

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055628.D
 Acq On : 15 Nov 2022 19:05
 Operator : CG/JU
 Sample : N5538-04
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-14-B-EAST

Quant Time: Nov 16 01:44:32 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)

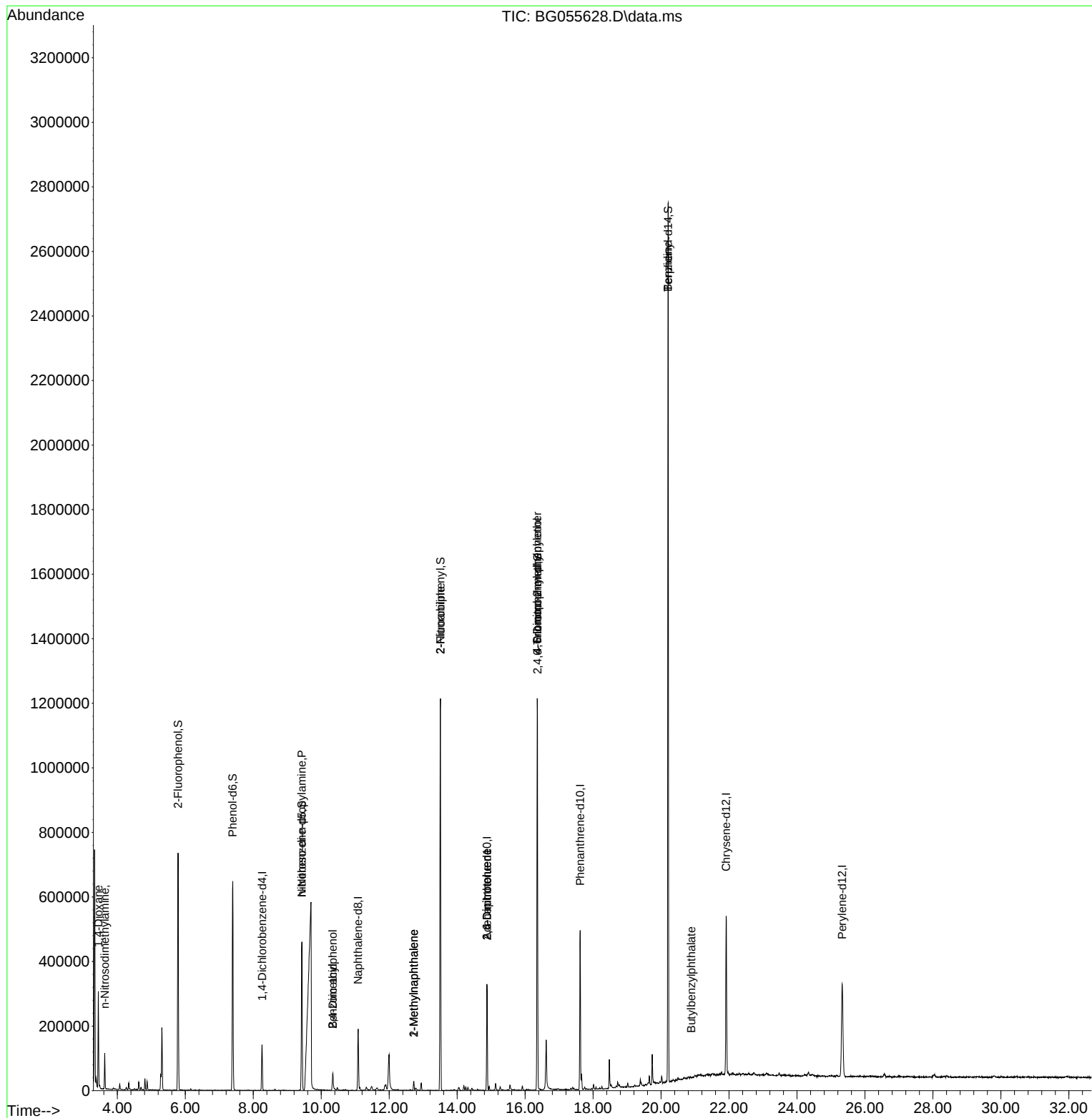
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	41611	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	165485	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	119354	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	310595	20.000	ng	0.00
76) Chrysene-d12	21.914	240	315183	20.000	ng	0.00
86) Perylene-d12	25.327	264	328176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.786	112	308119	141.040	ng	0.00
7) Phenol-d6	7.395	99	365599	121.152	ng	0.00
23) Nitrobenzene-d5	9.428	82	266009	108.972	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	249131	213.930	ng	0.00
45) 2-Fluorobiphenyl	13.506	172	647925	81.885	ng	0.00
79) Terphenyl-d14	20.210	244	1402584	89.382	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.441	88	4439	4.000	ng	# 1
4) n-Nitrosodimethylamine	3.629	42	8776	5.226	ng	# 2
19) n-Nitroso-di-n-propyla...	9.428	70	36463	14.621	ng	# 78
27) 2,4-Dimethylphenol	10.339	122	21451	9.620	ng	# 1
32) Benzoic acid	10.339	122	21451	22.173	ng	91
37) 2-Methylnaphthalene	12.724	142	13991	2.081	ng	91
38) 1-Methylnaphthalene	12.724	142	13991	2.128	ng	91
48) 2-Nitroaniline	13.506	65	1111	4.376	ng	# 2
51) 2,6-Dinitrotoluene	14.875	165	15680	12.342	ng	# 20
57) 2,4-Dinitrotoluene	14.875	165	15680	10.507	ng	# 21
65) 4,6-Dinitro-2-methylph...	16.356	198	607	2.704	ng	# 1
67) 4-Bromophenyl-phenylether	16.356	248	15978	5.043	ng	# 1
77) Benzidine	20.204	184	22278	2.613	ng	# 94
80) Butylbenzylphthalate	20.886	149	422	3.413	ng	# 68

