

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111222\
 Data File : BG055587.D
 Acq On : 12 Nov 2022 12:55
 Operator : CG/JU
 Sample : PB148983BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148983BL

Quant Time: Nov 14 03:25:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 10 03:39:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

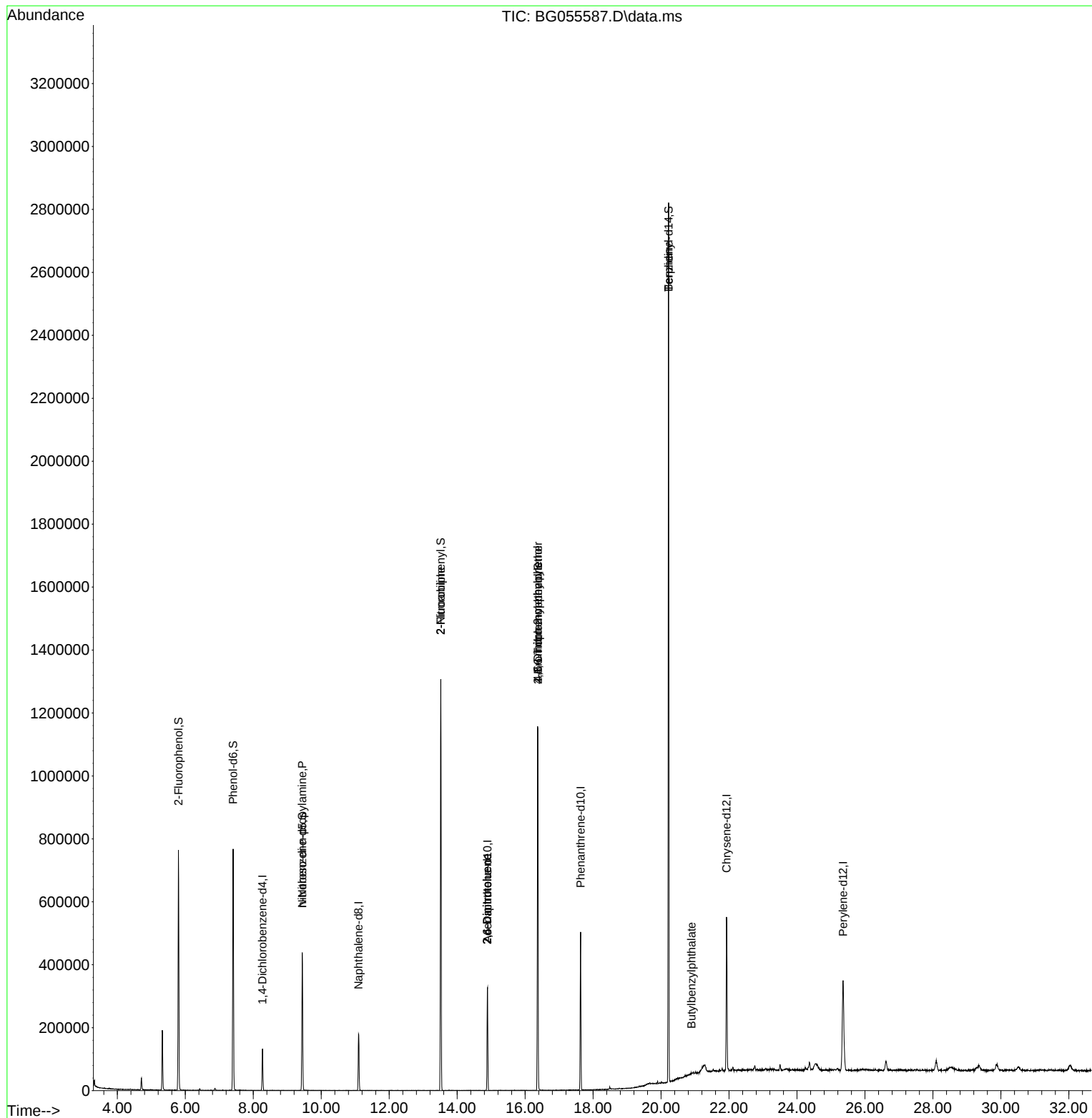
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.270	152	37719	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	153970	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	118987	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	317883	20.000	ng	0.00
76) Chrysene-d12	21.925	240	314514	20.000	ng	0.00
86) Perylene-d12	25.356	264	325563	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	314992	159.064	ng	0.00
7) Phenol-d6	7.407	99	412863	150.932	ng	0.00
23) Nitrobenzene-d5	9.440	82	246083	108.348	ng	0.00
42) 2,4,6-Tribromophenol	16.373	330	242830	209.163	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	664995	84.301	ng	0.00
79) Terphenyl-d14	20.221	244	1420744	90.732	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.440	70	34111	15.089	ng	# 81
48) 2-Nitroaniline	13.517	65	1194	4.422	ng	# 1
51) 2,6-Dinitrotoluene	14.886	165	15316	12.156	ng	# 23
57) 2,4-Dinitrotoluene	14.886	165	15316	10.368	ng	# 24
65) 4,6-Dinitro-2-methylph...	16.367	198	589	2.662	ng	# 1
67) 4-Bromophenyl-phenylether	16.373	248	16119	4.971	ng	# 1
77) Benzidine	20.221	184	23184	2.725	ng	# 93
80) Butylbenzylphthalate	20.897	149	707	3.445	ng	# 89

