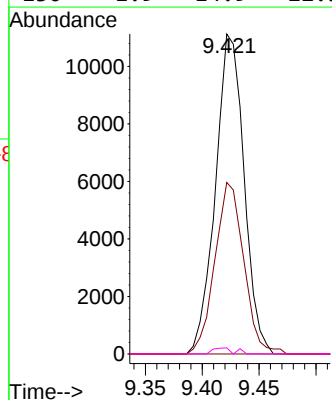
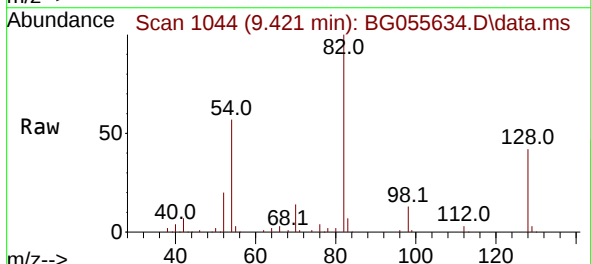
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BNA_G
ClientSampleId :
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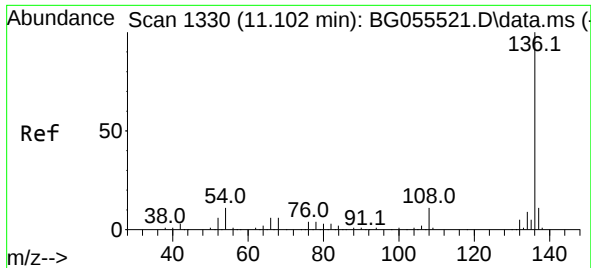
Tgt Ion: 99 Resp: 100900
Ion Ratio Lower Upper
99 100
42 20.0 17.5 26.3
71 34.2 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 7.970 ng
RT: 9.421 min Scan# 1044
Delta R.T. 0.356 min
Lab File: BG055634.D
Acq: 15 Nov 2022 23:13

Tgt Ion: 70 Resp: 19480
Ion Ratio Lower Upper
70 100
42 53.6 54.8 82.2#
101 0.0 6.8 10.2#
130 1.9 14.9 22.3#

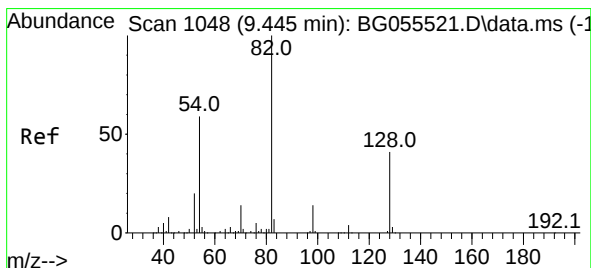
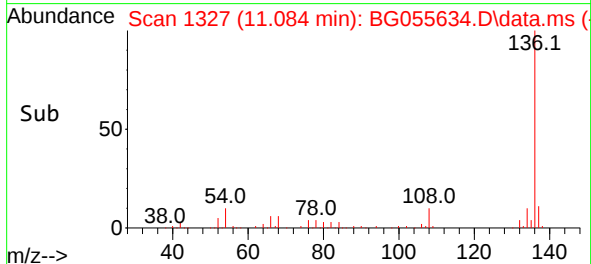
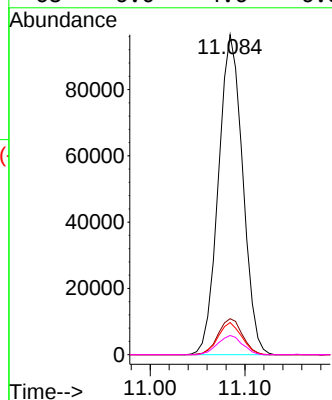
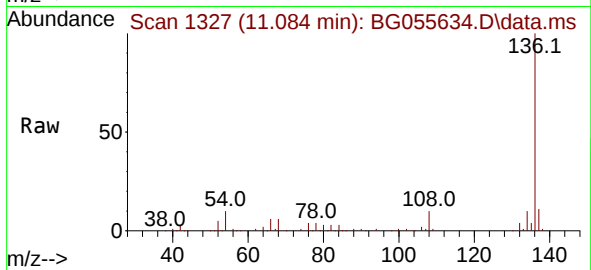




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 11
Delta R.T. -0.003 min
Lab File: BG055634.D
Acq: 15 Nov 2022 23:13