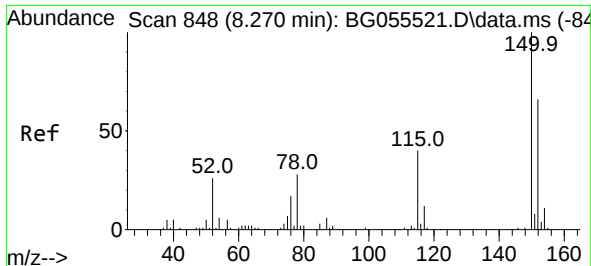
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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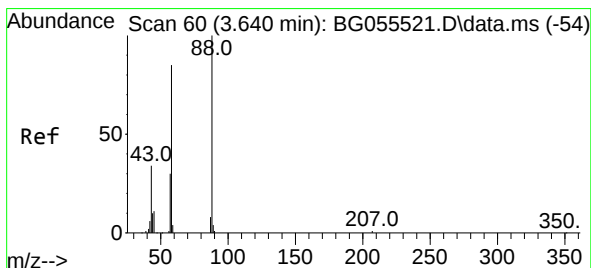
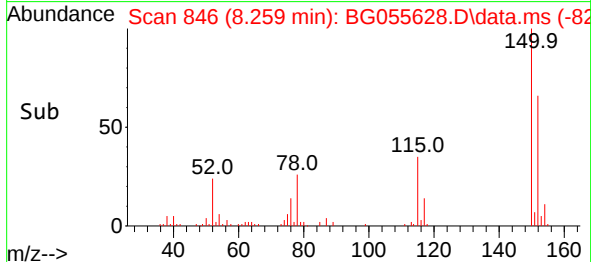
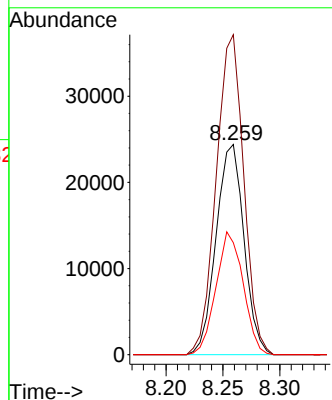
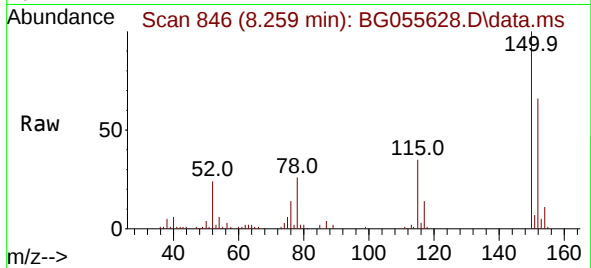




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.259 min Scan# 84
 Delta R.T. -0.002 min
 Lab File: BG055628.D
 Acq: 15 Nov 2022 19:05

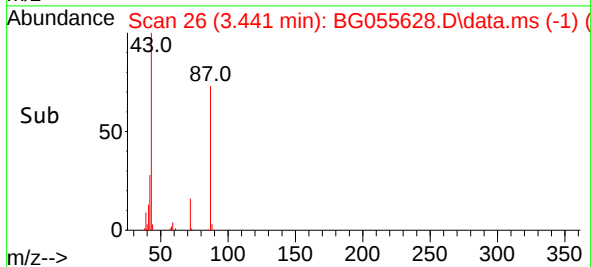
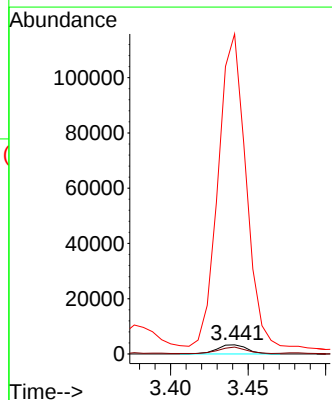
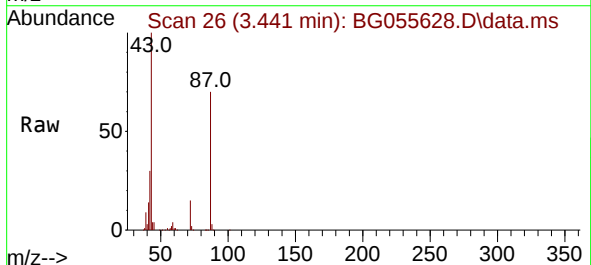
Instrument :
 BNA_G
 ClientSampleId :
 TP-14-B-EAST

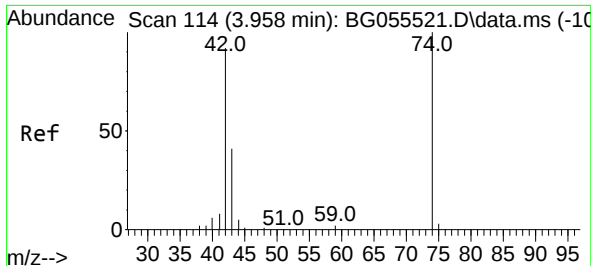
Tgt Ion:152 Resp: 41611
 Ion Ratio Lower Upper
 152 100
 150 152.2 121.0 181.4
 115 53.3 47.8 71.8



#2
 1,4-Dioxane
 Concen: 4.000 ng
 RT: 3.441 min Scan# 26
 Delta R.T. -0.184 min
 Lab File: BG055628.D
 Acq: 15 Nov 2022 19:05

Tgt Ion: 88 Resp: 4439
 Ion Ratio Lower Upper
 88 100
 58 75.7 68.9 103.3
 43 3253.3 27.1 40.7#

