

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055618.D
 Acq On : 15 Nov 2022 11:16
 Operator : CG/JU
 Sample : PB148898BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB148898BL

Quant Time: Nov 16 01:38:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 01:36:26 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

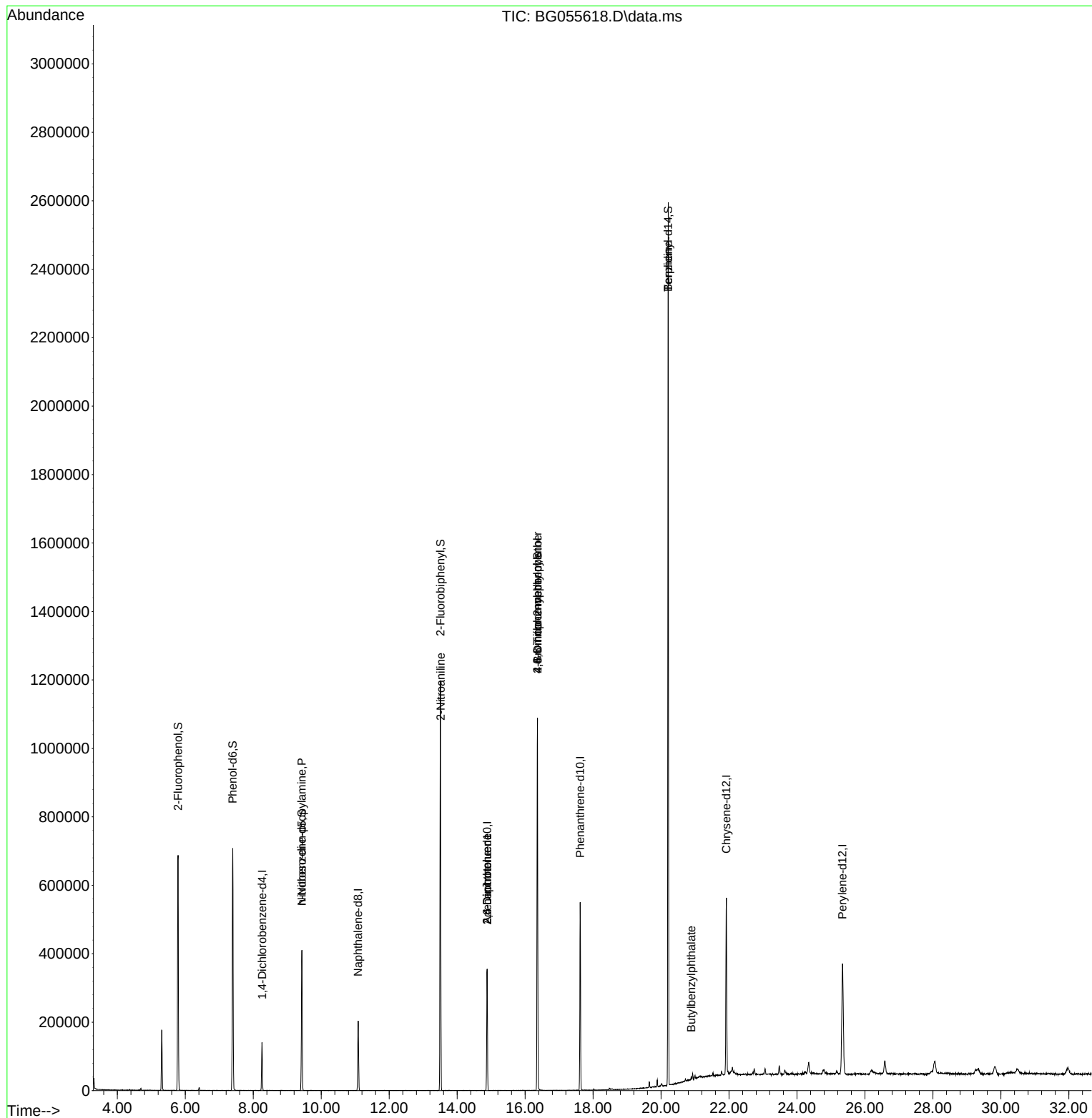
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.261	152	39736	20.000	ng	0.00
21) Naphthalene-d8	11.087	136	172970	20.000	ng	0.00
39) Acenaphthene-d10	14.882	164	133069	20.000	ng	0.00
64) Phenanthrene-d10	17.620	188	347939	20.000	ng	0.00
76) Chrysene-d12	21.921	240	339101	20.000	ng	0.00
86) Perylene-d12	25.341	264	354098	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.787	112	295713	141.749	ng	0.00
7) Phenol-d6	7.397	99	384802	133.533	ng	0.00
23) Nitrobenzene-d5	9.430	82	237229	92.977	ng	0.00
42) 2,4,6-Tribromophenol	16.363	330	230981	177.902	ng	0.00
45) 2-Fluorobiphenyl	13.508	172	628407	71.233	ng	0.00
79) Terphenyl-d14	20.211	244	1285845	76.163	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.430	70	33030	13.869	ng	# 77
48) 2-Nitroaniline	13.513	65	1107	4.313	ng	# 19
51) 2,6-Dinitrotoluene	14.882	165	17466	12.333	ng	# 22
57) 2,4-Dinitrotoluene	14.882	165	17466	10.501	ng	# 23
65) 4,6-Dinitro-2-methylph...	16.363	198	691	2.718	ng	# 1
67) 4-Bromophenyl-phenylether	16.363	248	15100	4.254	ng	# 1
77) Benzidine	20.211	184	20100	2.191	ng	# 92
80) Butylbenzylphthalate	20.887	149	2476	3.628	ng	# 94

