

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055570.D
 Acq On : 11 Nov 2022 17:15
 Operator : CG/JU
 Sample : PB148956BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148956BL

Quant Time: Nov 12 00:53:27 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)

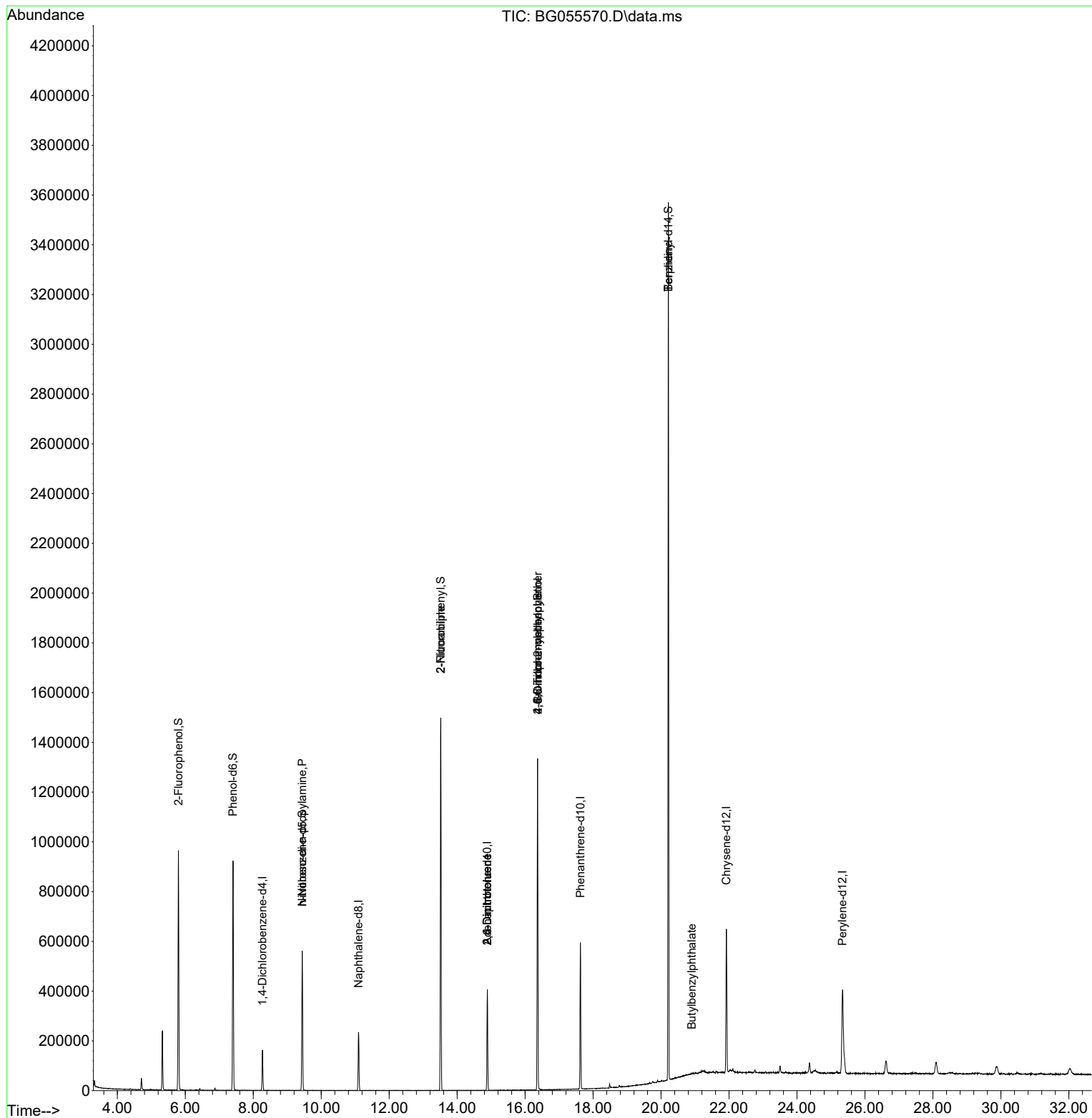
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	46464	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	194323	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	142889	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	367376	20.000	ng	0.00
76) Chrysene-d12	21.920	240	384854	20.000	ng	-0.01
86) Perylene-d12	25.339	264	386466	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	400802	164.303	ng	0.00
7) Phenol-d6	7.401	99	517409	153.551	ng	0.00
23) Nitrobenzene-d5	9.440	82	318024	110.946	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	262391	188.205	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	789601	83.354	ng	0.00
79) Terphenyl-d14	20.216	244	1669921	87.153	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.440	70	42039	15.096	ng	# 80
48) 2-Nitroaniline	13.518	65	1425	4.418	ng	# 5
51) 2,6-Dinitrotoluene	14.887	165	18634	12.274	ng	# 22
57) 2,4-Dinitrotoluene	14.887	165	18634	10.456	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.367	198	746	2.736	ng	# 1
67) 4-Bromophenyl-phenylether	16.367	248	17386	4.639	ng	# 1
77) Benzidine	20.216	184	28482	2.736	ng	# 90
80) Butylbenzylphthalate	20.903	149	596	3.420	ng	# 46