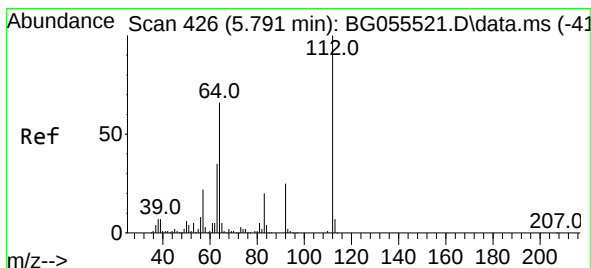
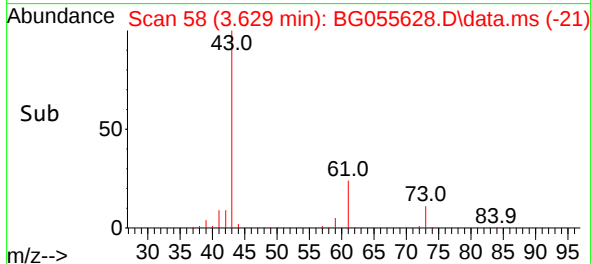
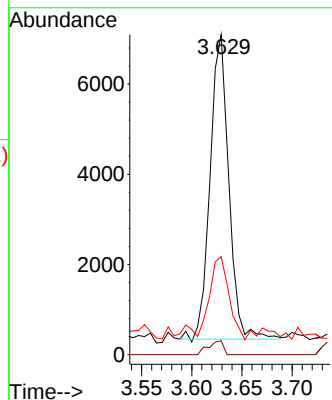
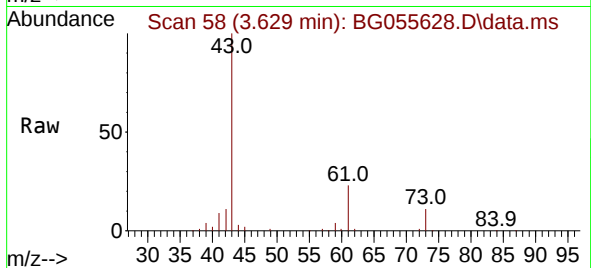




#4
n-Nitrosodimethylamine
Concen: 5.226 ng
RT: 3.629 min Scan# 51
Delta R.T. -0.313 min
Lab File: BG055628.D
Acq: 15 Nov 2022 19:05

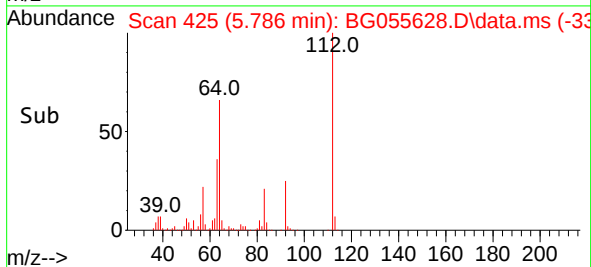
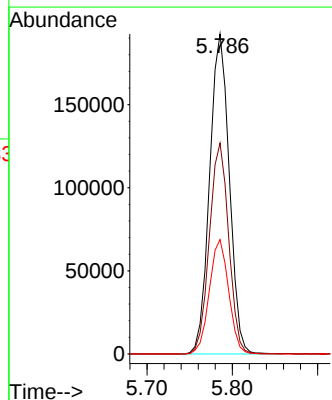
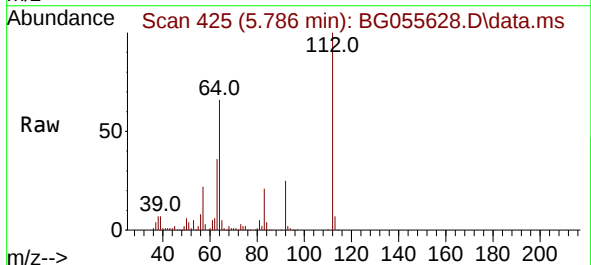
Instrument :
BNA_G
ClientSampleId :
TP-14-B-EAST

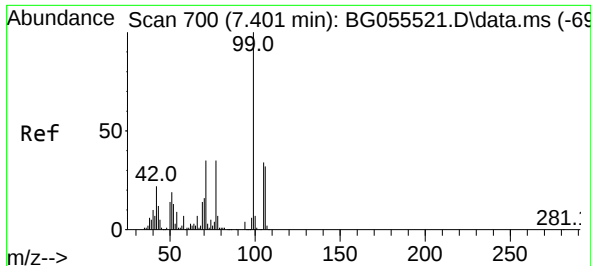
Tgt Ion: 42 Resp: 8776
Ion Ratio Lower Upper
42 100
74 4.4 87.1 130.7#
44 30.6 5.6 8.4#



#5
2-Fluorophenol
Concen: 141.040 ng
RT: 5.786 min Scan# 425
Delta R.T. 0.004 min
Lab File: BG055628.D
Acq: 15 Nov 2022 19:05

Tgt Ion: 112 Resp: 308119
Ion Ratio Lower Upper
112 100
64 65.9 52.6 78.8
63 35.8 28.3 42.5

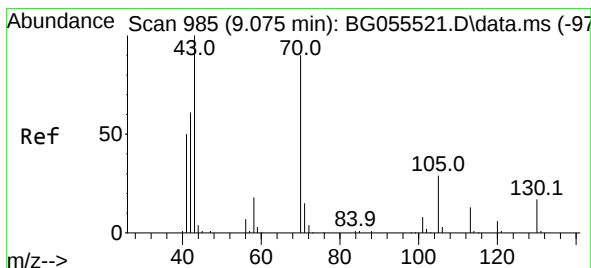
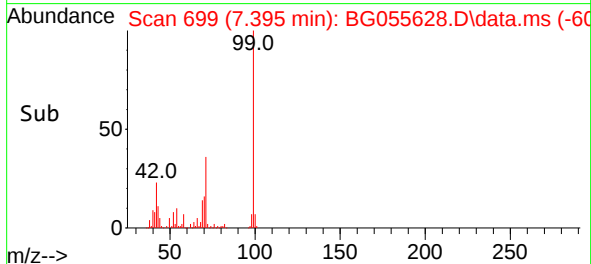
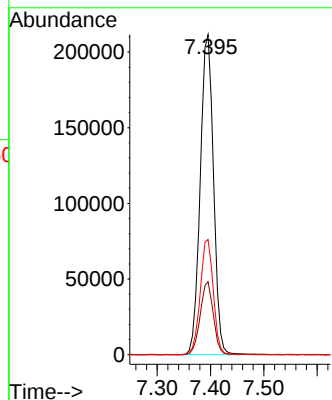
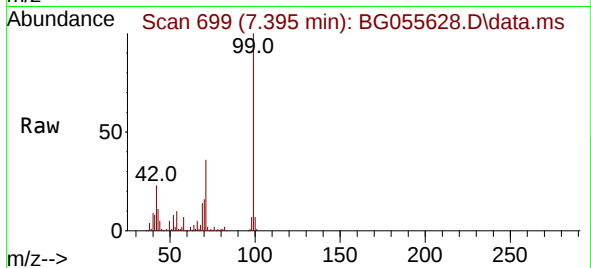