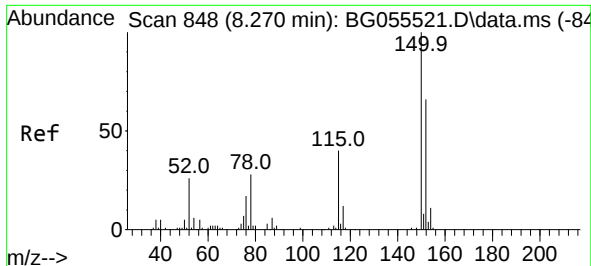
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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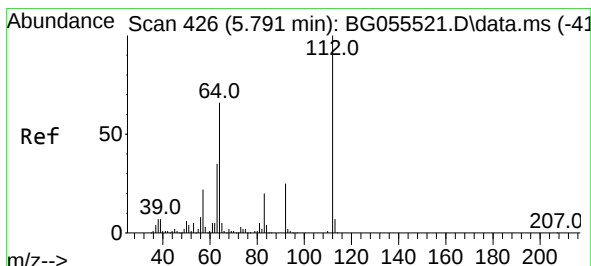
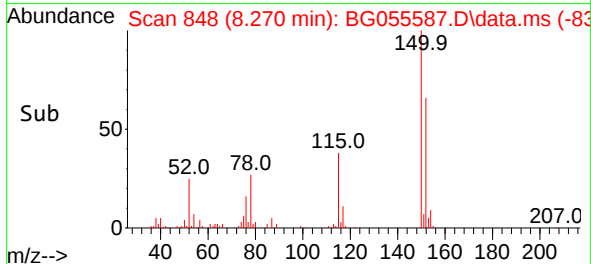
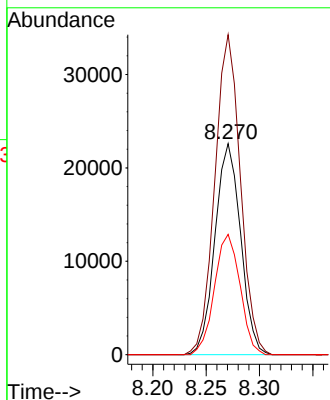
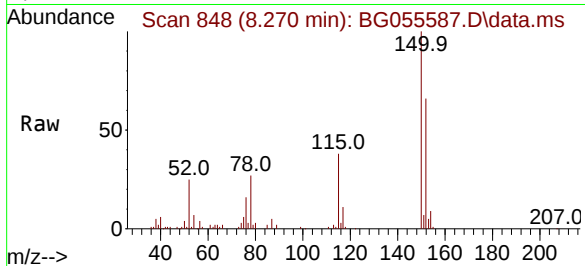




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.270 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: BG055587.D
 Acq: 12 Nov 2022 12:55

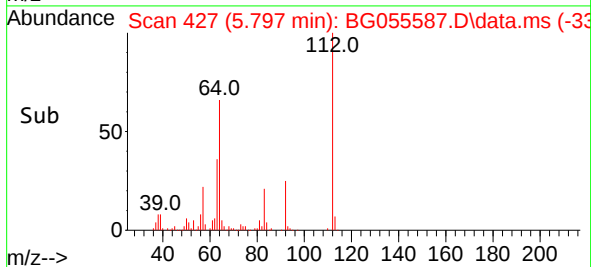
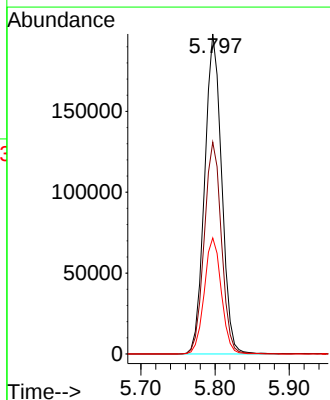
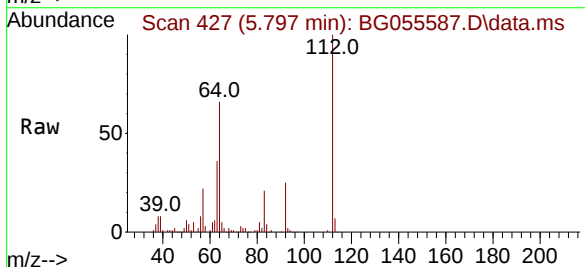
Instrument :
 BNA_G
 ClientSampleId :
 PB148983BL

Tgt Ion:152 Resp: 37719
 Ion Ratio Lower Upper
 152 100
 150 151.7 121.0 181.4
 115 57.0 47.8 71.8



#5
 2-Fluorophenol
 Concen: 159.064 ng
 RT: 5.797 min Scan# 427
 Delta R.T. 0.006 min
 Lab File: BG055587.D
 Acq: 12 Nov 2022 12:55

Tgt Ion:112 Resp: 314992
 Ion Ratio Lower Upper
 112 100
 64 66.2 52.6 78.8
 63 36.2 28.3 42.5

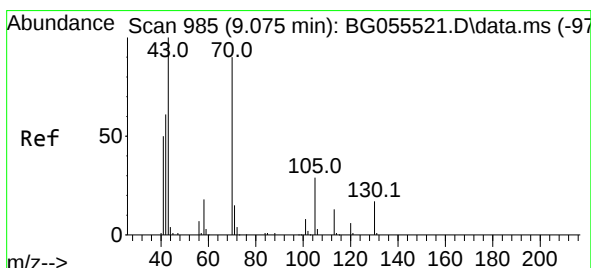
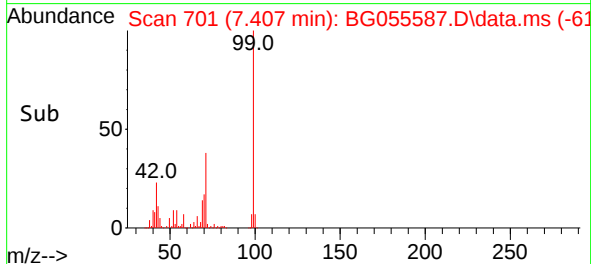
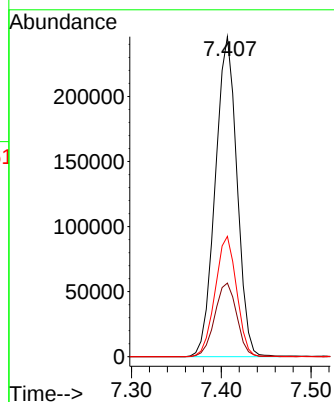
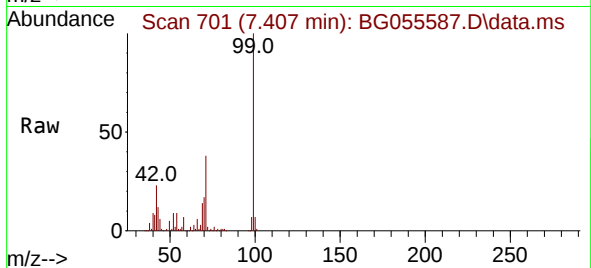




#7
Phenol-d6
Concen: 150.932 ng
RT: 7.407 min Scan# 700
Delta R.T. 0.006 min
Lab File: BG055587.D
Acq: 12 Nov 2022 12:55

