

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055548.D
 Acq On : 10 Nov 2022 20:57
 Operator : CG/JU
 Sample : N5495-08
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-29B

Quant Time: Nov 11 02:02:37 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)

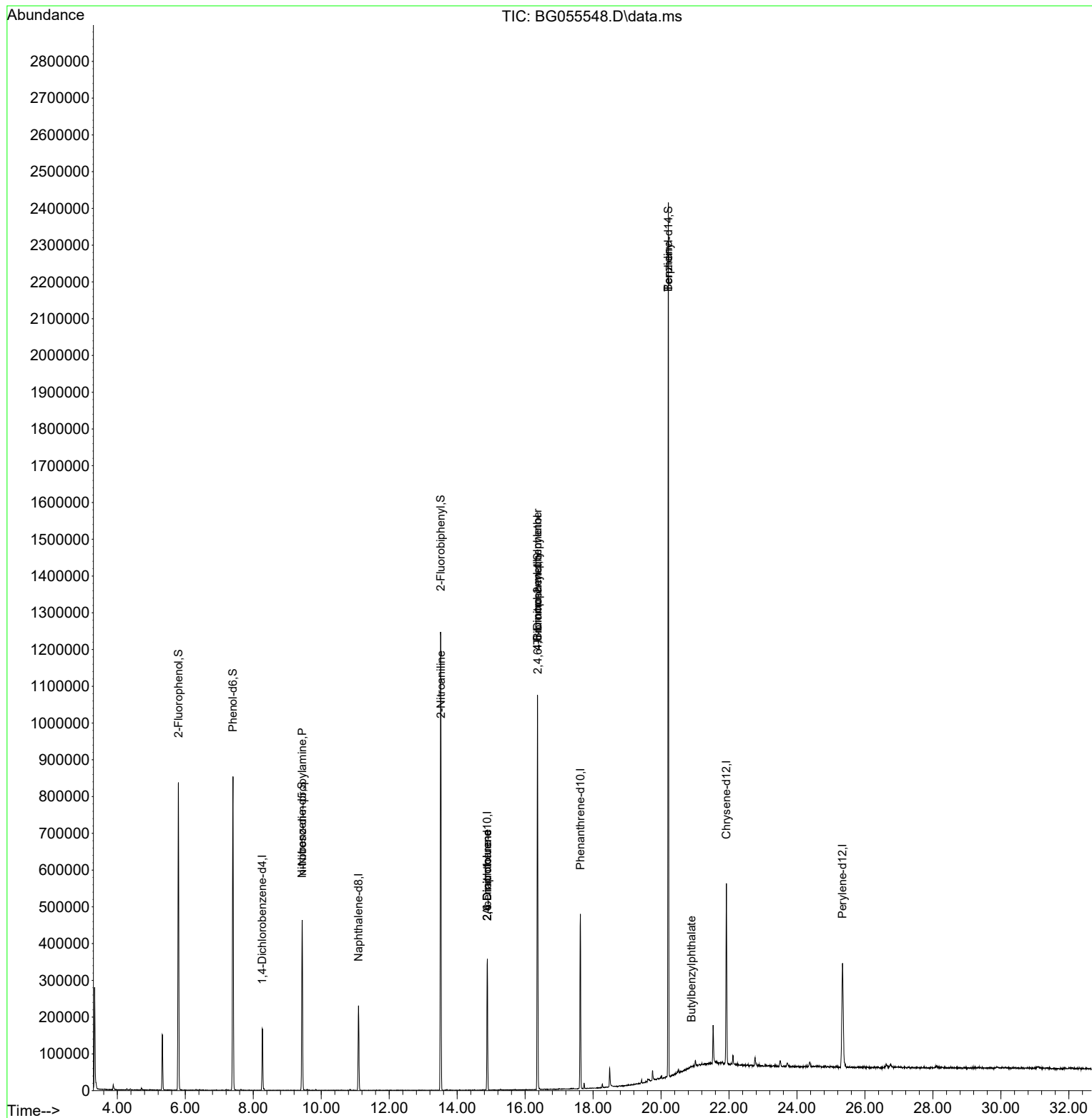
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.266	152	46555	20.000	ng	0.00
21) Naphthalene-d8	11.098	136	188187	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	127167	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	305871	20.000	ng	0.00
76) Chrysene-d12	21.920	240	304654	20.000	ng	-0.01
86) Perylene-d12	25.340	264	316740	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.798	112	358123	146.520	ng	0.00
7) Phenol-d6	7.402	99	463377	137.247	ng	0.00
23) Nitrobenzene-d5	9.435	82	273178	98.409	ng	-0.01
42) 2,4,6-Tribromophenol	16.368	330	203834	164.280	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	662570	78.591	ng	0.00
79) Terphenyl-d14	20.216	244	1173582	77.373	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.441	70	36239	12.988	ng	# 81
48) 2-Nitroaniline	13.524	65	1152	4.360	ng	# 1
51) 2,6-Dinitrotoluene	14.881	165	16394	12.170	ng	# 20
57) 2,4-Dinitrotoluene	14.881	165	16394	10.378	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.362	198	560	2.653	ng	# 1
67) 4-Bromophenyl-phenylether	16.362	248	13080	4.192	ng	# 1
77) Benzidine	20.210	184	19867	2.410	ng	# 90
80) Butylbenzylphthalate	20.892	149	278	3.397	ng	# 67

