

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
 Data File : BG055564.D
 Acq On : 11 Nov 2022 12:56
 Operator : CG/JU
 Sample : N5506-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-6

Quant Time: Nov 11 16:31:16 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)

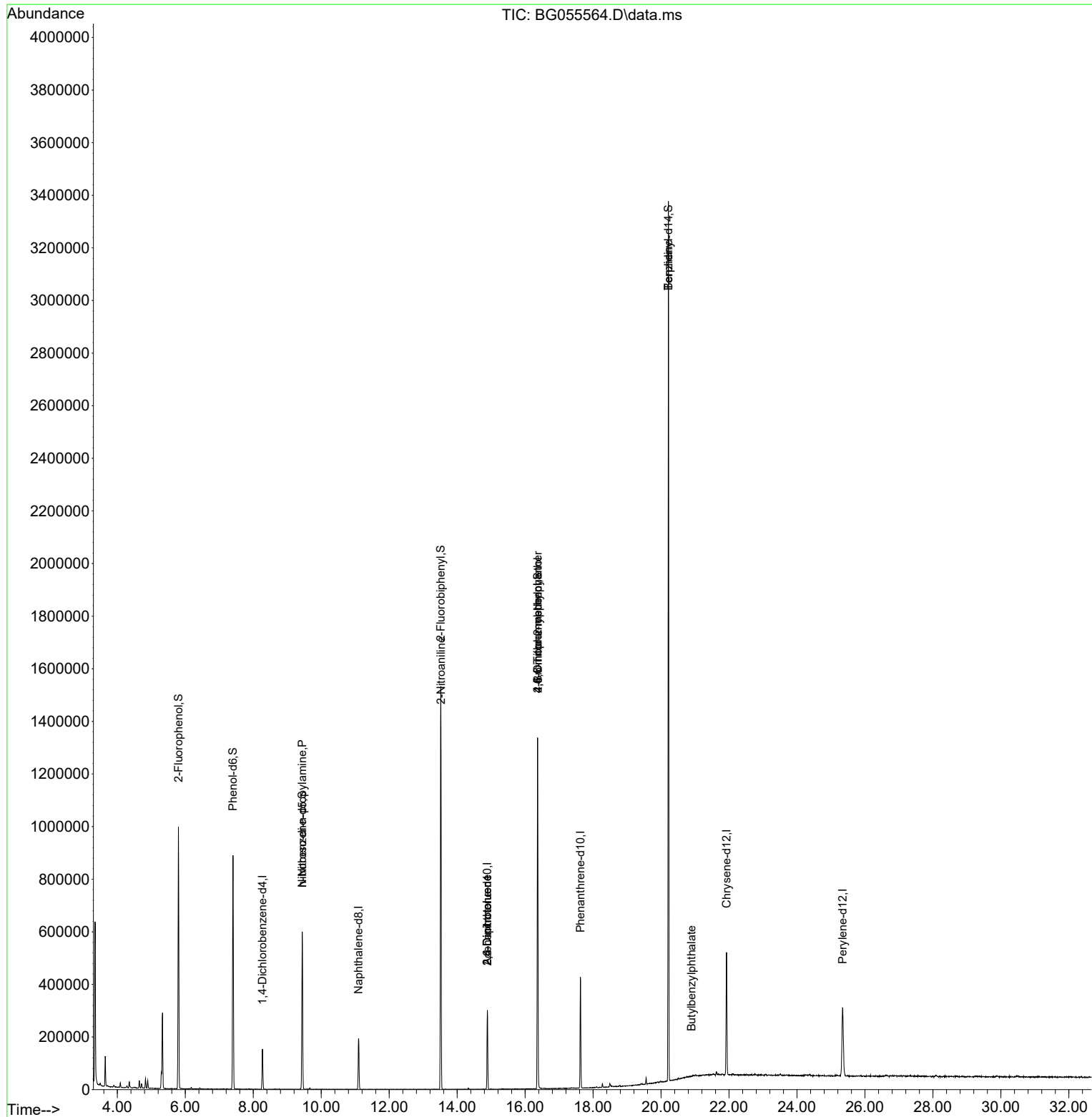
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	43512	20.000	ng	0.00
21) Naphthalene-d8	11.097	136	165363	20.000	ng	0.00
39) Acenaphthene-d10	14.887	164	110649	20.000	ng	0.00
64) Phenanthrene-d10	17.625	188	271575	20.000	ng	0.00
76) Chrysene-d12	21.926	240	298970	20.000	ng	0.00
86) Perylene-d12	25.345	264	300203	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	410380	179.643	ng	0.00
7) Phenol-d6	7.401	99	483735	153.297	ng	0.00
23) Nitrobenzene-d5	9.440	82	346831	142.186	ng	0.00
42) 2,4,6-Tribromophenol	16.367	330	268278	248.496	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	805788	109.847	ng	0.00
79) Terphenyl-d14	20.216	244	1615879	108.559	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.440	70	46696	17.906	ng	# 77
48) 2-Nitroaniline	13.524	65	1392	4.583	ng	# 1
51) 2,6-Dinitrotoluene	14.887	165	14902	12.573	ng	# 20
57) 2,4-Dinitrotoluene	14.887	165	14902	10.680	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.367	198	684	2.940	ng	# 1
67) 4-Bromophenyl-phenylether	16.367	248	17159	6.193	ng	# 1
77) Benzidine	20.216	184	26313	3.253	ng	# 90
80) Butylbenzylphthalate	20.892	149	112	3.378	ng	# 24

