

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111022\
 Data File : BG055538.D
 Acq On : 10 Nov 2022 13:48
 Operator : CG/JU
 Sample : N5378-08
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EB-20221028

Quant Time: Nov 11 02:00:00 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)

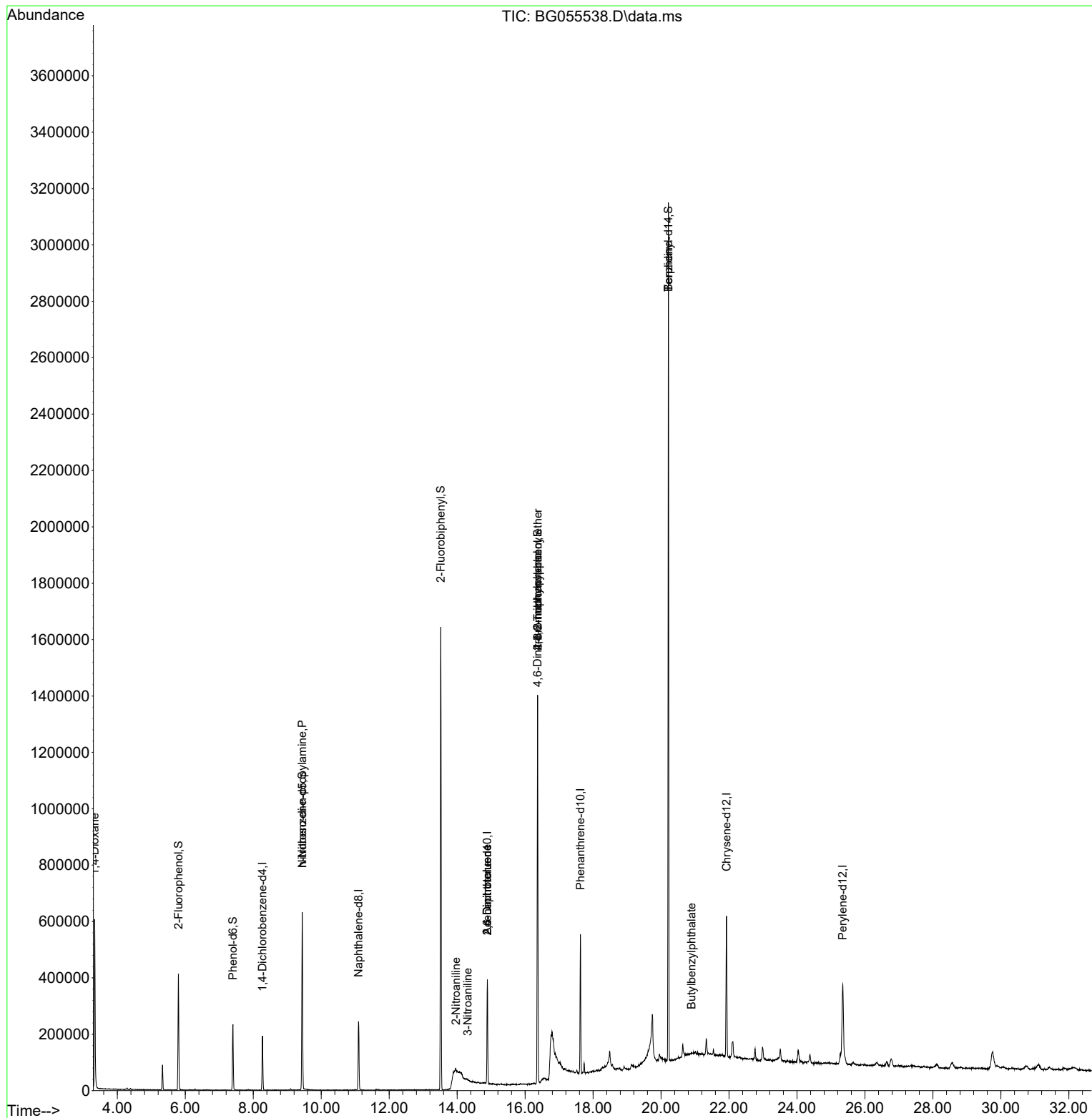
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.272	152	53580	20.000	ng	0.00
21) Naphthalene-d8	11.099	136	208832	20.000	ng	0.00
39) Acenaphthene-d10	14.888	164	134575	20.000	ng	0.00
64) Phenanthrene-d10	17.626	188	303710	20.000	ng	0.00
76) Chrysene-d12	21.927	240	330441	20.000	ng	0.00
86) Perylene-d12	25.347	264	330776	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.799	112	176433	62.721	ng	0.00
7) Phenol-d6	7.403	99	128326	33.025	ng	0.00
23) Nitrobenzene-d5	9.442	82	361014	117.194	ng	0.00
42) 2,4,6-Tribromophenol	16.369	330	264044	201.091	ng	0.00
45) 2-Fluorobiphenyl	13.519	172	856802	96.035	ng	0.00
79) Terphenyl-d14	20.217	244	1454563	88.414	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.331	88	5904	4.132	ng	# 1
19) n-Nitroso-di-n-propyla...	9.442	70	49100	15.290	ng	# 81
48) 2-Nitroaniline	13.966	65	125	3.846	ng	# 8
51) 2,6-Dinitrotoluene	14.888	165	16952	11.963	ng	# 23
53) 3-Nitroaniline	14.312	138	56	3.803	ng	# 1
57) 2,4-Dinitrotoluene	14.888	165	16952	10.223	ng	# 24
65) 4,6-Dinitro-2-methylph...	16.363	198	910	3.139	ng	# 1
67) 4-Bromophenyl-phenylether	16.369	248	17264	5.572	ng	# 1
77) Benzidine	20.217	184	25081	2.806	ng	# 88
80) Butylbenzylphthalate	20.893	149	192	3.385	ng	# 87

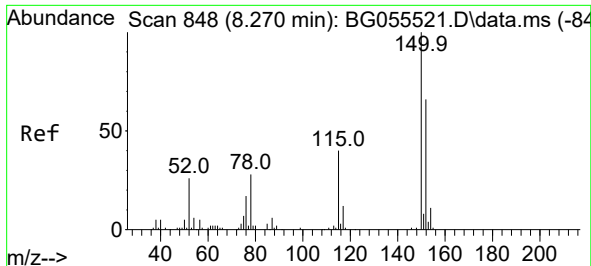
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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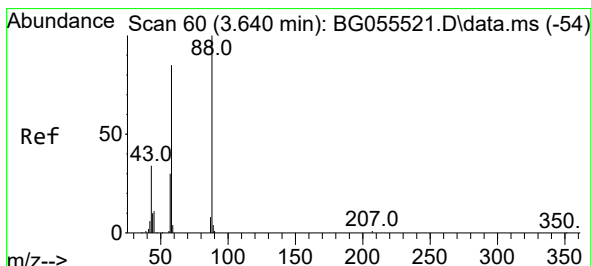
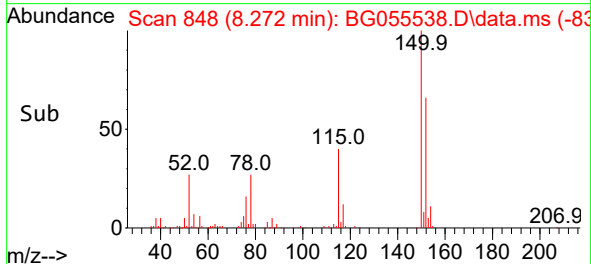
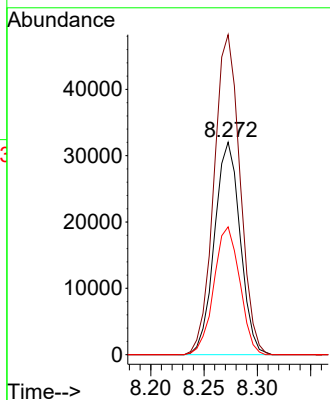
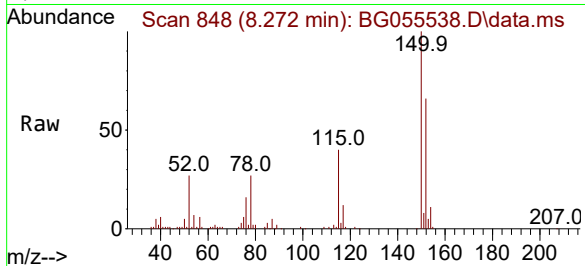




