

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100821\
 Data File : BG050514.D
 Acq On : 8 Oct 2021 18:13
 Operator : CG/JU
 Sample : PB139654BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139654BL

Quant Time: Oct 09 01:26:43 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 06 15:51:01 2021
 Response via : Initial Calibration

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

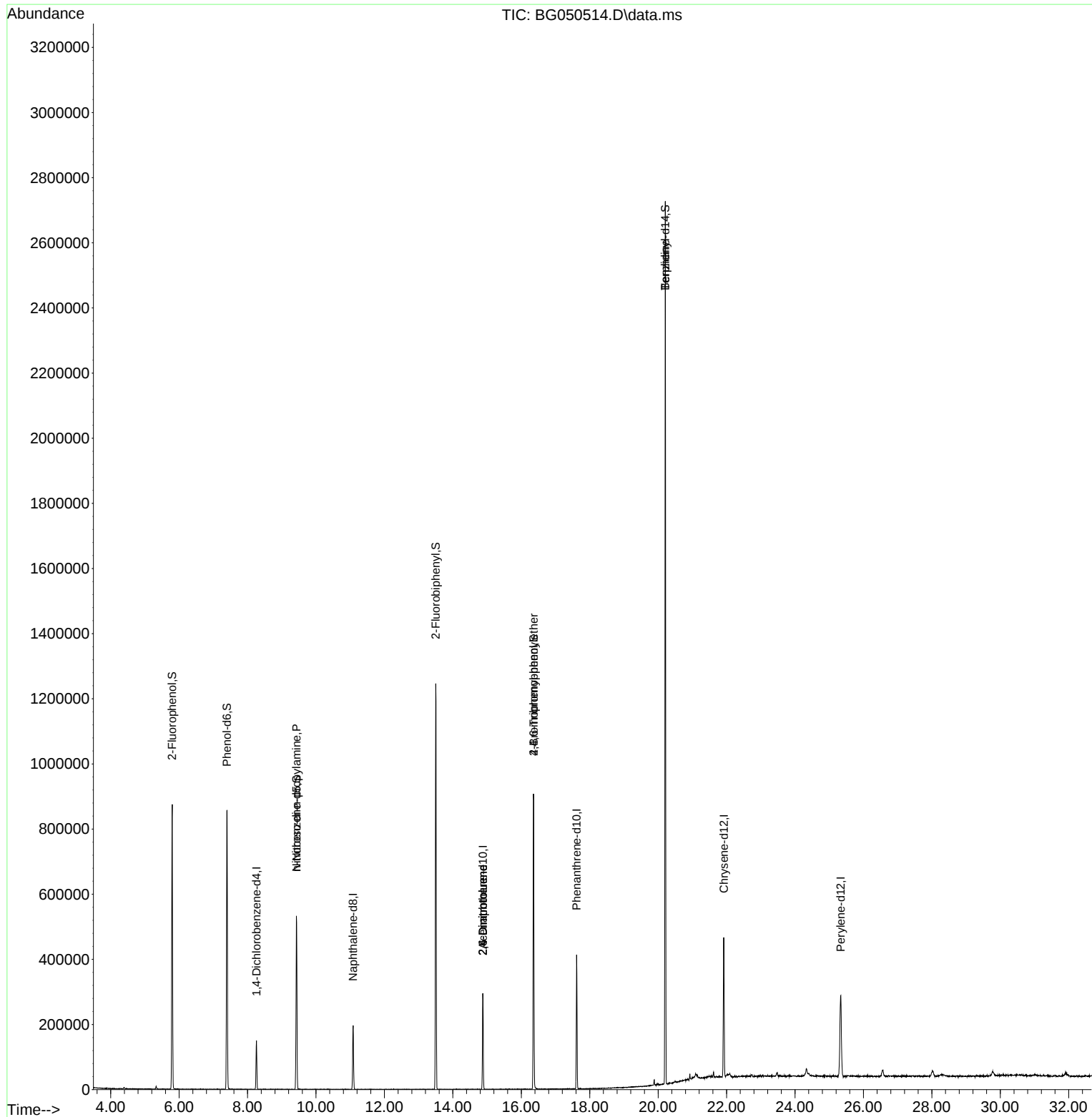
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	38469	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	158178	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	101972	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	243091	20.000	ng	# 0.00
76) Chrysene-d12	21.920	240	261897	20.000	ng	# 0.00
86) Perylene-d12	25.334	264	250930	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	358953	139.548	ng	0.00
7) Phenol-d6	7.396	99	479616	128.785	ng	0.00
23) Nitrobenzene-d5	9.429	82	341143	89.278	ng	0.00
42) 2,4,6-Tribromophenol	16.362	330	134347	138.127	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	618873	91.341	ng	0.00
79) Terphenyl-d14	20.210	244	1158427	86.201	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.396	77	1276	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.429	70	48432	17.842	ng	# 72
51) 2,6-Dinitrotoluene	14.881	165	13837	8.963	ng	# 11
57) 2,4-Dinitrotoluene	14.881	165	13837	6.359	ng	# 16
67) 4-Bromophenyl-phenylether	16.362	248	10979	4.482	ng	# 1
77) Benzidine	20.210	184	23864	2.811	ng	# 89