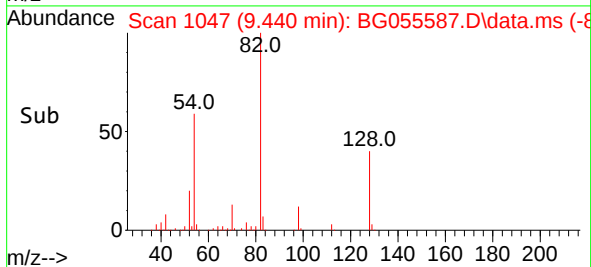
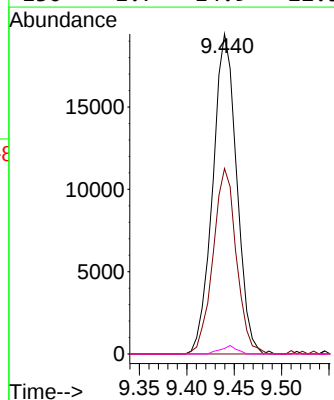
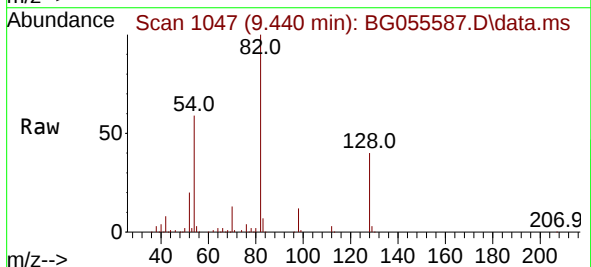
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ClientSampleId :
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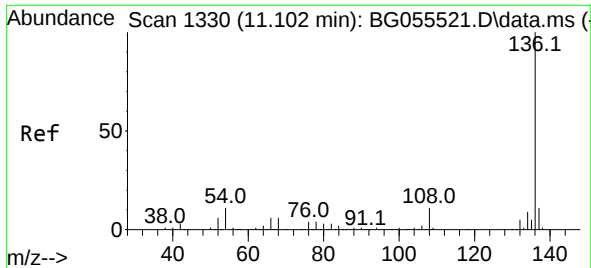
Tgt Ion: 99 Resp: 412863
Ion Ratio Lower Upper
99 100
42 23.0 17.5 26.3
71 37.6 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.089 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.365 min
Lab File: BG055587.D
Acq: 12 Nov 2022 12:55

Tgt Ion: 70 Resp: 34111
Ion Ratio Lower Upper
70 100
42 58.0 54.8 82.2
101 0.0 6.8 10.2#
130 1.7 14.9 22.3#

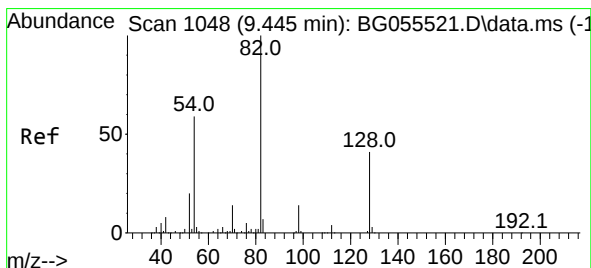
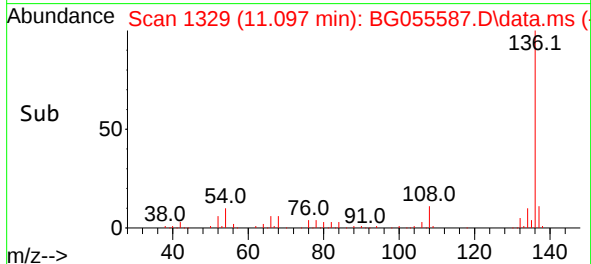
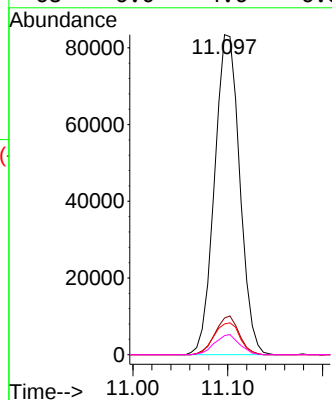
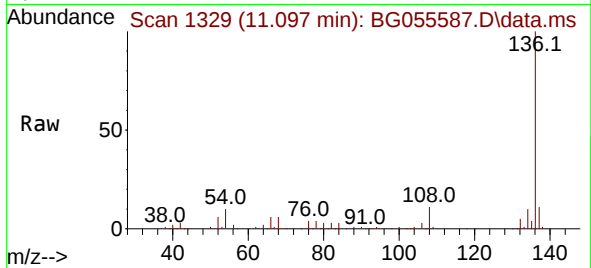




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055587.D
Acq: 12 Nov 2022 12:55

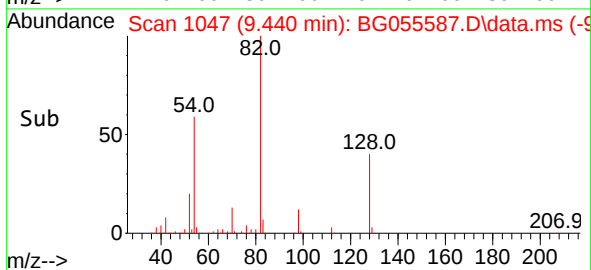
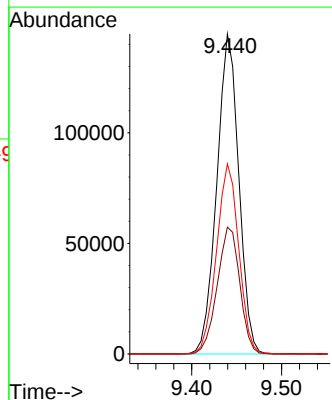
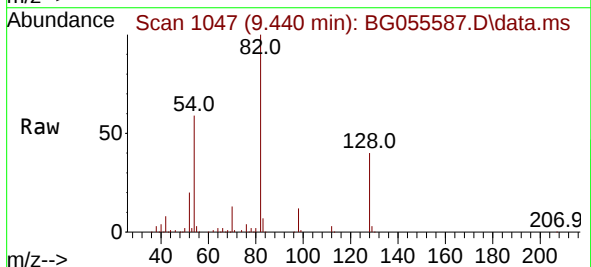
Instrument :
BNA_G
ClientSampleId :
PB148983BL

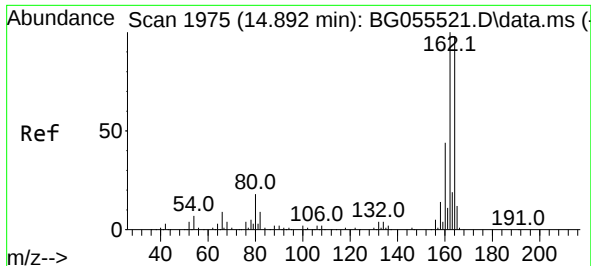
Tgt Ion:	136	Resp:	153970
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.6	12.8
54	9.6	8.6	12.8
68	6.0	4.6	6.8