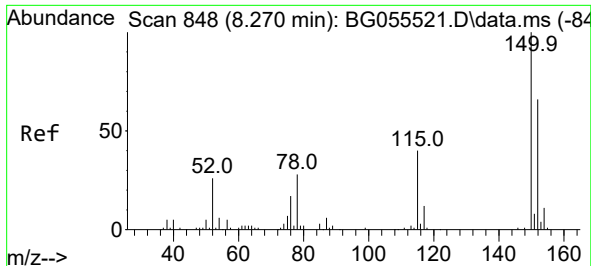
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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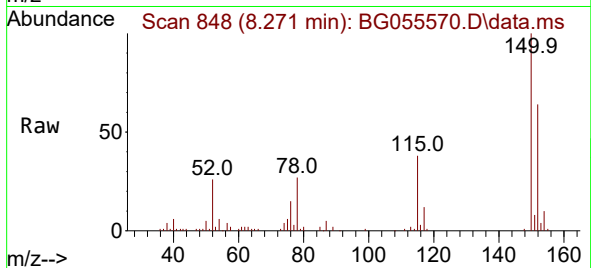
Quant Time: Nov 12 00:53:27 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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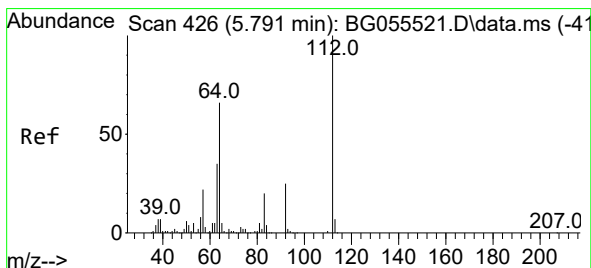
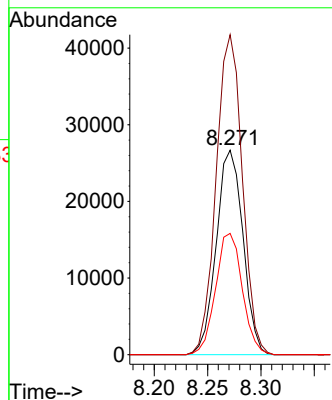
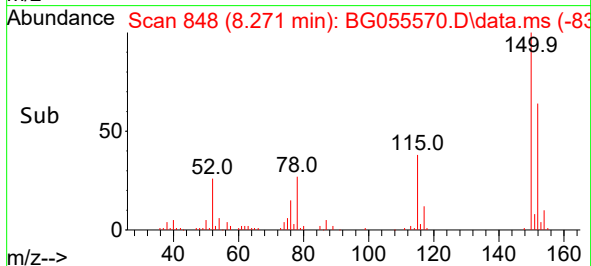


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055570.D
Acq: 11 Nov 2022 17:15

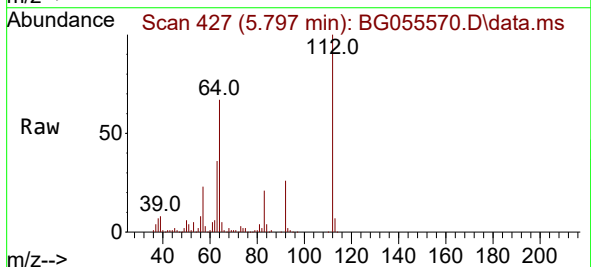
Instrument :
BNA_G
ClientSampleId :
PB148956BL



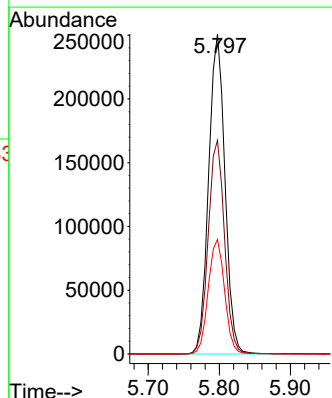
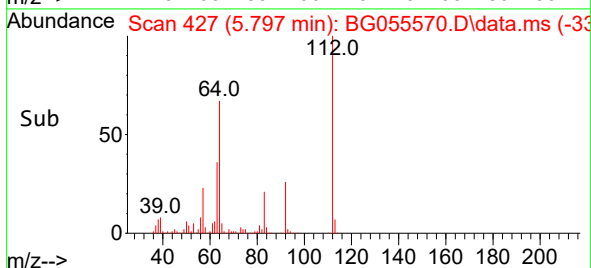
Tgt Ion:152 Resp: 46464
Ion Ratio Lower Upper
152 100
150 156.4 121.0 181.4
115 59.3 47.8 71.8



#5
2-Fluorophenol
Concen: 164.303 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055570.D
Acq: 11 Nov 2022 17:15



Tgt Ion:112 Resp: 400802
Ion Ratio Lower Upper
112 100
64 66.8 52.6 78.8
63 35.8 28.3 42.5

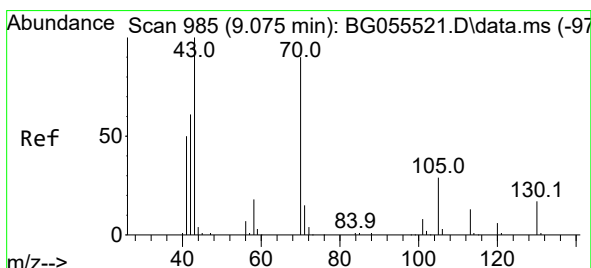
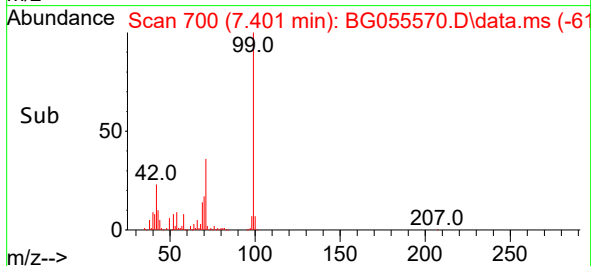
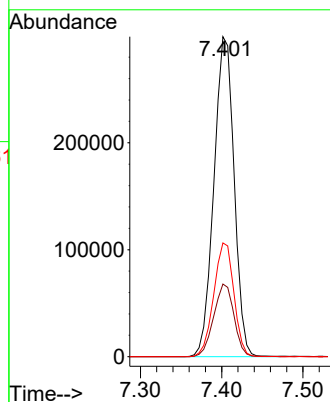
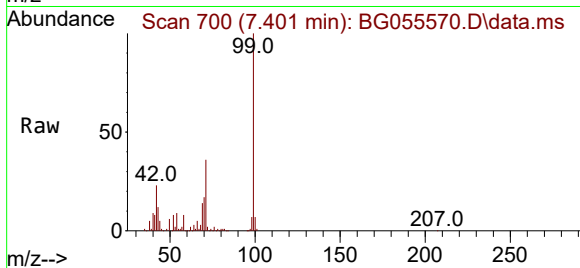




#7
Phenol-d6
Concen: 153.551 ng
RT: 7.401 min Scan# 700
Delta R.T. 0.000 min
Lab File: BG055570.D
Acq: 11 Nov 2022 17:15