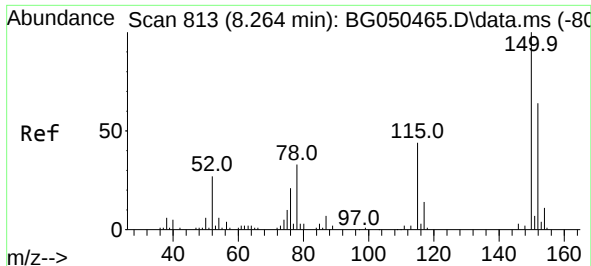
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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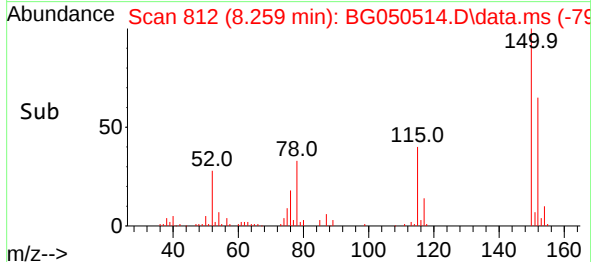
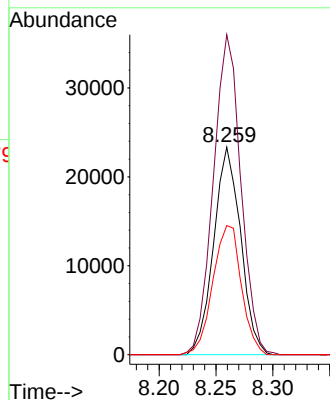
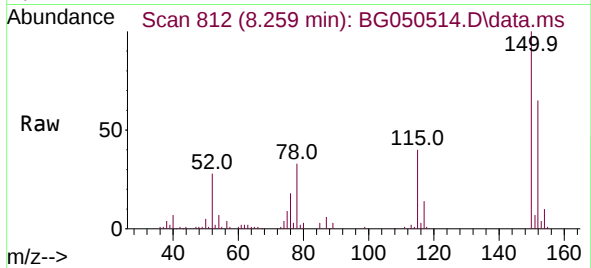




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050514.D
Acq: 8 Oct 2021 18:13

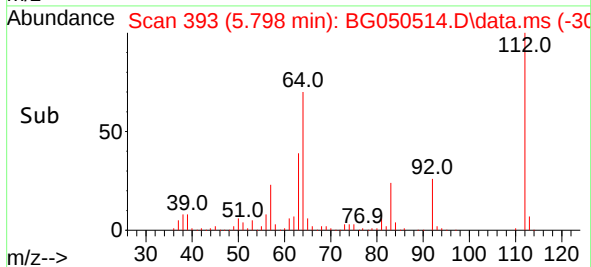
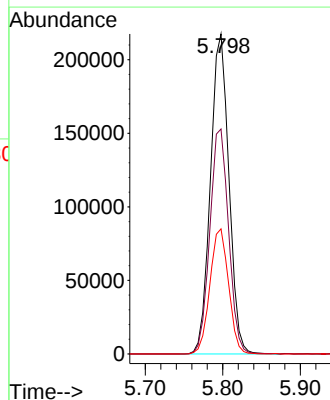
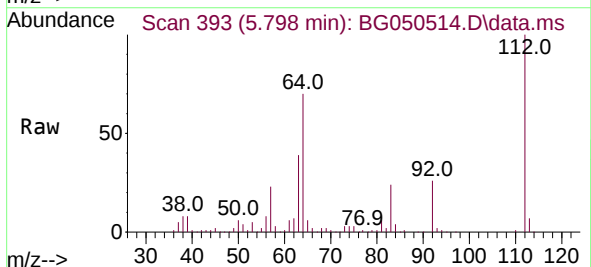
Instrument :
BNA_G
ClientSampleId :
PB139654BL

Tgt Ion:152 Resp: 38469
Ion Ratio Lower Upper
152 100
150 154.2 119.4 179.0
115 62.2 60.2 90.4



#5
2-Fluorophenol
Concen: 139.548 ng
RT: 5.798 min Scan# 393
Delta R.T. 0.008 min
Lab File: BG050514.D
Acq: 8 Oct 2021 18:13

Tgt Ion:112 Resp: 358953
Ion Ratio Lower Upper
112 100
64 70.3 46.7 70.1#
63 39.1 35.3 52.9

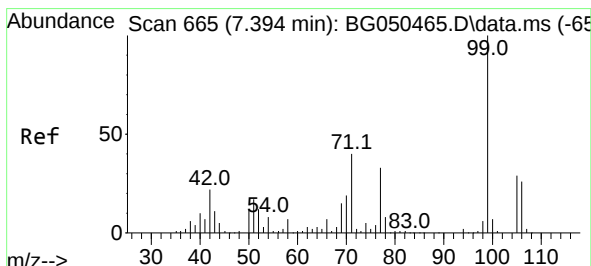
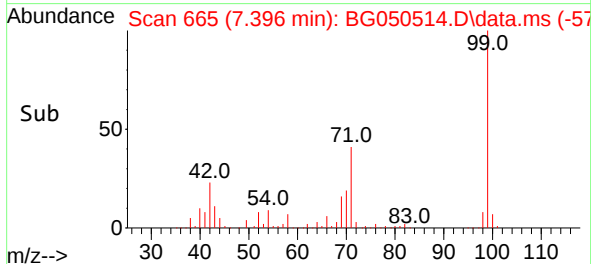
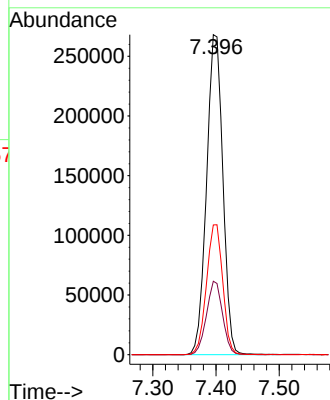
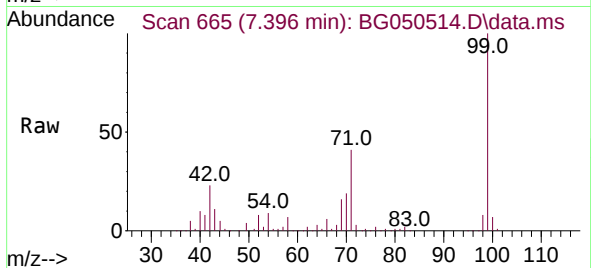




