

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101121\
 Data File : BG050540.D
 Acq On : 11 Oct 2021 18:06
 Operator : CG/JU
 Sample : PB139761TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139761TB

Quant Time: Oct 11 18:46:05 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)

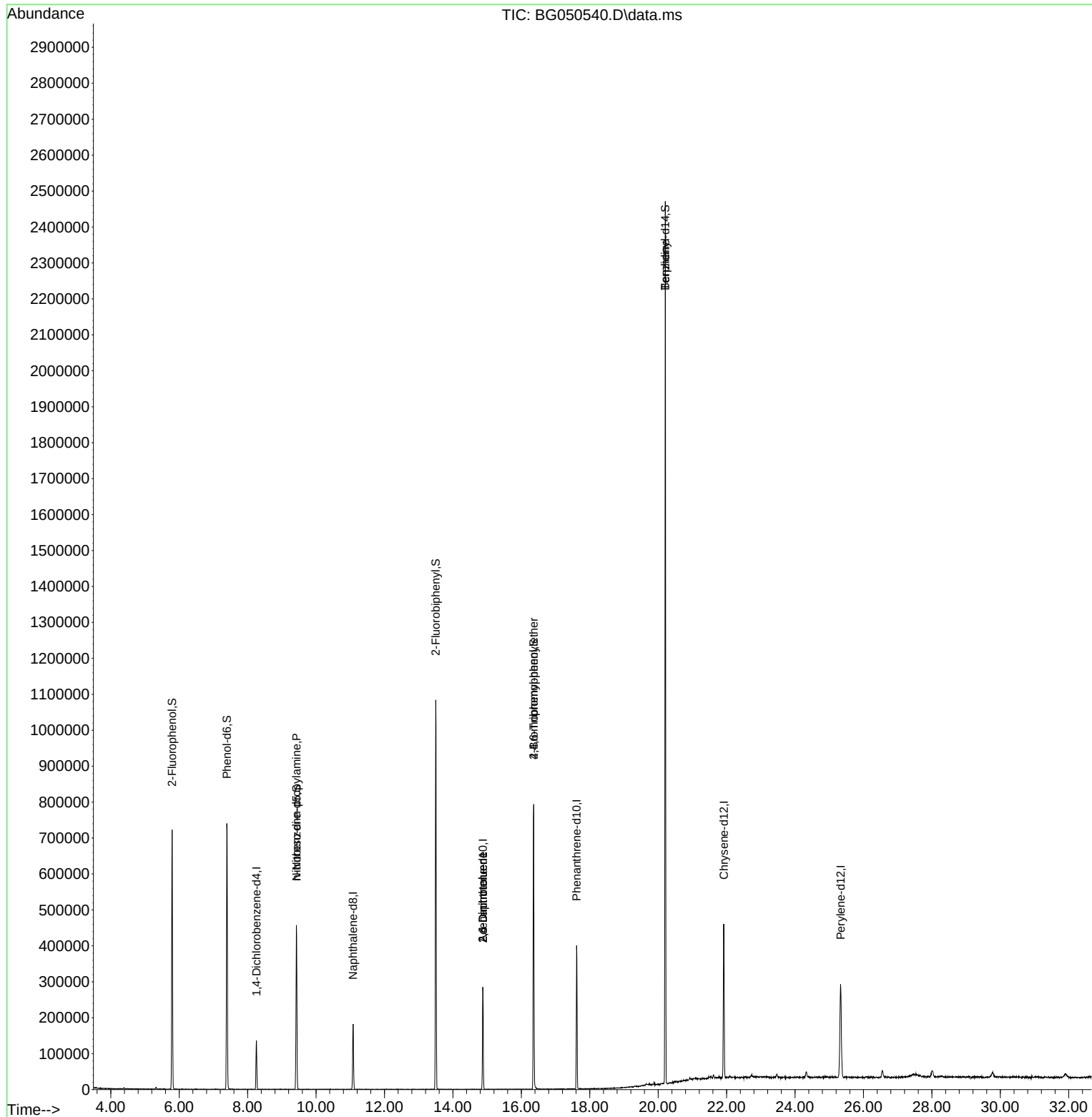
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	34849	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	148031	20.000	ng	# 0.00
39) Acenaphthene-d10	14.874	164	100787	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	243975	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	263098	20.000	ng	# 0.00
86) Perylene-d12	25.332	264	255002	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	304826	130.815	ng	0.00
7) Phenol-d6	7.394	99	413760	122.642	ng	0.00
23) Nitrobenzene-d5	9.427	82	290821	81.326	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	116463	121.148	ng	0.00
45) 2-Fluorobiphenyl	13.499	172	535517	79.968	ng	0.00
79) Terphenyl-d14	20.209	244	1040888	77.101	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.400	77	816	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.427	70	40454	16.451	ng	# 71
51) 2,6-Dinitrotoluene	14.874	165	13089	8.578	ng	# 13
57) 2,4-Dinitrotoluene	14.874	165	13089	6.086	ng	# 19
67) 4-Bromophenyl-phenylether	16.360	248	9489	3.860	ng	# 1
77) Benzidine	20.209	184	21650	2.539	ng	# 89

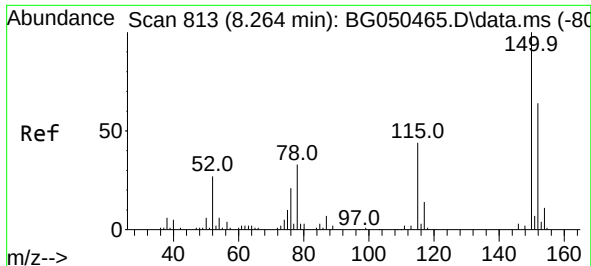
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