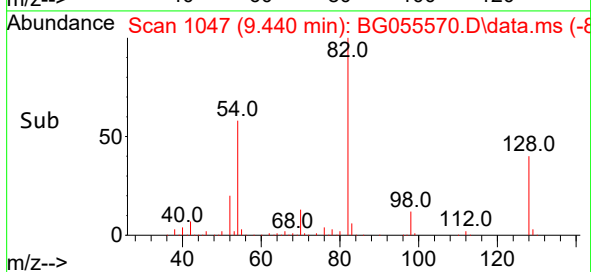
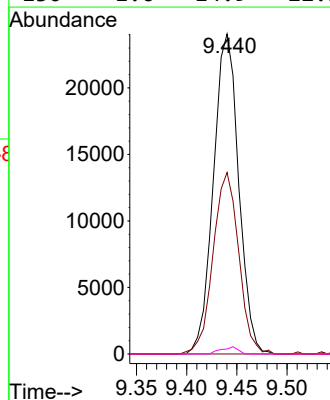
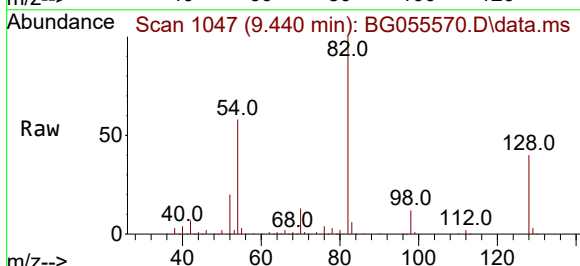
Instrument :
BNA_G
ClientSampleId :
PB148956BL

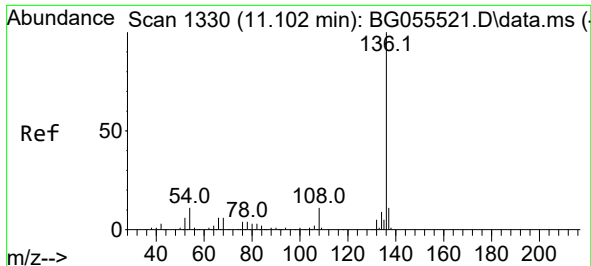
Tgt Ion: 99 Resp: 517409
Ion Ratio Lower Upper
99 100
42 22.7 17.5 26.3
71 35.6 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.096 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.365 min
Lab File: BG055570.D
Acq: 11 Nov 2022 17:15

Tgt Ion: 70 Resp: 42039
Ion Ratio Lower Upper
70 100
42 56.7 54.8 82.2
101 0.0 6.8 10.2#
130 1.6 14.9 22.3#

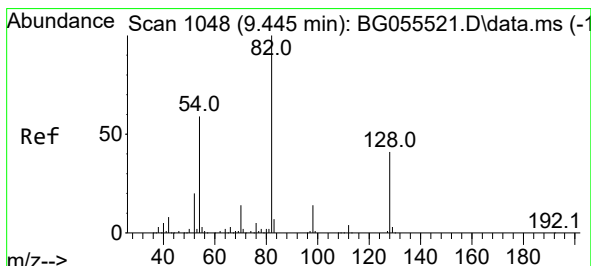
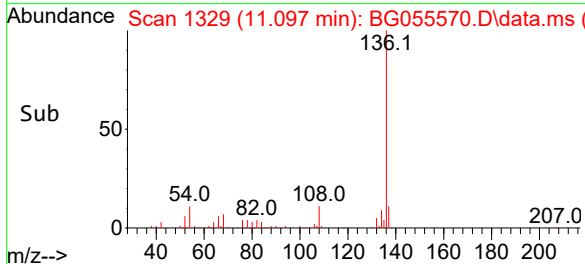
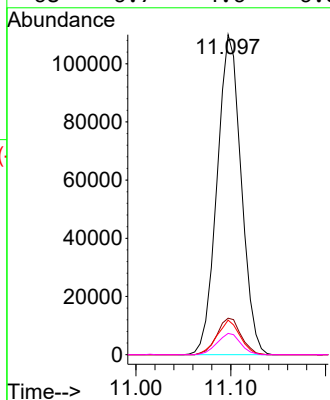
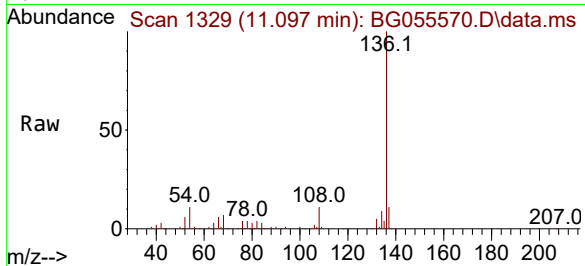




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055570.D
Acq: 11 Nov 2022 17:15

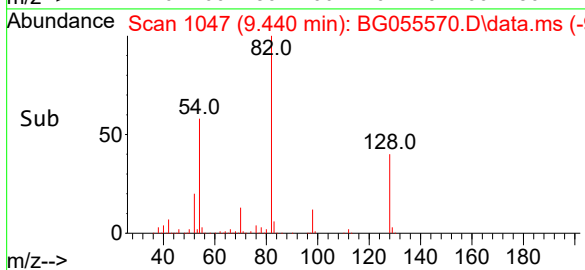
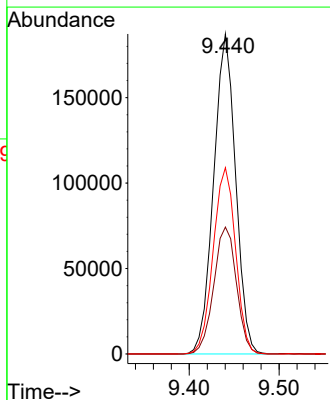
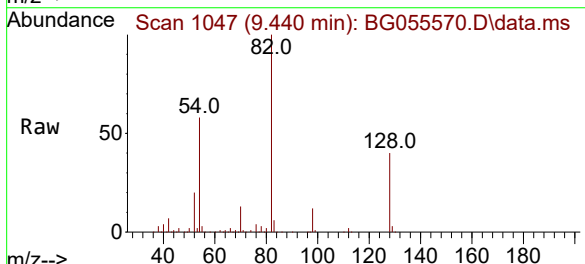
Instrument :
BNA_G
ClientSampleId :
PB148956BL

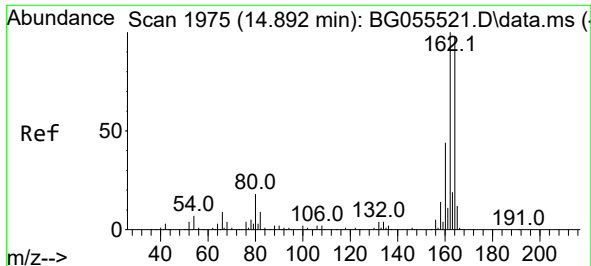
Tgt Ion:136 Resp: 194323
Ion Ratio Lower Upper
136 100
137 11.4 8.6 12.8
54 10.8 8.6 12.8
68 6.7 4.6 6.8



#23
Nitrobenzene-d5
Concen: 110.946 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.005 min
Lab File: BG055570.D
Acq: 11 Nov 2022 17:15