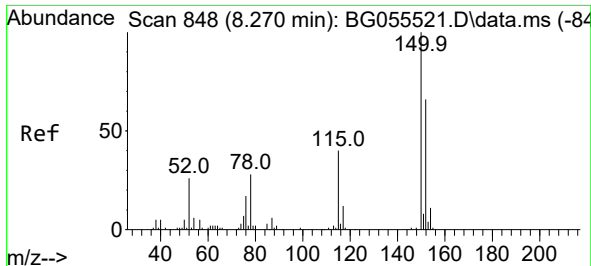
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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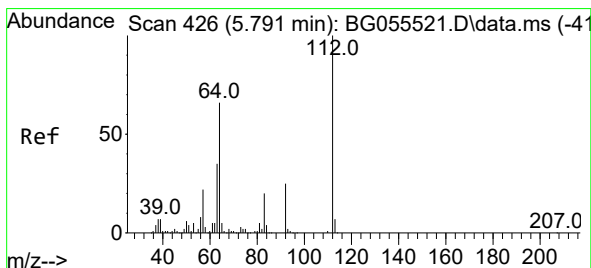
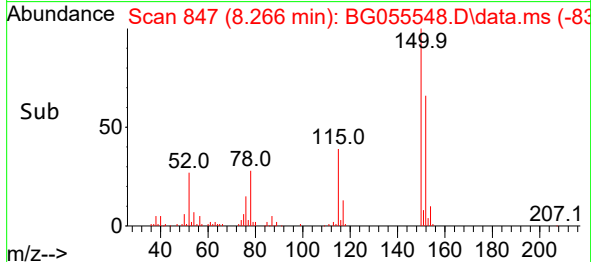
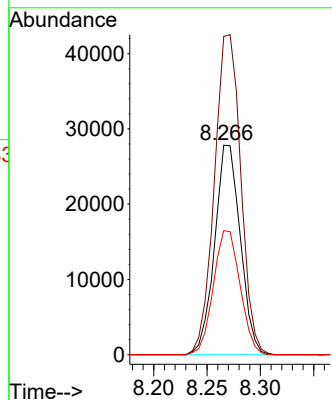
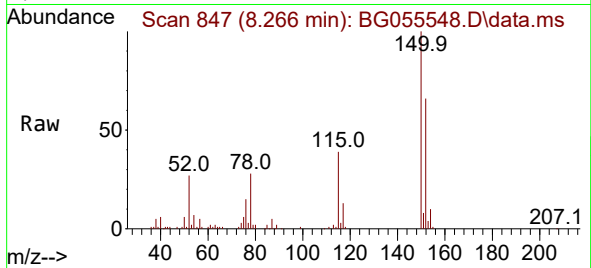




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.266 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

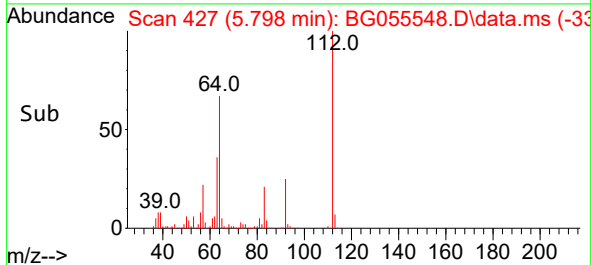
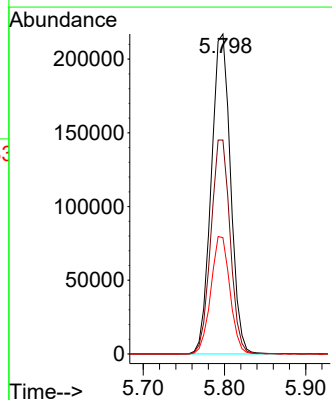
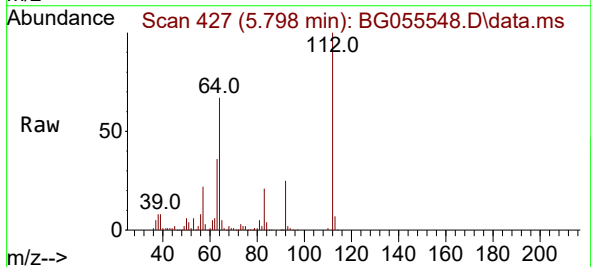
Instrument :
BNA_G
ClientSampleId :
SB-29B

Tgt Ion:152 Resp: 46555
Ion Ratio Lower Upper
152 100
150 152.0 121.0 181.4
115 59.2 47.8 71.8



#5
2-Fluorophenol
Concen: 146.520 ng
RT: 5.798 min Scan# 427
Delta R.T. 0.007 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

Tgt Ion:112 Resp: 358123
Ion Ratio Lower Upper
112 100
64 66.8 52.6 78.8
63 36.3 28.3 42.5



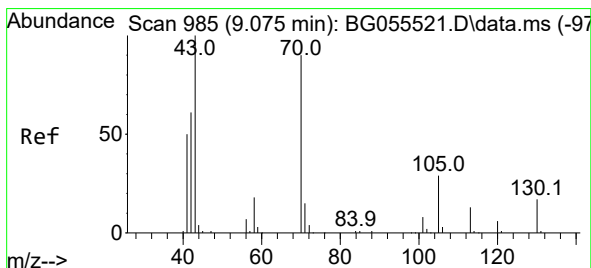
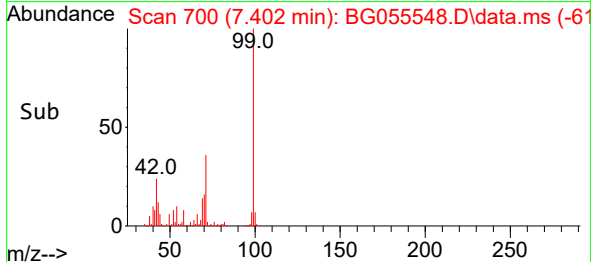
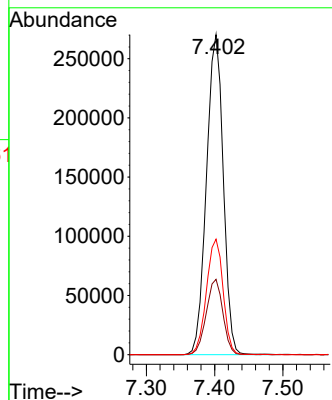
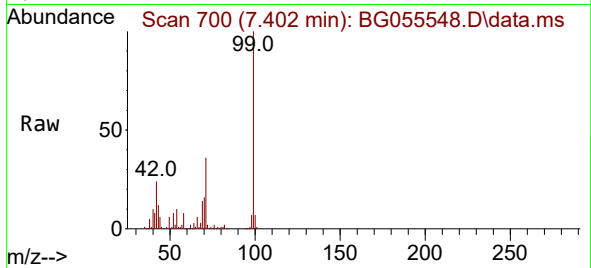


#7
Phenol-d6
Concen: 137.247 ng
RT: 7.402 min Scan# 700
Delta R.T. 0.001 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

