

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101122\
 Data File : BG055122.D
 Acq On : 11 Oct 2022 10:51
 Operator : CG/JU
 Sample : PB148225BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148225BL

Quant Time: Oct 12 06:17:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100322.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 08 03:04:59 2022
 Response via : Initial Calibration

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

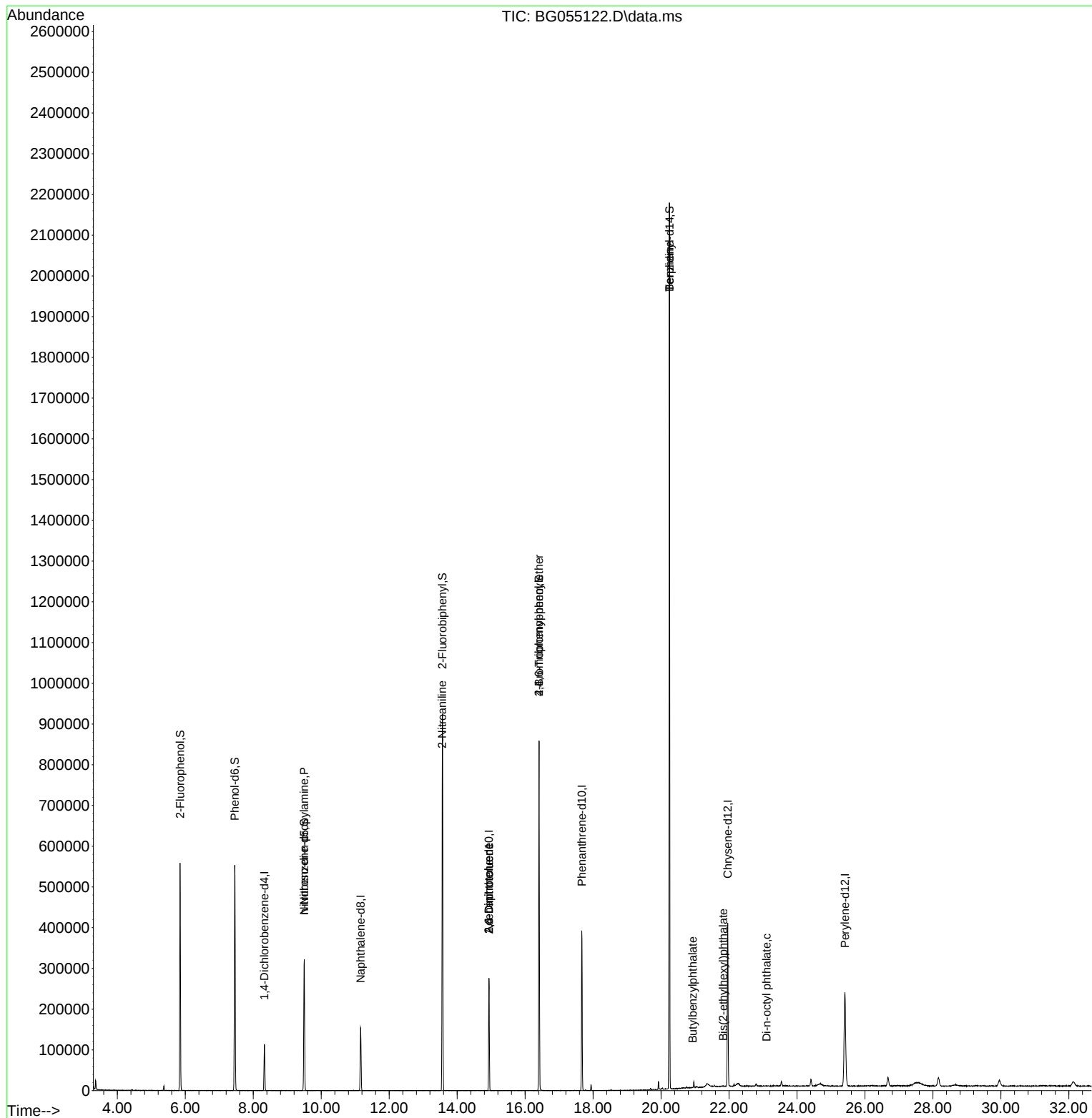
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.325	152	31930	20.000	ng	-0.01
21) Naphthalene-d8	11.157	136	135853	20.000	ng	-0.01
39) Acenaphthene-d10	14.935	164	99069	20.000	ng	0.00
64) Phenanthrene-d10	17.667	188	252655	20.000	ng	0.00
76) Chrysene-d12	21.962	240	264673	20.000	ng	0.00
86) Perylene-d12	25.411	264	278523	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.846	112	231194	160.825	ng	0.00
7) Phenol-d6	7.456	99	304583	141.410	ng	0.00
23) Nitrobenzene-d5	9.500	82	191242	84.117	ng	0.00
42) 2,4,6-Tribromophenol	16.410	330	174678	167.752	ng	0.00
45) 2-Fluorobiphenyl	13.566	172	491546	77.458	ng	0.00
79) Terphenyl-d14	20.247	244	1052759	80.394	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.500	70	26961	12.922	ng	# 77
48) 2-Nitroaniline	13.560	65	651	4.469	ng	# 1
51) 2,6-Dinitrotoluene	14.935	165	12862	12.160	ng	# 14
57) 2,4-Dinitrotoluene	14.935	165	12862	9.931	ng	# 16
67) 4-Bromophenyl-phenylether	16.410	248	10665	3.991	ng	# 1
77) Benzidine	20.247	184	15566	3.414	ng	# 94
80) Butylbenzylphthalate	20.928	149	138	4.861	ng	# 23
84) Bis(2-ethylhexyl)phtha...	21.827	149	874	4.198	ng	# 54
85) Di-n-octyl phthalate	23.108	149	357	4.364	ng	# 1

