

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG022822\
 Data File : BG052508.D
 Acq On : 28 Feb 2022 19:22
 Operator : CG/JU
 Sample : N1654-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220091-BERKELEY-3-ELUTRIATE

Quant Time: Mar 01 01:00:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Feb 08 01:21:20 2022
 Response via : Initial Calibration

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

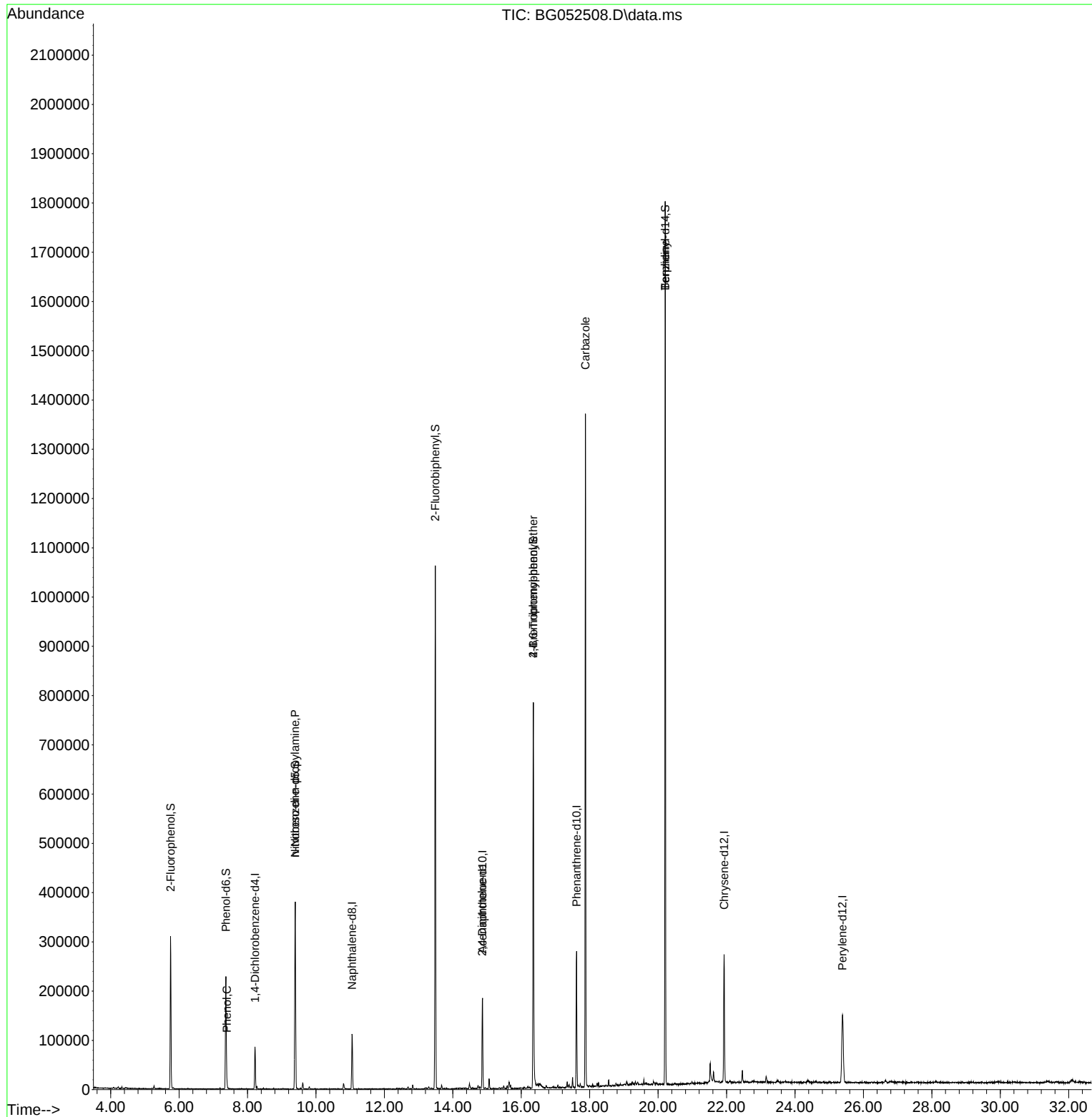
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.216	152	24671	20.000	ng	0.00
21) Naphthalene-d8	11.054	136	96864	20.000	ng	#-0.01
39) Acenaphthene-d10	14.866	164	69029	20.000	ng	0.00
64) Phenanthrene-d10	17.616	188	172251	20.000	ng	0.00
76) Chrysene-d12	21.927	240	178148	20.000	ng	#-0.01
86) Perylene-d12	25.387	264	175987	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.749	112	133262	94.142	ng	0.00
7) Phenol-d6	7.365	99	134559	61.608	ng	0.00
23) Nitrobenzene-d5	9.391	82	240546	107.929	ng	0.00
42) 2,4,6-Tribromophenol	16.353	330	172304	173.744	ng	0.00
45) 2-Fluorobiphenyl	13.486	172	558728	112.470	ng	0.00
79) Terphenyl-d14	20.206	244	896045	88.819	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.365	77	212	Below Cal	#	8
10) Phenol	7.394	94	7887	3.634	ng	87
19) n-Nitroso-di-n-propyla...	9.391	70	33142	20.128	ng	# 72
57) 2,4-Dinitrotoluene	14.860	165	9441	5.813	ng	# 15
67) 4-Bromophenyl-phenylether	16.353	248	10868	5.188	ng	# 1
73) Carbazole	17.874	167	25424	2.996	ng	# 59
77) Benzidine	20.206	184	13387	3.517	ng	# 82

