

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
 Data File : BG050547.D
 Acq On : 12 Oct 2021 10:45
 Operator : CG/JU
 Sample : PB139804TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139804TB

Quant Time: Oct 12 12:54:29 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)

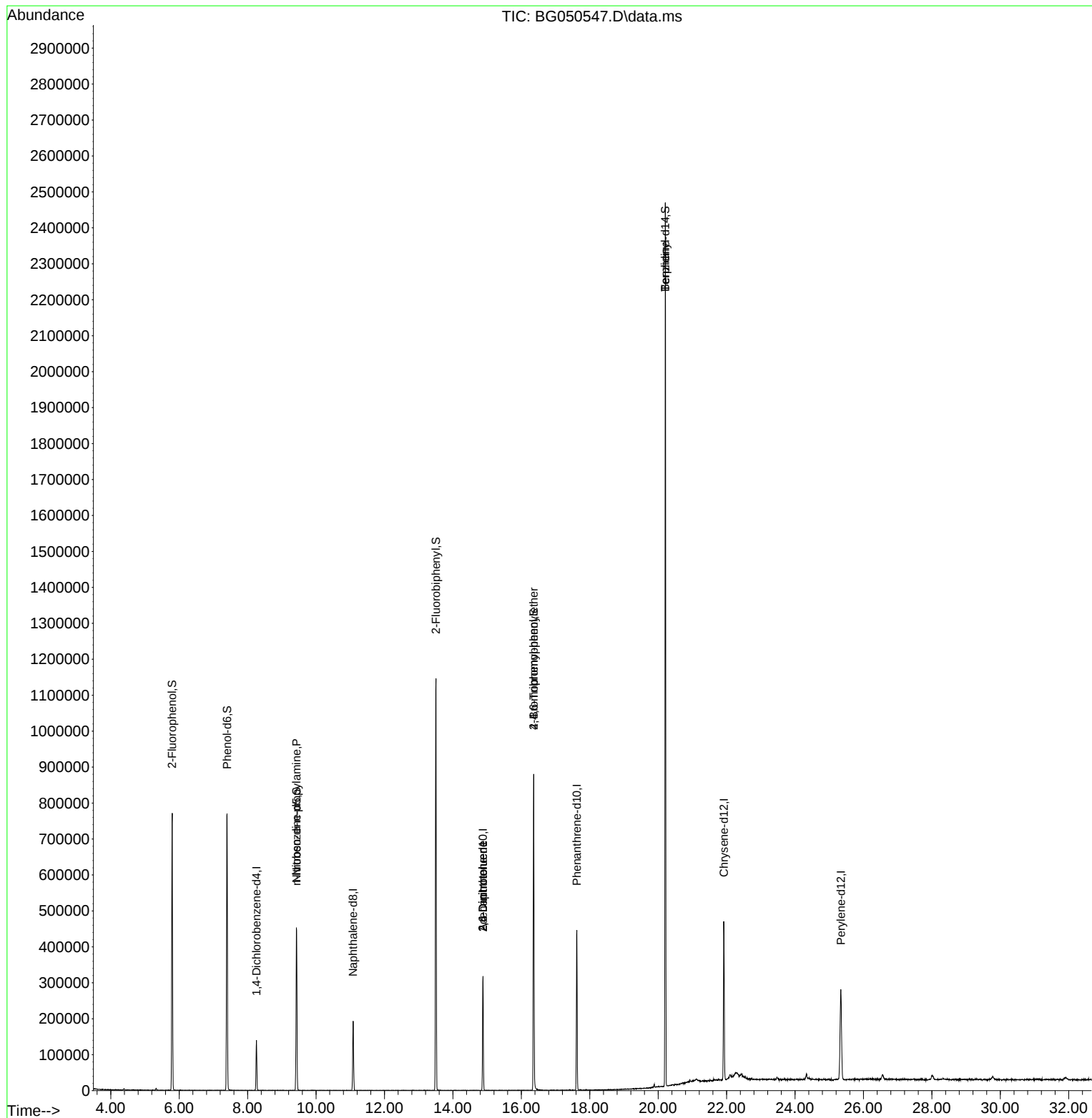
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	35779	20.000	ng	0.00
21) Naphthalene-d8	11.084	136	158944	20.000	ng	# 0.00
39) Acenaphthene-d10	14.880	164	112530	20.000	ng	0.00
64) Phenanthrene-d10	17.623	188	276373	20.000	ng	# 0.00
76) Chrysene-d12	21.918	240	259278	20.000	ng	# 0.00
86) Perylene-d12	25.338	264	257028	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	318164	132.990	ng	0.00
7) Phenol-d6	7.400	99	432808	124.953	ng	0.00
23) Nitrobenzene-d5	9.427	82	299989	78.130	ng	0.00
42) 2,4,6-Tribromophenol	16.360	330	131511	122.525	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	580003	77.573	ng	0.00
79) Terphenyl-d14	20.209	244	1094644	82.277	ng	0.00
Target Compounds						
9) Benzaldehyde	7.394	77	733	Below Cal		Qvalue
19) n-Nitroso-di-n-propyla...	9.433	70	42410	16.799	ng	# 10
51) 2,6-Dinitrotoluene	14.880	165	13905	8.162	ng	# 67
57) 2,4-Dinitrotoluene	14.880	165	13905	5.791	ng	# 11
67) 4-Bromophenyl-phenylether	16.360	248	10898	3.913	ng	# 16
77) Benzidine	20.209	184	21457	2.553	ng	# 1