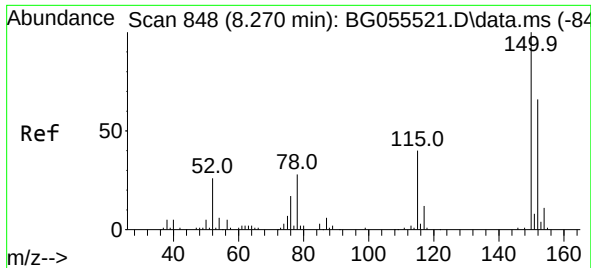
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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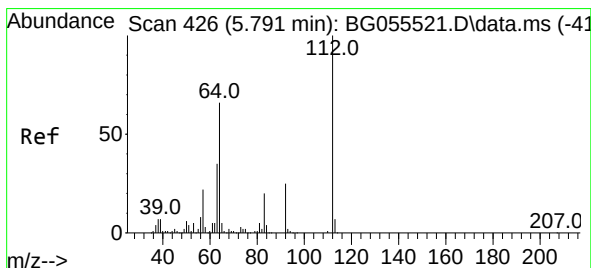
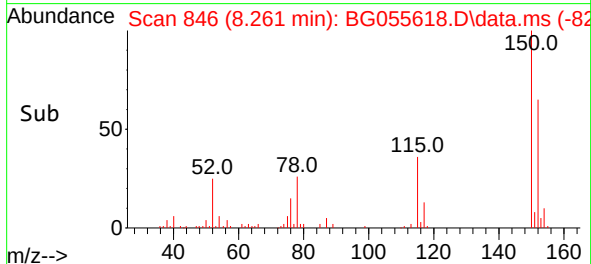
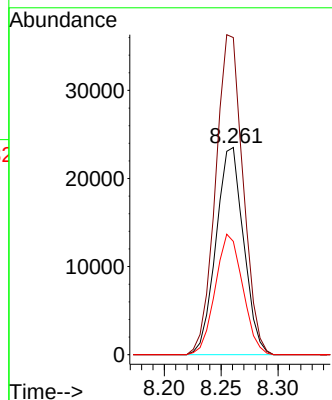
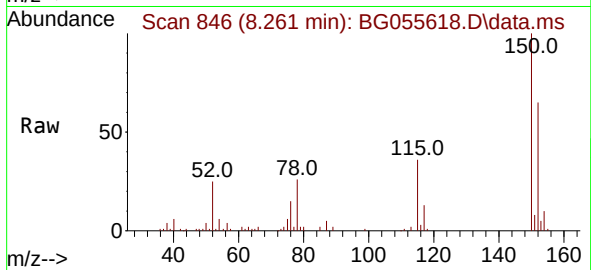




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.261 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BG055618.D
 Acq: 15 Nov 2022 11:16

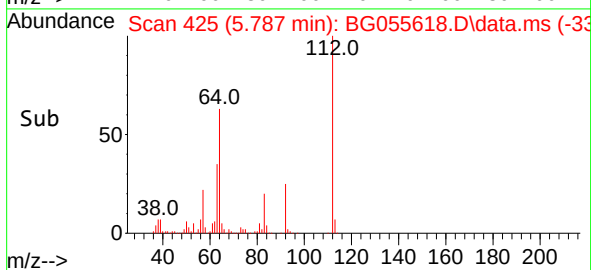
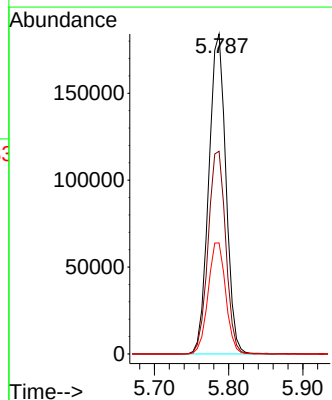
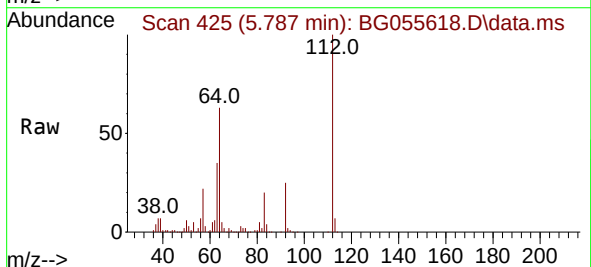
Instrument :
 BNA_G
 ClientSampleId :
 PB148898BL

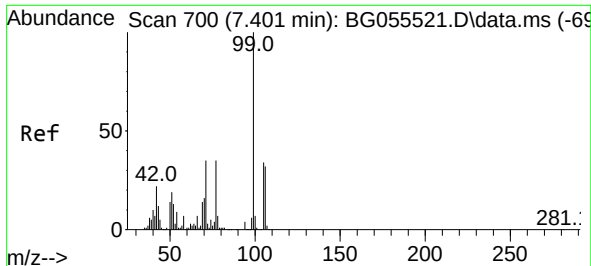
Tgt Ion:152 Resp: 39736
 Ion Ratio Lower Upper
 152 100
 150 153.0 121.0 181.4
 115 54.6 47.8 71.8



#5
 2-Fluorophenol
 Concen: 141.749 ng
 RT: 5.787 min Scan# 425
 Delta R.T. 0.006 min
 Lab File: BG055618.D
 Acq: 15 Nov 2022 11:16

Tgt Ion:112 Resp: 295713
 Ion Ratio Lower Upper
 112 100
 64 63.3 52.6 78.8
 63 34.7 28.3 42.5

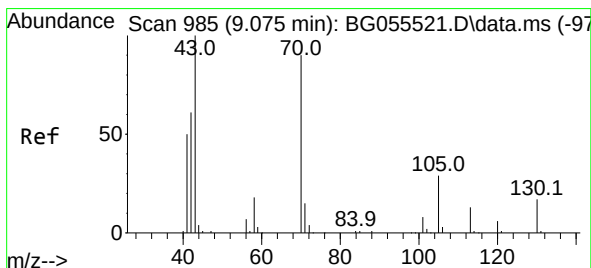
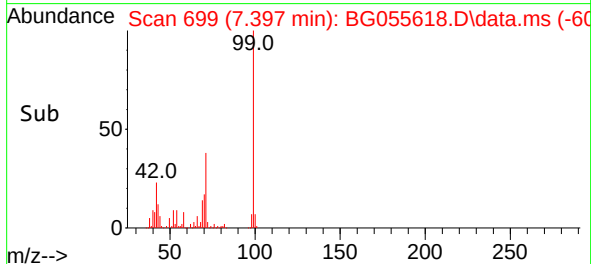
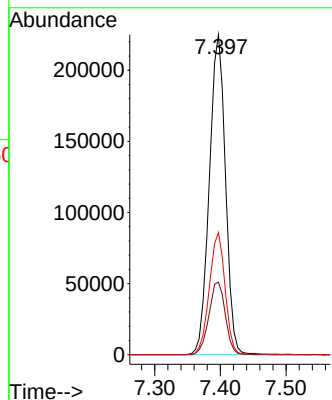
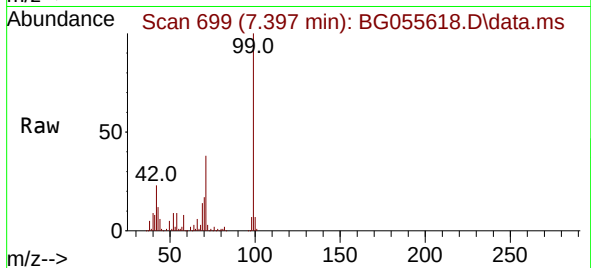




#7
Phenol-d6
Concen: 133.533 ng
RT: 7.397 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG055618.D
Acq: 15 Nov 2022 11:16