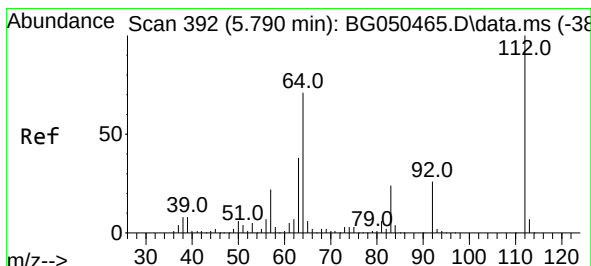
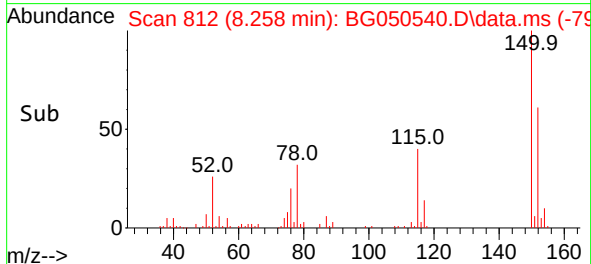
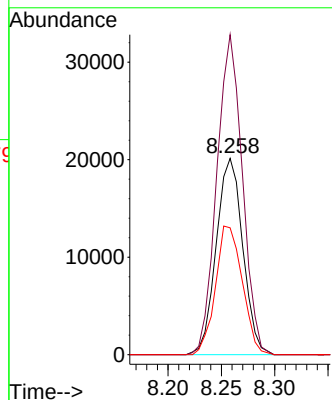
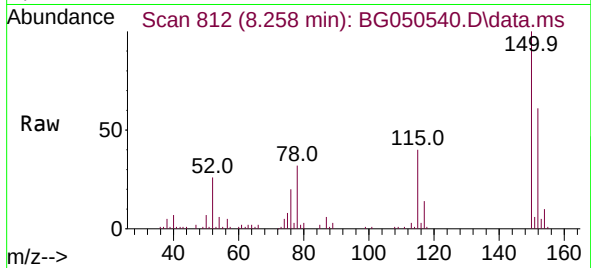




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG050540.D
Acq: 11 Oct 2021 18:06

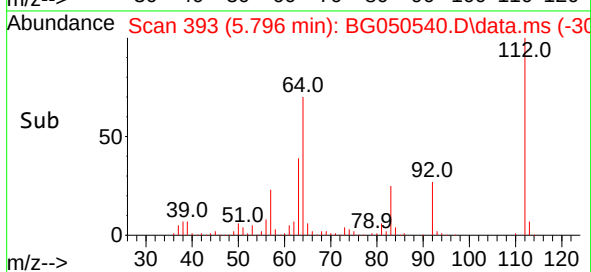
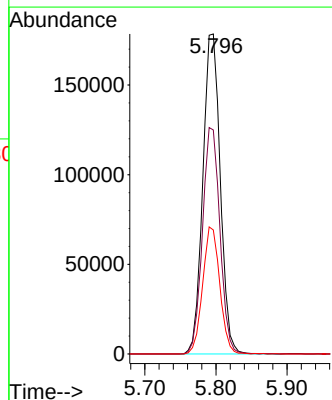
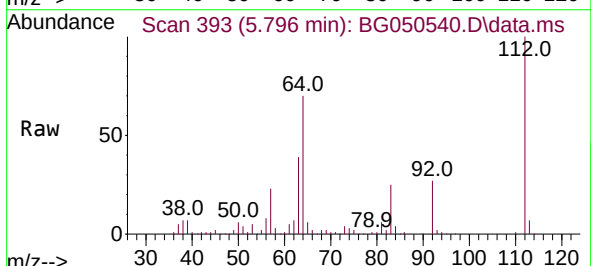
Instrument :
BNA_G
ClientSampleId :
PB139761TB

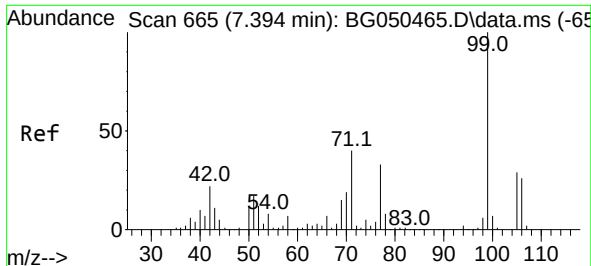
Tgt Ion:152 Resp: 34849
Ion Ratio Lower Upper
152 100
150 162.9 119.4 179.0
115 64.6 60.2 90.4



#5
2-Fluorophenol
Concen: 130.815 ng
RT: 5.796 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050540.D
Acq: 11 Oct 2021 18:06

Tgt Ion:112 Resp: 304826
Ion Ratio Lower Upper
112 100
64 70.0 46.7 70.1
63 38.7 35.3 52.9

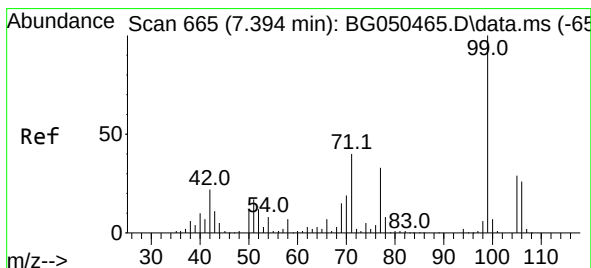
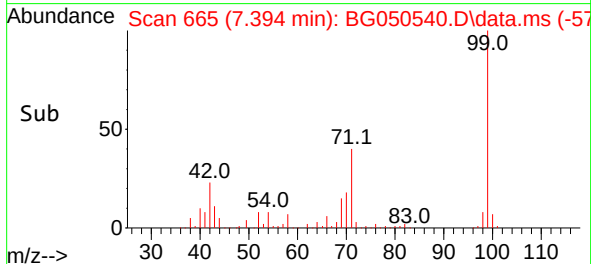
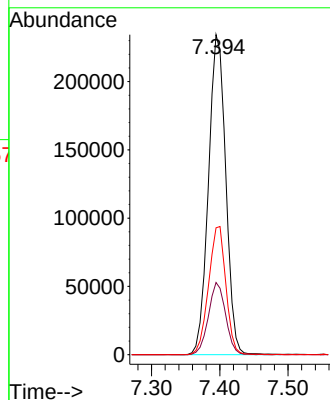
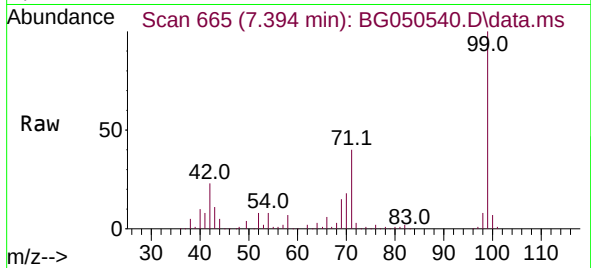