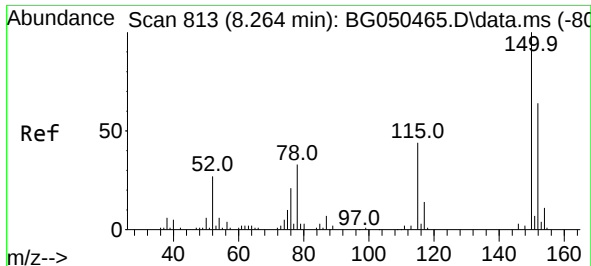
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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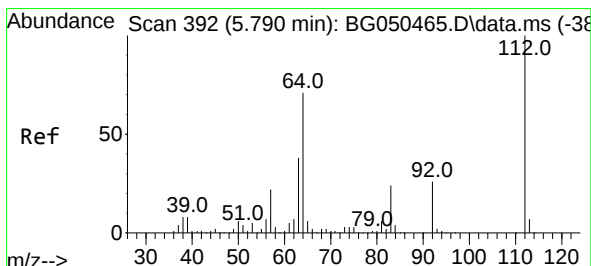
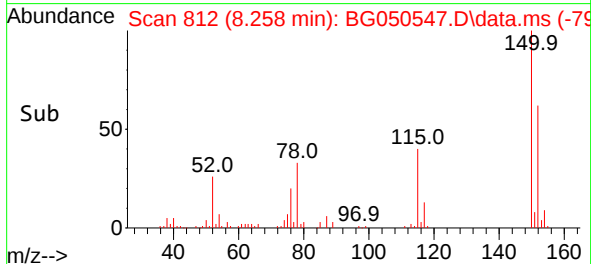
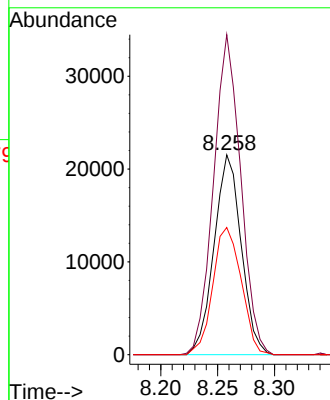
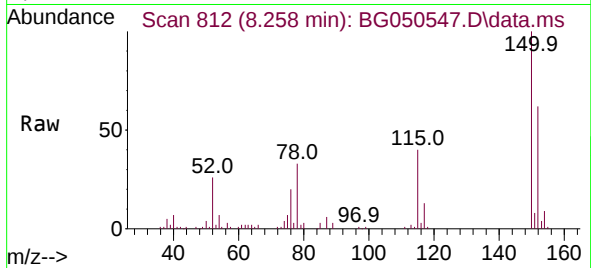




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG050547.D
Acq: 12 Oct 2021 10:45

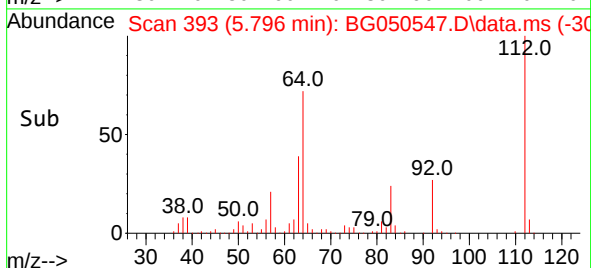
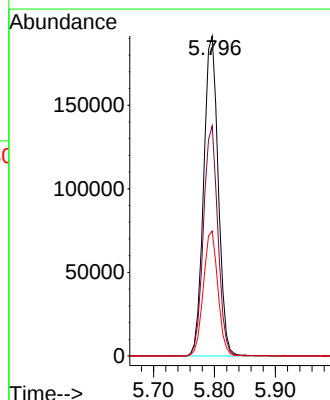
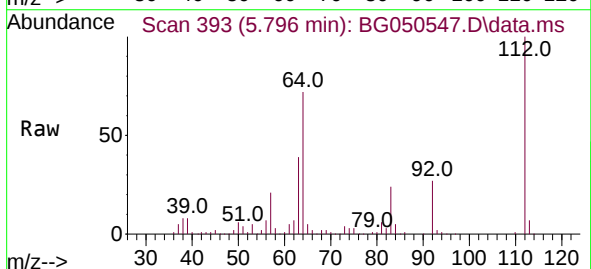
Instrument :
BNA_G
ClientSampleId :
PB139804TB

Tgt Ion:152 Resp: 35779
Ion Ratio Lower Upper
152 100
150 160.1 119.4 179.0
115 63.7 60.2 90.4



#5
2-Fluorophenol
Concen: 132.990 ng
RT: 5.796 min Scan# 393
Delta R.T. 0.006 min
Lab File: BG050547.D
Acq: 12 Oct 2021 10:45

Tgt Ion:112 Resp: 318164
Ion Ratio Lower Upper
112 100
64 71.9 46.7 70.1#
63 39.1 35.3 52.9

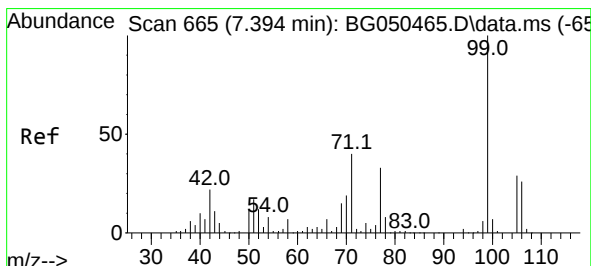
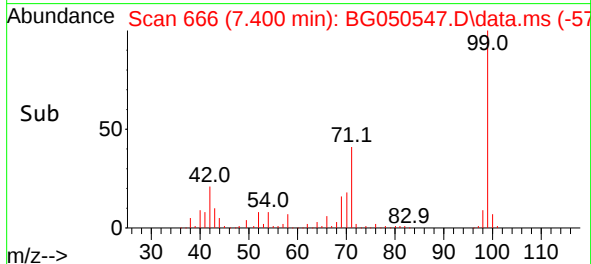
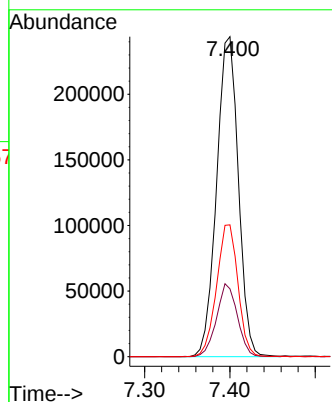
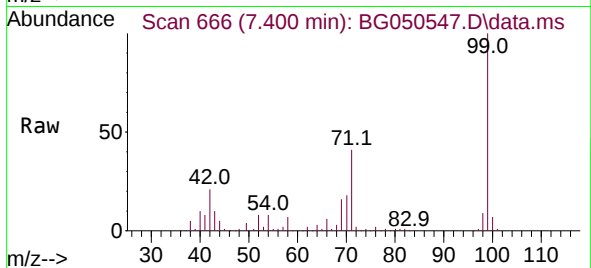