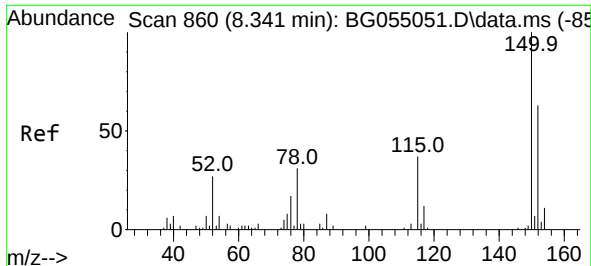
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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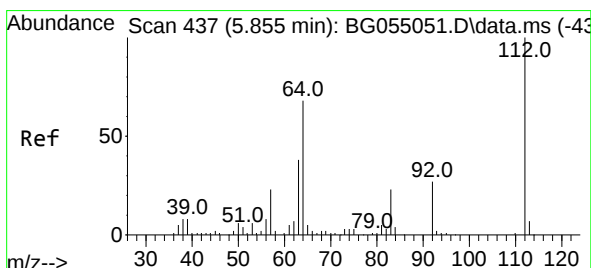
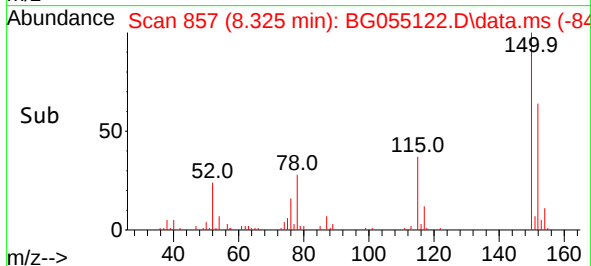
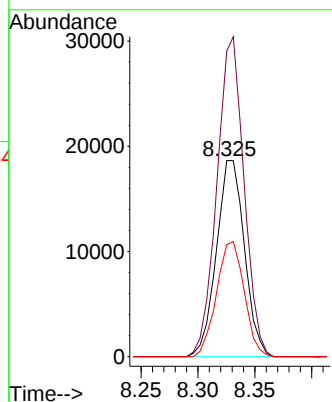
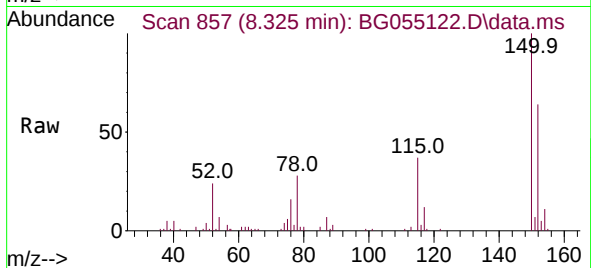




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.325 min Scan# 81
Delta R.T. -0.013 min
Lab File: BG055122.D
Acq: 11 Oct 2022 10:51

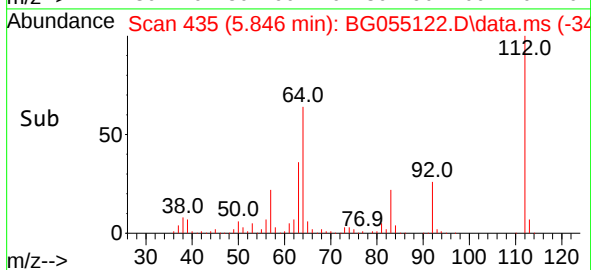
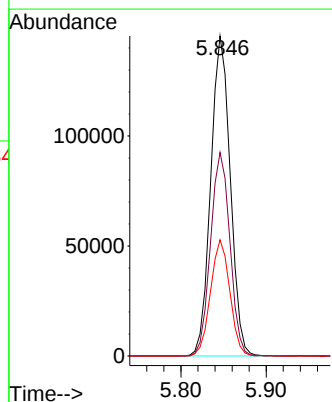
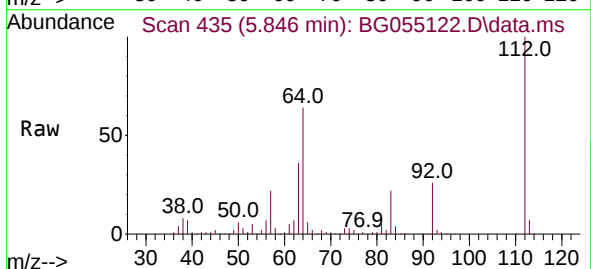
Instrument :
BNA_G
ClientSampleId :
PB148225BL

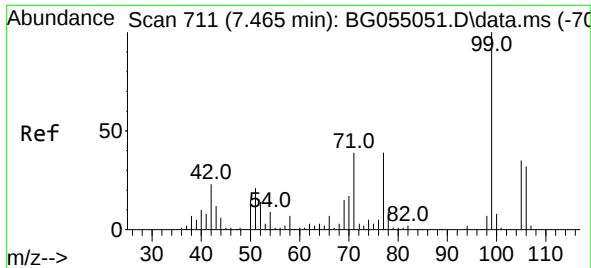
Tgt Ion:152 Resp: 31930
Ion Ratio Lower Upper
152 100
150 155.7 128.0 192.0
115 57.2 47.7 71.5



#5
2-Fluorophenol
Concen: 160.825 ng
RT: 5.846 min Scan# 435
Delta R.T. -0.007 min
Lab File: BG055122.D
Acq: 11 Oct 2022 10:51

Tgt Ion:112 Resp: 231194
Ion Ratio Lower Upper
112 100
64 63.6 54.5 81.7
63 36.3 30.5 45.7

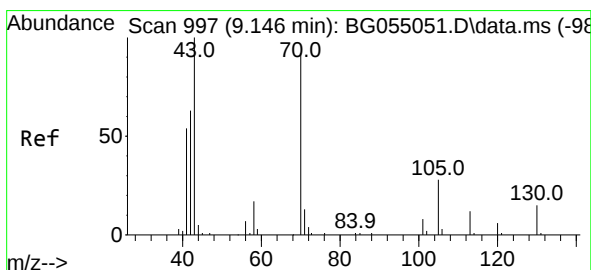
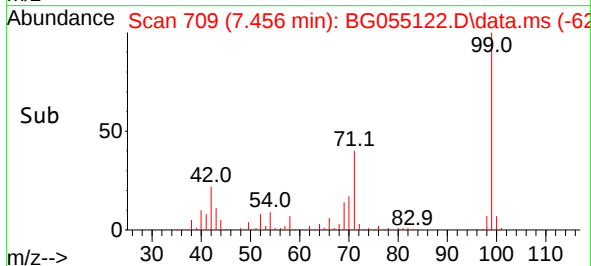
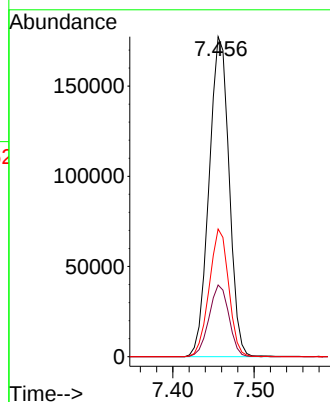
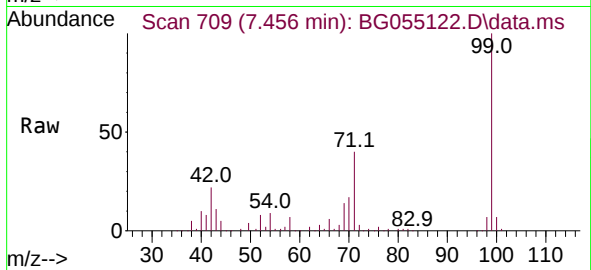




#7
Phenol-d6
Concen: 141.410 ng
RT: 7.456 min Scan# 709
Delta R.T. -0.007 min
Lab File: BG055122.D
Acq: 11 Oct 2022 10:51