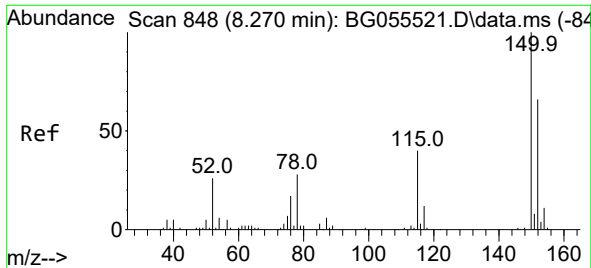
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111122\
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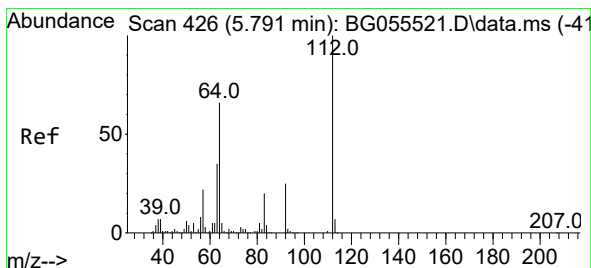
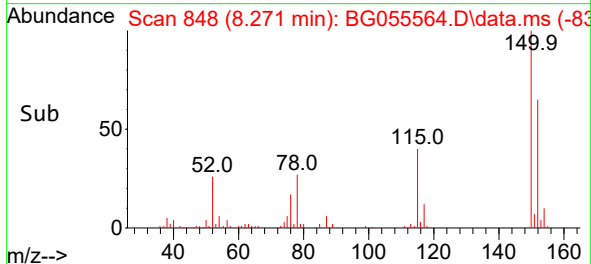
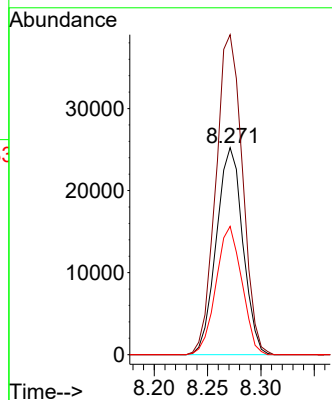
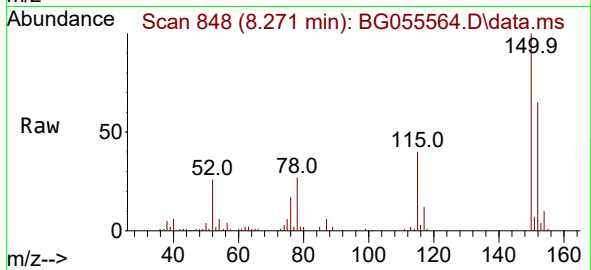




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG055564.D
Acq: 11 Nov 2022 12:56

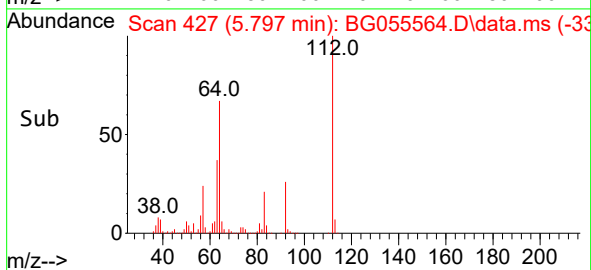
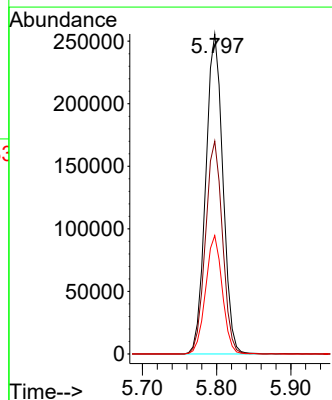
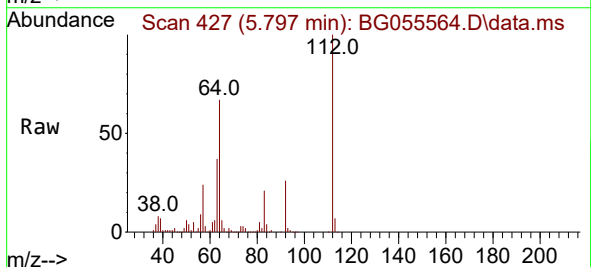
Instrument :
BNA_G
ClientSampleId :
TP-6

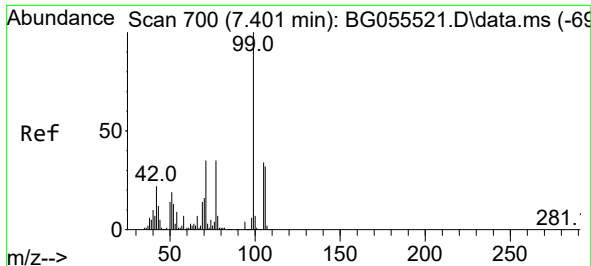
Tgt Ion:152 Resp: 43512
Ion Ratio Lower Upper
152 100
150 154.6 121.0 181.4
115 62.0 47.8 71.8



#5
2-Fluorophenol
Concen: 179.643 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055564.D
Acq: 11 Nov 2022 12:56

Tgt Ion:112 Resp: 410380
Ion Ratio Lower Upper
112 100
64 66.5 52.6 78.8
63 37.0 28.3 42.5

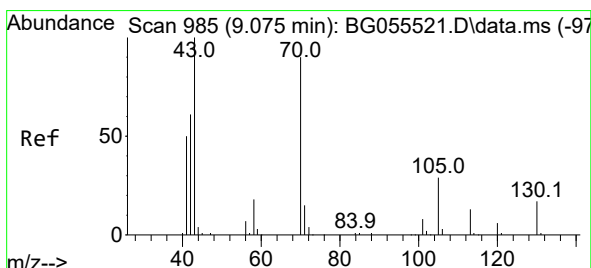
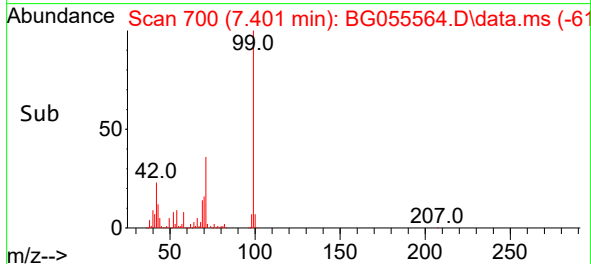
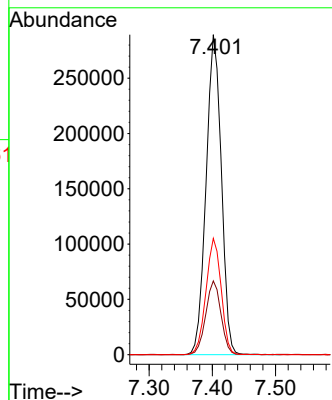
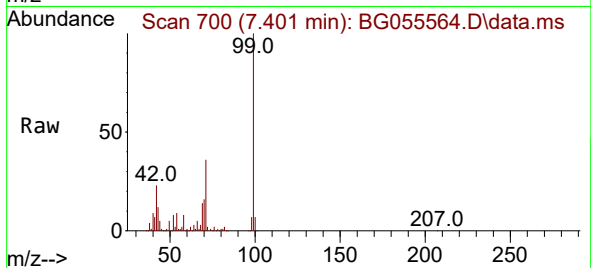




#7
Phenol-d6
Concen: 153.297 ng
RT: 7.401 min Scan# 700
Delta R.T. 0.000 min
Lab File: BG055564.D
Acq: 11 Nov 2022 12:56

