

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055540.D
 Acq On : 10 Nov 2022 15:10
 Operator : CG/JU
 Sample : N5360-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20221112-COMP-11

Quant Time: Nov 11 02:00:29 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)

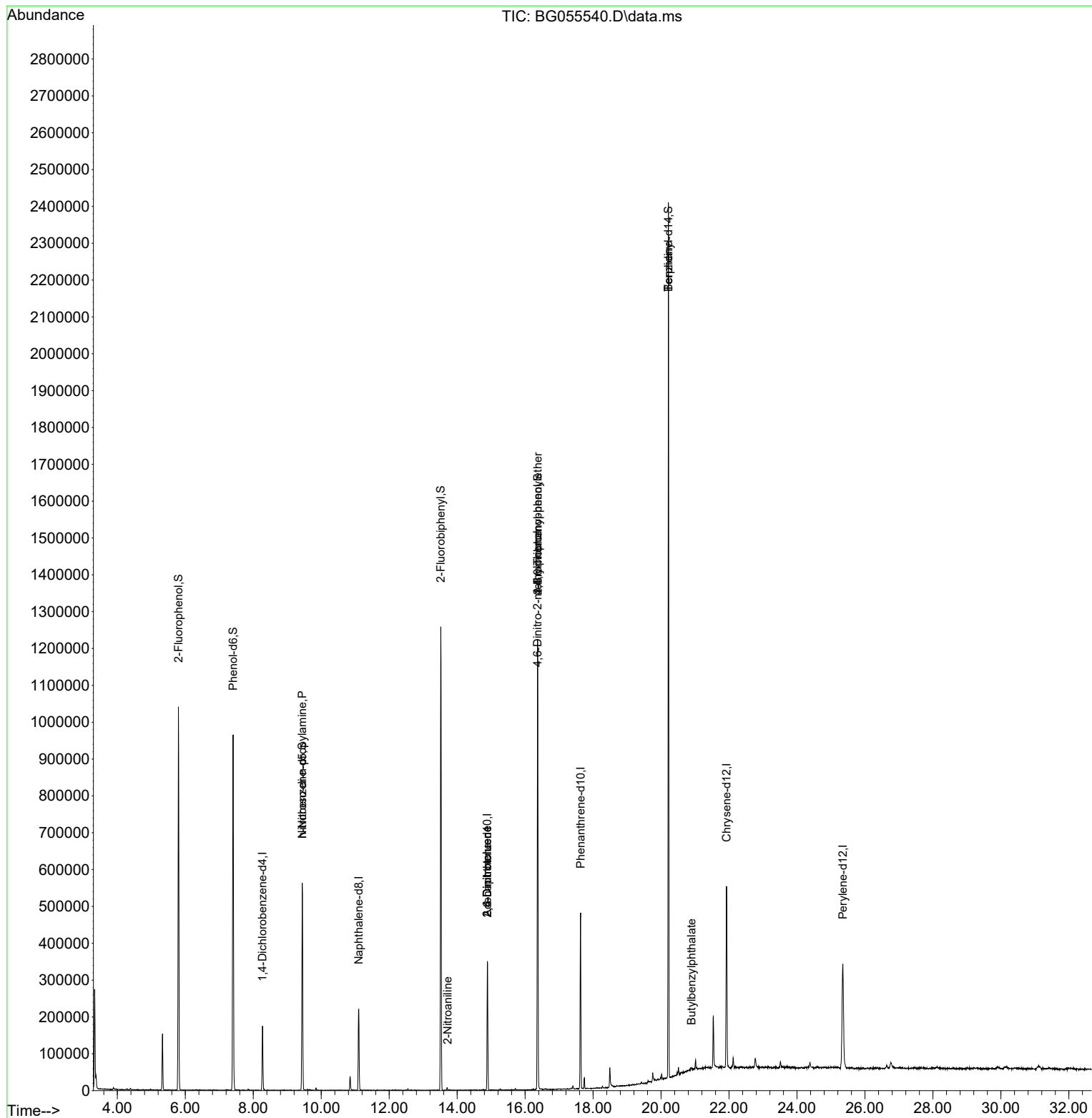
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	48261	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	187380	20.000	ng	0.00
39) Acenaphthene-d10	14.886	164	127261	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	308004	20.000	ng	0.00
76) Chrysene-d12	21.925	240	322988	20.000	ng	0.00
86) Perylene-d12	25.351	264	327777	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	426249	168.228	ng	0.00
7) Phenol-d6	7.407	99	534455	152.704	ng	0.00
23) Nitrobenzene-d5	9.440	82	320246	115.861	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	235641	189.774	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	642086	76.105	ng	0.00
79) Terphenyl-d14	20.215	244	1106550	68.813	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.440	70	43386	15.000	ng	# 80
48) 2-Nitroaniline	13.717	65	61	3.817	ng	# 8
51) 2,6-Dinitrotoluene	14.886	165	16886	12.434	ng	# 22
57) 2,4-Dinitrotoluene	14.886	165	16886	10.576	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.361	198	794	2.965	ng	# 1
67) 4-Bromophenyl-phenylether	16.367	248	15241	4.851	ng	# 1
77) Benzidine	20.215	184	18702	2.140	ng	# 91
80) Butylbenzylphthalate	20.897	149	220	3.389	ng	# 88

