

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102722\
 Data File : BG055332.D
 Acq On : 27 Oct 2022 20:46
 Operator : CG/JU
 Sample : N5282-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUMP-STONE

Quant Time: Oct 28 05:35:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG102422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 24 16:54:05 2022
 Response via : Initial Calibration

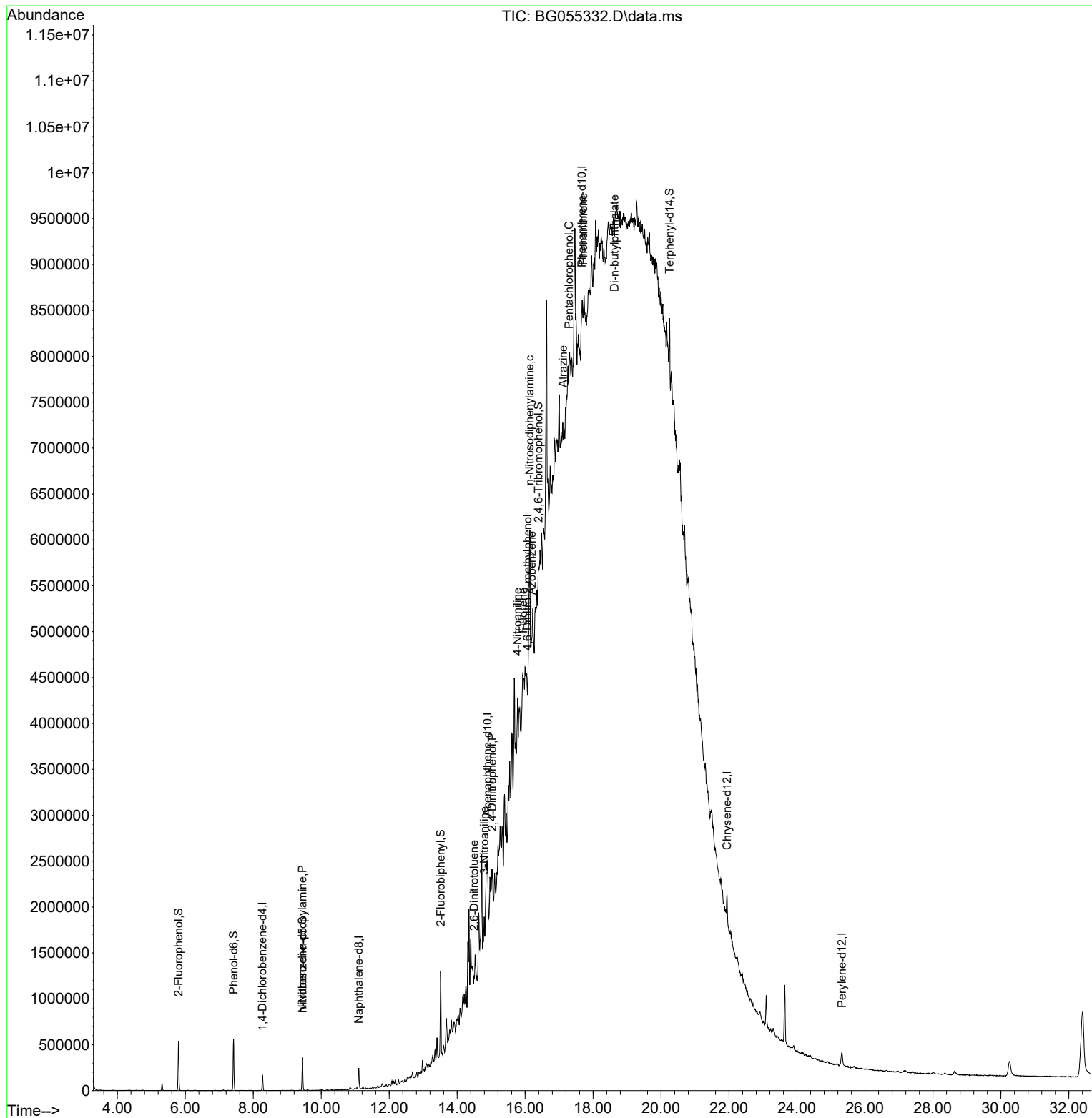
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	48392	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	193923	20.000	ng	0.00
39) Acenaphthene-d10	14.893	164	105814	20.000	ng	0.00
64) Phenanthrene-d10	17.666	188	113298	20.000	ng	# 0.05
76) Chrysene-d12	21.937	240	184599	20.000	ng	0.04
86) Perylene-d12	25.321	264	196324	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	264234	95.608	ng	0.00
7) Phenol-d6	7.419	99	348197	86.962	ng	0.00
23) Nitrobenzene-d5	9.446	82	227138	59.809	ng	0.00
42) 2,4,6-Tribromophenol	16.391	330	115845	100.709	ng	0.02
45) 2-Fluorobiphenyl	13.512	172	464453	71.843	ng	0.00
79) Terphenyl-d14	20.251	244	409688	46.111	ng	0.06
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.446	70	31014	9.328	ng	# 79
51) 2,6-Dinitrotoluene	14.499	165	10380	6.140	ng	# 28
53) 3-Nitroaniline	14.798	138	14110	6.641	ng	# 26
54) 2,4-Dinitrophenol	15.034	184	497	4.552	ng	# 1
58) Fluorene	15.944	166	24974	3.177	ng	# 1
62) 4-Nitroaniline	15.774	138	31674	14.185	ng	# 88
63) Azobenzene	16.191	77	24754	2.875	ng	# 36
65) 4,6-Dinitro-2-methylph...	16.068	198	2618	4.203	ng	# 1
66) n-Nitrosodiphenylamine	16.132	169	30660	9.722	ng	# 70
69) Atrazine	17.113	200	7189	6.704	ng	# 1
70) Pentachlorophenol	17.290	266	868	3.739	ng	# 1
71) Phenanthrene	17.707	178	23941	3.962	ng	# 1
74) Di-n-butylphthalate	18.629	149	31297	4.407	ng	# 36

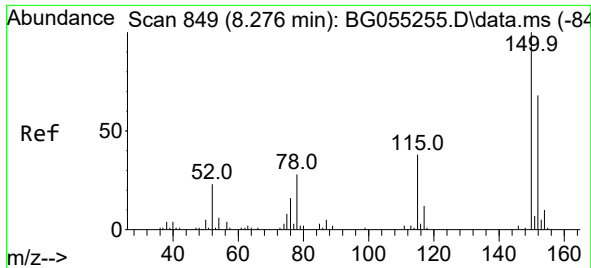
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Oct 24 16:54:05 2022
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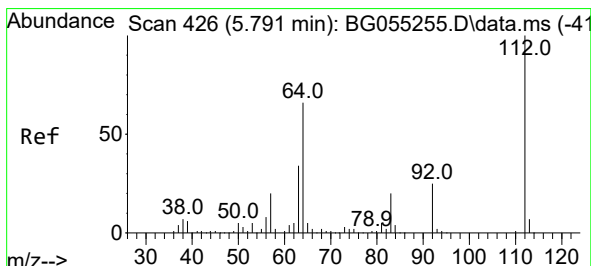
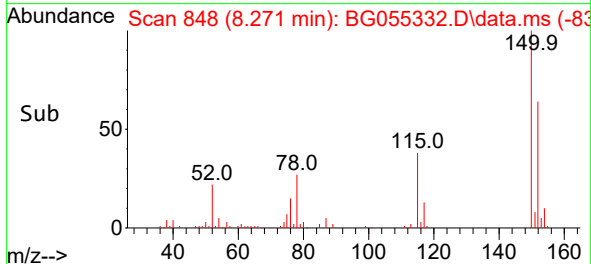
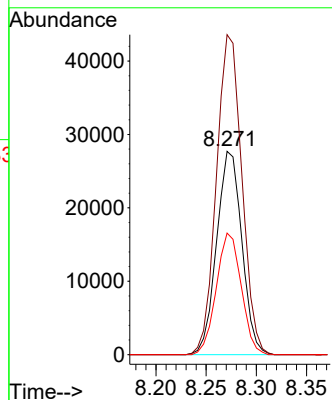
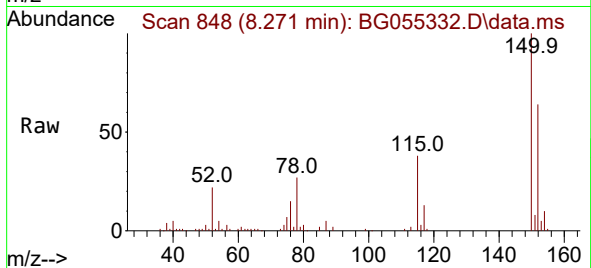