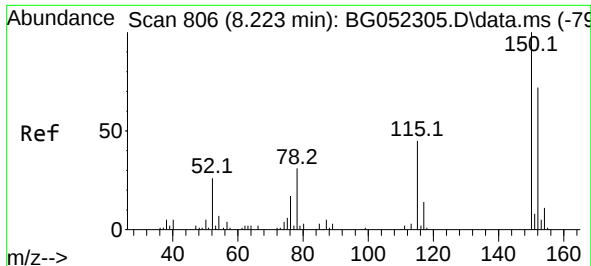
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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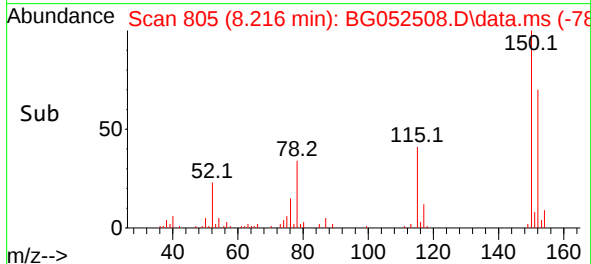
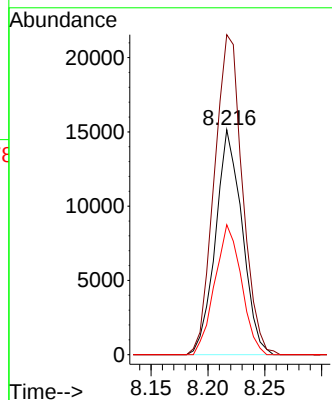
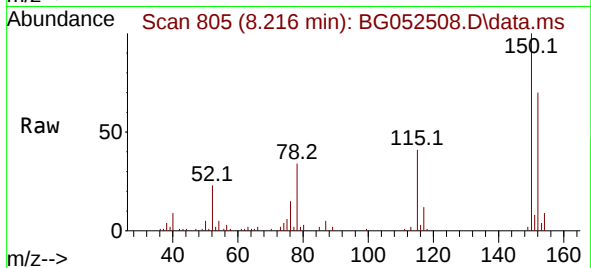




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.216 min Scan# 806
Delta R.T. -0.007 min
Lab File: BG052508.D
Acq: 28 Feb 2022 19:22

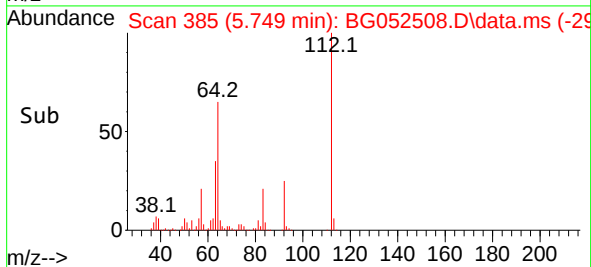
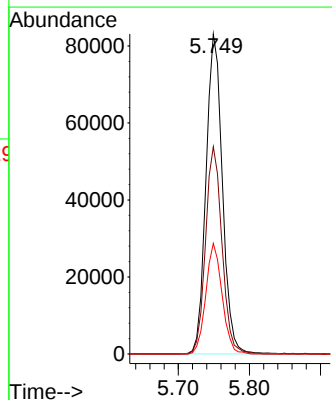
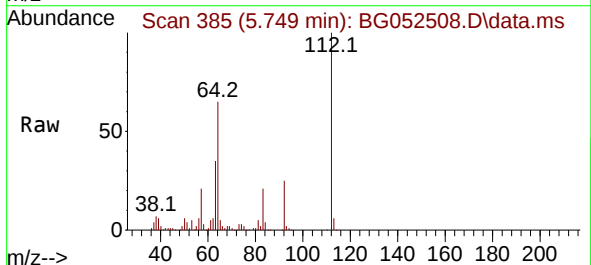
Instrument :
BNA_G
ClientSampleId :
20220091-BERKELEY-3-ELUTRIATE

Tgt Ion:152 Resp: 24671
Ion Ratio Lower Upper
152 100
150 142.3 117.8 176.8
115 57.7 50.2 75.2



#5
2-Fluorophenol
Concen: 94.142 ng
RT: 5.749 min Scan# 385
Delta R.T. -0.001 min
Lab File: BG052508.D
Acq: 28 Feb 2022 19:22

Tgt Ion:112 Resp: 133262
Ion Ratio Lower Upper
112 100
64 64.8 60.4 90.6
63 34.5 33.3 49.9

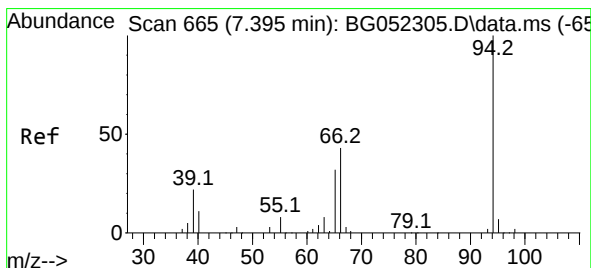
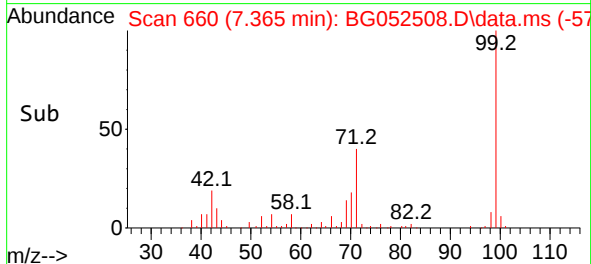
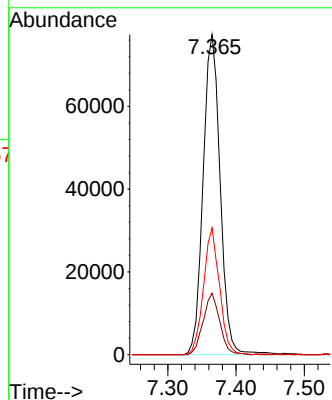
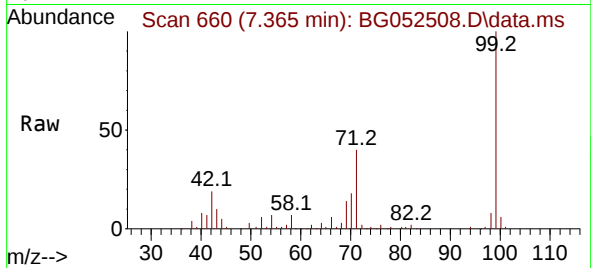