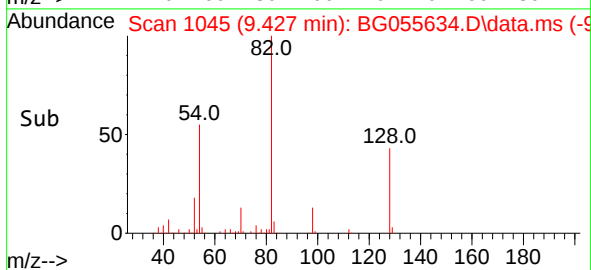
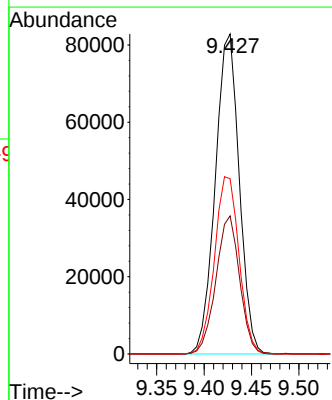
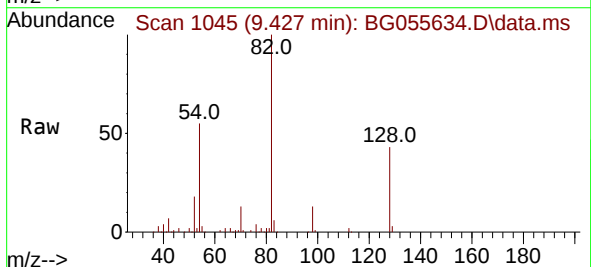
Instrument :
BNA_G
ClientSampleId :
20221170-COMP-05-MODIFIED-ELUTRIATE

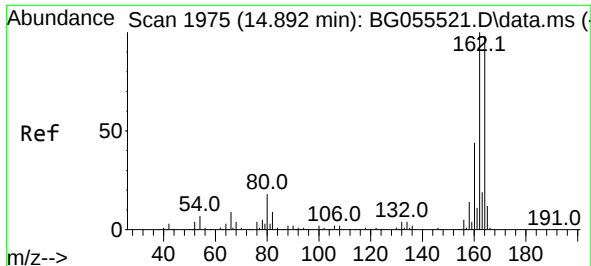
Tgt Ion:	136	Resp:	171682
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	12.8
54	10.1	8.6	12.8
68	6.0	4.6	6.8



#23
Nitrobenzene-d5
Concen: 57.487 ng
RT: 9.427 min Scan# 1045
Delta R.T. -0.003 min
Lab File: BG055634.D
Acq: 15 Nov 2022 23:13

Tgt Ion:	82	Resp:	145586
Ion	Ratio	Lower	Upper
82	100		
128	43.2	32.6	49.0
54	54.8	47.3	70.9

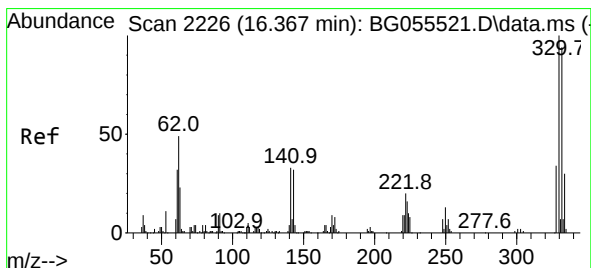
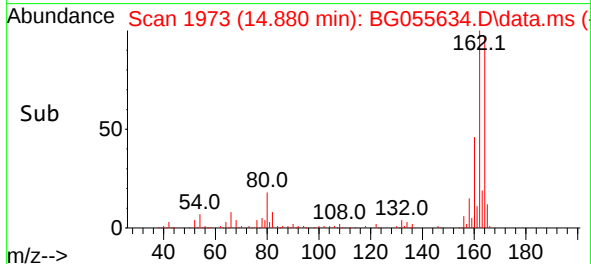
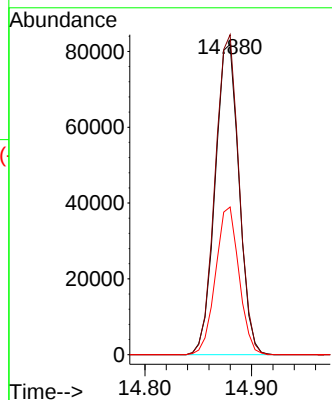
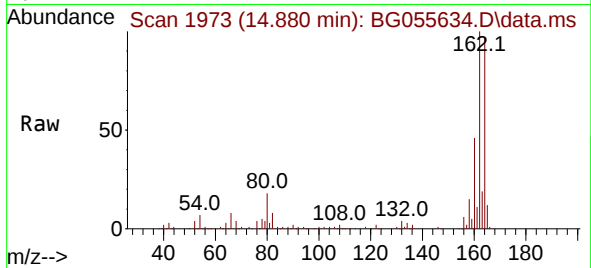




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1975
Delta R.T. -0.003 min
Lab File: BG055634.D
Acq: 15 Nov 2022 23:13