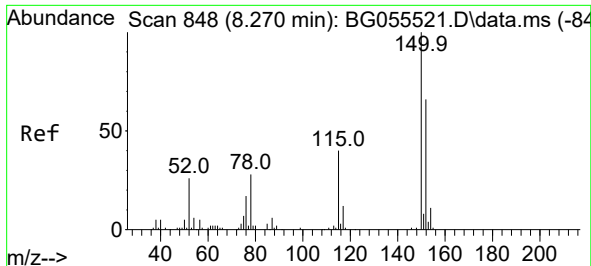
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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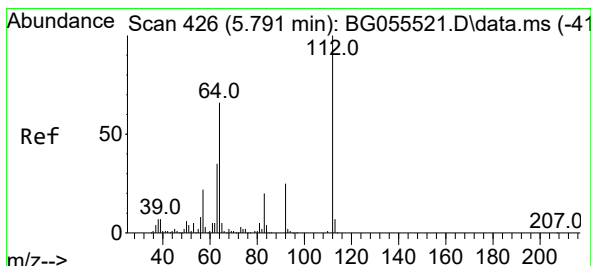
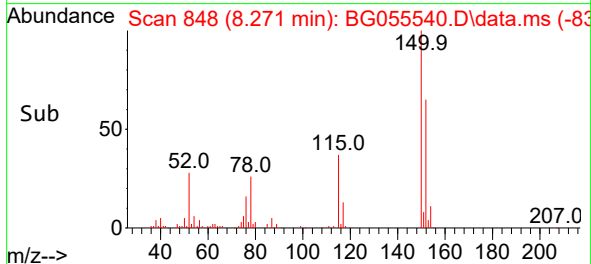
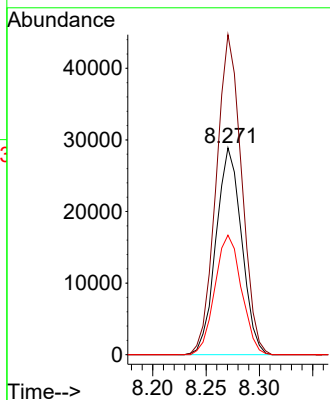
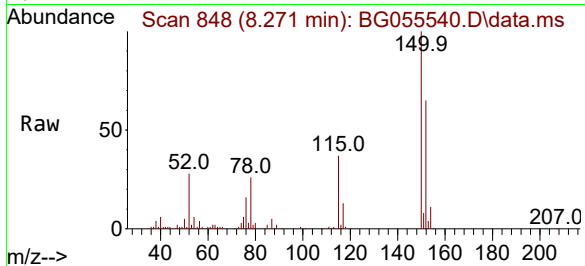




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.271 min Scan# 84
 Delta R.T. 0.001 min
 Lab File: BG055540.D
 Acq: 10 Nov 2022 15:10

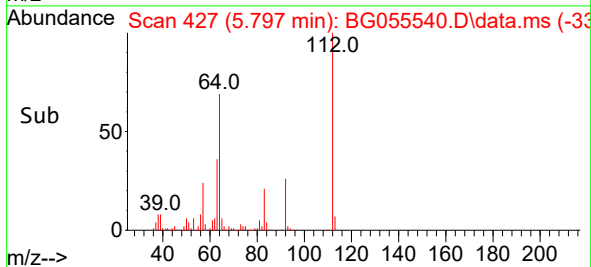
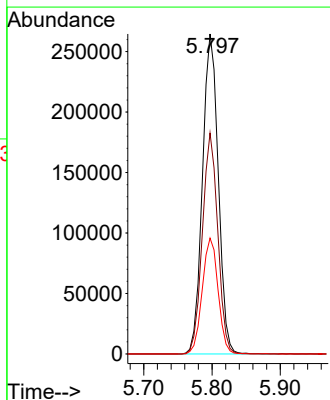
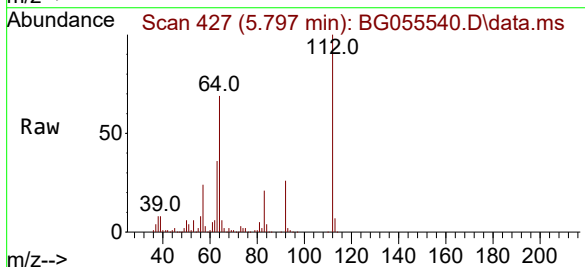
Instrument :
 BNA_G
 ClientSampleId :
 20221112-COMP-11

Tgt Ion:152 Resp: 48261
 Ion Ratio Lower Upper
 152 100
 150 154.6 121.0 181.4
 115 57.8 47.8 71.8



#5
 2-Fluorophenol
 Concen: 168.228 ng
 RT: 5.797 min Scan# 427
 Delta R.T. 0.006 min
 Lab File: BG055540.D
 Acq: 10 Nov 2022 15:10

Tgt Ion:112 Resp: 426249
 Ion Ratio Lower Upper
 112 100
 64 69.1 52.6 78.8
 63 36.2 28.3 42.5

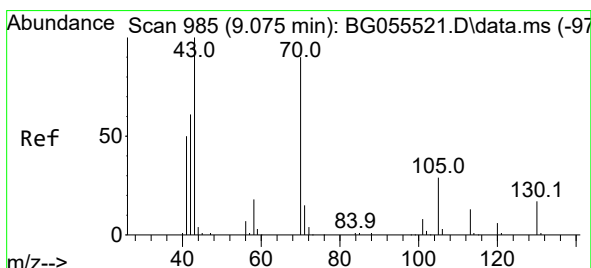
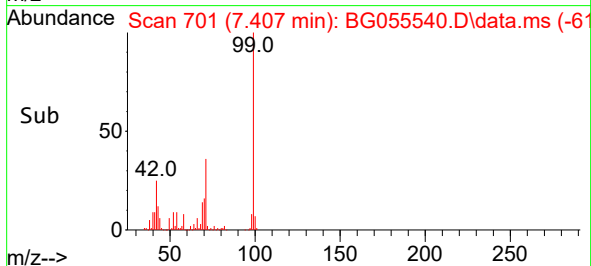
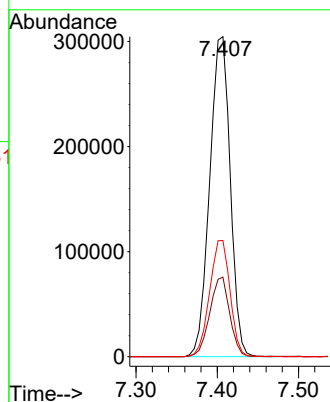
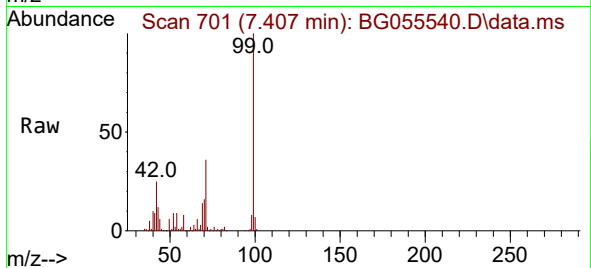




#7
Phenol-d6
Concen: 152.704 ng
RT: 7.407 min Scan# 70
Delta R.T. 0.006 min
Lab File: BG055540.D
Acq: 10 Nov 2022 15:10

