

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101121\
 Data File : BG050532.D
 Acq On : 11 Oct 2021 10:30
 Operator : CG/JU
 Sample : PB139623BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB139740BL

Quant Time: Oct 11 11:32:45 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)

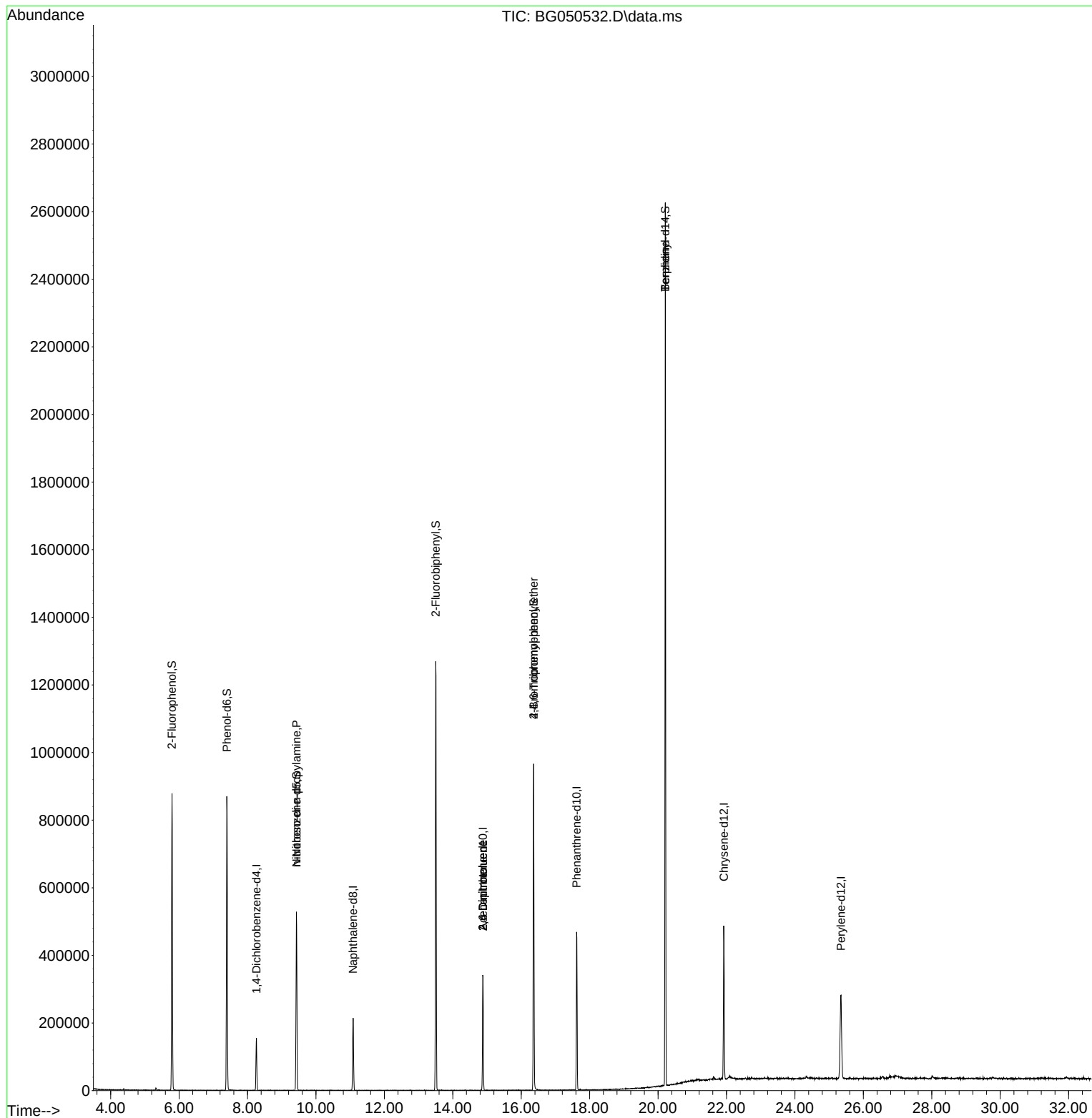
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.262	152	40423	20.000	ng	0.00
21) Naphthalene-d8	11.088	136	177146	20.000	ng	# 0.00
39) Acenaphthene-d10	14.877	164	121321	20.000	ng	0.00
64) Phenanthrene-d10	17.621	188	287715	20.000	ng	# 0.00
76) Chrysene-d12	21.922	240	268709	20.000	ng	# 0.00
86) Perylene-d12	25.342	264	260947	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.794	112	360524	133.384	ng	0.00
7) Phenol-d6	7.398	99	484513	123.811	ng	0.00
23) Nitrobenzene-d5	9.431	82	341763	79.864	ng	0.00
42) 2,4,6-Tribromophenol	16.364	330	138715	119.872	ng	0.00
45) 2-Fluorobiphenyl	13.502	172	640885	79.504	ng	0.00
79) Terphenyl-d14	20.212	244	1110538	80.542	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	7.404	77	1076	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.431	70	48105	16.865	ng	# 74
51) 2,6-Dinitrotoluene	14.877	165	15847	8.628	ng	# 10
57) 2,4-Dinitrotoluene	14.877	165	15847	6.121	ng	# 15
67) 4-Bromophenyl-phenylether	16.364	248	11581	3.994	ng	# 1
77) Benzidine	20.212	184	21617	2.482	ng	# 91

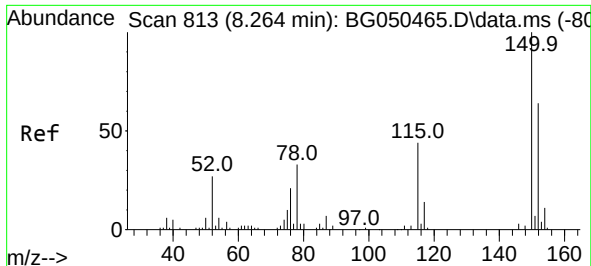
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101121\
Data File : BG050532.D
Acq On : 11 Oct 2021 10:30
Operator : CG/JU
Sample : PB139623BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139740BL