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.272 min Scan# 84
 Delta R.T. 0.002 min
 Lab File: BG055538.D
 Acq: 10 Nov 2022 13:48

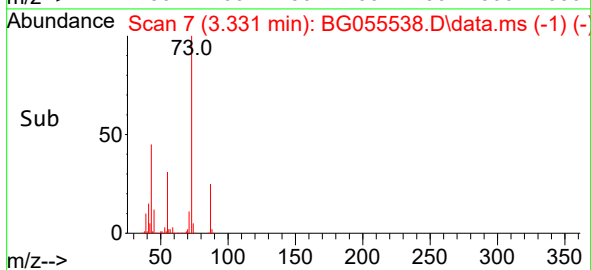
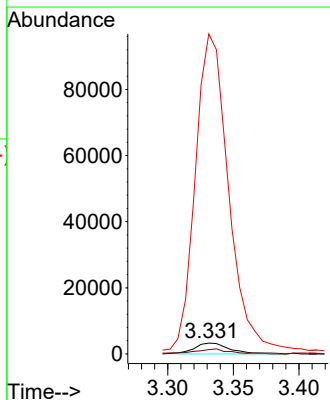
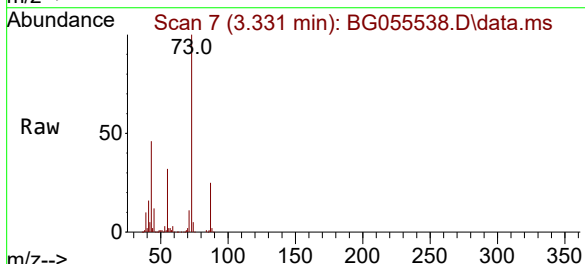
Instrument :
 BNA_G
 ClientSampleId :
 EB-20221028

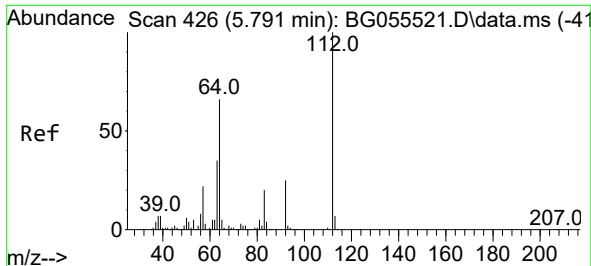
Tgt Ion:152 Resp: 53580
 Ion Ratio Lower Upper
 152 100
 150 150.6 121.0 181.4
 115 60.1 47.8 71.8



#2
 1,4-Dioxane
 Concen: 4.132 ng
 RT: 3.331 min Scan# 7
 Delta R.T. -0.309 min
 Lab File: BG055538.D
 Acq: 10 Nov 2022 13:48

Tgt Ion: 88 Resp: 5904
 Ion Ratio Lower Upper
 88 100
 58 31.9 68.9 103.3#
 43 2852.6 27.1 40.7#

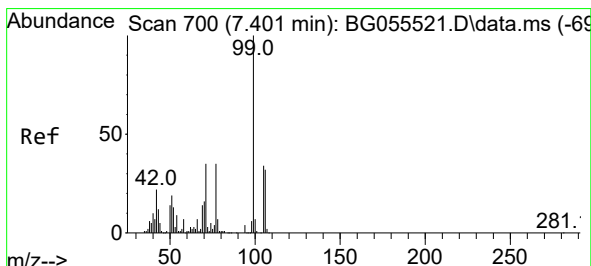
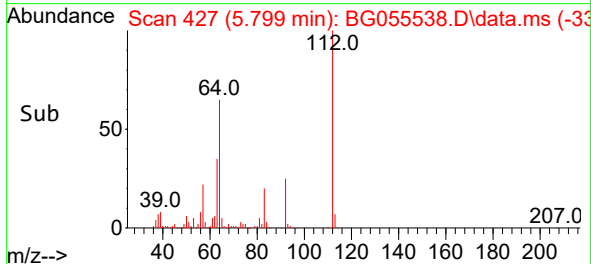
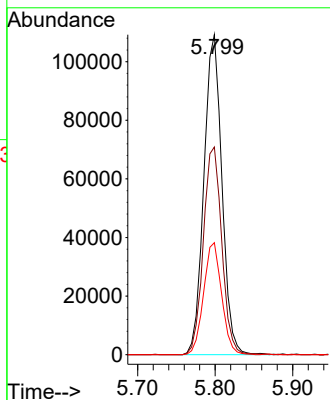
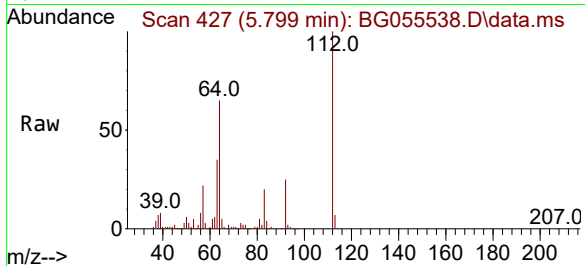




#5
2-Fluorophenol
Concen: 62.721 ng
RT: 5.799 min Scan# 41
Delta R.T. 0.008 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

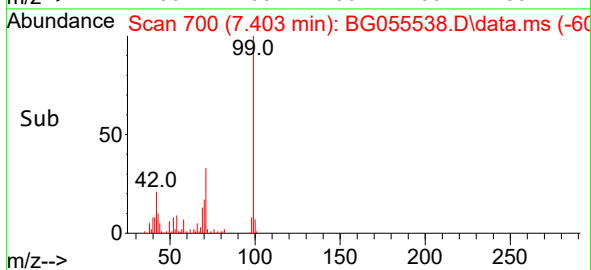
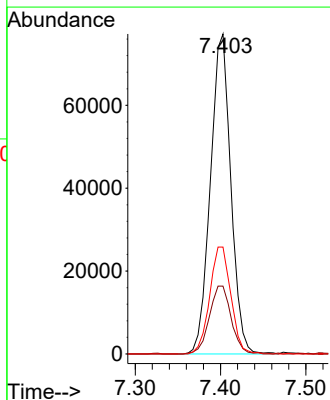
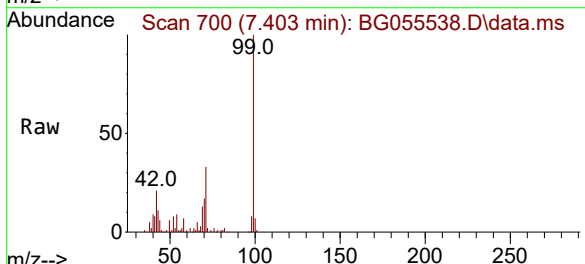
Instrument :
BNA_G
ClientSampleId :
EB-20221028

