

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101221\
 Data File : BG050561.D
 Acq On : 12 Oct 2021 20:34
 Operator : CG/JU
 Sample : M4169-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P287-DITCH

Quant Time: Oct 13 04:43:37 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)

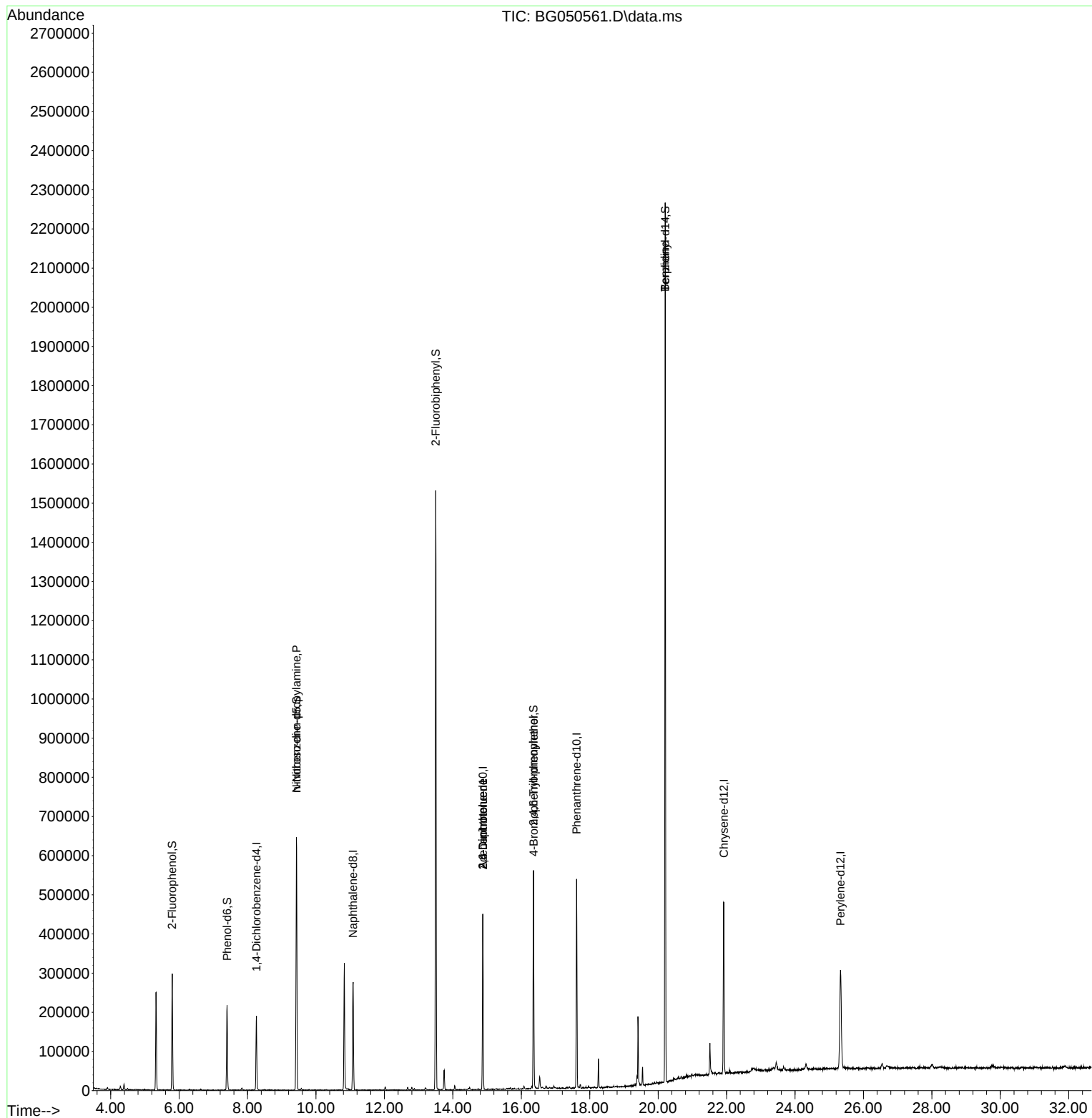
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	48785	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	224482	20.000	ng	# 0.00
39) Acenaphthene-d10	14.875	164	152169	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	315331	20.000	ng	# 0.00
76) Chrysene-d12	21.919	240	275835	20.000	ng	# 0.00
86) Perylene-d12	25.327	264	270477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	121791	37.336	ng	0.00
7) Phenol-d6	7.401	99	120348	25.482	ng	0.00
23) Nitrobenzene-d5	9.428	82	419217	77.306	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	77381	53.314	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	741326	73.321	ng	0.00
79) Terphenyl-d14	20.210	244	1009549	71.326	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	7.389	77	190	Below Cal	#	10
19) n-Nitroso-di-n-propyla...	9.428	70	59414	17.260	ng	# 73
51) 2,6-Dinitrotoluene	14.875	165	20206	8.771	ng	# 12
57) 2,4-Dinitrotoluene	14.875	165	20206	6.223	ng	# 17
67) 4-Bromophenyl-phenylether	16.361	248	6427	2.023	ng	# 1
77) Benzidine	20.204	184	20801	2.327	ng	# 91