Quant Time: Oct 11 11:32:45 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

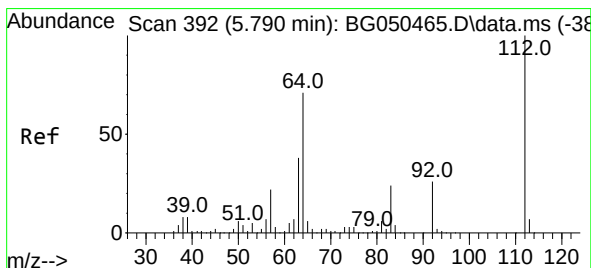
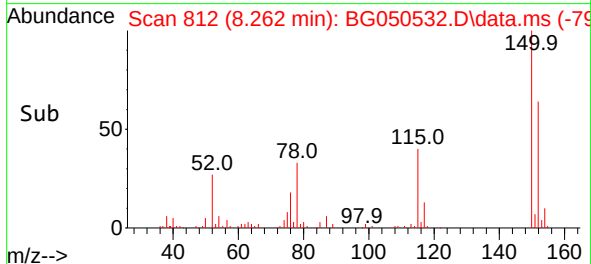
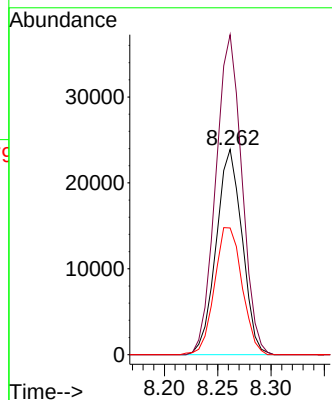
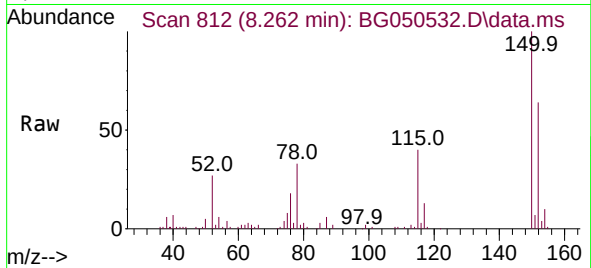




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.262 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG050532.D
Acq: 11 Oct 2021 10:30

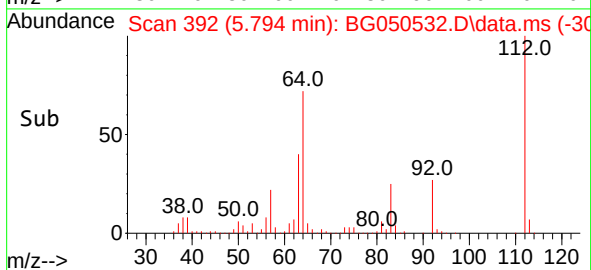
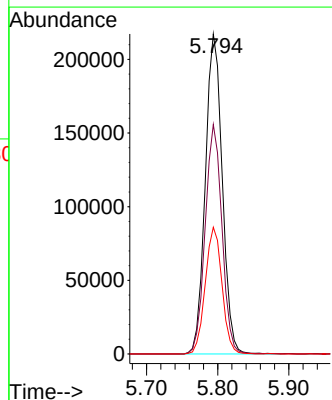
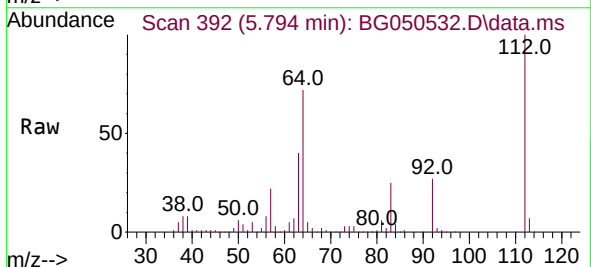
Instrument :
BNA_G
ClientSampleId :
PB139740BL

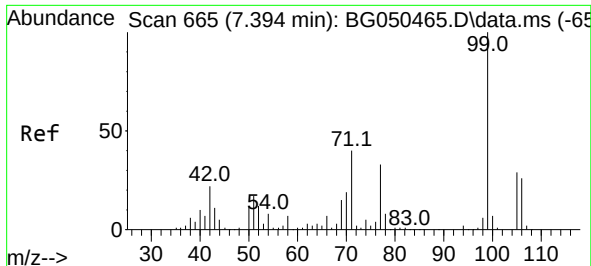
Tgt Ion:152 Resp: 40423
Ion Ratio Lower Upper
152 100
150 155.9 119.4 179.0
115 61.8 60.2 90.4



#5
2-Fluorophenol
Concen: 133.384 ng
RT: 5.794 min Scan# 392
Delta R.T. 0.004 min
Lab File: BG050532.D
Acq: 11 Oct 2021 10:30

Tgt Ion:112 Resp: 360524
Ion Ratio Lower Upper
112 100
64 71.7 46.7 70.1#
63 39.6 35.3 52.9

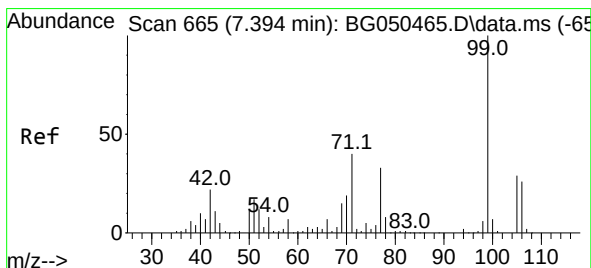
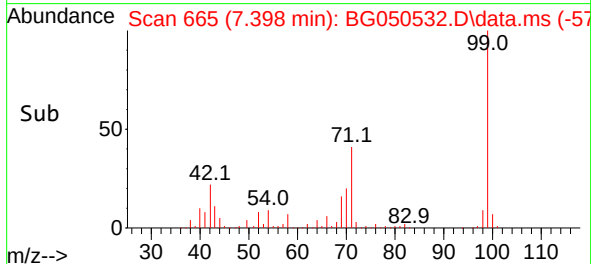
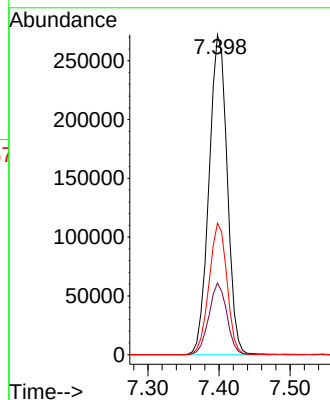
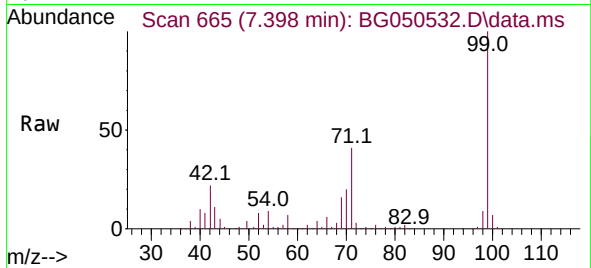