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. -0.005 min
Lab File: BG055332.D
Acq: 27 Oct 2022 20:46

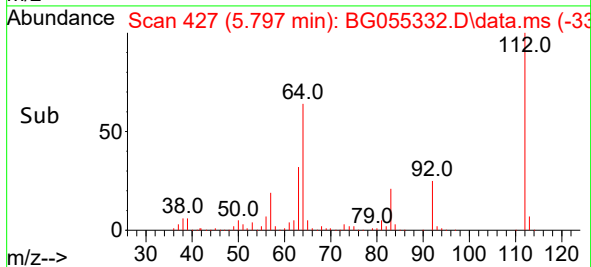
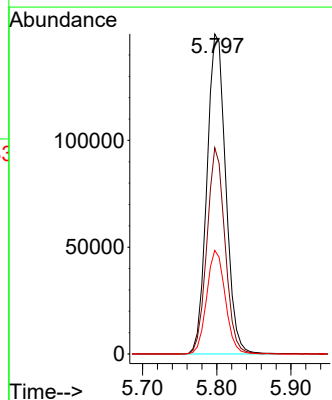
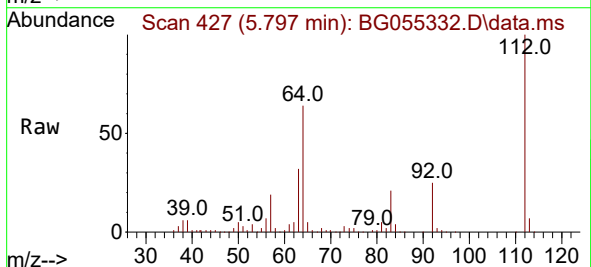
Instrument :
BNA_G
ClientSampleId :
SUMP-STONE

Tgt Ion:152 Resp: 48392
Ion Ratio Lower Upper
152 100
150 157.3 118.2 177.4
115 59.8 44.5 66.7



#5
2-Fluorophenol
Concen: 95.608 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG055332.D
Acq: 27 Oct 2022 20:46

Tgt Ion:112 Resp: 264234
Ion Ratio Lower Upper
112 100
64 64.4 52.6 78.8
63 32.4 27.1 40.7

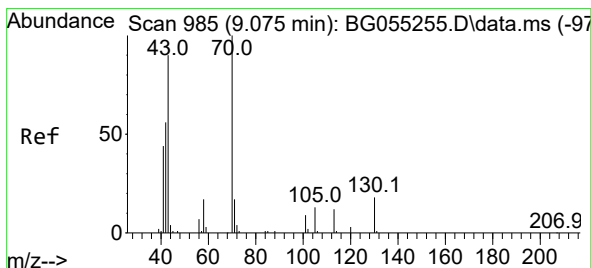
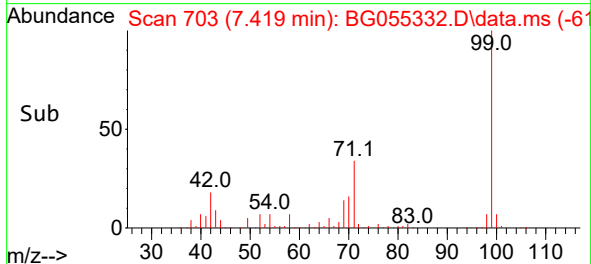
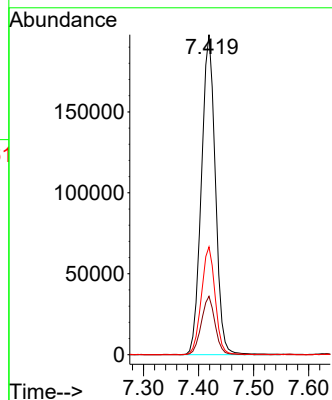
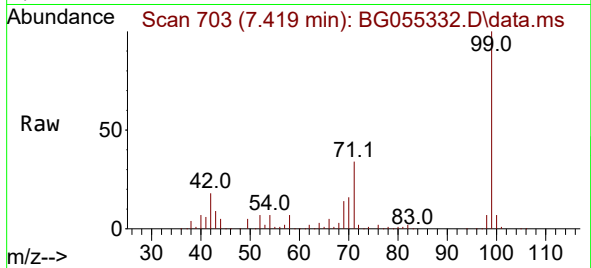




#7
Phenol-d6
Concen: 86.962 ng
RT: 7.419 min Scan# 702
Delta R.T. 0.006 min
Lab File: BG055332.D
Acq: 27 Oct 2022 20:46

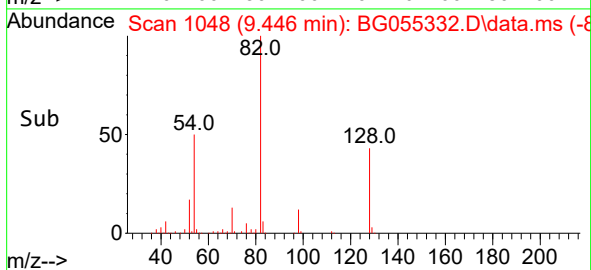
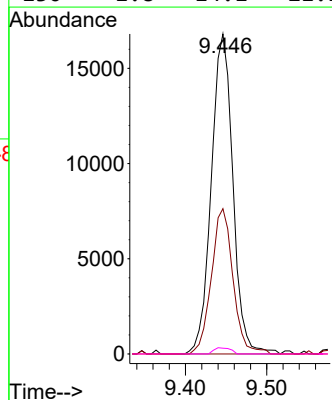
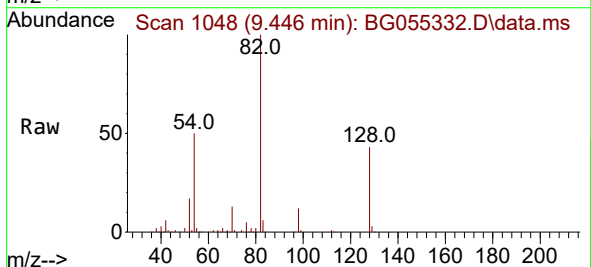
Instrument :
BNA_G
ClientSampleId :
SUMP-STONE

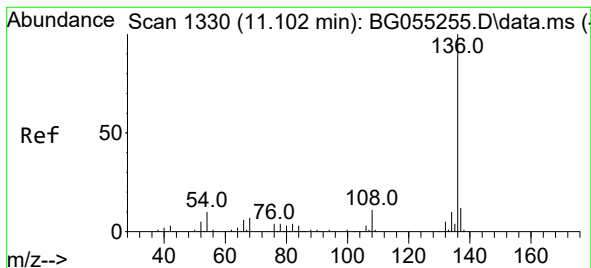
Tgt Ion: 99 Resp: 348197
Ion Ratio Lower Upper
99 100
42 18.3 15.2 22.8
71 33.7 26.2 39.4



#19
n-Nitroso-di-n-propylamine
Concen: 9.328 ng
RT: 9.446 min Scan# 1048
Delta R.T. 0.371 min
Lab File: BG055332.D
Acq: 27 Oct 2022 20:46

Tgt Ion: 70 Resp: 31014
Ion Ratio Lower Upper
70 100
42 45.4 45.8 68.6#
101 0.0 7.4 11.0#
130 1.8 14.1 21.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.103 min Scan# 11

Delta R.T. 0.001 min

Lab File: BG055332.D

Acq: 27 Oct 2022 20:46

Instrument :

BNA_G

ClientSampleId :