#7
Phenol-d6
Concen: 122.642 ng
RT: 7.394 min Scan# 665
Delta R.T. 0.000 min
Lab File: BG050540.D
Acq: 11 Oct 2021 18:06

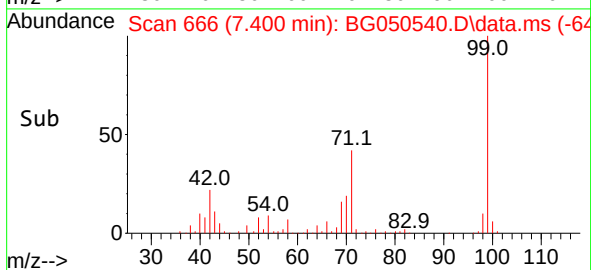
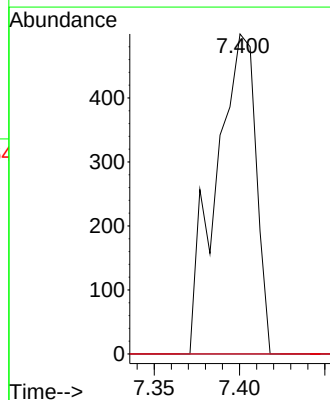
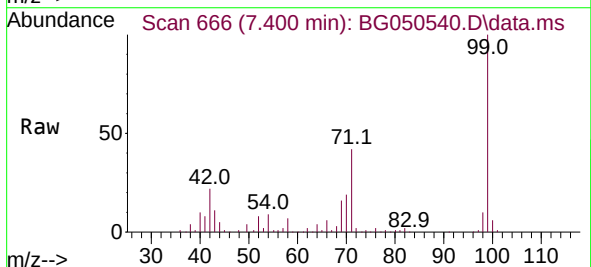
Instrument :
BNA_G
ClientSampleId :
PB139761TB

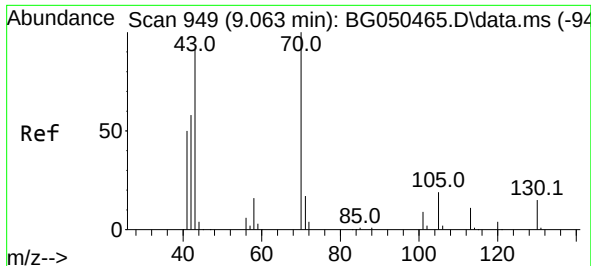
Tgt Ion: 99 Resp: 413760
Ion Ratio Lower Upper
99 100
42 22.5 20.5 30.7
71 39.7 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.400 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG050540.D
Acq: 11 Oct 2021 18:06

Tgt Ion: 77 Resp: 816
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

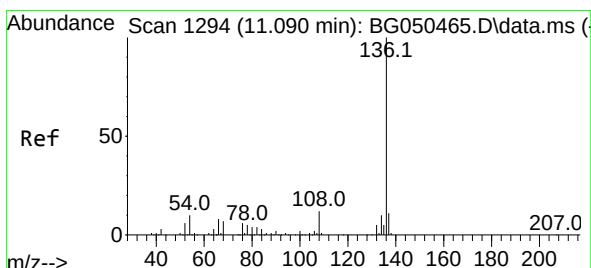
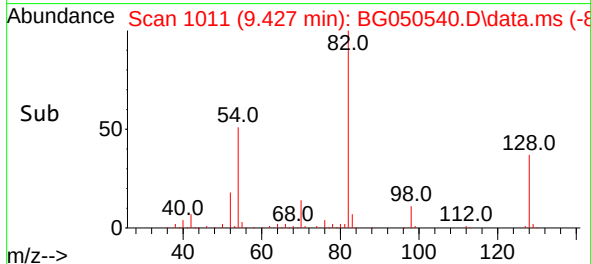
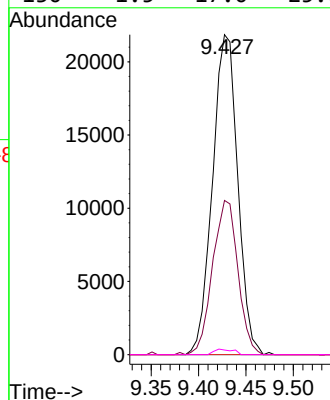
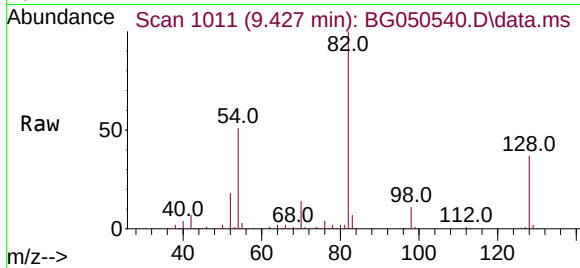




#19
n-Nitroso-di-n-propylamine
Concen: 16.451 ng
RT: 9.427 min Scan# 1011
Delta R.T. 0.365 min
Lab File: BG050540.D
Acq: 11 Oct 2021 18:06