#7
Phenol-d6
Concen: 121.152 ng
RT: 7.395 min Scan# 61
Delta R.T. -0.002 min
Lab File: BG055628.D
Acq: 15 Nov 2022 19:05

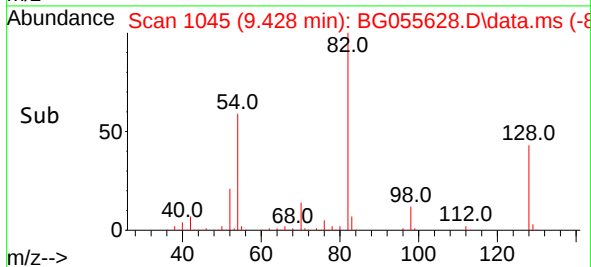
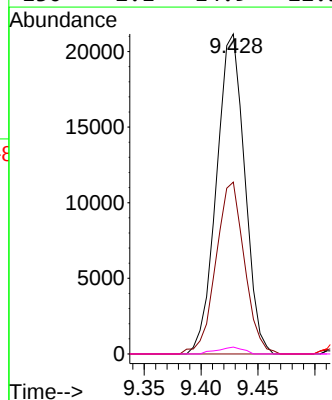
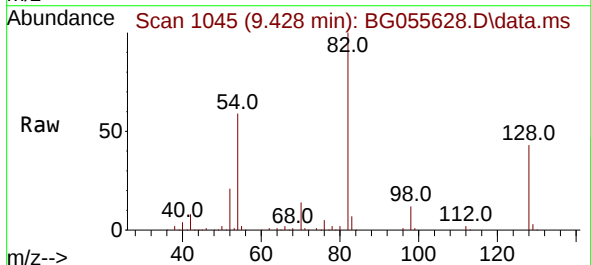
Instrument :
BNA_G
ClientSampleId :
TP-14-B-EAST

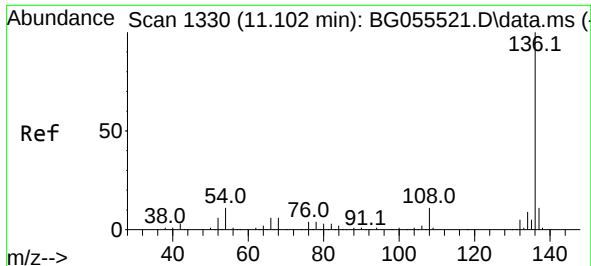
Tgt Ion: 99 Resp: 365599
Ion Ratio Lower Upper
99 100
42 22.8 17.5 26.3
71 36.0 28.3 42.5



#19
n-Nitroso-di-n-propylamine
Concen: 14.621 ng
RT: 9.428 min Scan# 1045
Delta R.T. 0.363 min
Lab File: BG055628.D
Acq: 15 Nov 2022 19:05

Tgt Ion: 70 Resp: 36463
Ion Ratio Lower Upper
70 100
42 53.7 54.8 82.2#
101 0.0 6.8 10.2#
130 2.1 14.9 22.3#

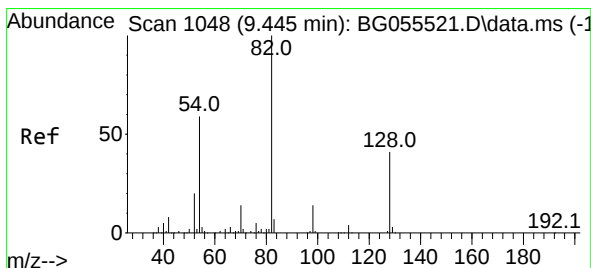
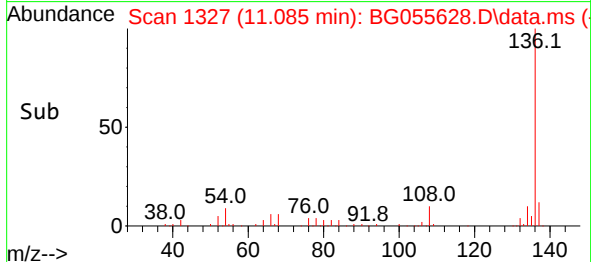
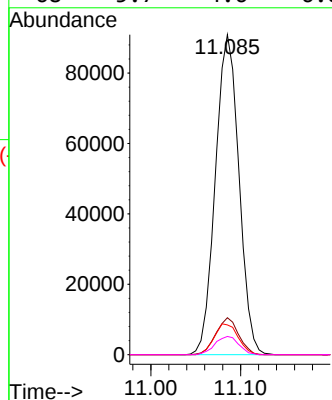
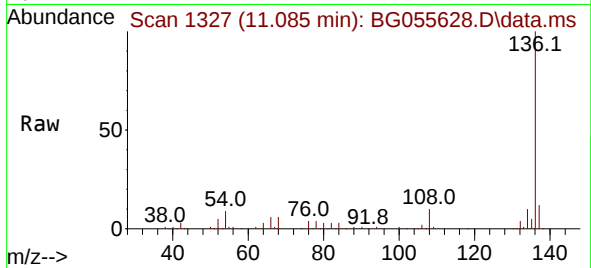




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055628.D
Acq: 15 Nov 2022 19:05