#7
Phenol-d6
Concen: 128.785 ng
RT: 7.396 min Scan# 665
Delta R.T. 0.002 min
Lab File: BG050514.D
Acq: 8 Oct 2021 18:13

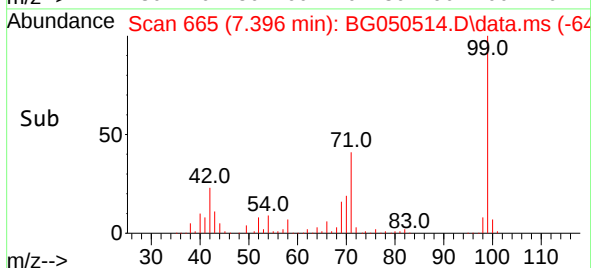
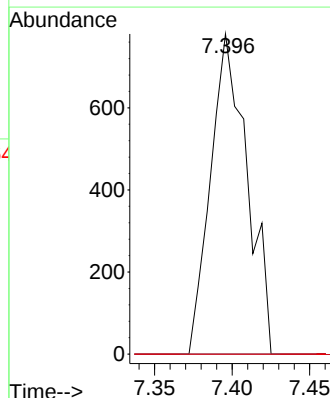
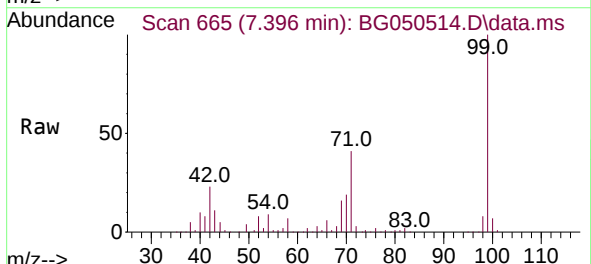
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ClientSampleId :
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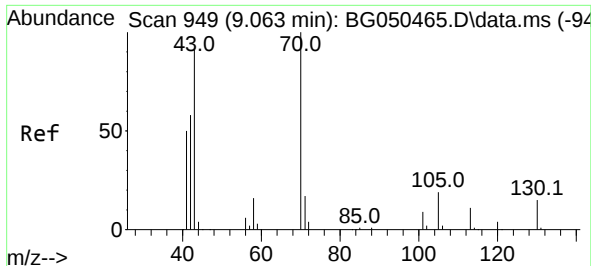
Tgt Ion: 99 Resp: 479616
Ion Ratio Lower Upper
99 100
42 23.0 20.5 30.7
71 40.5 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.396 min Scan# 665
Delta R.T. 0.002 min
Lab File: BG050514.D
Acq: 8 Oct 2021 18:13

Tgt Ion: 77 Resp: 1276
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

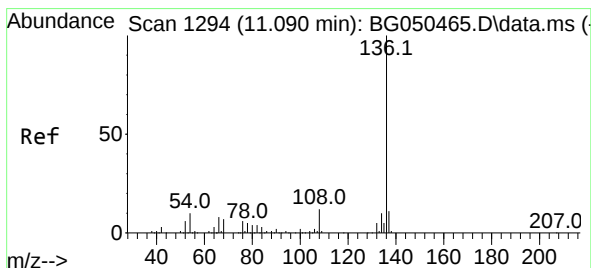
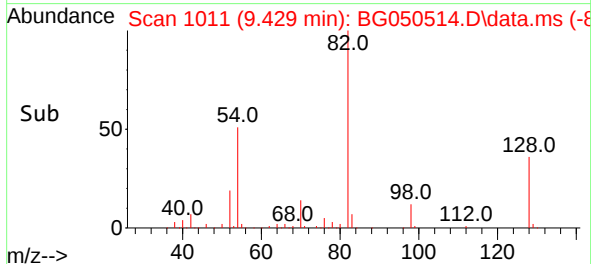
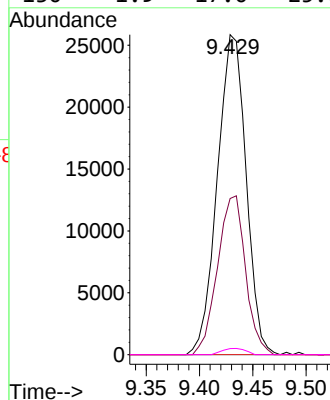
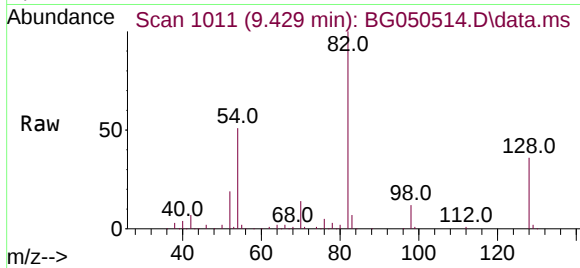




