

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
 Data File : BG050548.D
 Acq On : 12 Oct 2021 11:37
 Operator : CG/JU
 Sample : M4154-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SW-CB-31

Quant Time: Oct 12 12:54:44 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)

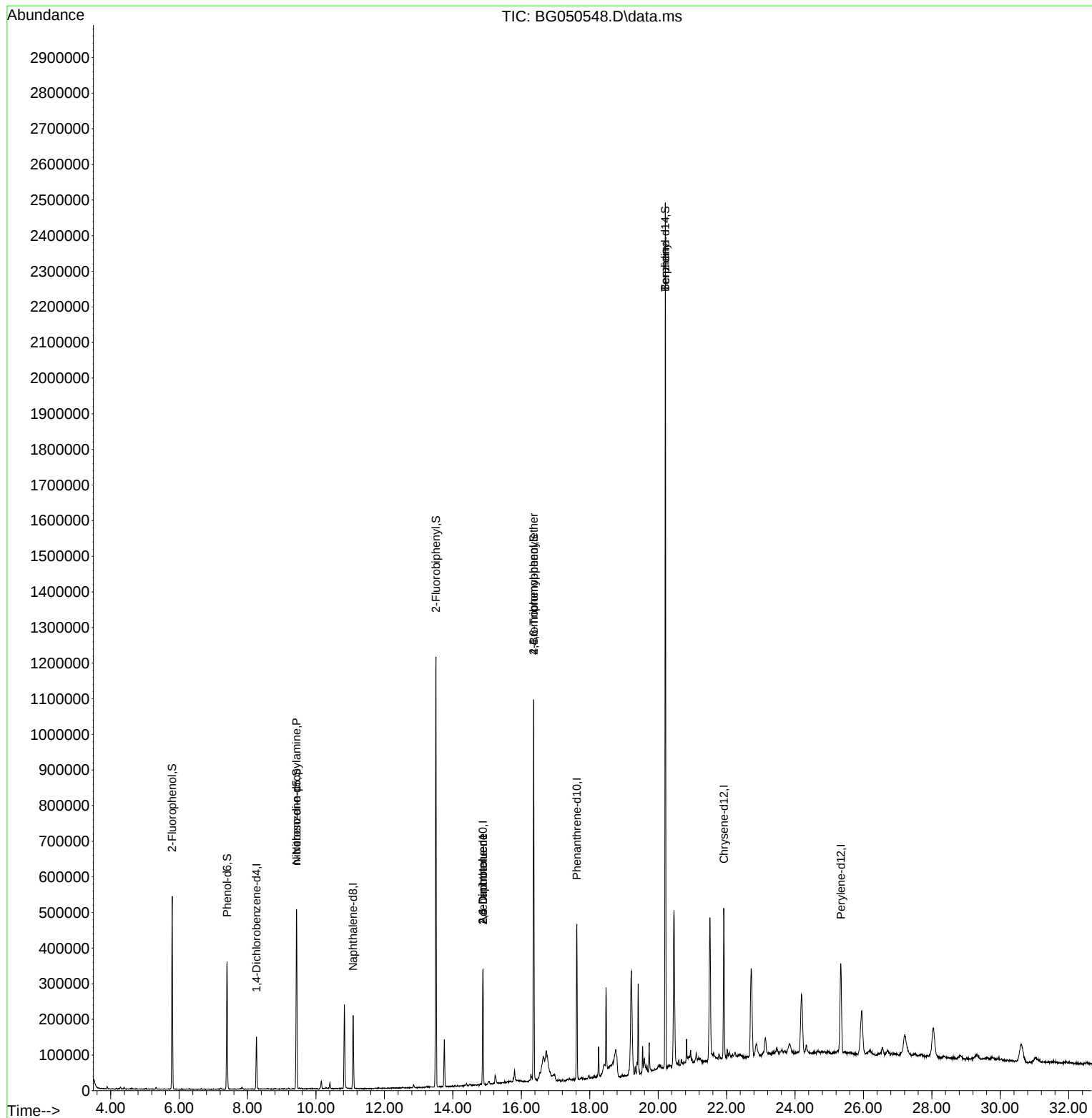
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.258	152	38615	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	166042	20.000	ng	# 0.00
39) Acenaphthene-d10	14.880	164	114107	20.000	ng	0.00
64) Phenanthrene-d10	17.624	188	267067	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	257339	20.000	ng	# 0.00
86) Perylene-d12	25.338	264	258926	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	220941	85.569	ng	0.00
7) Phenol-d6	7.401	99	201236	53.831	ng	0.00
23) Nitrobenzene-d5	9.428	82	330074	82.290	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	151719	139.399	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	597757	78.842	ng	0.00
79) Terphenyl-d14	20.209	244	1042676	78.962	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.383	77	362	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.434	70	48637	17.850	ng	# 70
51) 2,6-Dinitrotoluene	14.880	165	15339	8.879	ng	# 13
57) 2,4-Dinitrotoluene	14.880	165	15338	6.299	ng	# 18
67) 4-Bromophenyl-phenylether	16.361	248	12259	4.555	ng	# 1
77) Benzidine	20.209	184	21657	2.597	ng	# 90