#7
Phenol-d6
Concen: 61.608 ng
RT: 7.365 min Scan# 661
Delta R.T. -0.007 min
Lab File: BG052508.D
Acq: 28 Feb 2022 19:22

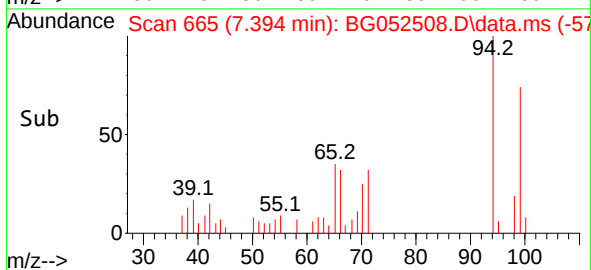
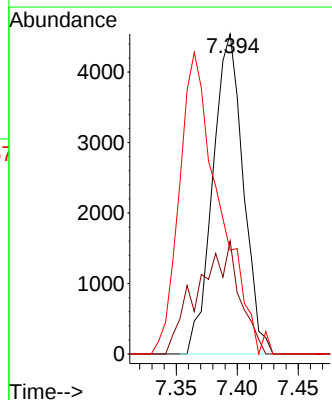
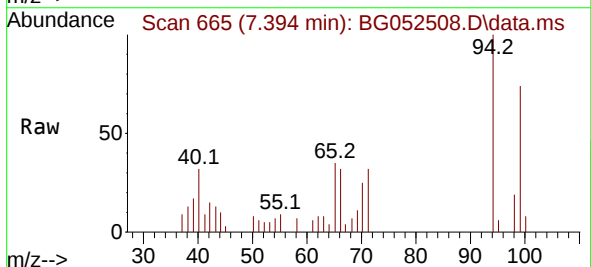
Instrument :
BNA_G
ClientSampleId :
20220091-BERKELEY-3-ELUTRIATE

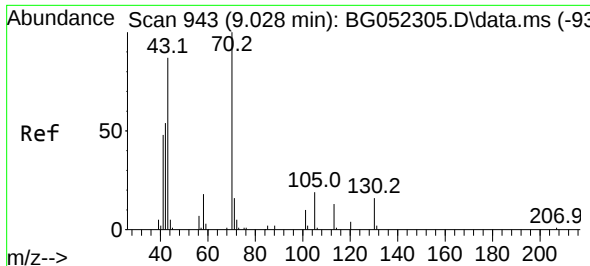
Tgt Ion: 99 Resp: 134559
Ion Ratio Lower Upper
99 100
42 19.2 19.1 28.7
71 39.6 33.4 50.2



#10
Phenol
Concen: 3.634 ng
RT: 7.394 min Scan# 665
Delta R.T. -0.001 min
Lab File: BG052508.D
Acq: 28 Feb 2022 19:22

Tgt Ion: 94 Resp: 7887
Ion Ratio Lower Upper
94 100
65 35.3 14.1 54.1
66 32.4 26.6 66.6

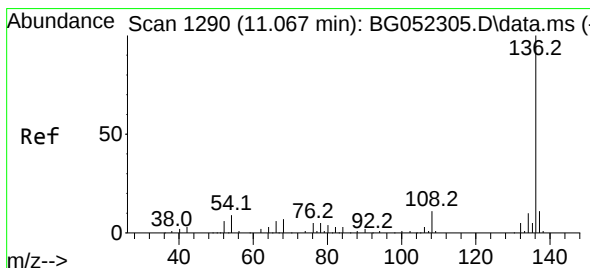
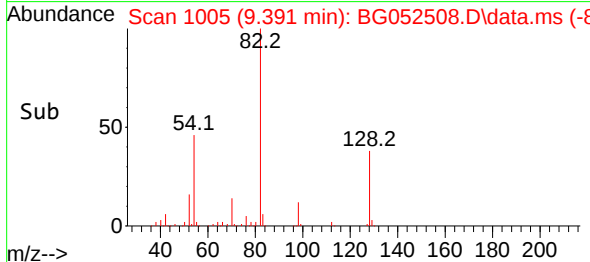
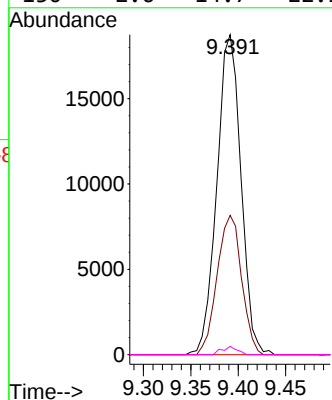
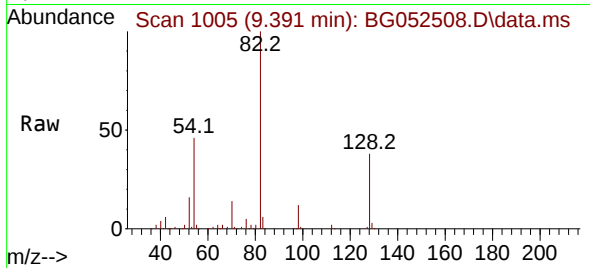




#19
n-Nitroso-di-n-propylamine
Concen: 20.128 ng
RT: 9.391 min Scan# 1005
Delta R.T. 0.363 min
Lab File: BG052508.D
Acq: 28 Feb 2022 19:22