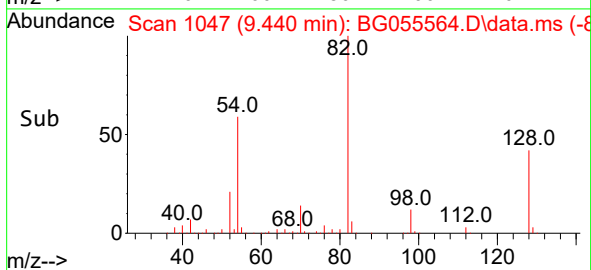
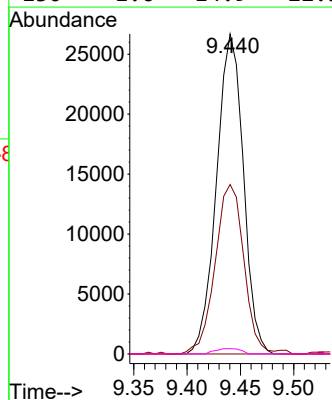
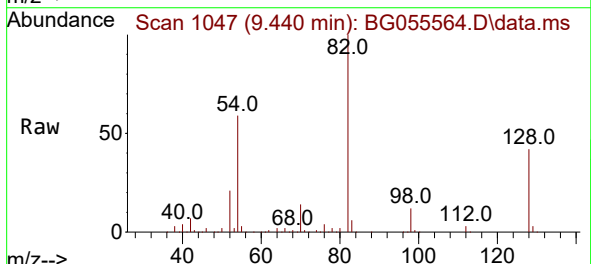
Instrument :
BNA_G
ClientSampleId :
TP-6

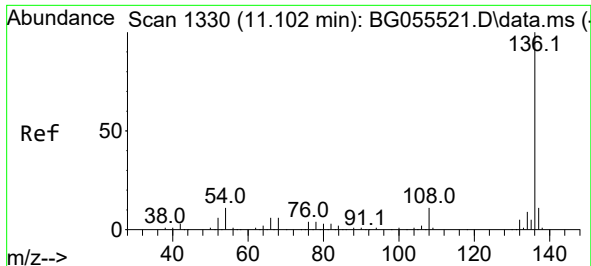
Tgt Ion: 99 Resp: 483735
Ion Ratio Lower Upper
99 100
42 23.0 17.5 26.3
71 36.4 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.906 ng
RT: 9.440 min Scan# 1047
Delta R.T. 0.365 min
Lab File: BG055564.D
Acq: 11 Nov 2022 12:56

Tgt Ion: 70 Resp: 46696
Ion Ratio Lower Upper
70 100
42 52.9 54.8 82.2#
101 0.0 6.8 10.2#
130 1.6 14.9 22.3#

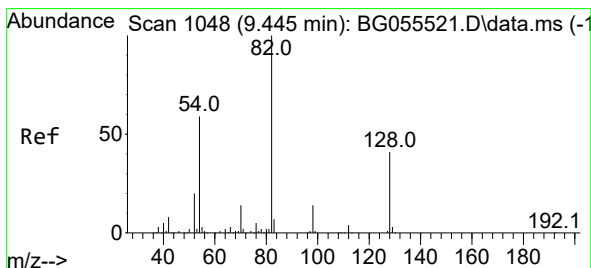
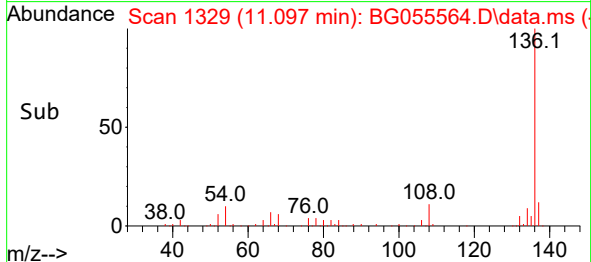
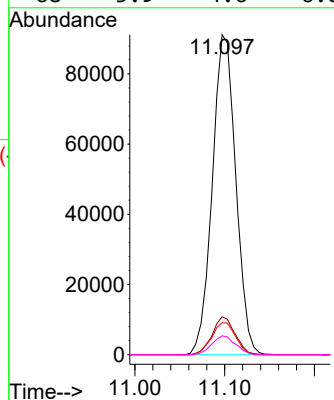
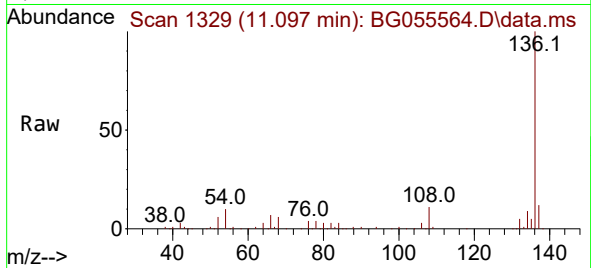




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.097 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055564.D
Acq: 11 Nov 2022 12:56

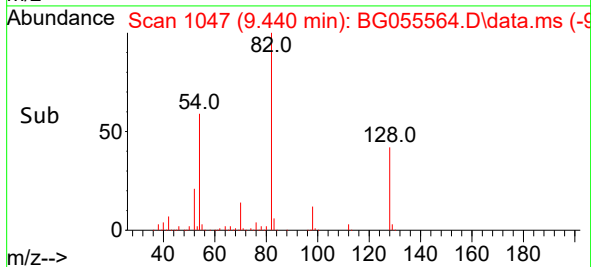
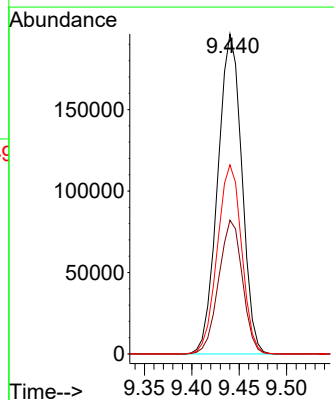
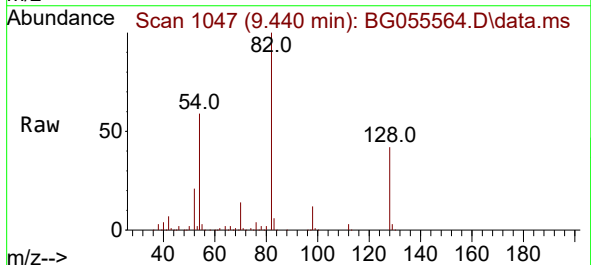
Instrument :
BNA_G
ClientSampleId :
TP-6