SUMP-STONE

Tgt Ion:136 Resp: 193923

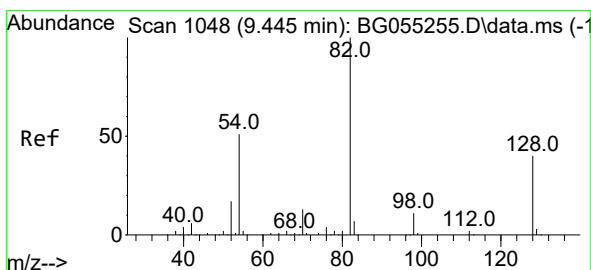
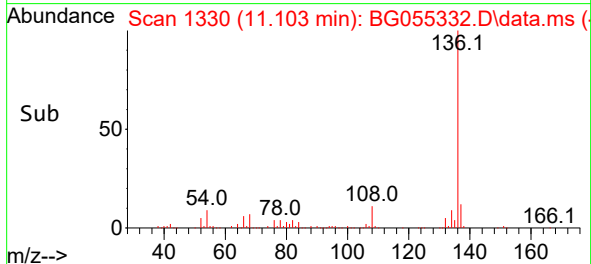
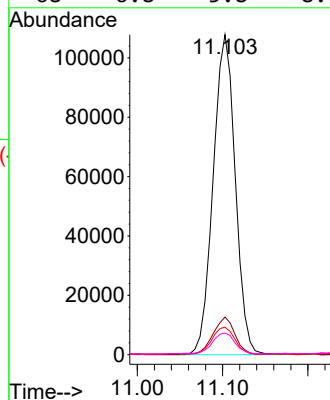
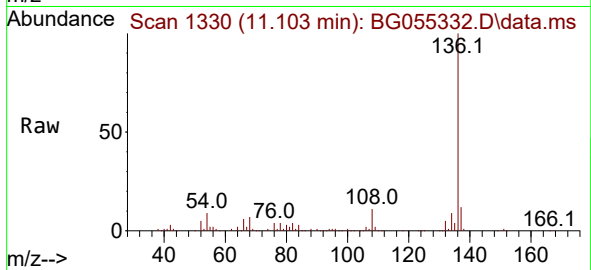
Ion Ratio Lower Upper

136 100

137 11.7 9.2 13.8

54 8.6 7.8 11.8

68 6.8 5.8 8.6



#23

Nitrobenzene-d5

Concen: 59.809 ng

RT: 9.446 min Scan# 1048

Delta R.T. 0.000 min

Lab File: BG055332.D

Acq: 27 Oct 2022 20:46

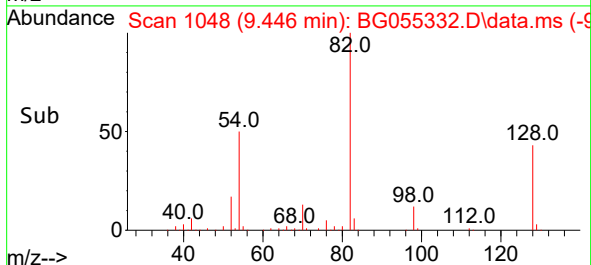
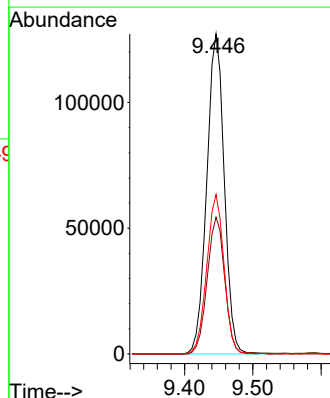
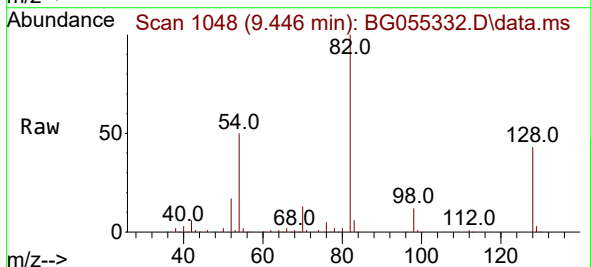
Tgt Ion: 82 Resp: 227138

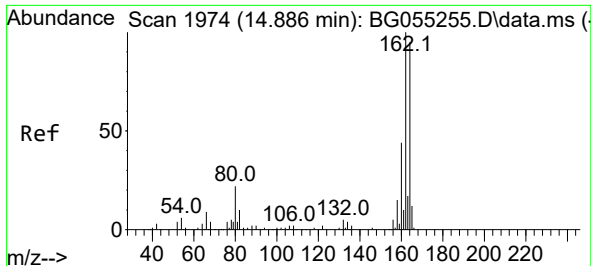
Ion Ratio Lower Upper

82 100

128 42.8 32.0 48.0

54 49.8 40.9 61.3

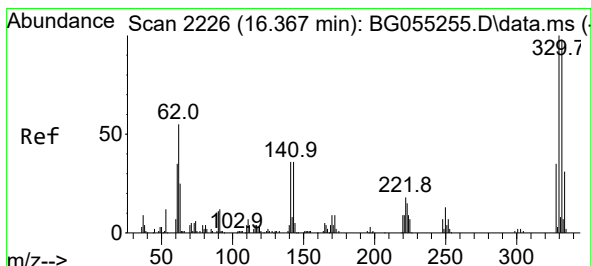
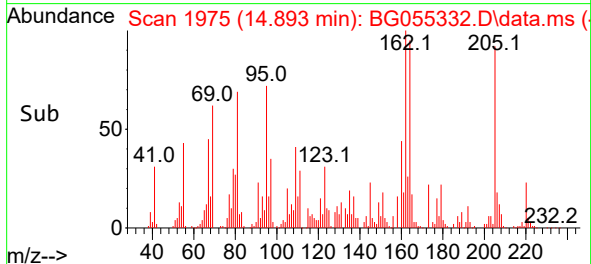
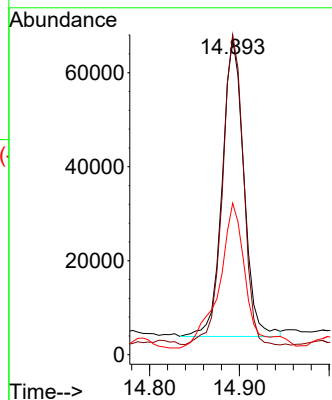
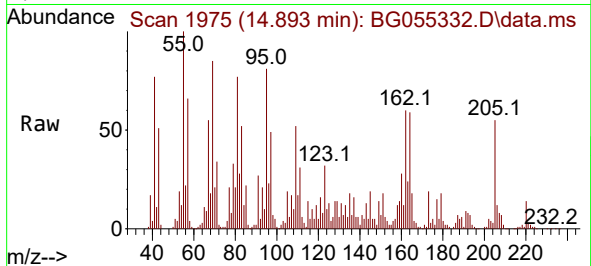




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.893 min Scan# 11
Delta R.T. 0.007 min
Lab File: BG055332.D
Acq: 27 Oct 2022 20:46

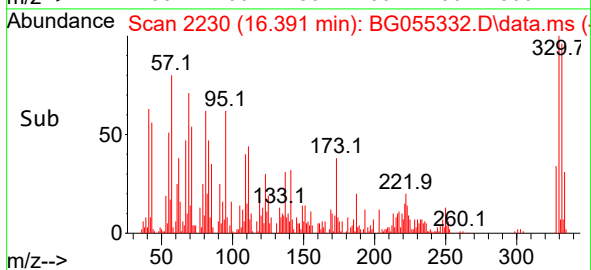
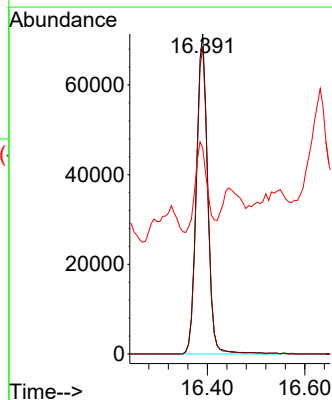
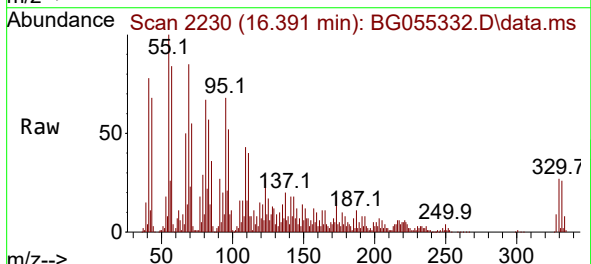
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ClientSampleId :
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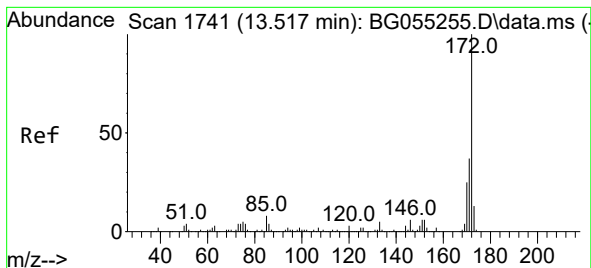
Tgt Ion:164 Resp: 105814
Ion Ratio Lower Upper
164 100
162 101.2 84.0 126.0
160 47.9 36.7 55.1