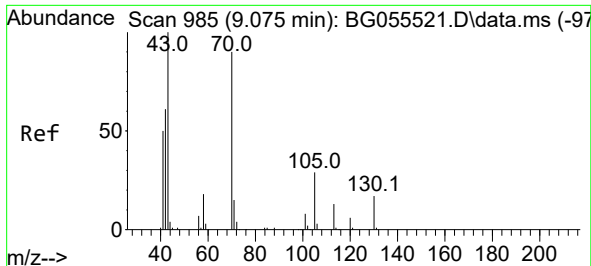
Tgt Ion:112 Resp: 176433
Ion Ratio Lower Upper
112 100
64 64.9 52.6 78.8
63 35.0 28.3 42.5



#7
Phenol-d6
Concen: 33.025 ng
RT: 7.403 min Scan# 700
Delta R.T. 0.002 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

Tgt Ion: 99 Resp: 128326
Ion Ratio Lower Upper
99 100
42 21.2 17.5 26.3
71 33.4 28.3 42.5

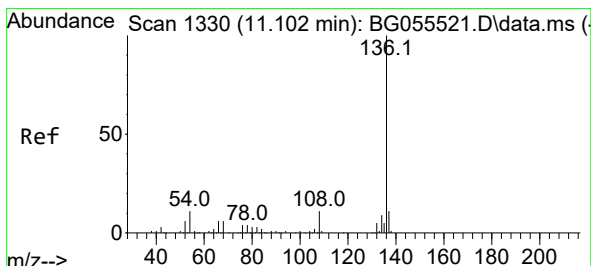
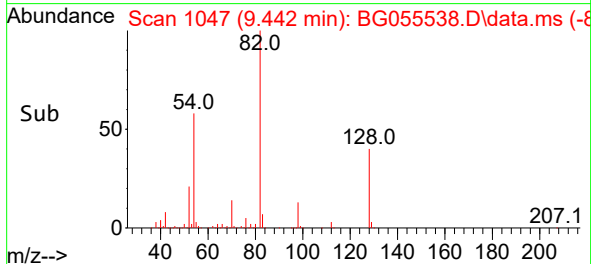
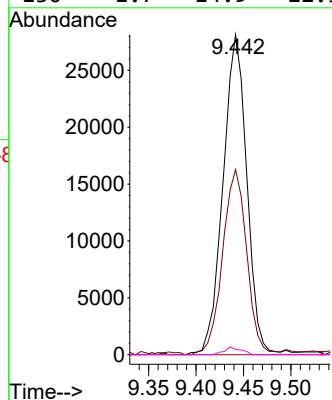
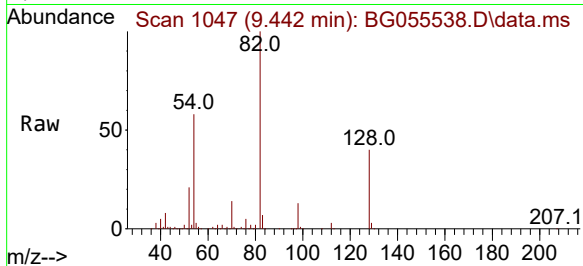




#19
n-Nitroso-di-n-propylamine
Concen: 15.290 ng
RT: 9.442 min Scan# 1047
Delta R.T. 0.367 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

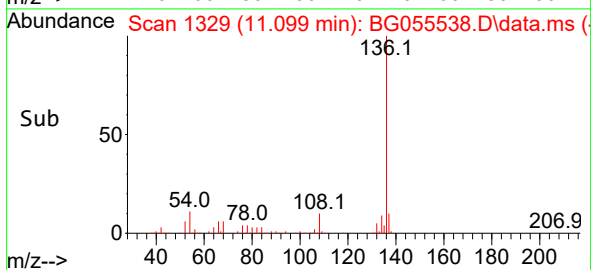
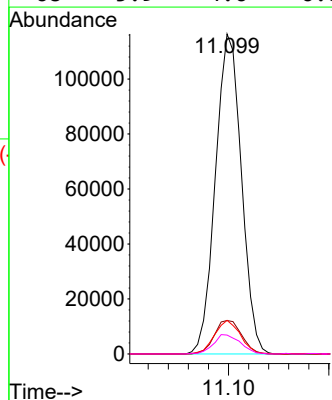
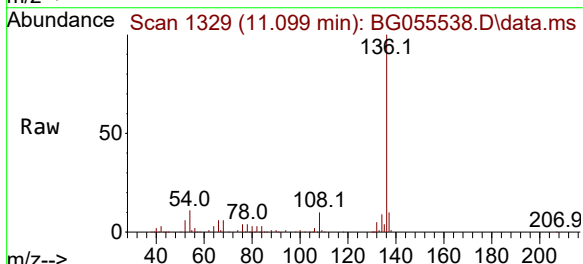
Instrument :
BNA_G
ClientSampleId :
EB-20221028

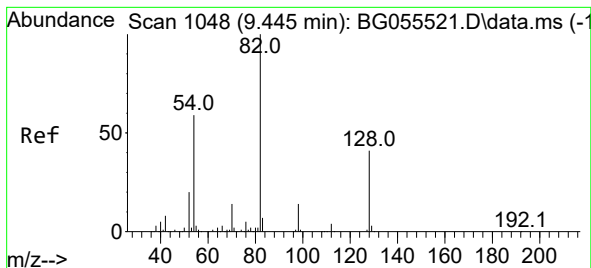
Tgt Ion:	70	Resp:	49100
Ion	Ratio	Lower	Upper
70	100		
42	57.9	54.8	82.2
101	0.0	6.8	10.2#
130	1.7	14.9	22.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.099 min Scan# 1329
Delta R.T. -0.003 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

Tgt Ion:	136	Resp:	208832
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	12.8
54	10.5	8.6	12.8
68	5.9	4.6	6.8





#23

Nitrobenzene-d5

Concen: 117.194 ng

RT: 9.442 min Scan# 1047

Delta R.T. -0.003 min

Lab File: BG055538.D

Acq: 10 Nov 2022 13:48

Instrument :

BNA_G

ClientSampleId :