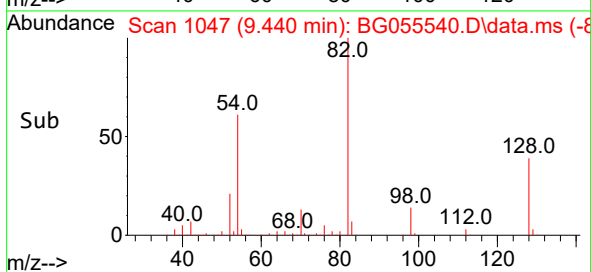
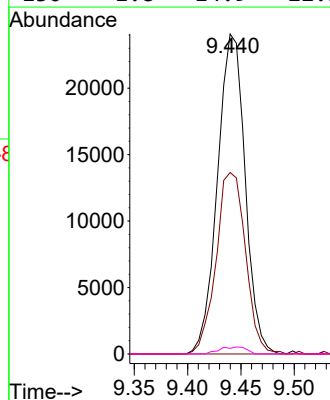
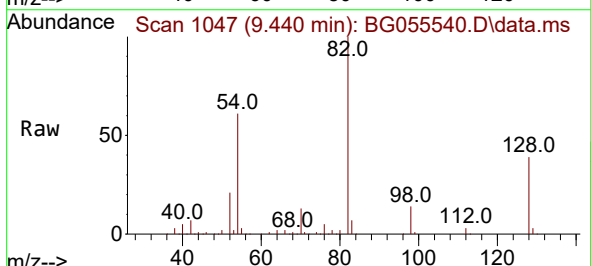
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ClientSampleId :
20221112-COMP-11

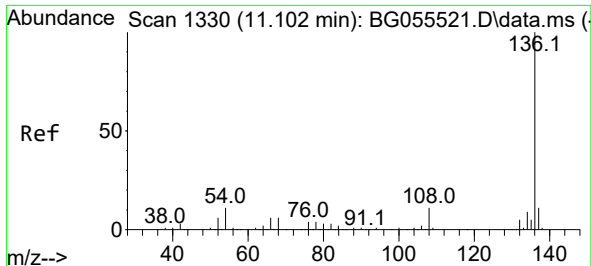
Tgt Ion: 99 Resp: 534455
Ion Ratio Lower Upper
99 100
42 24.9 17.5 26.3
71 36.3 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 15.000 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.365 min
Lab File: BG055540.D
Acq: 10 Nov 2022 15:10

Tgt Ion: 70 Resp: 43386
Ion Ratio Lower Upper
70 100
42 56.7 54.8 82.2
101 0.0 6.8 10.2#
130 1.8 14.9 22.3#

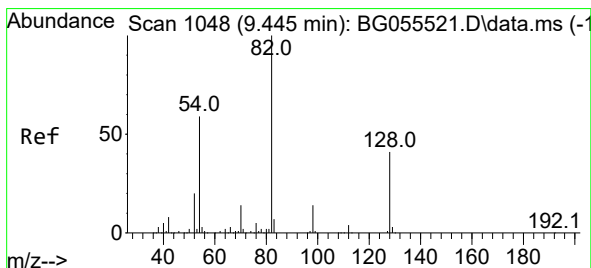
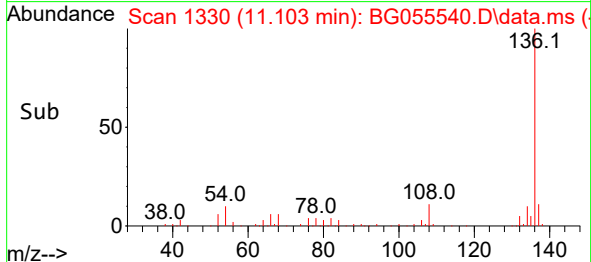
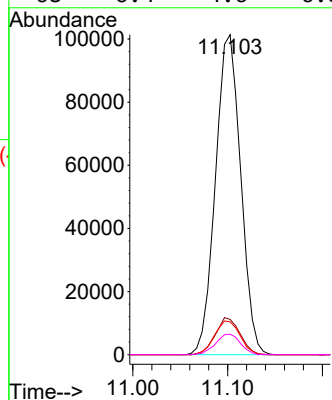
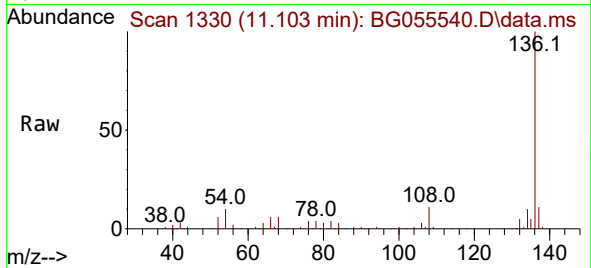




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG055540.D
Acq: 10 Nov 2022 15:10

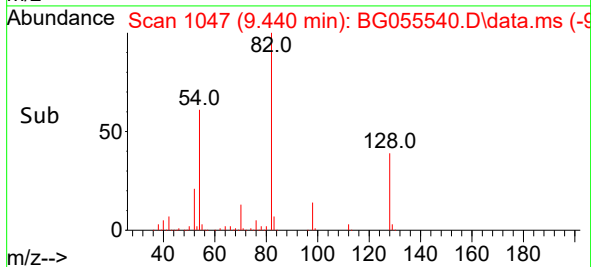
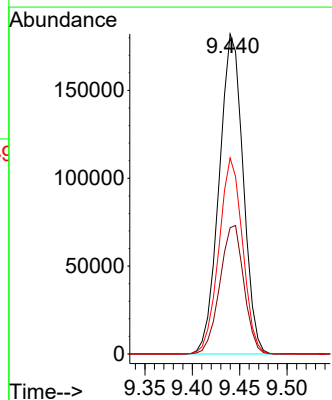
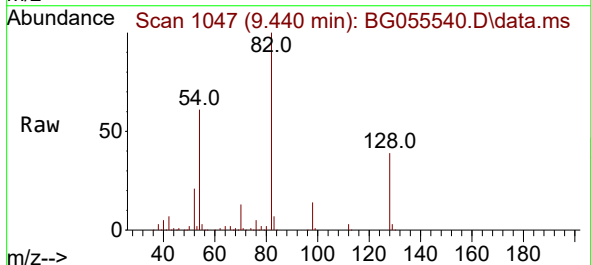
Instrument :
BNA_G
ClientSampleId :
20221112-COMP-11

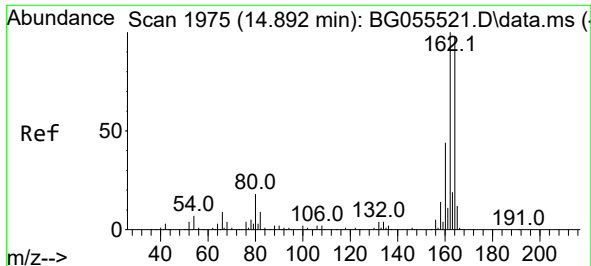
Tgt Ion:136 Resp: 187380
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 10.2 8.6 12.8
68 6.4 4.6 6.8