Instrument :
BNA_G
ClientSampleId :
SB-29B

Tgt Ion: 99 Resp: 463377

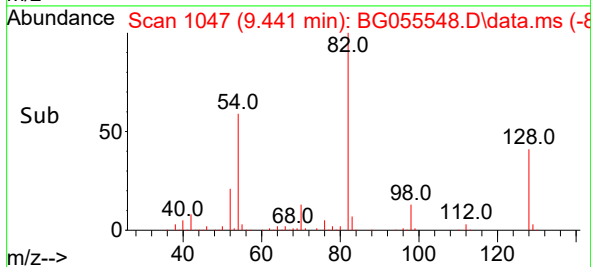
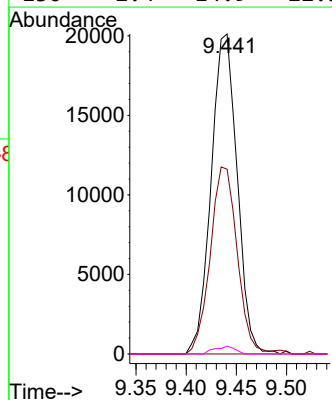
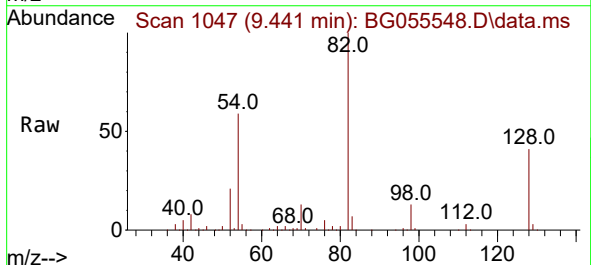
Ion	Ratio	Lower	Upper
99	100		
42	23.6	17.5	26.3
71	36.1	28.3	42.5

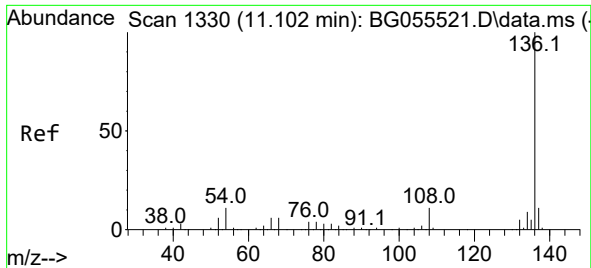


#19
n-Nitroso-di-n-propylamine
Concen: 12.988 ng
RT: 9.441 min Scan# 1047
Delta R.T. 0.366 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

Tgt Ion: 70 Resp: 36239

Ion	Ratio	Lower	Upper
70	100		
42	57.8	54.8	82.2
101	0.0	6.8	10.2#
130	2.4	14.9	22.3#

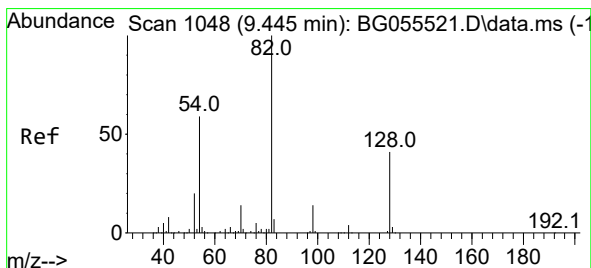
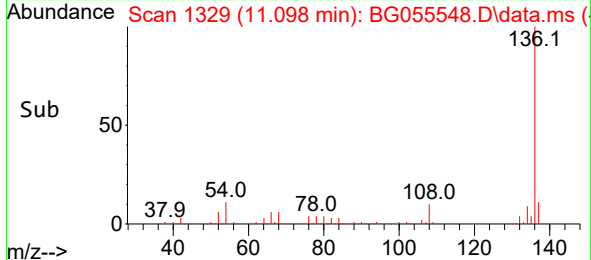
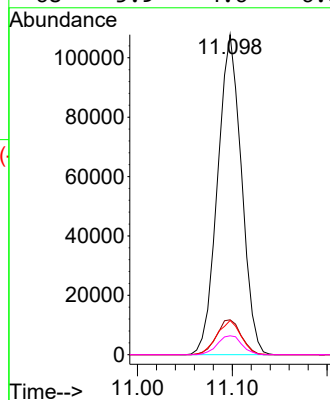
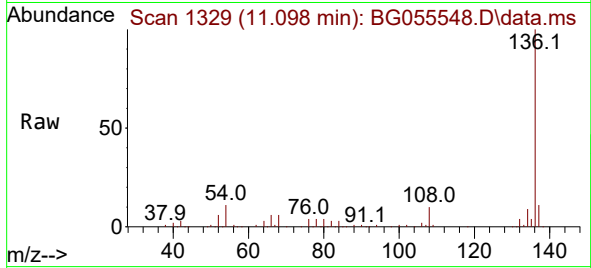




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.098 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

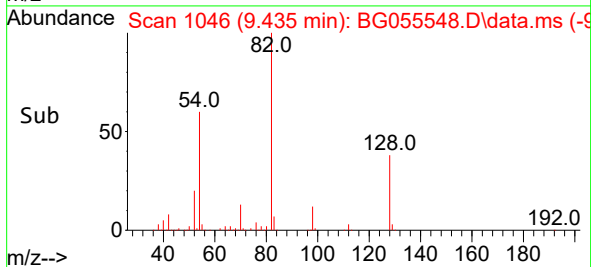
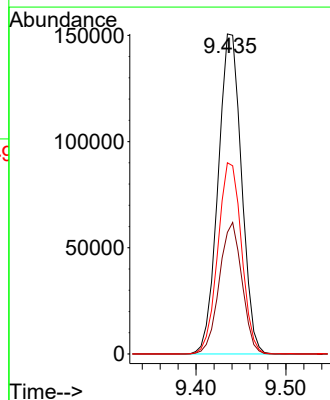
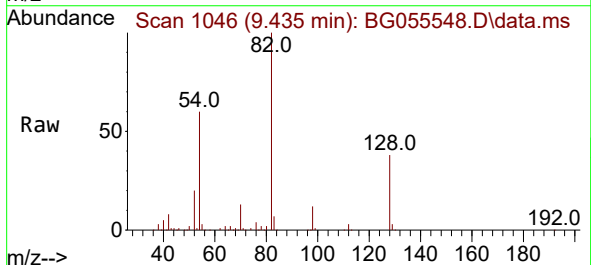
Instrument :
BNA_G
ClientSampleId :
SB-29B