EB-20221028

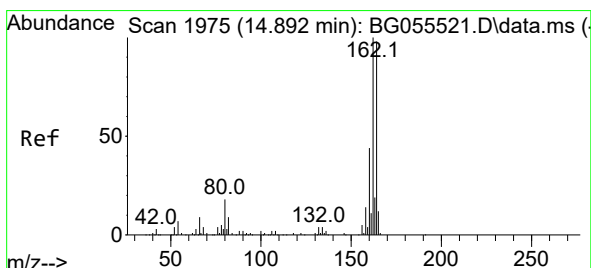
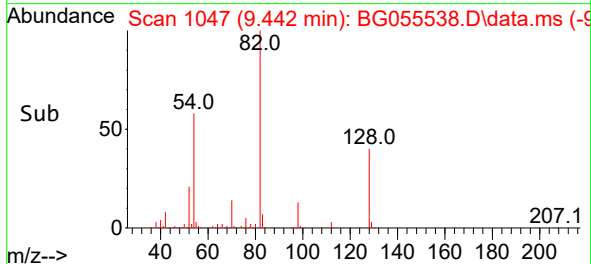
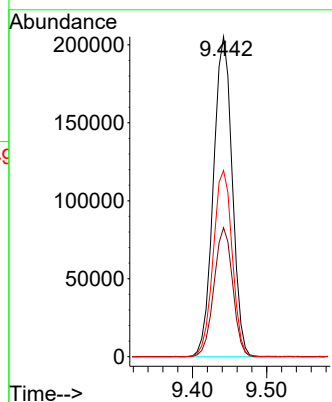
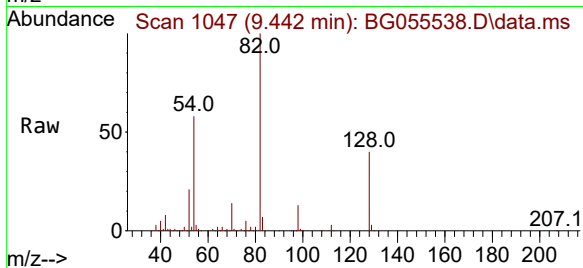
Tgt Ion: 82 Resp: 361014

Ion Ratio Lower Upper

82 100

128 40.3 32.6 49.0

54 58.2 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.888 min Scan# 1974

Delta R.T. -0.004 min

Lab File: BG055538.D

Acq: 10 Nov 2022 13:48

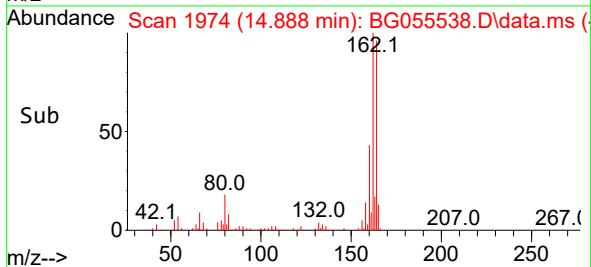
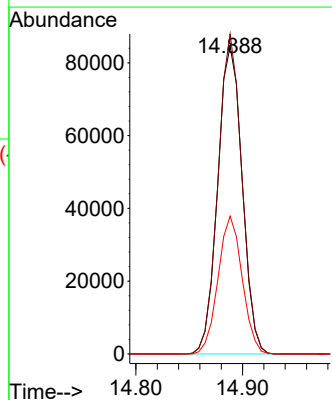
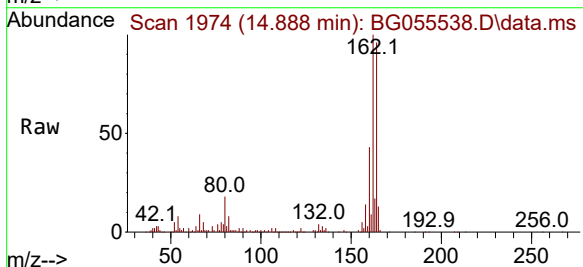
Tgt Ion:164 Resp: 134575

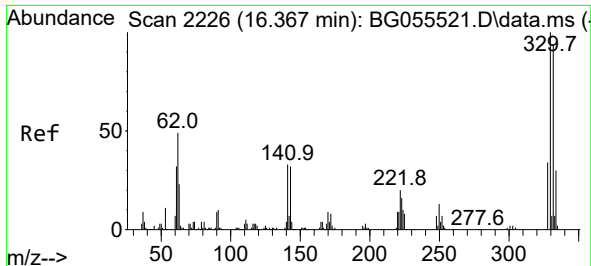
Ion Ratio Lower Upper

164 100

162 104.0 81.3 121.9

160 44.8 35.9 53.9

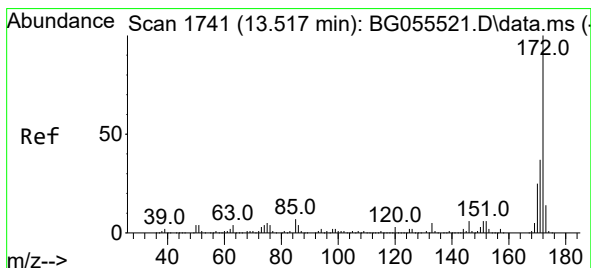
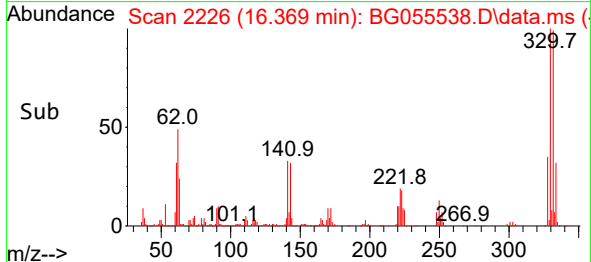
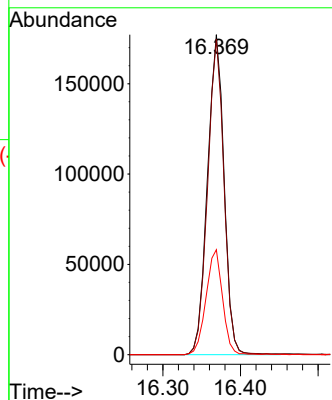
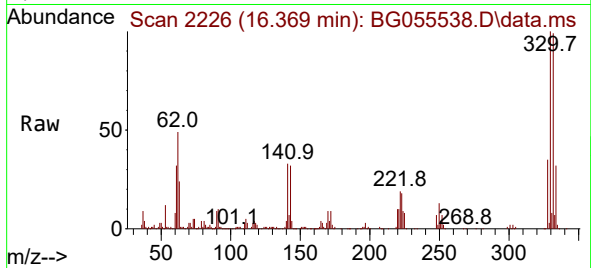




#42
2,4,6-Tribromophenol
Concen: 201.091 ng
RT: 16.369 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

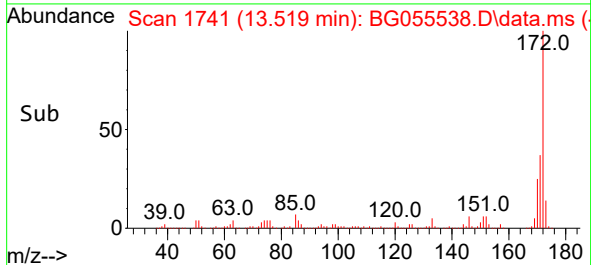
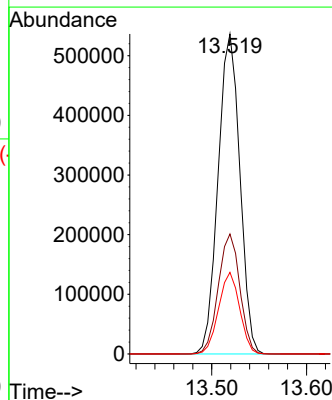
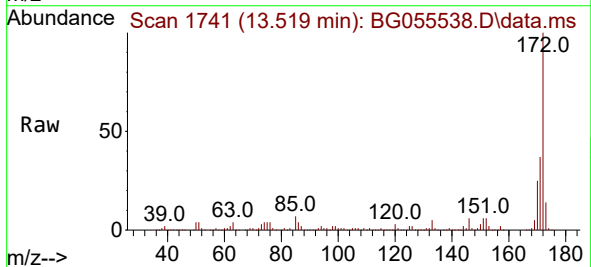
Instrument :
BNA_G
ClientSampleId :
EB-20221028