#23
Nitrobenzene-d5
Concen: 108.348 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.005 min
Lab File: BG055587.D
Acq: 12 Nov 2022 12:55

Tgt Ion:	82	Resp:	246083
Ion	Ratio	Lower	Upper
82	100		
128	39.7	32.6	49.0
54	59.4	47.3	70.9

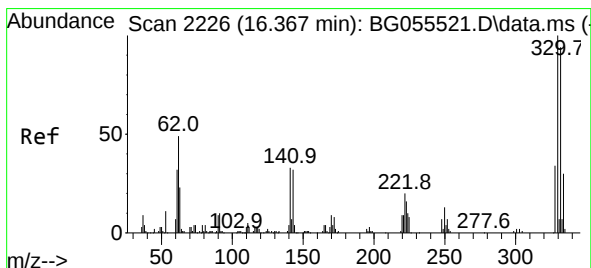
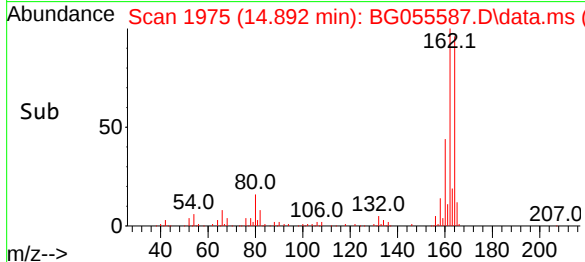
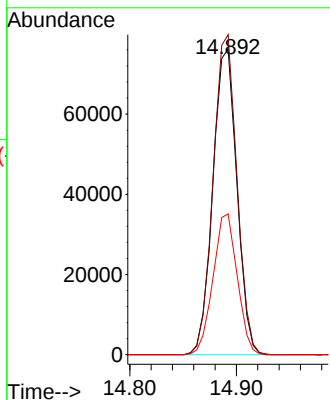
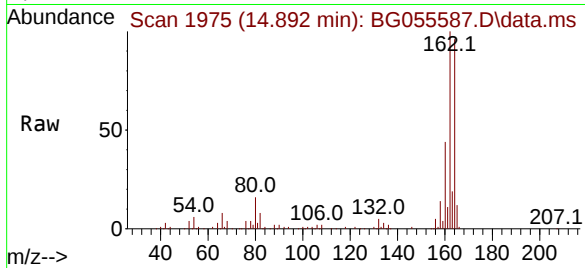




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055587.D
Acq: 12 Nov 2022 12:55

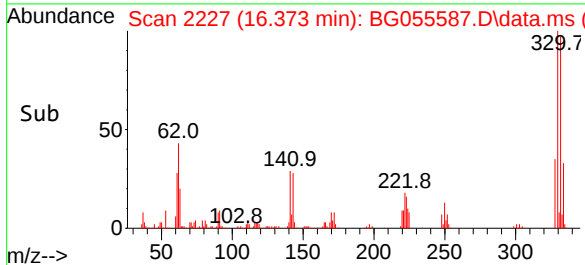
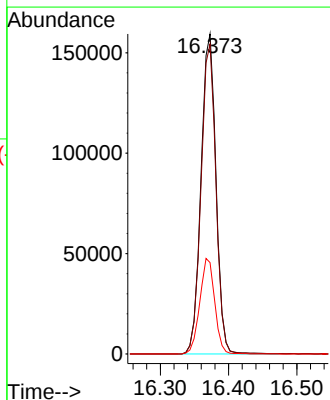
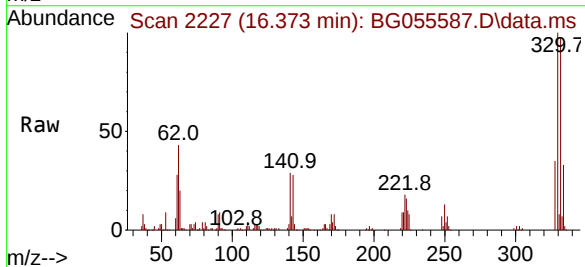
Instrument :
BNA_G
ClientSampleId :
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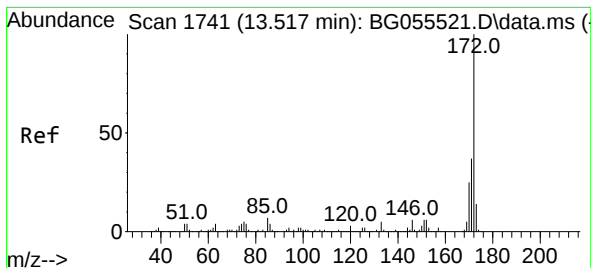
Tgt Ion:164 Resp: 118987
Ion Ratio Lower Upper
164 100
162 104.6 81.3 121.9
160 46.1 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 209.163 ng
RT: 16.373 min Scan# 2227
Delta R.T. 0.006 min
Lab File: BG055587.D
Acq: 12 Nov 2022 12:55

Tgt Ion:330 Resp: 242830
Ion Ratio Lower Upper
330 100
332 96.4 77.4 116.2
141 29.8 25.4 38.2

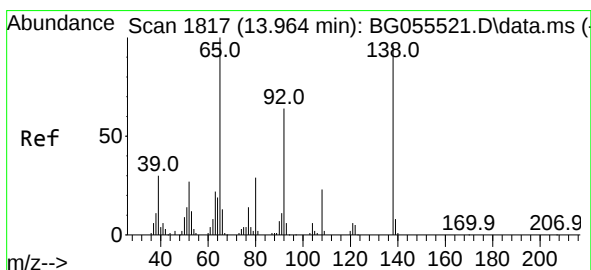
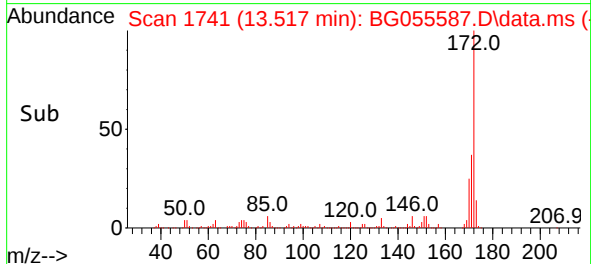
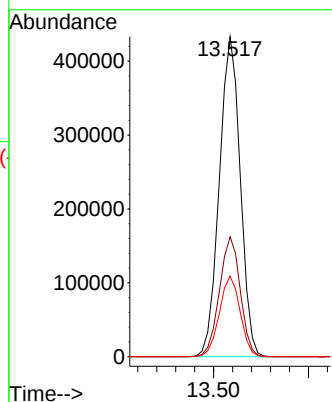
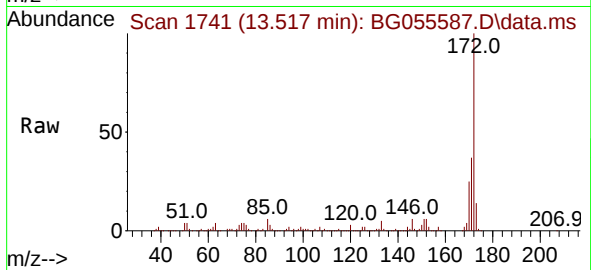