#19
n-Nitroso-di-n-propylamine
Concen: 17.842 ng
RT: 9.429 min Scan# 1011
Delta R.T. 0.366 min
Lab File: BG050514.D
Acq: 8 Oct 2021 18:13

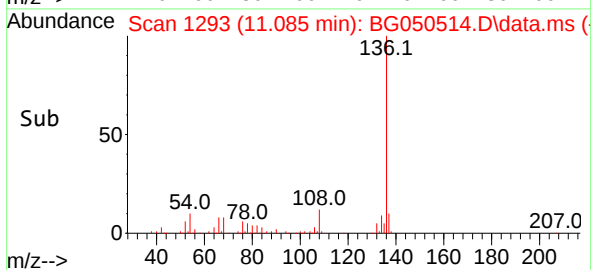
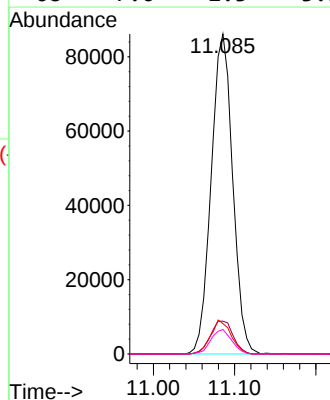
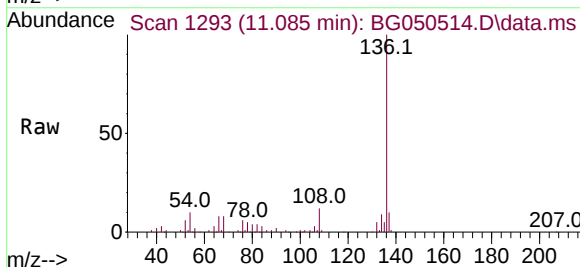
Instrument :
BNA_G
ClientSampleId :
PB139654BL

Tgt Ion: 70 Resp: 48432
Ion Ratio Lower Upper
70 100
42 48.8 54.5 81.7#
101 0.0 9.0 13.6#
130 1.9 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.004 min
Lab File: BG050514.D
Acq: 8 Oct 2021 18:13

Tgt Ion:136 Resp: 158178
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.2
54 9.5 5.5 8.3#
68 7.6 2.3 3.5#

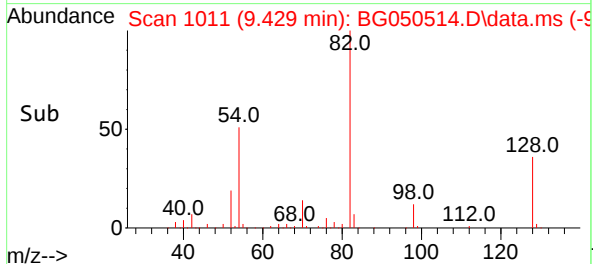
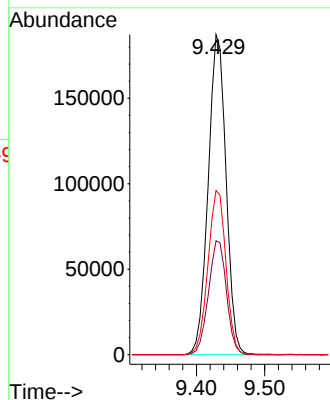
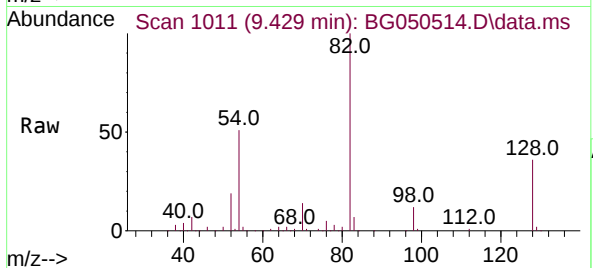




#23
Nitrobenzene-d5
Concen: 89.278 ng
RT: 9.429 min Scan# 1011
Delta R.T. -0.004 min
Lab File: BG050514.D
Acq: 8 Oct 2021 18:13

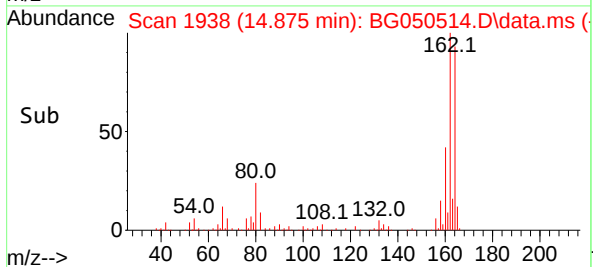
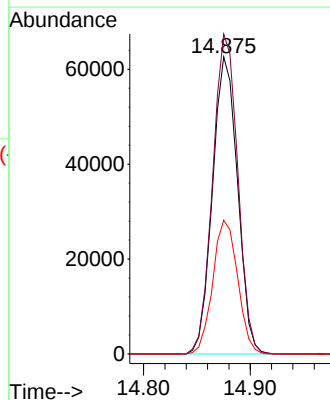
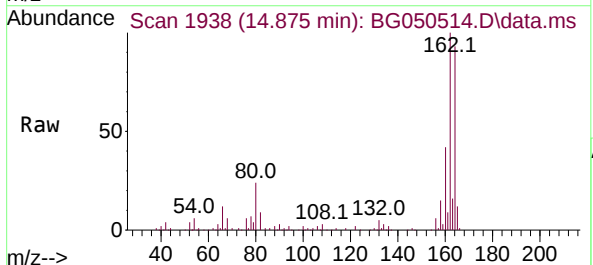
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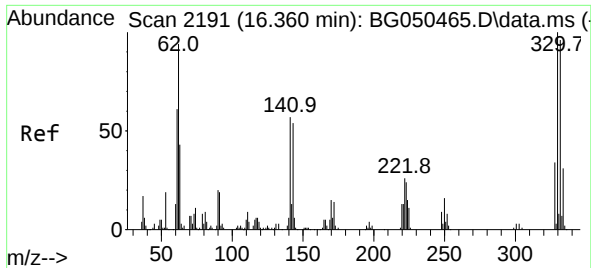
Tgt Ion: 82 Resp: 341143
Ion Ratio Lower Upper
82 100
128 35.6 29.8 44.6
54 51.3 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.004 min
Lab File: BG050514.D
Acq: 8 Oct 2021 18:13