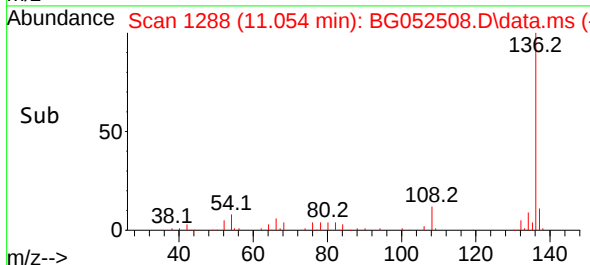
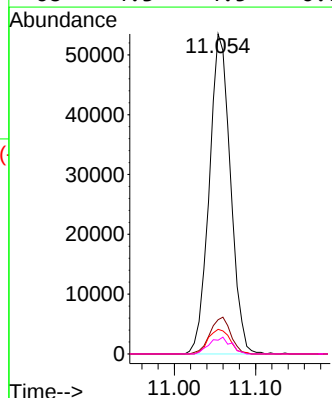
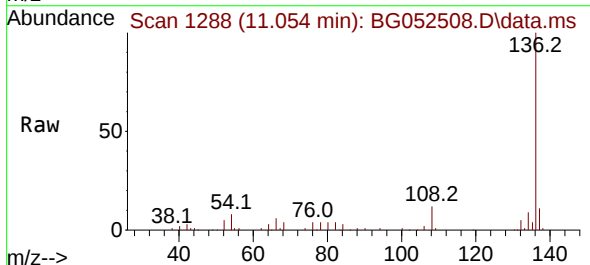
Instrument :
BNA_G
ClientSampleId :
20220091-BERKELEY-3-ELUTRIATE

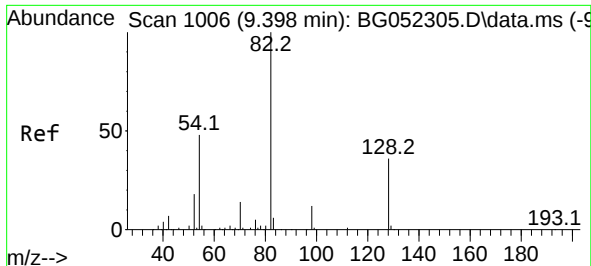
Tgt Ion: 70 Resp: 33142
Ion Ratio Lower Upper
70 100
42 43.6 51.8 77.6#
101 0.0 6.6 10.0#
130 2.6 14.7 22.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.054 min Scan# 1288
Delta R.T. -0.013 min
Lab File: BG052508.D
Acq: 28 Feb 2022 19:22

Tgt Ion: 136 Resp: 96864
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.7 8.3 12.5#
68 4.3 4.5 6.7#

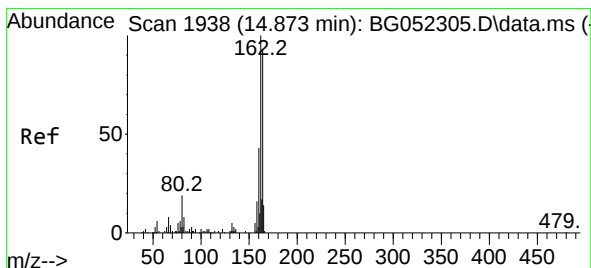
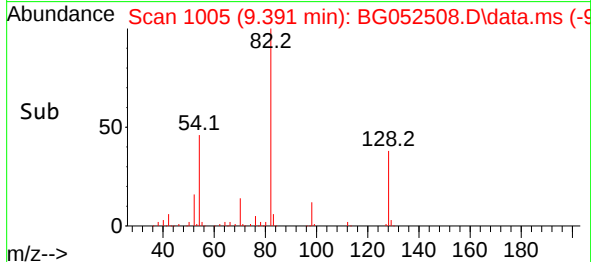
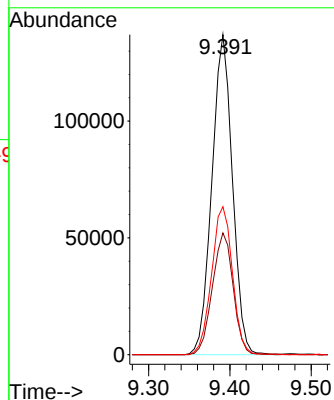
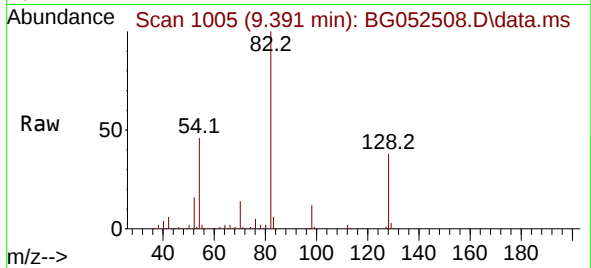




#23
Nitrobenzene-d5
Concen: 107.929 ng
RT: 9.391 min Scan# 1005
Delta R.T. -0.007 min
Lab File: BG052508.D
Acq: 28 Feb 2022 19:22

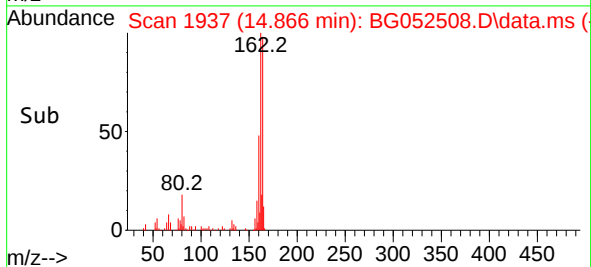
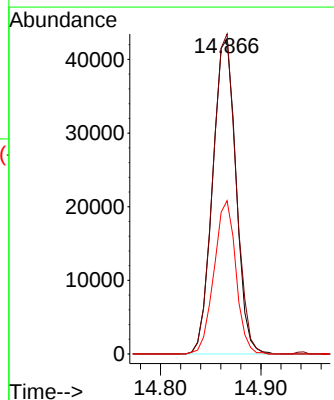
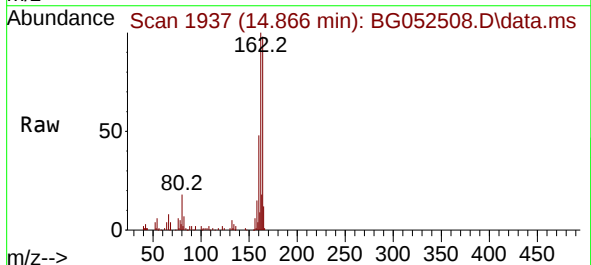
Instrument :
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ClientSampleId :
20220091-BERKELEY-3-ELUTRIATE