#42
2,4,6-Tribromophenol
Concen: 100.709 ng
RT: 16.391 min Scan# 2230
Delta R.T. 0.024 min
Lab File: BG055332.D
Acq: 27 Oct 2022 20:46

Tgt Ion:330 Resp: 115845
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 29.9 29.8 44.8

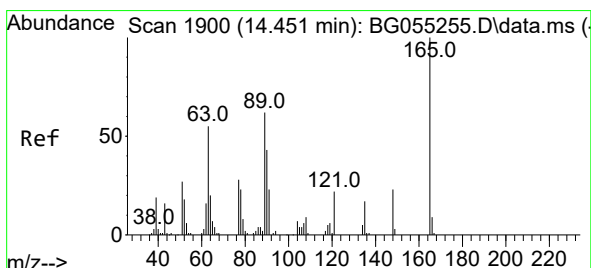
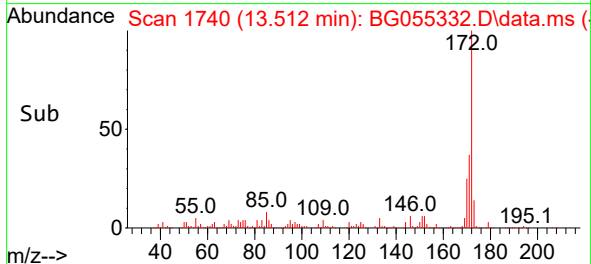
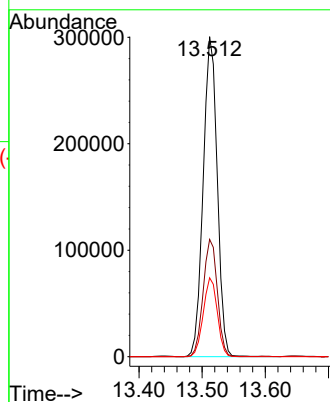
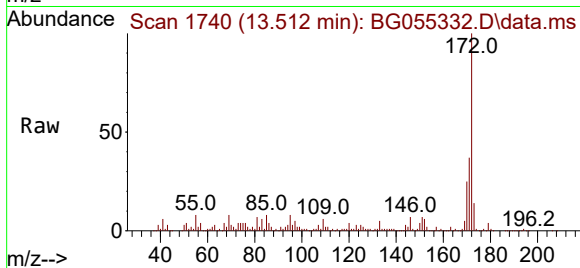




#45
2-Fluorobiphenyl
Concen: 71.843 ng
RT: 13.512 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055332.D
Acq: 27 Oct 2022 20:46

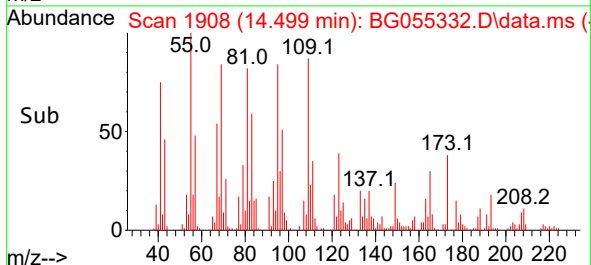
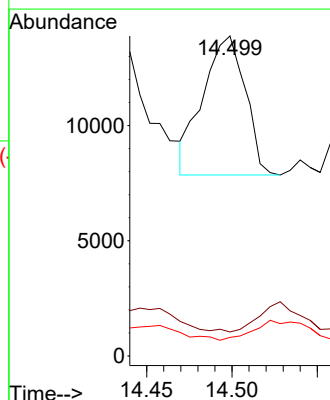
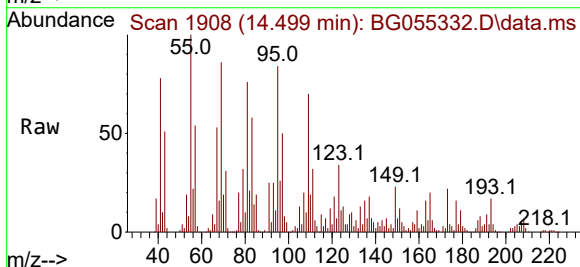
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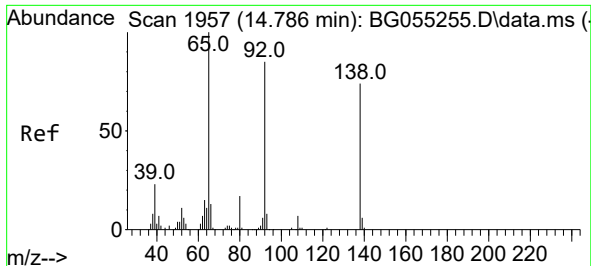
Tgt Ion:172 Resp: 464453
Ion Ratio Lower Upper
172 100
171 36.6 29.7 44.5
170 24.6 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 6.140 ng
RT: 14.499 min Scan# 1908
Delta R.T. 0.047 min
Lab File: BG055332.D
Acq: 27 Oct 2022 20:46

Tgt Ion:165 Resp: 10380
Ion Ratio Lower Upper
165 100
63 7.5 49.2 73.8#
89 5.8 49.9 74.9#

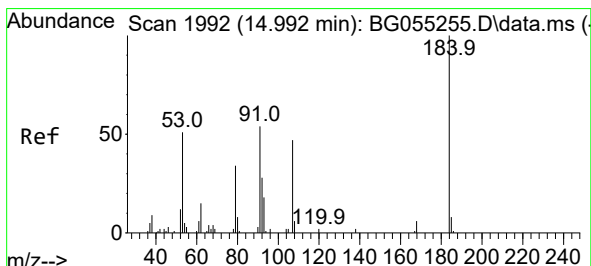
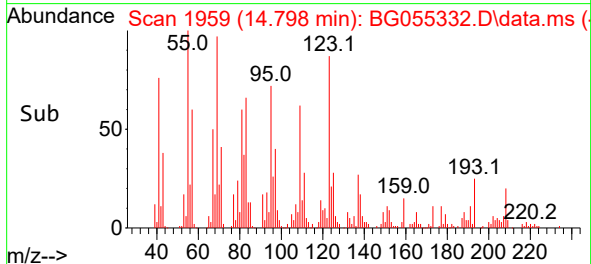
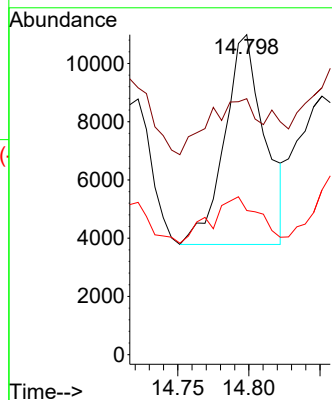
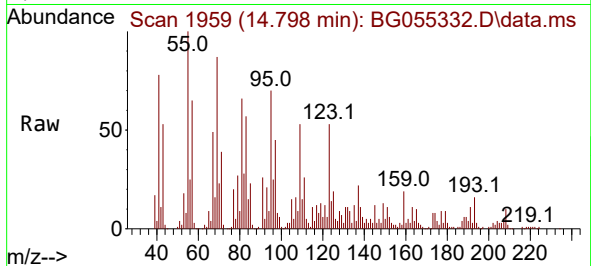




#53
3-Nitroaniline
Concen: 6.641 ng
RT: 14.798 min Scan# 1959
Delta R.T. 0.012 min
Lab File: BG055332.D
Acq: 27 Oct 2022 20:46