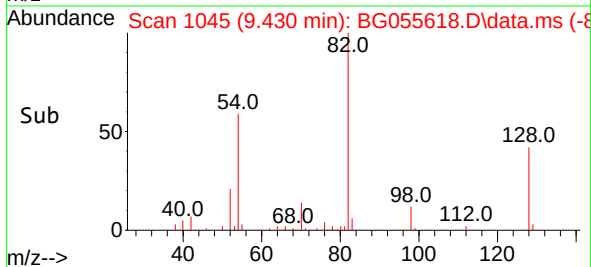
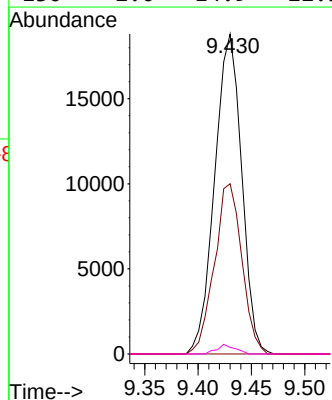
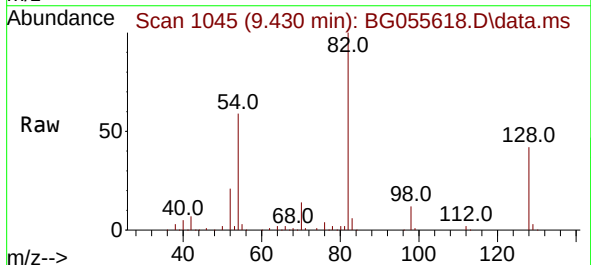
Instrument :
BNA_G
ClientSampleId :
PB148898BL

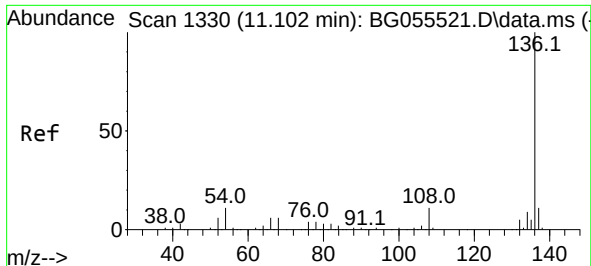
Tgt Ion: 99 Resp: 384802
Ion Ratio Lower Upper
99 100
42 22.7 17.5 26.3
71 38.2 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 13.869 ng
RT: 9.430 min Scan# 1045
Delta R.T. 0.364 min
Lab File: BG055618.D
Acq: 15 Nov 2022 11:16

Tgt Ion: 70 Resp: 33030
Ion Ratio Lower Upper
70 100
42 53.2 54.8 82.2#
101 0.0 6.8 10.2#
130 2.0 14.9 22.3#

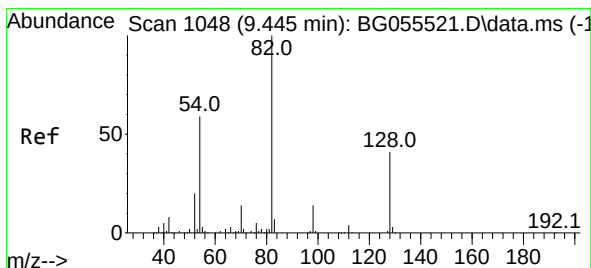
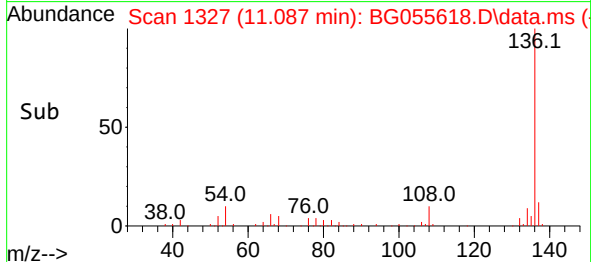
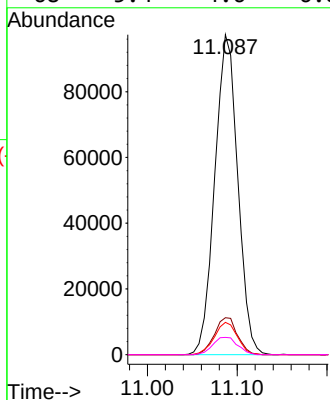
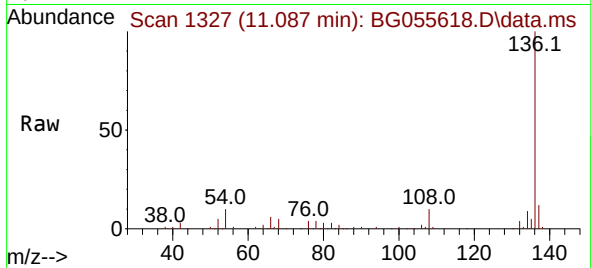




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055618.D
Acq: 15 Nov 2022 11:16

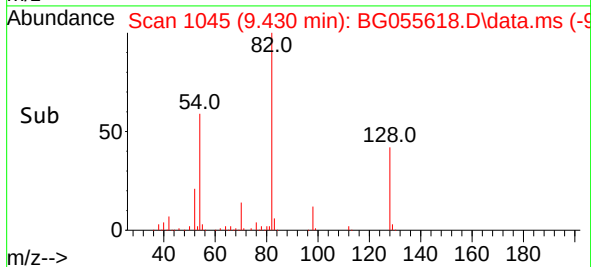
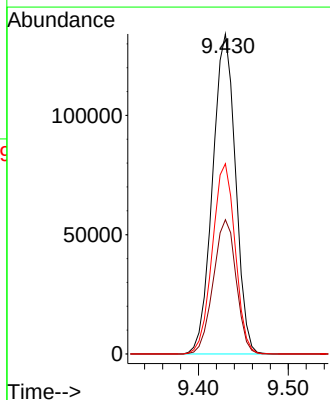
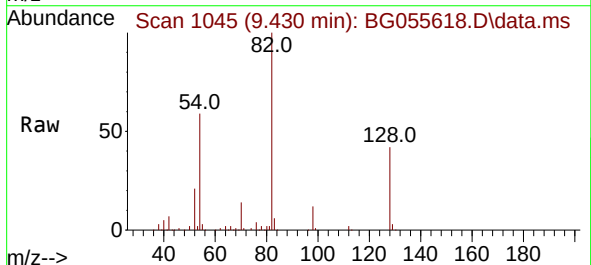
Instrument :
BNA_G
ClientSampleId :
PB148898BL