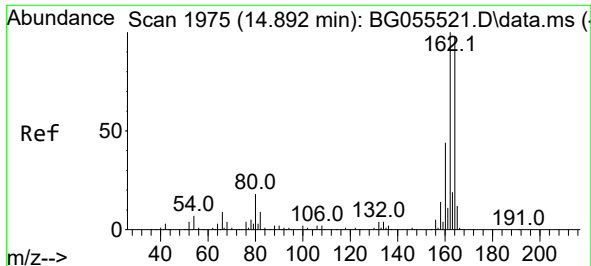
Tgt Ion:136 Resp: 188187
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.7 8.6 12.8
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 98.409 ng
RT: 9.435 min Scan# 1046
Delta R.T. -0.010 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

Tgt Ion: 82 Resp: 273178
Ion Ratio Lower Upper
82 100
128 38.0 32.6 49.0
54 59.8 47.3 70.9

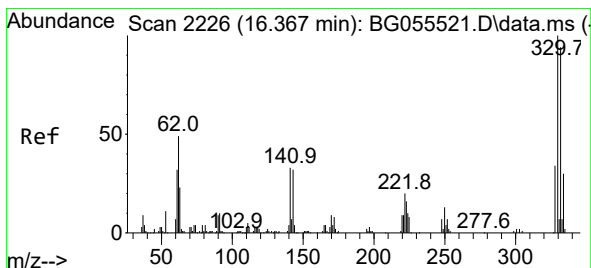
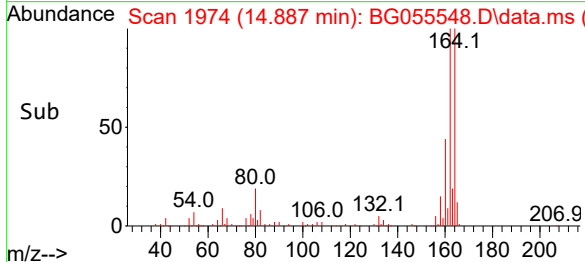
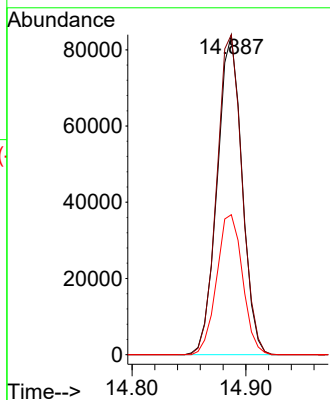
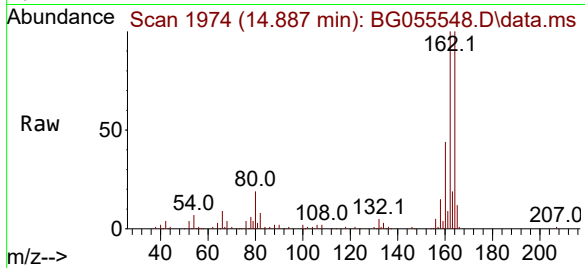




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.005 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

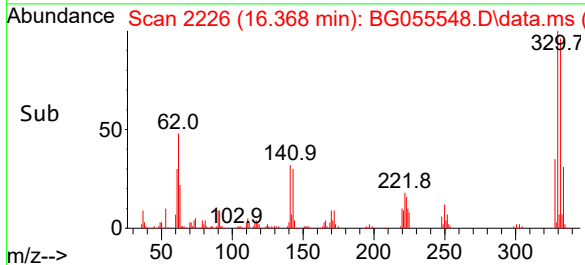
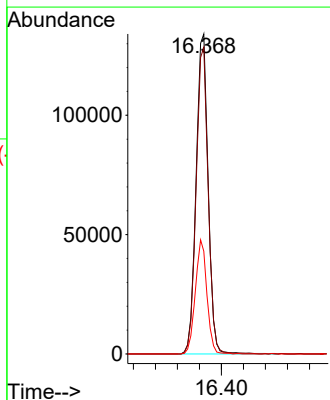
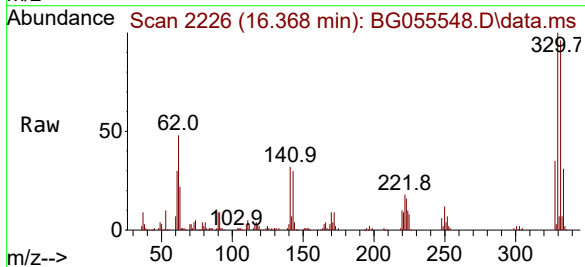
Instrument :
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ClientSampleId :
SB-29B

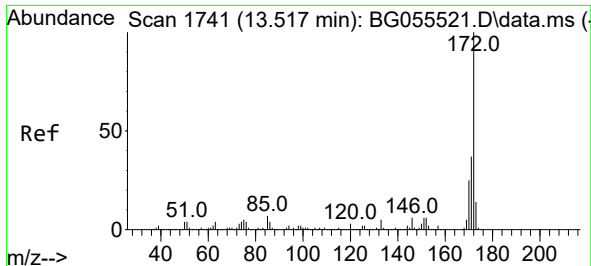
Tgt Ion:164 Resp: 127167
Ion Ratio Lower Upper
164 100
162 100.2 81.3 121.9
160 43.8 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 164.280 ng
RT: 16.368 min Scan# 2226
Delta R.T. 0.001 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

Tgt Ion:330 Resp: 203834
Ion Ratio Lower Upper
330 100
332 95.4 77.4 116.2
141 34.2 25.4 38.2

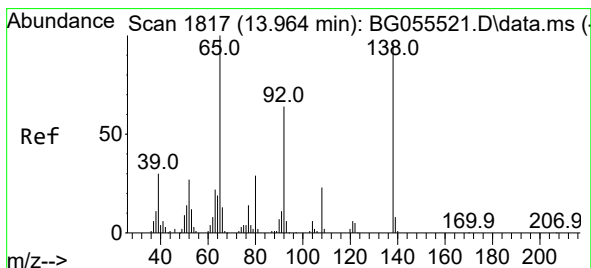
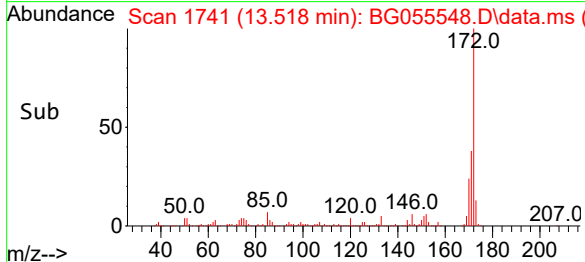
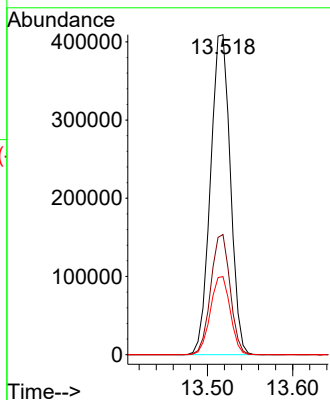
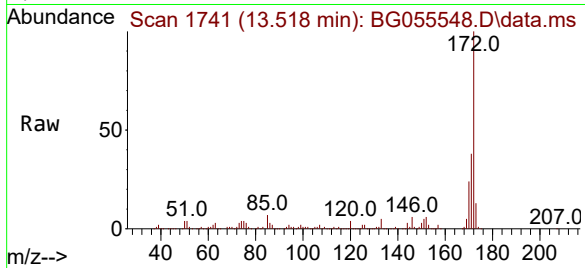