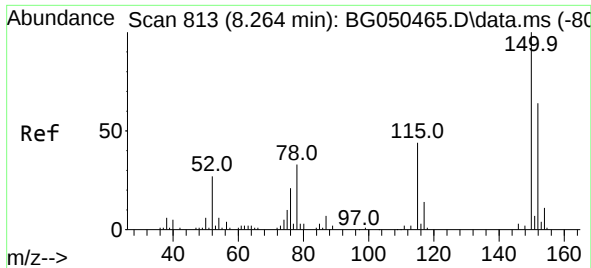
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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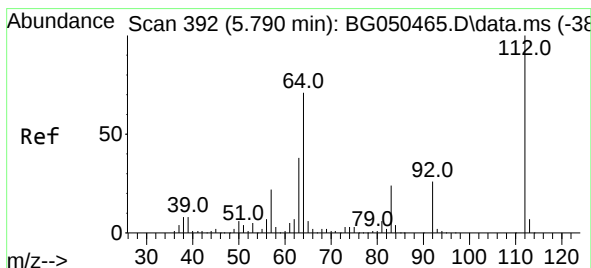
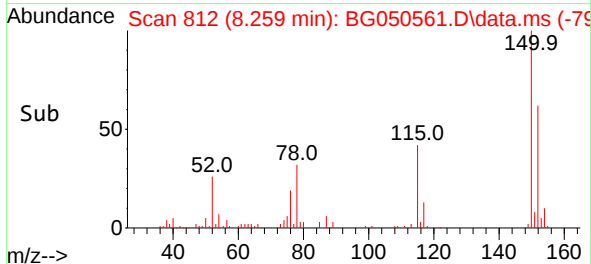
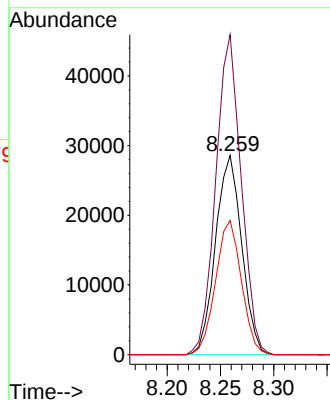
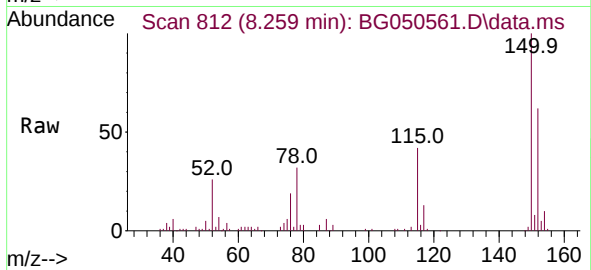




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG050561.D
Acq: 12 Oct 2021 20:34

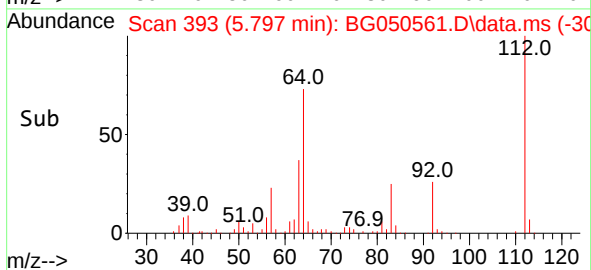
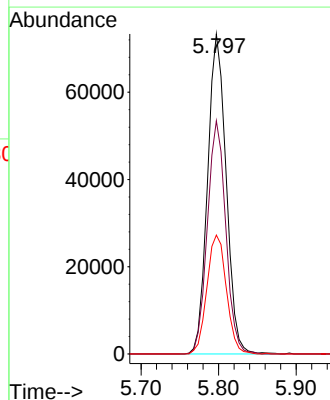
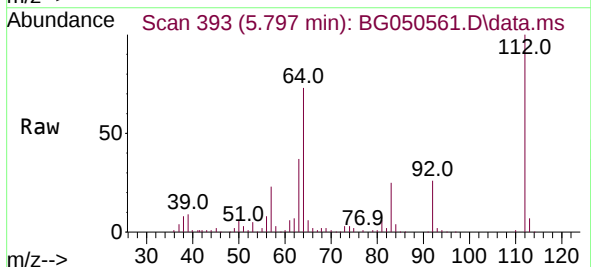
Instrument :
BNA_G
ClientSampleId :
P287-DITCH

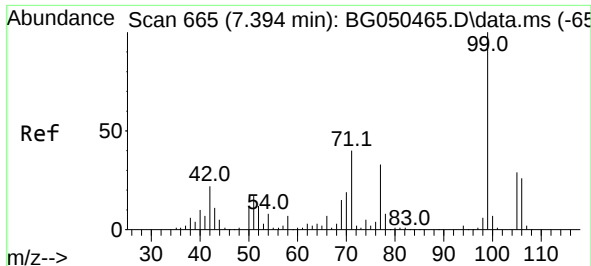
Tgt Ion:152 Resp: 48785
Ion Ratio Lower Upper
152 100
150 160.6 119.4 179.0
115 67.4 60.2 90.4



#5
2-Fluorophenol
Concen: 37.336 ng
RT: 5.797 min Scan# 393
Delta R.T. 0.007 min
Lab File: BG050561.D
Acq: 12 Oct 2021 20:34

Tgt Ion:112 Resp: 121791
Ion Ratio Lower Upper
112 100
64 72.9 46.7 70.1#
63 37.2 35.3 52.9

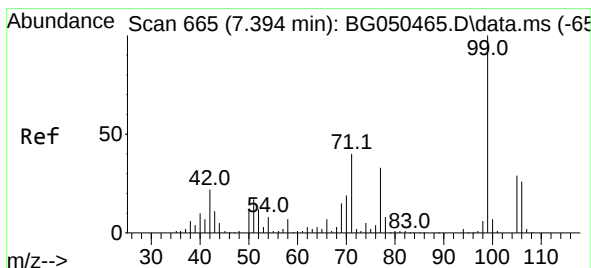
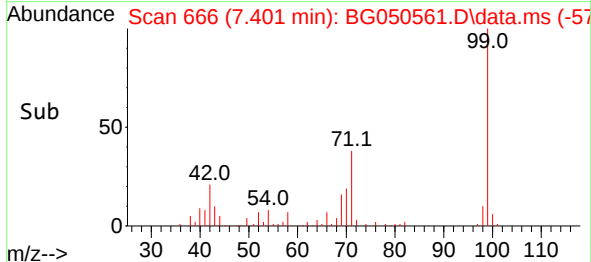
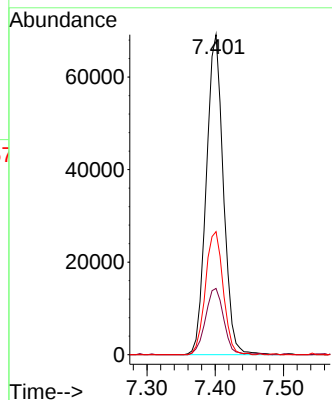
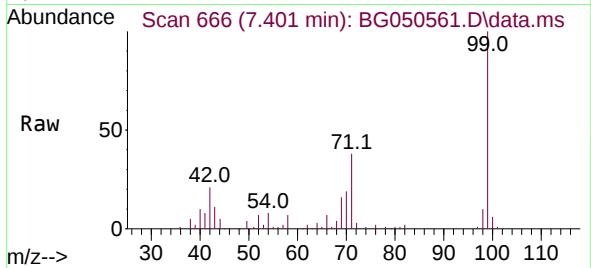