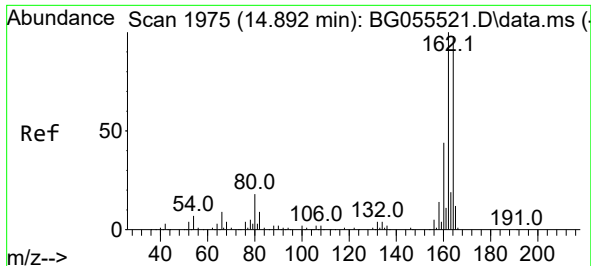
Tgt Ion:136 Resp: 165363
Ion Ratio Lower Upper
136 100
137 11.8 8.6 12.8
54 10.0 8.6 12.8
68 5.9 4.6 6.8



#23
Nitrobenzene-d5
Concen: 142.186 ng
RT: 9.440 min Scan# 1047
Delta R.T. -0.005 min
Lab File: BG055564.D
Acq: 11 Nov 2022 12:56

Tgt Ion: 82 Resp: 346831
Ion Ratio Lower Upper
82 100
128 41.8 32.6 49.0
54 59.1 47.3 70.9

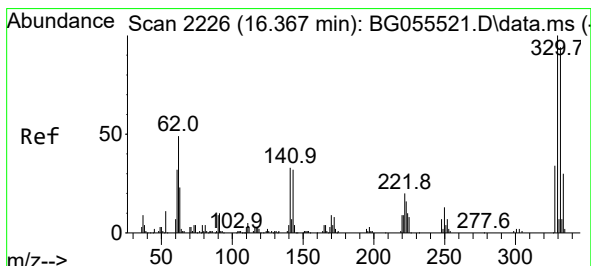
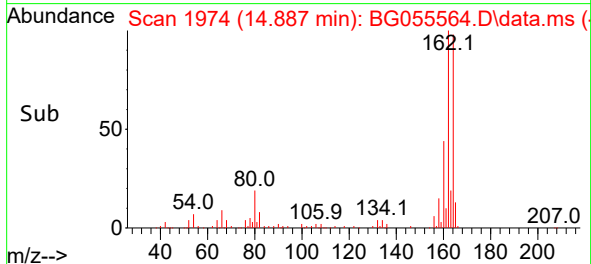
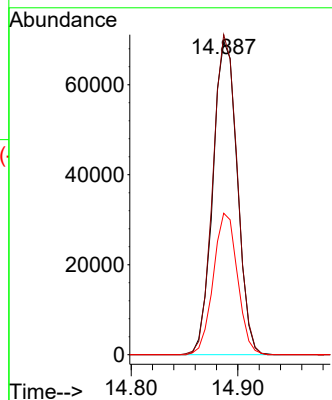
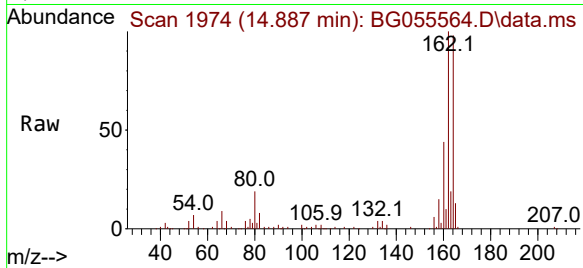




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.005 min
Lab File: BG055564.D
Acq: 11 Nov 2022 12:56

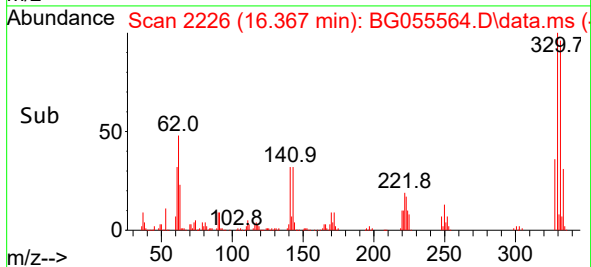
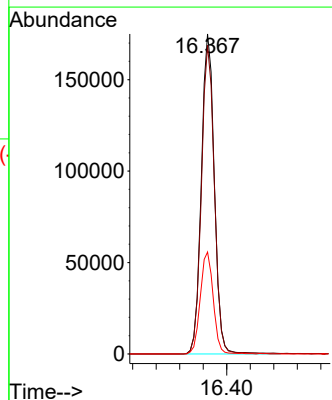
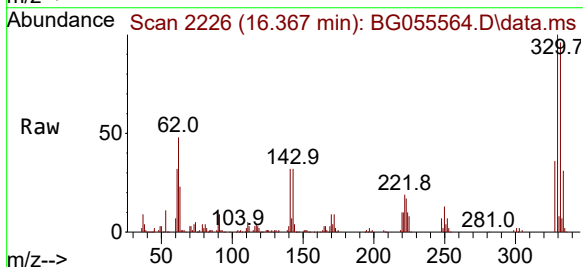
Instrument :
BNA_G
ClientSampleId :
TP-6

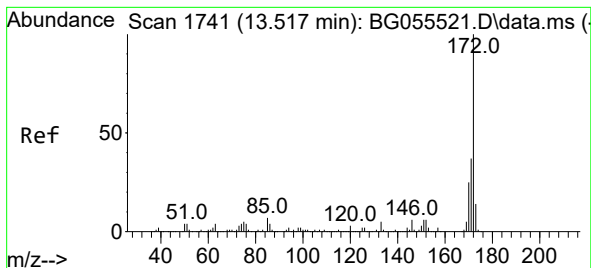
Tgt Ion:164 Resp: 110649
Ion Ratio Lower Upper
164 100
162 102.0 81.3 121.9
160 45.1 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 248.496 ng
RT: 16.367 min Scan# 2226
Delta R.T. 0.000 min
Lab File: BG055564.D
Acq: 11 Nov 2022 12:56

Tgt Ion:330 Resp: 268278
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.2
141 31.7 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 109.847 ng

RT: 13.518 min Scan# 1741

Delta R.T. 0.001 min

Lab File: BG055564.D

Acq: 11 Nov 2022 12:56

Instrument :

BNA_G

ClientSampleId :