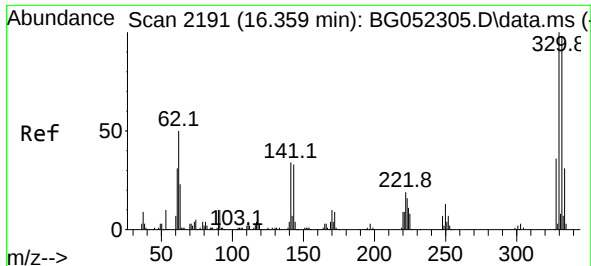
Tgt Ion: 82 Resp: 240546
Ion Ratio Lower Upper
82 100
128 38.1 27.0 40.4
54 46.3 41.0 61.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.866 min Scan# 1937
Delta R.T. -0.007 min
Lab File: BG052508.D
Acq: 28 Feb 2022 19:22

Tgt Ion:164 Resp: 69029
Ion Ratio Lower Upper
164 100
162 101.6 82.2 123.2
160 48.7 36.2 54.2





#42

2,4,6-Tribromophenol

Concen: 173.744 ng

RT: 16.353 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG052508.D

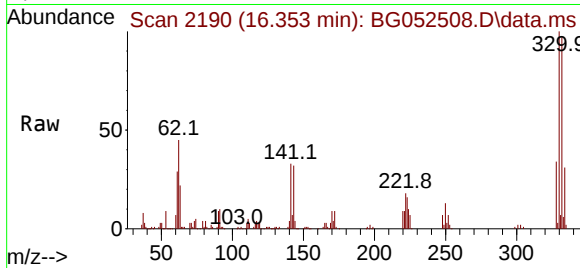
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BNA_G

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20220091-BERKELEY-3-ELUTRIATE



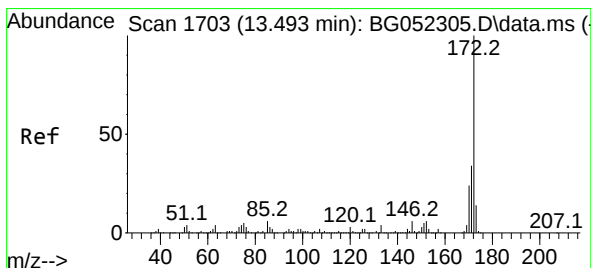
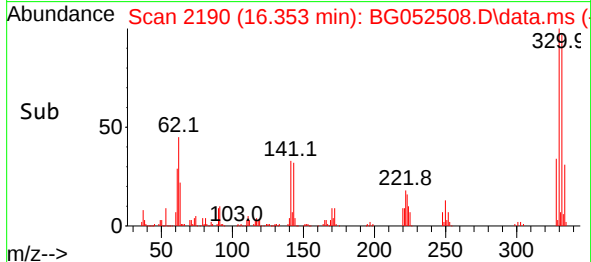
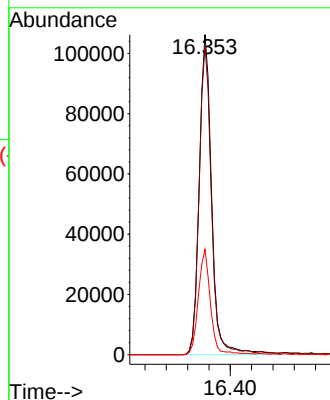
Tgt Ion:330 Resp: 172304

Ion Ratio Lower Upper

330 100

332 95.2 78.6 117.8

141 31.9 28.8 43.2



#45

2-Fluorobiphenyl

Concen: 112.470 ng

RT: 13.486 min Scan# 1702

Delta R.T. -0.007 min

Lab File: BG052508.D

Acq: 28 Feb 2022 19:22

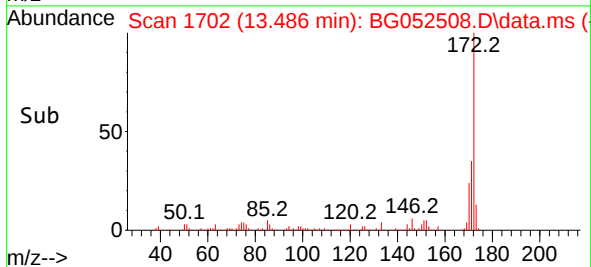
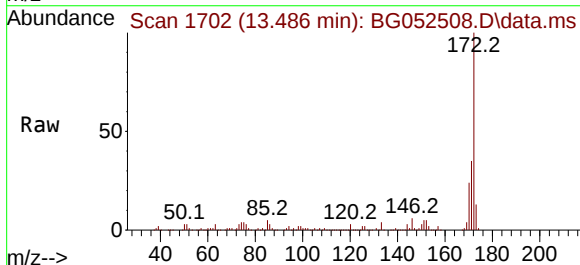
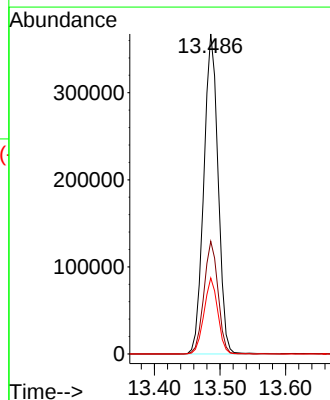
Tgt Ion:172 Resp: 558728

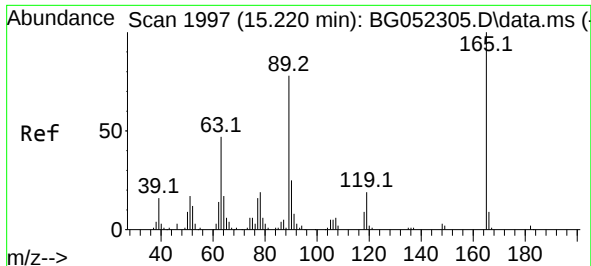
Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.7 18.3 27.5