#7
Phenol-d6
Concen: 25.482 ng
RT: 7.401 min Scan# 666
Delta R.T. 0.007 min
Lab File: BG050561.D
Acq: 12 Oct 2021 20:34

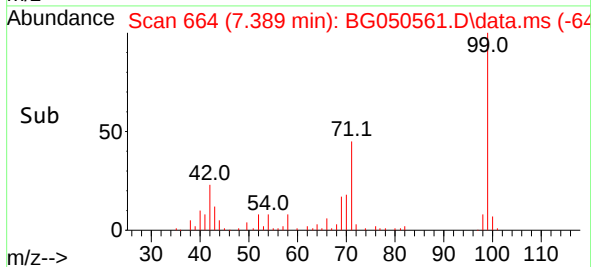
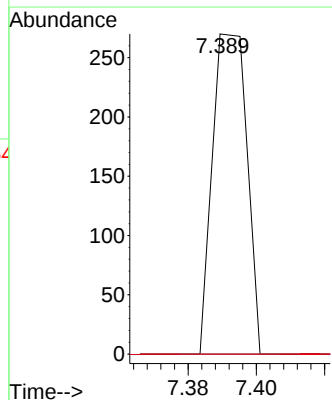
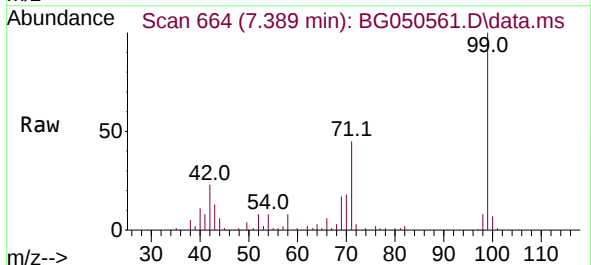
Instrument :
BNA_G
ClientSampleId :
P287-DITCH

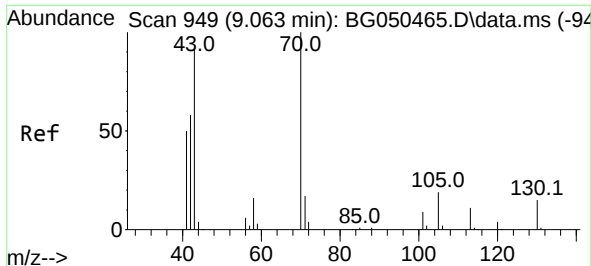
Tgt Ion: 99 Resp: 120348
Ion Ratio Lower Upper
99 100
42 20.7 20.5 30.7
71 38.4 41.5 62.3#



#9
Benzaldehyde
Concen: Below Cal
RT: 7.389 min Scan# 664
Delta R.T. -0.005 min
Lab File: BG050561.D
Acq: 12 Oct 2021 20:34

Tgt Ion: 77 Resp: 190
Ion Ratio Lower Upper
77 100
105 0.0 68.8 108.8#
106 0.0 47.9 87.9#

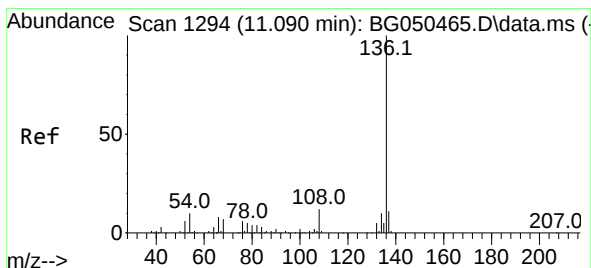
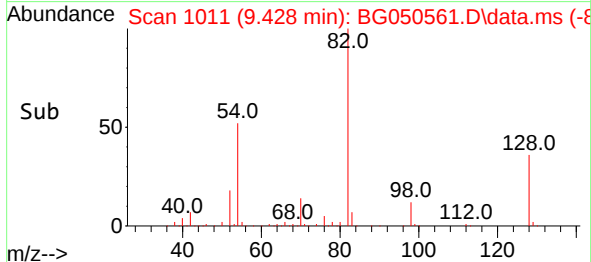
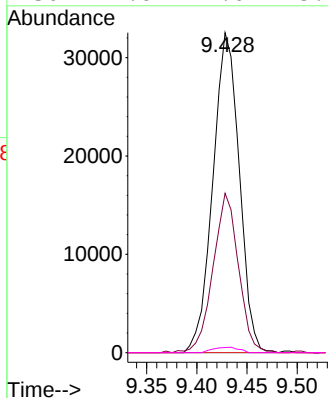
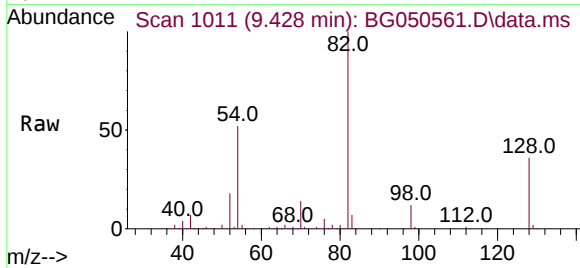




#19
n-Nitroso-di-n-propylamine
Concen: 17.260 ng
RT: 9.428 min Scan# 1011
Delta R.T. 0.365 min
Lab File: BG050561.D
Acq: 12 Oct 2021 20:34