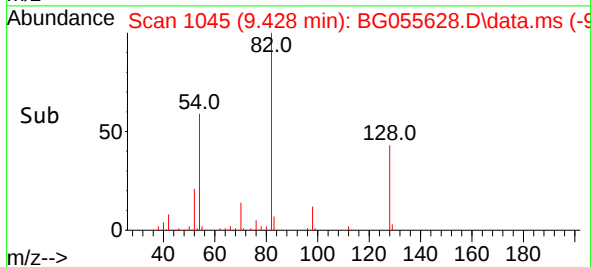
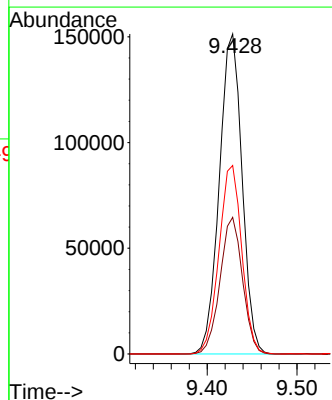
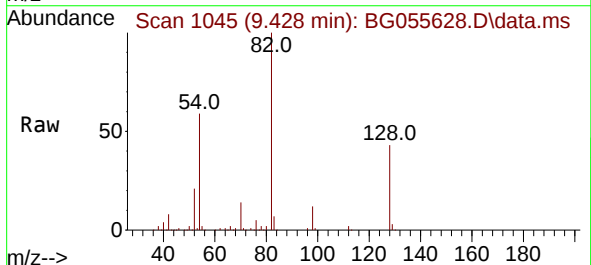
Instrument :
BNA_G
ClientSampleId :
TP-14-B-EAST

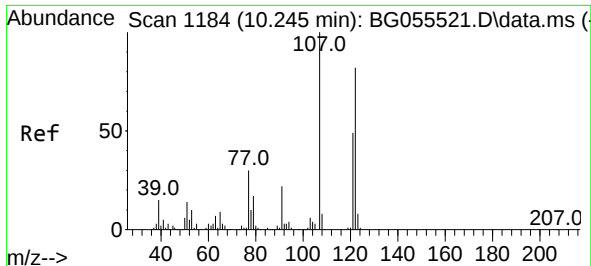
Tgt Ion:	136	Resp:	165485
Ion Ratio	Lower	Upper	
136	100		
137	11.5	8.6	12.8
54	9.3	8.6	12.8
68	5.7	4.6	6.8



#23
Nitrobenzene-d5
Concen: 108.972 ng
RT: 9.428 min Scan# 1045
Delta R.T. -0.002 min
Lab File: BG055628.D
Acq: 15 Nov 2022 19:05

Tgt Ion:	82	Resp:	266009
Ion Ratio	Lower	Upper	
82	100		
128	42.7	32.6	49.0
54	58.9	47.3	70.9





#27

2,4-Dimethylphenol

Concen: 9.620 ng

RT: 10.339 min Scan# 11

Delta R.T. 0.104 min

Lab File: BG055628.D

Acq: 15 Nov 2022 19:05

Instrument :

BNA_G

ClientSampleId :

TP-14-B-EAST

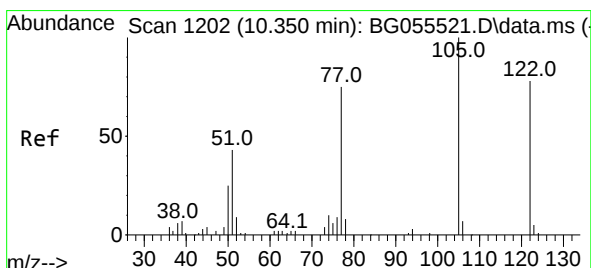
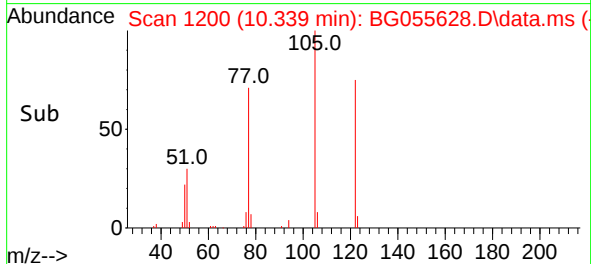
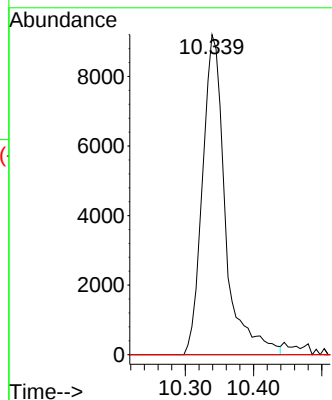
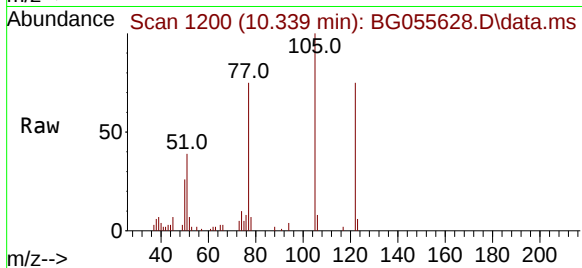
Tgt Ion:122 Resp: 21451

Ion Ratio Lower Upper

122 100

107 0.0 97.8 146.6#

121 0.0 47.9 71.9#



#32

Benzoic acid

Concen: 22.173 ng

RT: 10.339 min Scan# 1200

Delta R.T. -0.025 min

Lab File: BG055628.D

Acq: 15 Nov 2022 19:05

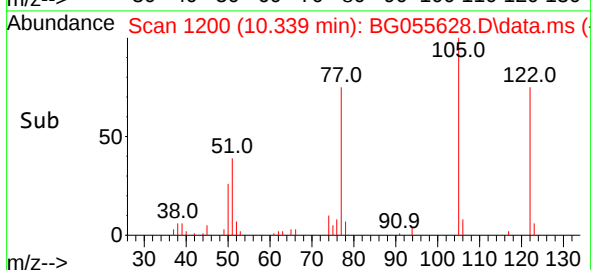
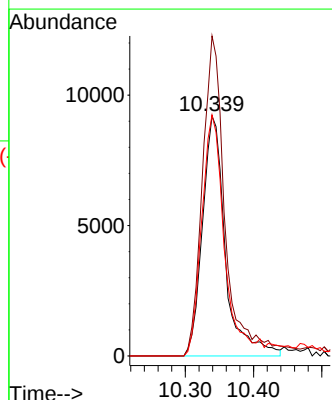
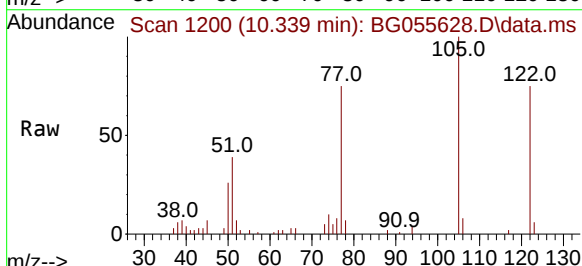
Tgt Ion:122 Resp: 21451