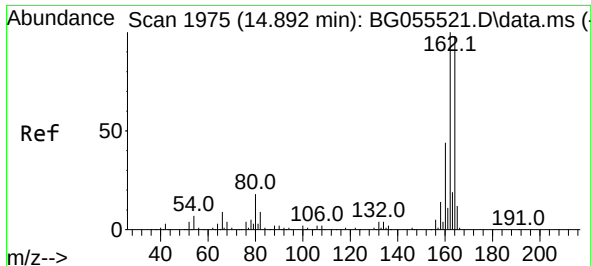
Tgt Ion:	136	Resp:	172970
Ion	Ratio	Lower	Upper
136	100		
137	11.6	8.6	12.8
54	10.1	8.6	12.8
68	5.4	4.6	6.8



#23
Nitrobenzene-d5
Concen: 92.977 ng
RT: 9.430 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BG055618.D
Acq: 15 Nov 2022 11:16

Tgt Ion:	82	Resp:	237229
Ion	Ratio	Lower	Upper
82	100		
128	42.0	32.6	49.0
54	59.4	47.3	70.9

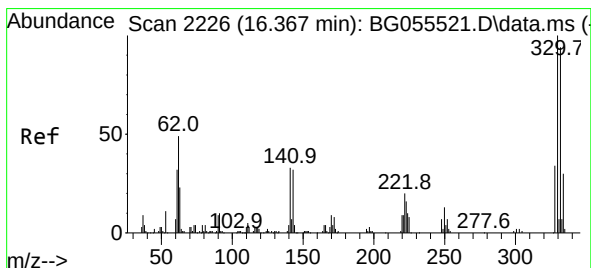
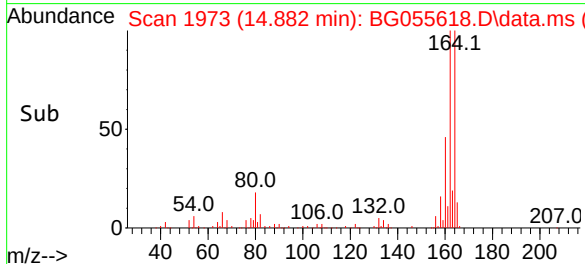
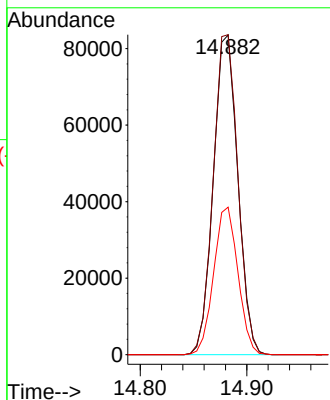
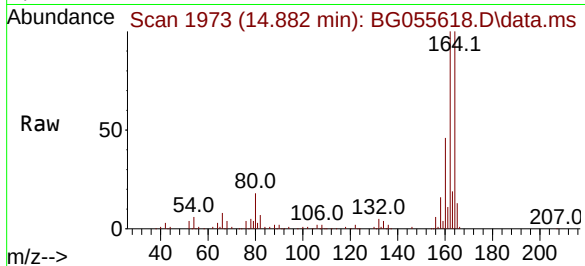




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.882 min Scan# 1975
Delta R.T. 0.000 min
Lab File: BG055618.D
Acq: 15 Nov 2022 11:16

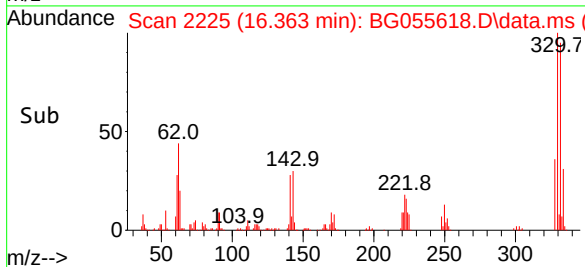
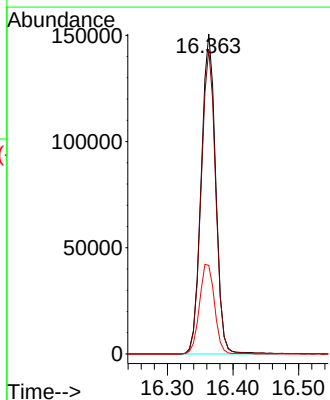
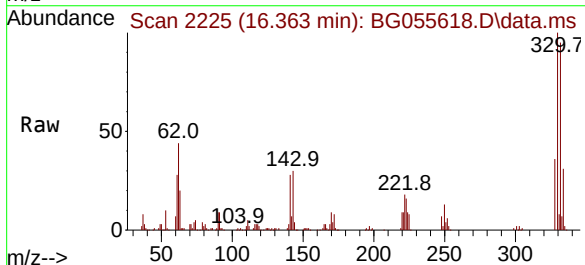
Instrument :
BNA_G
ClientSampleId :
PB148898BL

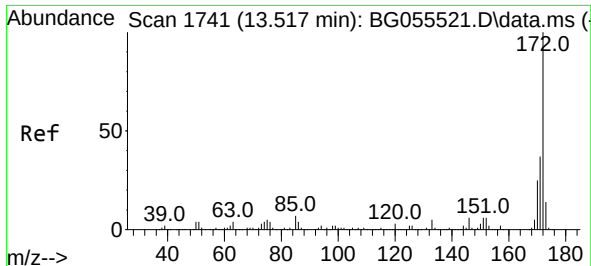
Tgt Ion:164 Resp: 133069
Ion Ratio Lower Upper
164 100
162 100.1 81.3 121.9
160 46.1 35.9 53.9



#42
2,4,6-Tribromophenol
Concen: 177.902 ng
RT: 16.363 min Scan# 2225
Delta R.T. 0.000 min
Lab File: BG055618.D
Acq: 15 Nov 2022 11:16

Tgt Ion:330 Resp: 230981
Ion Ratio Lower Upper
330 100
332 95.4 77.4 116.2
141 29.3 25.4 38.2