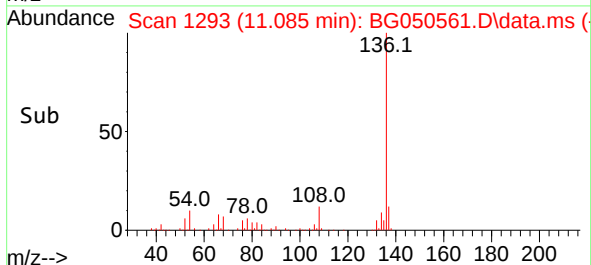
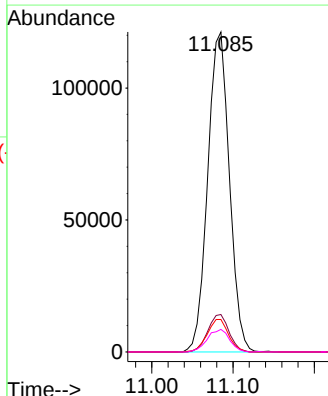
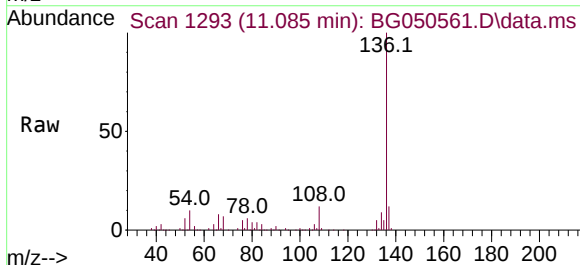
Instrument :
BNA_G
ClientSampleId :
P287-DITCH

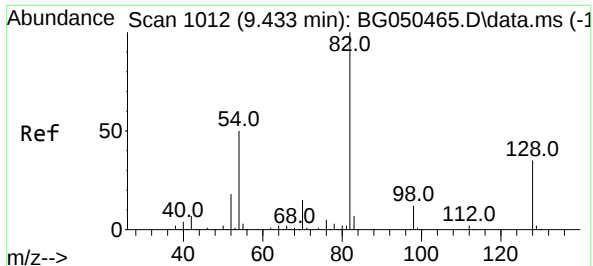
Tgt Ion:	70	Resp:	59414
Ion	Ratio	Lower	Upper
70	100		
42	49.8	54.5	81.7#
101	0.0	9.0	13.6#
130	1.6	17.0	25.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1293
Delta R.T. -0.005 min
Lab File: BG050561.D
Acq: 12 Oct 2021 20:34

Tgt Ion:	136	Resp:	224482
Ion	Ratio	Lower	Upper
136	100		
137	11.7	8.2	12.2
54	10.1	5.5	8.3#
68	7.1	2.3	3.5#

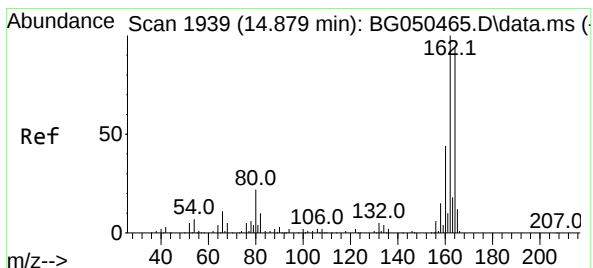
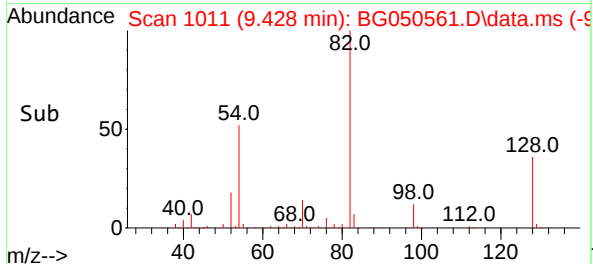
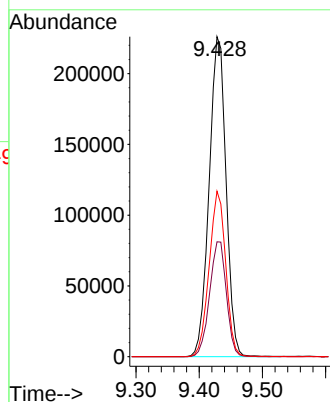
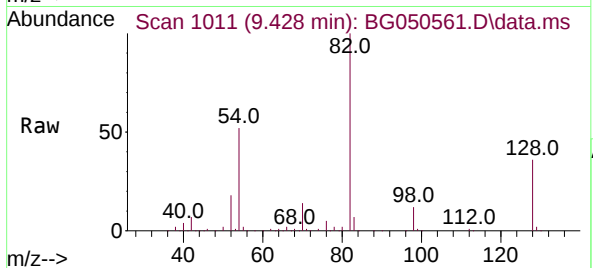




#23
Nitrobenzene-d5
Concen: 77.306 ng
RT: 9.428 min Scan# 1011
Delta R.T. -0.005 min
Lab File: BG050561.D
Acq: 12 Oct 2021 20:34

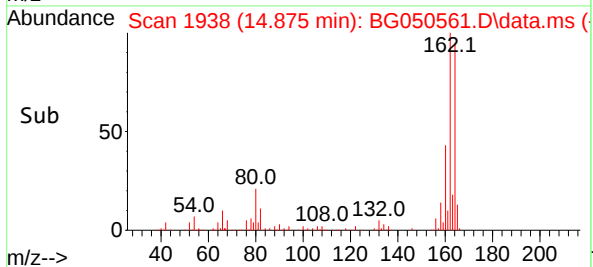
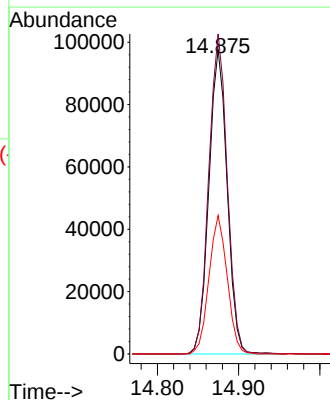
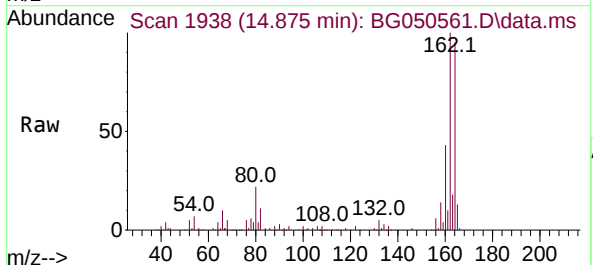
Instrument :
BNA_G
ClientSampleId :
P287-DITCH