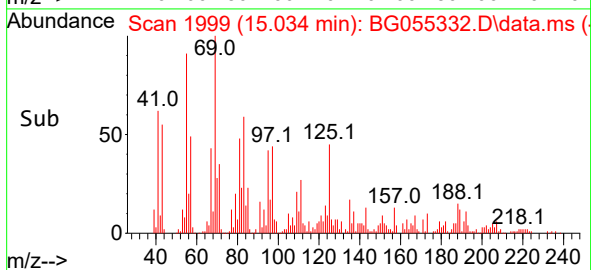
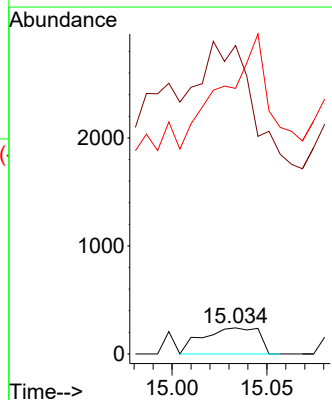
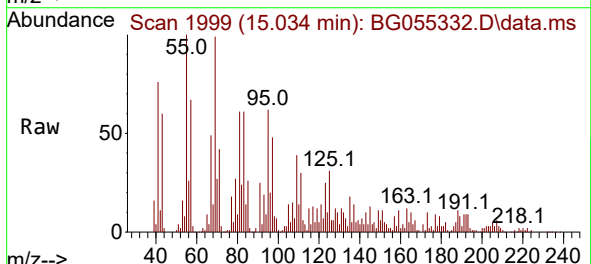
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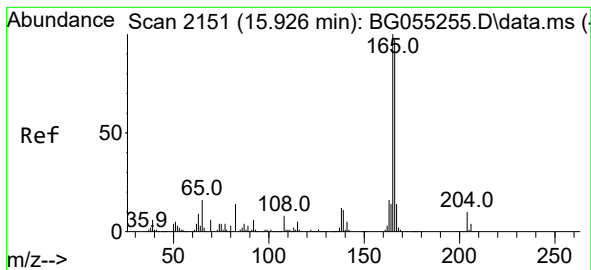
Tgt Ion:138 Resp: 14110
Ion Ratio Lower Upper
138 100
108 80.0 7.5 11.3#
92 45.0 91.8 137.8#



#54
2,4-Dinitrophenol
Concen: 4.552 ng
RT: 15.034 min Scan# 1999
Delta R.T. 0.041 min
Lab File: BG055332.D
Acq: 27 Oct 2022 20:46

Tgt Ion:184 Resp: 497
Ion Ratio Lower Upper
184 100
63 1185.1 55.7 83.5#
154 1020.3 49.4 74.0#





#58

Fluorene

Concen: 3.177 ng

RT: 15.944 min Scan# 2154

Delta R.T. 0.018 min

Lab File: BG055332.D

Acq: 27 Oct 2022 20:46

Instrument :

BNA_G

ClientSampleId :

SUMP-STONE

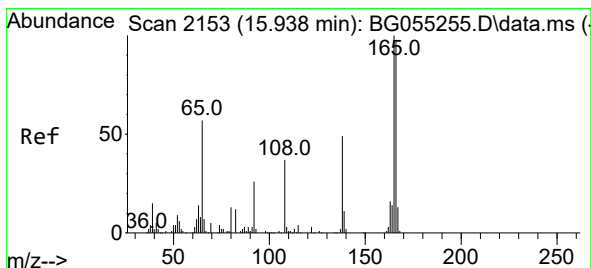
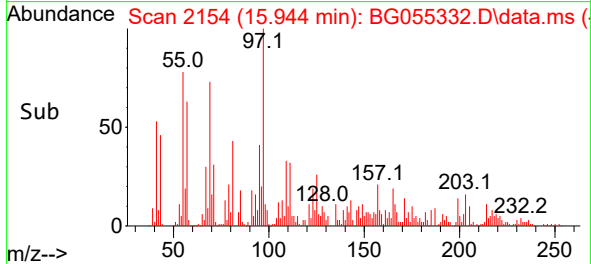
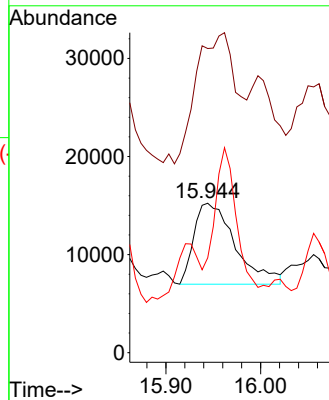
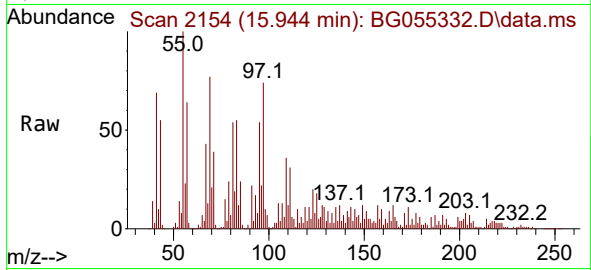
Tgt Ion:166 Resp: 24974

Ion Ratio Lower Upper

166 100

165 203.5 82.4 123.6#

167 63.5 11.5 17.3#



#62

4-Nitroaniline

Concen: 14.185 ng

RT: 15.774 min Scan# 2125

Delta R.T. -0.164 min

Lab File: BG055332.D

Acq: 27 Oct 2022 20:46

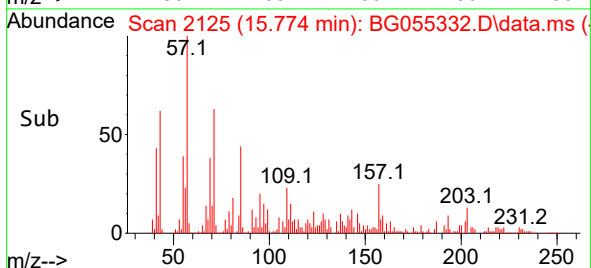
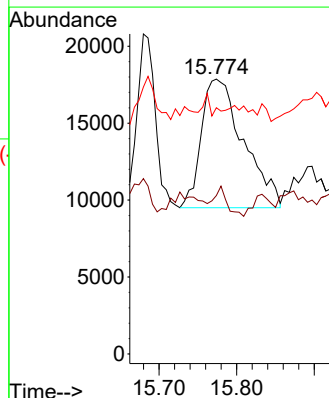
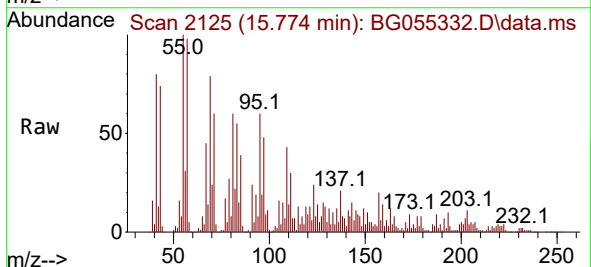
Tgt Ion:138 Resp: 31674

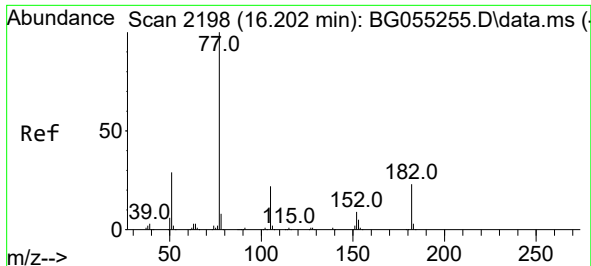
Ion Ratio Lower Upper

138 100

92 57.6 33.3 73.3

108 89.6 55.5 95.5

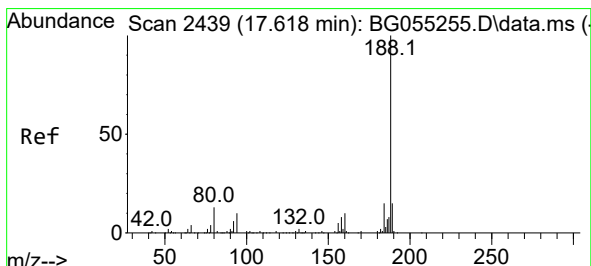
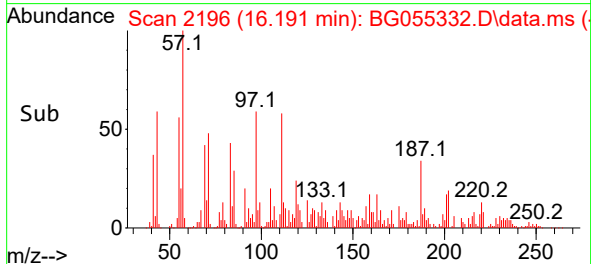
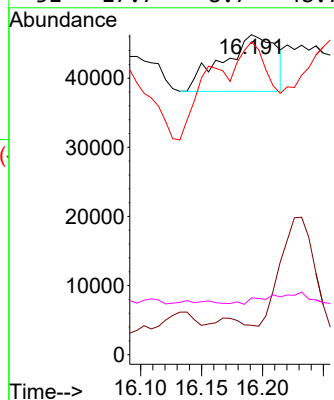
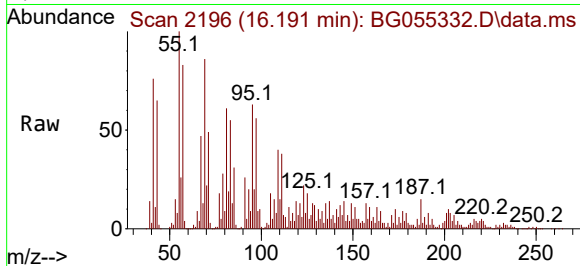