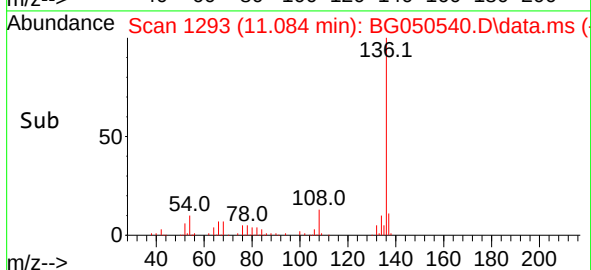
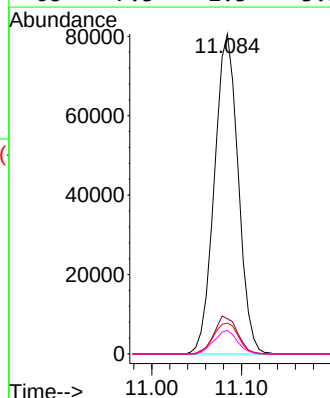
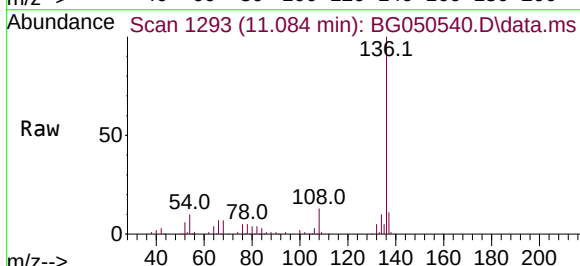
Instrument :
BNA_G
ClientSampleId :
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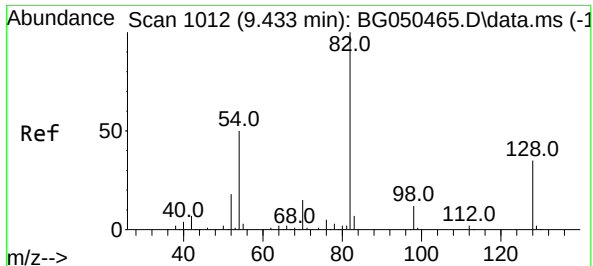
Tgt Ion: 70 Resp: 40454
Ion Ratio Lower Upper
70 100
42 48.2 54.5 81.7#
101 0.0 9.0 13.6#
130 1.5 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050540.D
Acq: 11 Oct 2021 18:06

Tgt Ion: 136 Resp: 148031
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 9.7 5.5 8.3#
68 7.3 2.3 3.5#

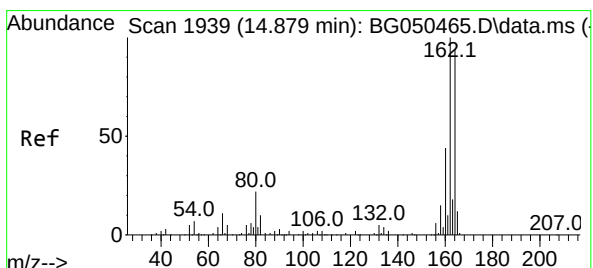
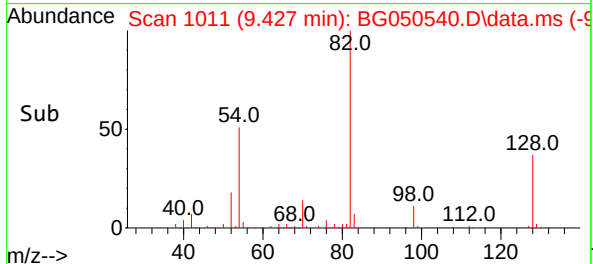
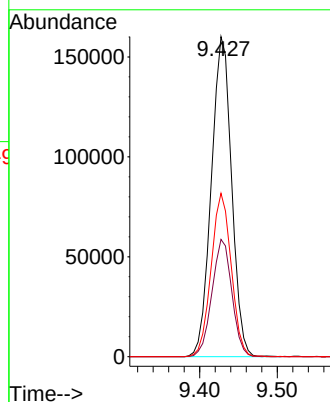
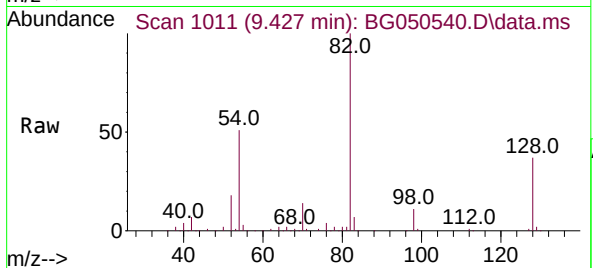




#23
Nitrobenzene-d5
Concen: 81.326 ng
RT: 9.427 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050540.D
Acq: 11 Oct 2021 18:06