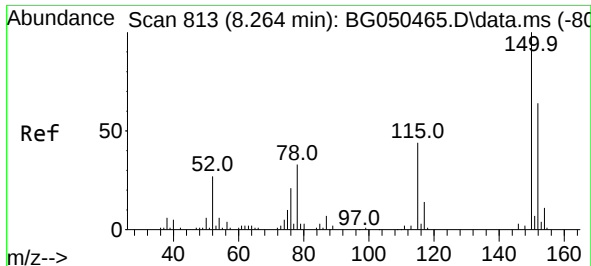
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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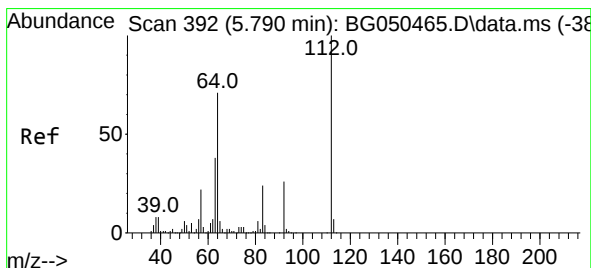
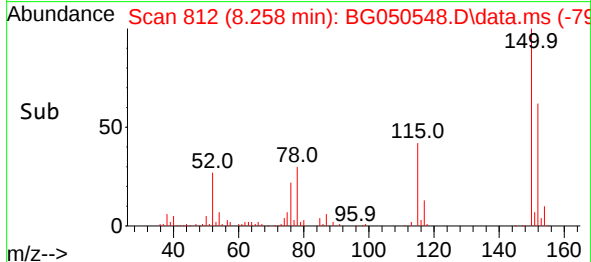
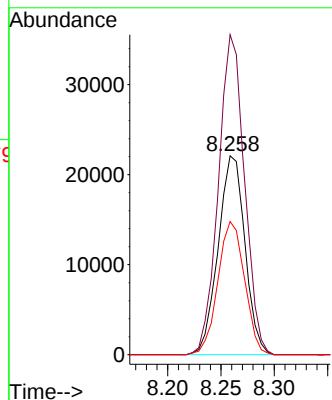
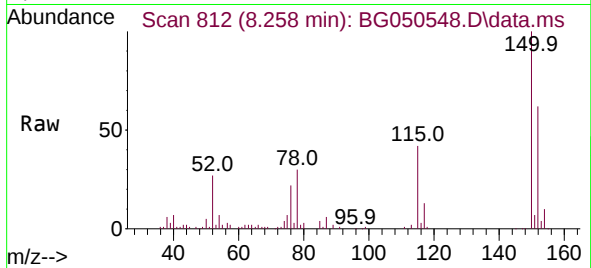




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.258 min Scan# 812
Delta R.T. -0.006 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

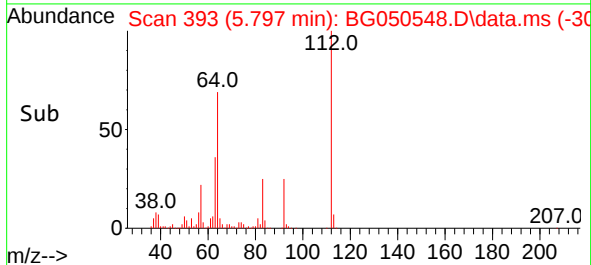
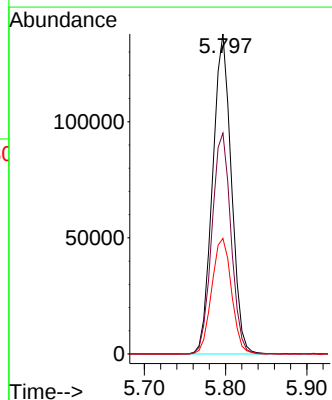
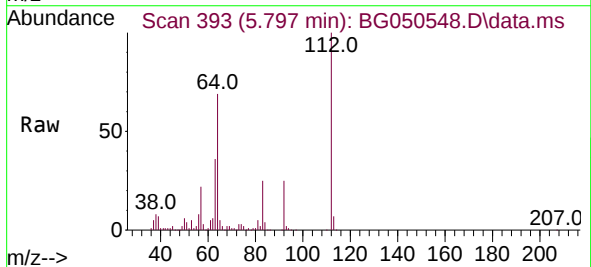
Instrument :
BNA_G
ClientSampleId :
SW-CB-31

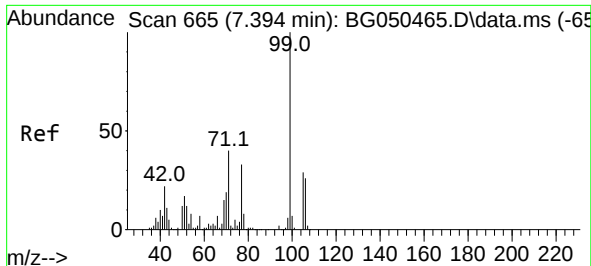
Tgt Ion:152 Resp: 38615
Ion Ratio Lower Upper
152 100
150 161.0 119.4 179.0
115 66.9 60.2 90.4



#5
2-Fluorophenol
Concen: 85.569 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

Tgt Ion:112 Resp: 220941
Ion Ratio Lower Upper
112 100
64 69.1 46.7 70.1
63 36.1 35.3 52.9

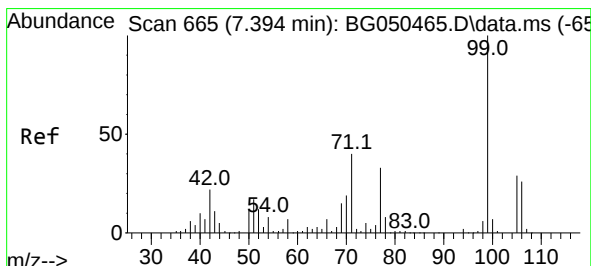
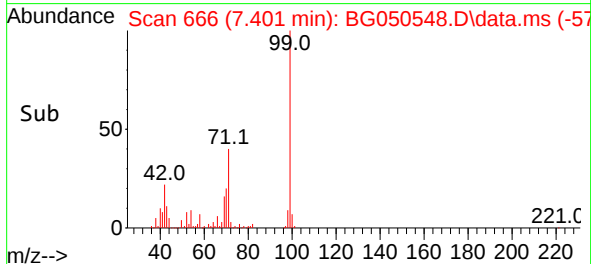
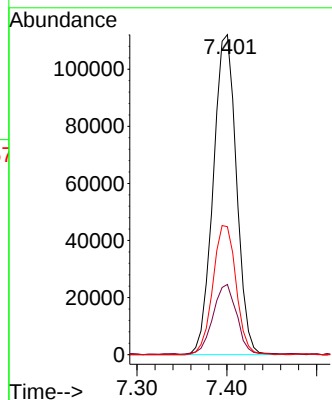
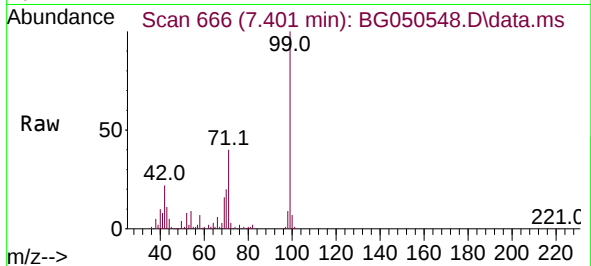