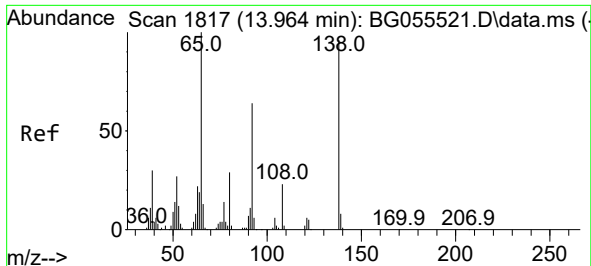
Tgt Ion:330 Resp: 264044
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.2
141 32.6 25.4 38.2



#45
2-Fluorobiphenyl
Concen: 96.035 ng
RT: 13.519 min Scan# 1741
Delta R.T. 0.002 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

Tgt Ion:172 Resp: 856802
Ion Ratio Lower Upper
172 100
171 37.5 29.7 44.5
170 25.5 19.8 29.6

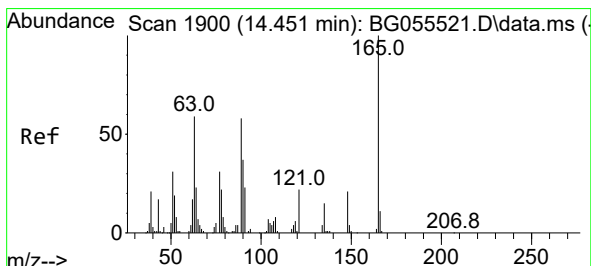
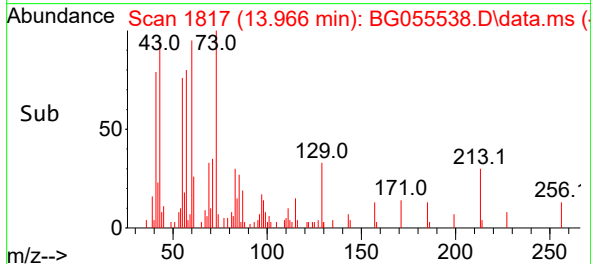
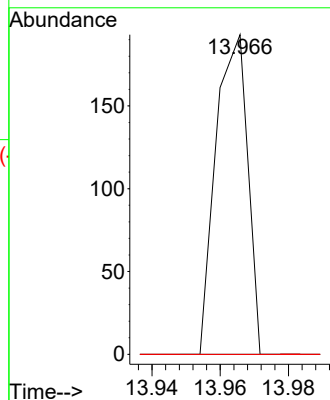
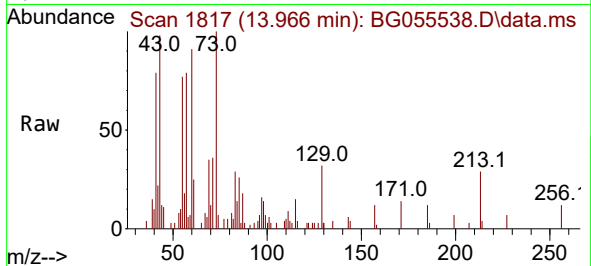




#48
2-Nitroaniline
Concen: 3.846 ng
RT: 13.966 min Scan# 11
Delta R.T. 0.002 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

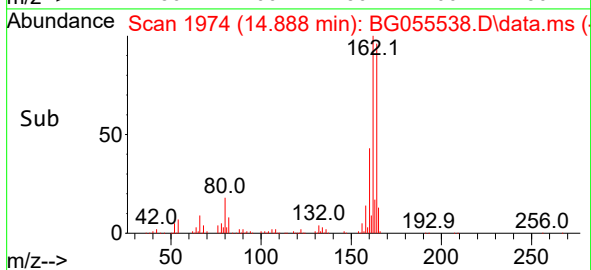
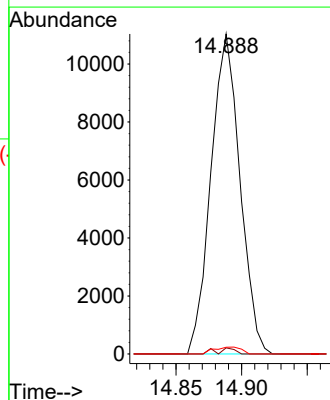
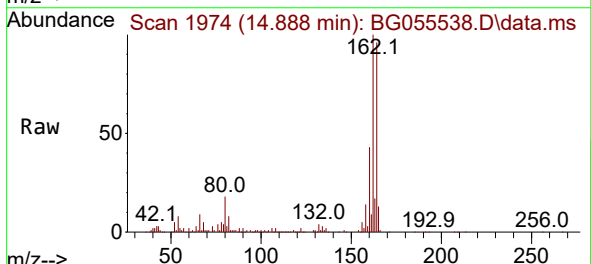
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ClientSampleId :
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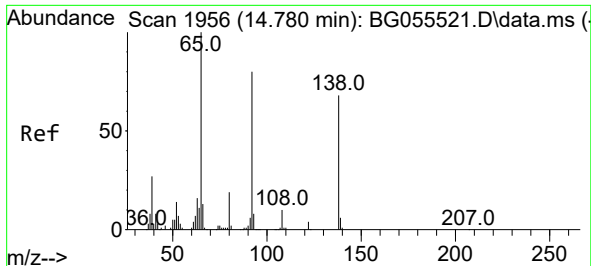
Tgt Ion: 65 Resp: 125
Ion Ratio Lower Upper
65 100
92 0.0 51.6 77.4#
138 0.0 77.0 115.4#



#51
2,6-Dinitrotoluene
Concen: 11.963 ng
RT: 14.888 min Scan# 1974
Delta R.T. 0.437 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

Tgt Ion:165 Resp: 16952
Ion Ratio Lower Upper
165 100
63 1.9 50.1 75.1#
89 2.1 46.5 69.7#