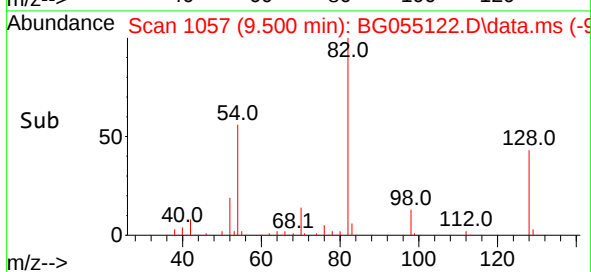
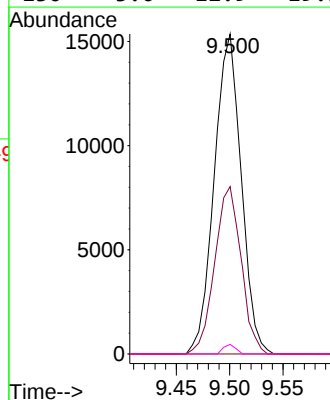
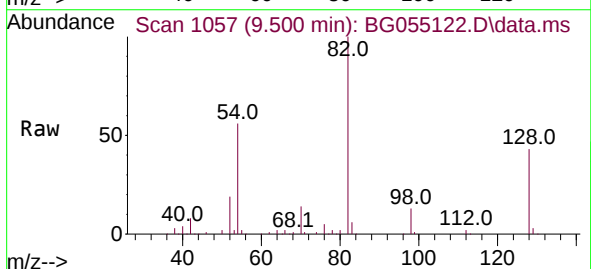
Instrument :
BNA_G
ClientSampleId :
PB148225BL

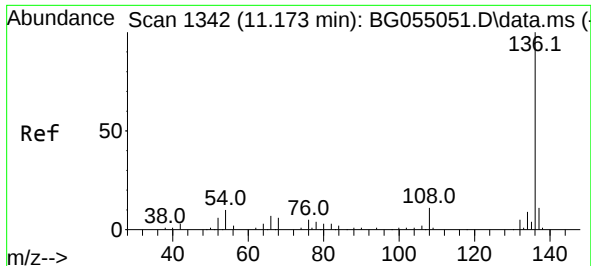
Tgt Ion: 99 Resp: 304583
Ion Ratio Lower Upper
99 100
42 22.4 18.6 28.0
71 39.9 31.2 46.8



#19
n-Nitroso-di-n-propylamine
Concen: 12.922 ng
RT: 9.500 min Scan# 1057
Delta R.T. 0.364 min
Lab File: BG055122.D
Acq: 11 Oct 2022 10:51

Tgt Ion: 70 Resp: 26961
Ion Ratio Lower Upper
70 100
42 52.3 55.8 83.6#
101 0.0 7.1 10.7#
130 3.0 12.9 19.3#

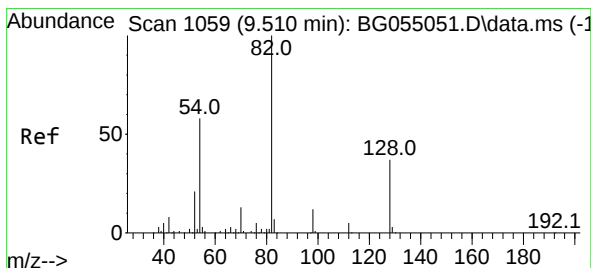
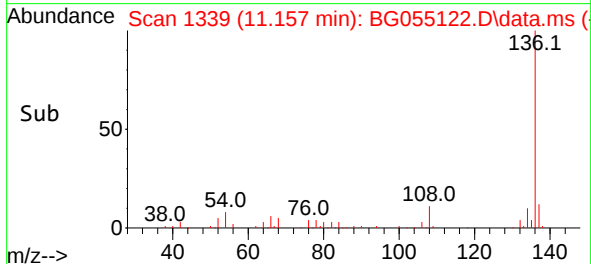
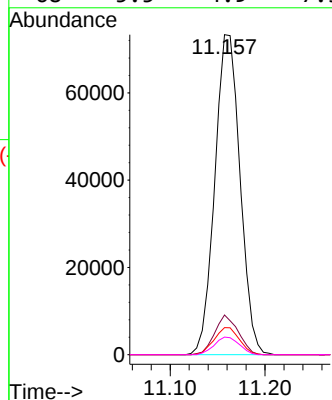
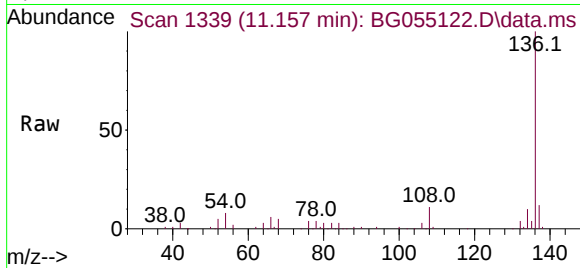




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.157 min Scan# 111
Delta R.T. -0.012 min
Lab File: BG055122.D
Acq: 11 Oct 2022 10:51

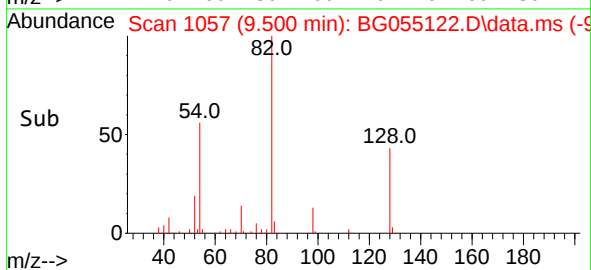
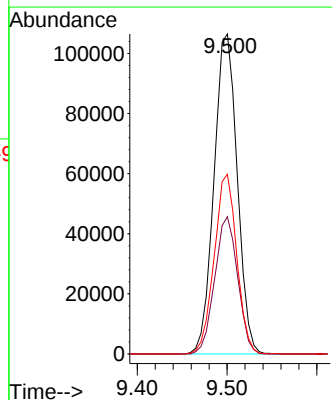
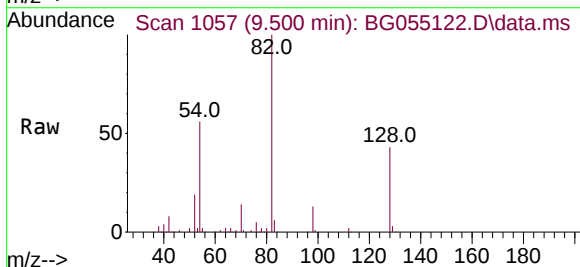
Instrument :
BNA_G
ClientSampleId :
PB148225BL

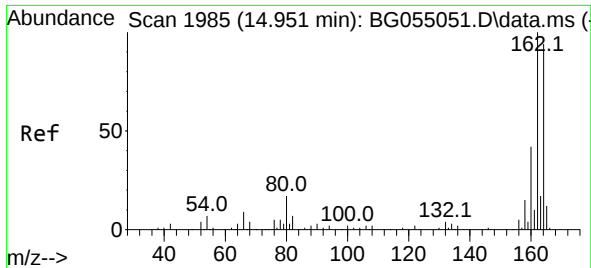
Tgt Ion:	136	Resp:	135853
Ion Ratio	Lower	Upper	
136	100		
137	12.4	8.7	13.1
54	8.4	8.2	12.4
68	5.5	4.9	7.3



#23
Nitrobenzene-d5
Concen: 84.117 ng
RT: 9.500 min Scan# 1057
Delta R.T. -0.007 min
Lab File: BG055122.D
Acq: 11 Oct 2022 10:51