#7
Phenol-d6
Concen: 53.831 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

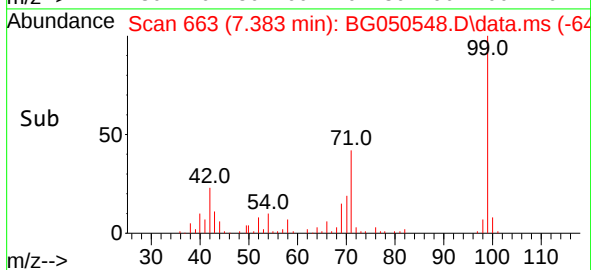
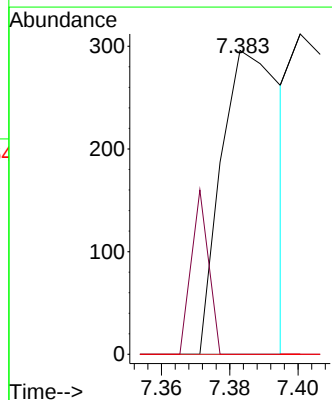
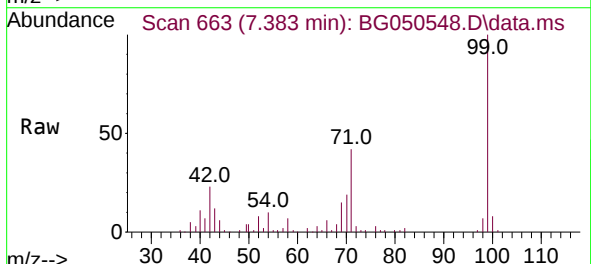
Instrument :
BNA_G
ClientSampled :
SW-CB-31

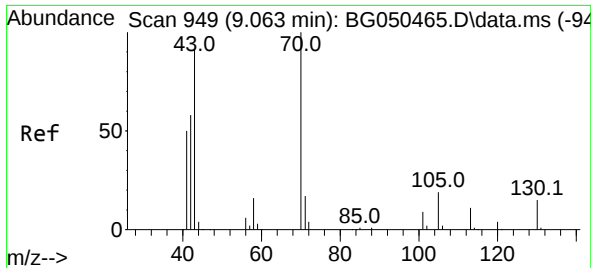
Tgt Ion: 99 Resp: 201236
Ion Ratio Lower Upper
99 100
42 21.9 20.5 30.7
71 40.0 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.383 min Scan# 663
Delta R.T. -0.011 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

Tgt Ion: 77 Resp: 362
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

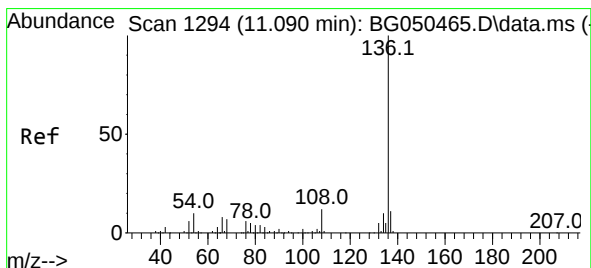
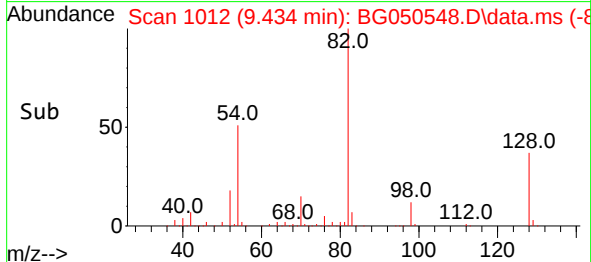
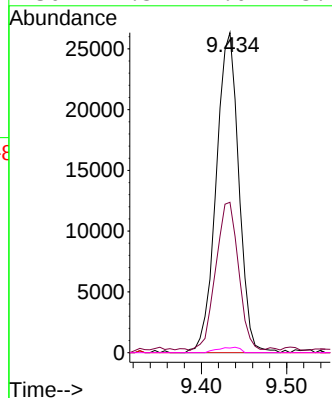
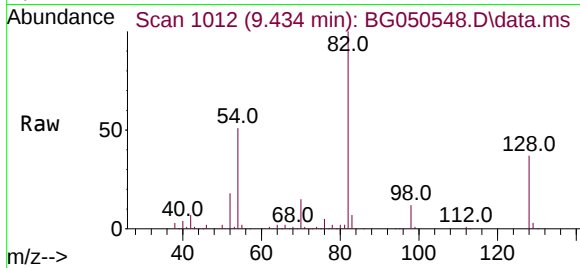




#19
n-Nitroso-di-n-propylamine
Concen: 17.850 ng
RT: 9.434 min Scan# 1012
Delta R.T. 0.371 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