#45
2-Fluorobiphenyl
Concen: 78.591 ng
RT: 13.518 min Scan# 1741
Delta R.T. 0.001 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

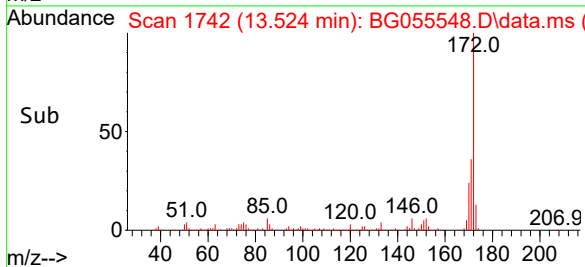
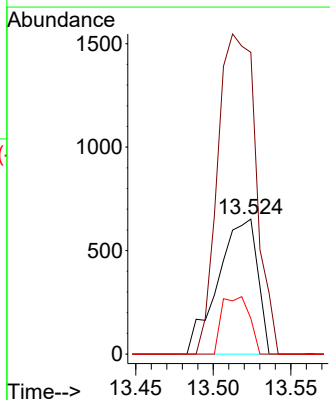
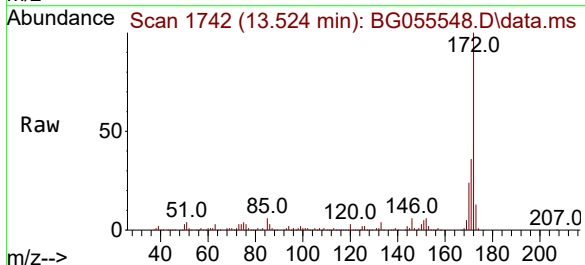
Instrument :
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ClientSampleId :
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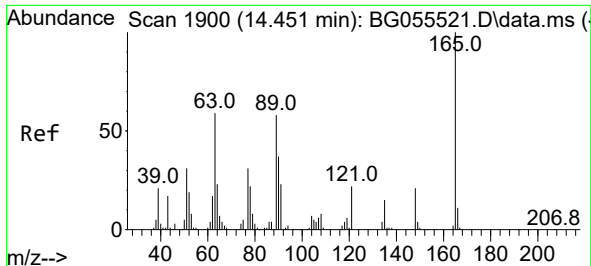
Tgt Ion:172 Resp: 662570
Ion Ratio Lower Upper
172 100
171 37.6 29.7 44.5
170 24.4 19.8 29.6



#48
2-Nitroaniline
Concen: 4.360 ng
RT: 13.524 min Scan# 1742
Delta R.T. -0.440 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

Tgt Ion: 65 Resp: 1152
Ion Ratio Lower Upper
65 100
92 223.6 51.6 77.4#
138 26.4 77.0 115.4#

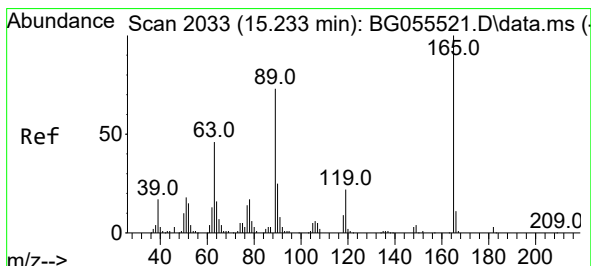
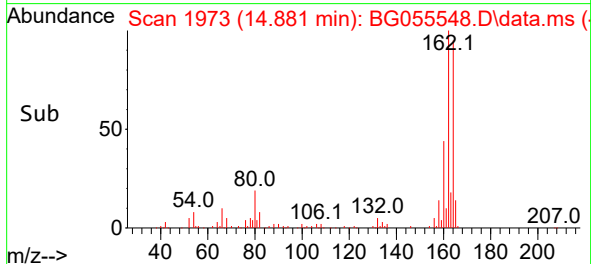
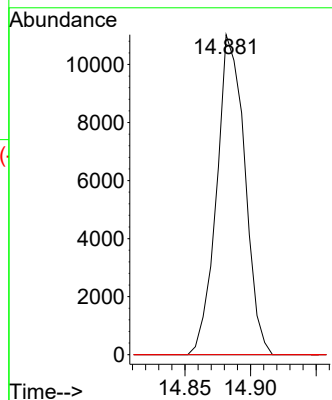
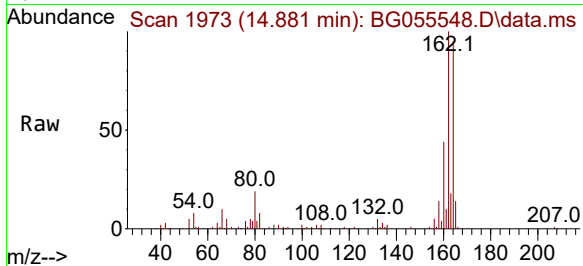




#51
2,6-Dinitrotoluene
Concen: 12.170 ng
RT: 14.881 min Scan# 1900
Delta R.T. 0.430 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