#63
Azobenzene
Concen: 2.875 ng
RT: 16.191 min Scan# 2198
Delta R.T. -0.011 min
Lab File: BG055332.D
Acq: 27 Oct 2022 20:46

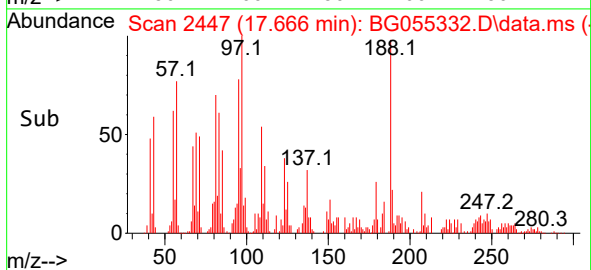
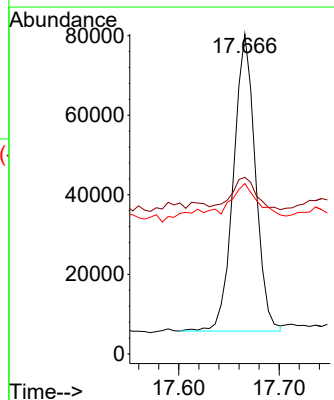
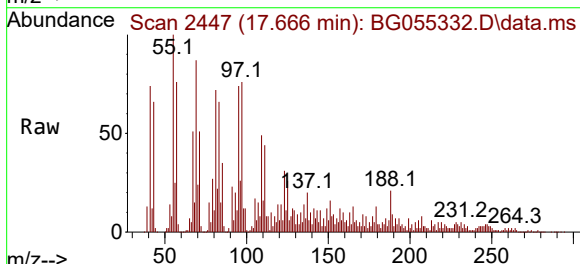
Instrument :
BNA_G
ClientSampleId :
SUMP-STONE

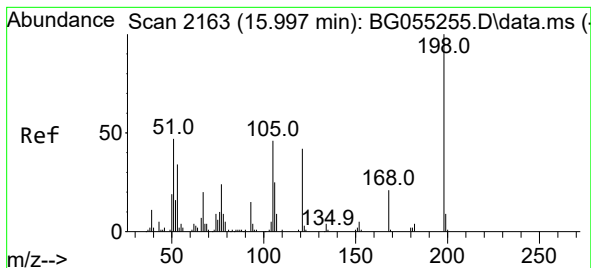
Tgt Ion: 77	Resp: 24754
Ion Ratio	Lower Upper
77	100
182	9.2 2.5 42.5
105	97.8 1.6 41.6#
51	17.7 8.7 48.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.666 min Scan# 2447
Delta R.T. 0.048 min
Lab File: BG055332.D
Acq: 27 Oct 2022 20:46

Tgt Ion: 188	Resp: 113298
Ion Ratio	Lower Upper
188	100
94	55.2 8.2 12.4#
80	53.2 10.1 15.1#

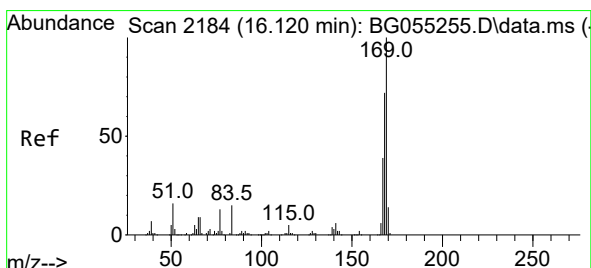
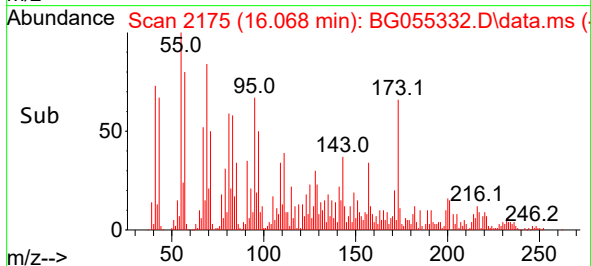
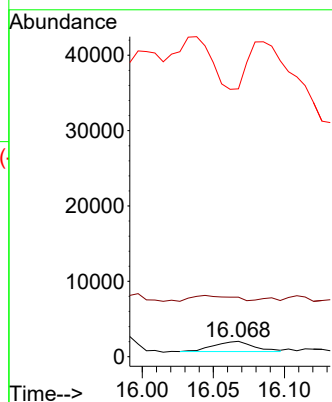
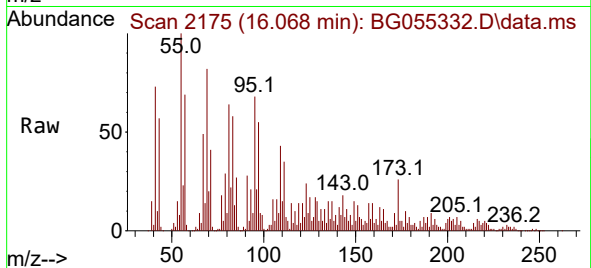




#65
4,6-Dinitro-2-methylphenol
Concen: 4.203 ng
RT: 16.068 min Scan# 2163
Delta R.T. 0.071 min
Lab File: BG055332.D
Acq: 27 Oct 2022 20:46

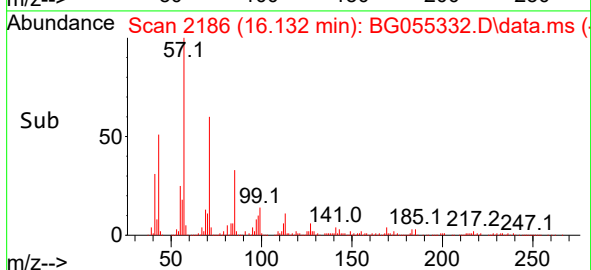
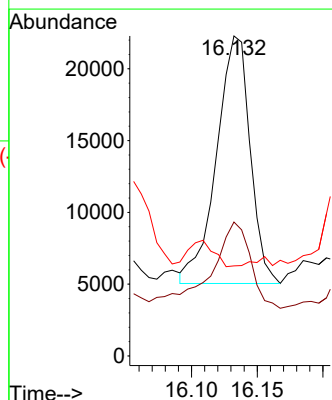
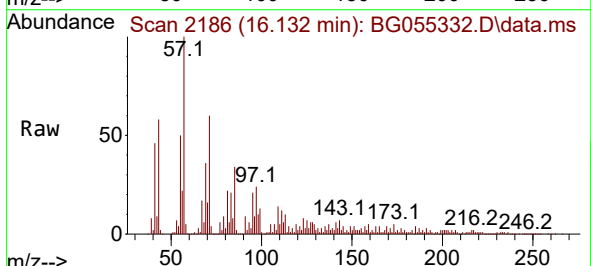
Instrument :
BNA_G
ClientSampleId :
SUMP-STONE

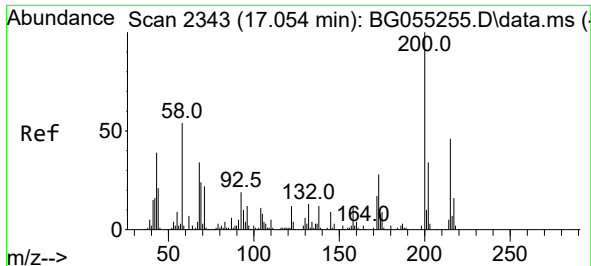
Tgt Ion:198 Resp: 2618
Ion Ratio Lower Upper
198 100
51 388.8 29.6 69.6#
105 1747.9 26.6 66.6#