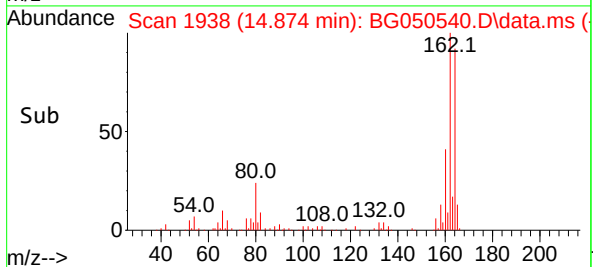
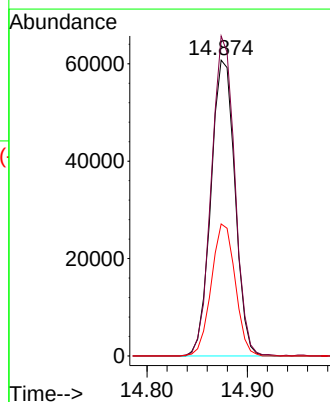
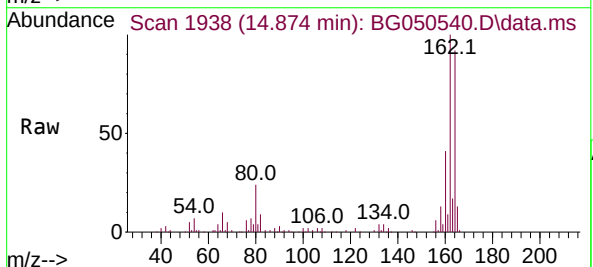
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ClientSampleId :
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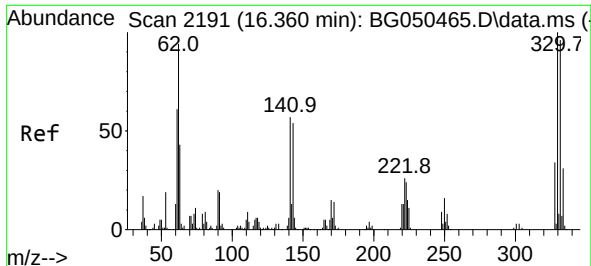
Tgt Ion: 82 Resp: 290821
Ion Ratio Lower Upper
82 100
128 36.7 29.8 44.6
54 51.0 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050540.D
Acq: 11 Oct 2021 18:06

Tgt Ion:164 Resp: 100787
Ion Ratio Lower Upper
164 100
162 108.2 81.4 122.0
160 44.6 34.9 52.3

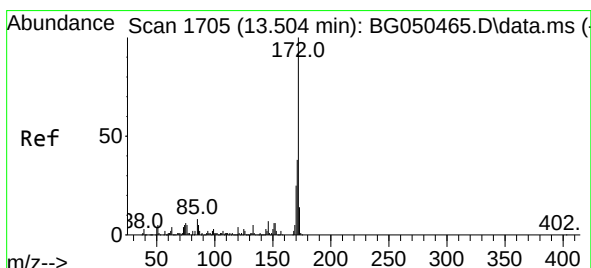
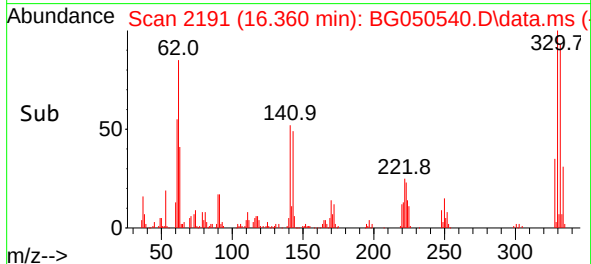
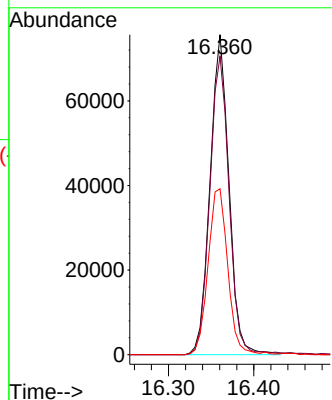
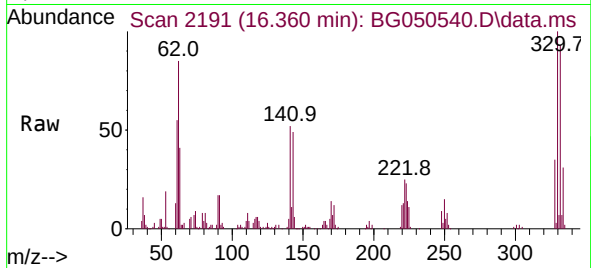




#42
2,4,6-Tribromophenol
Concen: 121.148 ng
RT: 16.360 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BG050540.D
Acq: 11 Oct 2021 18:06

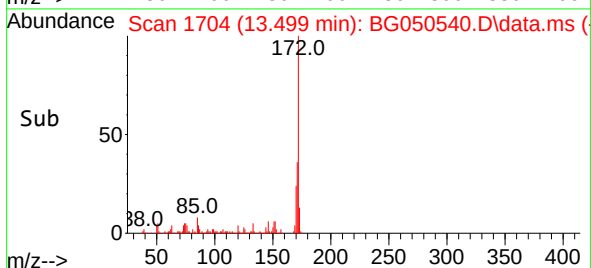
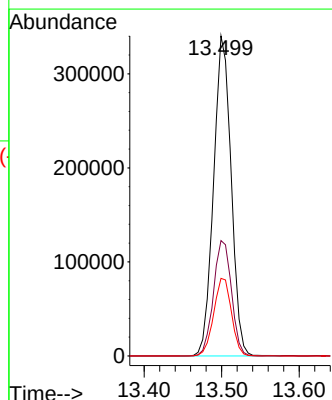
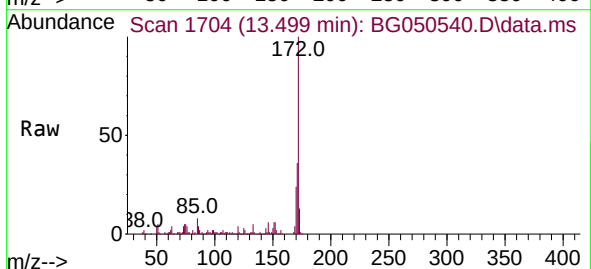
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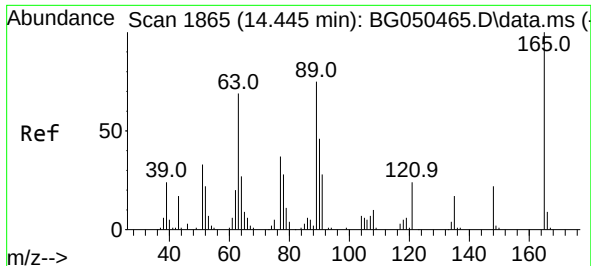
Tgt Ion:330 Resp: 116463
Ion Ratio Lower Upper
330 100
332 95.6 77.3 115.9
141 54.1 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 79.968 ng
RT: 13.499 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050540.D
Acq: 11 Oct 2021 18:06