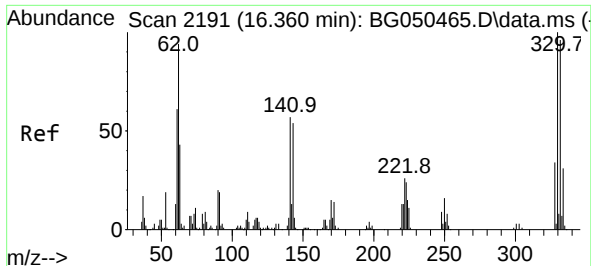
Tgt Ion: 82 Resp: 419217
Ion Ratio Lower Upper
82 100
128 35.9 29.8 44.6
54 51.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.005 min
Lab File: BG050561.D
Acq: 12 Oct 2021 20:34

Tgt Ion:164 Resp: 152169
Ion Ratio Lower Upper
164 100
162 105.2 81.4 122.0
160 45.5 34.9 52.3

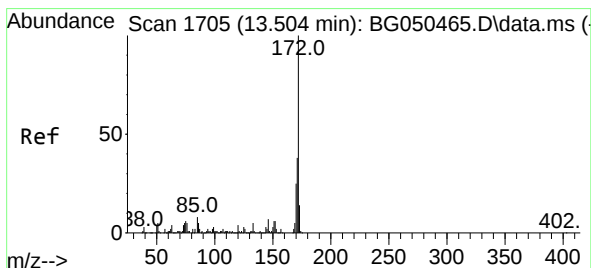
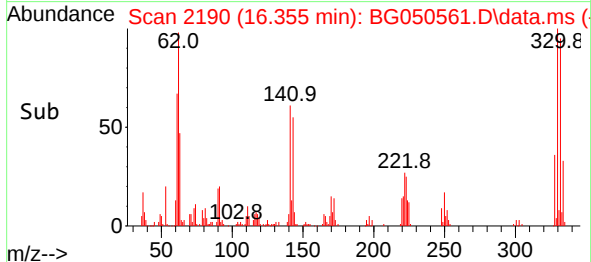
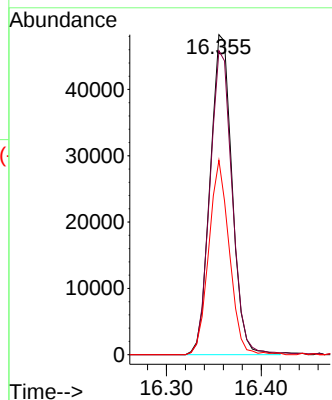
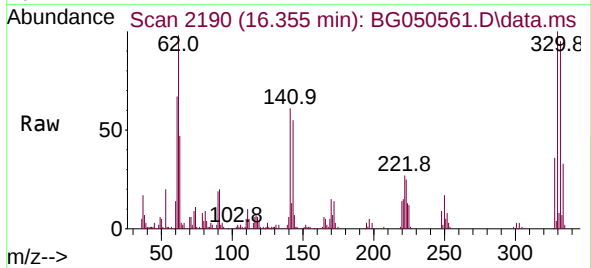




#42
2,4,6-Tribromophenol
Concen: 53.314 ng
RT: 16.355 min Scan# 2190
Delta R.T. -0.005 min
Lab File: BG050561.D
Acq: 12 Oct 2021 20:34

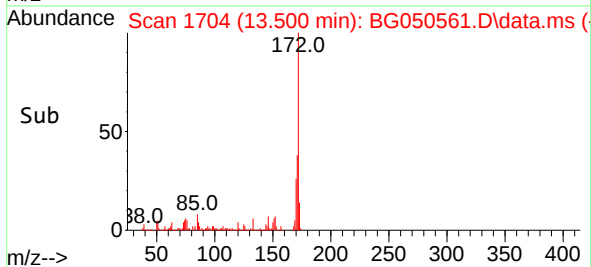
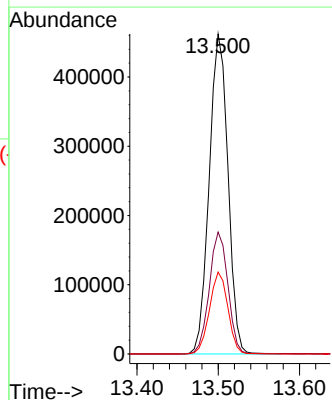
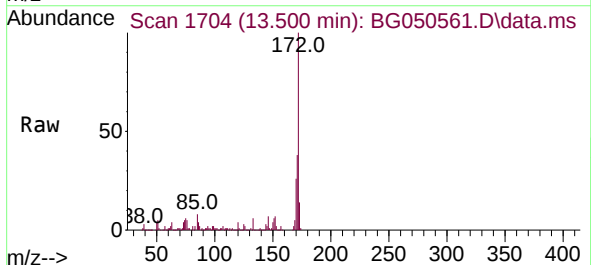
Instrument :
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P287-DITCH

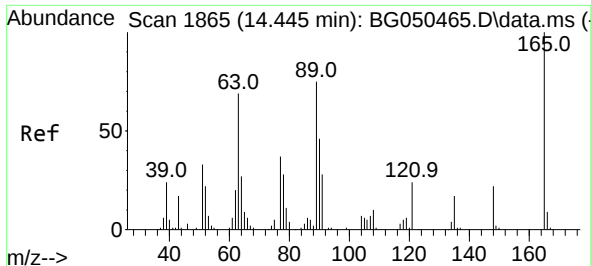
Tgt Ion:330 Resp: 77381
Ion Ratio Lower Upper
330 100
332 97.2 77.3 115.9
141 57.0 35.6 53.4#