#23
Nitrobenzene-d5
Concen: 115.861 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.005 min
Lab File: BG055540.D
Acq: 10 Nov 2022 15:10

Tgt Ion: 82 Resp: 320246
Ion Ratio Lower Upper
82 100
128 39.5 32.6 49.0
54 61.2 47.3 70.9

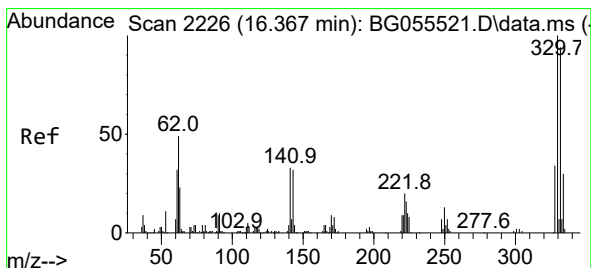
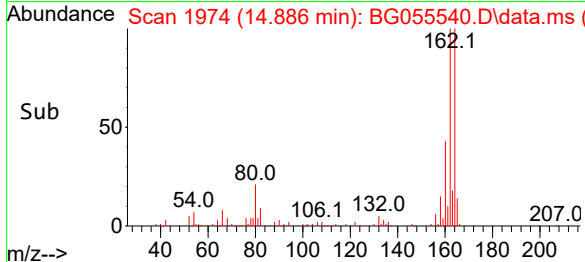
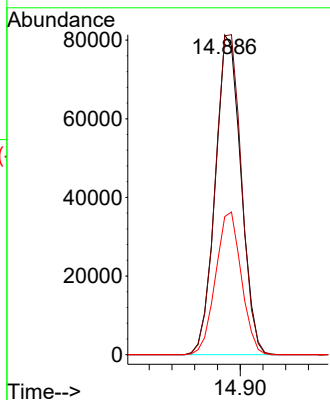
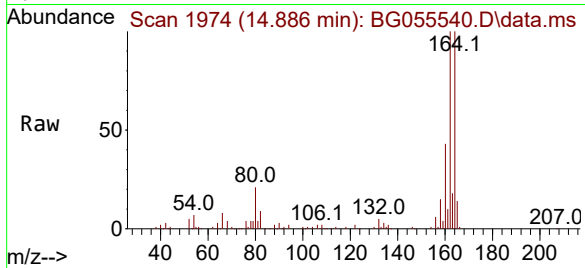




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.006 min
Lab File: BG055540.D
Acq: 10 Nov 2022 15:10

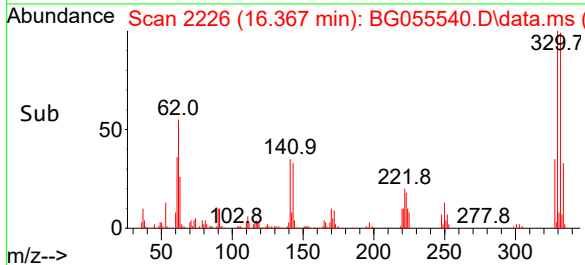
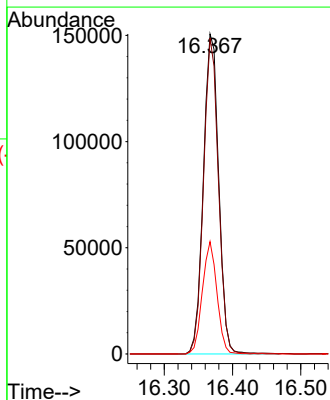
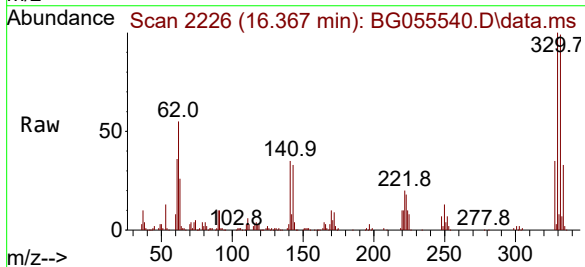
Instrument :
BNA_G
ClientSampleId :
20221112-COMP-11

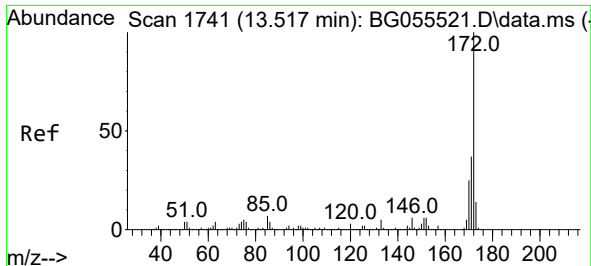
Tgt Ion:164 Resp: 127261
Ion Ratio Lower Upper
164 100
162 99.8 81.3 121.9
160 43.2 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 189.774 ng
RT: 16.367 min Scan# 2226
Delta R.T. -0.000 min
Lab File: BG055540.D
Acq: 10 Nov 2022 15:10

Tgt Ion:330 Resp: 235641
Ion Ratio Lower Upper
330 100
332 95.7 77.4 116.2
141 33.3 25.4 38.2

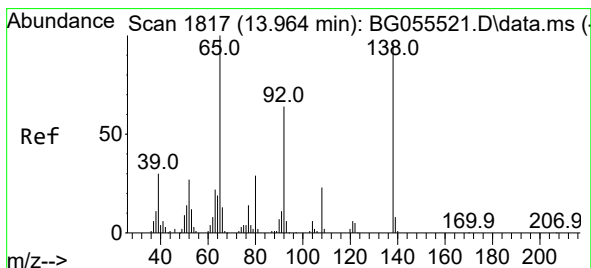
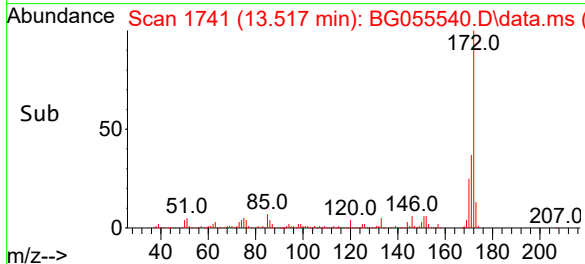
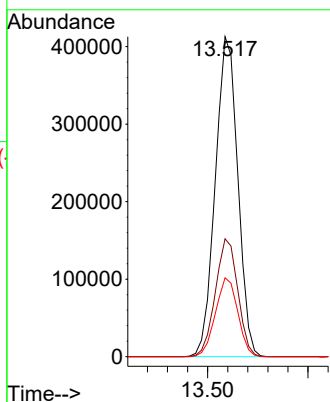
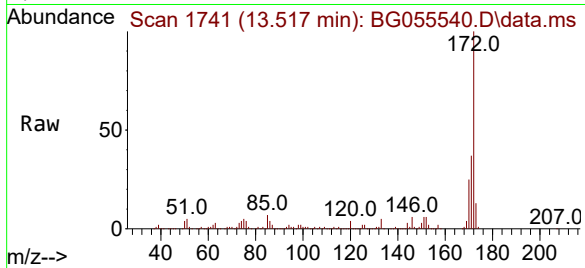