Tgt Ion:172 Resp: 535517
Ion Ratio Lower Upper
172 100
171 36.1 28.6 43.0
170 24.3 18.6 27.8

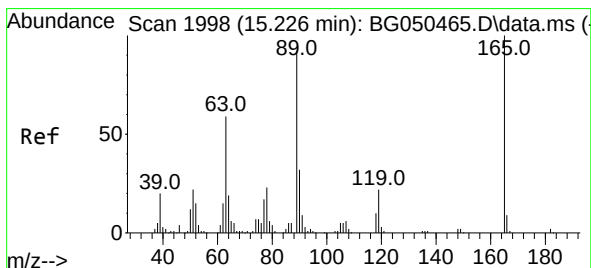
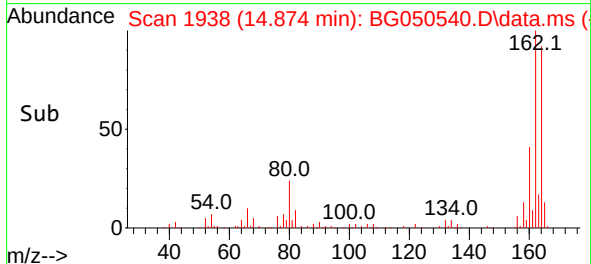
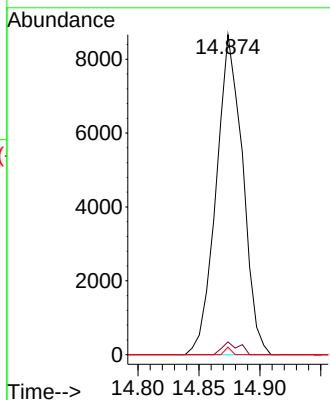
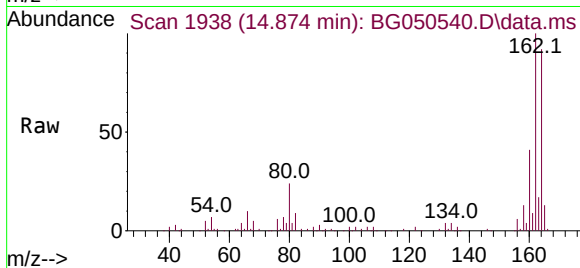




#51
2,6-Dinitrotoluene
Concen: 8.578 ng
RT: 14.874 min Scan# 1938
Delta R.T. 0.429 min
Lab File: BG050540.D
Acq: 11 Oct 2021 18:06

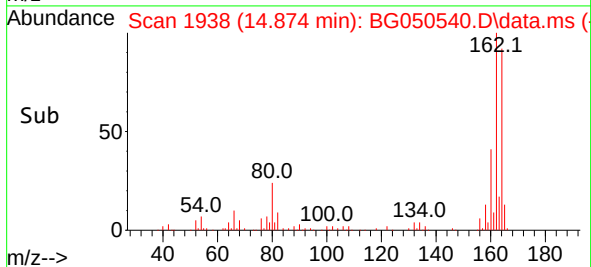
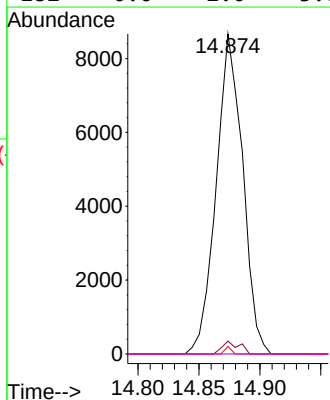
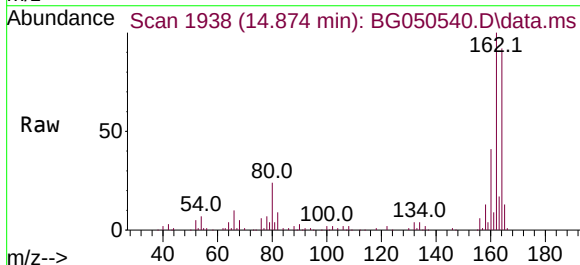
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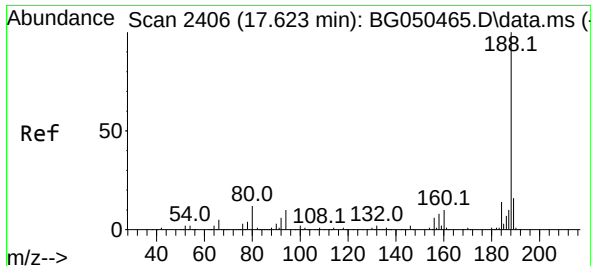
Tgt Ion:165 Resp: 13089
Ion Ratio Lower Upper
165 100
63 4.0 63.3 94.9#
89 2.4 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.086 ng
RT: 14.874 min Scan# 1938
Delta R.T. -0.352 min
Lab File: BG050540.D
Acq: 11 Oct 2021 18:06

Tgt Ion:165 Resp: 13089
Ion Ratio Lower Upper
165 100
63 4.0 48.0 72.0#
89 2.4 65.4 98.0#
182 0.0 2.0 3.0#