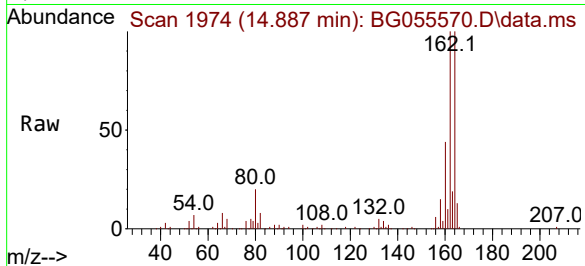
Tgt Ion: 82 Resp: 318024
Ion Ratio Lower Upper
82 100
128 39.6 32.6 49.0
54 58.2 47.3 70.9



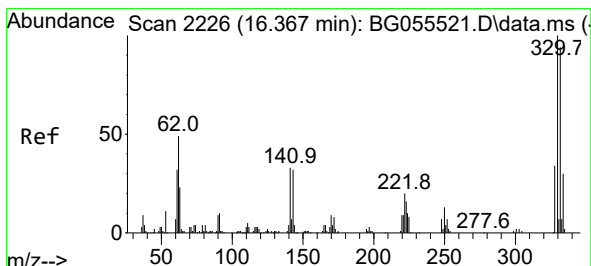
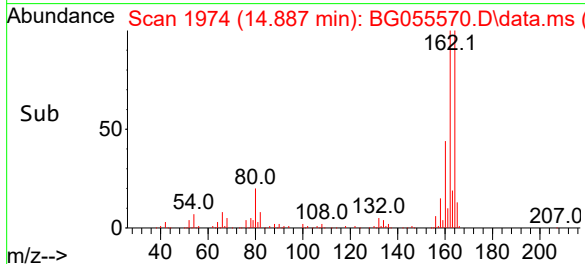
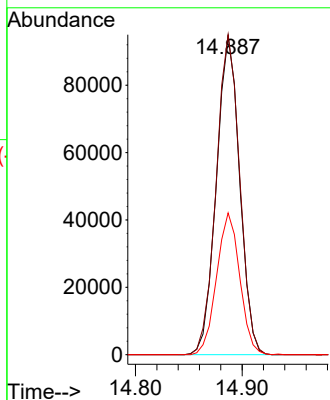


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.005 min
Lab File: BG055570.D
Acq: 11 Nov 2022 17:15

Instrument :
BNA_G
ClientSampleId :
PB148956BL

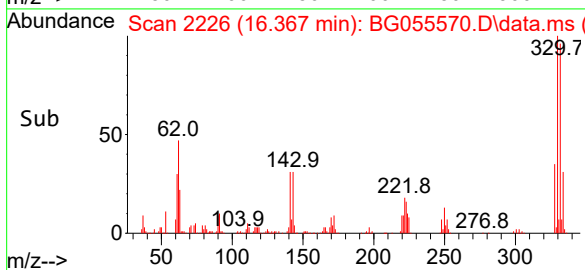
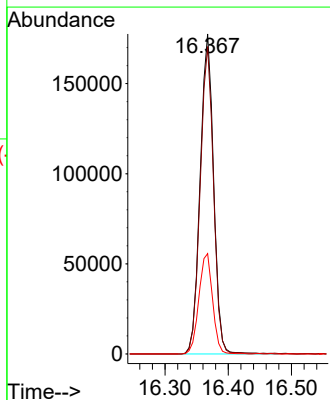
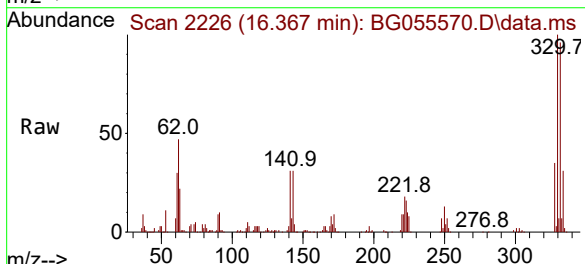


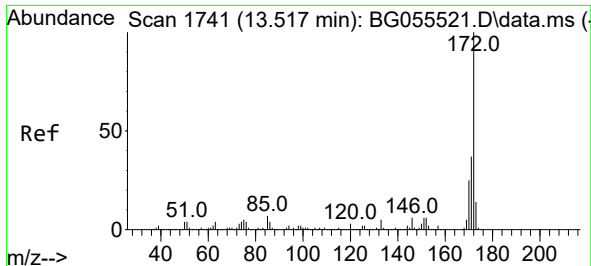
Tgt Ion:164 Resp: 142889
Ion Ratio Lower Upper
164 100
162 100.5 81.3 121.9
160 44.5 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 188.205 ng
RT: 16.367 min Scan# 2226
Delta R.T. 0.000 min
Lab File: BG055570.D
Acq: 11 Nov 2022 17:15

Tgt Ion:330 Resp: 262391
Ion Ratio Lower Upper
330 100
332 95.4 77.4 116.2
141 31.9 25.4 38.2

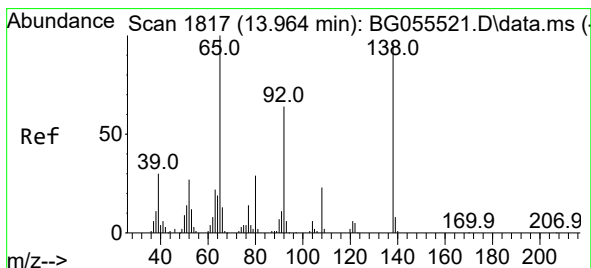
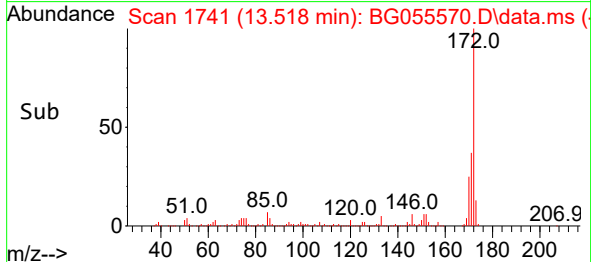
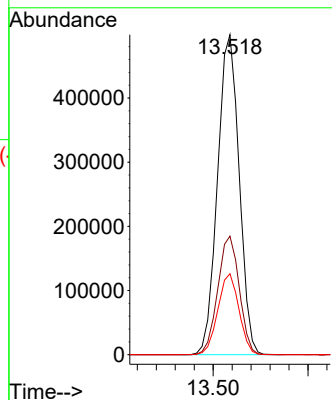
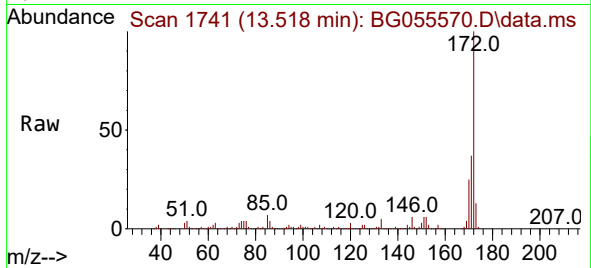