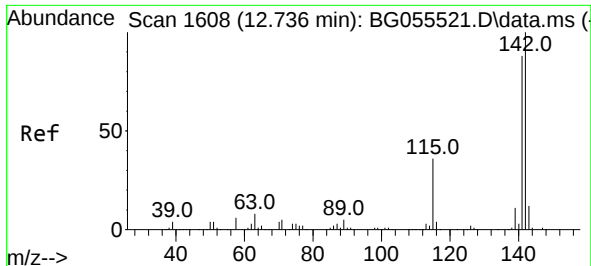
Ion Ratio Lower Upper

122 100

105 133.4 101.2 141.2

77 100.4 74.4 114.4

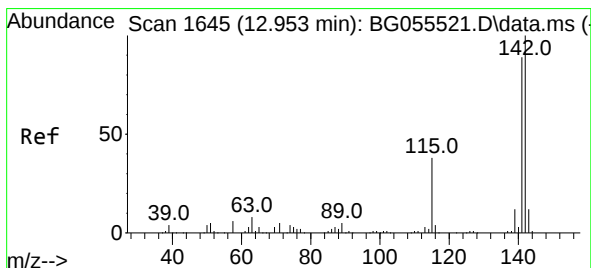
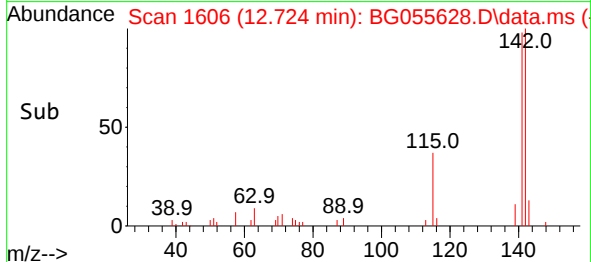
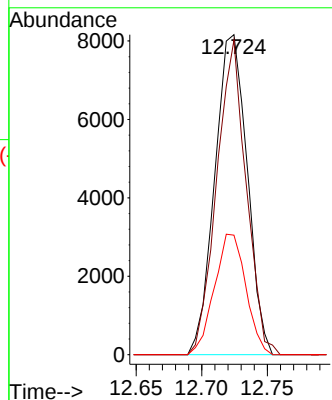
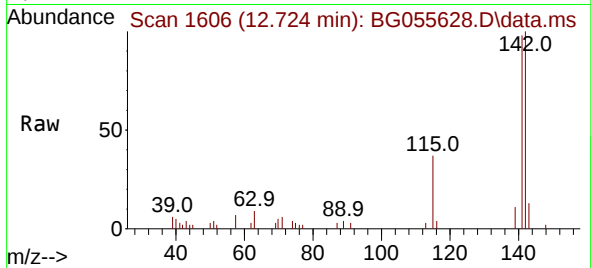




#37
2-Methylnaphthalene
Concen: 2.081 ng
RT: 12.724 min Scan# 1606
Delta R.T. -0.002 min
Lab File: BG055628.D
Acq: 15 Nov 2022 19:05

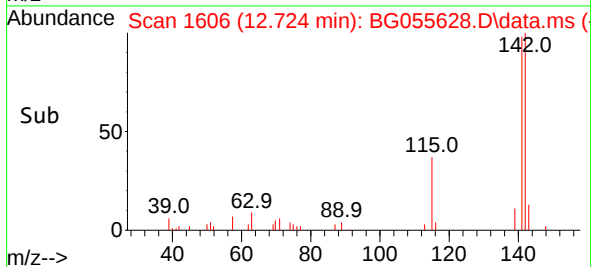
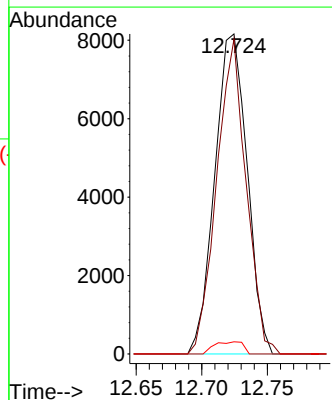
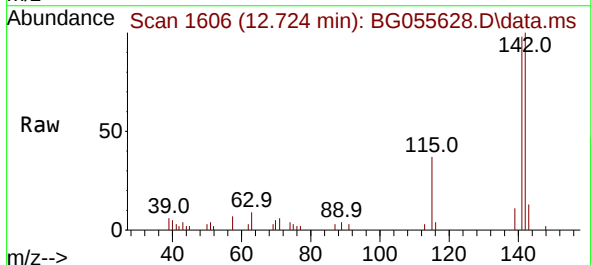
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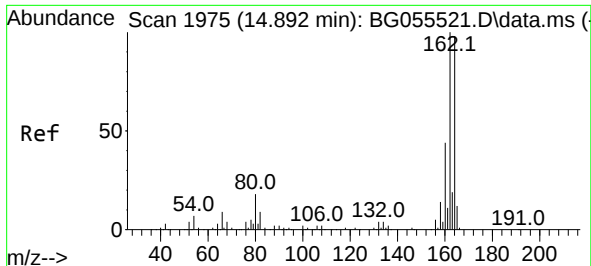
Tgt Ion:142 Resp: 13991
Ion Ratio Lower Upper
142 100
141 98.3 70.3 105.5
115 37.4 28.9 43.3



#38
1-Methylnaphthalene
Concen: 2.128 ng
RT: 12.724 min Scan# 1606
Delta R.T. -0.219 min
Lab File: BG055628.D
Acq: 15 Nov 2022 19:05

Tgt Ion:142 Resp: 13991
Ion Ratio Lower Upper
142 100
141 98.3 71.6 107.4
116 3.8 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1975

Delta R.T. -0.007 min

Lab File: BG055628.D

Acq: 15 Nov 2022 19:05

Instrument :

BNA_G

ClientSampleId :