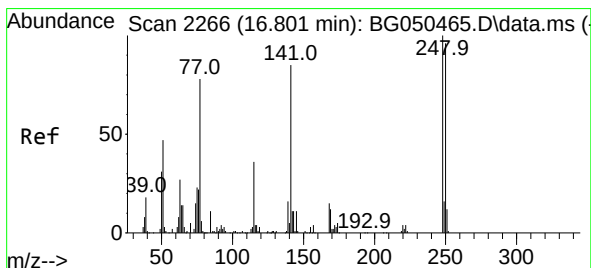
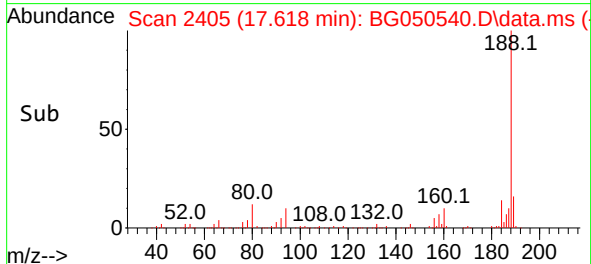
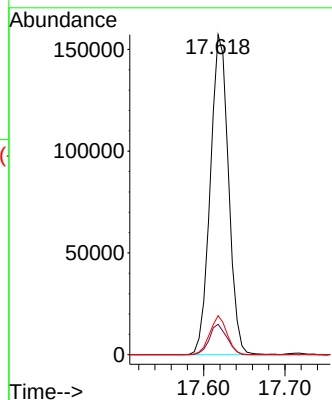
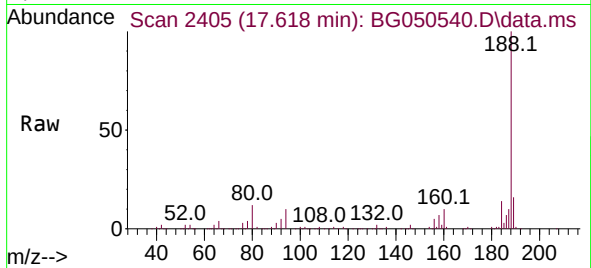




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.618 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050540.D
Acq: 11 Oct 2021 18:06

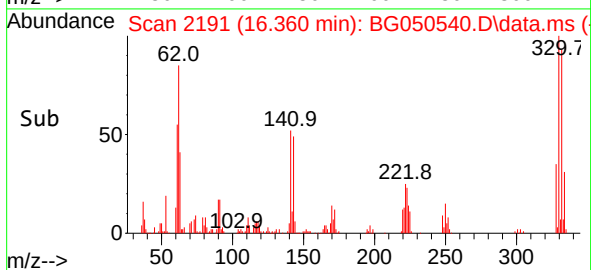
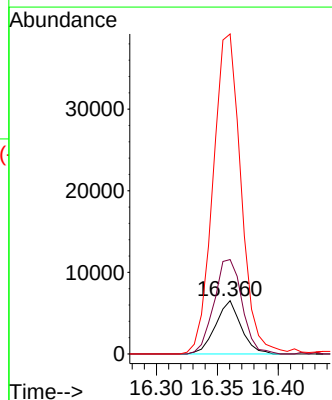
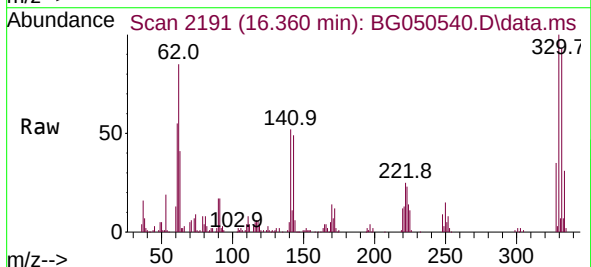
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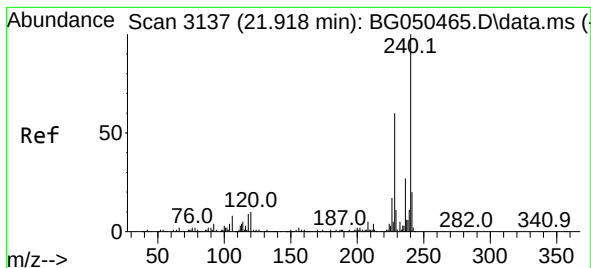
Tgt Ion:188 Resp: 243975
Ion Ratio Lower Upper
188 100
94 9.5 5.4 8.0#
80 12.2 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.860 ng
RT: 16.360 min Scan# 2191
Delta R.T. -0.440 min
Lab File: BG050540.D
Acq: 11 Oct 2021 18:06

Tgt Ion:248 Resp: 9489
Ion Ratio Lower Upper
248 100
250 177.2 76.1 114.1#
141 601.2 65.4 98.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.919 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BG050540.D

Acq: 11 Oct 2021 18:06

Tgt Ion:240 Resp: 263098

Ion Ratio Lower Upper

240 100

120 10.3 4.2 6.2#

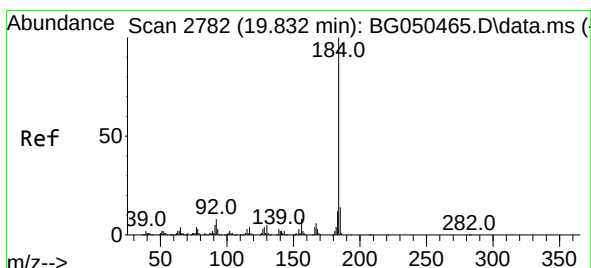
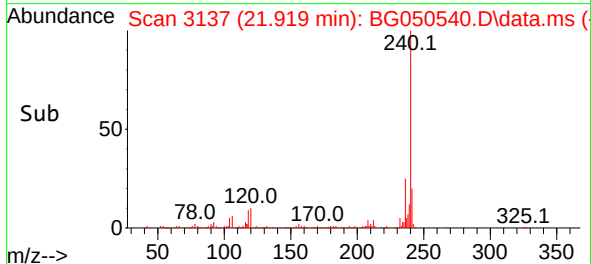
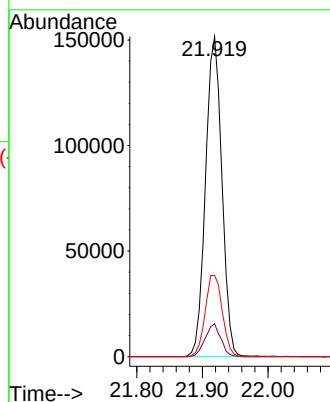
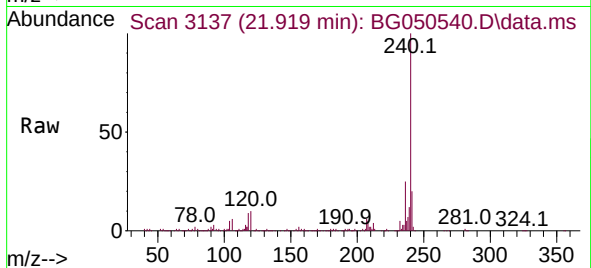
236 25.4 21.8 32.6