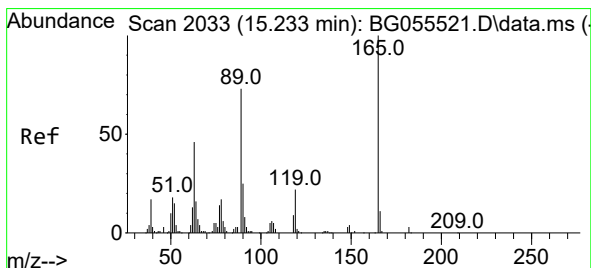
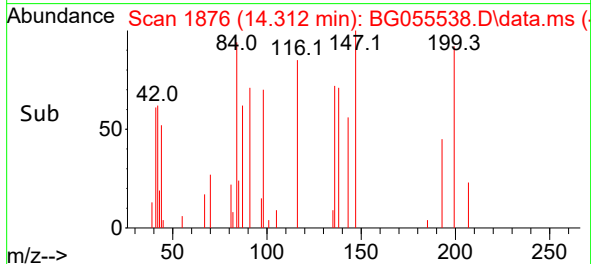
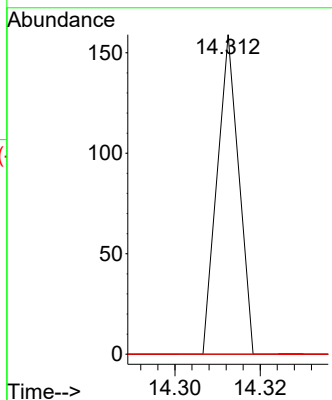
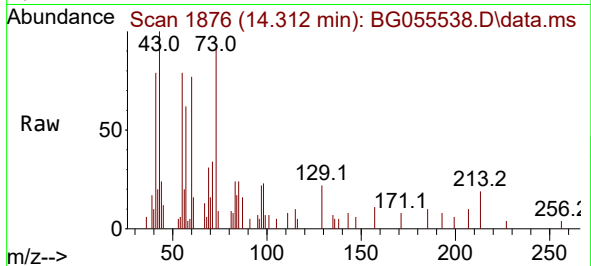




#53
3-Nitroaniline
Concen: 3.803 ng
RT: 14.312 min Scan# 11
Delta R.T. -0.468 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

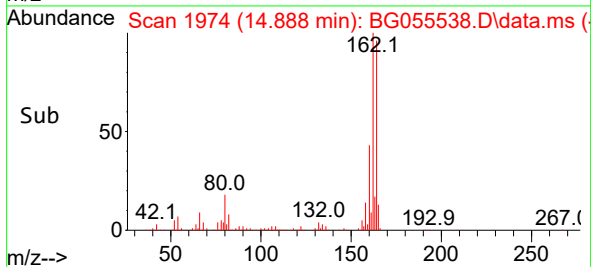
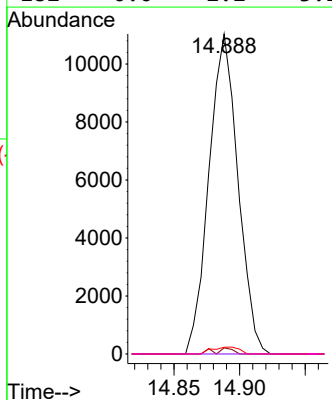
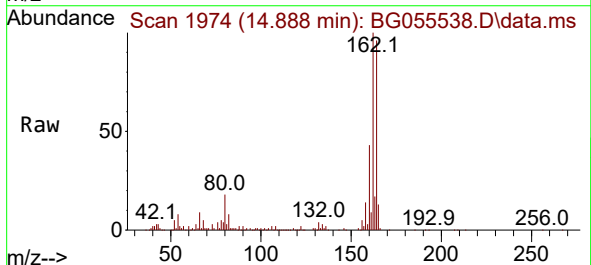
Instrument :
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ClientSampleId :
EB-20221028

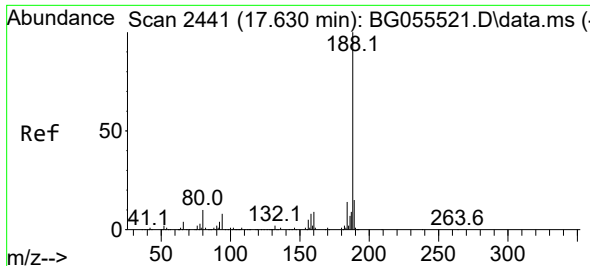
Tgt Ion:138 Resp: 56
Ion Ratio Lower Upper
138 100
108 0.0 11.7 17.5#
92 0.0 94.3 141.5#



#57
2,4-Dinitrotoluene
Concen: 10.223 ng
RT: 14.888 min Scan# 1974
Delta R.T. -0.345 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

Tgt Ion:165 Resp: 16952
Ion Ratio Lower Upper
165 100
63 1.9 37.0 55.4#
89 2.1 58.6 87.8#
182 0.0 2.2 3.2#

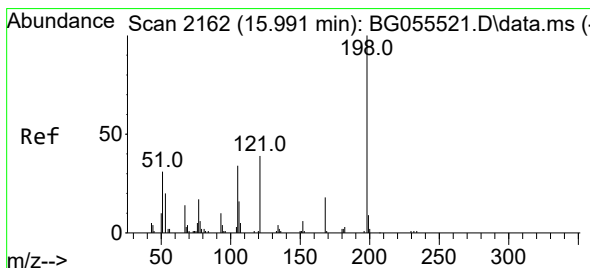
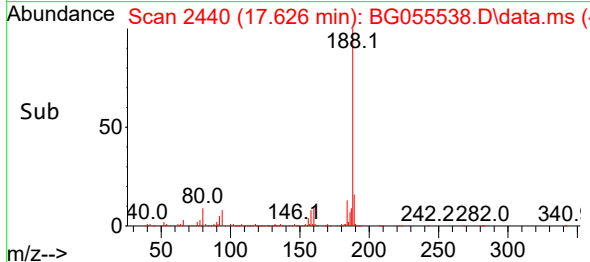
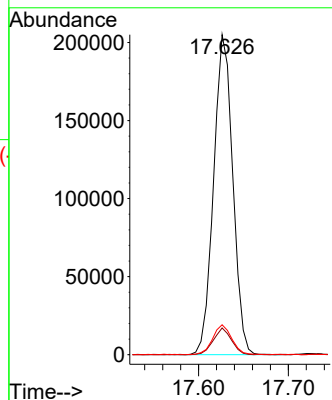
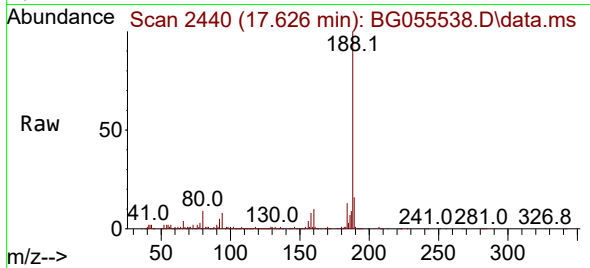




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.626 min Scan# 2441
Delta R.T. -0.004 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