TP-6

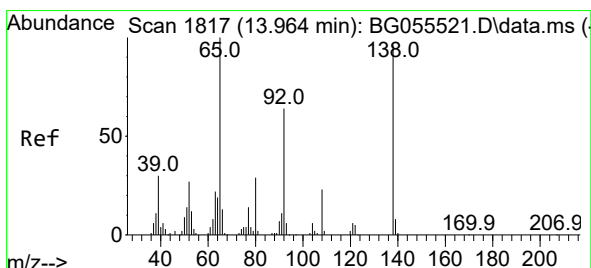
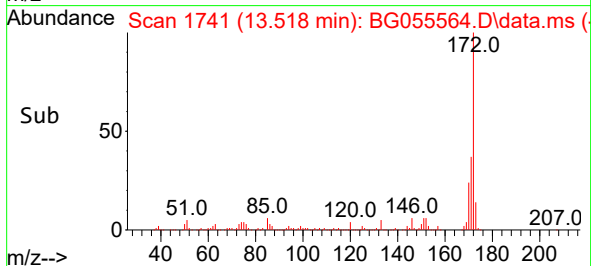
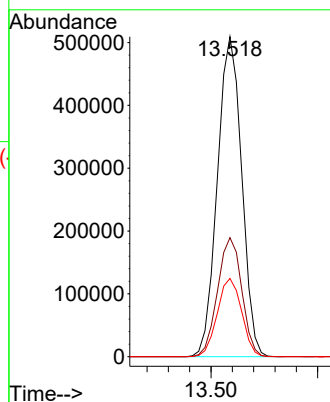
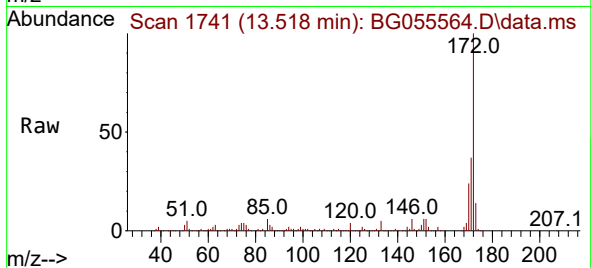
Tgt Ion:172 Resp: 805788

Ion Ratio Lower Upper

172 100

171 37.2 29.7 44.5

170 24.5 19.8 29.6



#48

2-Nitroaniline

Concen: 4.583 ng

RT: 13.524 min Scan# 1742

Delta R.T. -0.440 min

Lab File: BG055564.D

Acq: 11 Nov 2022 12:56

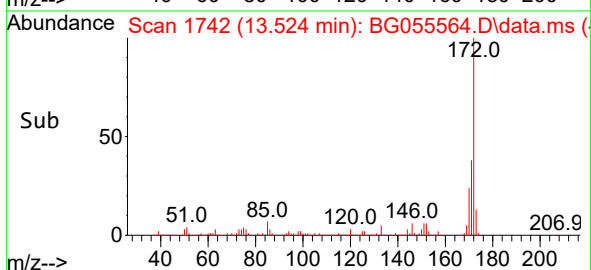
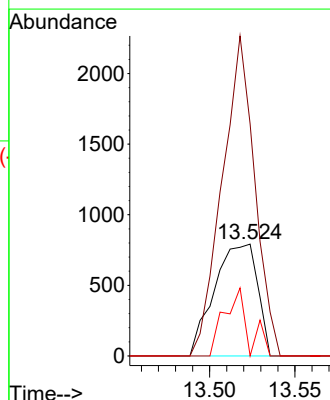
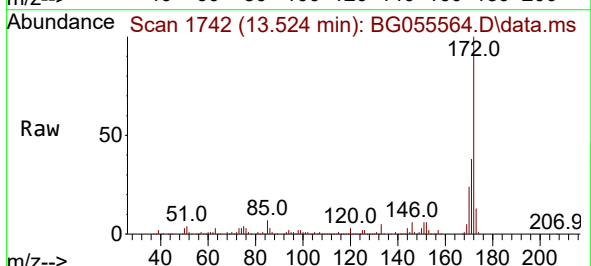
Tgt Ion: 65 Resp: 1392

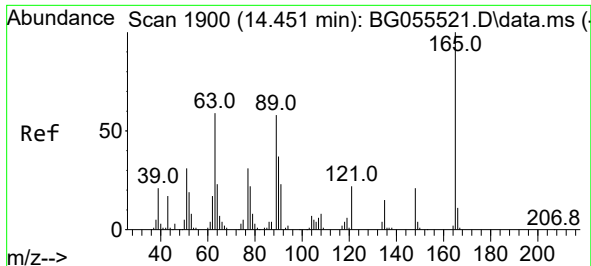
Ion Ratio Lower Upper

65 100

92 207.4 51.6 77.4#

138 0.0 77.0 115.4#

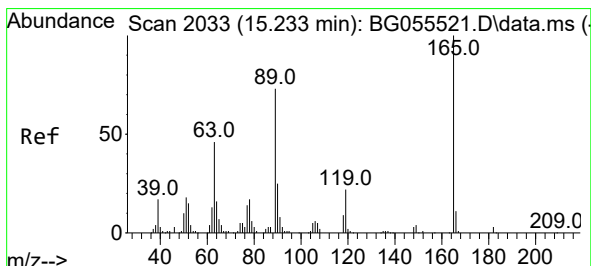
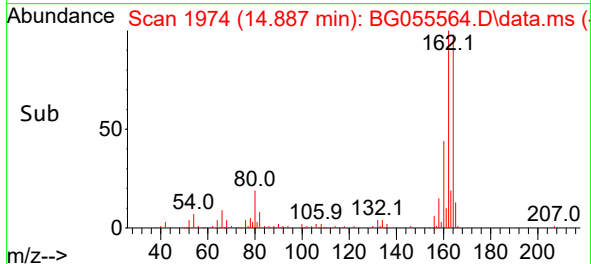
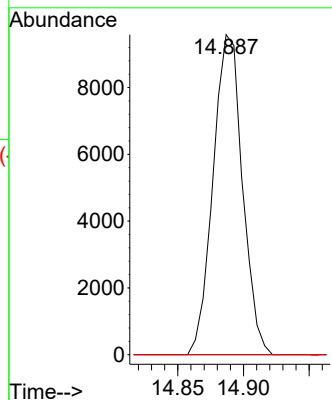
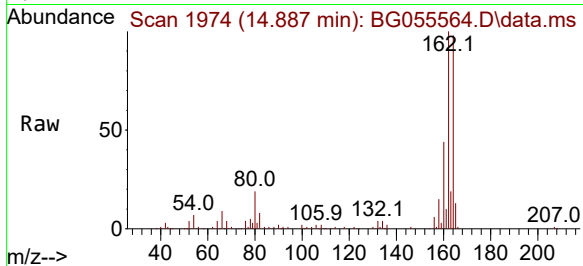




#51
2,6-Dinitrotoluene
Concen: 12.573 ng
RT: 14.887 min Scan# 1900
Delta R.T. 0.436 min
Lab File: BG055564.D
Acq: 11 Nov 2022 12:56