Tgt Ion:	82	Resp:	191242
Ion Ratio	Lower	Upper	
82	100		
128	42.9	29.5	44.3
54	56.1	46.7	70.1

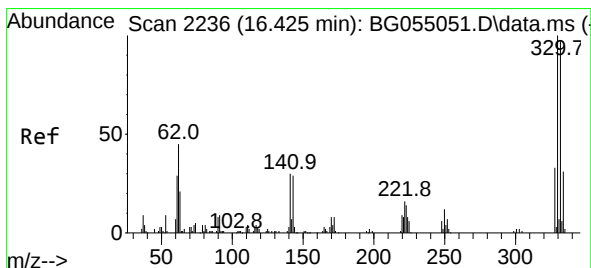
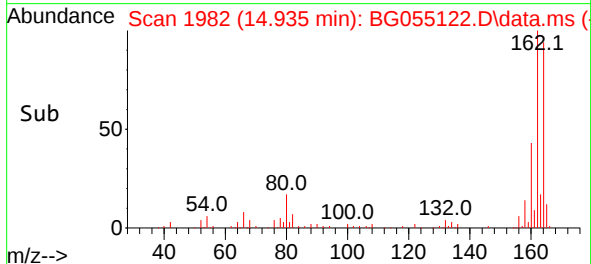
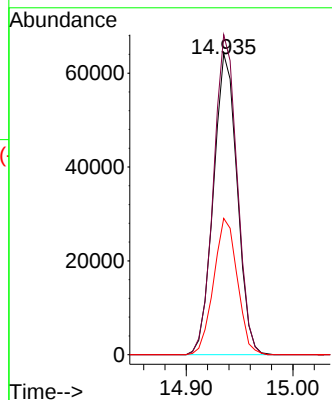
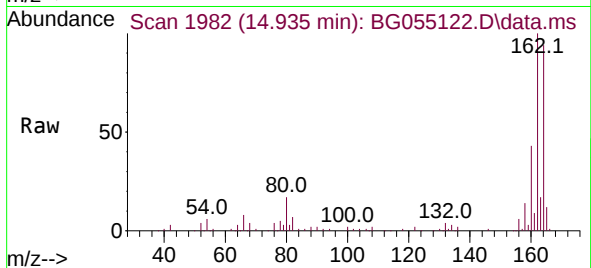




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.935 min Scan# 1982
 Delta R.T. -0.007 min
 Lab File: BG055122.D
 Acq: 11 Oct 2022 10:51

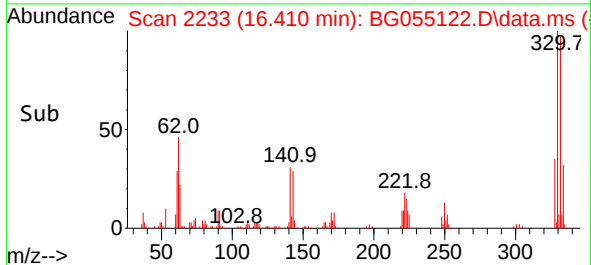
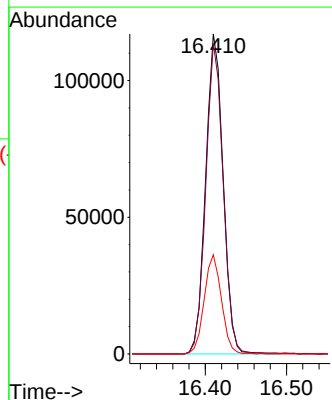
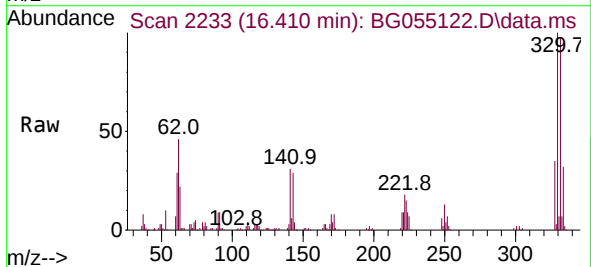
Instrument :
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 ClientSampleId :
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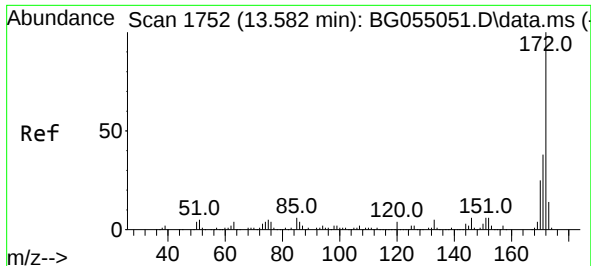
Tgt Ion:164 Resp: 99069
 Ion Ratio Lower Upper
 164 100
 162 106.4 85.5 128.3
 160 45.3 35.5 53.3



#42
 2,4,6-Tribromophenol
 Concen: 167.752 ng
 RT: 16.410 min Scan# 2233
 Delta R.T. -0.007 min
 Lab File: BG055122.D
 Acq: 11 Oct 2022 10:51

Tgt Ion:330 Resp: 174678
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.0
 141 30.6 25.0 37.4

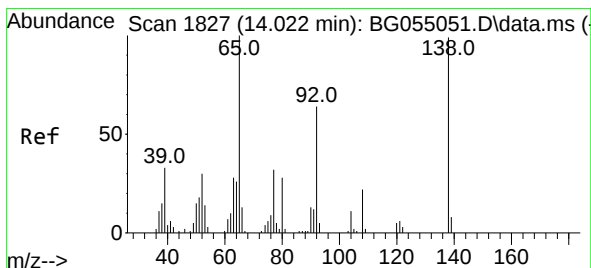
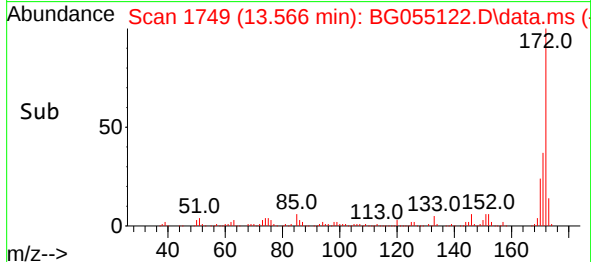
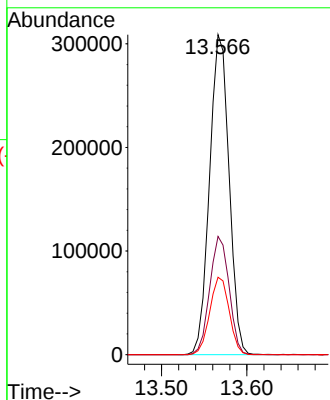
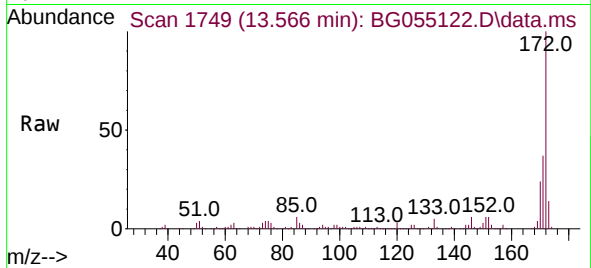