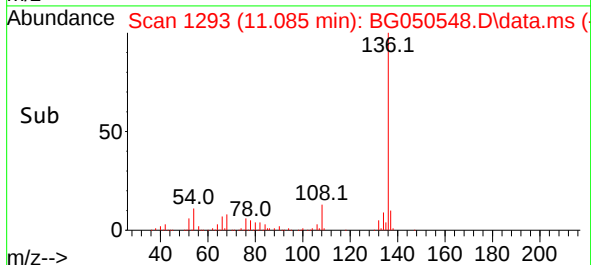
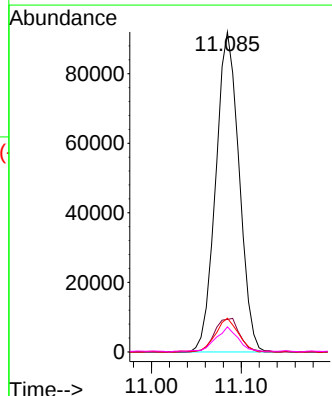
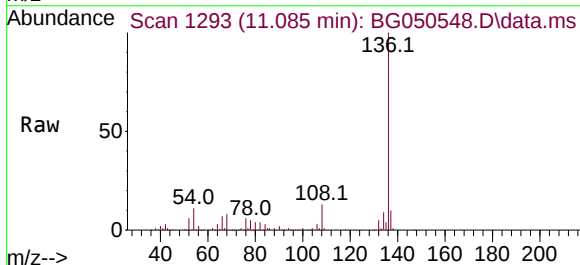
Instrument :
BNA_G
ClientSampleId :
SW-CB-31

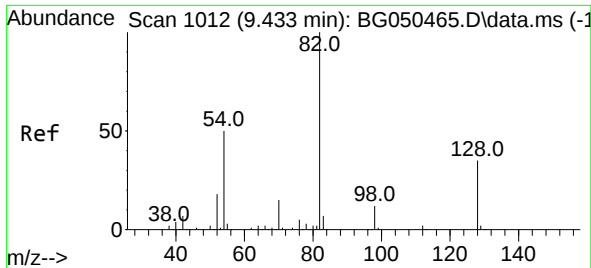
Tgt Ion:	70	Resp:	48637
Ion	Ratio	Lower	Upper
70	100		
42	47.0	54.5	81.7#
101	0.0	9.0	13.6#
130	1.5	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

Tgt Ion:	136	Resp:	166042
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.2	12.2
54	10.6	5.5	8.3#
68	7.8	2.3	3.5#

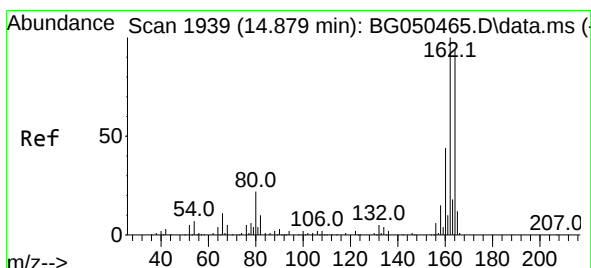
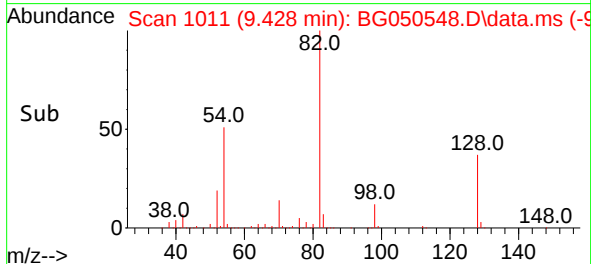
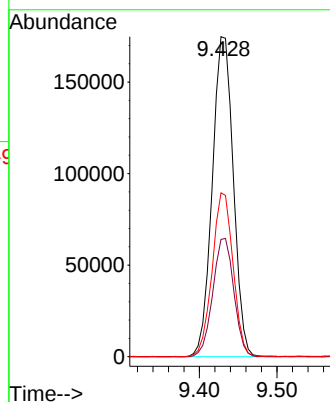
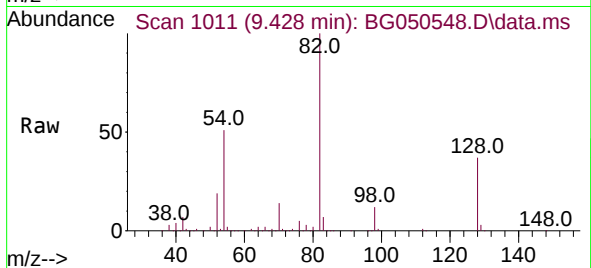




#23
Nitrobenzene-d5
Concen: 82.290 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

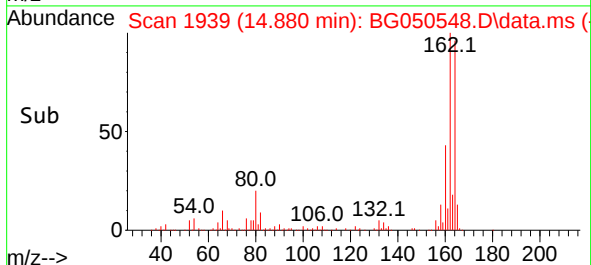
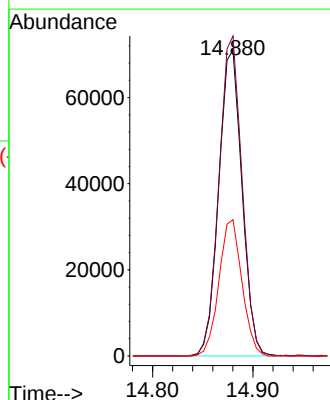
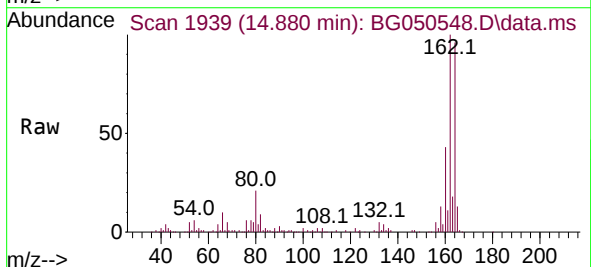
Instrument :
BNA_G
ClientSampleId :
SW-CB-31