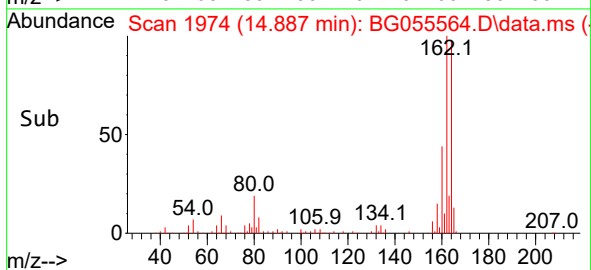
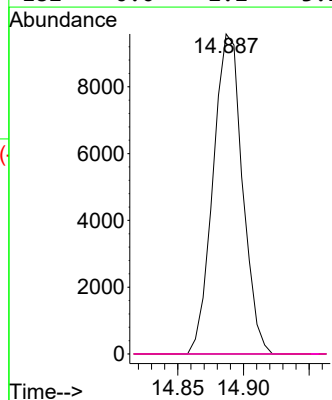
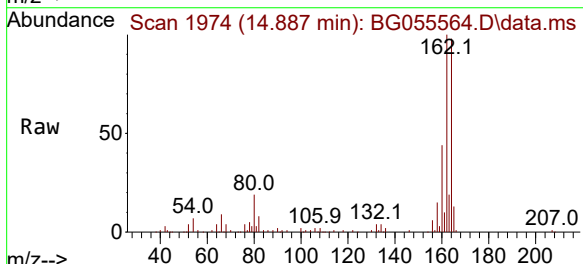
Instrument :
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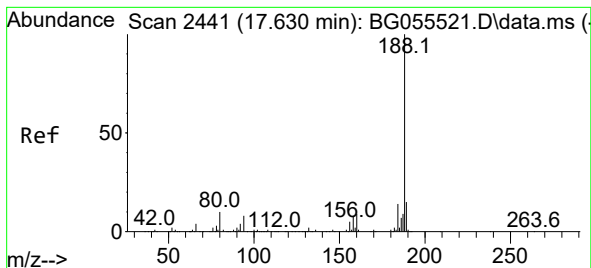
Tgt Ion:165 Resp: 14902
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 0.0 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.680 ng
RT: 14.887 min Scan# 1974
Delta R.T. -0.346 min
Lab File: BG055564.D
Acq: 11 Nov 2022 12:56

Tgt Ion:165 Resp: 14902
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: BG055564.D

Acq: 11 Nov 2022 12:56

Instrument :

BNA_G

ClientSampleId :

TP-6

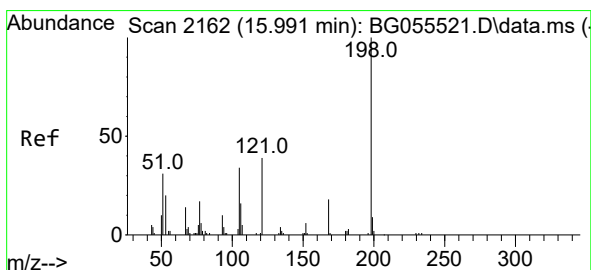
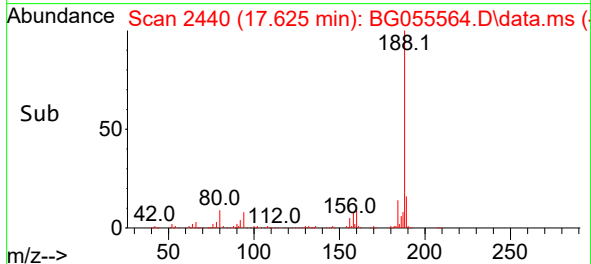
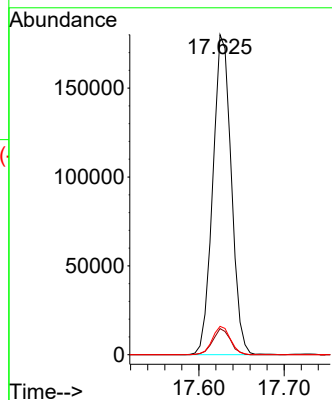
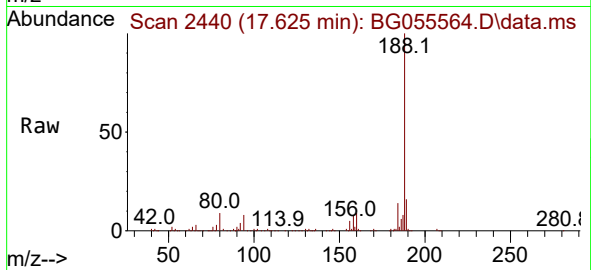
Tgt Ion:188 Resp: 271575

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.8 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 2.940 ng

RT: 16.367 min Scan# 2226

Delta R.T. 0.376 min

Lab File: BG055564.D

Acq: 11 Nov 2022 12:56

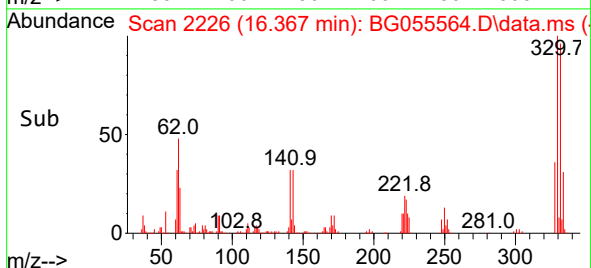
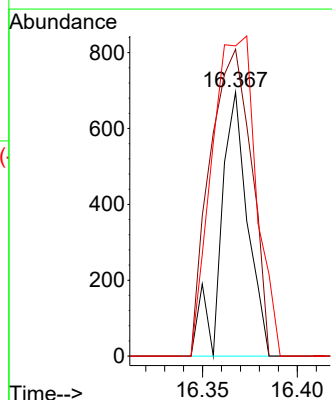
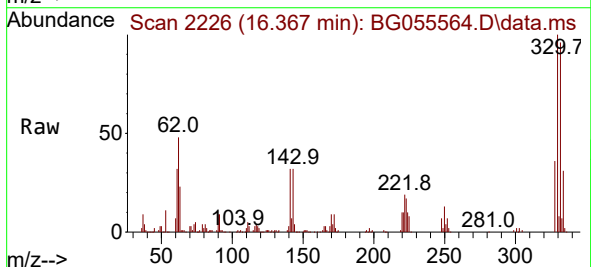
Tgt Ion:198 Resp: 684