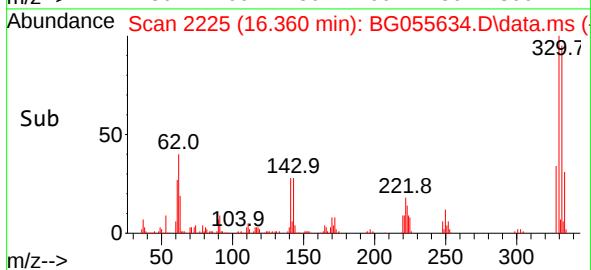
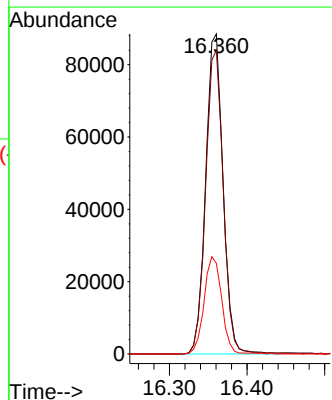
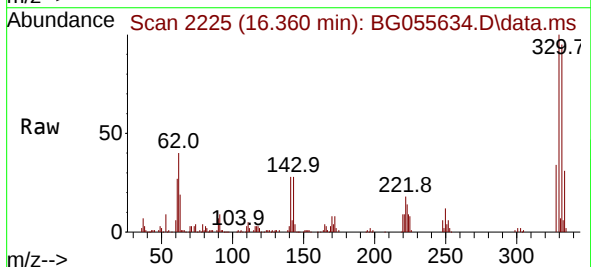
Instrument : BNA_G
ClientSampleId : 20221170-COMP-05-MODIFIED-ELUTRIATE

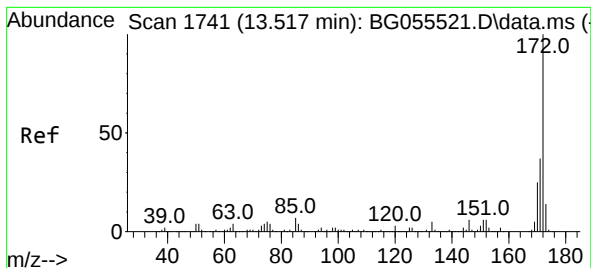
Tgt Ion:164 Resp: 127624
Ion Ratio Lower Upper
164 100
162 103.1 81.3 121.9
160 47.6 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 111.038 ng
RT: 16.360 min Scan# 2225
Delta R.T. -0.003 min
Lab File: BG055634.D
Acq: 15 Nov 2022 23:13

Tgt Ion:330 Resp: 138268
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 30.9 25.4 38.2

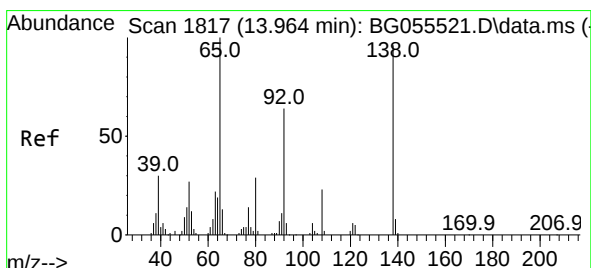
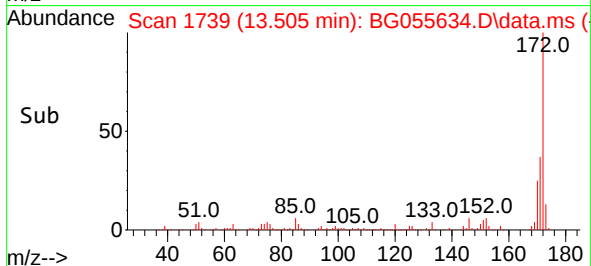
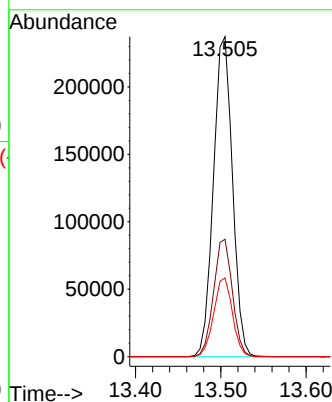
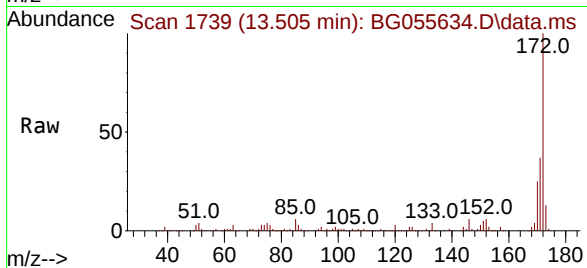