#7
Phenol-d6
Concen: 123.811 ng
RT: 7.398 min Scan# 665
Delta R.T. 0.004 min
Lab File: BG050532.D
Acq: 11 Oct 2021 10:30

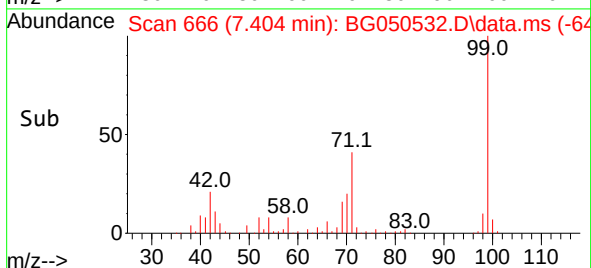
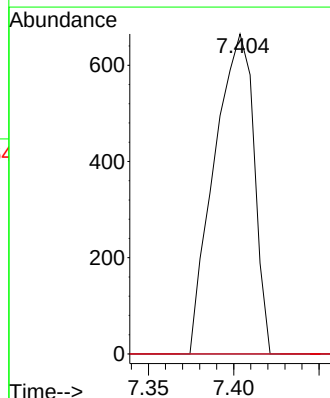
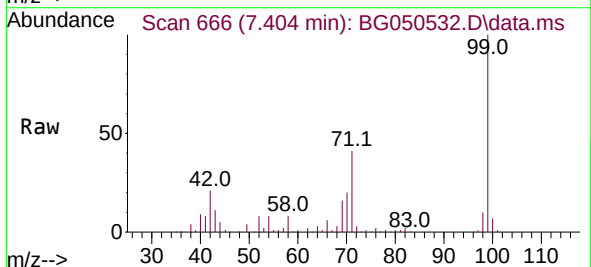
Instrument :
BNA_G
ClientSampleId :
PB139740BL

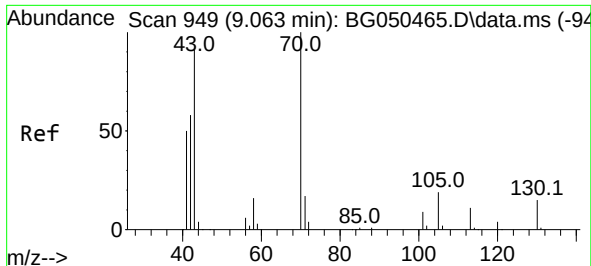
Tgt Ion: 99 Resp: 484513
Ion Ratio Lower Upper
99 100
42 22.4 20.5 30.7
71 41.1 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.404 min Scan# 666
Delta R.T. 0.010 min
Lab File: BG050532.D
Acq: 11 Oct 2021 10:30

Tgt Ion: 77 Resp: 1076
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

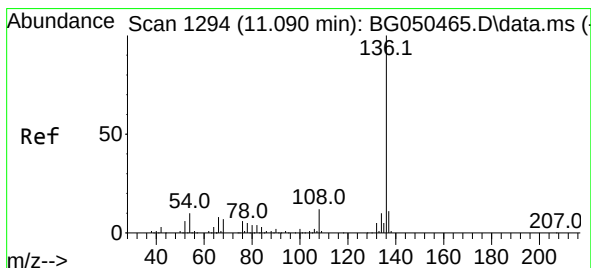
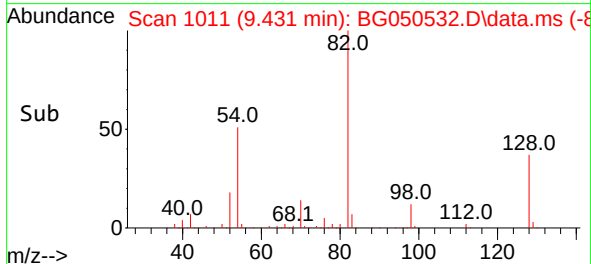
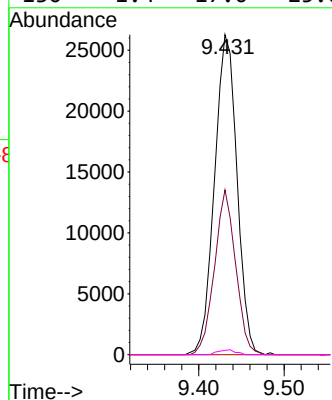
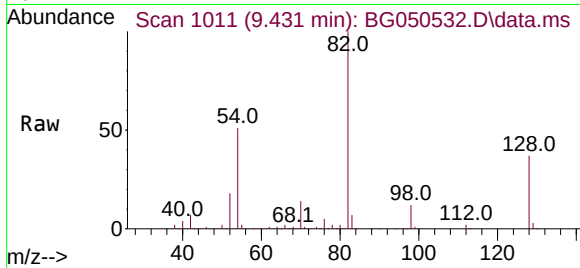




#19
n-Nitroso-di-n-propylamine
Concen: 16.865 ng
RT: 9.431 min Scan# 1011
Delta R.T. 0.368 min
Lab File: BG050532.D
Acq: 11 Oct 2021 10:30