#45
2-Fluorobiphenyl
Concen: 76.105 ng
RT: 13.517 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BG055540.D
Acq: 10 Nov 2022 15:10

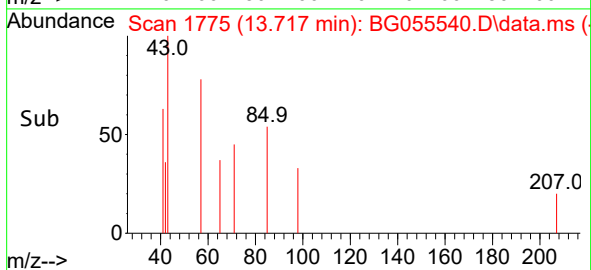
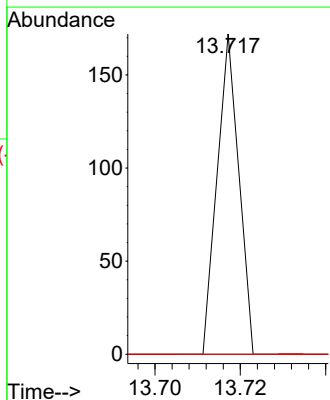
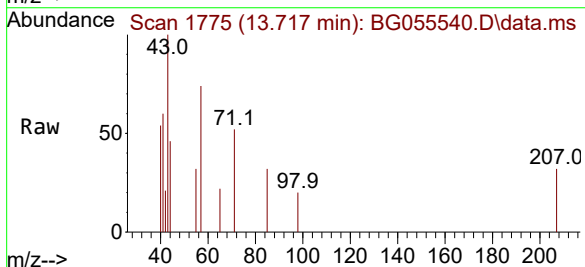
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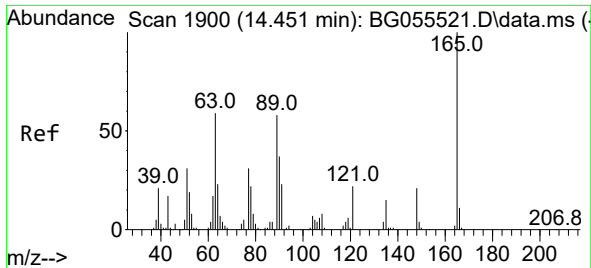
Tgt Ion:172 Resp: 642086
Ion Ratio Lower Upper
172 100
171 36.8 29.7 44.5
170 24.7 19.8 29.6



#48
2-Nitroaniline
Concen: 3.817 ng
RT: 13.717 min Scan# 1775
Delta R.T. -0.247 min
Lab File: BG055540.D
Acq: 10 Nov 2022 15:10

Tgt Ion: 65 Resp: 61
Ion Ratio Lower Upper
65 100
92 0.0 51.6 77.4#
138 0.0 77.0 115.4#

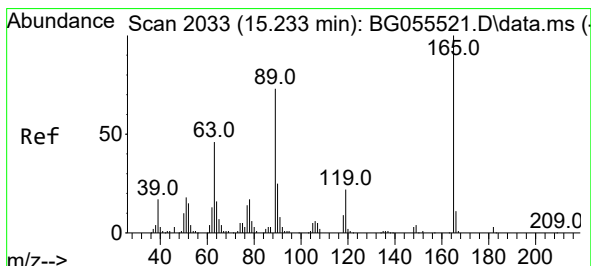
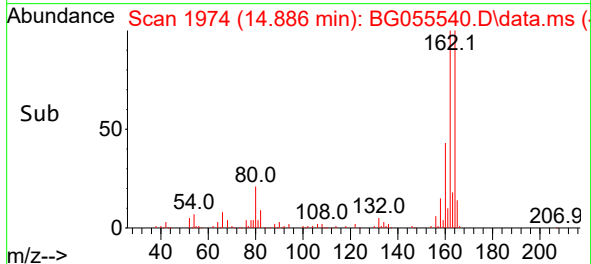
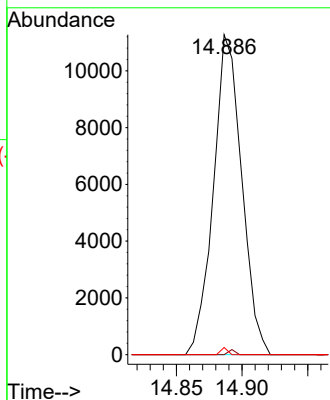
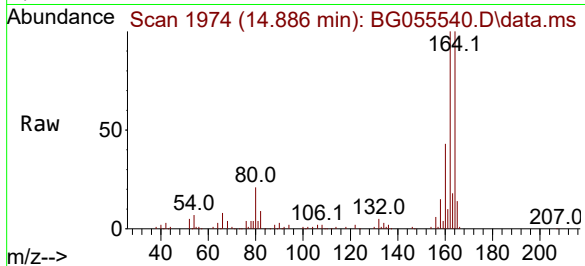




#51
2,6-Dinitrotoluene
Concen: 12.434 ng
RT: 14.886 min Scan# 1900
Delta R.T. 0.435 min
Lab File: BG055540.D
Acq: 10 Nov 2022 15:10