#45
2-Fluorobiphenyl
Concen: 84.301 ng
RT: 13.517 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BG055587.D
Acq: 12 Nov 2022 12:55

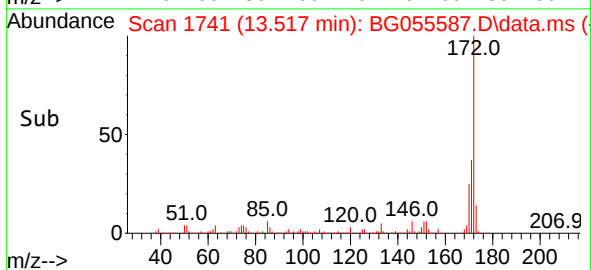
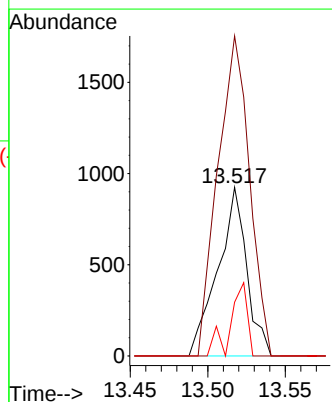
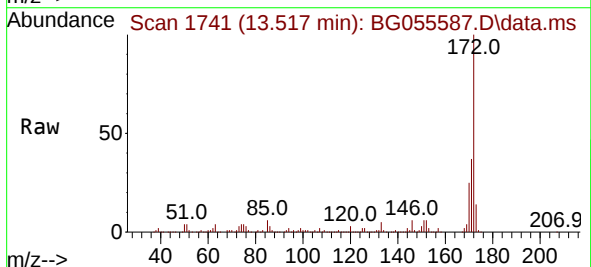
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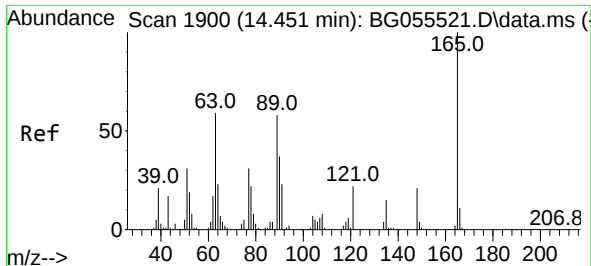
Tgt Ion:172 Resp: 664995
Ion Ratio Lower Upper
172 100
171 37.4 29.7 44.5
170 25.1 19.8 29.6



#48
2-Nitroaniline
Concen: 4.422 ng
RT: 13.517 min Scan# 1741
Delta R.T. -0.447 min
Lab File: BG055587.D
Acq: 12 Nov 2022 12:55

Tgt Ion: 65 Resp: 1194
Ion Ratio Lower Upper
65 100
92 189.8 51.6 77.4#
138 31.8 77.0 115.4#

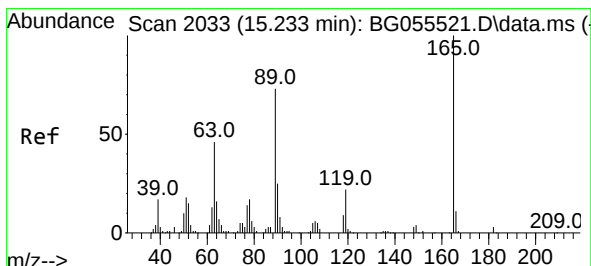
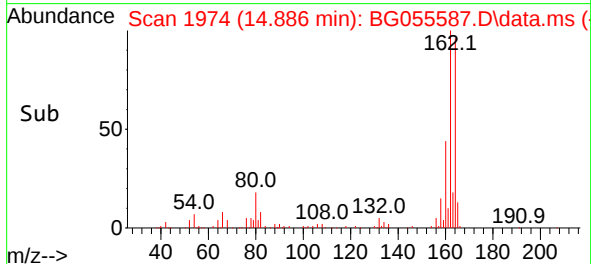
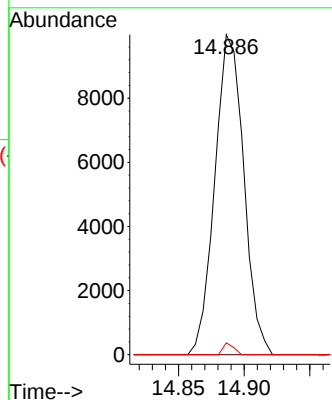
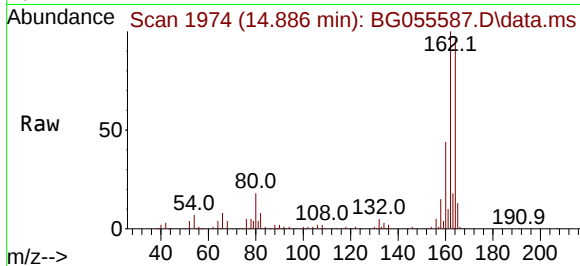




#51
2,6-Dinitrotoluene
Concen: 12.156 ng
RT: 14.886 min Scan# 1900
Delta R.T. 0.435 min
Lab File: BG055587.D
Acq: 12 Nov 2022 12:55