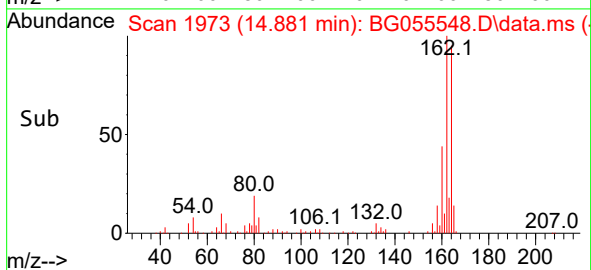
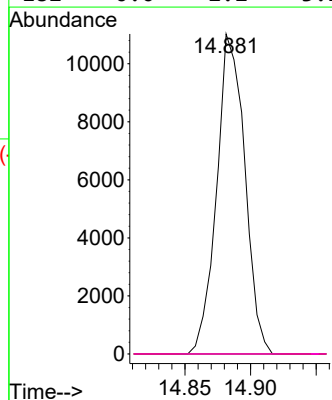
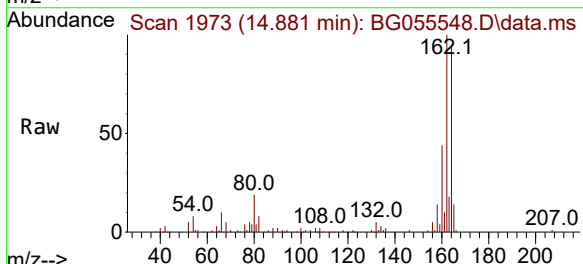
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SB-29B

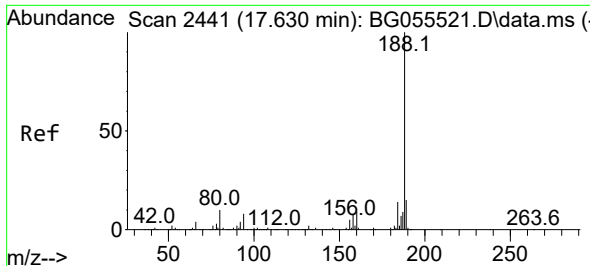
Tgt Ion:165 Resp: 16394
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 0.0 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.378 ng
RT: 14.881 min Scan# 1973
Delta R.T. -0.352 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

Tgt Ion:165 Resp: 16394
Ion Ratio Lower Upper
165 100
63 0.0 37.0 55.4#
89 0.0 58.6 87.8#
182 0.0 2.2 3.2#

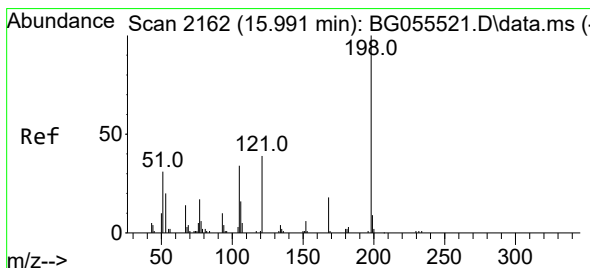
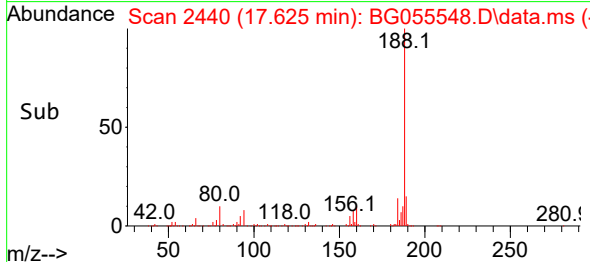
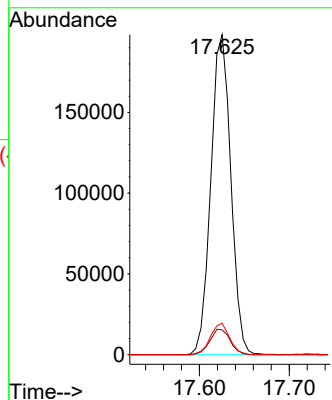
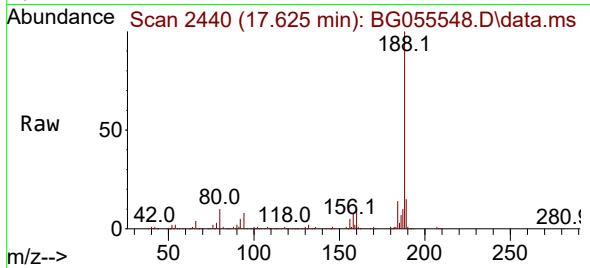




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.625 min Scan# 2441
Delta R.T. -0.005 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

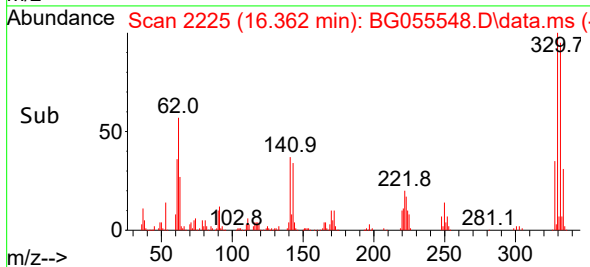
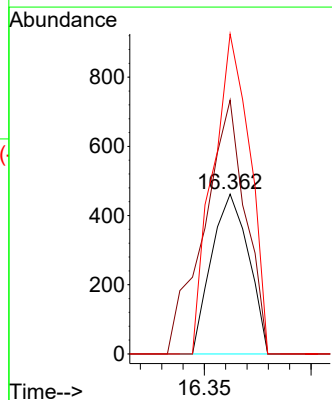
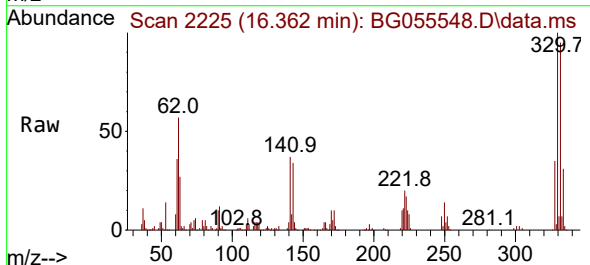
Instrument :
BNA_G
ClientSampleId :
SB-29B

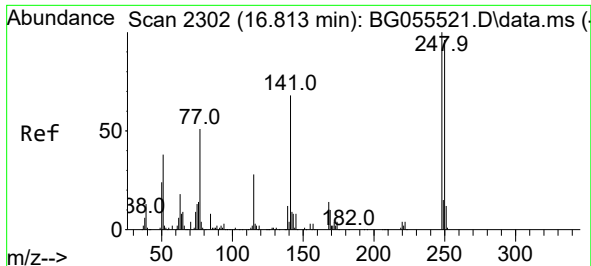
Tgt Ion:188 Resp: 305871
Ion Ratio Lower Upper
188 100
94 7.8 6.4 9.6
80 9.8 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.653 ng
RT: 16.362 min Scan# 2225
Delta R.T. 0.371 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