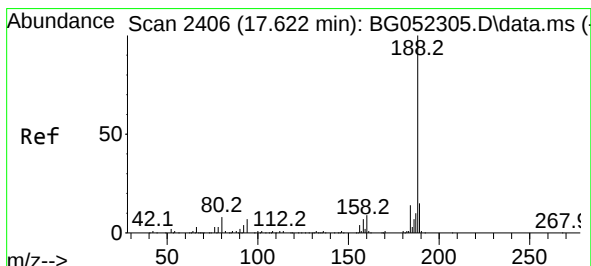
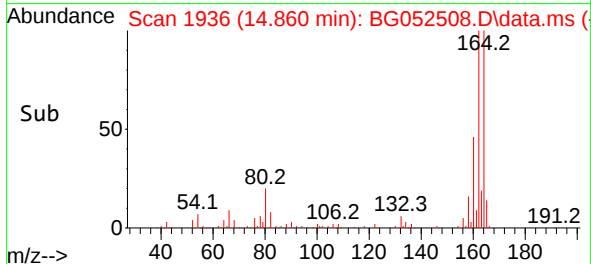
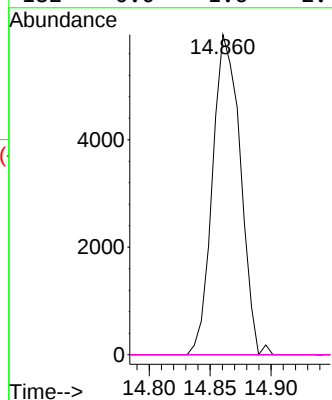
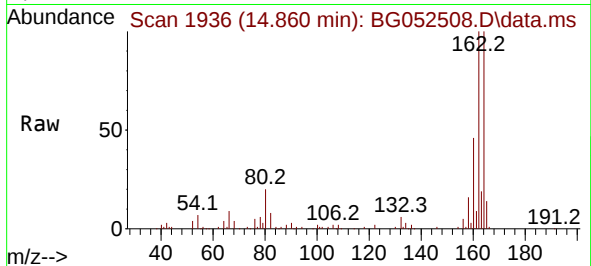




#57
2,4-Dinitrotoluene
Concen: 5.813 ng
RT: 14.860 min Scan# 1997
Delta R.T. -0.359 min
Lab File: BG052508.D
Acq: 28 Feb 2022 19:22

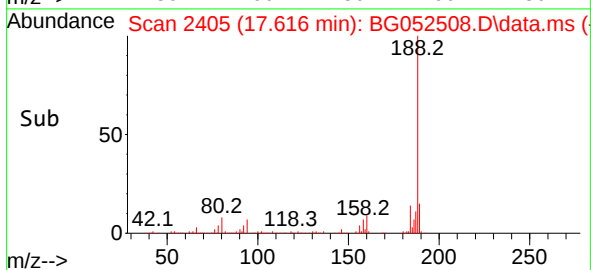
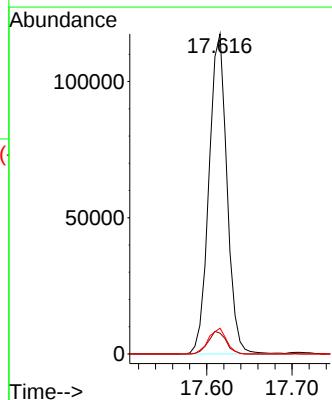
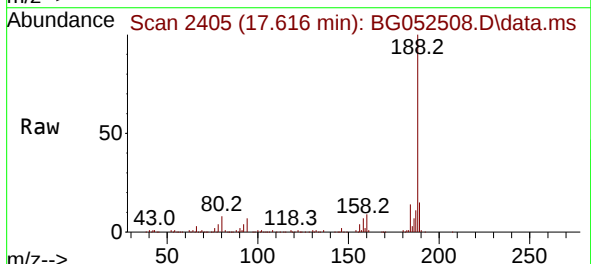
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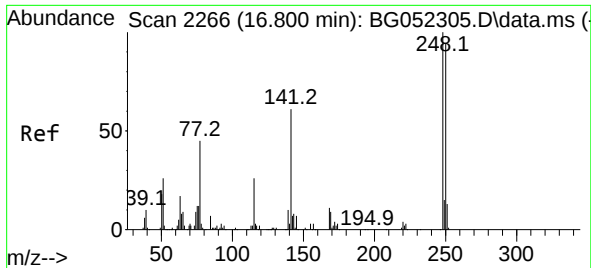
Tgt Ion:165 Resp: 9441
Ion Ratio Lower Upper
165 100
63 0.0 44.6 66.8#
89 0.0 67.4 101.0#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.616 min Scan# 2405
Delta R.T. -0.007 min
Lab File: BG052508.D
Acq: 28 Feb 2022 19:22

Tgt Ion:188 Resp: 172251
Ion Ratio Lower Upper
188 100
94 6.5 5.9 8.9
80 8.0 6.6 10.0