#45
2-Fluorobiphenyl
Concen: 83.354 ng
RT: 13.518 min Scan# 1741
Delta R.T. 0.001 min
Lab File: BG055570.D
Acq: 11 Nov 2022 17:15

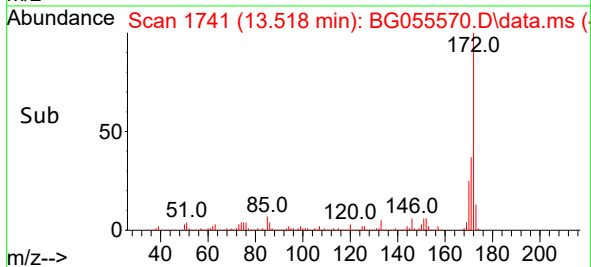
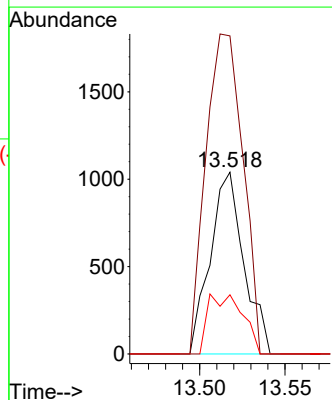
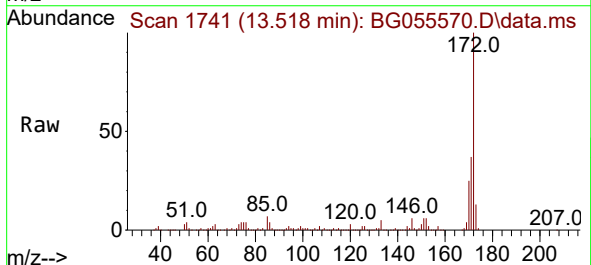
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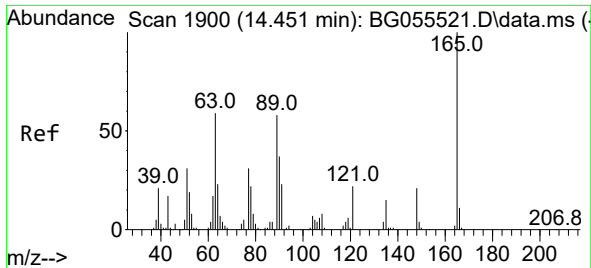
Tgt Ion:172 Resp: 789601
Ion Ratio Lower Upper
172 100
171 37.1 29.7 44.5
170 25.3 19.8 29.6



#48
2-Nitroaniline
Concen: 4.418 ng
RT: 13.518 min Scan# 1741
Delta R.T. -0.446 min
Lab File: BG055570.D
Acq: 11 Nov 2022 17:15

Tgt Ion: 65 Resp: 1425
Ion Ratio Lower Upper
65 100
92 175.0 51.6 77.4#
138 32.6 77.0 115.4#

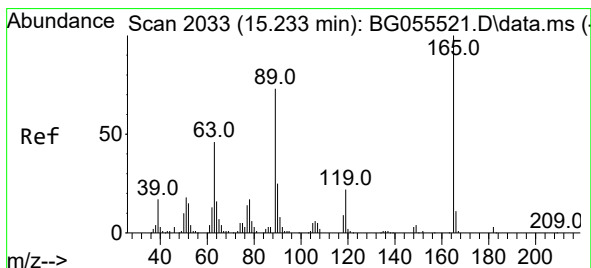
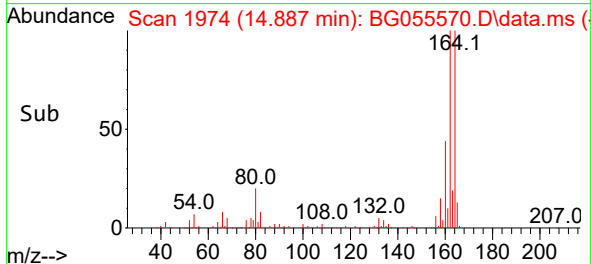
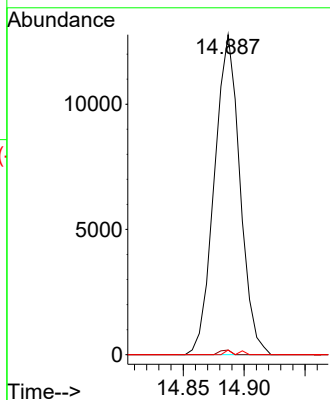
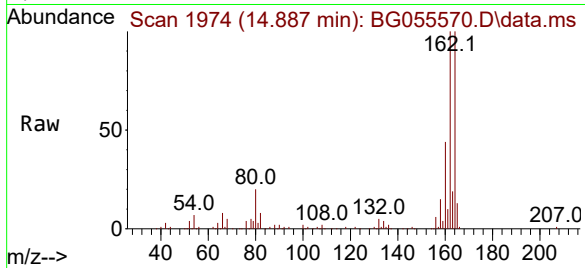




#51
2,6-Dinitrotoluene
Concen: 12.274 ng
RT: 14.887 min Scan# 1900
Delta R.T. 0.436 min
Lab File: BG055570.D
Acq: 11 Nov 2022 17:15