#45
2-Fluorobiphenyl
Concen: 73.321 ng
RT: 13.500 min Scan# 1704
Delta R.T. -0.005 min
Lab File: BG050561.D
Acq: 12 Oct 2021 20:34

Tgt Ion:172 Resp: 741326
Ion Ratio Lower Upper
172 100
171 38.1 28.6 43.0
170 25.6 18.6 27.8

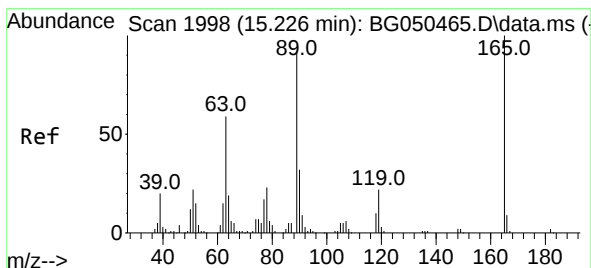
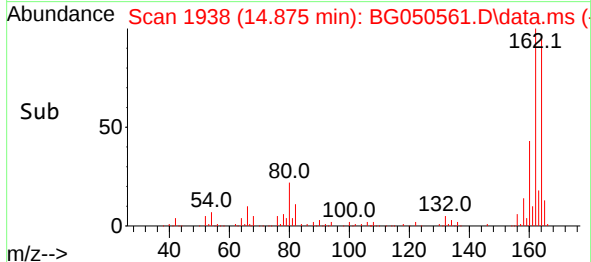
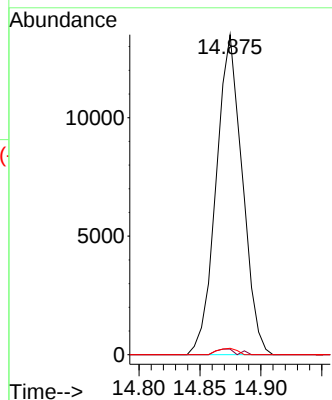
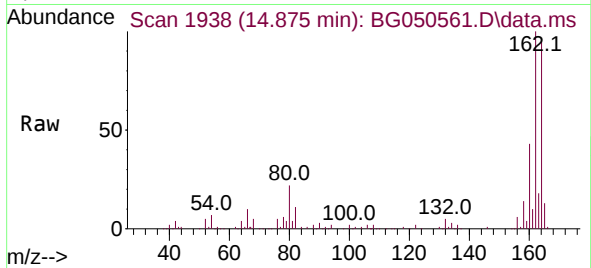




#51
2,6-Dinitrotoluene
Concen: 8.771 ng
RT: 14.875 min Scan# 1938
Delta R.T. 0.430 min
Lab File: BG050561.D
Acq: 12 Oct 2021 20:34

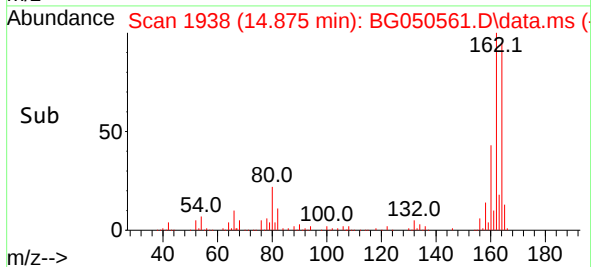
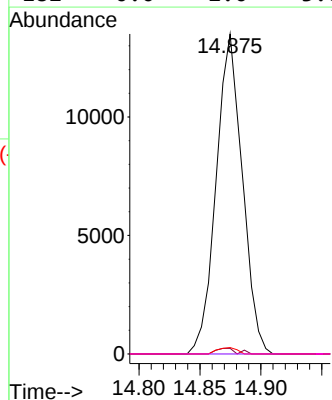
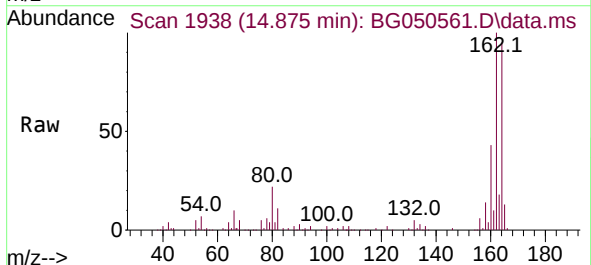
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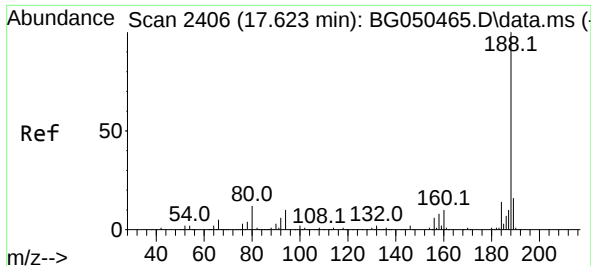
Tgt Ion:165 Resp: 20206
Ion Ratio Lower Upper
165 100
63 1.7 63.3 94.9#
89 2.0 63.4 95.0#



#57
2,4-Dinitrotoluene
Concen: 6.223 ng
RT: 14.875 min Scan# 1938
Delta R.T. -0.351 min
Lab File: BG050561.D
Acq: 12 Oct 2021 20:34

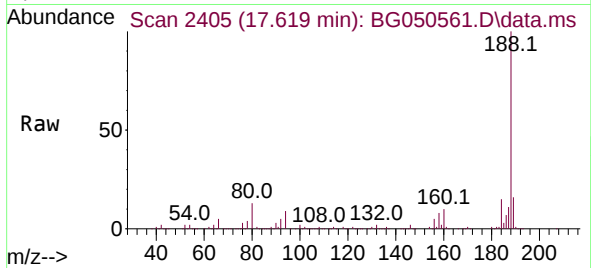
Tgt Ion:165 Resp: 20206
Ion Ratio Lower Upper
165 100
63 1.7 48.0 72.0#
89 2.0 65.4 98.0#
182 0.0 2.0 3.0#