#45
2-Fluorobiphenyl
Concen: 43.468 ng
RT: 13.505 min Scan# 1739
Delta R.T. -0.003 min
Lab File: BG055634.D
Acq: 15 Nov 2022 23:13

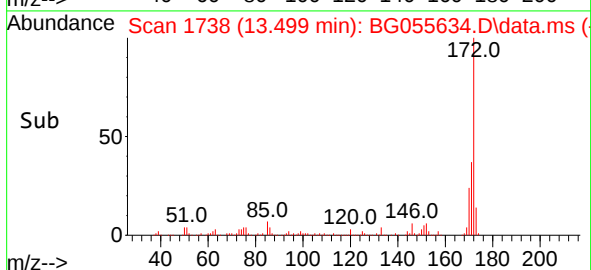
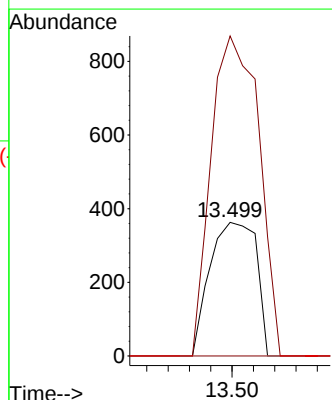
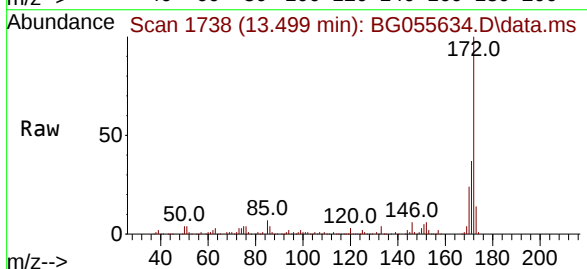
Instrument : BNA_G
ClientSampleId : 20221170-COMP-05-MODIFIED-ELUTRIATE

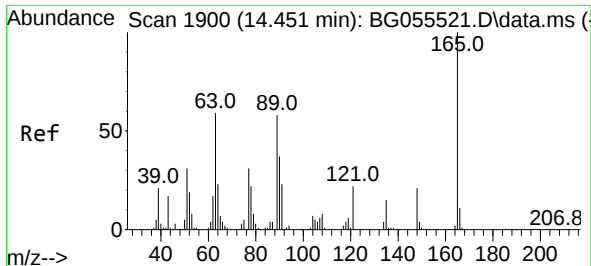
Tgt Ion:172 Resp: 367777
Ion Ratio Lower Upper
172 100
171 36.7 29.7 44.5
170 24.6 19.8 29.6



#48
2-Nitroaniline
Concen: 4.059 ng
RT: 13.499 min Scan# 1738
Delta R.T. -0.461 min
Lab File: BG055634.D
Acq: 15 Nov 2022 23:13

Tgt Ion: 65 Resp: 549
Ion Ratio Lower Upper
65 100
92 239.4 51.6 77.4#
138 0.0 77.0 115.4#

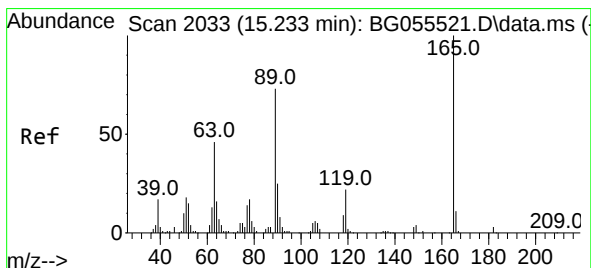
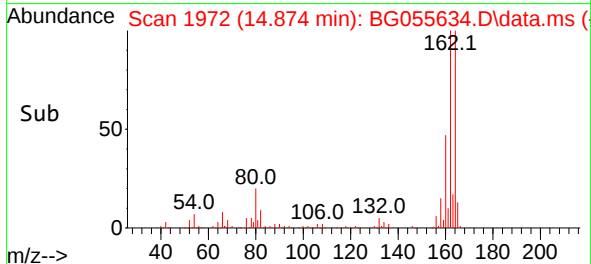
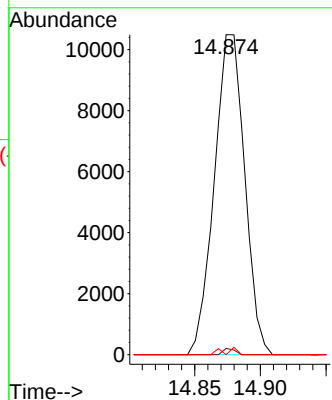
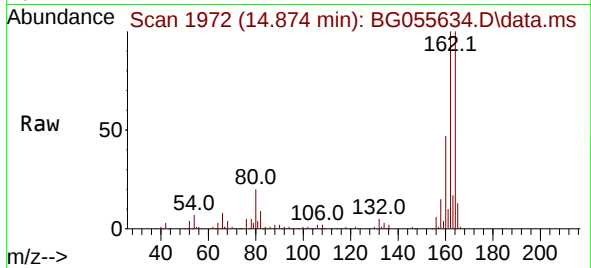