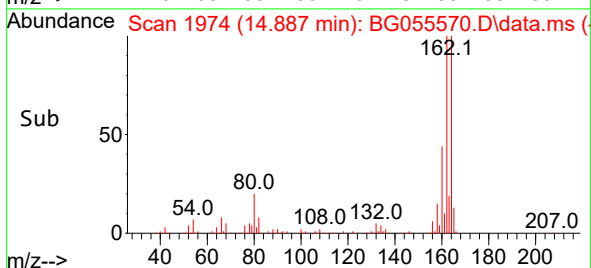
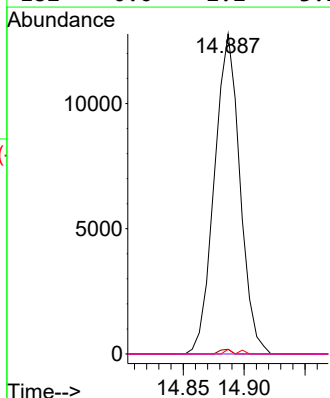
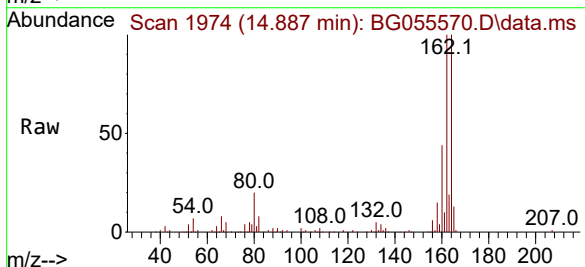
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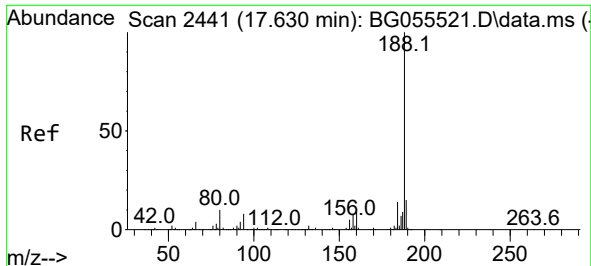
Tgt Ion:165 Resp: 18634
Ion Ratio Lower Upper
165 100
63 1.4 50.1 75.1#
89 1.5 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.456 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.346 min
Lab File: BG055570.D
Acq: 11 Nov 2022 17:15

Tgt Ion:165 Resp: 18634
Ion Ratio Lower Upper
165 100
63 1.4 37.0 55.4#
89 1.5 58.6 87.8#
182 0.0 2.2 3.2#

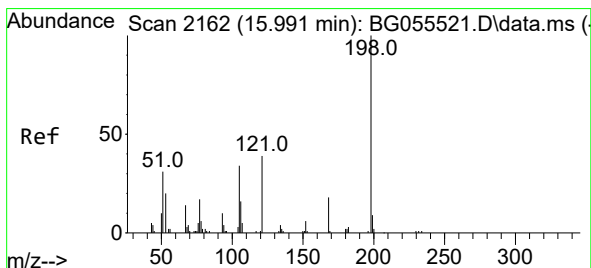
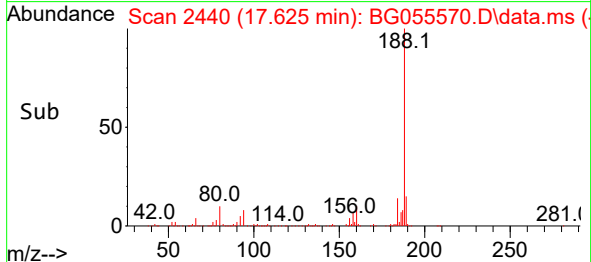
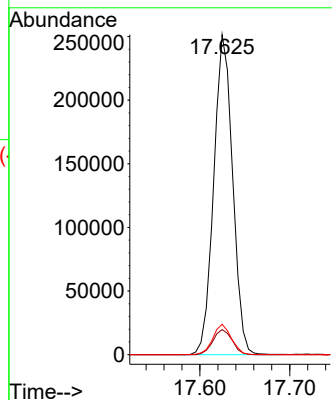
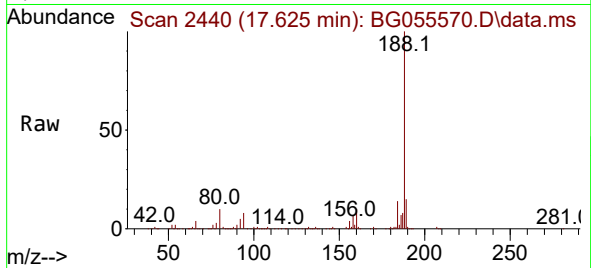




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.625 min Scan# 2441
Delta R.T. -0.005 min
Lab File: BG055570.D
Acq: 11 Nov 2022 17:15

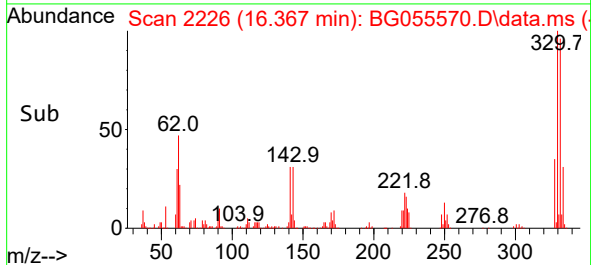
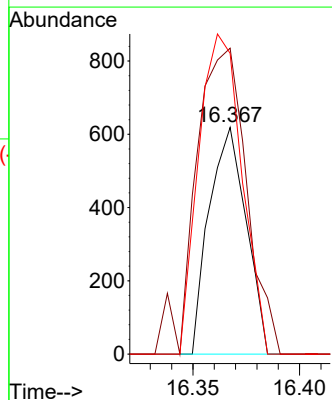
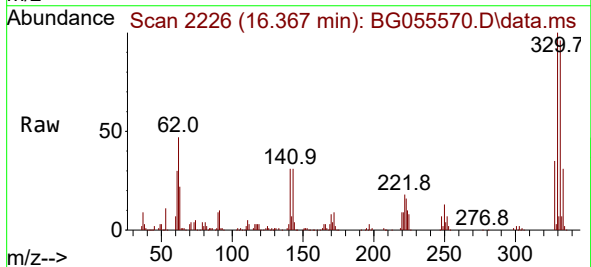
Instrument :
BNA_G
ClientSampleId :
PB148956BL

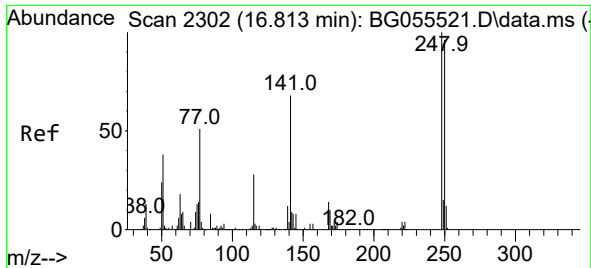
Tgt Ion:188 Resp: 367376
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 9.5 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.736 ng
RT: 16.367 min Scan# 2226
Delta R.T. 0.376 min
Lab File: BG055570.D
Acq: 11 Nov 2022 17:15