#45
2-Fluorobiphenyl
Concen: 77.458 ng
RT: 13.566 min Scan# 1749
Delta R.T. -0.007 min
Lab File: BG055122.D
Acq: 11 Oct 2022 10:51

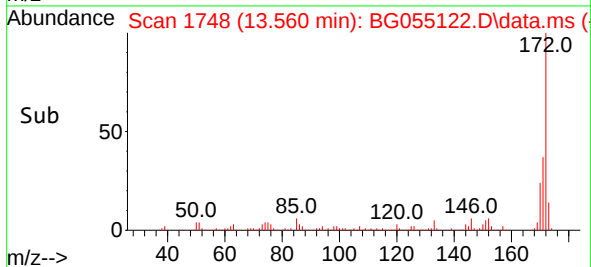
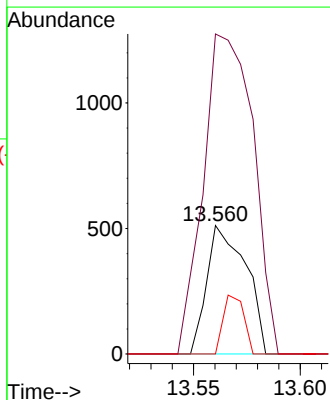
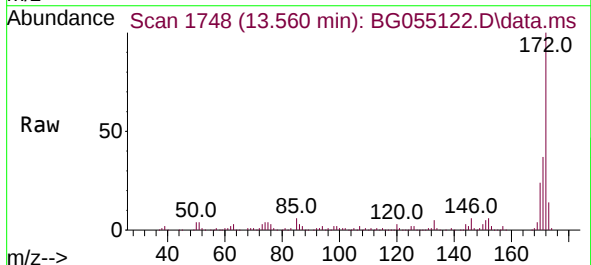
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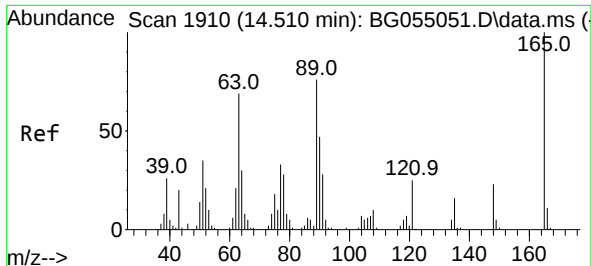
Tgt Ion:172 Resp: 491546
Ion Ratio Lower Upper
172 100
171 37.0 30.1 45.1
170 24.2 20.0 30.0



#48
2-Nitroaniline
Concen: 4.469 ng
RT: 13.560 min Scan# 1748
Delta R.T. -0.459 min
Lab File: BG055122.D
Acq: 11 Oct 2022 10:51

Tgt Ion: 65 Resp: 651
Ion Ratio Lower Upper
65 100
92 249.0 50.9 76.3#
138 0.0 79.5 119.3#

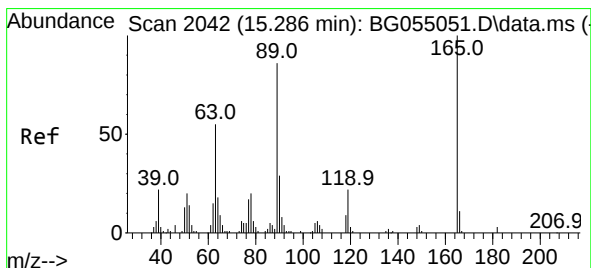
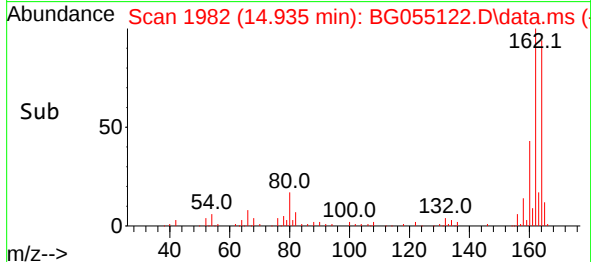
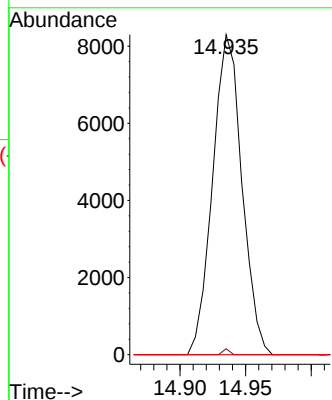
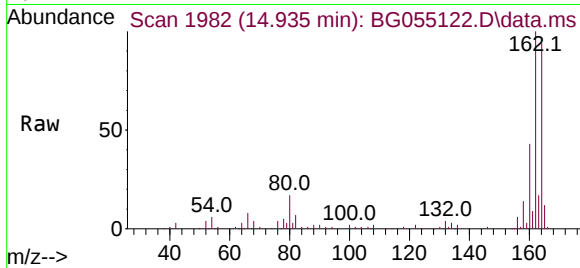




#51
2,6-Dinitrotoluene
Concen: 12.160 ng
RT: 14.935 min Scan# 1910
Delta R.T. 0.428 min
Lab File: BG055122.D
Acq: 11 Oct 2022 10:51

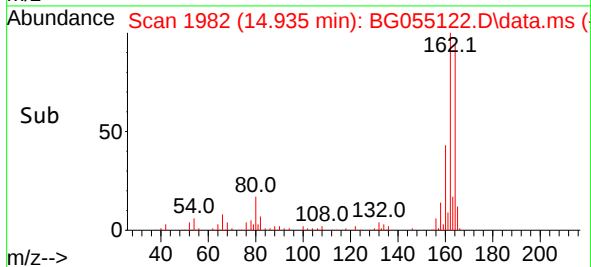
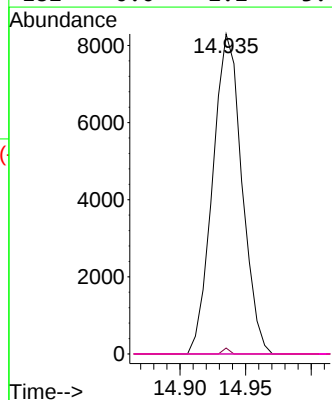
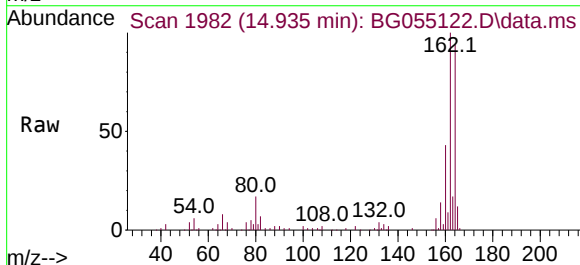
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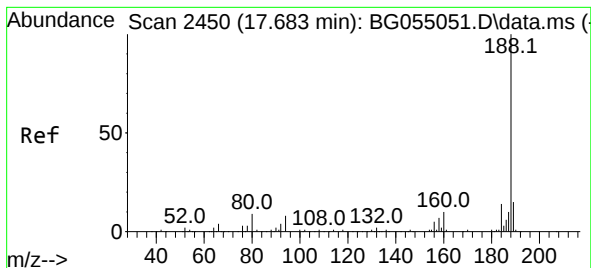
Tgt Ion:165 Resp: 12862
Ion Ratio Lower Upper
165 100
63 1.8 56.2 84.4#
89 0.0 60.4 90.6#