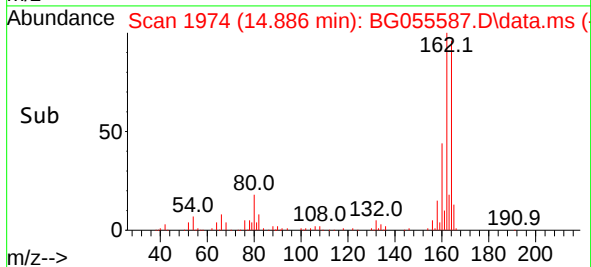
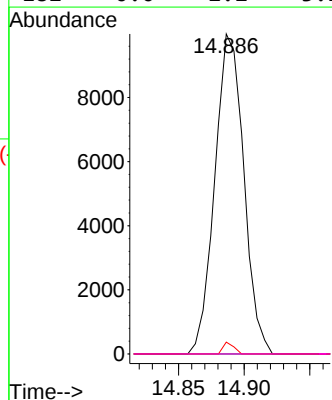
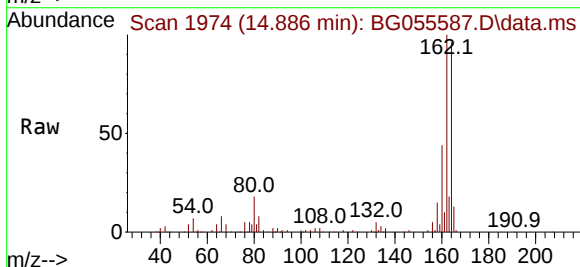
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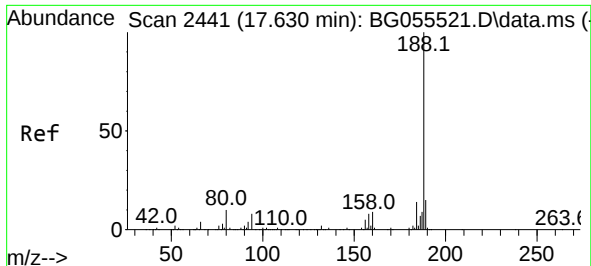
Tgt Ion:165 Resp: 15316
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 3.7 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.368 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.347 min
Lab File: BG055587.D
Acq: 12 Nov 2022 12:55

Tgt Ion:165 Resp: 15316
Ion Ratio Lower Upper
165 100
63 0.0 37.0 55.4#
89 3.7 58.6 87.8#
182 0.0 2.2 3.2#

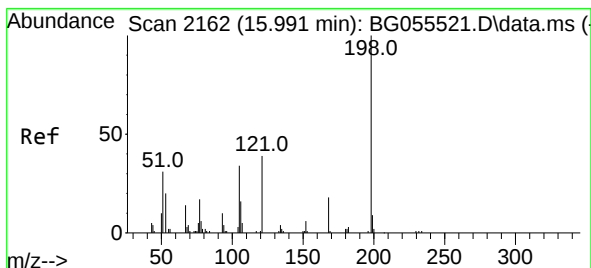
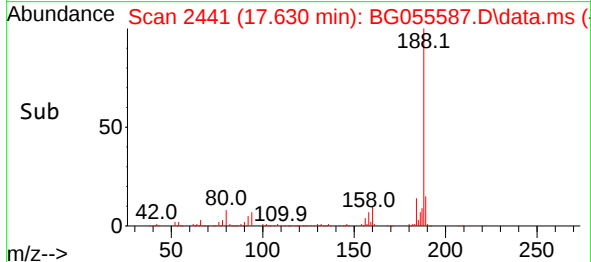
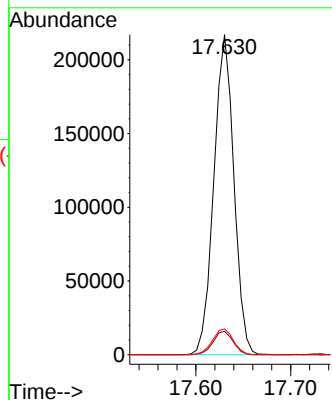
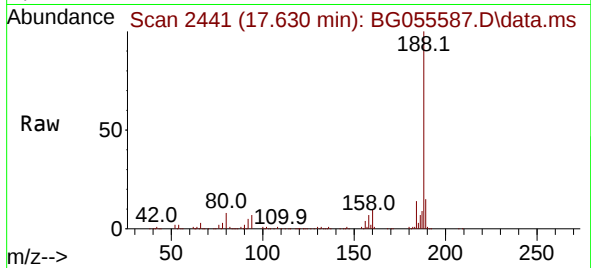




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BG055587.D
Acq: 12 Nov 2022 12:55

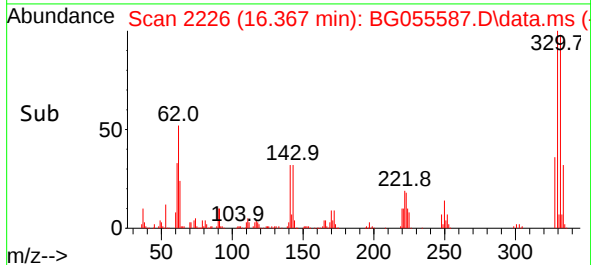
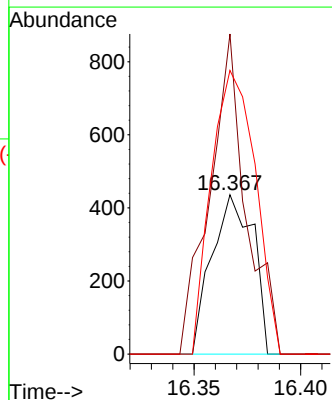
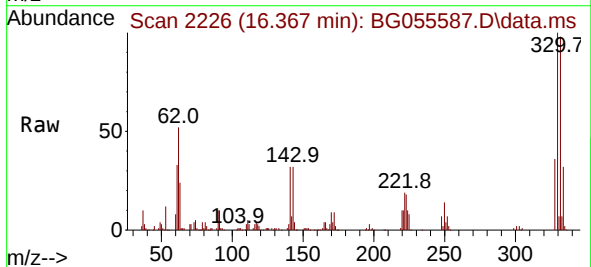
Instrument :
BNA_G
ClientSampleId :
PB148983BL

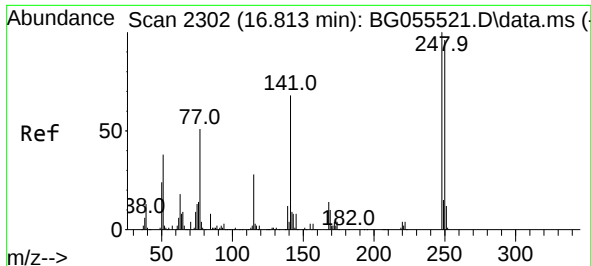
Tgt Ion:188 Resp: 317883
Ion Ratio Lower Upper
188 100
94 7.3 6.4 9.6
80 8.1 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.662 ng
RT: 16.367 min Scan# 2226
Delta R.T. 0.376 min
Lab File: BG055587.D
Acq: 12 Nov 2022 12:55