Tgt Ion:164 Resp: 101972
Ion Ratio Lower Upper
164 100
162 107.7 81.4 122.0
160 45.0 34.9 52.3

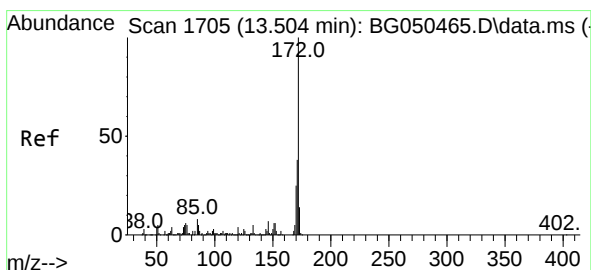
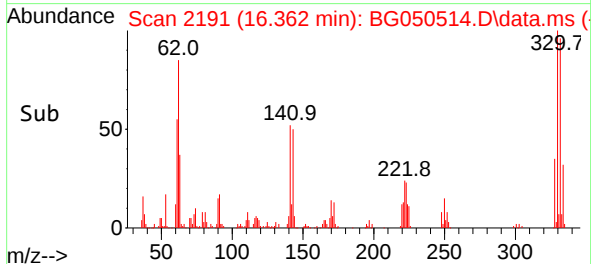
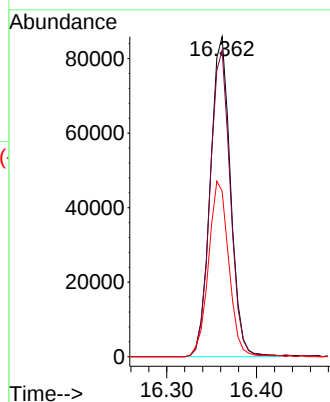
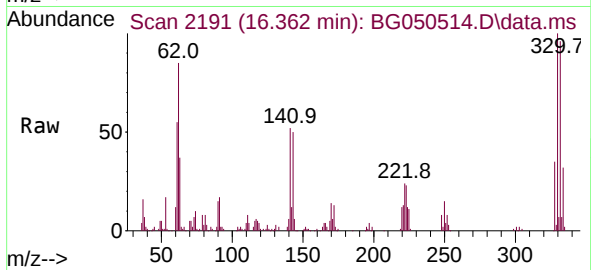




#42
2,4,6-Tribromophenol
Concen: 138.127 ng
RT: 16.362 min Scan# 2191
Delta R.T. 0.002 min
Lab File: BG050514.D
Acq: 8 Oct 2021 18:13

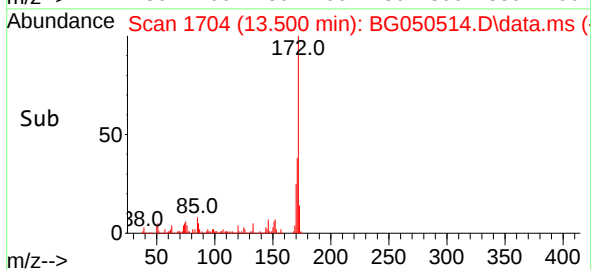
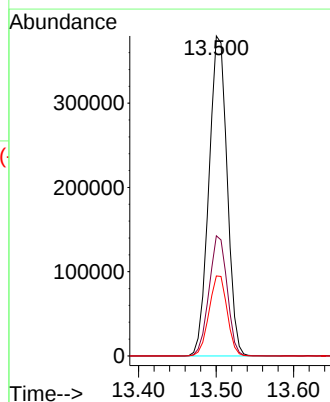
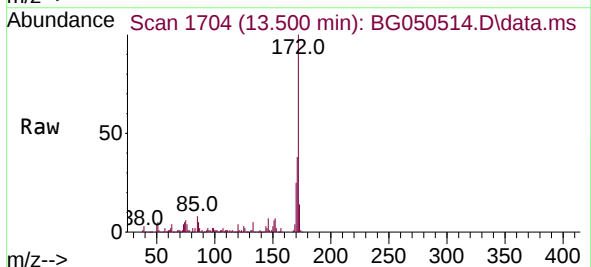
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BNA_G
ClientSampleId :
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Tgt Ion:330 Resp: 134347
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 55.0 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 91.341 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.004 min
Lab File: BG050514.D
Acq: 8 Oct 2021 18:13

Tgt Ion:172 Resp: 618873
Ion Ratio Lower Upper
172 100
171 37.5 28.6 43.0
170 25.0 18.6 27.8