#57
2,4-Dinitrotoluene
Concen: 9.931 ng
RT: 14.935 min Scan# 1982
Delta R.T. -0.347 min
Lab File: BG055122.D
Acq: 11 Oct 2022 10:51

Tgt Ion:165 Resp: 12862
Ion Ratio Lower Upper
165 100
63 1.8 44.2 66.2#
89 0.0 69.0 103.6#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.667 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG055122.D

Acq: 11 Oct 2022 10:51

Instrument :

BNA_G

ClientSampleId :

PB148225BL

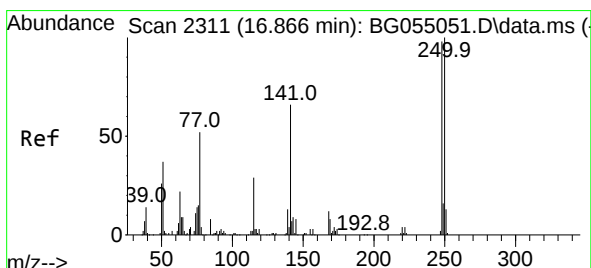
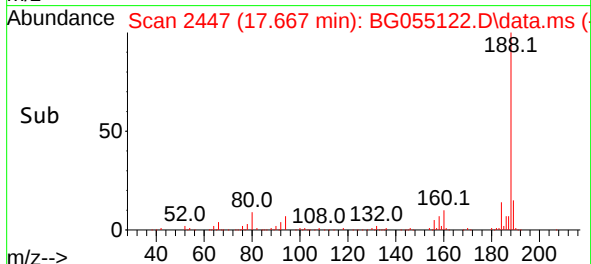
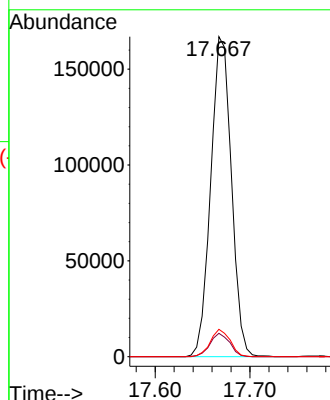
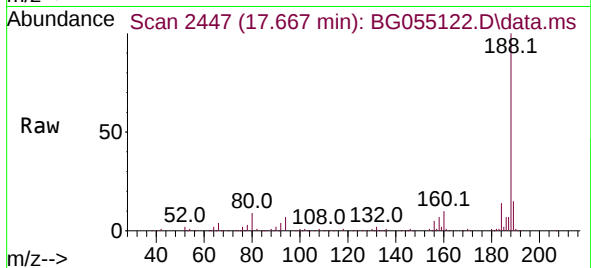
Tgt Ion:188 Resp: 252655

Ion Ratio Lower Upper

188 100

94 7.3 6.2 9.2

80 8.6 7.2 10.8



#67

4-Bromophenyl-phenylether

Concen: 3.991 ng

RT: 16.410 min Scan# 2233

Delta R.T. -0.447 min

Lab File: BG055122.D

Acq: 11 Oct 2022 10:51

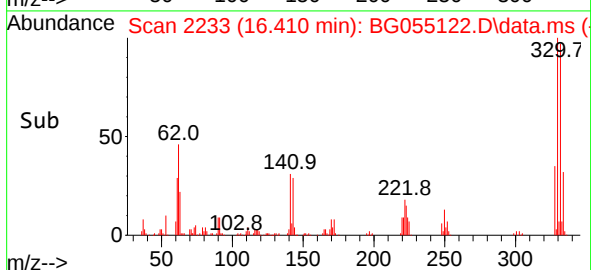
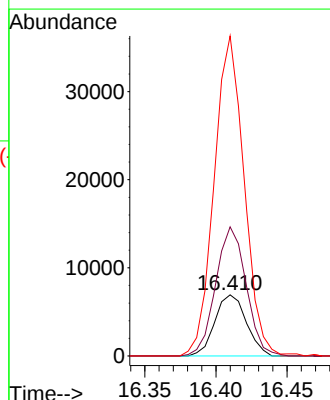
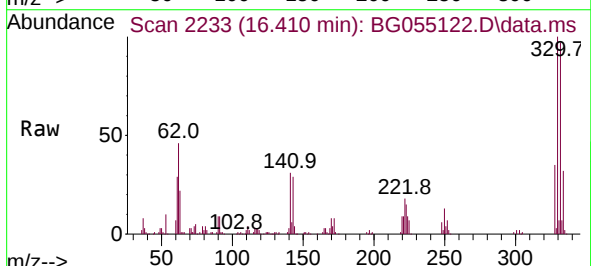
Tgt Ion:248 Resp: 10665

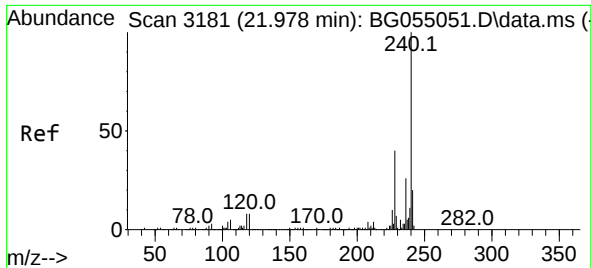
Ion Ratio Lower Upper

248 100

250 211.1 81.7 122.5#

141 523.2 53.7 80.5#

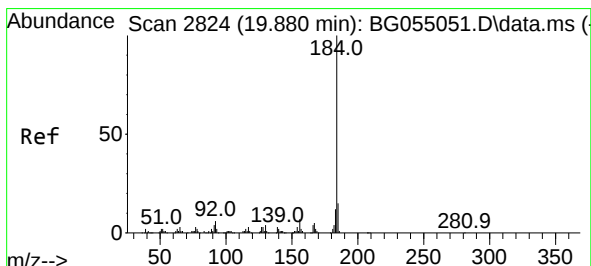
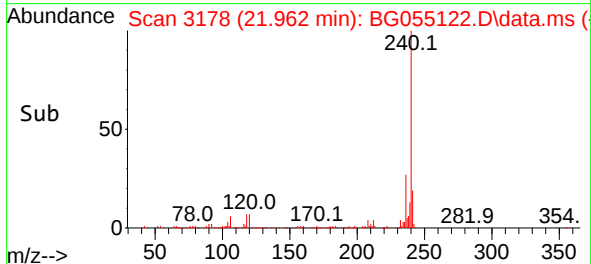
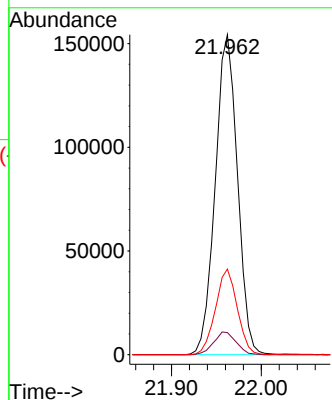
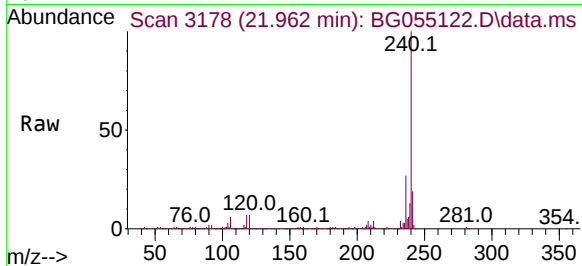