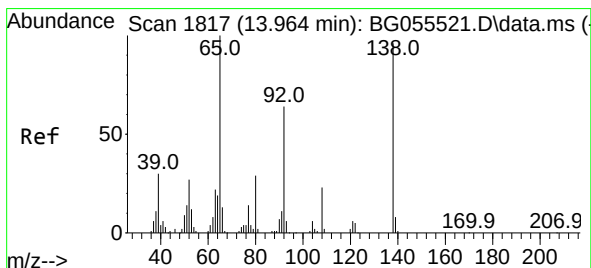
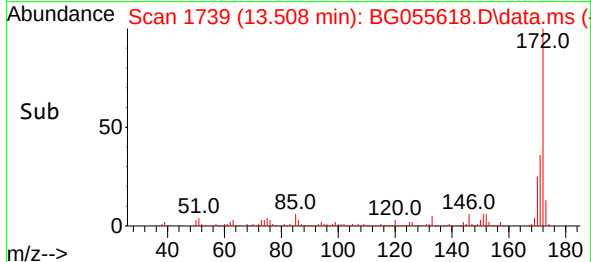
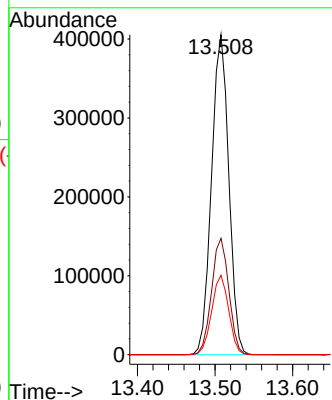
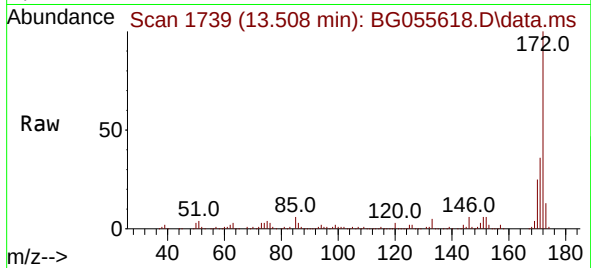




#45
2-Fluorobiphenyl
Concen: 71.233 ng
RT: 13.508 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BG055618.D
Acq: 15 Nov 2022 11:16

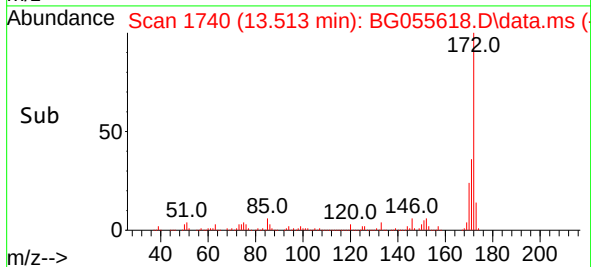
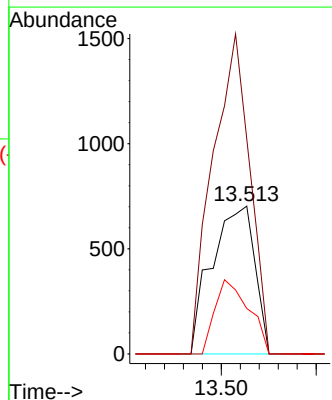
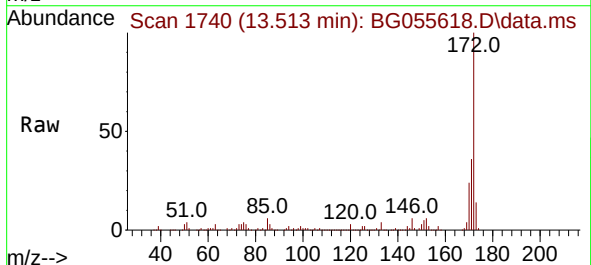
Instrument :
BNA_G
ClientSampleId :
PB148898BL

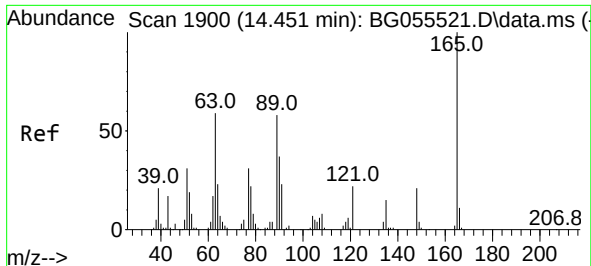
Tgt Ion:172 Resp: 628407
Ion Ratio Lower Upper
172 100
171 36.4 29.7 44.5
170 24.8 19.8 29.6



#48
2-Nitroaniline
Concen: 4.313 ng
RT: 13.513 min Scan# 1740
Delta R.T. -0.447 min
Lab File: BG055618.D
Acq: 15 Nov 2022 11:16

Tgt Ion: 65 Resp: 1107
Ion Ratio Lower Upper
65 100
92 145.5 51.6 77.4#
138 30.7 77.0 115.4#

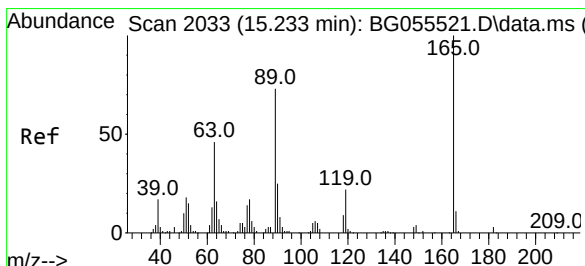
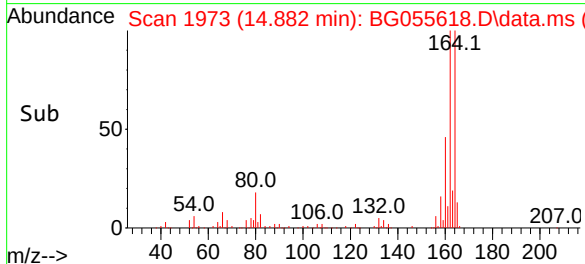
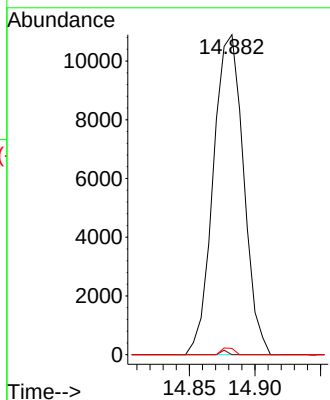
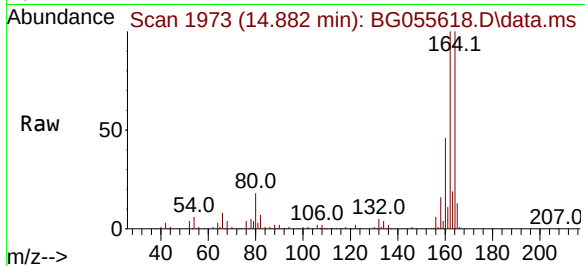




#51
2,6-Dinitrotoluene
Concen: 12.333 ng
RT: 14.882 min Scan# 1900
Delta R.T. 0.435 min
Lab File: BG055618.D
Acq: 15 Nov 2022 11:16