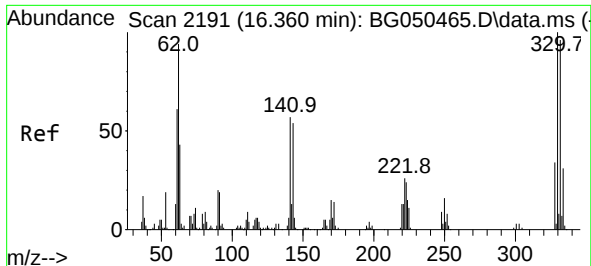
Tgt Ion: 82 Resp: 330074
Ion Ratio Lower Upper
82 100
128 36.7 29.8 44.6
54 51.2 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

Tgt Ion:164 Resp: 114107
Ion Ratio Lower Upper
164 100
162 104.5 81.4 122.0
160 44.5 34.9 52.3

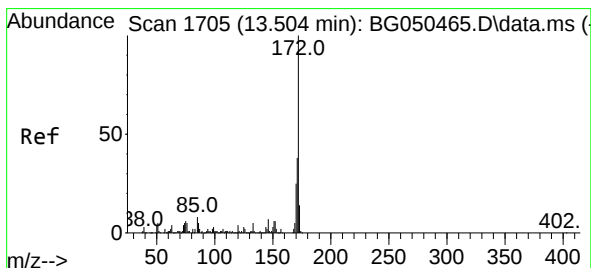
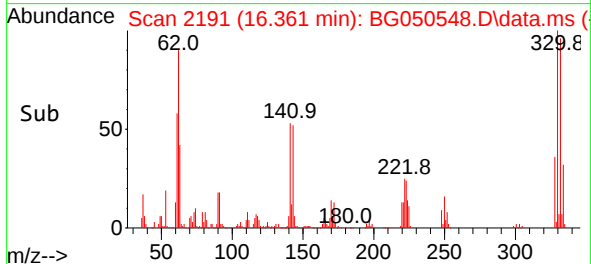
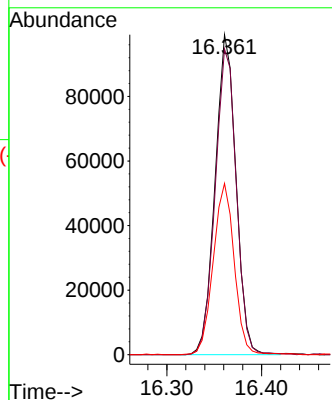
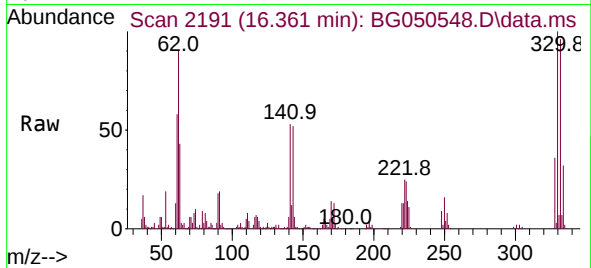




#42
2,4,6-Tribromophenol
Concen: 139.399 ng
RT: 16.361 min Scan# 2191
Delta R.T. 0.001 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

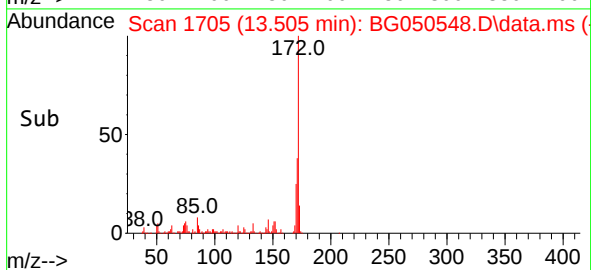
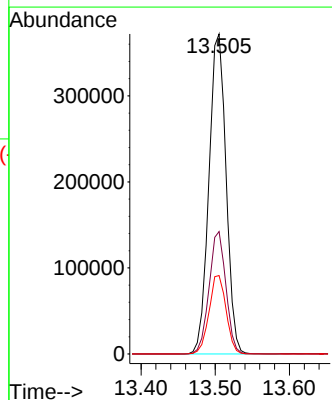
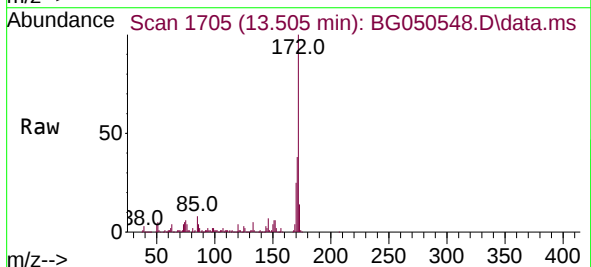
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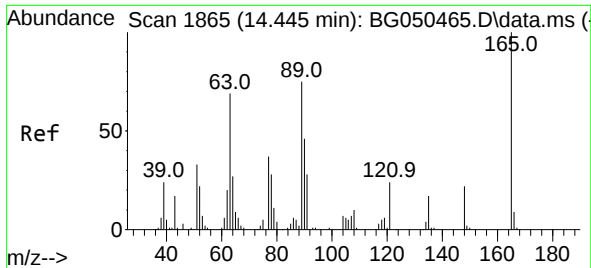
Tgt Ion:330 Resp: 151719
Ion Ratio Lower Upper
330 100
332 96.8 77.3 115.9
141 53.9 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 78.842 ng
RT: 13.505 min Scan# 1705
Delta R.T. 0.001 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