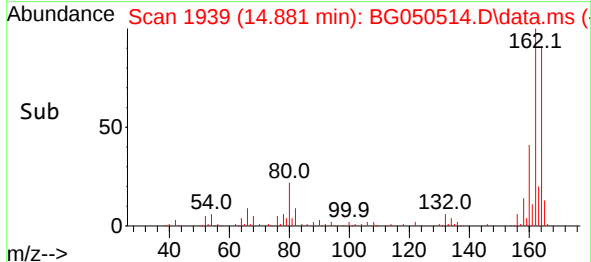
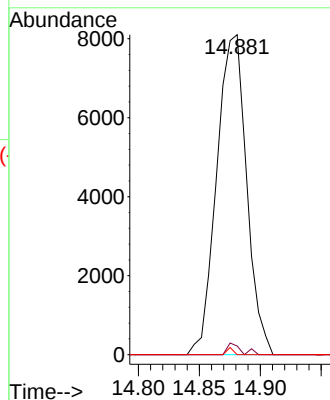
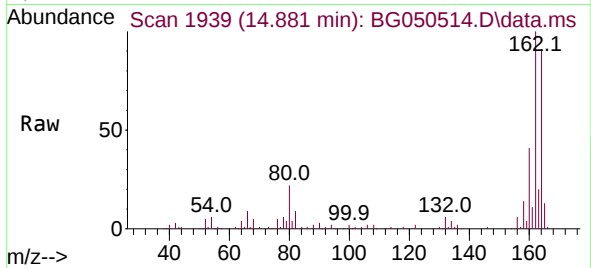




#51
2,6-Dinitrotoluene
Concen: 8.963 ng
RT: 14.881 min Scan# 1939
Delta R.T. 0.436 min
Lab File: BG050514.D
Acq: 8 Oct 2021 18:13

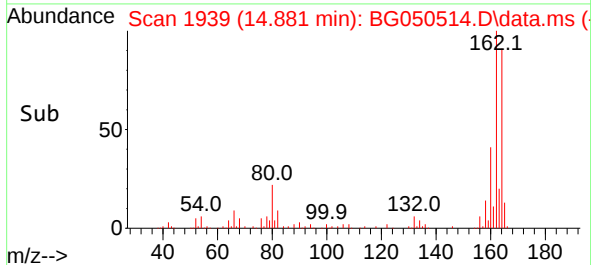
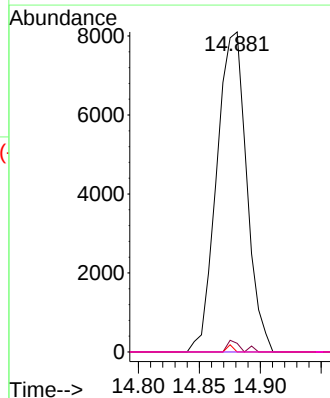
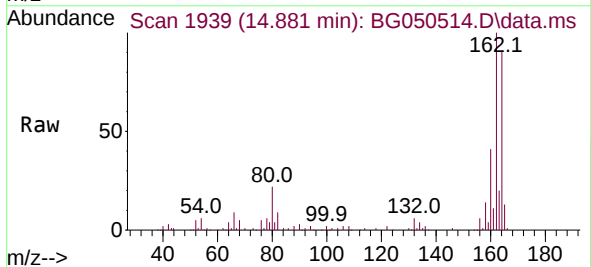
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BNA_G
ClientSampleId :
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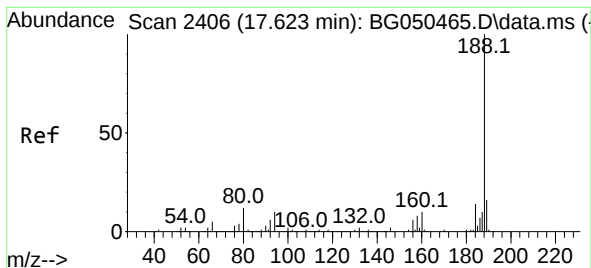
Tgt Ion:165 Resp: 13837
Ion Ratio Lower Upper
165 100
63 2.7 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.359 ng
RT: 14.881 min Scan# 1939
Delta R.T. -0.345 min
Lab File: BG050514.D
Acq: 8 Oct 2021 18:13

Tgt Ion:165 Resp: 13837
Ion Ratio Lower Upper
165 100
63 2.7 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

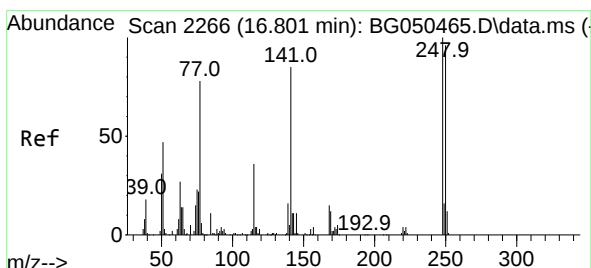
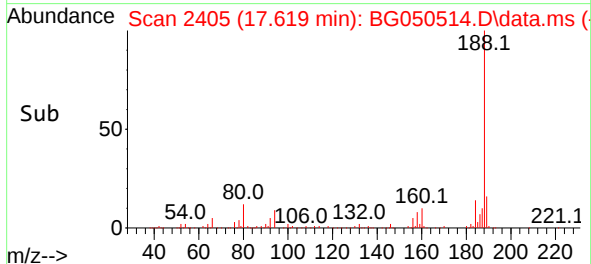
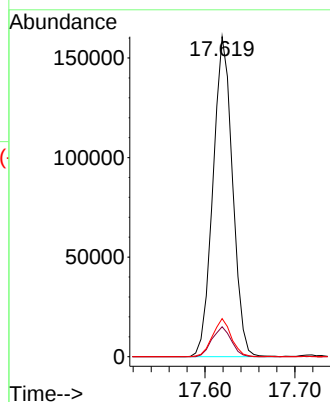
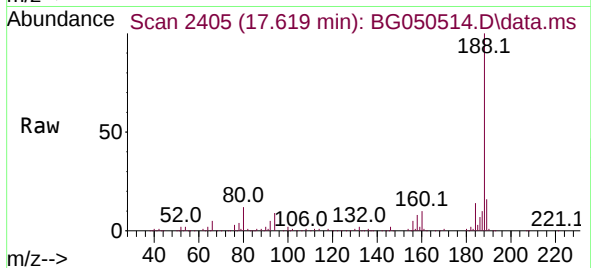