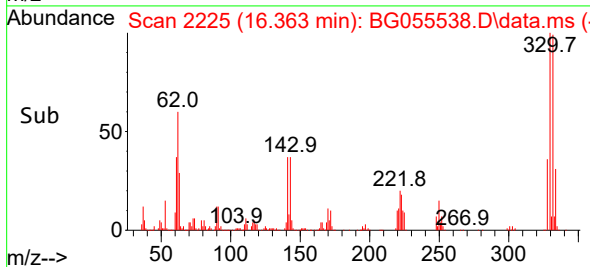
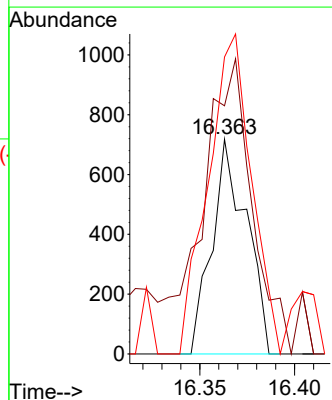
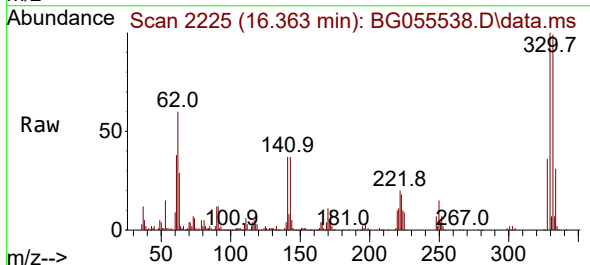
Instrument :
BNA_G
ClientSampleId :
EB-20221028

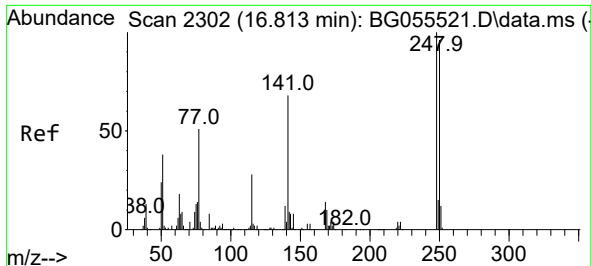
Tgt Ion:188 Resp: 303710
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.3 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 3.139 ng
RT: 16.363 min Scan# 2225
Delta R.T. 0.372 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

Tgt Ion:198 Resp: 910
Ion Ratio Lower Upper
198 100
51 115.6 24.7 64.7#
105 138.3 17.6 57.6#

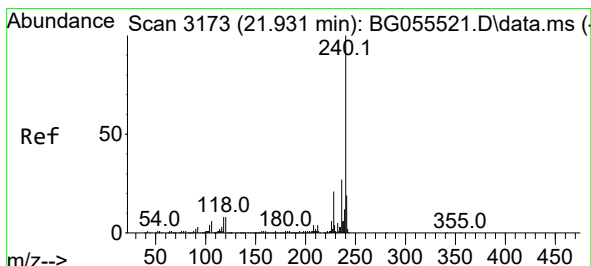
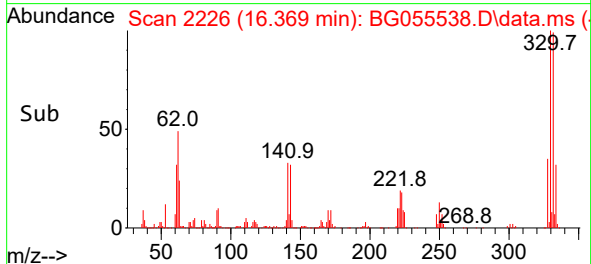
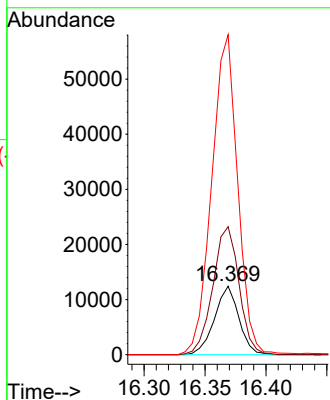
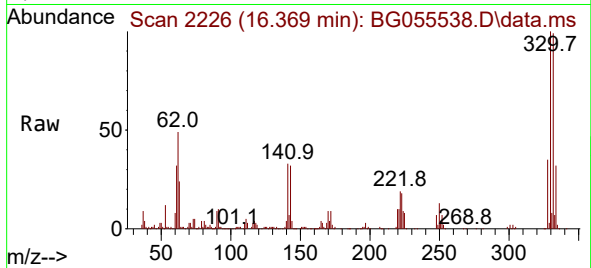




#67
4-Bromophenyl-phenylether
Concen: 5.572 ng
RT: 16.369 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

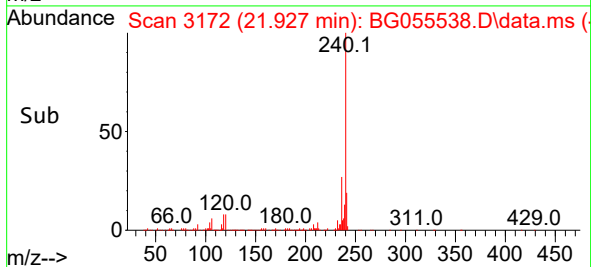
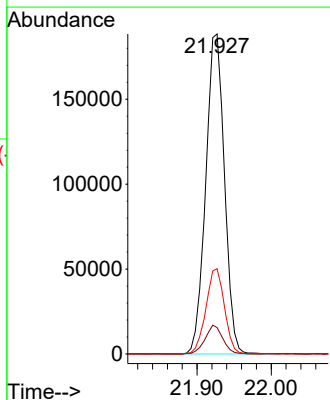
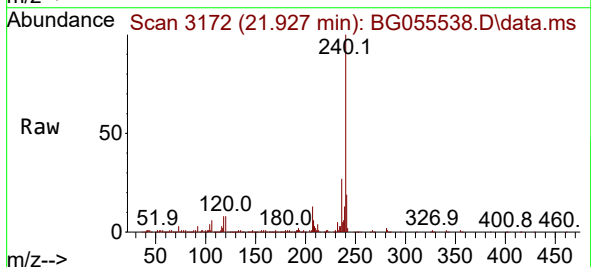
Instrument :
BNA_G
ClientSampleId :
EB-20221028

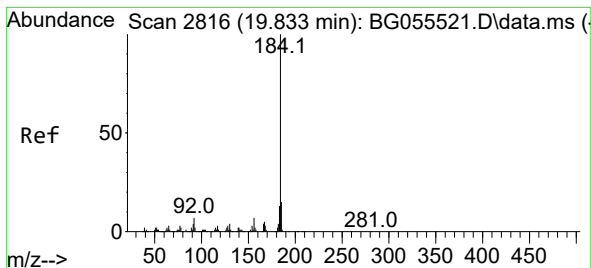
Tgt Ion:248 Resp: 17264
Ion Ratio Lower Upper
248 100
250 187.0 76.9 115.3#
141 467.6 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.927 min Scan# 3172
Delta R.T. -0.004 min
Lab File: BG055538.D
Acq: 10 Nov 2022 13:48

Tgt Ion:240 Resp: 330441
Ion Ratio Lower Upper
240 100
120 8.2 6.1 9.1
236 26.7 21.4 32.0





#77

Benzidine

Concen: 2.806 ng

RT: 20.217 min Scan# 21

Delta R.T. 0.384 min

Lab File: BG055538.D

Acq: 10 Nov 2022 13:48

Instrument :

BNA_G

ClientSampleId :