Tgt Ion:198 Resp: 589
Ion Ratio Lower Upper
198 100
51 200.9 24.7 64.7#
105 178.0 17.6 57.6#





#67

4-Bromophenyl-phenylether

Concen: 4.971 ng

RT: 16.373 min Scan# 21

Delta R.T. -0.440 min

Lab File: BG055587.D

Acq: 12 Nov 2022 12:55

Instrument :

BNA_G

ClientSampleId :

PB148983BL

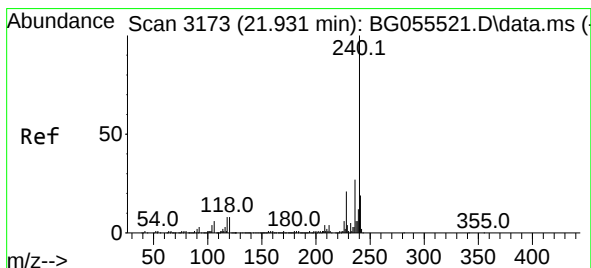
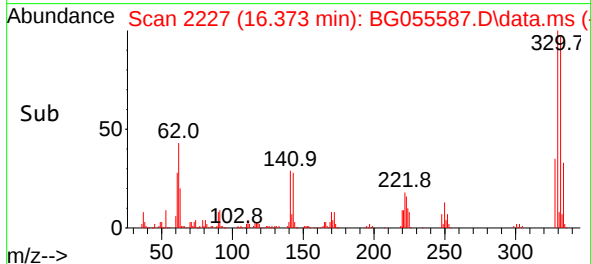
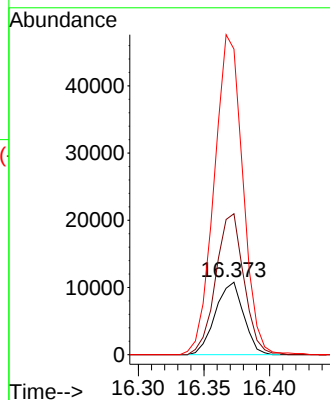
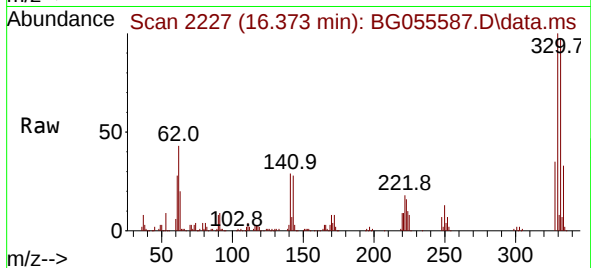
Tgt Ion:248 Resp: 16119

Ion Ratio Lower Upper

248 100

250 194.5 76.9 115.3#

141 421.5 54.3 81.5#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.925 min Scan# 3172

Delta R.T. -0.006 min

Lab File: BG055587.D

Acq: 12 Nov 2022 12:55

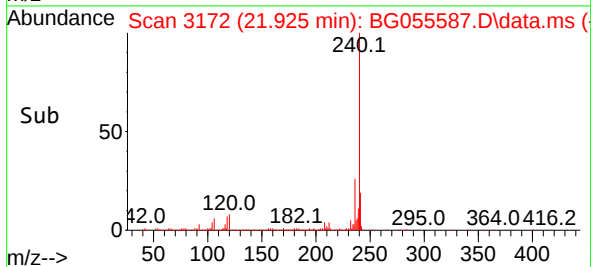
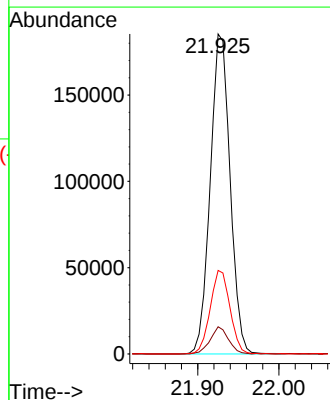
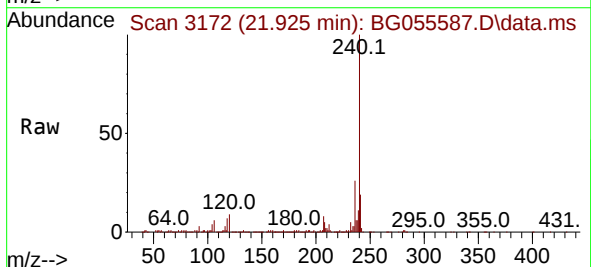
Tgt Ion:240 Resp: 314514

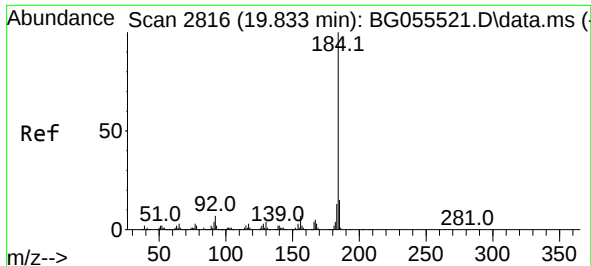
Ion Ratio Lower Upper

240 100

120 8.5 6.1 9.1

236 26.1 21.4 32.0

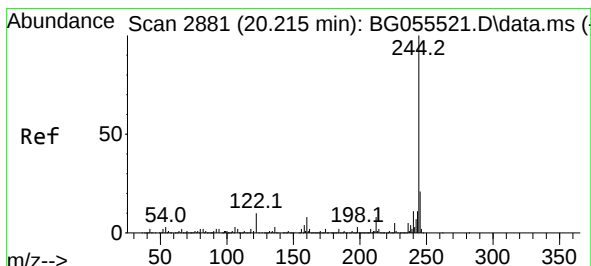
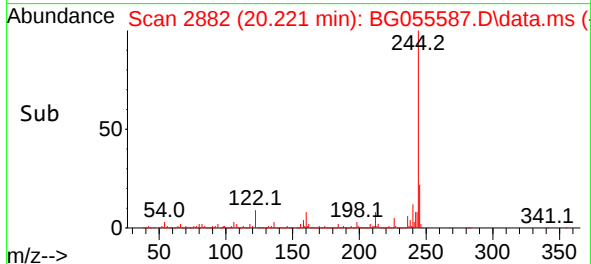
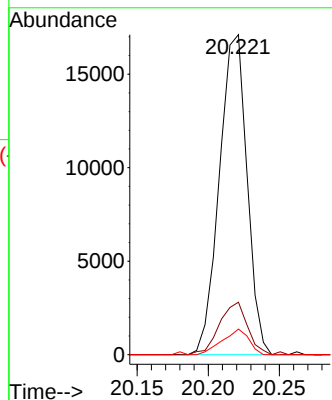
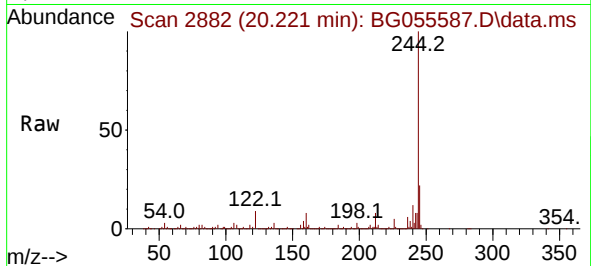