#51
2,6-Dinitrotoluene
Concen: 12.415 ng
RT: 14.874 min Scan# 1900
Delta R.T. 0.426 min
Lab File: BG055634.D
Acq: 15 Nov 2022 23:13

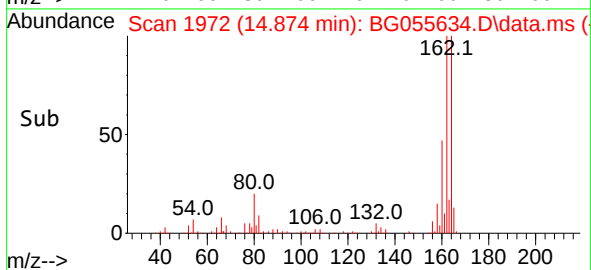
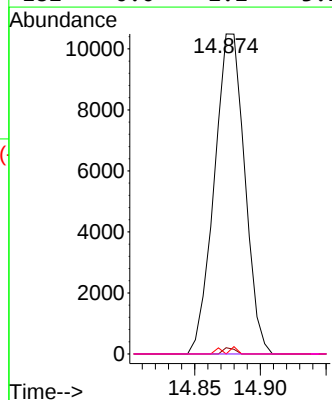
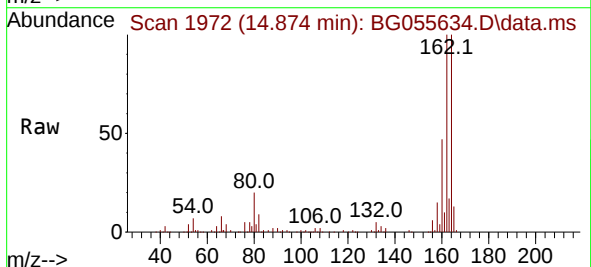
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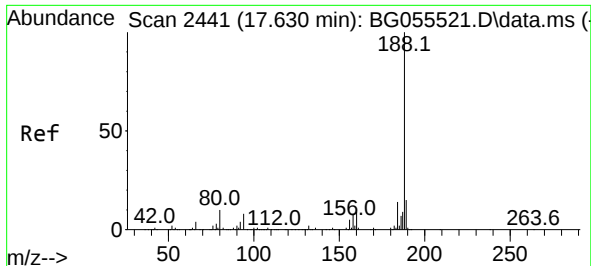
Tgt Ion:165 Resp: 16900
Ion Ratio Lower Upper
165 100
63 1.9 50.1 75.1#
89 0.0 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.562 ng
RT: 14.874 min Scan# 1972
Delta R.T. -0.355 min
Lab File: BG055634.D
Acq: 15 Nov 2022 23:13

Tgt Ion:165 Resp: 16900
Ion Ratio Lower Upper
165 100
63 1.9 37.0 55.4#
89 0.0 58.6 87.8#
182 0.0 2.2 3.2#

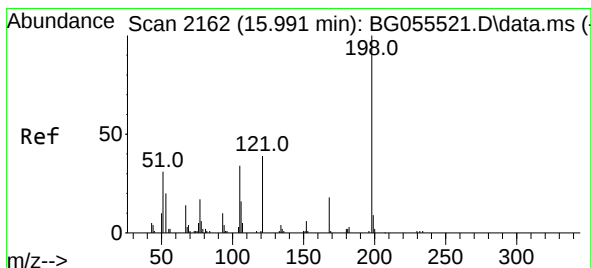
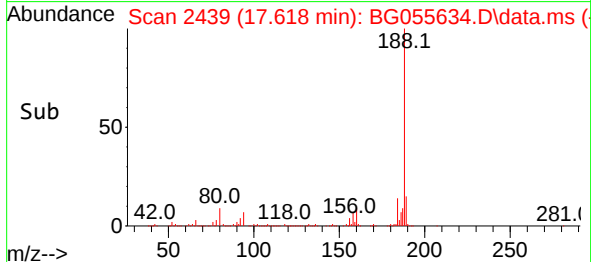
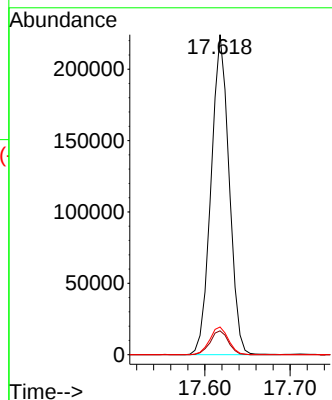
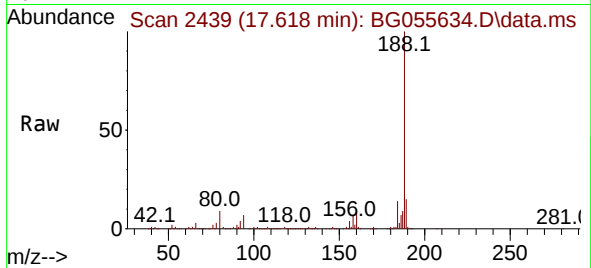