#7
Phenol-d6
Concen: 124.953 ng
RT: 7.400 min Scan# 666
Delta R.T. 0.006 min
Lab File: BG050547.D
Acq: 12 Oct 2021 10:45

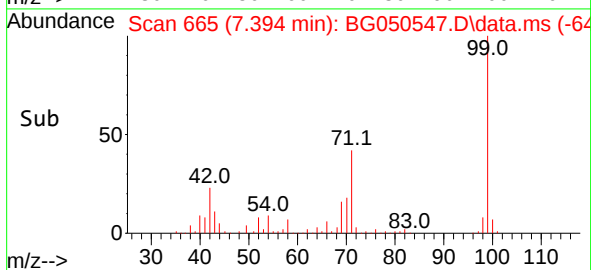
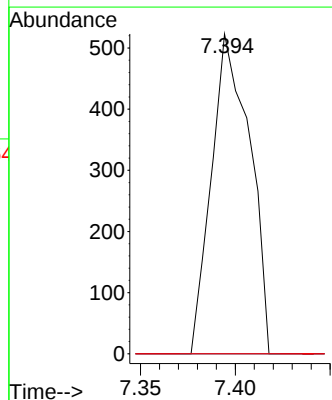
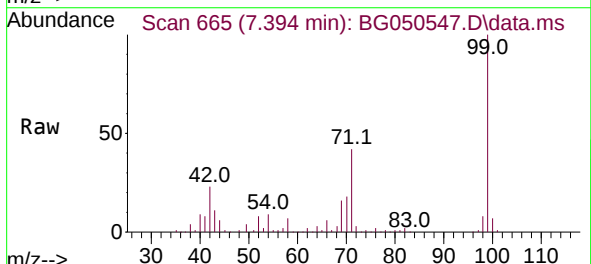
Instrument :
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ClientSampleId :
PB139804TB

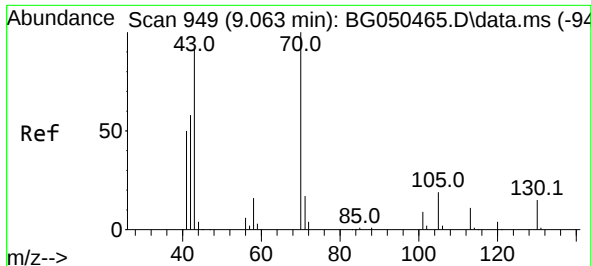
Tgt Ion: 99 Resp: 432808
Ion Ratio Lower Upper
99 100
42 21.2 20.5 30.7
71 41.2 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.394 min Scan# 665
Delta R.T. 0.000 min
Lab File: BG050547.D
Acq: 12 Oct 2021 10:45

Tgt Ion: 77 Resp: 733
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

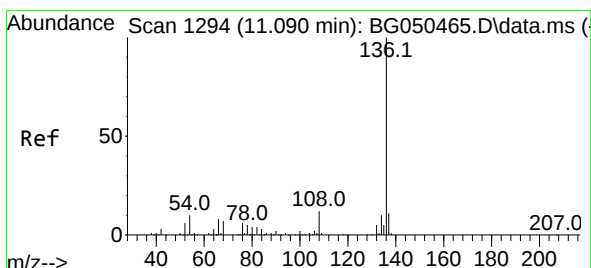
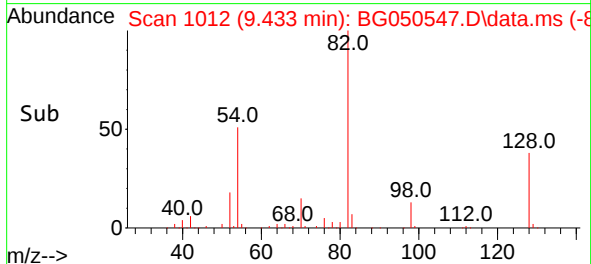
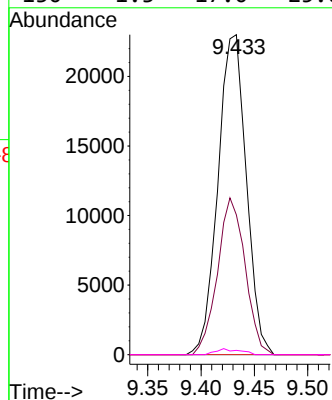
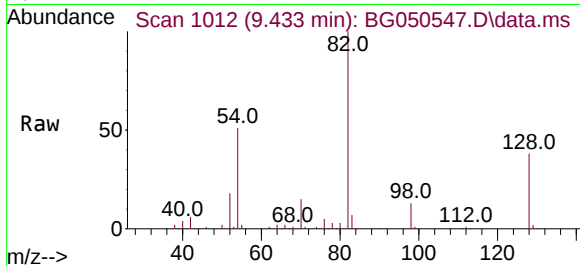




#19
n-Nitroso-di-n-propylamine
Concen: 16.799 ng
RT: 9.433 min Scan# 1012
Delta R.T. 0.370 min
Lab File: BG050547.D
Acq: 12 Oct 2021 10:45