Tgt Ion:198 Resp: 560
Ion Ratio Lower Upper
198 100
51 158.9 24.7 64.7#
105 200.2 17.6 57.6#

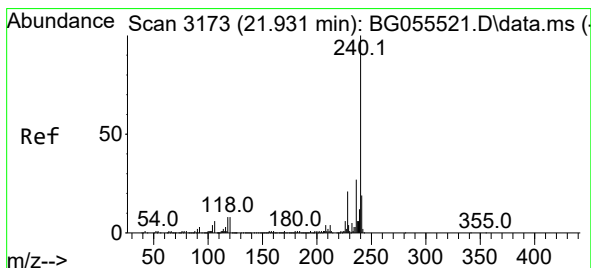
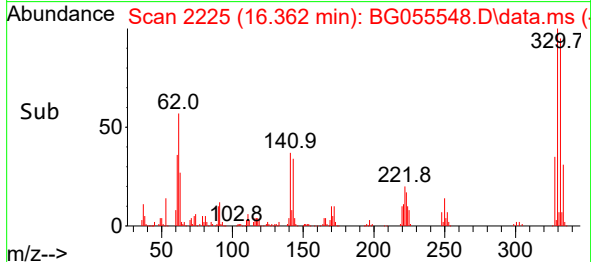
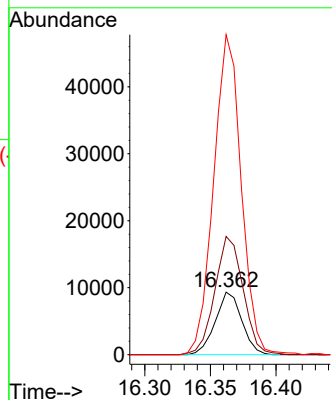
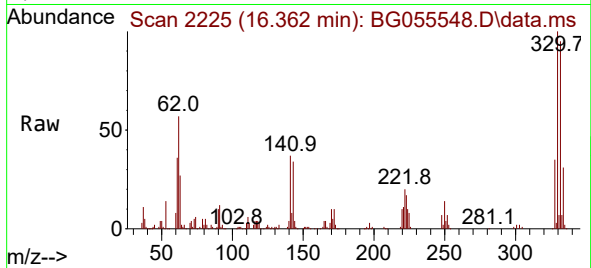




#67
4-Bromophenyl-phenylether
Concen: 4.192 ng
RT: 16.362 min Scan# 21
Delta R.T. -0.451 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

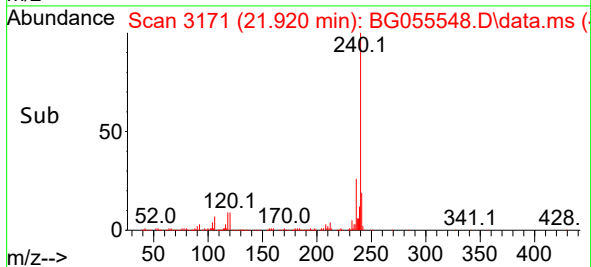
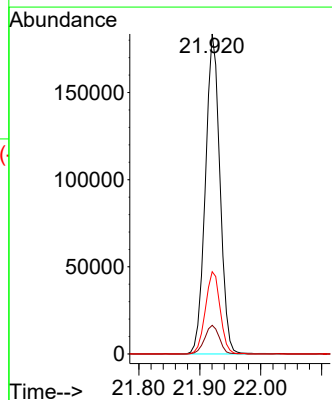
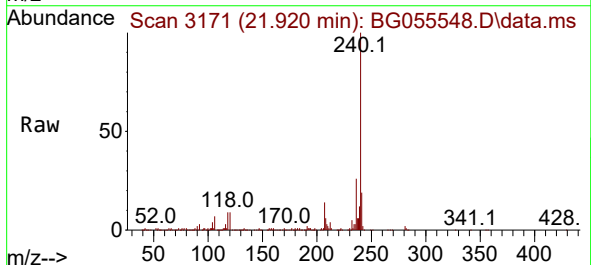
Instrument :
BNA_G
ClientSampleId :
SB-29B

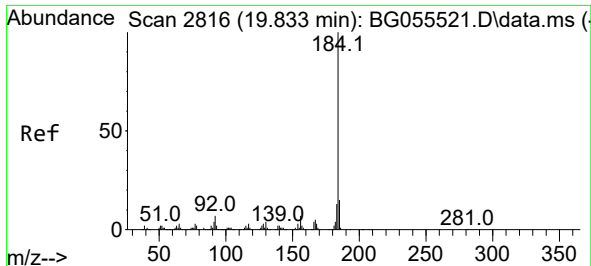
Tgt Ion:248 Resp: 13080
Ion Ratio Lower Upper
248 100
250 189.1 76.9 115.3#
141 511.4 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3171
Delta R.T. -0.011 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

Tgt Ion:240 Resp: 304654
Ion Ratio Lower Upper
240 100
120 8.9 6.1 9.1
236 25.7 21.4 32.0

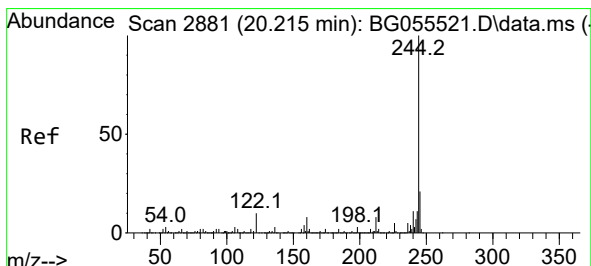
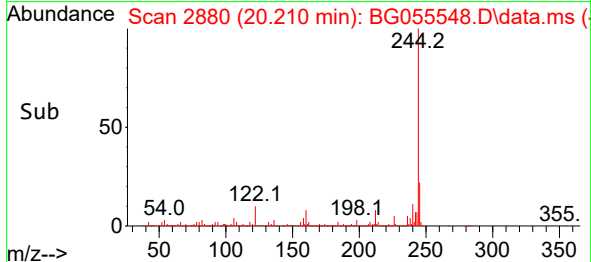
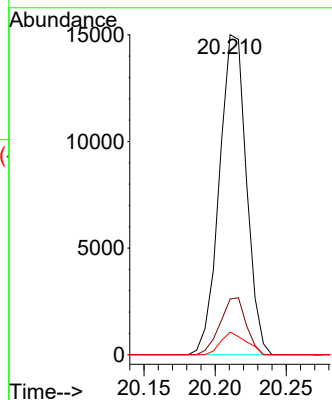
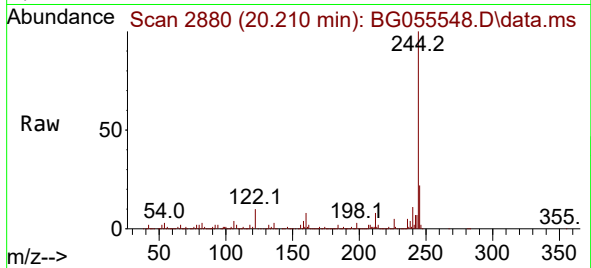