Tgt Ion:172 Resp: 597757
Ion Ratio Lower Upper
172 100
171 38.3 28.6 43.0
170 24.5 18.6 27.8

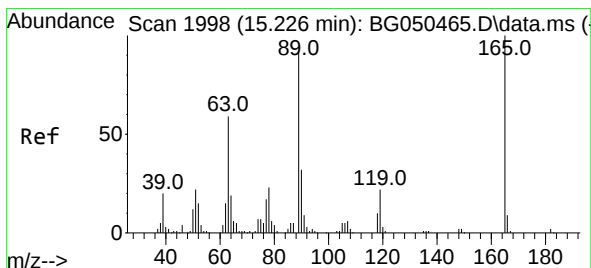
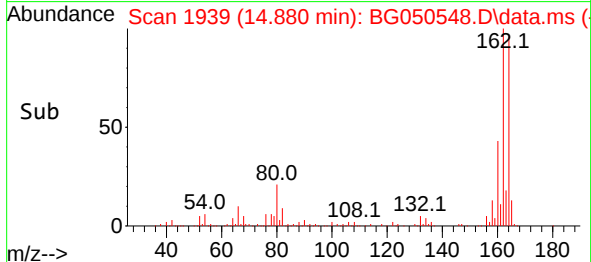
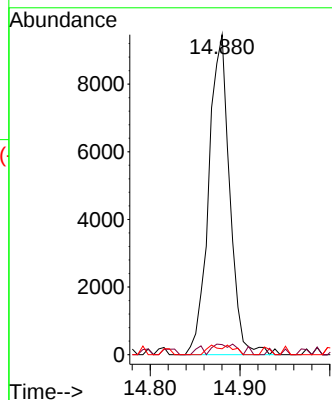
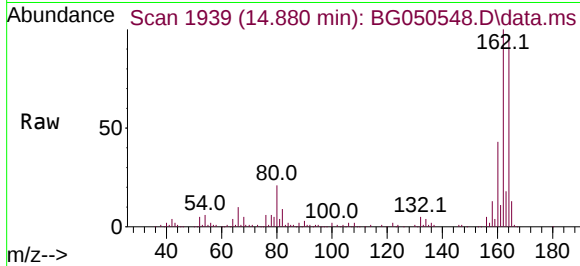




#51
2,6-Dinitrotoluene
Concen: 8.879 ng
RT: 14.880 min Scan# 1939
Delta R.T. 0.436 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

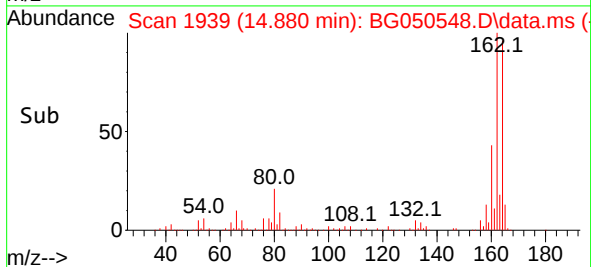
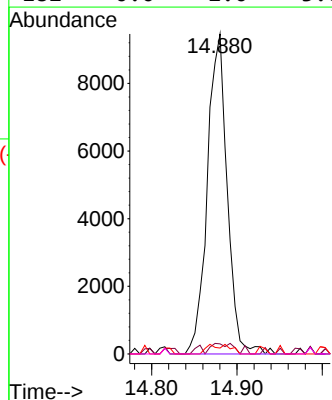
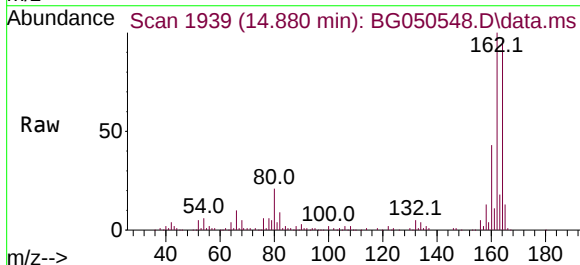
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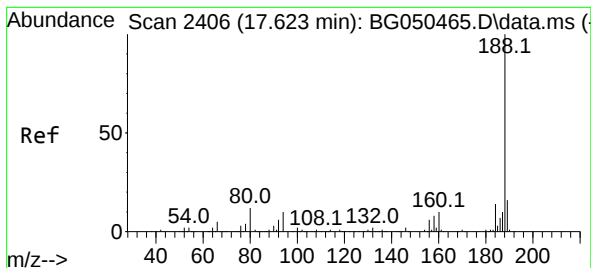
Tgt Ion:165 Resp: 15339
Ion Ratio Lower Upper
165 100
63 3.1 63.3 94.9#
89 1.8 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.299 ng
RT: 14.880 min Scan# 1939
Delta R.T. -0.346 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

Tgt Ion:165 Resp: 15338
Ion Ratio Lower Upper
165 100
63 3.1 48.0 72.0#
89 1.8 65.4 98.0#
182 0.0 2.0 3.0#