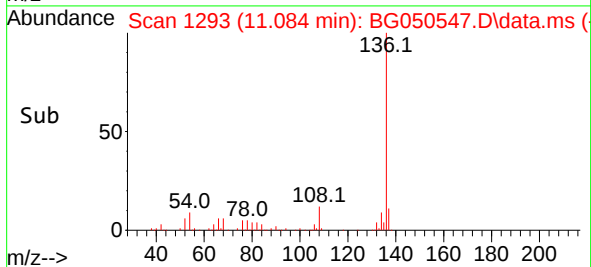
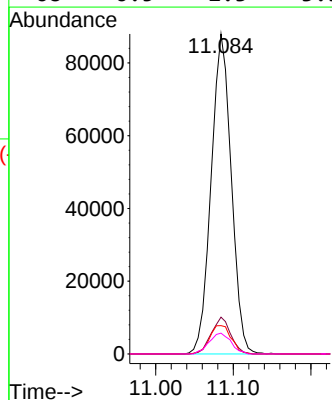
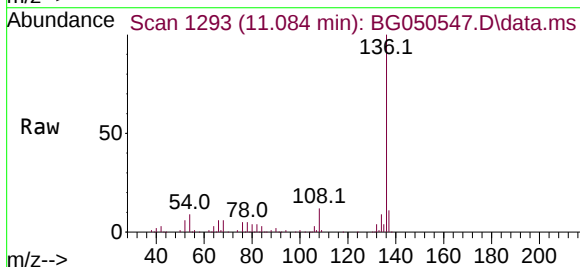
Instrument :
BNA_G
ClientSampleId :
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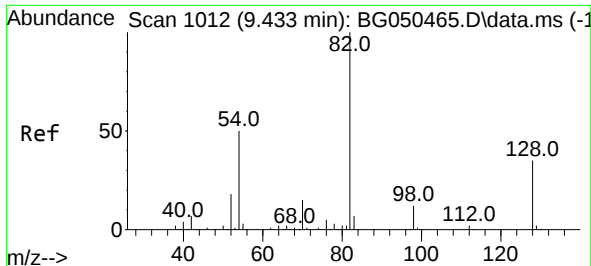
Tgt Ion: 70 Resp: 42410
Ion Ratio Lower Upper
70 100
42 43.7 54.5 81.7#
101 0.0 9.0 13.6#
130 1.3 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.084 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BG050547.D
Acq: 12 Oct 2021 10:45

Tgt Ion:136 Resp: 158944
Ion Ratio Lower Upper
136 100
137 11.5 8.2 12.2
54 8.8 5.5 8.3#
68 6.5 2.3 3.5#

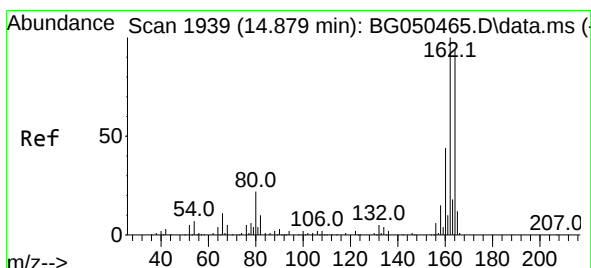
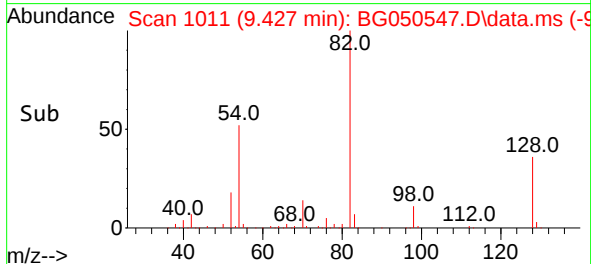
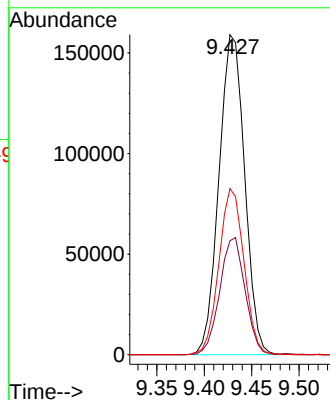
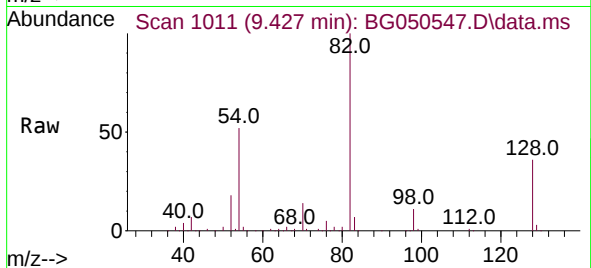




#23
Nitrobenzene-d5
Concen: 78.130 ng
RT: 9.427 min Scan# 1011
Delta R.T. -0.006 min
Lab File: BG050547.D
Acq: 12 Oct 2021 10:45