Tgt Ion:198 Resp: 746
Ion Ratio Lower Upper
198 100
51 134.9 24.7 64.7#
105 132.6 17.6 57.6#

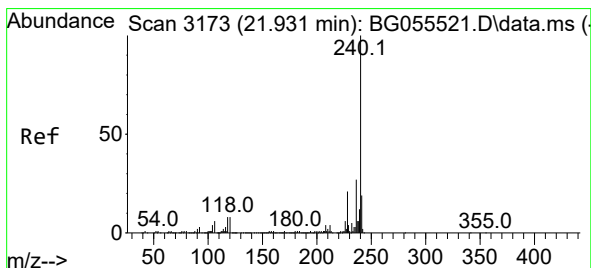
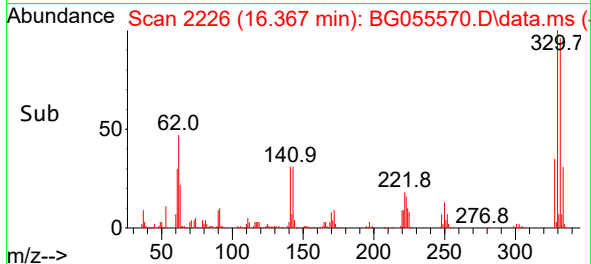
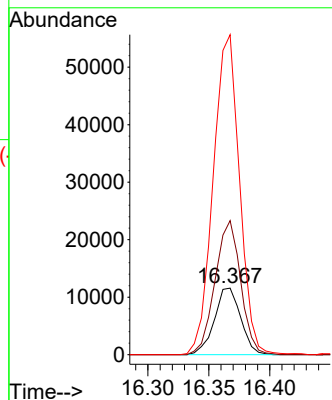
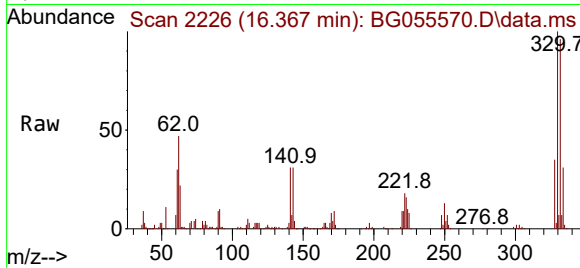




#67
4-Bromophenyl-phenylether
Concen: 4.639 ng
RT: 16.367 min Scan# 211
Delta R.T. -0.446 min
Lab File: BG055570.D
Acq: 11 Nov 2022 17:15

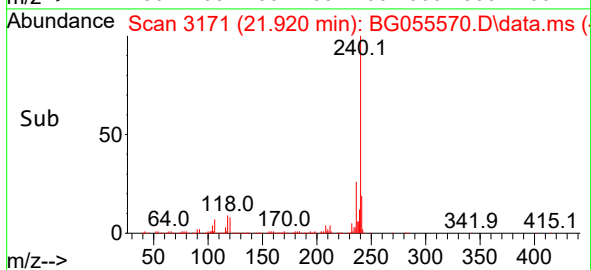
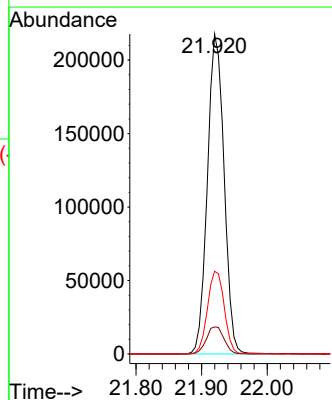
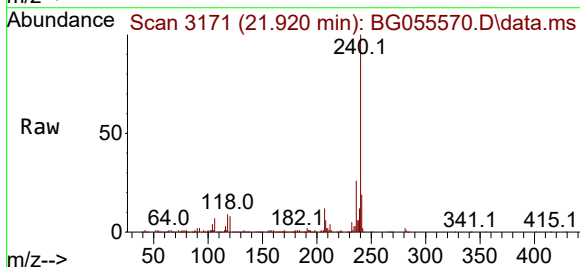
Instrument :
BNA_G
ClientSampleId :
PB148956BL

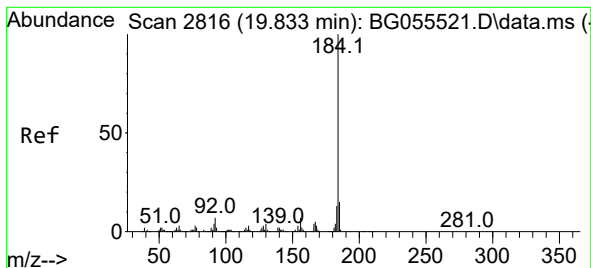
Tgt Ion:248 Resp: 17386
Ion Ratio Lower Upper
248 100
250 201.6 76.9 115.3#
141 481.1 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3171
Delta R.T. -0.011 min
Lab File: BG055570.D
Acq: 11 Nov 2022 17:15

Tgt Ion:240 Resp: 384854
Ion Ratio Lower Upper
240 100
120 8.5 6.1 9.1
236 25.9 21.4 32.0





#77

Benzidine

Concen: 2.736 ng

RT: 20.216 min Scan# 2816

Delta R.T. 0.383 min

Lab File: BG055570.D

Acq: 11 Nov 2022 17:15

Instrument :

BNA_G

ClientSampleId :

PB148956BL

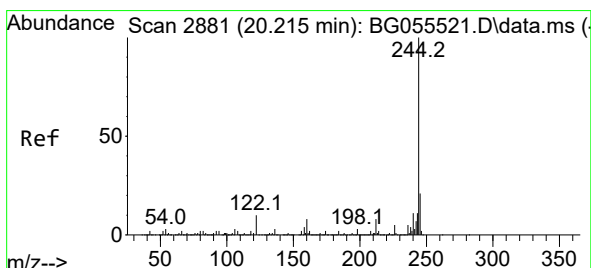
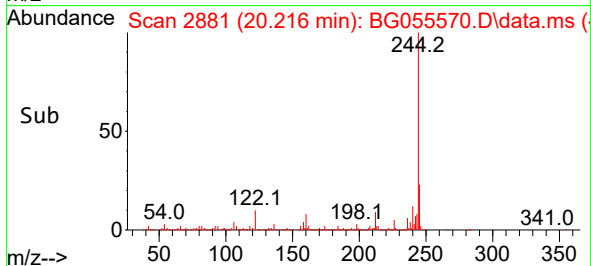
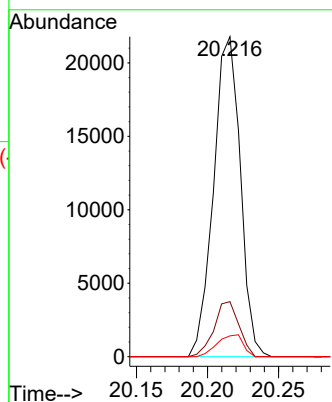
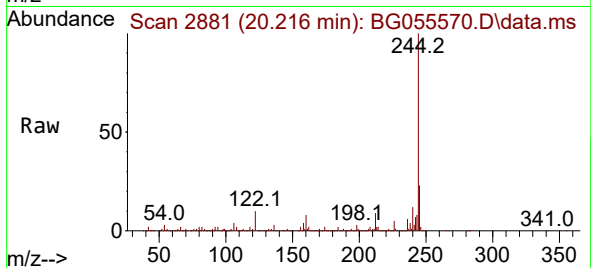
Tgt Ion:184 Resp: 28482