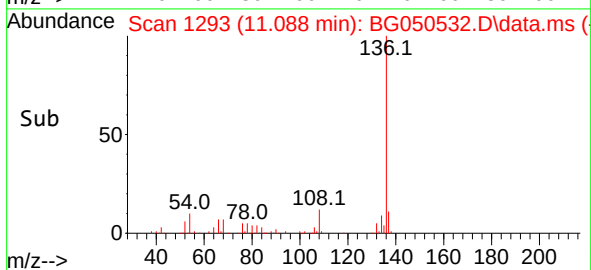
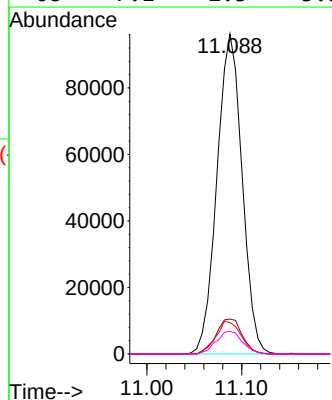
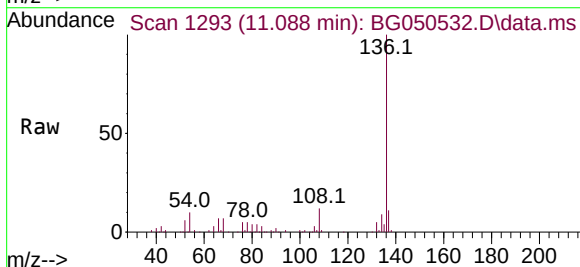
Instrument :
BNA_G
ClientSampleId :
PB139740BL

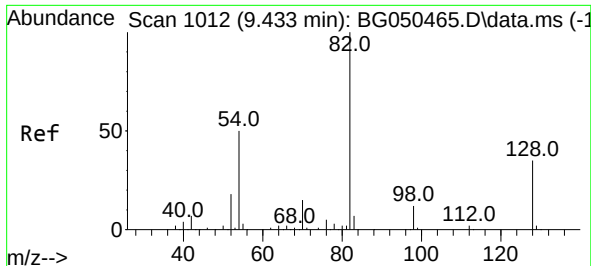
Tgt Ion: 70 Resp: 48105
Ion Ratio Lower Upper
70 100
42 51.5 54.5 81.7#
101 0.0 9.0 13.6#
130 1.4 17.0 25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.088 min Scan# 1293
Delta R.T. -0.002 min
Lab File: BG050532.D
Acq: 11 Oct 2021 10:30

Tgt Ion:136 Resp: 177146
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 9.8 5.5 8.3#
68 7.1 2.3 3.5#

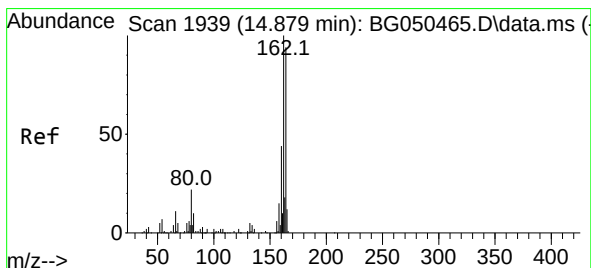
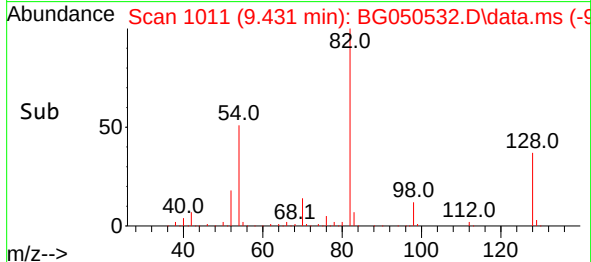
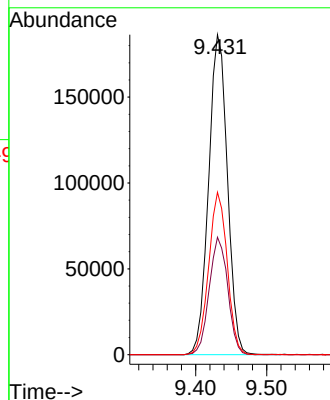
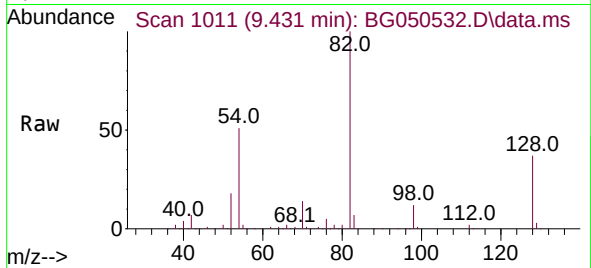




#23
Nitrobenzene-d5
Concen: 79.864 ng
RT: 9.431 min Scan# 1011
Delta R.T. -0.002 min
Lab File: BG050532.D
Acq: 11 Oct 2021 10:30

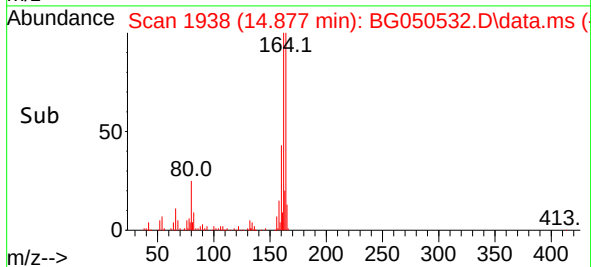
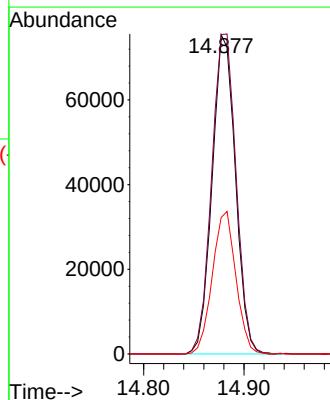
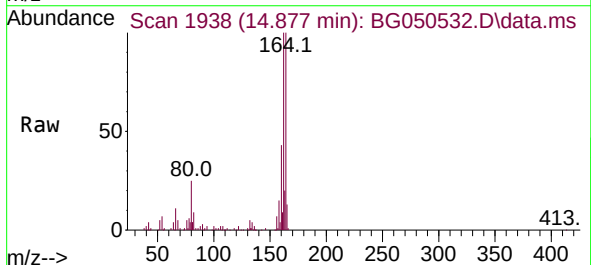
Instrument :
BNA_G
ClientSampleId :
PB139740BL