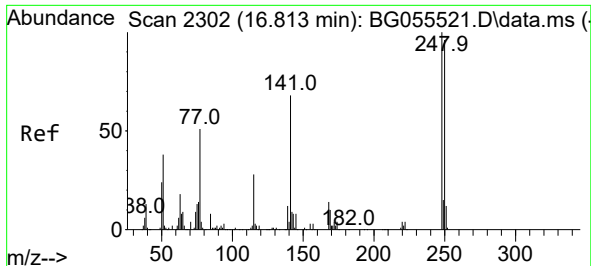
Ion Ratio Lower Upper

198 100

51 116.2 24.7 64.7#

105 117.5 17.6 57.6#

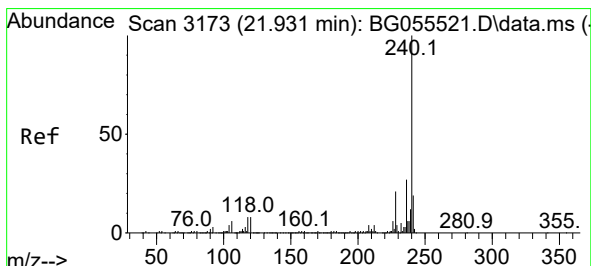
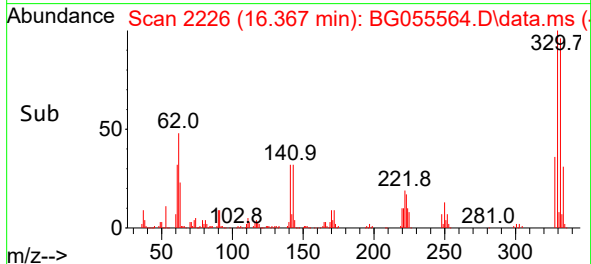
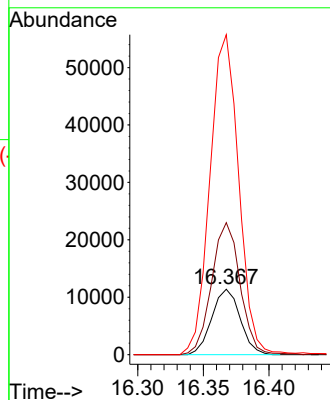
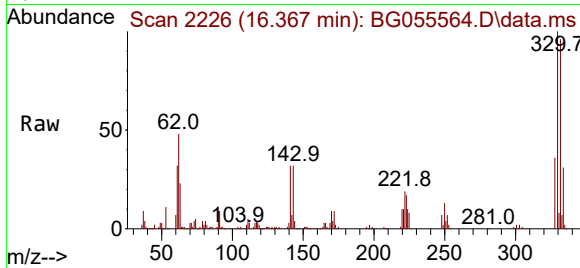




#67
4-Bromophenyl-phenylether
Concen: 6.193 ng
RT: 16.367 min Scan# 211
Delta R.T. -0.446 min
Lab File: BG055564.D
Acq: 11 Nov 2022 12:56

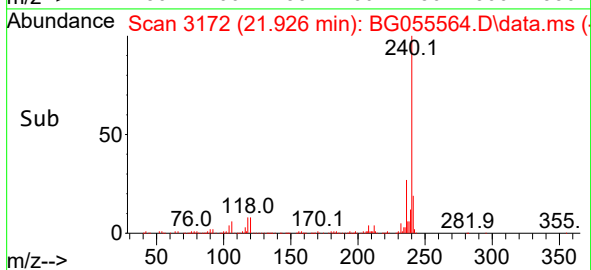
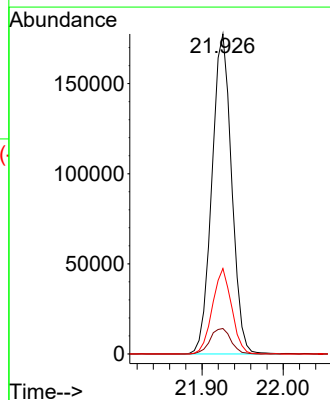
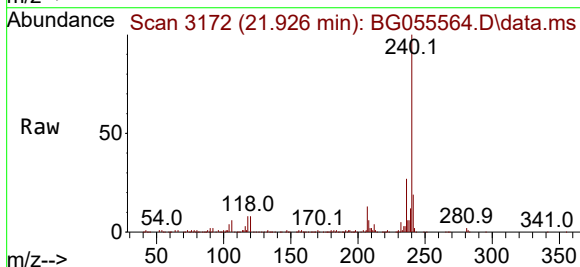
Instrument :
BNA_G
ClientSampleId :
TP-6

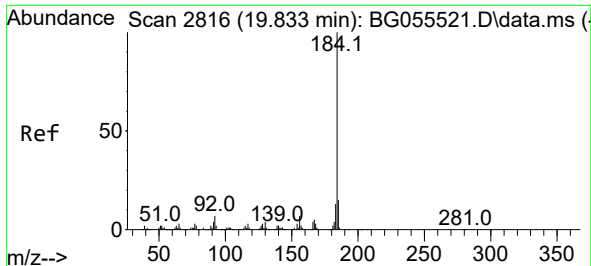
Tgt Ion:248 Resp: 17159
Ion Ratio Lower Upper
248 100
250 201.8 76.9 115.3#
141 488.8 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.926 min Scan# 3172
Delta R.T. -0.005 min
Lab File: BG055564.D
Acq: 11 Nov 2022 12:56

Tgt Ion:240 Resp: 298970
Ion Ratio Lower Upper
240 100
120 8.0 6.1 9.1
236 26.7 21.4 32.0

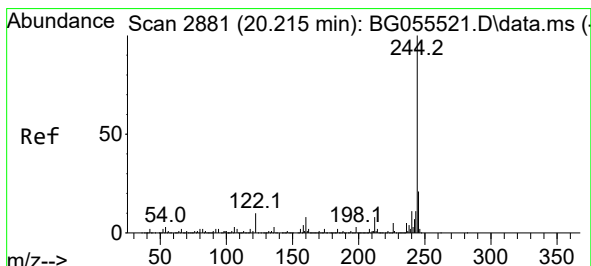
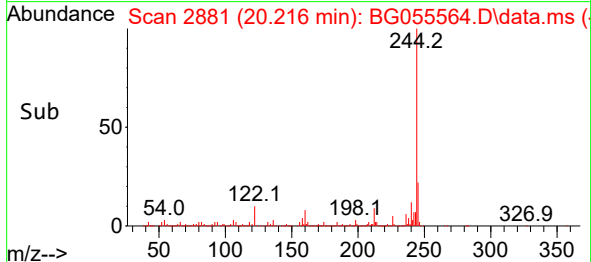
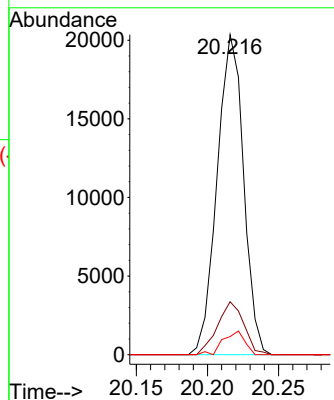
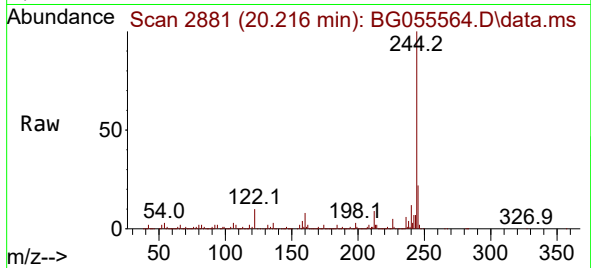