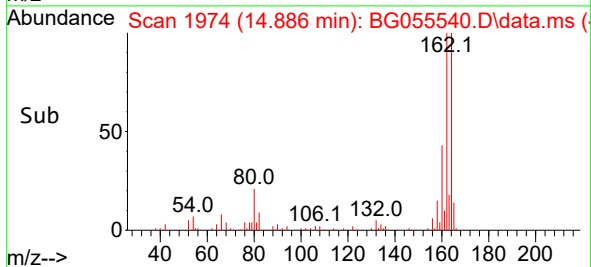
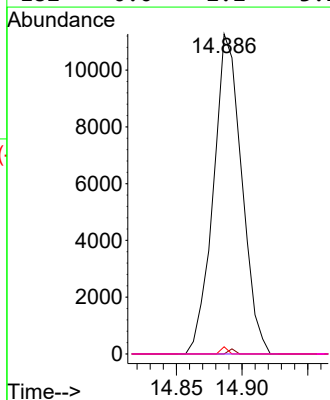
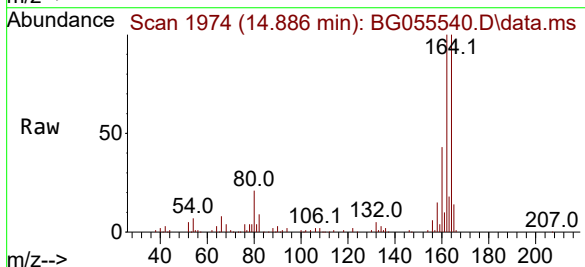
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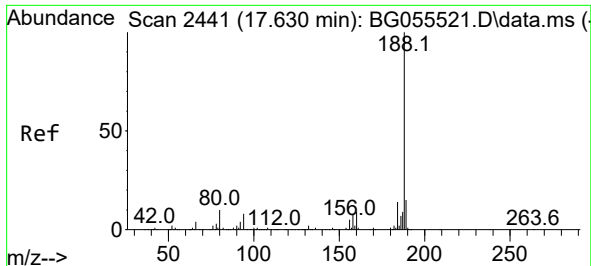
Tgt Ion:165 Resp: 16886
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 2.2 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.576 ng
RT: 14.886 min Scan# 1974
Delta R.T. -0.347 min
Lab File: BG055540.D
Acq: 10 Nov 2022 15:10

Tgt Ion:165 Resp: 16886
Ion Ratio Lower Upper
165 100
63 0.0 37.0 55.4#
89 2.2 58.6 87.8#
182 0.0 2.2 3.2#

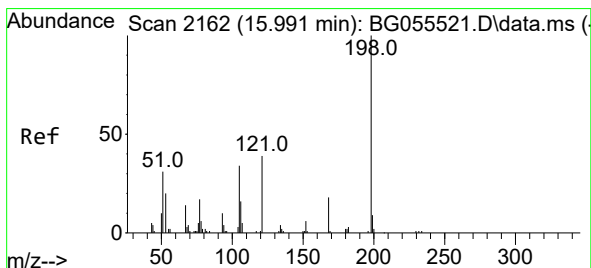
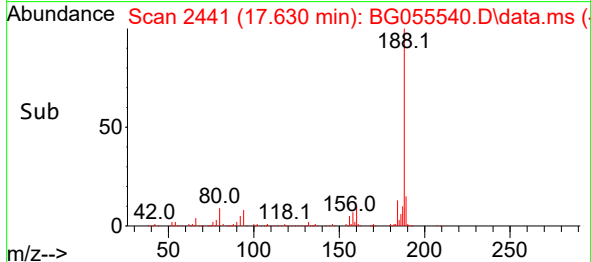
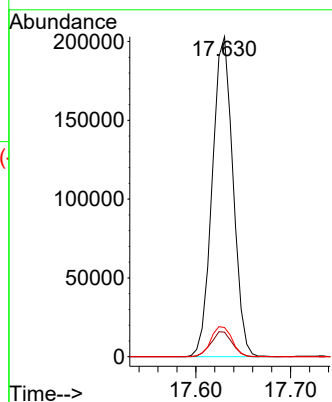
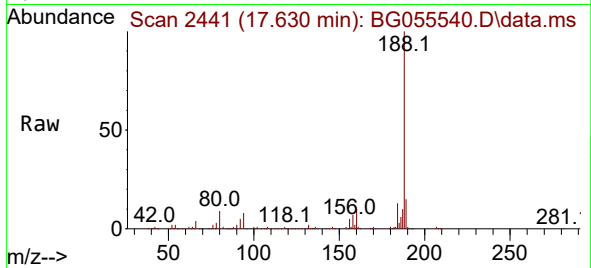




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BG055540.D
Acq: 10 Nov 2022 15:10

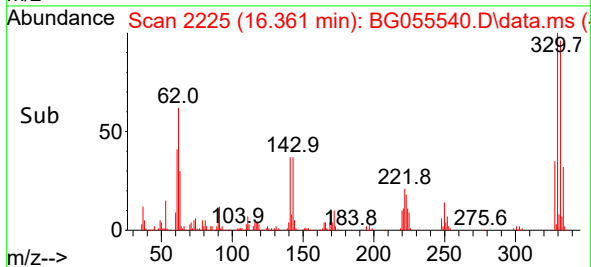
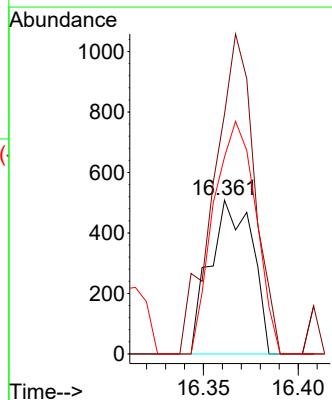
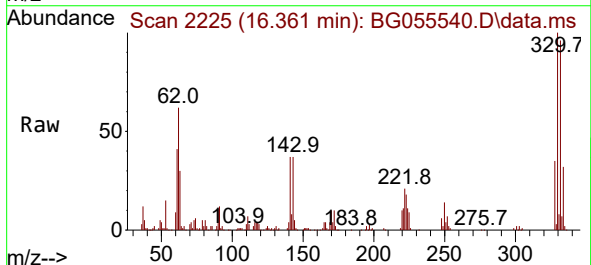
Instrument :
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20221112-COMP-11

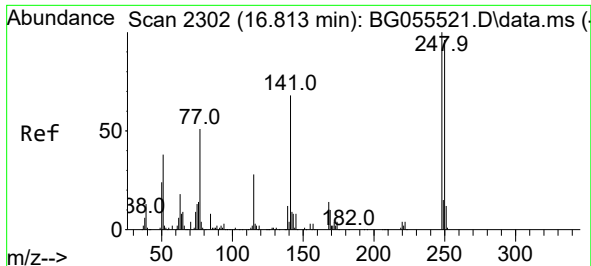
Tgt Ion:188 Resp: 308004
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 9.1 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.965 ng
RT: 16.361 min Scan# 2225
Delta R.T. 0.370 min
Lab File: BG055540.D
Acq: 10 Nov 2022 15:10