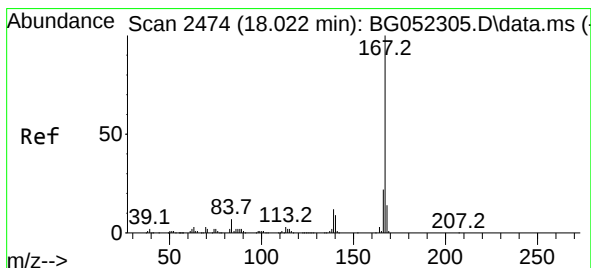
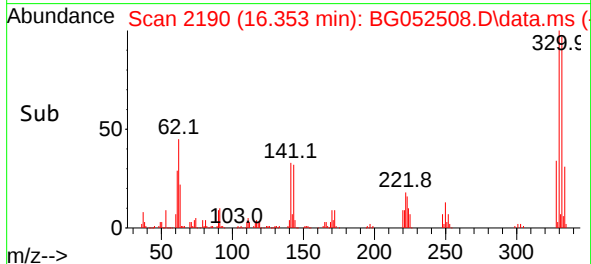
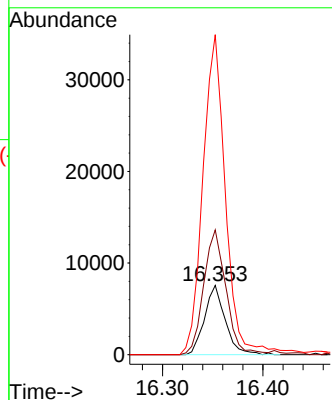
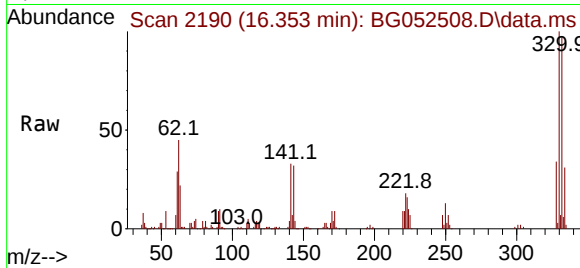




#67
4-Bromophenyl-phenylether
Concen: 5.188 ng
RT: 16.353 min Scan# 2190
Delta R.T. -0.447 min
Lab File: BG052508.D
Acq: 28 Feb 2022 19:22

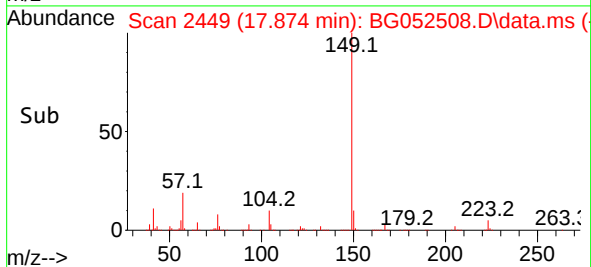
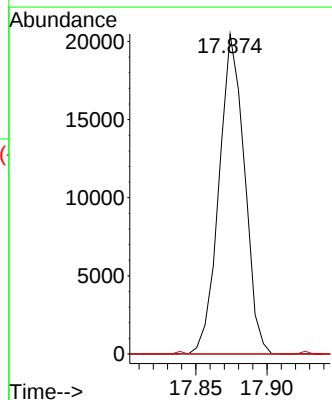
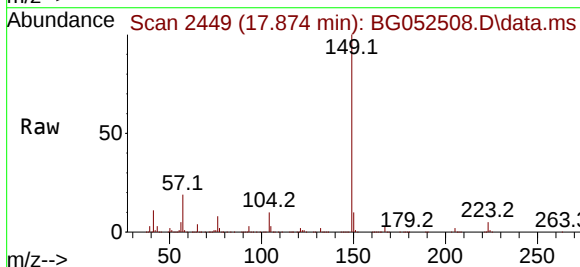
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BNA_G
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20220091-BERKELEY-3-ELUTRIATE

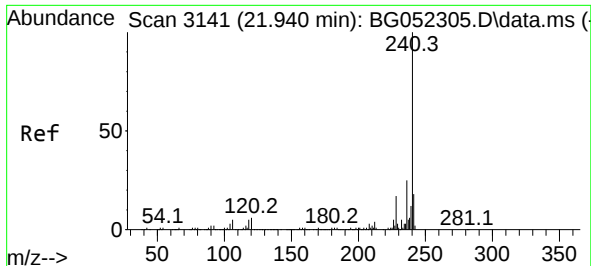
Tgt Ion:248 Resp: 10868
Ion Ratio Lower Upper
248 100
250 180.3 79.6 119.4#
141 462.3 54.6 81.8#



#73
Carbazole
Concen: 2.996 ng
RT: 17.874 min Scan# 2449
Delta R.T. -0.148 min
Lab File: BG052508.D
Acq: 28 Feb 2022 19:22

Tgt Ion:167 Resp: 25424
Ion Ratio Lower Upper
167 100
166 0.0 17.8 26.6#
139 0.0 10.6 16.0#

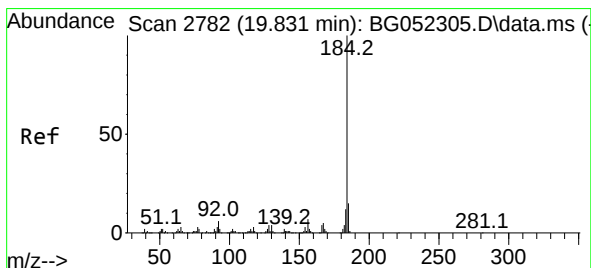
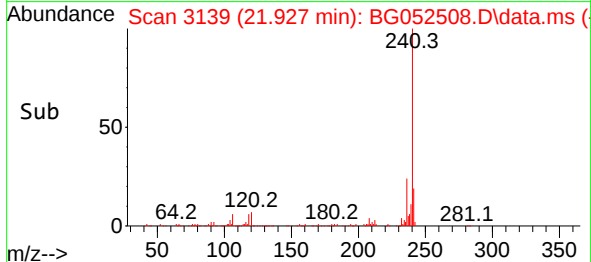
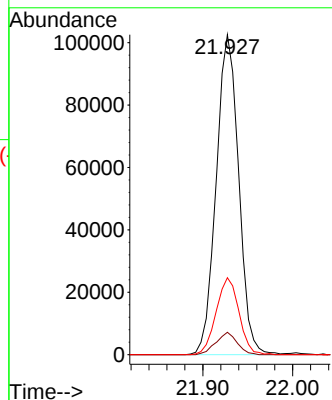
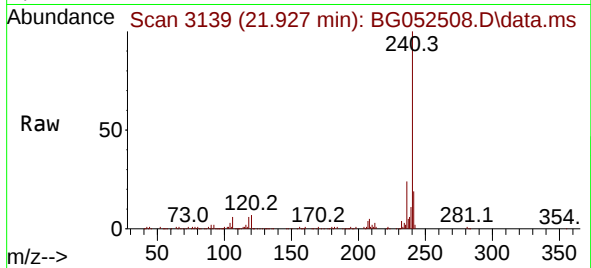