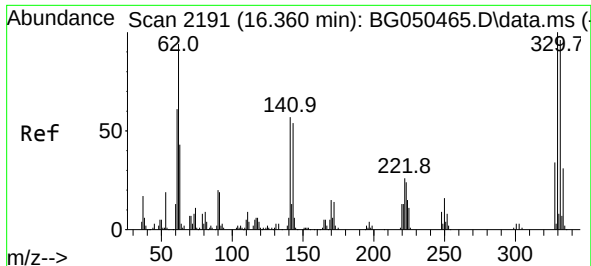
Tgt Ion: 82 Resp: 341763
Ion Ratio Lower Upper
82 100
128 36.7 29.8 44.6
54 50.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.002 min
Lab File: BG050532.D
Acq: 11 Oct 2021 10:30

Tgt Ion:164 Resp: 121321
Ion Ratio Lower Upper
164 100
162 100.0 81.4 122.0
160 42.8 34.9 52.3

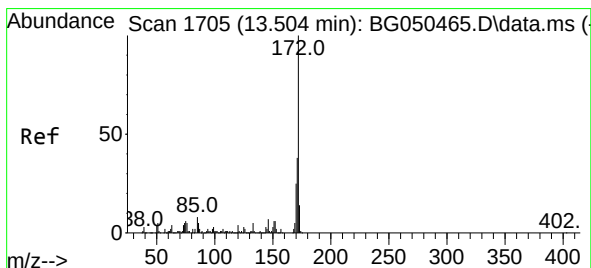
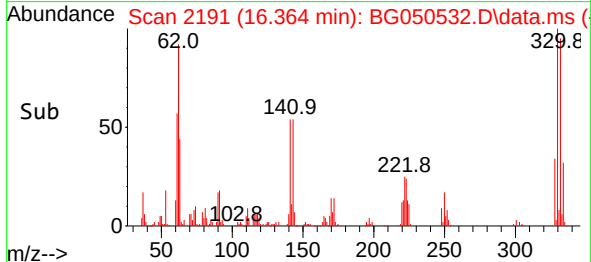
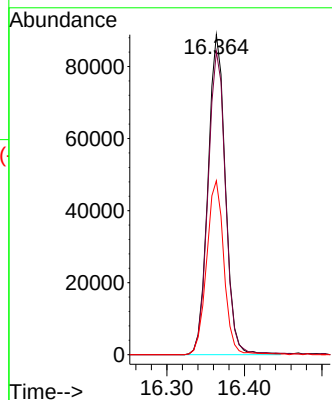
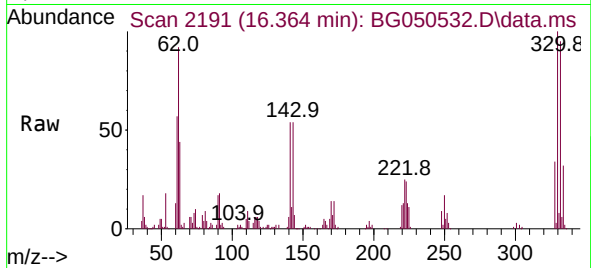




#42
2,4,6-Tribromophenol
Concen: 119.872 ng
RT: 16.364 min Scan# 2191
Delta R.T. 0.004 min
Lab File: BG050532.D
Acq: 11 Oct 2021 10:30

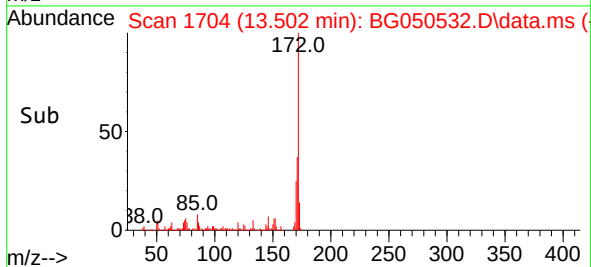
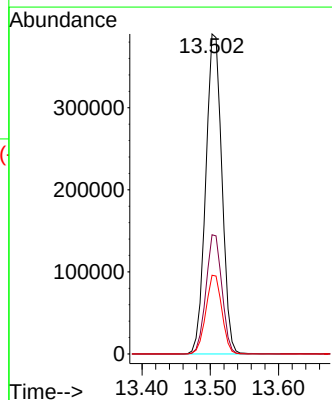
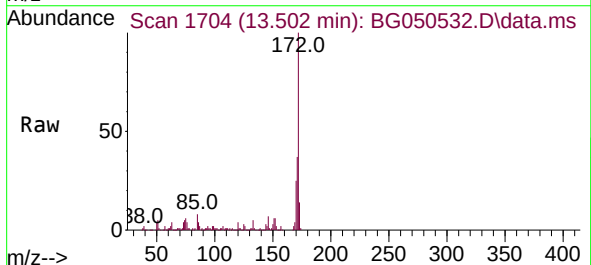
Instrument :
BNA_G
ClientSampleId :
PB139740BL

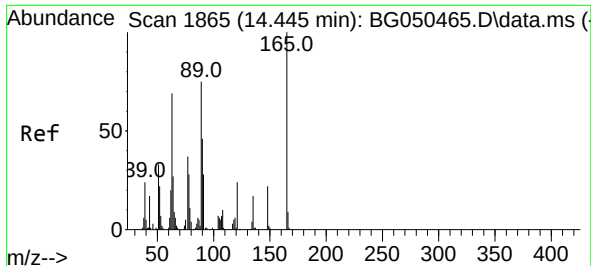
Tgt Ion:330 Resp: 138715
Ion Ratio Lower Upper
330 100
332 96.4 77.3 115.9
141 54.2 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 79.504 ng
RT: 13.502 min Scan# 1704
Delta R.T. -0.002 min
Lab File: BG050532.D
Acq: 11 Oct 2021 10:30