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG050514.D
Acq: 8 Oct 2021 18:13

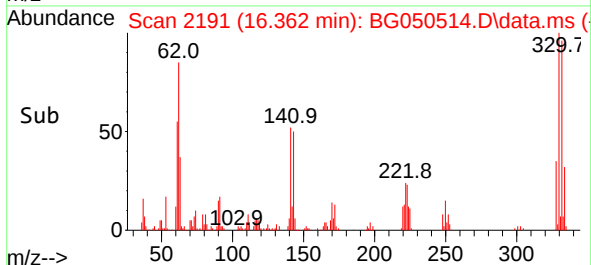
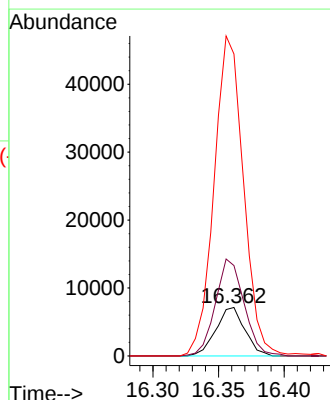
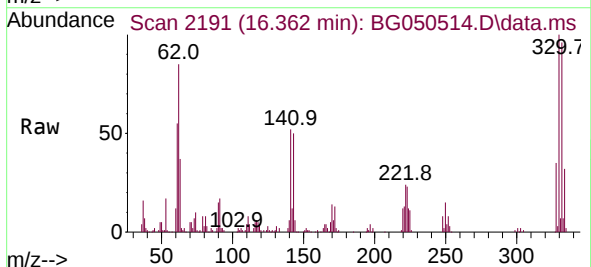
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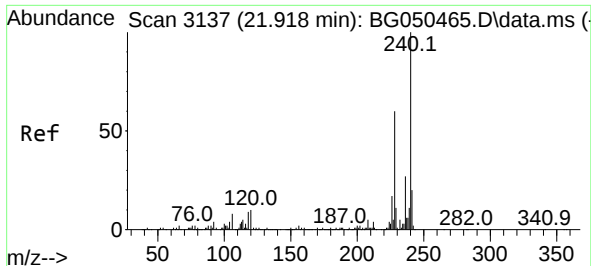
Tgt Ion:188 Resp: 243091
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 11.9 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.482 ng
RT: 16.362 min Scan# 2191
Delta R.T. -0.439 min
Lab File: BG050514.D
Acq: 8 Oct 2021 18:13

Tgt Ion:248 Resp: 10979
Ion Ratio Lower Upper
248 100
250 186.6 76.1 114.1#
141 623.3 65.4 98.2#

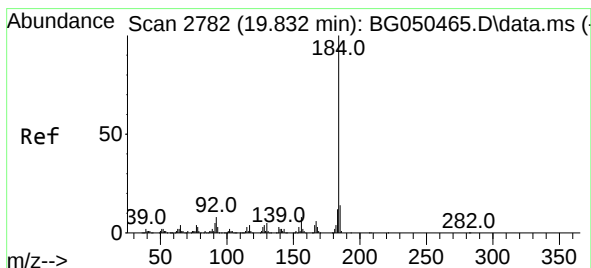
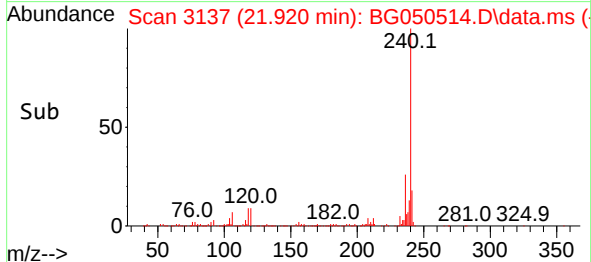
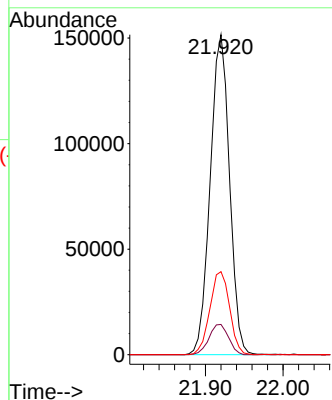
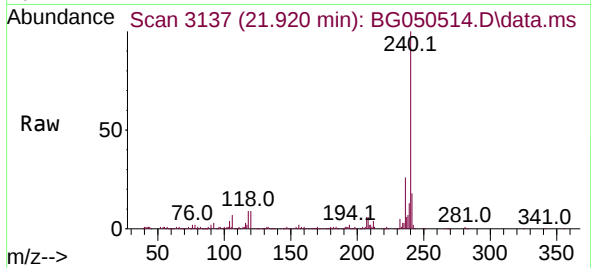




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3137
Delta R.T. 0.002 min
Lab File: BG050514.D
Acq: 8 Oct 2021 18:13