#77
Benzidine
Concen: 3.253 ng
RT: 20.216 min Scan# 2816
Delta R.T. 0.383 min
Lab File: BG055564.D
Acq: 11 Nov 2022 12:56

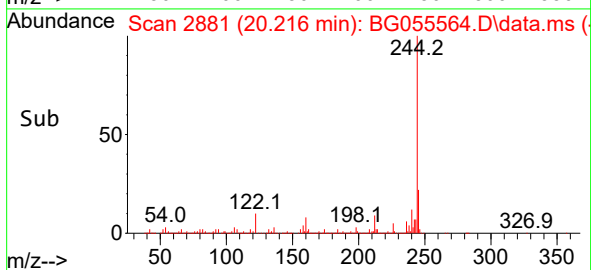
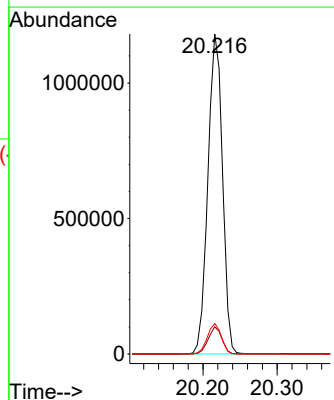
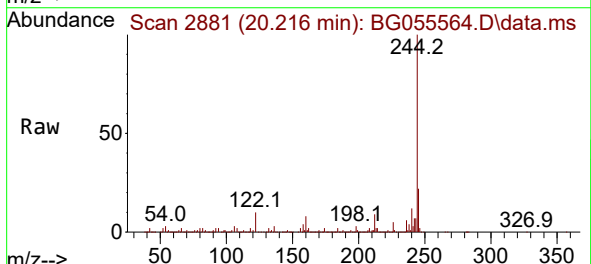
Instrument :
BNA_G
ClientSampleId :
TP-6

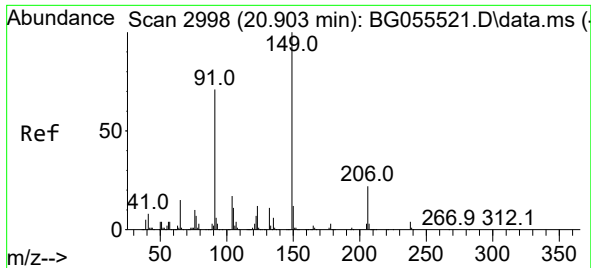
Tgt Ion:184 Resp: 26313
Ion Ratio Lower Upper
184 100
185 16.5 12.0 18.0
183 5.6 10.2 15.2#



#79
Terphenyl-d14
Concen: 108.559 ng
RT: 20.216 min Scan# 2881
Delta R.T. 0.001 min
Lab File: BG055564.D
Acq: 11 Nov 2022 12:56

Tgt Ion:244 Resp: 1615879
Ion Ratio Lower Upper
244 100
212 8.5 6.5 9.7
122 9.5 7.7 11.5

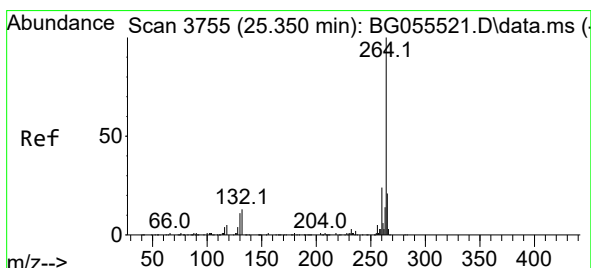
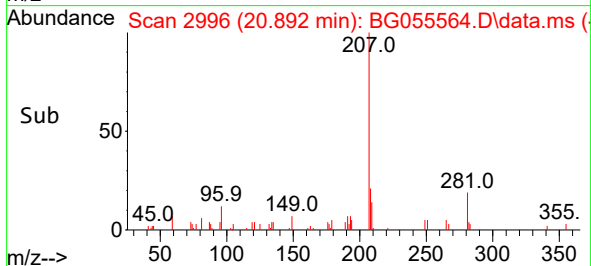
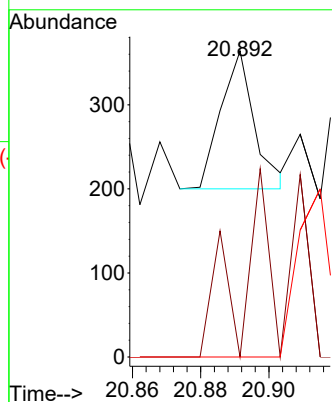
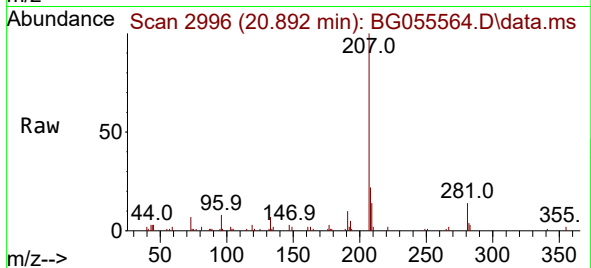




#80
Butylbenzylphthalate
Concen: 3.378 ng
RT: 20.892 min Scan# 2998
Delta R.T. -0.011 min
Lab File: BG055564.D
Acq: 11 Nov 2022 12:56

Instrument :
BNA_G
ClientSampleId :
TP-6

Tgt Ion:149 Resp: 112
Ion Ratio Lower Upper
149 100
91 0.0 56.8 85.2#
206 0.0 17.3 25.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.345 min Scan# 3754
Delta R.T. -0.005 min
Lab File: BG055564.D
Acq: 11 Nov 2022 12:56

Tgt Ion:264 Resp: 300203
Ion Ratio Lower Upper
264 100
260 23.7 19.4 29.2
265 21.8 17.1 25.7