#66
n-Nitrosodiphenylamine
Concen: 9.722 ng
RT: 16.132 min Scan# 2186
Delta R.T. 0.012 min
Lab File: BG055332.D
Acq: 27 Oct 2022 20:46

Tgt Ion:169 Resp: 30660
Ion Ratio Lower Upper
169 100
168 41.9 57.5 86.3#
167 28.1 31.5 47.3#

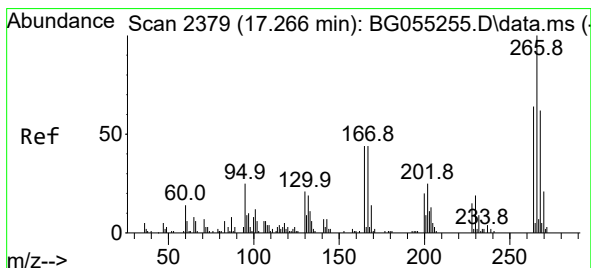
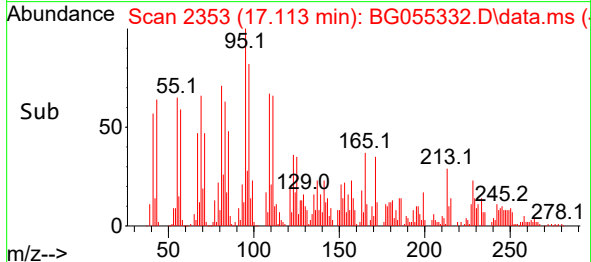
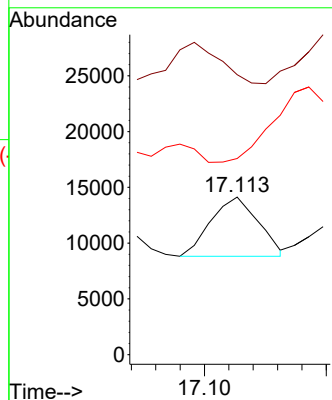
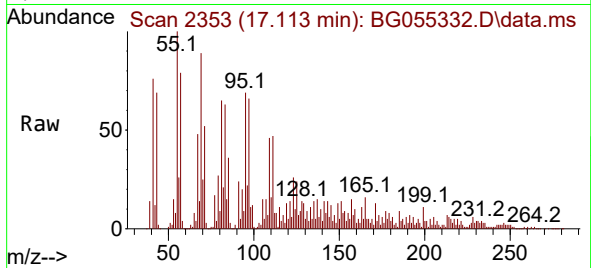




#69
 Atrazine
 Concen: 6.704 ng
 RT: 17.113 min Scan# 21
 Delta R.T. 0.059 min
 Lab File: BG055332.D
 Acq: 27 Oct 2022 20:46

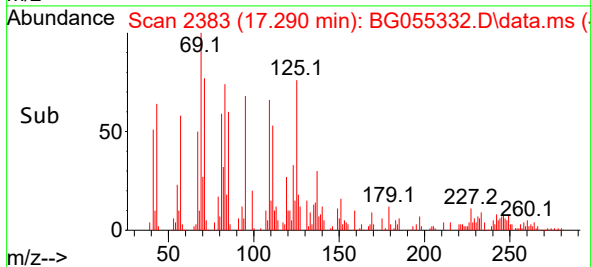
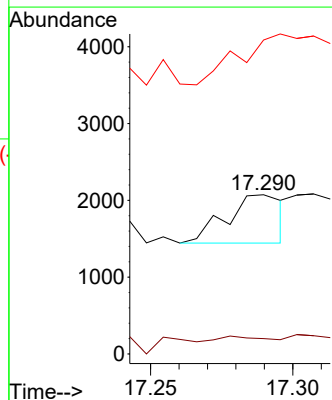
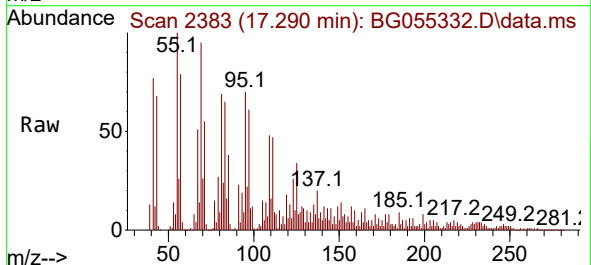
Instrument :
 BNA_G
 ClientSampleId :
 SUMP-STONE

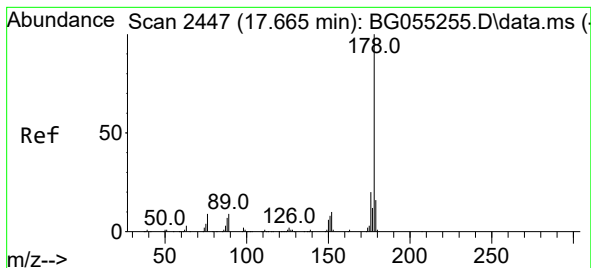
Tgt Ion:200 Resp: 7189
 Ion Ratio Lower Upper
 200 100
 173 177.6 7.7 47.7#
 215 124.4 26.1 66.1#



#70
 Pentachlorophenol
 Concen: 3.739 ng
 RT: 17.290 min Scan# 2383
 Delta R.T. 0.024 min
 Lab File: BG055332.D
 Acq: 27 Oct 2022 20:46

Tgt Ion:266 Resp: 868
 Ion Ratio Lower Upper
 266 100
 268 9.6 53.2 79.8#
 264 197.1 51.5 77.3#





#71

Phenanthrene

Concen: 3.962 ng

RT: 17.707 min Scan# 2447

Delta R.T. 0.042 min

Lab File: BG055332.D

Acq: 27 Oct 2022 20:46

Instrument :

BNA_G

ClientSampleId :

SUMP-STONE

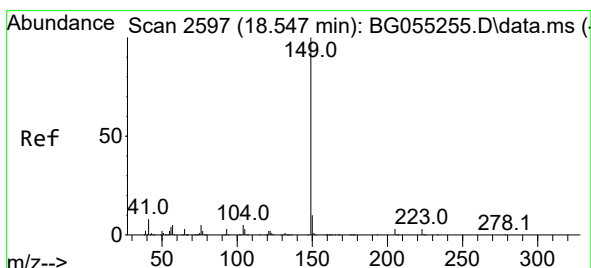
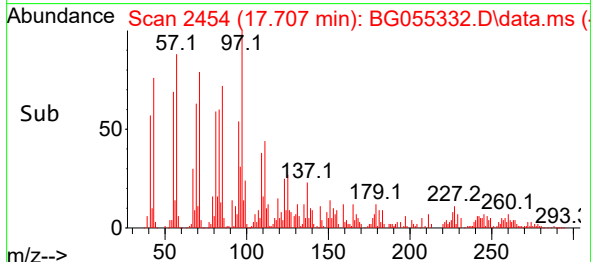
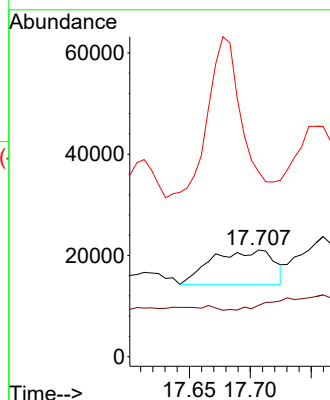
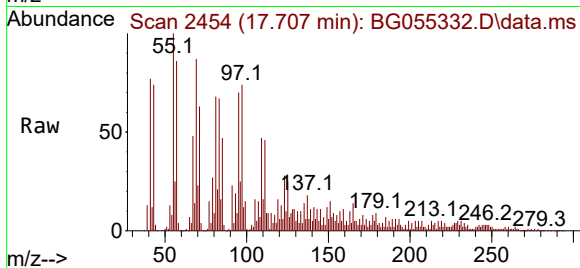
Tgt Ion:178 Resp: 23941