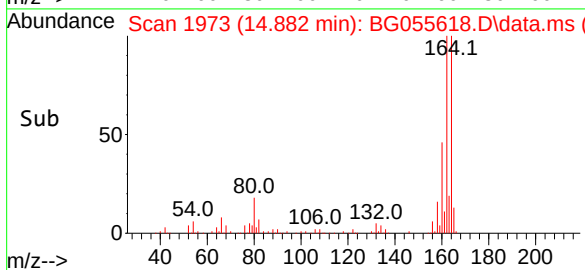
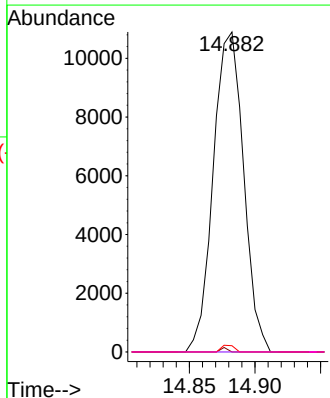
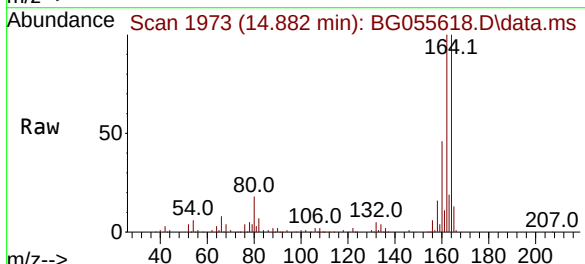
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ClientSampleId :
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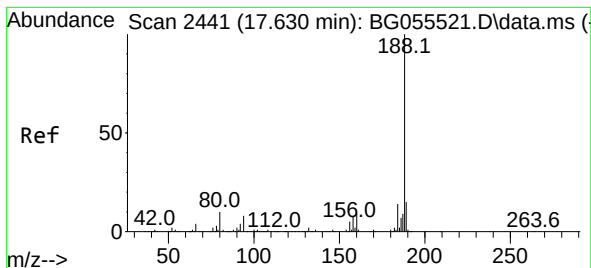
Tgt Ion:165 Resp: 17466
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 1.9 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.501 ng
RT: 14.882 min Scan# 1973
Delta R.T. -0.347 min
Lab File: BG055618.D
Acq: 15 Nov 2022 11:16

Tgt Ion:165 Resp: 17466
Ion Ratio Lower Upper
165 100
63 0.0 37.0 55.4#
89 1.9 58.6 87.8#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.620 min Scan# 2441

Delta R.T. 0.000 min

Lab File: BG055618.D

Acq: 15 Nov 2022 11:16

Instrument :

BNA_G

ClientSampleId :

PB148898BL

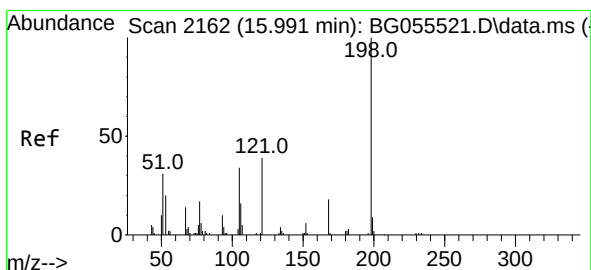
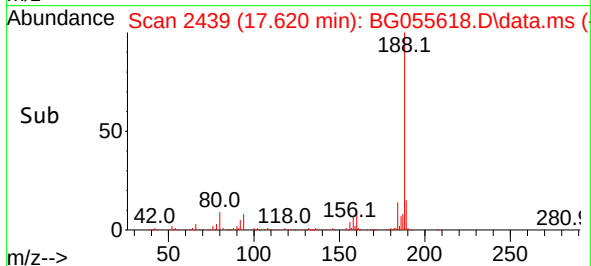
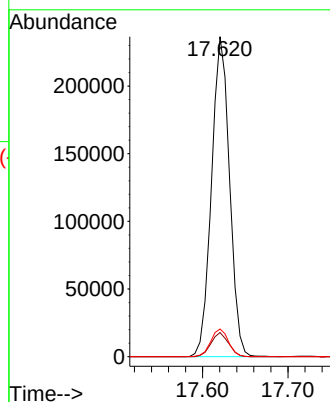
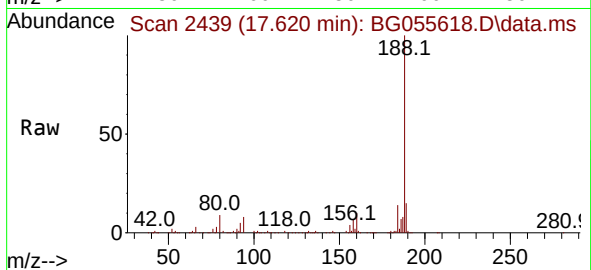
Tgt Ion:188 Resp: 347939

Ion Ratio Lower Upper

188 100

94 7.6 6.4 9.6

80 8.6 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 2.718 ng

RT: 16.363 min Scan# 2225

Delta R.T. 0.370 min

Lab File: BG055618.D

Acq: 15 Nov 2022 11:16

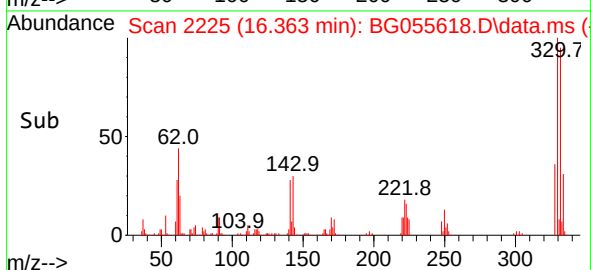
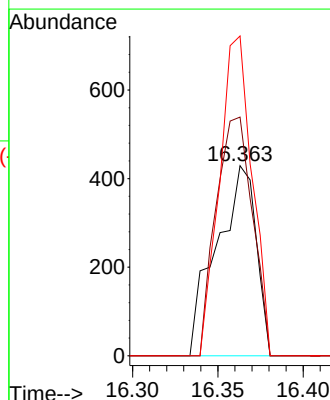
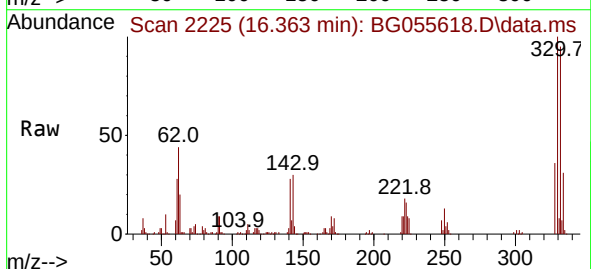
Tgt Ion:198 Resp: 691