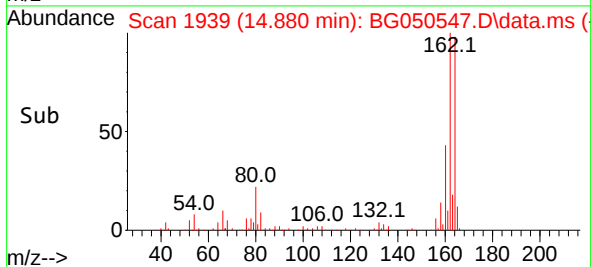
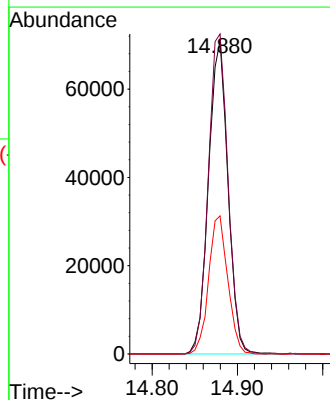
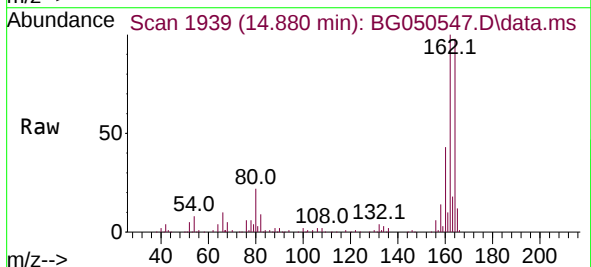
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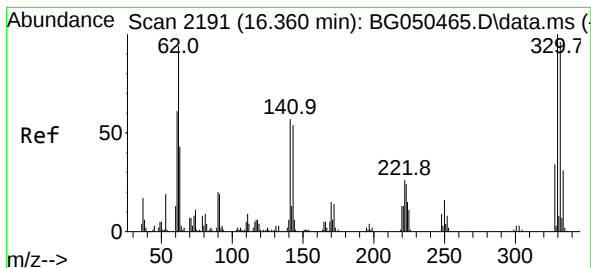
Tgt Ion: 82 Resp: 299989
Ion Ratio Lower Upper
82 100
128 35.6 29.8 44.6
54 51.9 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BG050547.D
Acq: 12 Oct 2021 10:45

Tgt Ion:164 Resp: 112530
Ion Ratio Lower Upper
164 100
162 102.1 81.4 122.0
160 44.0 34.9 52.3

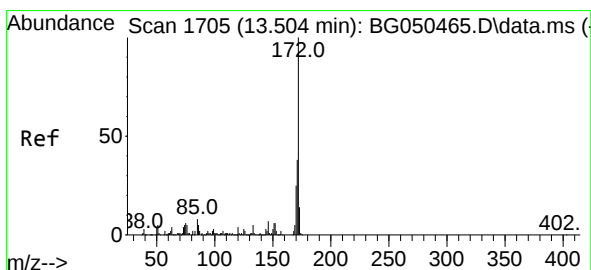
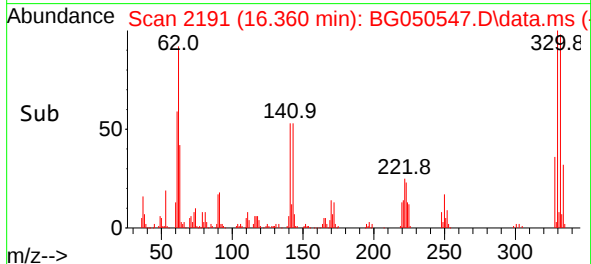
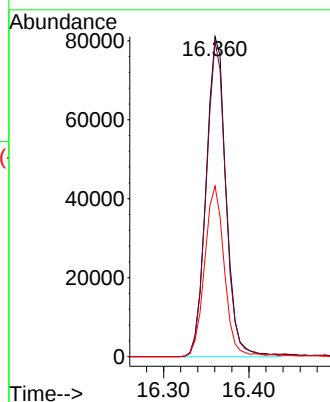
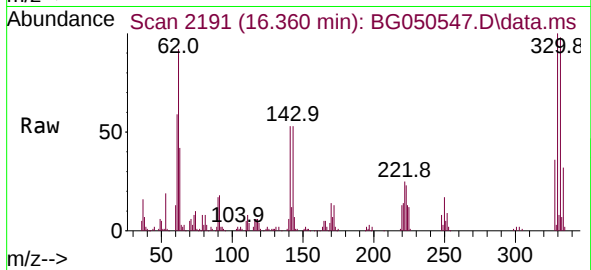




#42
2,4,6-Tribromophenol
Concen: 122.525 ng
RT: 16.360 min Scan# 2191
Delta R.T. 0.000 min
Lab File: BG050547.D
Acq: 12 Oct 2021 10:45

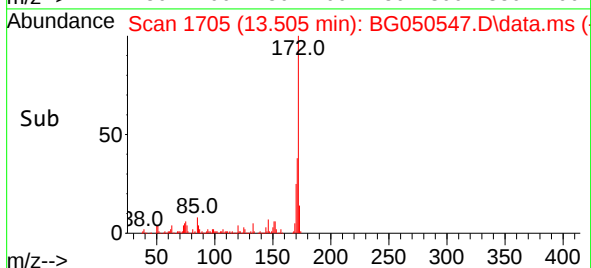
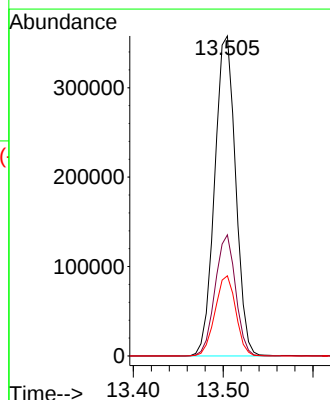
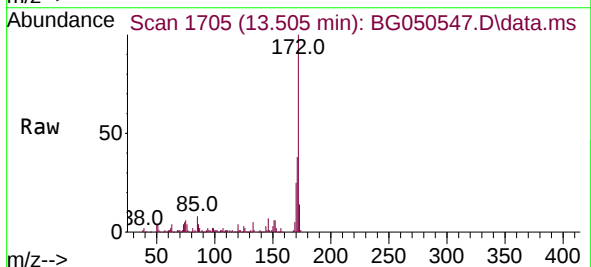
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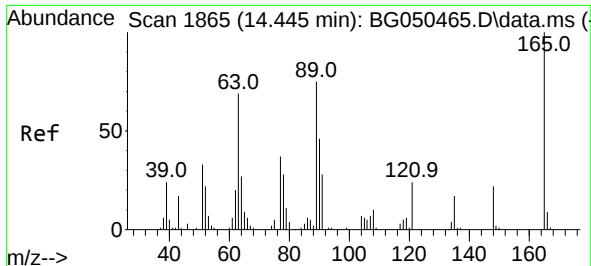
Tgt Ion:330 Resp: 131511
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 53.0 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 77.573 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.000 min
Lab File: BG050547.D
Acq: 12 Oct 2021 10:45