EB-20221028

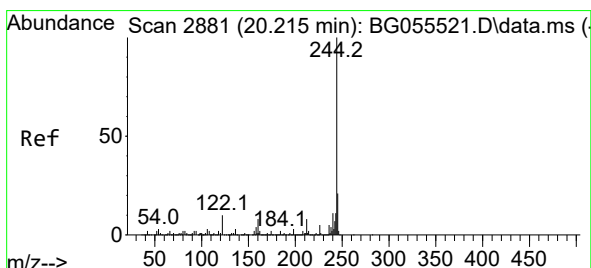
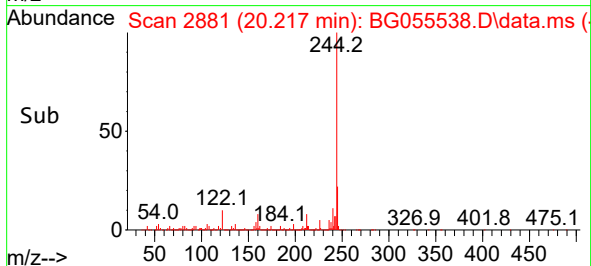
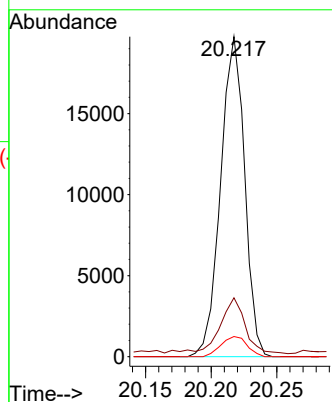
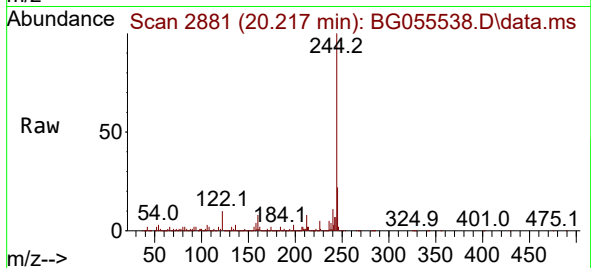
Tgt Ion:184 Resp: 25081

Ion Ratio Lower Upper

184 100

185 18.4 12.0 18.0#

183 6.3 10.2 15.2#



#79

Terphenyl-d14

Concen: 88.414 ng

RT: 20.217 min Scan# 2881

Delta R.T. 0.002 min

Lab File: BG055538.D

Acq: 10 Nov 2022 13:48

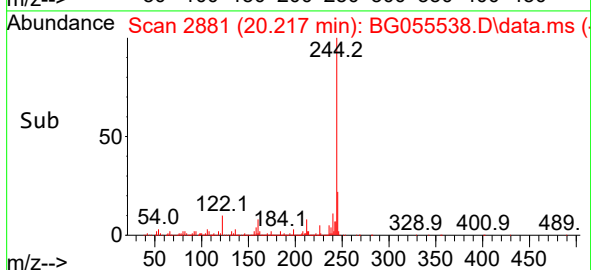
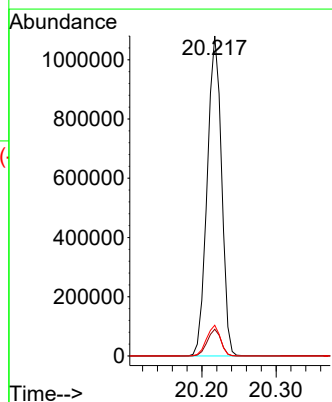
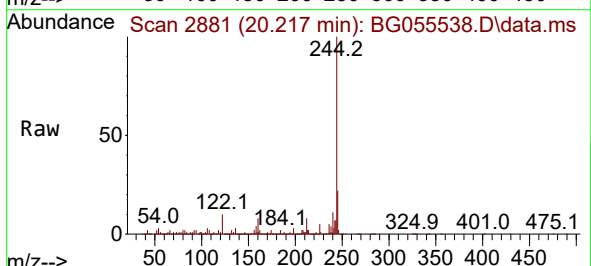
Tgt Ion:244 Resp: 1454563

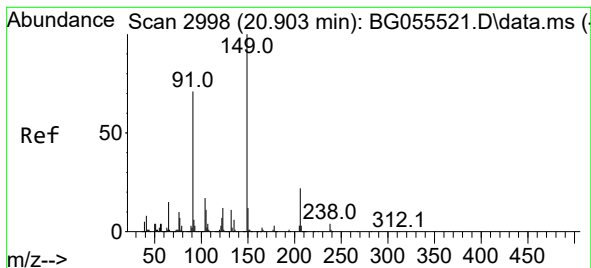
Ion Ratio Lower Upper

244 100

212 8.4 6.5 9.7

122 9.6 7.7 11.5





#80

Butylbenzylphthalate

Concen: 3.385 ng

RT: 20.893 min Scan# 2996

Delta R.T. -0.010 min

Lab File: BG055538.D

Acq: 10 Nov 2022 13:48

Instrument :

BNA_G

ClientSampleId :

EB-20221028

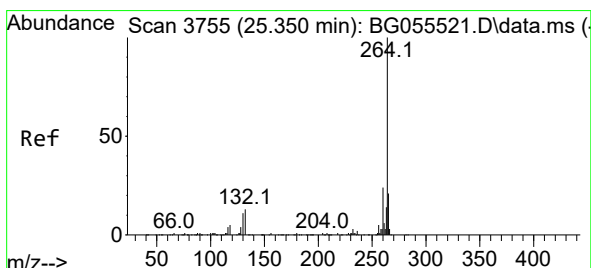
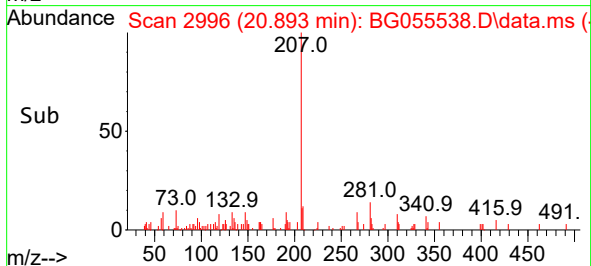
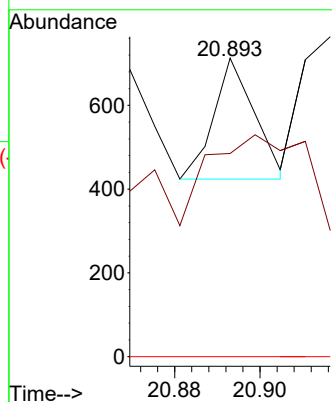
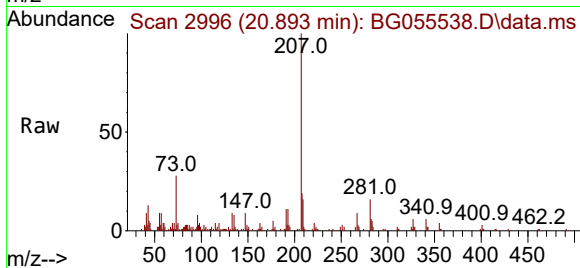
Tgt Ion:149 Resp: 192

Ion Ratio Lower Upper

149 100

91 68.0 56.8 85.2

206 0.0 17.3 25.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.347 min Scan# 3754

Delta R.T. -0.003 min

Lab File: BG055538.D

Acq: 10 Nov 2022 13:48

Tgt Ion:264 Resp: 330776

Ion Ratio Lower Upper

264 100

260 24.4 19.4 29.2

265 20.4 17.1 25.7