TP-14-B-EAST

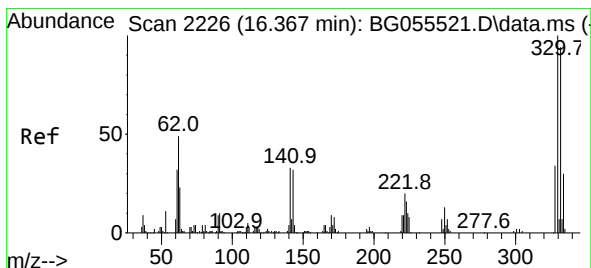
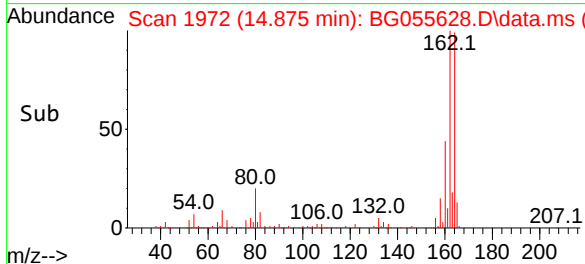
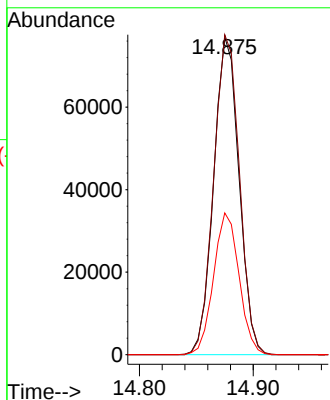
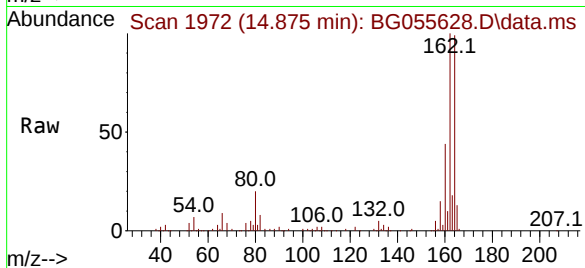
Tgt Ion:164 Resp: 119354

Ion Ratio Lower Upper

164 100

162 100.7 81.3 121.9

160 44.6 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 213.930 ng

RT: 16.361 min Scan# 2225

Delta R.T. -0.002 min

Lab File: BG055628.D

Acq: 15 Nov 2022 19:05

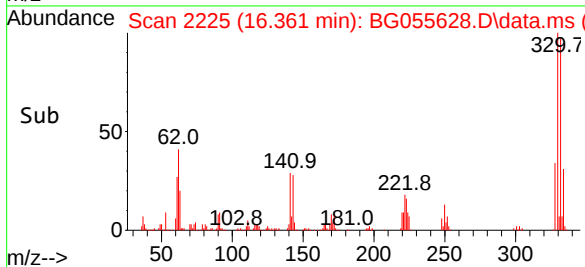
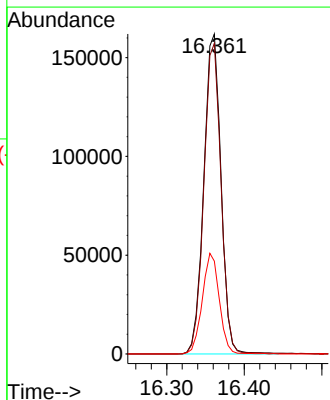
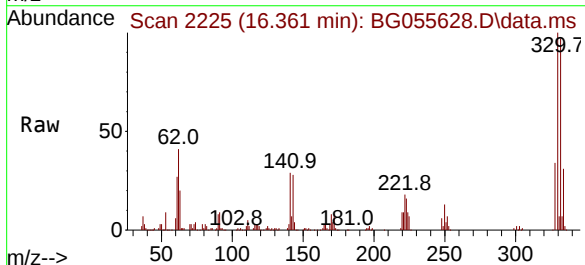
Tgt Ion:330 Resp: 249131

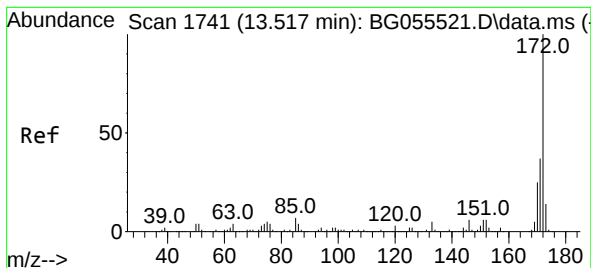
Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

141 31.1 25.4 38.2





#45

2-Fluorobiphenyl

Concen: 81.885 ng

RT: 13.506 min Scan# 1

Delta R.T. -0.002 min

Lab File: BG055628.D

Acq: 15 Nov 2022 19:05

Instrument :

BNA_G

ClientSampleId :

TP-14-B-EAST

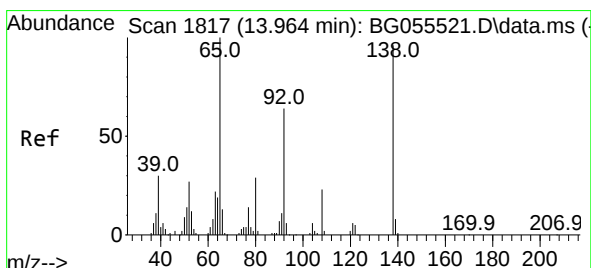
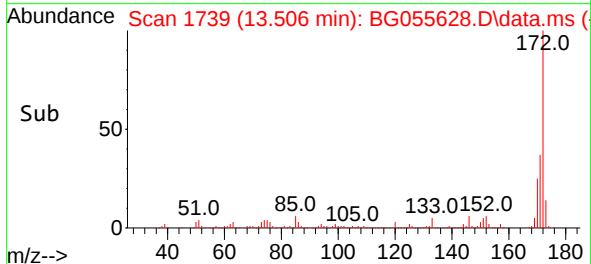
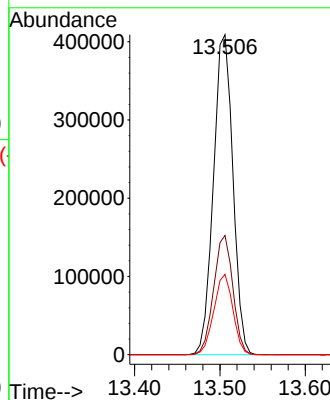
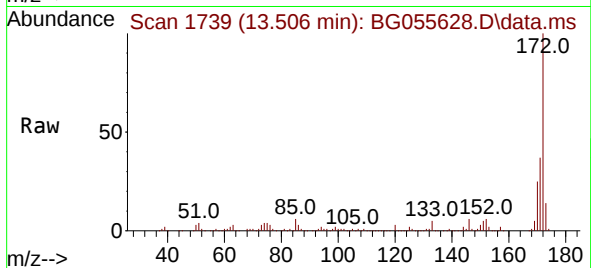
Tgt Ion:172 Resp: 647925