#77
Benzidine
Concen: 2.410 ng
RT: 20.210 min Scan# 2880
Delta R.T. 0.377 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

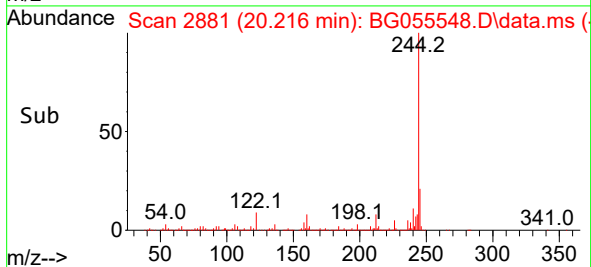
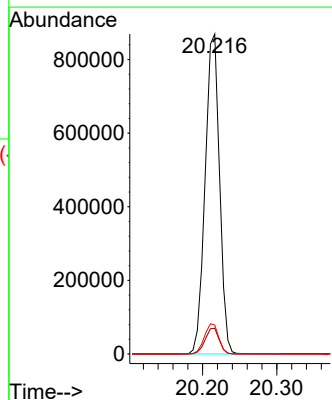
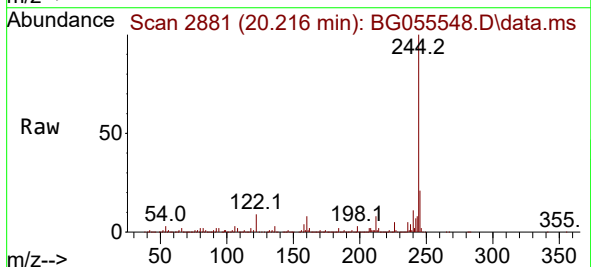
Instrument :
BNA_G
ClientSampleId :
SB-29B

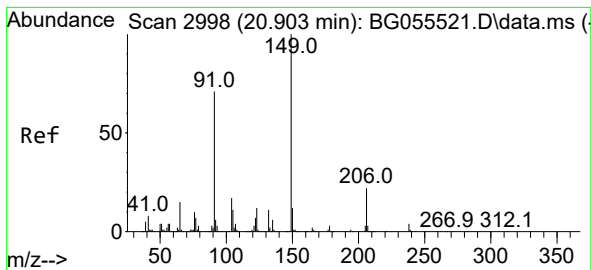
Tgt Ion:184 Resp: 19867
Ion Ratio Lower Upper
184 100
185 17.4 12.0 18.0
183 7.1 10.2 15.2#



#79
Terphenyl-d14
Concen: 77.373 ng
RT: 20.216 min Scan# 2881
Delta R.T. 0.001 min
Lab File: BG055548.D
Acq: 10 Nov 2022 20:57

Tgt Ion:244 Resp: 1173582
Ion Ratio Lower Upper
244 100
212 8.0 6.5 9.7
122 9.1 7.7 11.5





#80

Butylbenzylphthalate

Concen: 3.397 ng

RT: 20.892 min Scan# 2996

Delta R.T. -0.011 min

Lab File: BG055548.D

Acq: 10 Nov 2022 20:57

Instrument :

BNA_G

ClientSampleId :

SB-29B

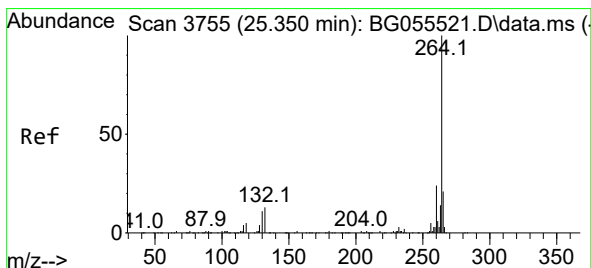
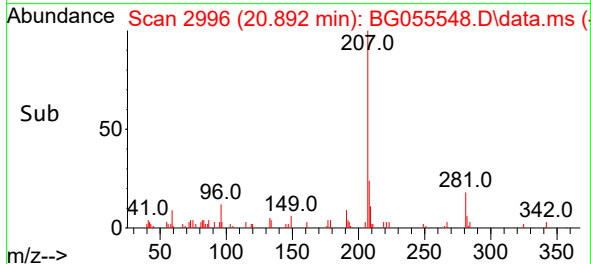
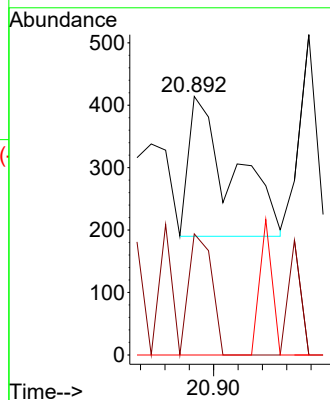
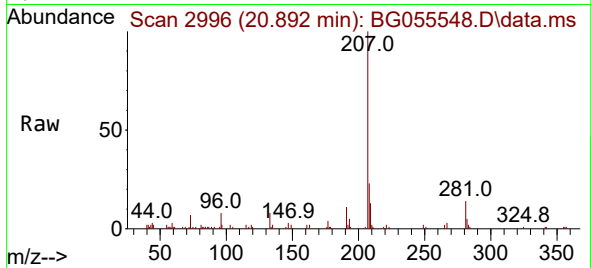
Tgt Ion:149 Resp: 278

Ion Ratio Lower Upper

149 100

91 46.9 56.8 85.2#

206 0.0 17.3 25.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.340 min Scan# 3753

Delta R.T. -0.010 min

Lab File: BG055548.D

Acq: 10 Nov 2022 20:57

Tgt Ion:264 Resp: 316740

Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 20.6 17.1 25.7