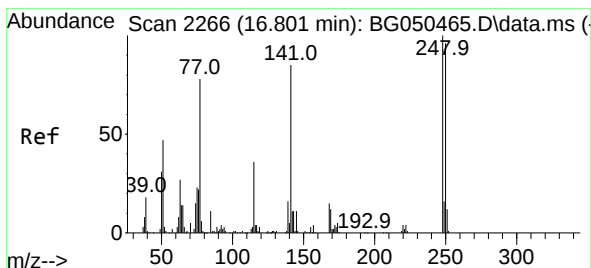
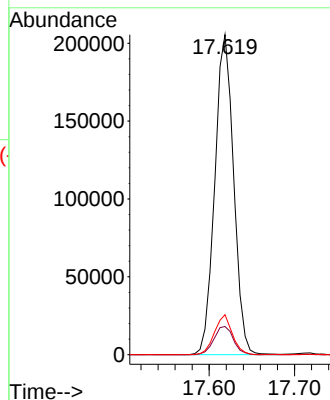
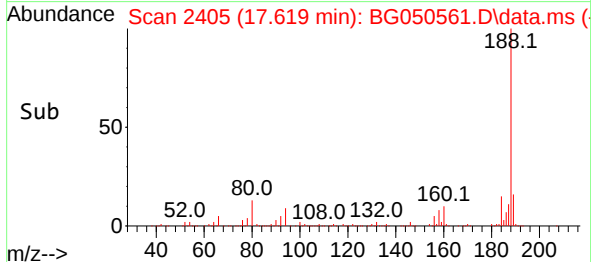


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2405
Delta R.T. -0.005 min
Lab File: BG050561.D
Acq: 12 Oct 2021 20:34

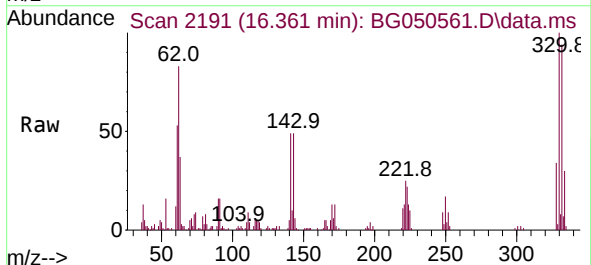
Instrument :
BNA_G
ClientSampleId :
P287-DITCH



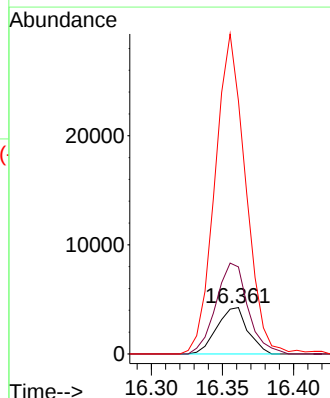
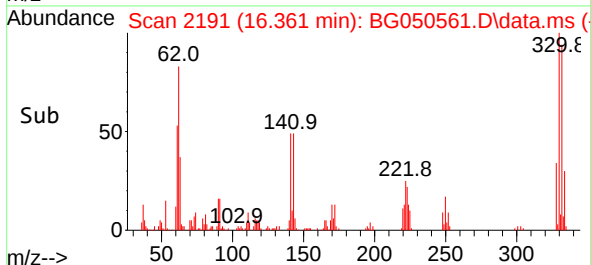
Tgt Ion:188 Resp: 315331
Ion Ratio Lower Upper
188 100
94 8.8 5.4 8.0#
80 12.5 3.7 5.5#

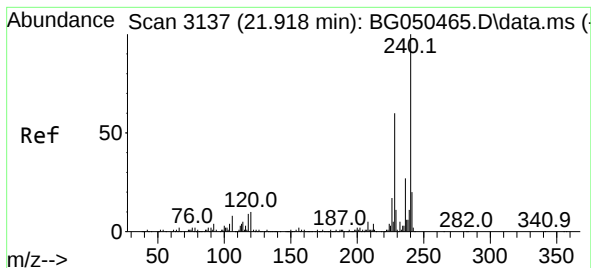


#67
4-Bromophenyl-phenylether
Concen: 2.023 ng
RT: 16.361 min Scan# 2191
Delta R.T. -0.439 min
Lab File: BG050561.D
Acq: 12 Oct 2021 20:34



Tgt Ion:248 Resp: 6427
Ion Ratio Lower Upper
248 100
250 187.4 76.1 114.1#
141 544.4 65.4 98.2#

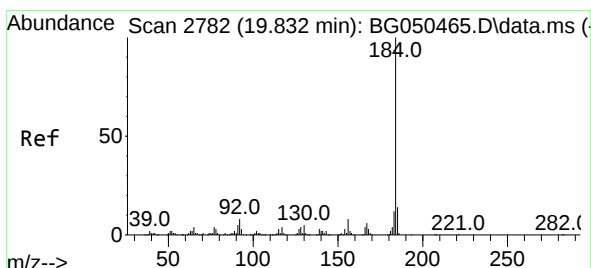
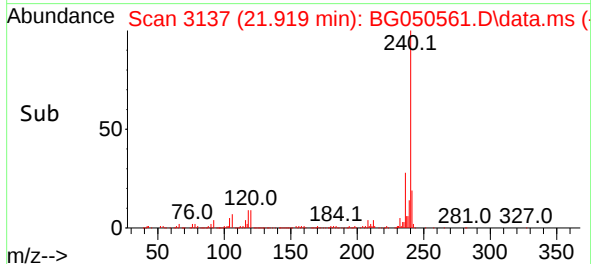
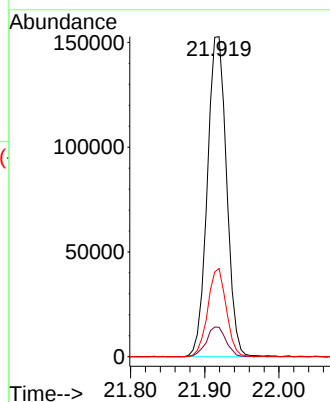
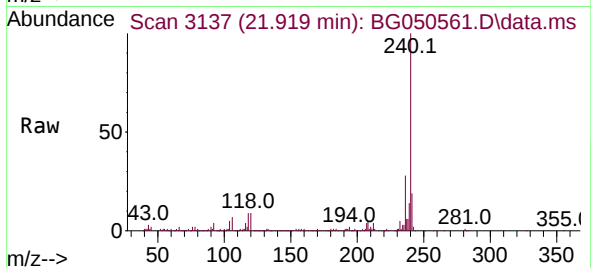