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.962 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG055122.D
Acq: 11 Oct 2022 10:51

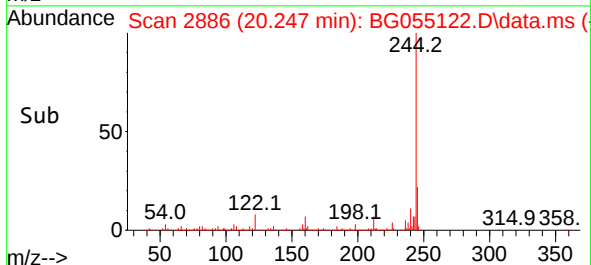
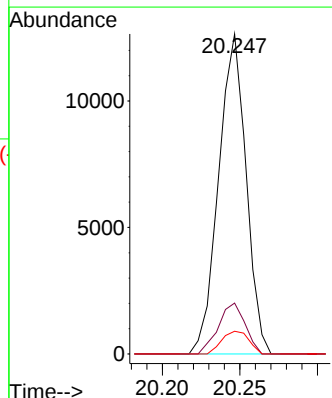
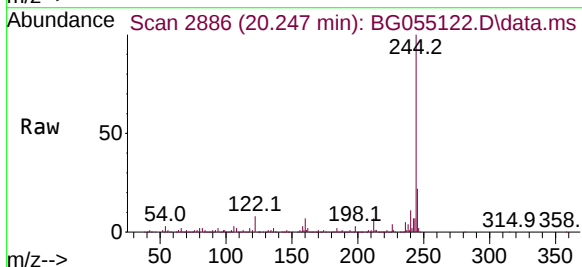
Instrument :
BNA_G
ClientSampleId :
PB148225BL

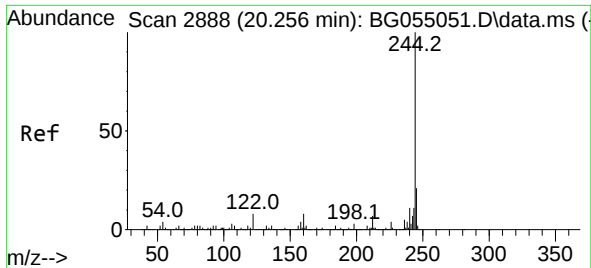
Tgt Ion:240 Resp: 264673
Ion Ratio Lower Upper
240 100
120 6.9 6.2 9.4
236 26.7 20.6 30.8



#77
Benzidine
Concen: 3.414 ng
RT: 20.247 min Scan# 2886
Delta R.T. 0.375 min
Lab File: BG055122.D
Acq: 11 Oct 2022 10:51

Tgt Ion:184 Resp: 15566
Ion Ratio Lower Upper
184 100
185 15.9 12.2 18.4
183 7.1 9.4 14.0#

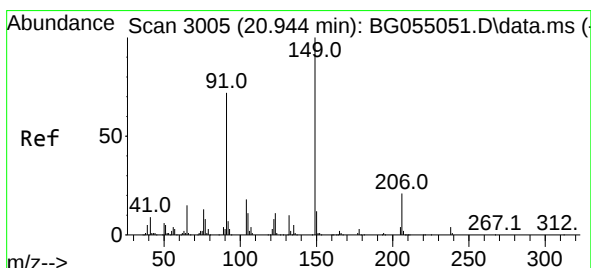
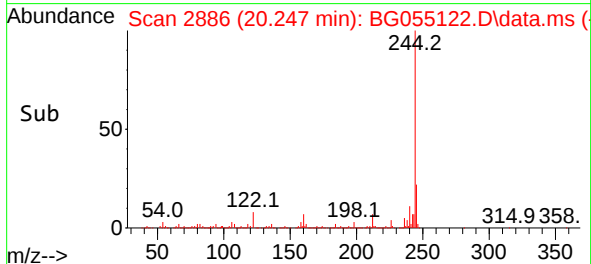
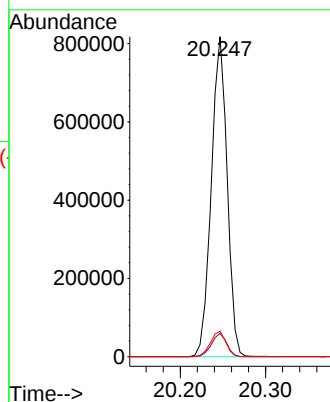
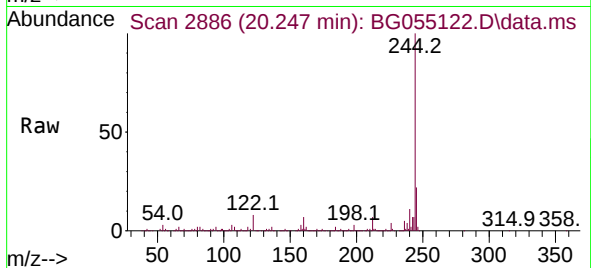




#79
 Terphenyl-d14
 Concen: 80.394 ng
 RT: 20.247 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG055122.D
 Acq: 11 Oct 2022 10:51

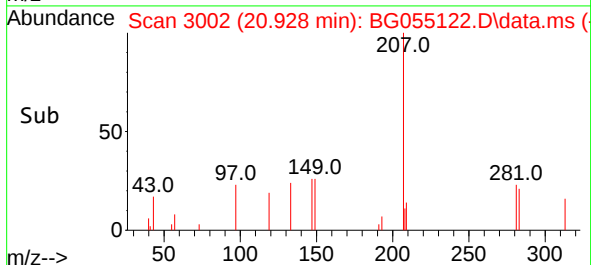
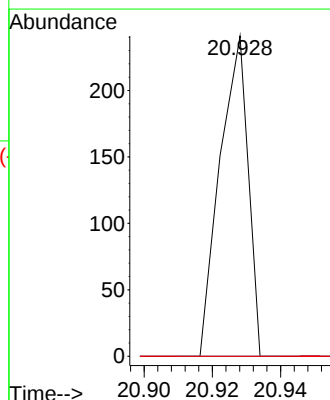
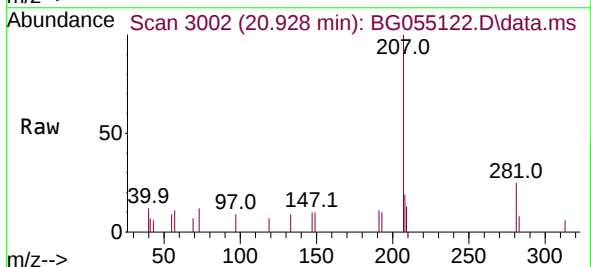
Instrument :
 BNA_G
 ClientSampleId :
 PB148225BL