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2441
Delta R.T. -0.003 min
Lab File: BG055634.D
Acq: 15 Nov 2022 23:13

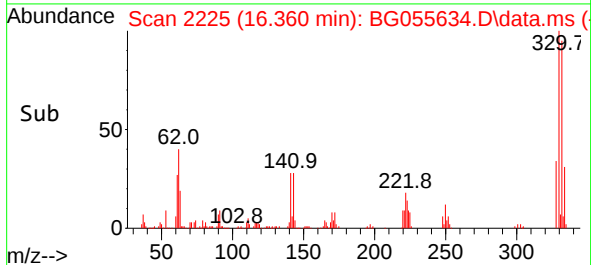
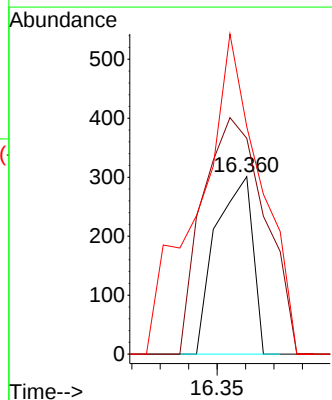
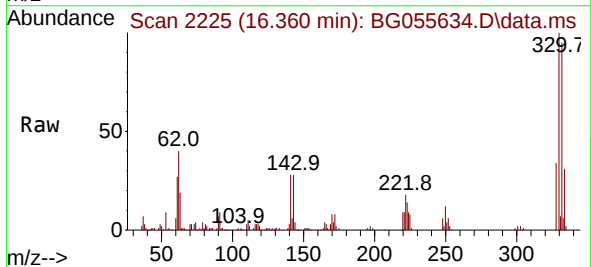
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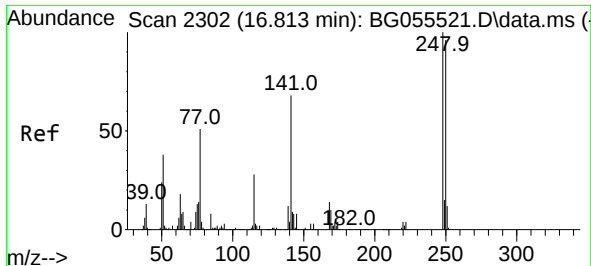
Tgt Ion:188 Resp: 329198
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.6 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.230 ng
RT: 16.360 min Scan# 2225
Delta R.T. 0.368 min
Lab File: BG055634.D
Acq: 15 Nov 2022 23:13

Tgt Ion:198 Resp: 272
Ion Ratio Lower Upper
198 100
51 121.6 24.7 64.7#
105 128.2 17.6 57.6#





#67

4-Bromophenyl-phenylether

Concen: 2.619 ng

RT: 16.355 min Scan# 21

Delta R.T. -0.449 min

Lab File: BG055634.D

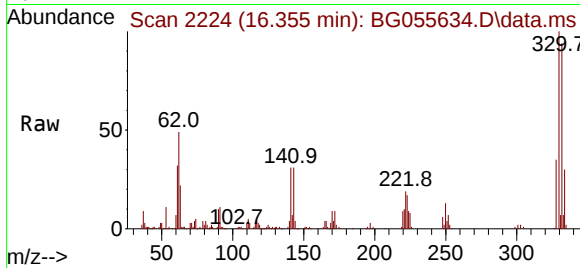
Acq: 15 Nov 2022 23:13

Instrument :

BNA_G

ClientSampleId :