Tgt Ion:172 Resp: 640885
Ion Ratio Lower Upper
172 100
171 37.2 28.6 43.0
170 24.6 18.6 27.8

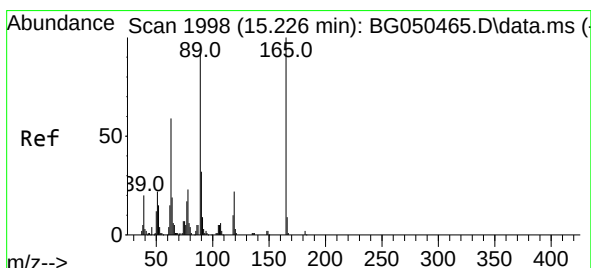
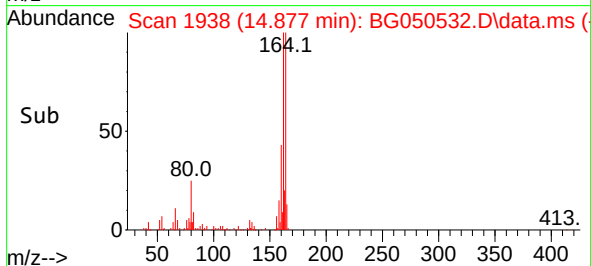
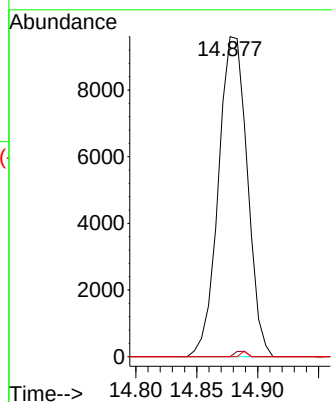
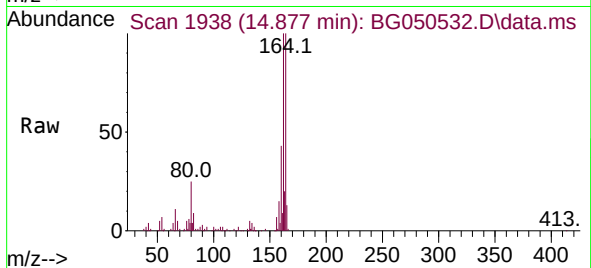




#51
2,6-Dinitrotoluene
Concen: 8.628 ng
RT: 14.877 min Scan# 1938
Delta R.T. 0.433 min
Lab File: BG050532.D
Acq: 11 Oct 2021 10:30

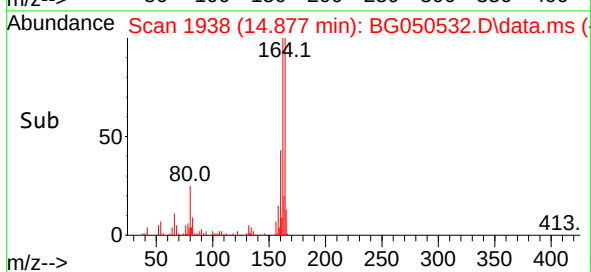
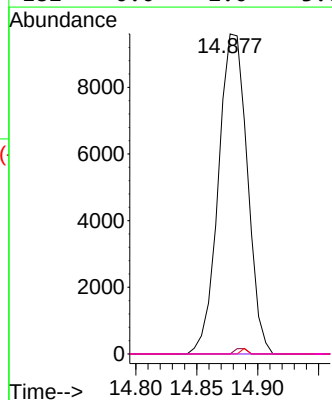
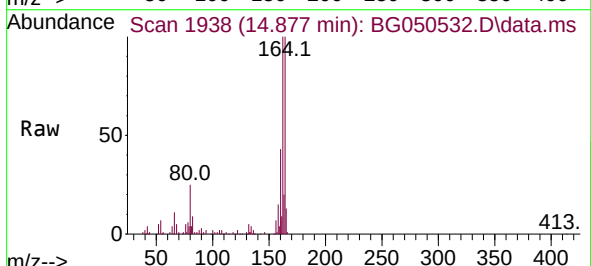
Instrument :
BNA_G
ClientSampled :
PB139740BL

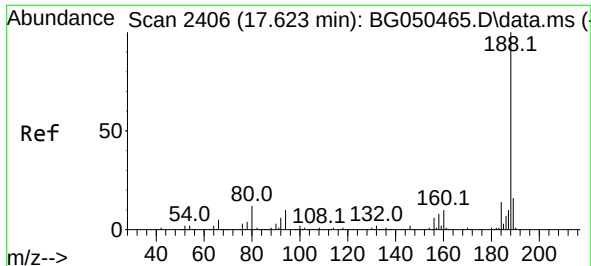
Tgt Ion:165 Resp: 15847
Ion Ratio Lower Upper
165 100
63 0.0 63.3 94.9#
89 0.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.121 ng
RT: 14.877 min Scan# 1938
Delta R.T. -0.349 min
Lab File: BG050532.D
Acq: 11 Oct 2021 10:30

Tgt Ion:165 Resp: 15847
Ion Ratio Lower Upper
165 100
63 0.0 48.0 72.0#
89 0.0 65.4 98.0#
182 0.0 2.0 3.0#