Ion Ratio Lower Upper

184 100

185 17.2 12.0 18.0

183 6.5 10.2 15.2#



#79

Terphenyl-d14

Concen: 87.153 ng

RT: 20.216 min Scan# 2881

Delta R.T. 0.001 min

Lab File: BG055570.D

Acq: 11 Nov 2022 17:15

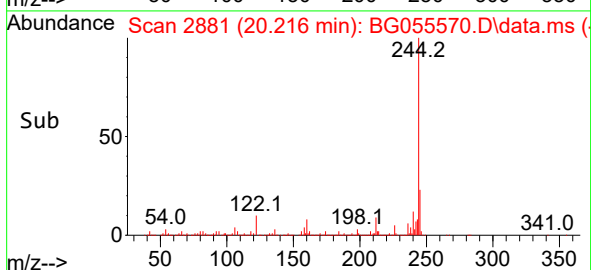
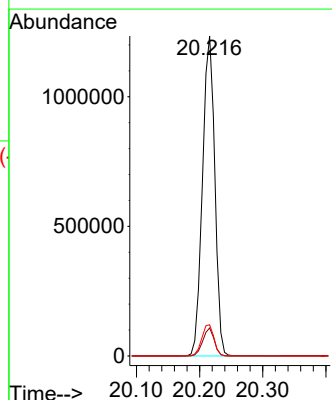
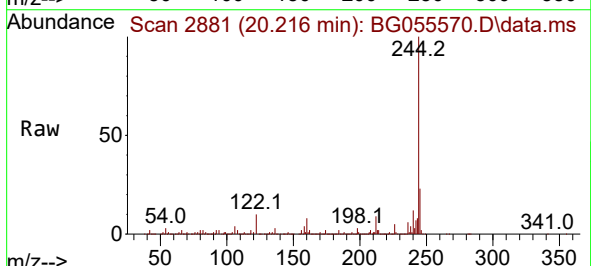
Tgt Ion:244 Resp: 1669921

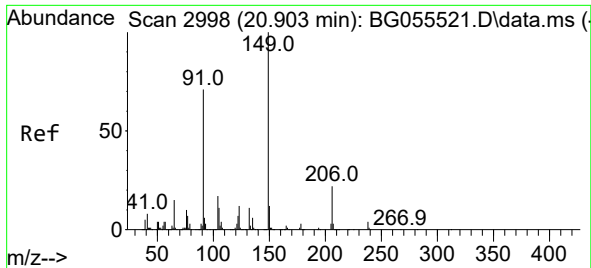
Ion Ratio Lower Upper

244 100

212 8.7 6.5 9.7

122 9.8 7.7 11.5

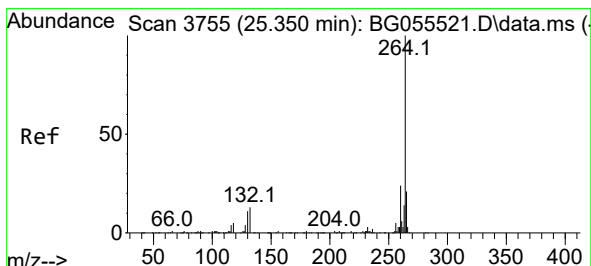
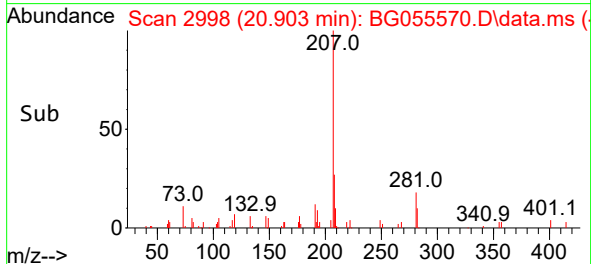
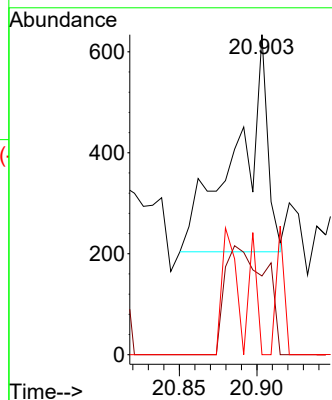
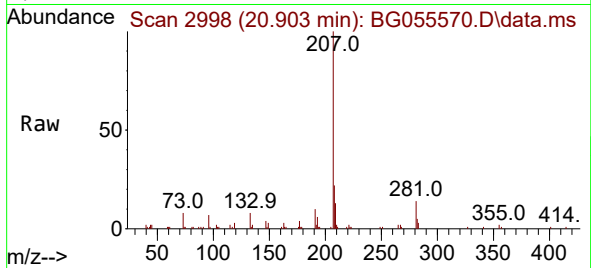




#80
Butylbenzylphthalate
Concen: 3.420 ng
RT: 20.903 min Scan# 2998
Delta R.T. 0.000 min
Lab File: BG055570.D
Acq: 11 Nov 2022 17:15

Instrument :
BNA_G
ClientSampleId :
PB148956BL

Tgt Ion:149 Resp: 596
Ion Ratio Lower Upper
149 100
91 24.6 56.8 85.2#
206 0.0 17.3 25.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.339 min Scan# 3753
Delta R.T. -0.011 min
Lab File: BG055570.D
Acq: 11 Nov 2022 17:15

Tgt Ion:264 Resp: 386466
Ion Ratio Lower Upper
264 100
260 25.1 19.4 29.2
265 20.9 17.1 25.7