20221170-COMP-05-MODIFIED-ELUTRIATE



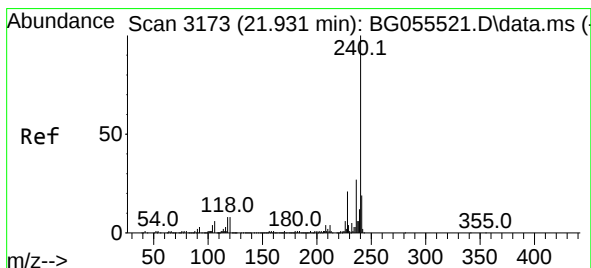
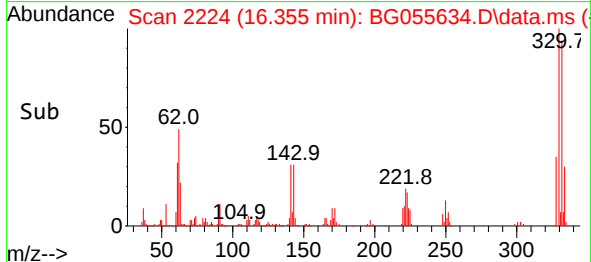
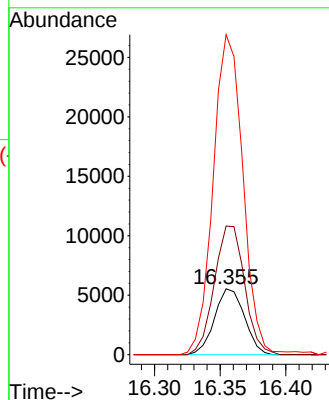
Tgt Ion:248 Resp: 8795

Ion Ratio Lower Upper

248 100

250 195.1 76.9 115.3#

141 485.4 54.3 81.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.913 min Scan# 3170

Delta R.T. -0.008 min

Lab File: BG055634.D

Acq: 15 Nov 2022 23:13

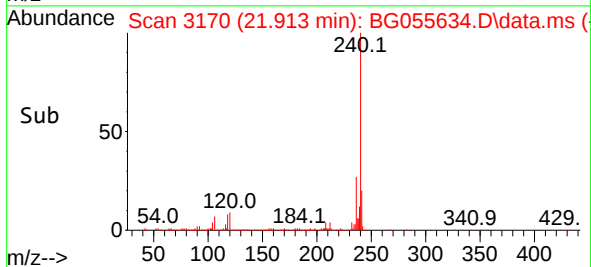
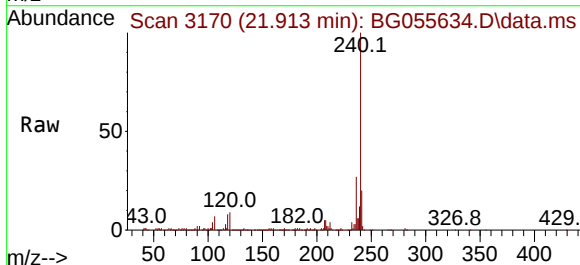
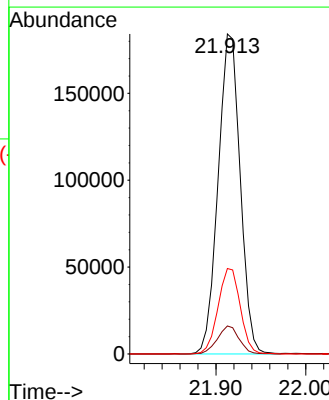
Tgt Ion:240 Resp: 314401

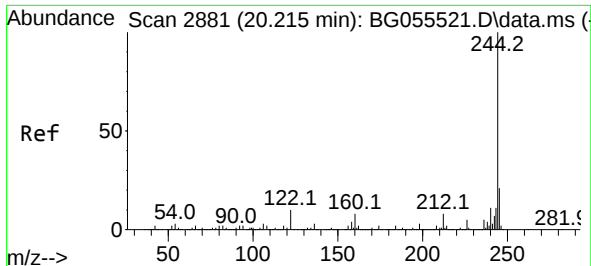
Ion Ratio Lower Upper

240 100

120 8.8 6.1 9.1

236 26.7 21.4 32.0

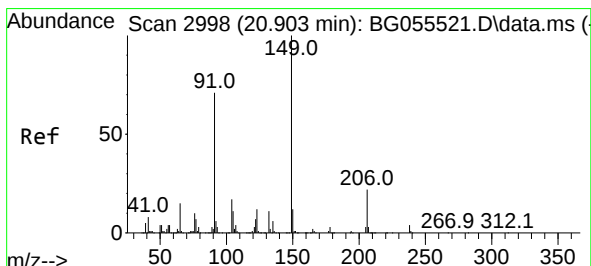
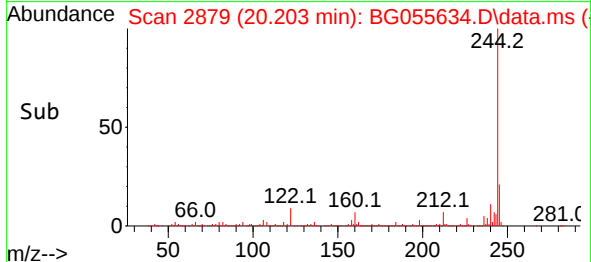
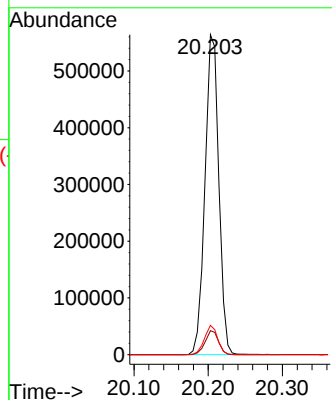
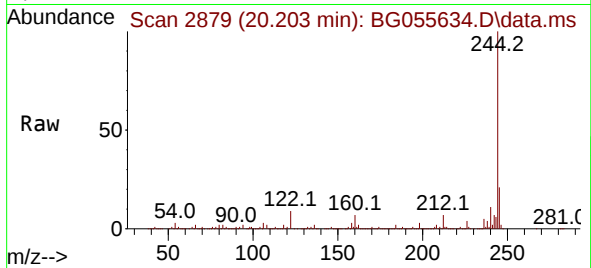