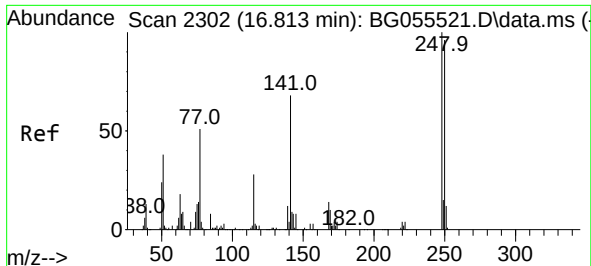
Ion Ratio Lower Upper

198 100

51 125.6 24.7 64.7#

105 168.3 17.6 57.6#

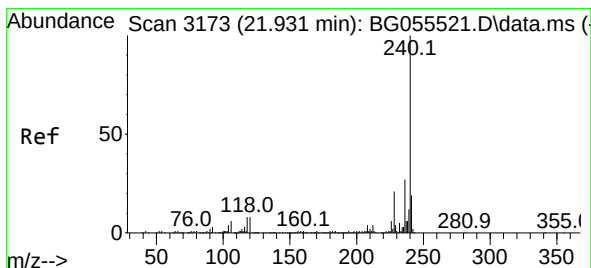
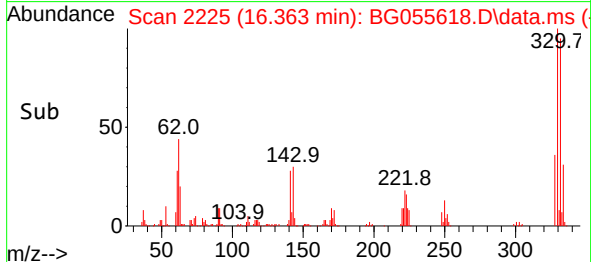
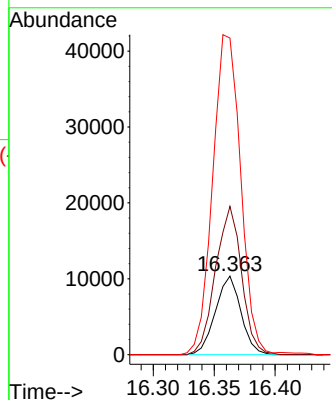
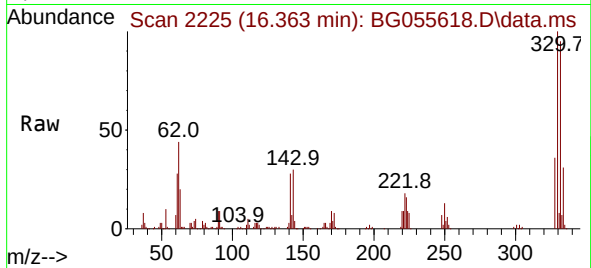




#67
4-Bromophenyl-phenylether
Concen: 4.254 ng
RT: 16.363 min Scan# 21
Delta R.T. -0.441 min
Lab File: BG055618.D
Acq: 15 Nov 2022 11:16

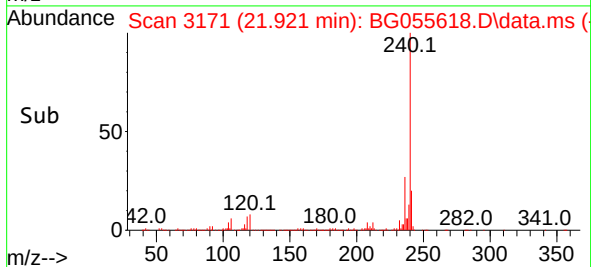
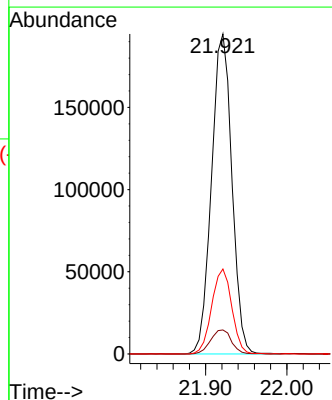
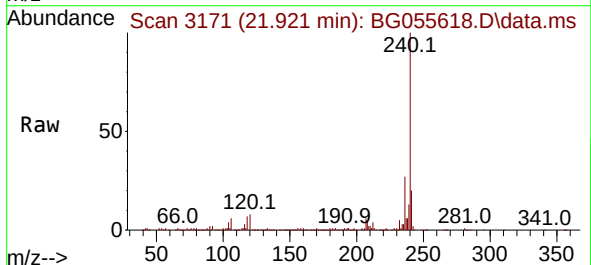
Instrument :
BNA_G
ClientSampleId :
PB148898BL

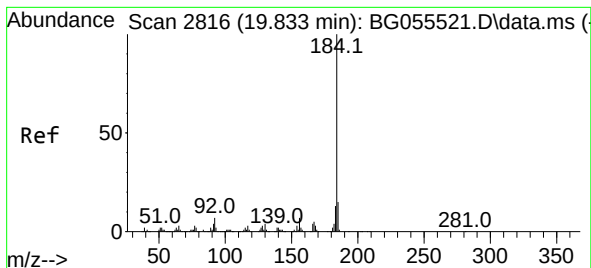
Tgt Ion:248 Resp: 15100
Ion Ratio Lower Upper
248 100
250 188.8 76.9 115.3#
141 402.9 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.921 min Scan# 3171
Delta R.T. 0.000 min
Lab File: BG055618.D
Acq: 15 Nov 2022 11:16

Tgt Ion:240 Resp: 339101
Ion Ratio Lower Upper
240 100
120 7.5 6.1 9.1
236 26.5 21.4 32.0





#77

Benzidine

Concen: 2.191 ng

RT: 20.211 min Scan# 2880

Delta R.T. 0.382 min

Lab File: BG055618.D

Acq: 15 Nov 2022 11:16

Instrument :

BNA_G

ClientSampleId :