Ion Ratio Lower Upper

178 100

176 48.1 16.0 24.0#

179 173.4 12.6 19.0#



#74

Di-n-butylphthalate

Concen: 4.407 ng

RT: 18.629 min Scan# 2611

Delta R.T. 0.083 min

Lab File: BG055332.D

Acq: 27 Oct 2022 20:46

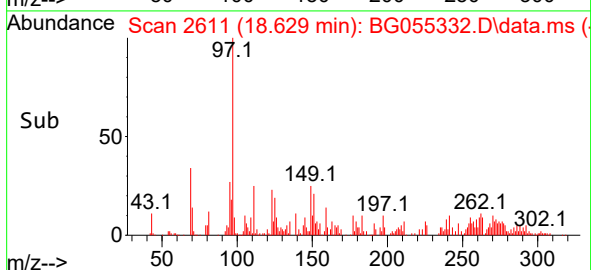
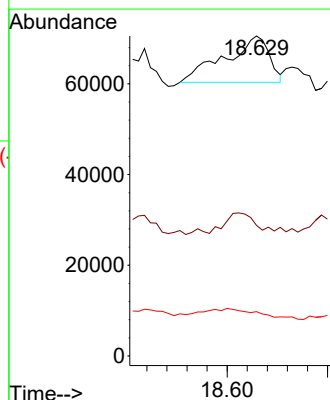
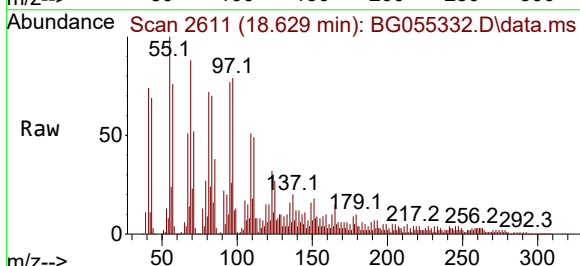
Tgt Ion:149 Resp: 31297

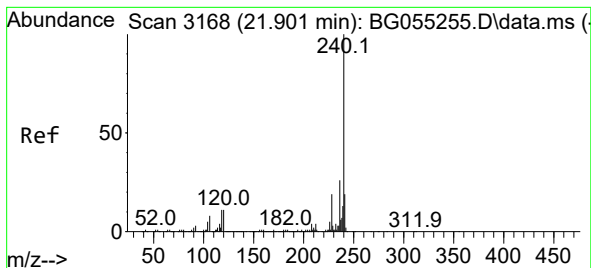
Ion Ratio Lower Upper

149 100

150 40.8 7.8 11.8#

104 13.9 4.2 6.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.937 min Scan# 3168

Delta R.T. 0.036 min

Lab File: BG055332.D

Acq: 27 Oct 2022 20:46

Instrument :

BNA_G

ClientSampleId :

SUMP-STONE

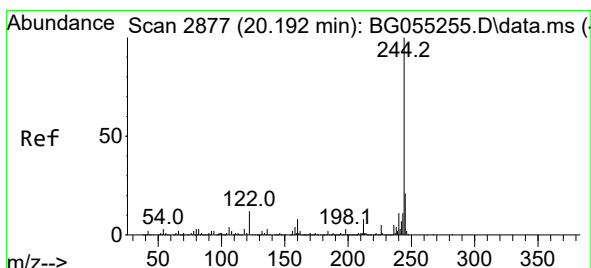
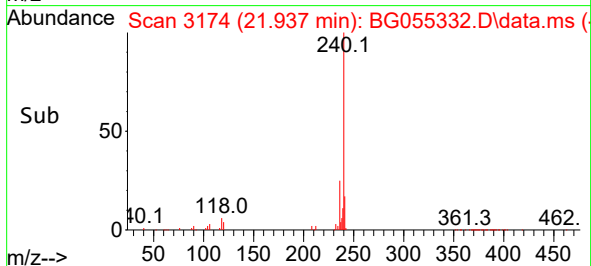
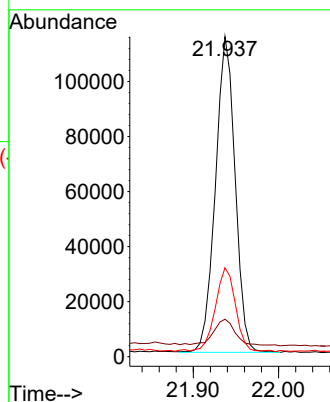
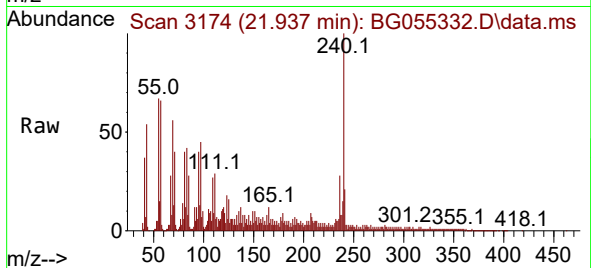
Tgt Ion:240 Resp: 184599

Ion Ratio Lower Upper

240 100

120 11.7 8.9 13.3

236 27.8 21.0 31.4



#79

Terphenyl-d14

Concen: 46.111 ng

RT: 20.251 min Scan# 2887

Delta R.T. 0.059 min

Lab File: BG055332.D

Acq: 27 Oct 2022 20:46

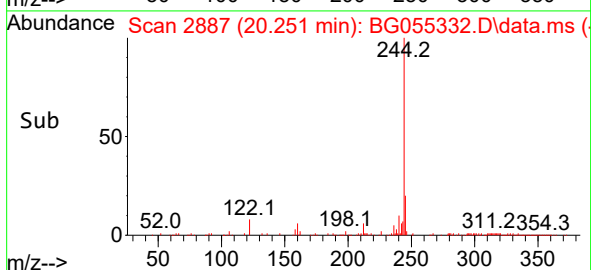
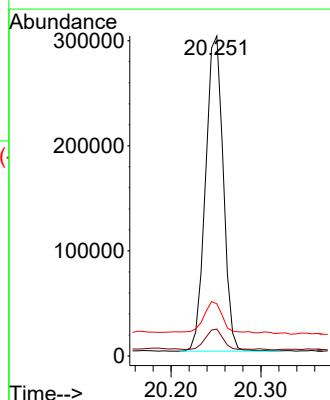
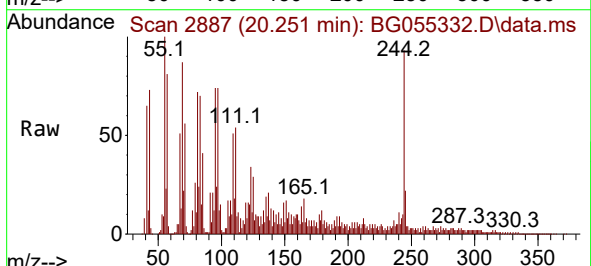
Tgt Ion:244 Resp: 409688

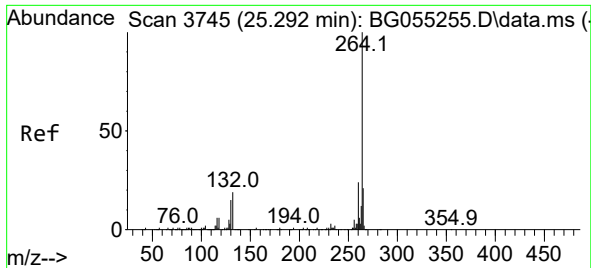
Ion Ratio Lower Upper

244 100

212 8.4 6.0 9.0

122 16.3 9.6 14.4#





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.321 min Scan# 31

Delta R.T. 0.030 min

Lab File: BG055332.D

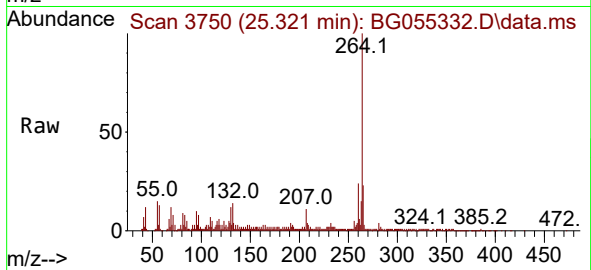
Acq: 27 Oct 2022 20:46

Instrument :

BNA_G

ClientSampleId :

SUMP-STONE



Tgt Ion:264 Resp: 196324

Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 22.7 17.4 26.2