Instrument :

BNA_G

ClientSampleId :

PB139761TB



#77

Benzidine

Concen: 2.539 ng

RT: 20.209 min Scan# 2846

Delta R.T. 0.376 min

Lab File: BG050540.D

Acq: 11 Oct 2021 18:06

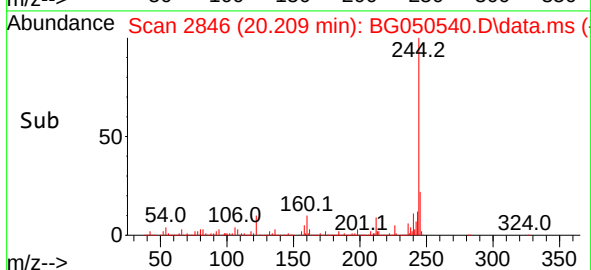
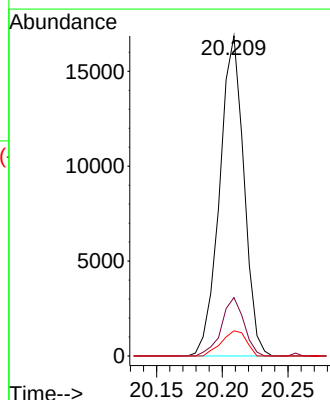
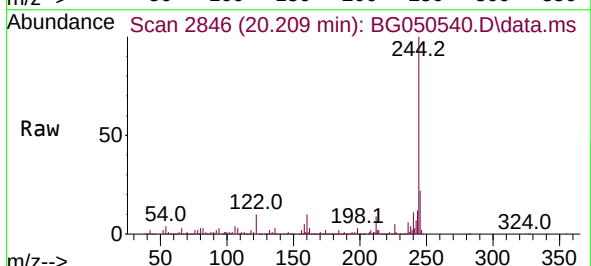
Tgt Ion:184 Resp: 21650

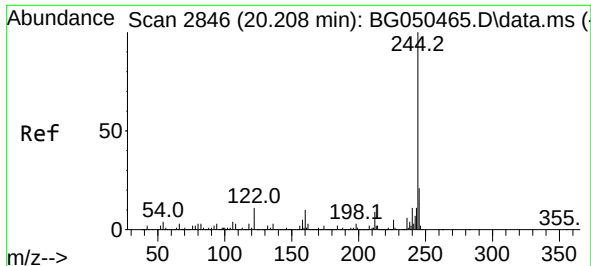
Ion Ratio Lower Upper

184 100

185 18.2 10.7 16.1#

183 7.8 9.4 14.0#

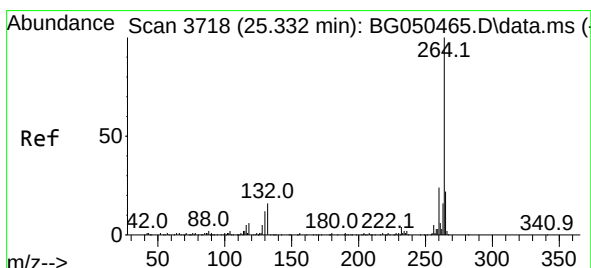
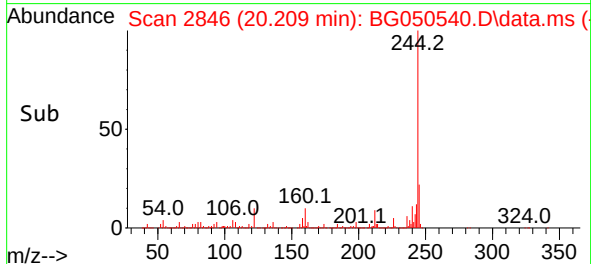
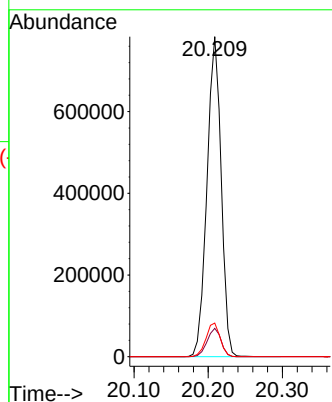
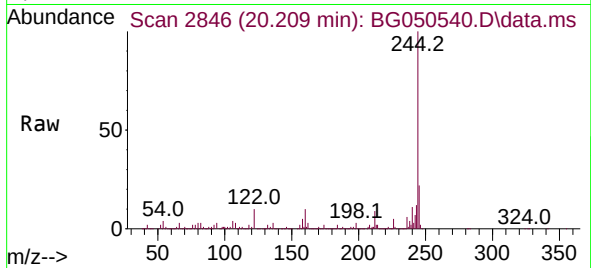




#79
Terphenyl-d14
Concen: 77.101 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.000 min
Lab File: BG050540.D
Acq: 11 Oct 2021 18:06

Instrument :
BNA_G
ClientSampleId :
PB139761TB

Tgt Ion:244 Resp: 1040888
Ion Ratio Lower Upper
244 100
212 8.8 6.9 10.3
122 10.5 5.0 7.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.332 min Scan# 3718
Delta R.T. 0.000 min
Lab File: BG050540.D
Acq: 11 Oct 2021 18:06

Tgt Ion:264 Resp: 255002
Ion Ratio Lower Upper
264 100
260 25.5 19.4 29.2
265 21.2 16.9 25.3