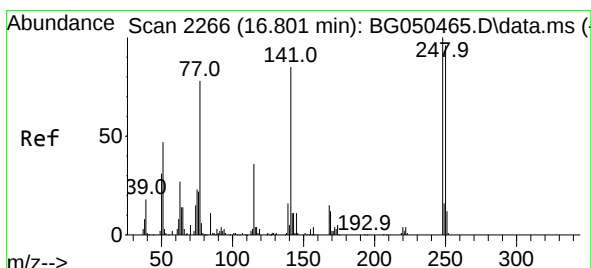
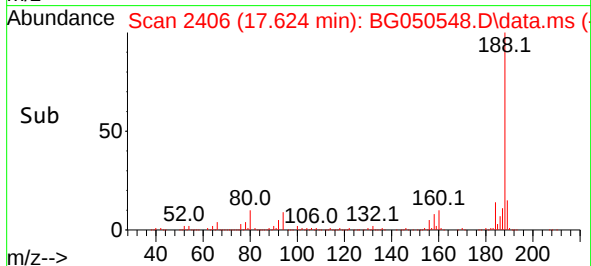
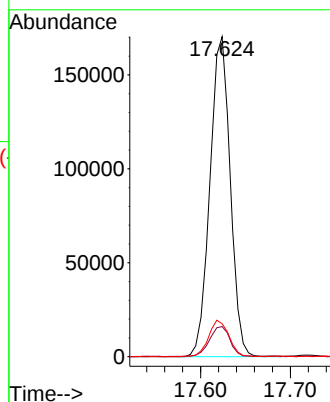
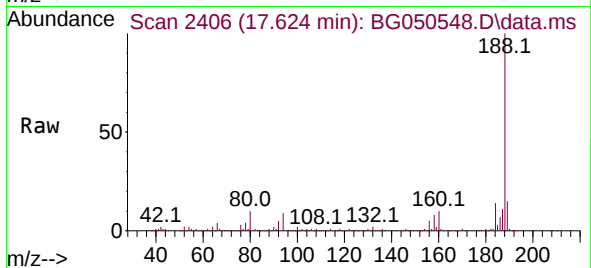




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.624 min Scan# 2406
Delta R.T. 0.001 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

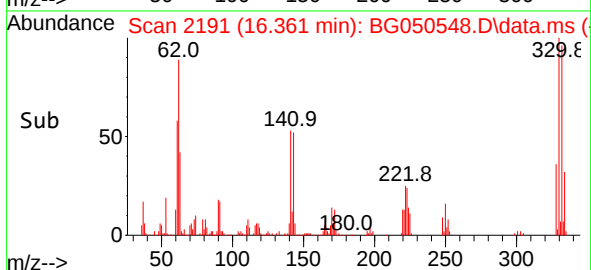
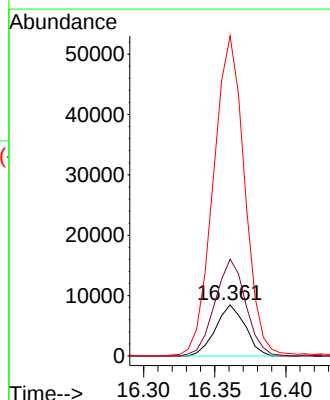
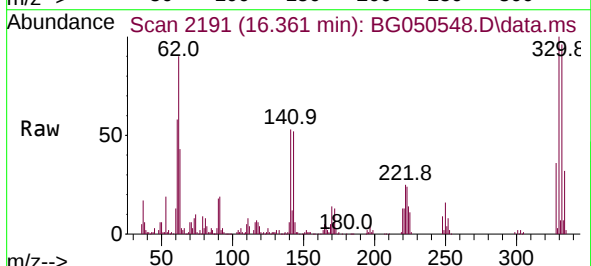
Instrument :
BNA_G
ClientSampleId :
SW-CB-31

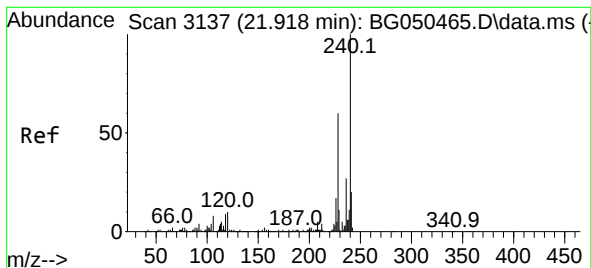
Tgt Ion:188 Resp: 267067
Ion Ratio Lower Upper
188 100
94 9.4 5.4 8.0#
80 10.3 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 4.555 ng
RT: 16.361 min Scan# 2191
Delta R.T. -0.440 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

Tgt Ion:248 Resp: 12259
Ion Ratio Lower Upper
248 100
250 189.7 76.1 114.1#
141 626.6 65.4 98.2#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.919 min Scan# 3137

Delta R.T. 0.001 min

Lab File: BG050548.D

Acq: 12 Oct 2021 11:37

Tgt Ion:240 Resp: 257339

Ion Ratio Lower Upper

240 100

120 9.0 4.2 6.2#

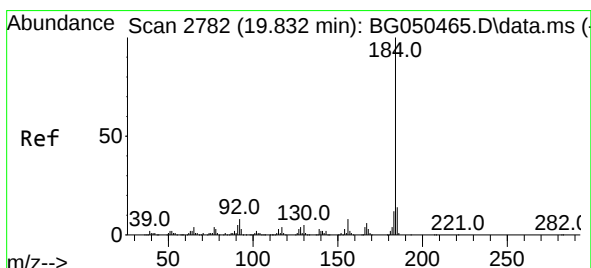
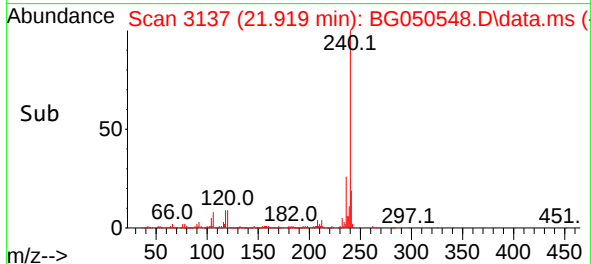
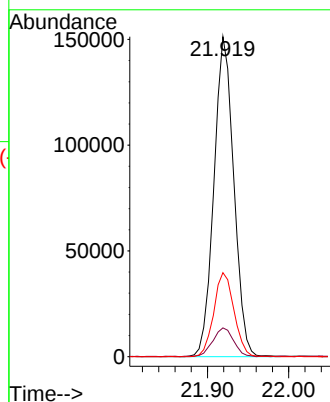
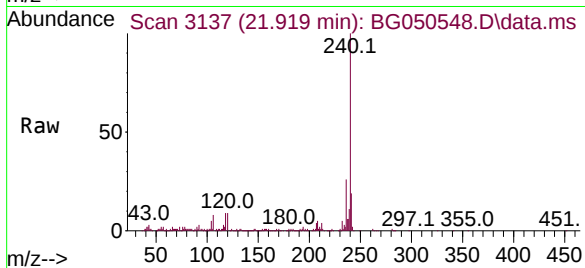
236 26.2 21.8 32.6