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.919 min Scan# 3137
Delta R.T. 0.001 min
Lab File: BG050561.D
Acq: 12 Oct 2021 20:34

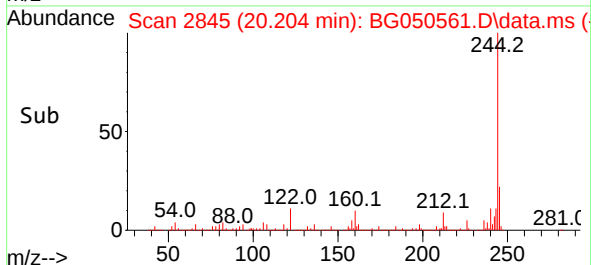
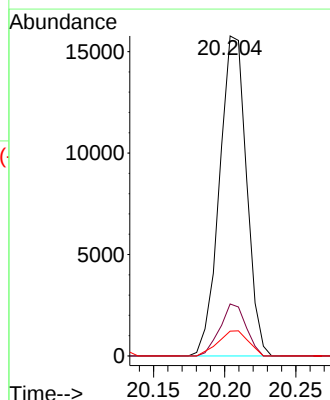
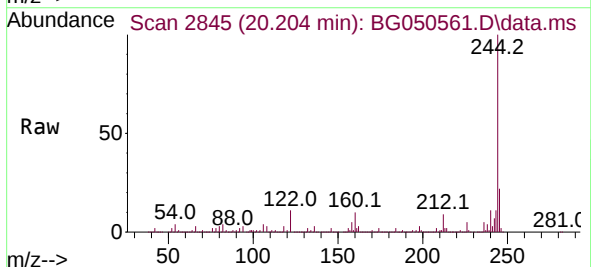
Instrument :
BNA_G
ClientSampleId :
P287-DITCH

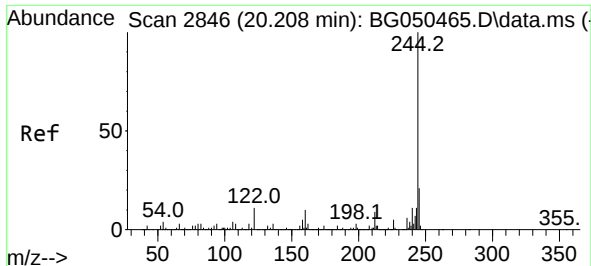
Tgt Ion:240 Resp: 275835
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 27.6 21.8 32.6



#77
Benzidine
Concen: 2.327 ng
RT: 20.204 min Scan# 2845
Delta R.T. 0.371 min
Lab File: BG050561.D
Acq: 12 Oct 2021 20:34

Tgt Ion:184 Resp: 20801
Ion Ratio Lower Upper
184 100
185 16.2 10.7 16.1#
183 7.7 9.4 14.0#

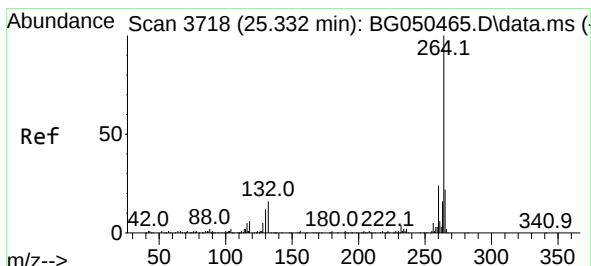
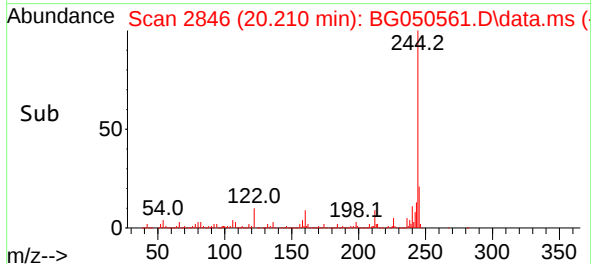
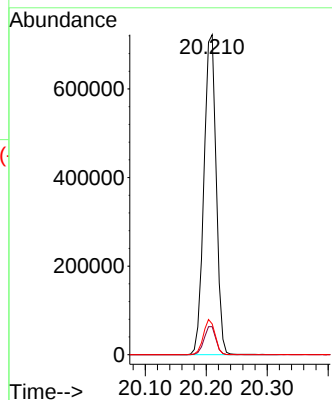
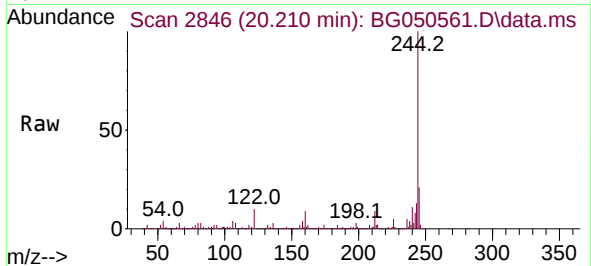




#79
 Terphenyl-d14
 Concen: 71.326 ng
 RT: 20.210 min Scan# 2846
 Delta R.T. 0.001 min
 Lab File: BG050561.D
 Acq: 12 Oct 2021 20:34

Instrument :
 BNA_G
 ClientSampleId :
 P287-DITCH

Tgt Ion:244 Resp: 1009549
 Ion Ratio Lower Upper
 244 100
 212 8.7 6.9 10.3
 122 9.6 5.0 7.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.327 min Scan# 3717
 Delta R.T. -0.005 min
 Lab File: BG050561.D
 Acq: 12 Oct 2021 20:34

Tgt Ion:264 Resp: 270477
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.2
 265 21.1 16.9 25.3