#79
 Terphenyl-d14
 Concen: 46.804 ng
 RT: 20.203 min Scan# 21
 Delta R.T. -0.008 min
 Lab File: BG055634.D
 Acq: 15 Nov 2022 23:13

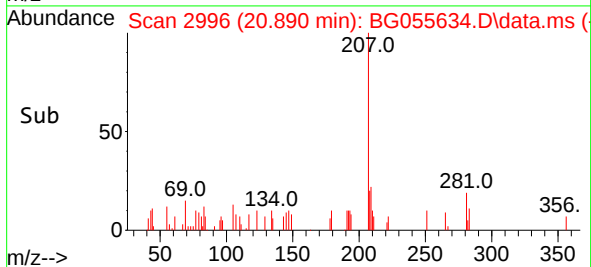
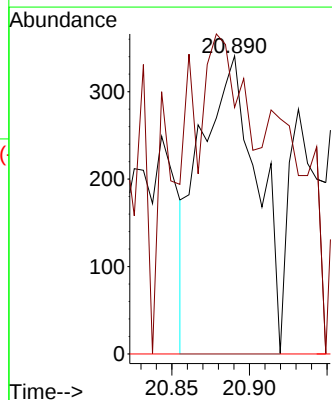
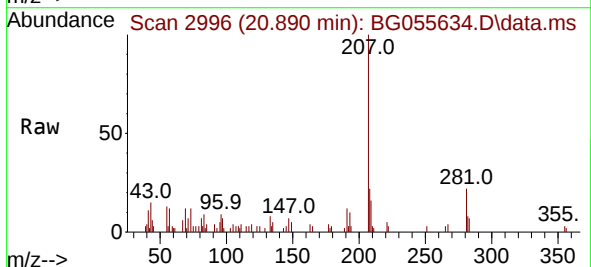
Instrument :
 BNA_G
 ClientSampleId :
 20221170-COMP-05-MODIFIED-ELUTRIATE

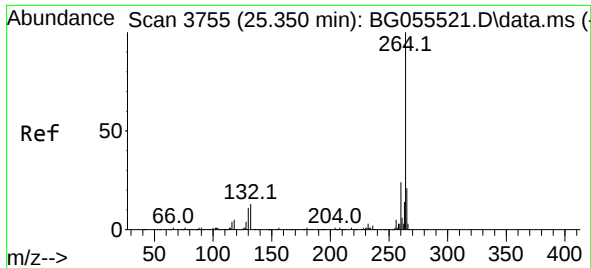
Tgt Ion:244 Resp: 732633
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 9.2 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.464 ng
 RT: 20.890 min Scan# 2996
 Delta R.T. -0.003 min
 Lab File: BG055634.D
 Acq: 15 Nov 2022 23:13

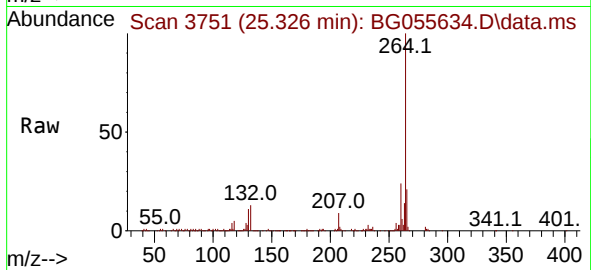
Tgt Ion:149 Resp: 864
 Ion Ratio Lower Upper
 149 100
 91 82.7 56.8 85.2
 206 0.0 17.3 25.9#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.326 min Scan# 31
 Delta R.T. -0.008 min
 Lab File: BG055634.D
 Acq: 15 Nov 2022 23:13

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



Tgt Ion:264	Resp:	329122
Ion	Ratio	Lower Upper
264	100	
260	23.9	19.4 29.2
265	21.2	17.1 25.7