PB148898BL

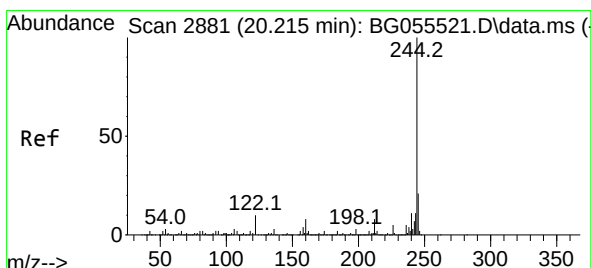
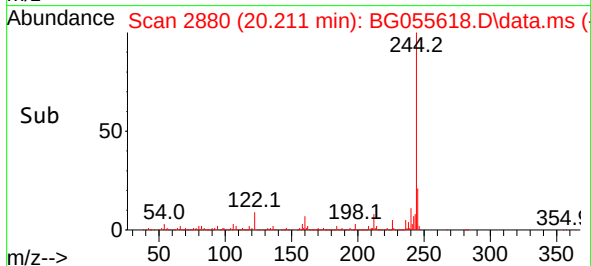
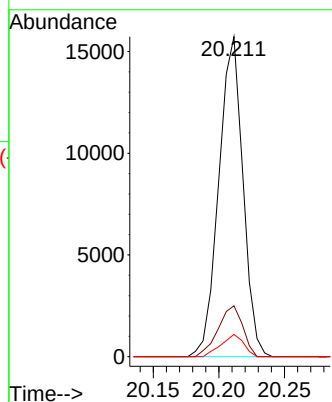
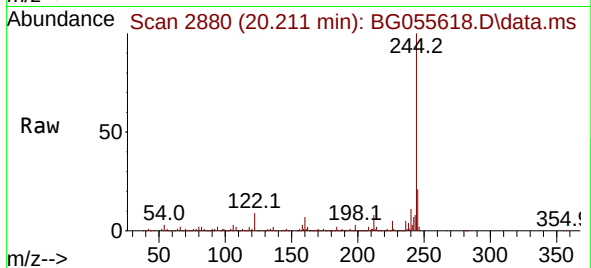
Tgt Ion:184 Resp: 20100

Ion Ratio Lower Upper

184 100

185 15.9 12.0 18.0

183 7.0 10.2 15.2#



#79

Terphenyl-d14

Concen: 76.163 ng

RT: 20.211 min Scan# 2880

Delta R.T. 0.000 min

Lab File: BG055618.D

Acq: 15 Nov 2022 11:16

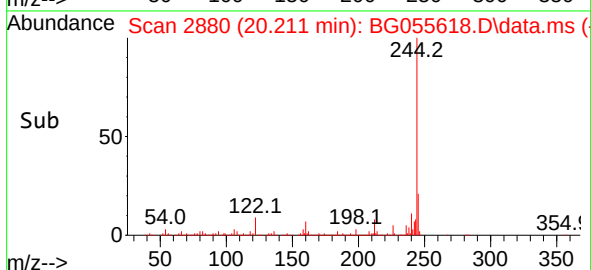
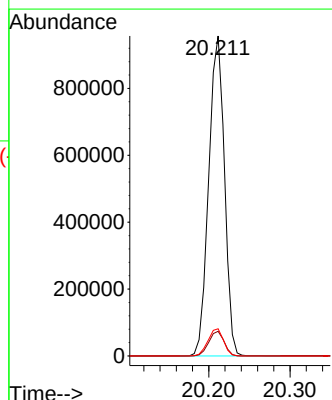
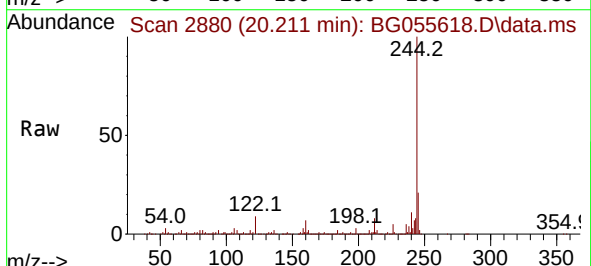
Tgt Ion:244 Resp: 1285845

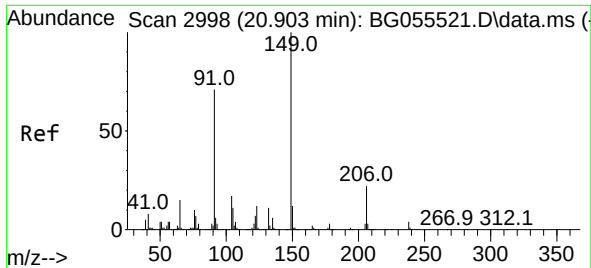
Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

122 8.5 7.7 11.5

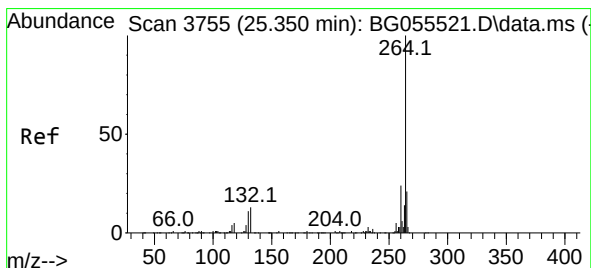
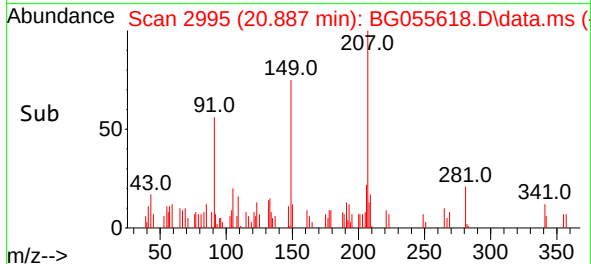
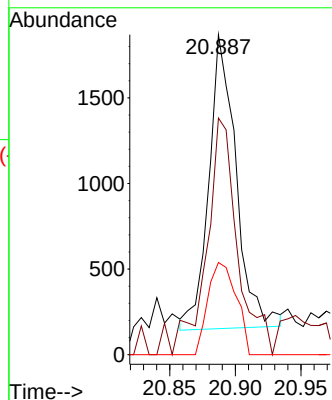
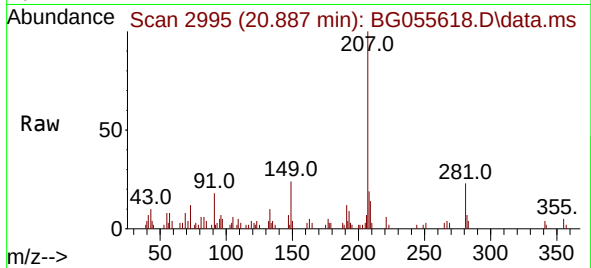




#80
Butylbenzylphthalate
Concen: 3.628 ng
RT: 20.887 min Scan# 2995
Delta R.T. -0.006 min
Lab File: BG055618.D
Acq: 15 Nov 2022 11:16

Instrument :
BNA_G
ClientSampleId :
PB148898BL

Tgt Ion:149 Resp: 2476
Ion Ratio Lower Upper
149 100
91 73.9 56.8 85.2
206 28.8 17.3 25.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.341 min Scan# 3753
Delta R.T. 0.006 min
Lab File: BG055618.D
Acq: 15 Nov 2022 11:16

Tgt Ion:264 Resp: 354098
Ion Ratio Lower Upper
264 100
260 25.3 19.4 29.2
265 22.5 17.1 25.7