Tgt Ion:198 Resp: 794
Ion Ratio Lower Upper
198 100
51 156.1 24.7 64.7#
105 128.1 17.6 57.6#

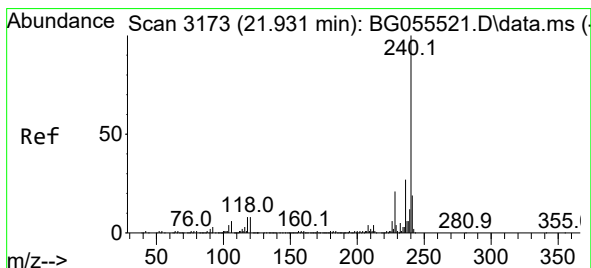
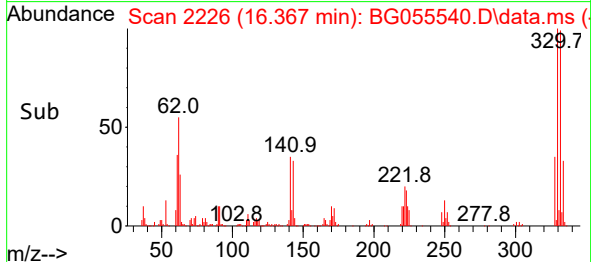
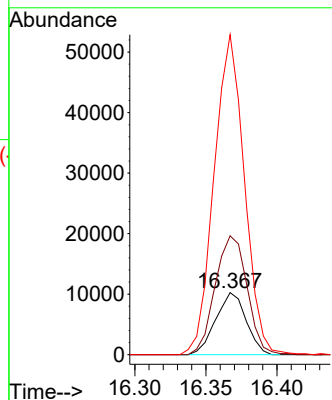
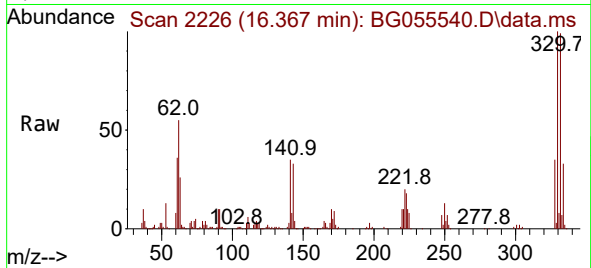




#67
4-Bromophenyl-phenylether
Concen: 4.851 ng
RT: 16.367 min Scan# 21
Delta R.T. -0.446 min
Lab File: BG055540.D
Acq: 10 Nov 2022 15:10

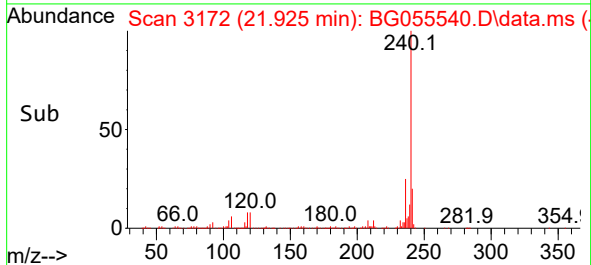
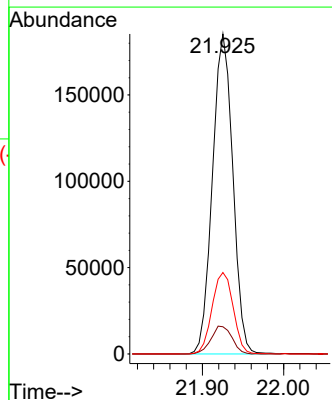
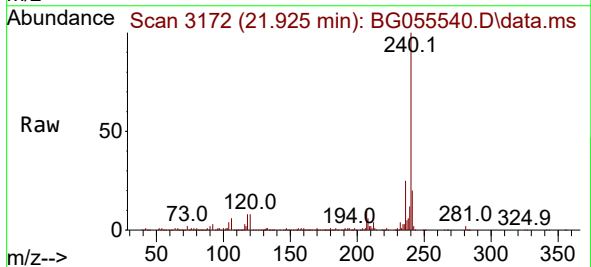
Instrument :
BNA_G
ClientSampleId :
20221112-COMP-11

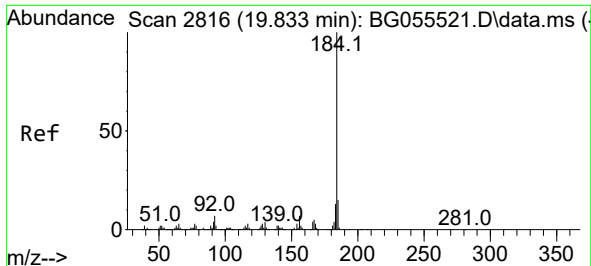
Tgt Ion:248 Resp: 15241
Ion Ratio Lower Upper
248 100
250 191.6 76.9 115.3#
141 515.5 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. -0.006 min
Lab File: BG055540.D
Acq: 10 Nov 2022 15:10

Tgt Ion:240 Resp: 322988
Ion Ratio Lower Upper
240 100
120 8.5 6.1 9.1
236 25.5 21.4 32.0

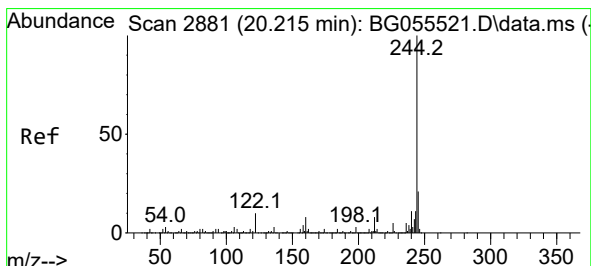
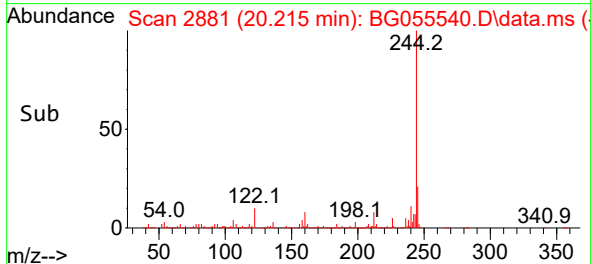
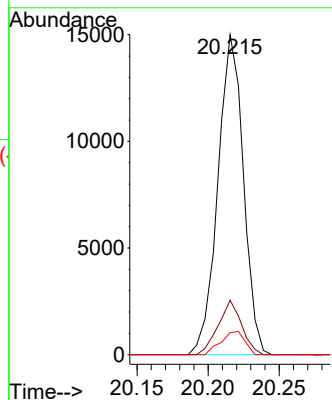
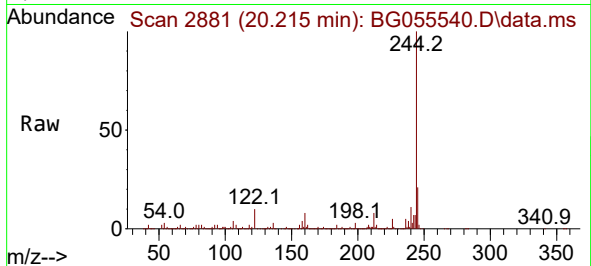