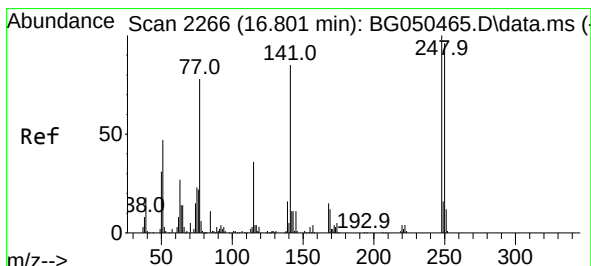
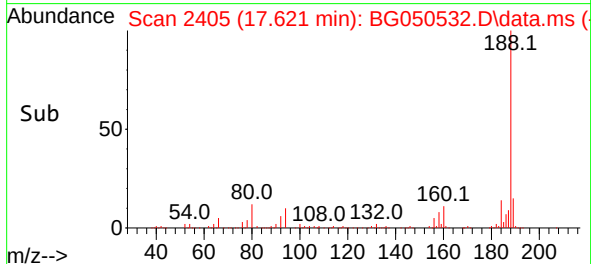
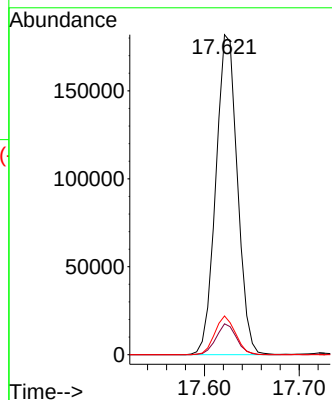
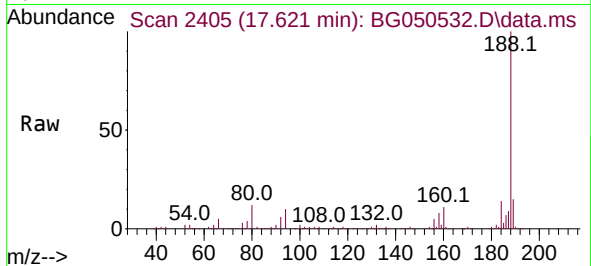




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.621 min Scan# 2405
Delta R.T. -0.002 min
Lab File: BG050532.D
Acq: 11 Oct 2021 10:30

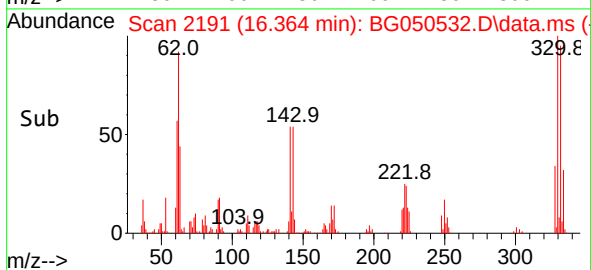
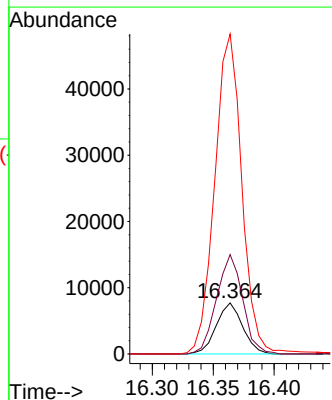
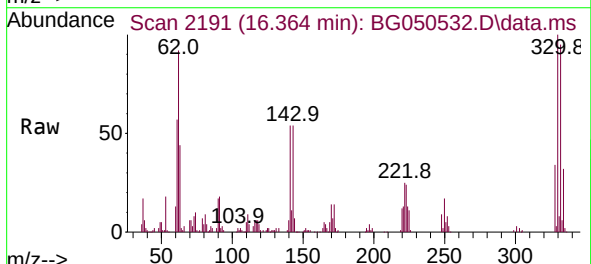
Instrument :
BNA_G
ClientSampled :
PB139740BL

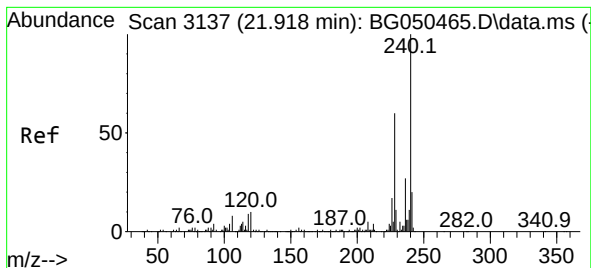
Tgt Ion:188 Resp: 287715
Ion Ratio Lower Upper
188 100
94 9.7 5.4 8.0#
80 12.1 3.7 5.5#



#67
4-Bromophenyl-phenylether
Concen: 3.994 ng
RT: 16.364 min Scan# 2191
Delta R.T. -0.437 min
Lab File: BG050532.D
Acq: 11 Oct 2021 10:30

Tgt Ion:248 Resp: 11581
Ion Ratio Lower Upper
248 100
250 194.6 76.1 114.1#
141 627.0 65.4 98.2#

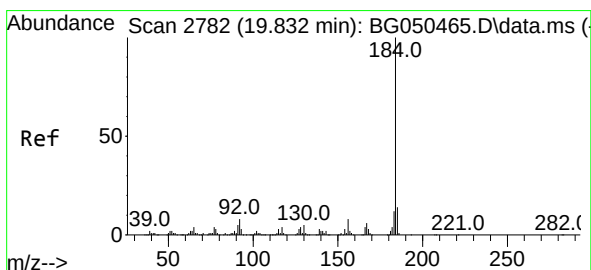
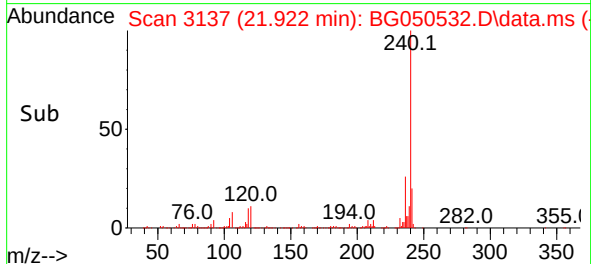
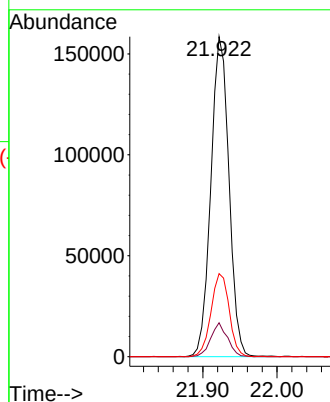
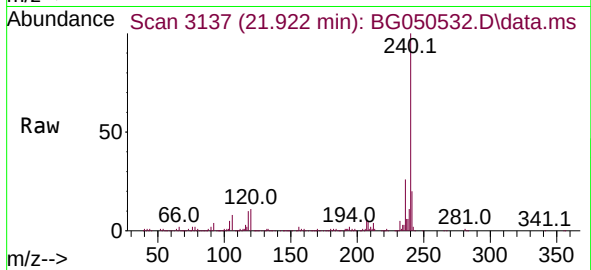