Tgt Ion:172 Resp: 580003
Ion Ratio Lower Upper
172 100
171 37.8 28.6 43.0
170 25.0 18.6 27.8

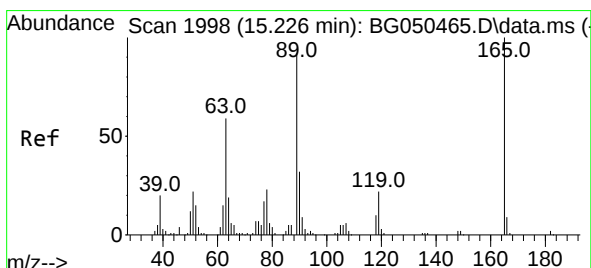
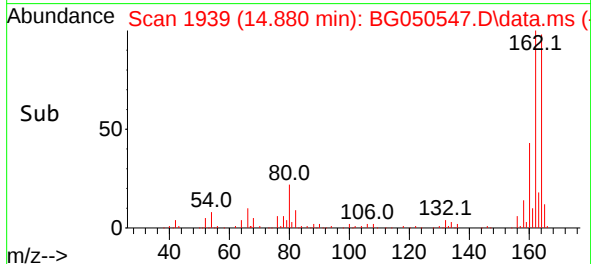
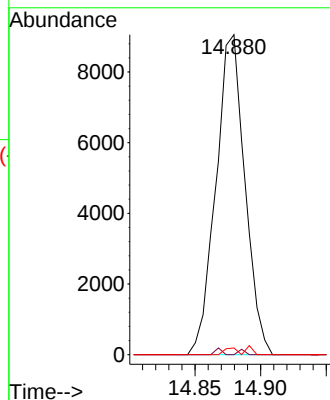
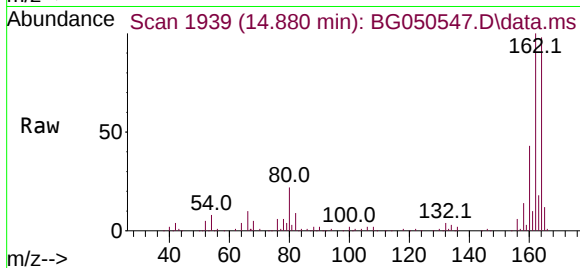




#51
2,6-Dinitrotoluene
Concen: 8.162 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.435 min
Lab File: BG050547.D
Acq: 12 Oct 2021 10:45

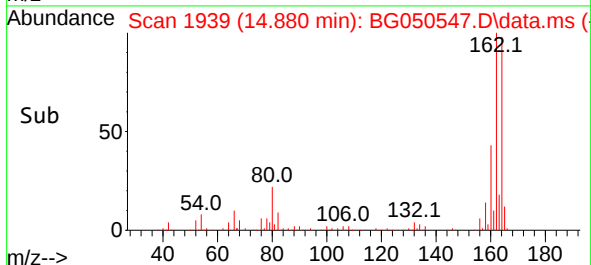
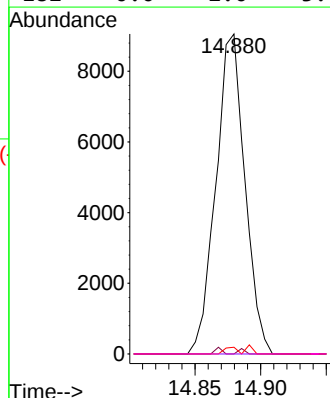
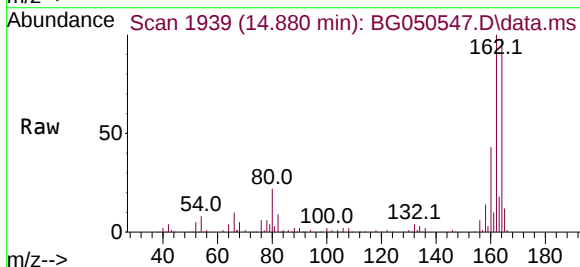
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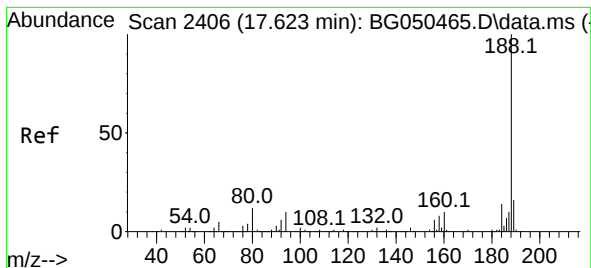
Tgt Ion:165 Resp: 13905
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 2.1 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 5.791 ng
RT: 14.880 min Scan# 1939
Delta R.T. -0.346 min
Lab File: BG050547.D
Acq: 12 Oct 2021 10:45

Tgt Ion:165 Resp: 13905
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 2.1 65.4 98.0#
182 0.0 2.0 3.0#