Instrument :

BNA_G

ClientSampled :

SW-CB-31



#77

Benzidine

Concen: 2.597 ng

RT: 20.209 min Scan# 2846

Delta R.T. 0.377 min

Lab File: BG050548.D

Acq: 12 Oct 2021 11:37

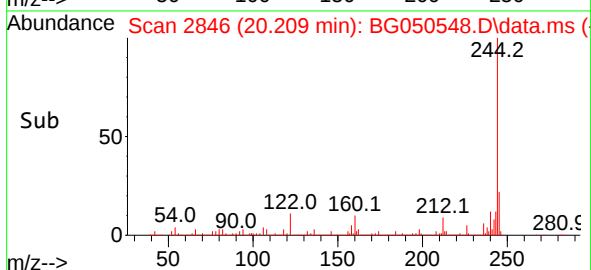
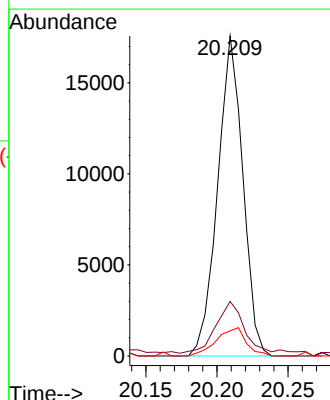
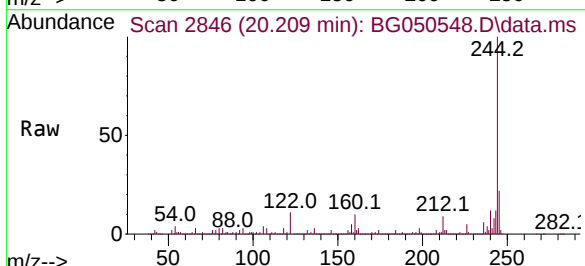
Tgt Ion:184 Resp: 21657

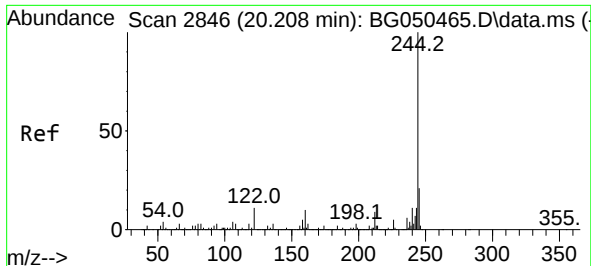
Ion Ratio Lower Upper

184 100

185 17.0 10.7 16.1#

183 7.8 9.4 14.0#

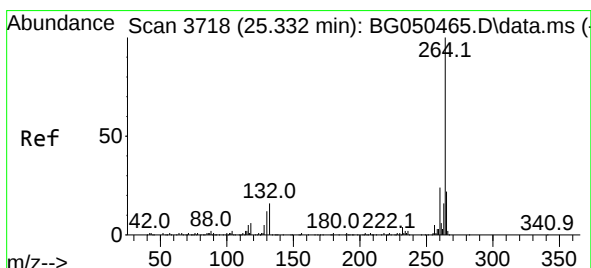
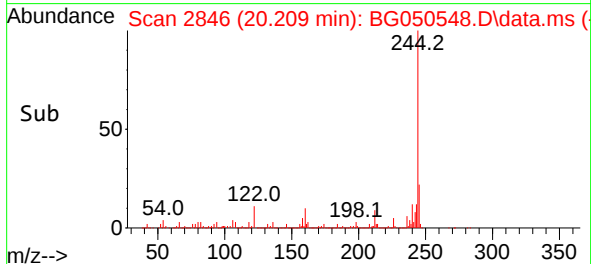
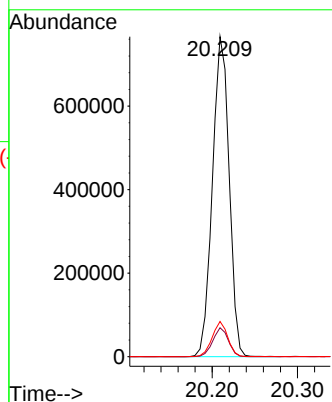
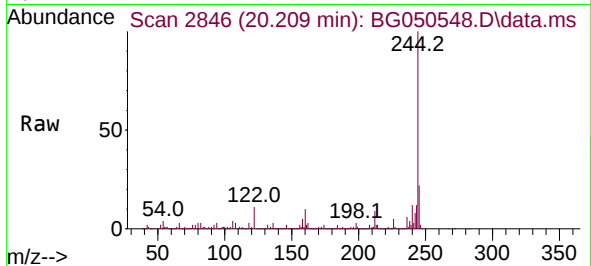




#79
Terphenyl-d14
Concen: 78.962 ng
RT: 20.209 min Scan# 2846
Delta R.T. 0.001 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

Instrument :
BNA_G
ClientSampleId :
SW-CB-31

Tgt Ion:244 Resp: 1042676
Ion Ratio Lower Upper
244 100
212 9.1 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. 0.007 min
Lab File: BG050548.D
Acq: 12 Oct 2021 11:37

Tgt Ion:264 Resp: 258926
Ion Ratio Lower Upper
264 100
260 24.8 19.4 29.2
265 21.3 16.9 25.3