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.922 min Scan# 3137
Delta R.T. 0.004 min
Lab File: BG050532.D
Acq: 11 Oct 2021 10:30

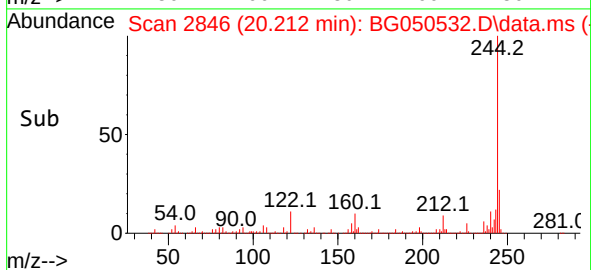
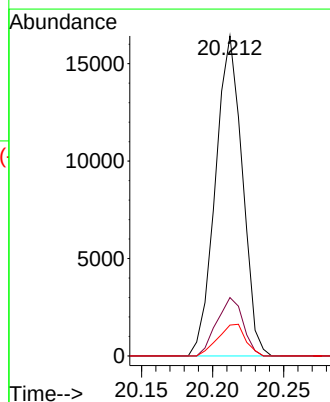
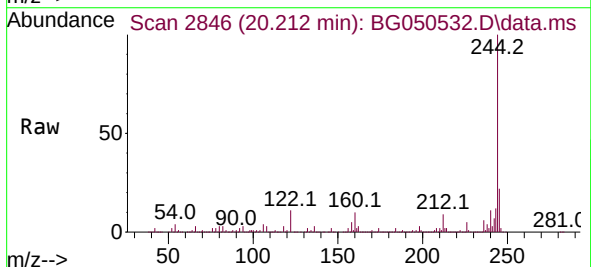
Instrument :
BNA_G
ClientSampleId :
PB139740BL

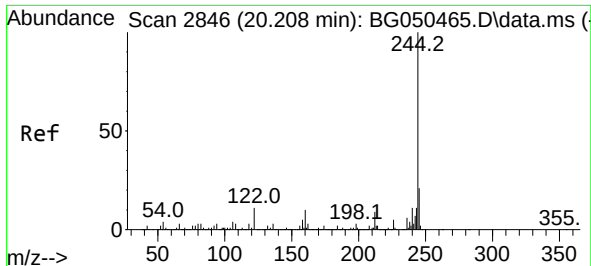
Tgt Ion:240 Resp: 268709
Ion Ratio Lower Upper
240 100
120 10.6 4.2 6.2#
236 26.0 21.8 32.6



#77
Benzidine
Concen: 2.482 ng
RT: 20.212 min Scan# 2846
Delta R.T. 0.380 min
Lab File: BG050532.D
Acq: 11 Oct 2021 10:30

Tgt Ion:184 Resp: 21617
Ion Ratio Lower Upper
184 100
185 18.2 10.7 16.1#
183 9.6 9.4 14.0

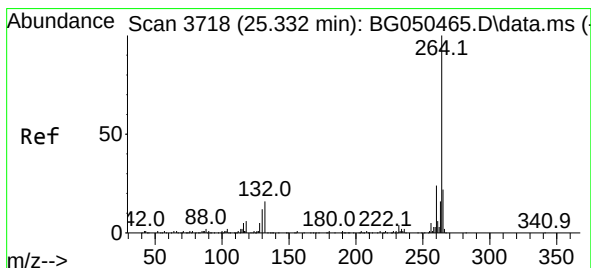
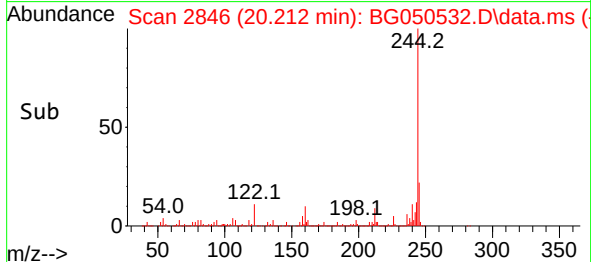
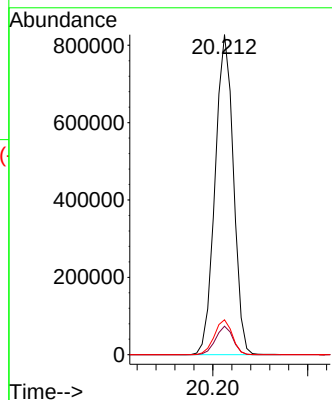
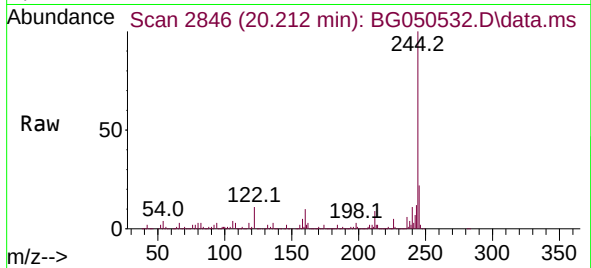




#79
Terphenyl-d14
Concen: 80.542 ng
RT: 20.212 min Scan# 2846
Delta R.T. 0.004 min
Lab File: BG050532.D
Acq: 11 Oct 2021 10:30

Instrument :
BNA_G
ClientSampleId :
PB139740BL

Tgt Ion:244 Resp: 1110538
Ion Ratio Lower Upper
244 100
212 8.9 6.9 10.3
122 10.9 5.0 7.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.342 min Scan# 3719
Delta R.T. 0.010 min
Lab File: BG050532.D
Acq: 11 Oct 2021 10:30

Tgt Ion:264 Resp: 260947
Ion Ratio Lower Upper
264 100
260 23.9 19.4 29.2
265 19.9 16.9 25.3