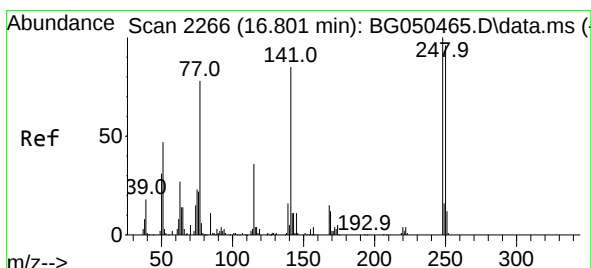
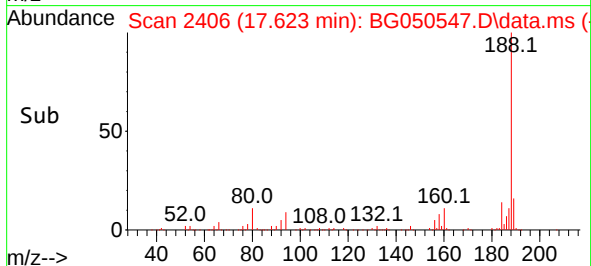
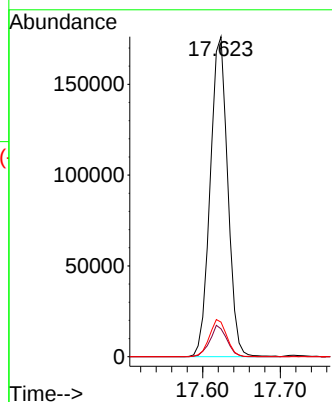
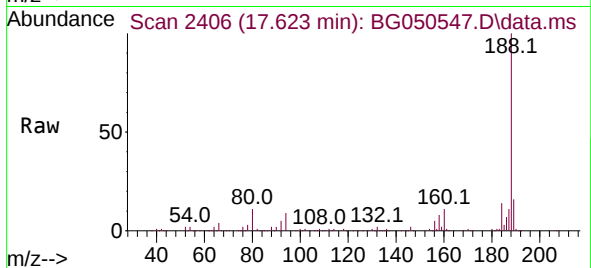




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.623 min Scan# 2406
Delta R.T. 0.000 min
Lab File: BG050547.D
Acq: 12 Oct 2021 10:45

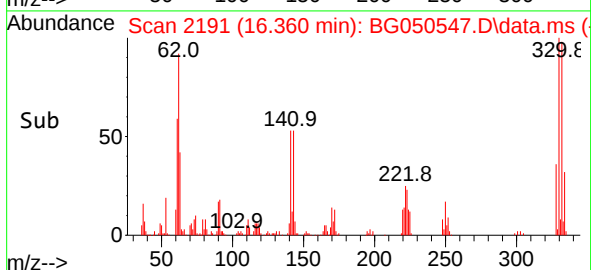
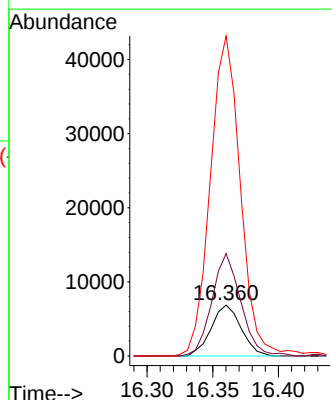
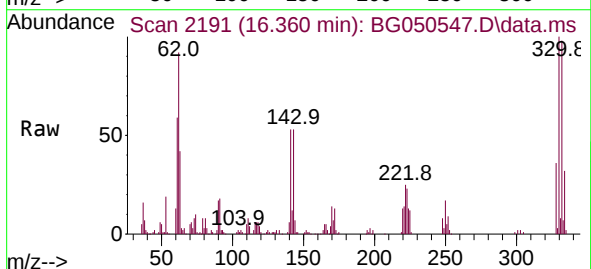
Instrument :
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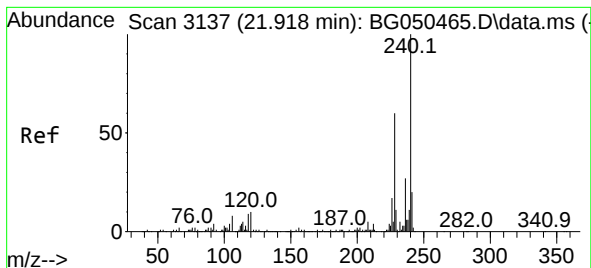
Tgt Ion:188 Resp: 276373
Ion Ratio Lower Upper
188 100
94 8.7 5.4 8.0#
80 10.8 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.913 ng
RT: 16.360 min Scan# 2191
Delta R.T. -0.440 min
Lab File: BG050547.D
Acq: 12 Oct 2021 10:45

Tgt Ion:248 Resp: 10898
Ion Ratio Lower Upper
248 100
250 201.3 76.1 114.1#
141 629.1 65.4 98.2#

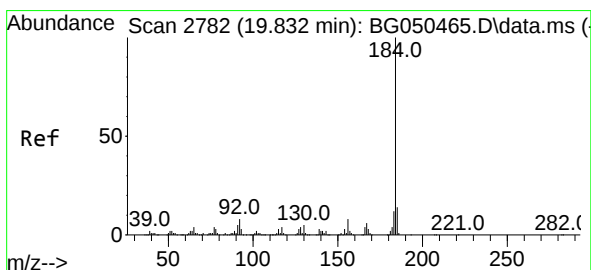
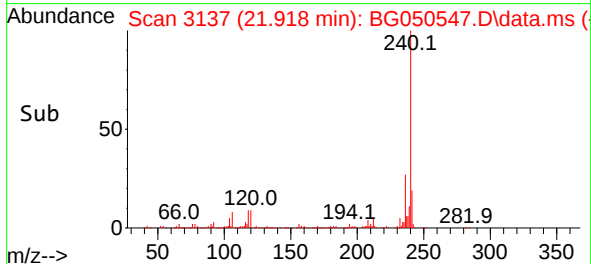
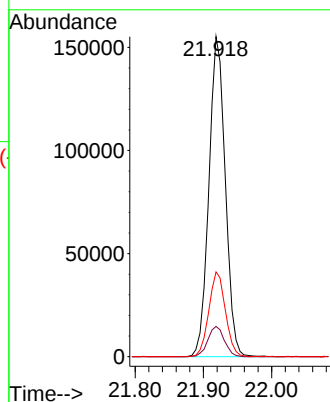
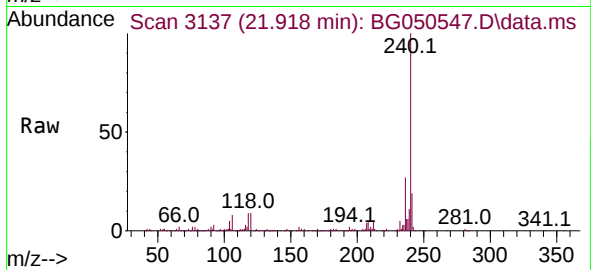