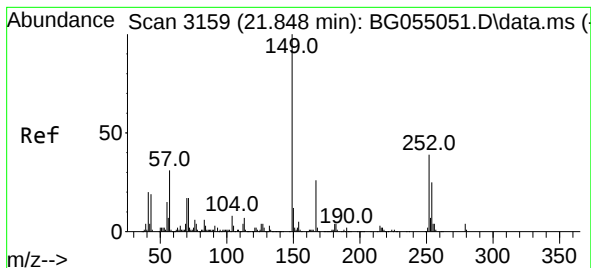
Tgt Ion:244 Resp: 1052759
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 8.0 6.6 10.0



#80
 Butylbenzylphthalate
 Concen: 4.861 ng
 RT: 20.928 min Scan# 3002
 Delta R.T. -0.007 min
 Lab File: BG055122.D
 Acq: 11 Oct 2022 10:51

Tgt Ion:149 Resp: 138
 Ion Ratio Lower Upper
 149 100
 91 0.0 57.8 86.8#
 206 0.0 16.9 25.3#

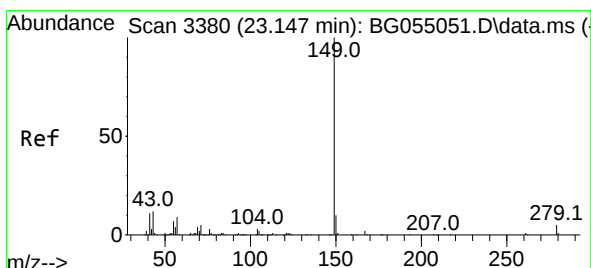
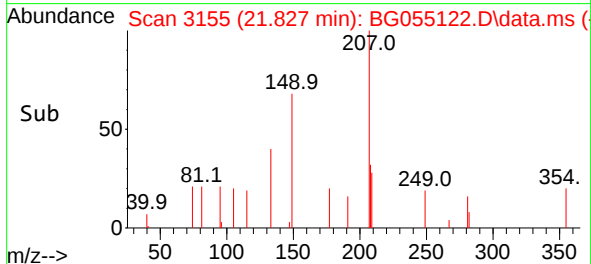
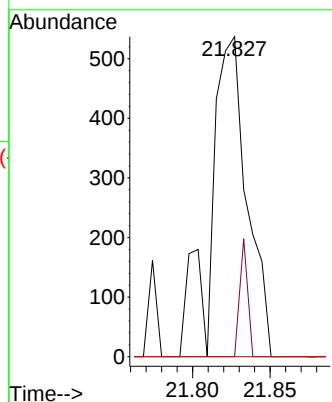
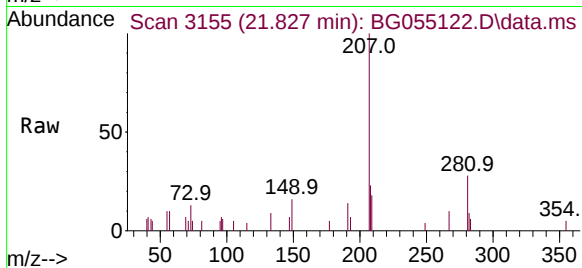




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 4.198 ng
 RT: 21.827 min Scan# 3155
 Delta R.T. -0.007 min
 Lab File: BG055122.D
 Acq: 11 Oct 2022 10:51

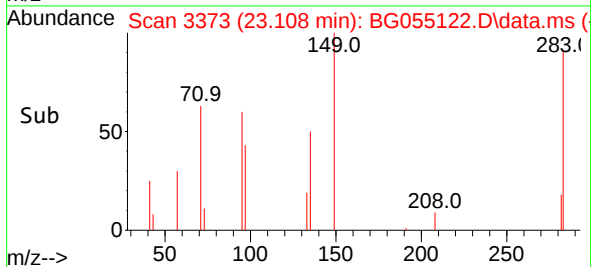
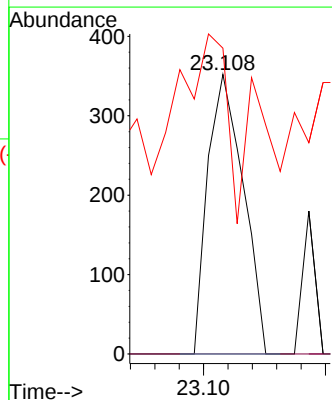
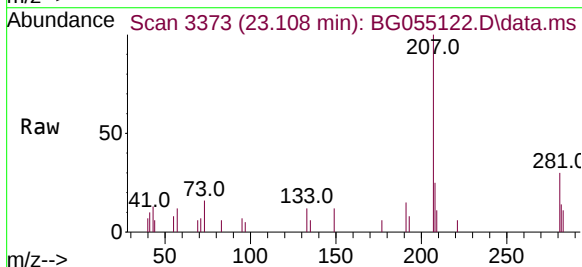
Instrument :
 BNA_G
 ClientSampleId :
 PB148225BL

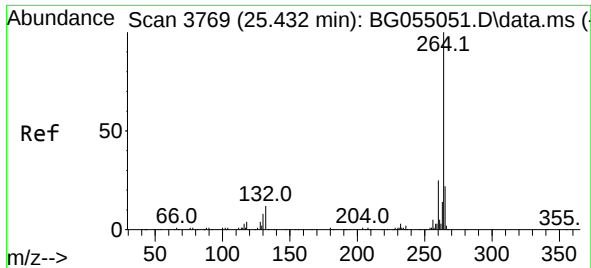
Tgt Ion:149 Resp: 874
 Ion Ratio Lower Upper
 149 100
 167 0.0 21.0 31.4#
 279 0.0 3.4 5.2#



#85
 Di-n-octyl phthalate
 Concen: 4.364 ng
 RT: 23.108 min Scan# 3373
 Delta R.T. -0.018 min
 Lab File: BG055122.D
 Acq: 11 Oct 2022 10:51

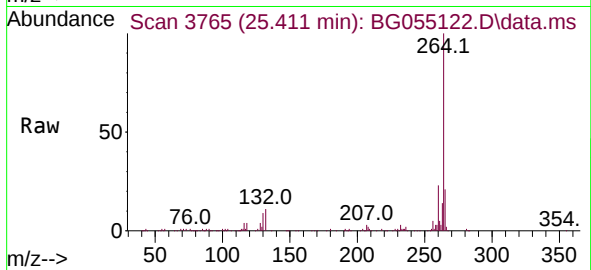
Tgt Ion:149 Resp: 357
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.3 1.9#
 43 91.3 10.2 15.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.411 min Scan# 31
Delta R.T. -0.007 min
Lab File: BG055122.D
Acq: 11 Oct 2022 10:51

Instrument :
BNA_G
ClientSampleId :
PB148225BL



Tgt Ion:264 Resp: 278523

Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.7	29.5
265	20.8	17.8	26.6