#77
Benzidine
Concen: 2.140 ng
RT: 20.215 min Scan# 21
Delta R.T. 0.382 min
Lab File: BG055540.D
Acq: 10 Nov 2022 15:10

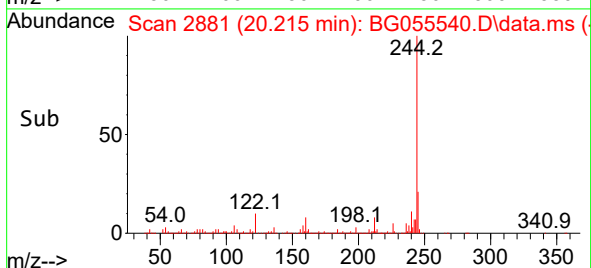
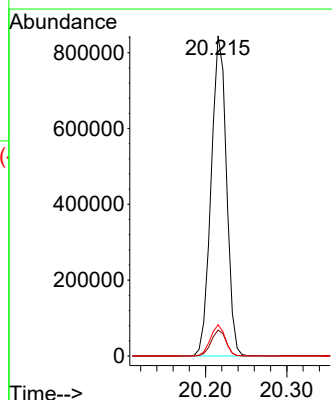
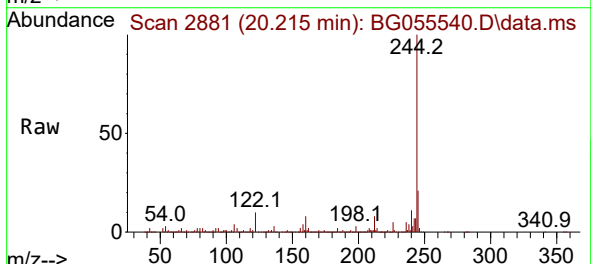
Instrument :
BNA_G
ClientSampleId :
20221112-COMP-11

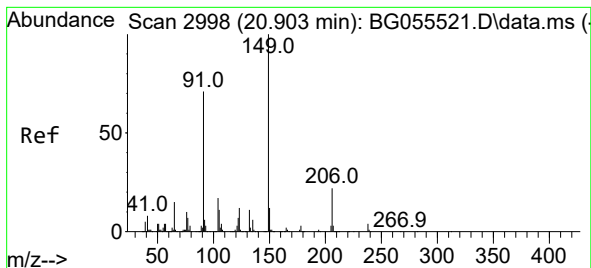
Tgt Ion:184 Resp: 18702
Ion Ratio Lower Upper
184 100
185 17.0 12.0 18.0
183 6.9 10.2 15.2#



#79
Terphenyl-d14
Concen: 68.813 ng
RT: 20.215 min Scan# 2881
Delta R.T. 0.000 min
Lab File: BG055540.D
Acq: 10 Nov 2022 15:10

Tgt Ion:244 Resp: 1106550
Ion Ratio Lower Upper
244 100
212 8.1 6.5 9.7
122 9.8 7.7 11.5





#80

Butylbenzylphthalate

Concen: 3.389 ng

RT: 20.897 min Scan# 2998

Delta R.T. -0.006 min

Lab File: BG055540.D

Acq: 10 Nov 2022 15:10

Instrument :

BNA_G

ClientSampleId :

20221112-COMP-11

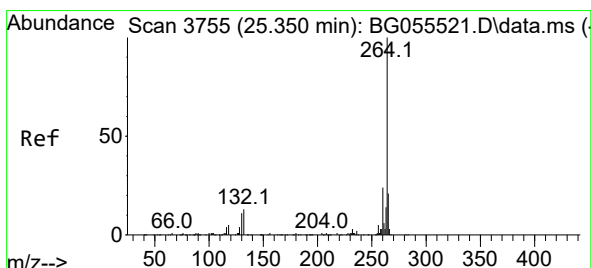
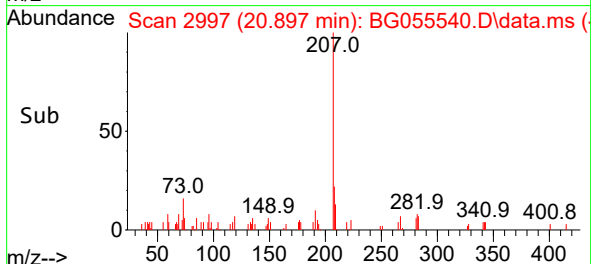
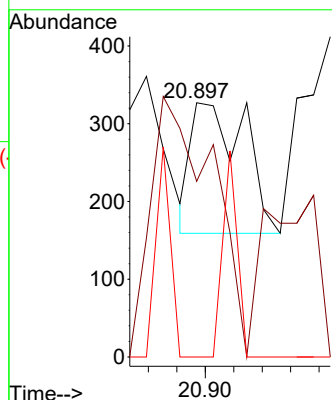
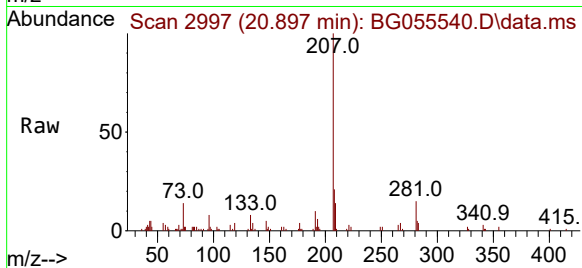
Tgt Ion:149 Resp: 220

Ion Ratio Lower Upper

149 100

91 69.1 56.8 85.2

206 0.0 17.3 25.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.351 min Scan# 3755

Delta R.T. 0.001 min

Lab File: BG055540.D

Acq: 10 Nov 2022 15:10

Tgt Ion:264 Resp: 327777

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

265 21.1 17.1 25.7