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.918 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BG050547.D
Acq: 12 Oct 2021 10:45

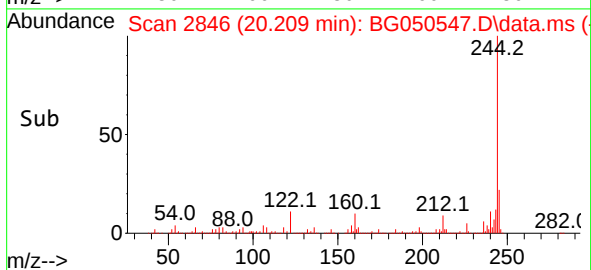
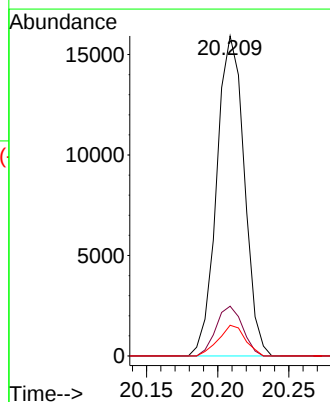
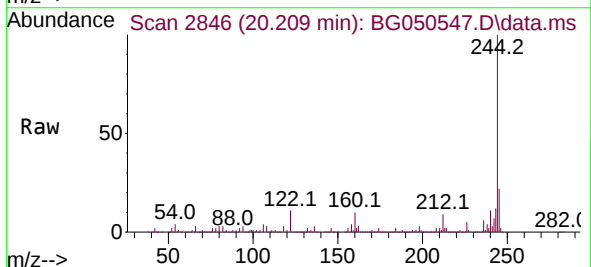
Instrument :
BNA_G
ClientSampleId :
PB139804TB

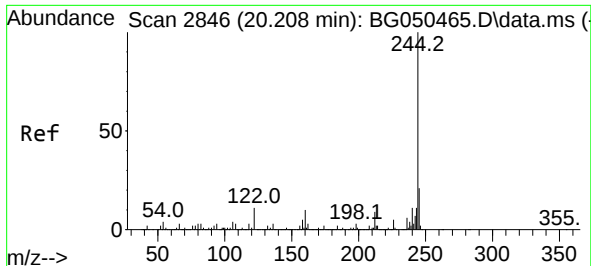
Tgt Ion:240 Resp: 259278
Ion Ratio Lower Upper
240 100
120 9.4 4.2 6.2#
236 26.5 21.8 32.6



#77
Benzidine
Concen: 2.553 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.376 min
Lab File: BG050547.D
Acq: 12 Oct 2021 10:45

Tgt Ion:184 Resp: 21457
Ion Ratio Lower Upper
184 100
185 15.6 10.7 16.1
183 9.6 9.4 14.0

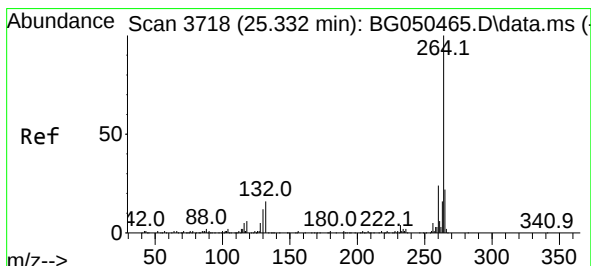
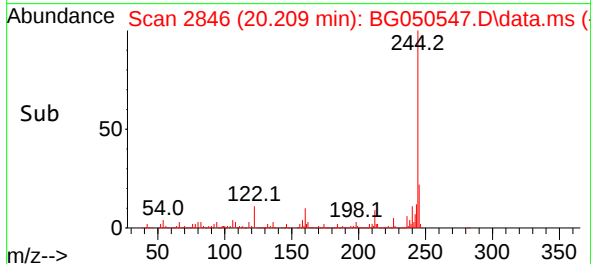
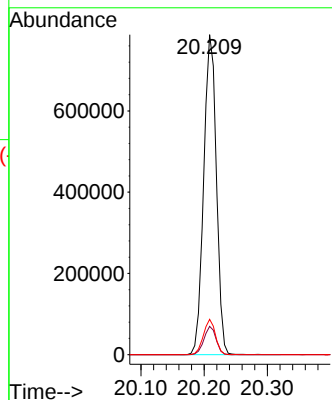
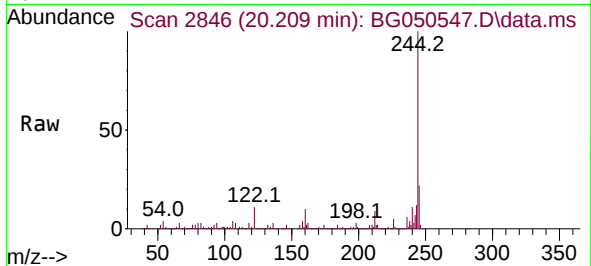




#79
Terphenyl-d14
Concen: 82.277 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.000 min
Lab File: BG050547.D
Acq: 12 Oct 2021 10:45

Instrument :
BNA_G
ClientSampleId :
PB139804TB

Tgt Ion:244 Resp: 1094644
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 11.0 5.0 7.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.338 min Scan# 3719
Delta R.T. 0.006 min
Lab File: BG050547.D
Acq: 12 Oct 2021 10:45

Tgt Ion:264 Resp: 257028
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 20.8 16.9 25.3