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.927 min Scan# 31
Delta R.T. -0.013 min
Lab File: BG052508.D
Acq: 28 Feb 2022 19:22

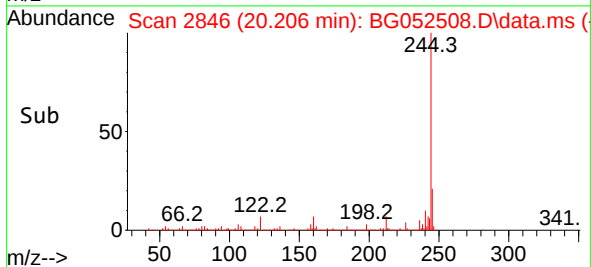
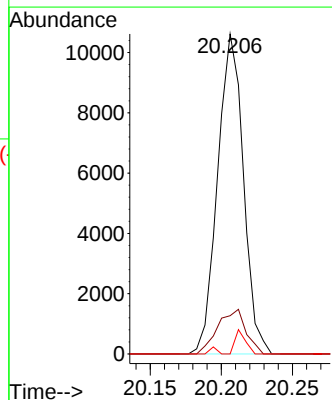
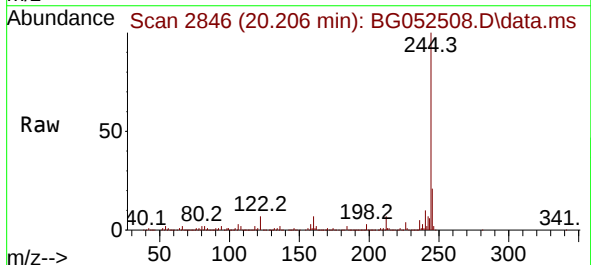
Instrument :
BNA_G
ClientSampleId :
20220091-BERKELEY-3-ELUTRIATE

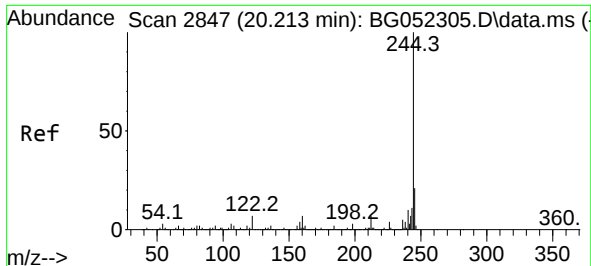
Tgt Ion:240 Resp: 178148
Ion Ratio Lower Upper
240 100
120 7.0 4.4 6.6#
236 24.1 20.8 31.2



#77
Benzidine
Concen: 3.517 ng
RT: 20.206 min Scan# 2846
Delta R.T. 0.375 min
Lab File: BG052508.D
Acq: 28 Feb 2022 19:22

Tgt Ion:184 Resp: 13387
Ion Ratio Lower Upper
184 100
185 12.0 11.8 17.8
183 0.0 9.8 14.6#

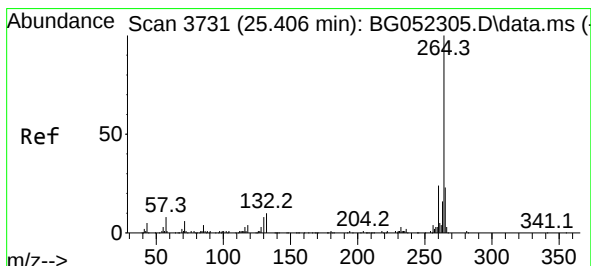
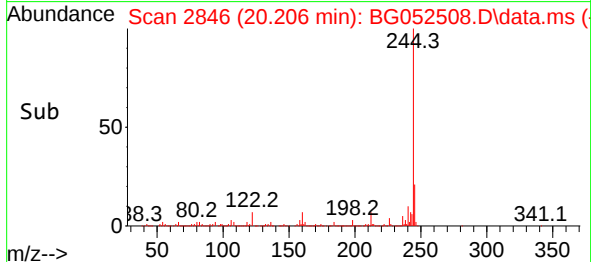
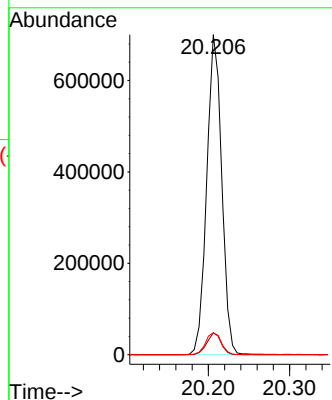
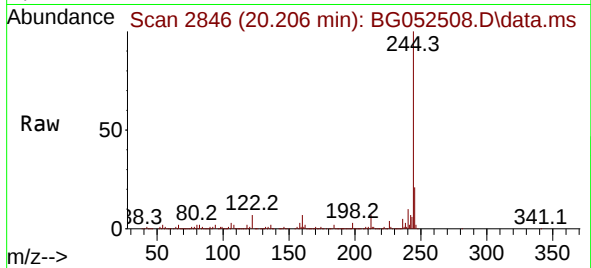




#79
 Terphenyl-d14
 Concen: 88.819 ng
 RT: 20.206 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG052508.D
 Acq: 28 Feb 2022 19:22

Instrument :
 BNA_G
 ClientSampleId :
 20220091-BERKELEY-3-ELUTRIATE

Tgt Ion:244 Resp: 896045
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 6.8 6.2 9.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.387 min Scan# 3728
 Delta R.T. -0.019 min
 Lab File: BG052508.D
 Acq: 28 Feb 2022 19:22

Tgt Ion:264 Resp: 175987
 Ion Ratio Lower Upper
 264 100
 260 21.7 18.5 27.7
 265 22.1 17.8 26.6