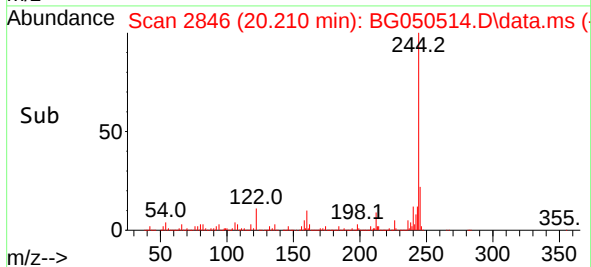
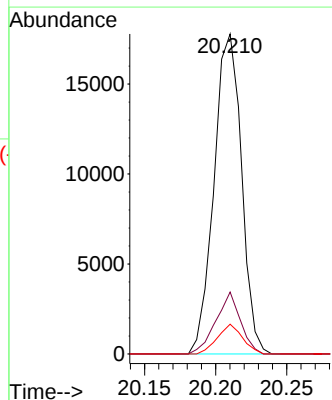
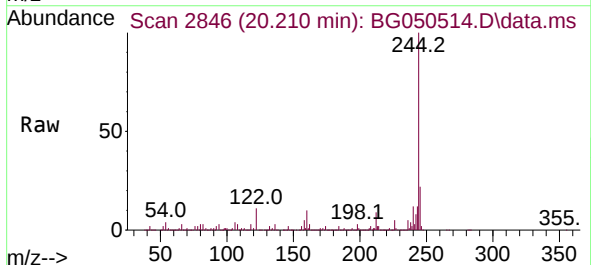
Instrument :
BNA_G
ClientSampleId :
PB139654BL

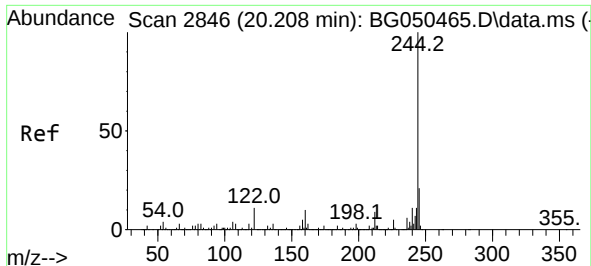
Tgt Ion:240 Resp: 261897
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 25.9 21.8 32.6



#77
Benzidine
Concen: 2.811 ng
RT: 20.210 min Scan# 2846
Delta R.T. 0.378 min
Lab File: BG050514.D
Acq: 8 Oct 2021 18:13

Tgt Ion:184 Resp: 23864
Ion Ratio Lower Upper
184 100
185 19.4 10.7 16.1#
183 9.3 9.4 14.0#

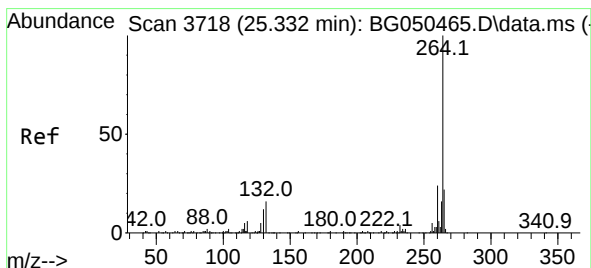
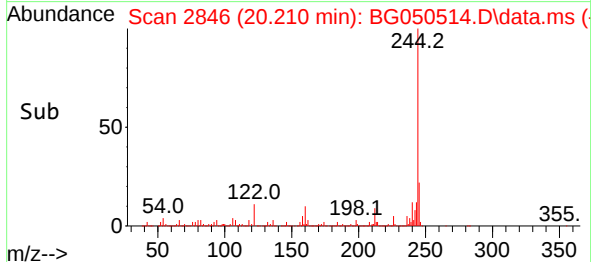
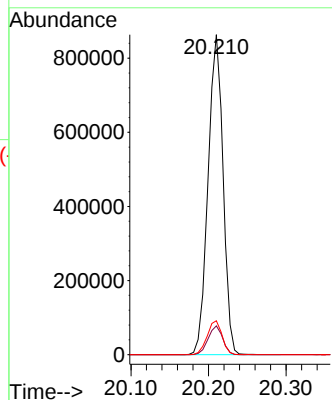
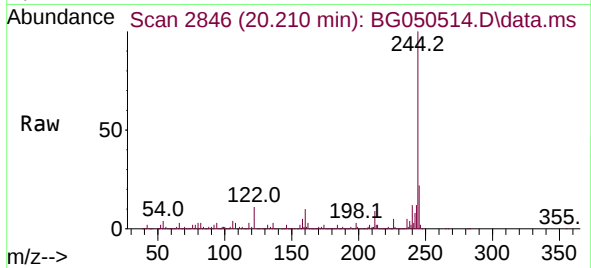




#79
 Terphenyl-d14
 Concen: 86.201 ng
 RT: 20.210 min Scan# 2846
 Delta R.T. 0.002 min
 Lab File: BG050514.D
 Acq: 8 Oct 2021 18:13

Instrument :
 BNA_G
 ClientSampleId :
 PB139654BL

Tgt Ion:244 Resp: 1158427
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.9 10.3
 122 10.6 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.334 min Scan# 3718
 Delta R.T. 0.002 min
 Lab File: BG050514.D
 Acq: 8 Oct 2021 18:13

Tgt Ion:264 Resp: 250930
 Ion Ratio Lower Upper
 264 100
 260 25.1 19.4 29.2
 265 21.6 16.9 25.3