#77
Benzidine
Concen: 2.725 ng
RT: 20.221 min Scan# 2882
Delta R.T. 0.388 min
Lab File: BG055587.D
Acq: 12 Nov 2022 12:55

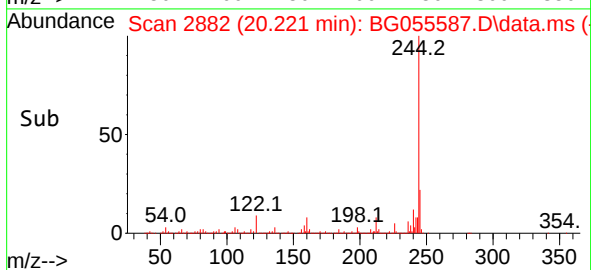
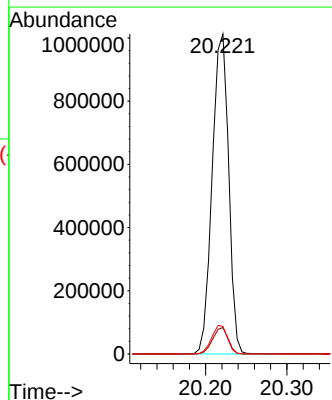
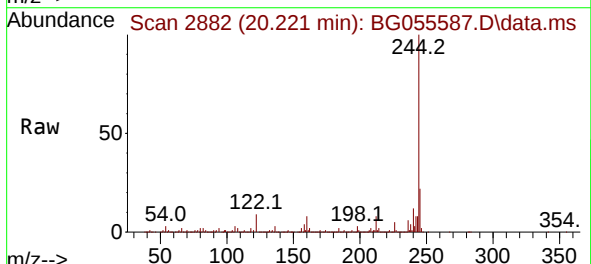
Instrument :
BNA_G
ClientSampleId :
PB148983BL

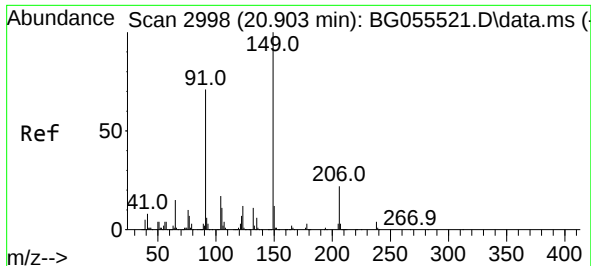
Tgt Ion:184 Resp: 23184
Ion Ratio Lower Upper
184 100
185 16.4 12.0 18.0
183 8.0 10.2 15.2#



#79
Terphenyl-d14
Concen: 90.732 ng
RT: 20.221 min Scan# 2882
Delta R.T. 0.006 min
Lab File: BG055587.D
Acq: 12 Nov 2022 12:55

Tgt Ion:244 Resp: 1420744
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 8.5 7.7 11.5

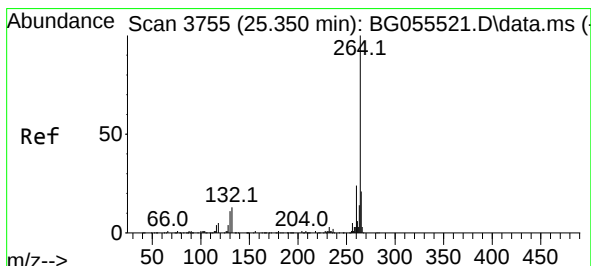
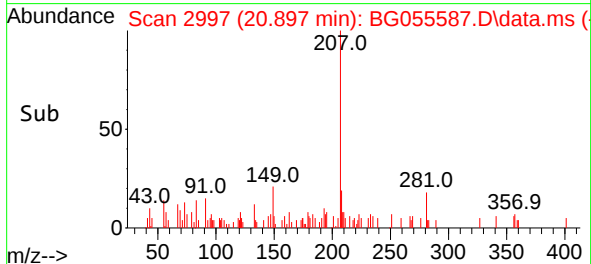
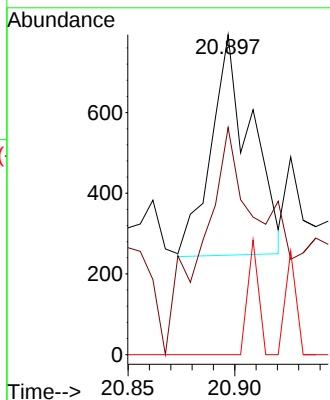
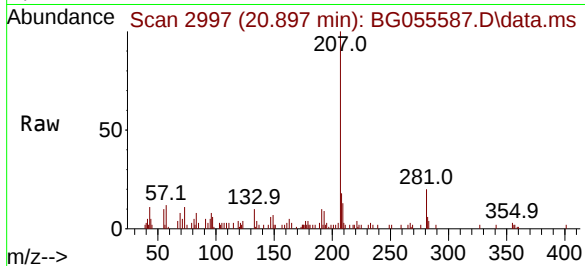




#80
Butylbenzylphthalate
Concen: 3.445 ng
RT: 20.897 min Scan# 2997
Delta R.T. -0.006 min
Lab File: BG055587.D
Acq: 12 Nov 2022 12:55

Instrument :
BNA_G
ClientSampleId :
PB148983BL

Tgt Ion:149 Resp: 707
Ion Ratio Lower Upper
149 100
91 71.0 56.8 85.2
206 0.0 17.3 25.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.356 min Scan# 3756
Delta R.T. 0.006 min
Lab File: BG055587.D
Acq: 12 Nov 2022 12:55

Tgt Ion:264 Resp: 325563
Ion Ratio Lower Upper
264 100
260 24.6 19.4 29.2
265 23.2 17.1 25.7