Ion Ratio Lower Upper

172 100

171 37.3 29.7 44.5

170 25.1 19.8 29.6



#48

2-Nitroaniline

Concen: 4.376 ng

RT: 13.506 min Scan# 1739

Delta R.T. -0.454 min

Lab File: BG055628.D

Acq: 15 Nov 2022 19:05

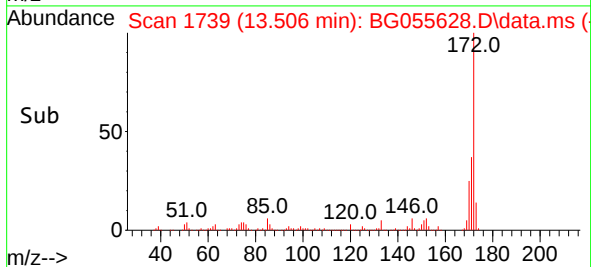
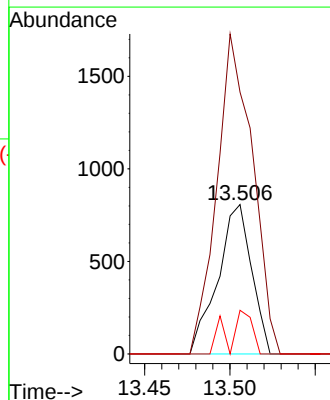
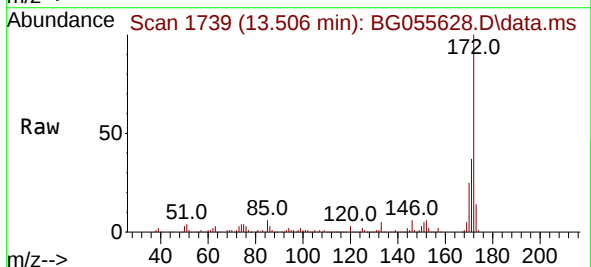
Tgt Ion: 65 Resp: 1111

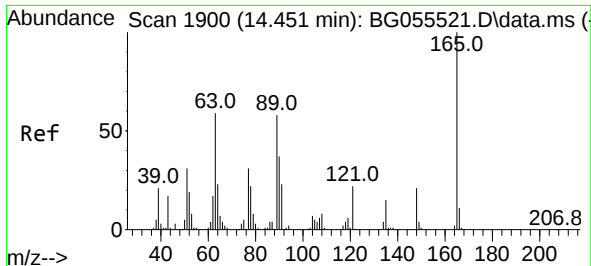
Ion Ratio Lower Upper

65 100

92 175.2 51.6 77.4#

138 29.2 77.0 115.4#

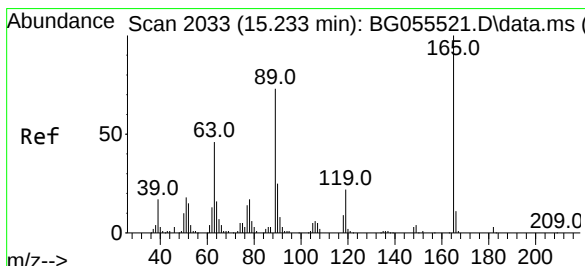
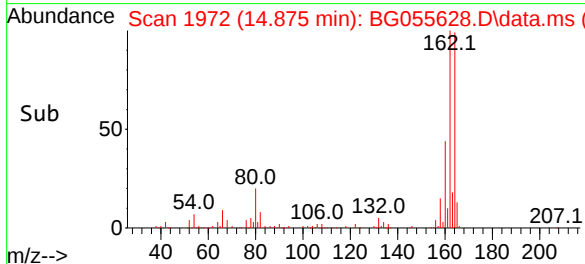
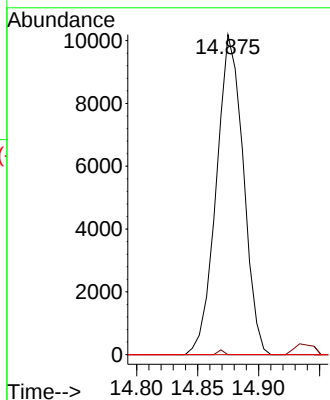
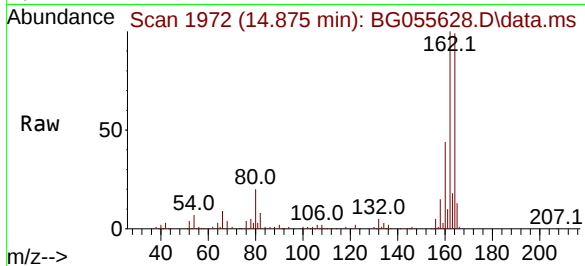




#51
2,6-Dinitrotoluene
Concen: 12.342 ng
RT: 14.875 min Scan# 1900
Delta R.T. 0.427 min
Lab File: BG055628.D
Acq: 15 Nov 2022 19:05

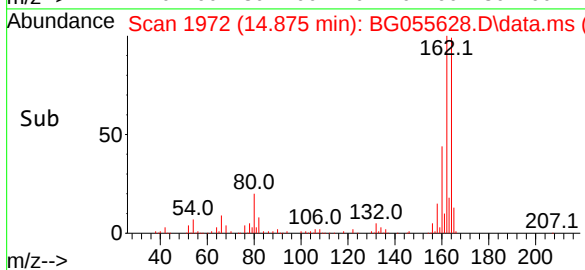
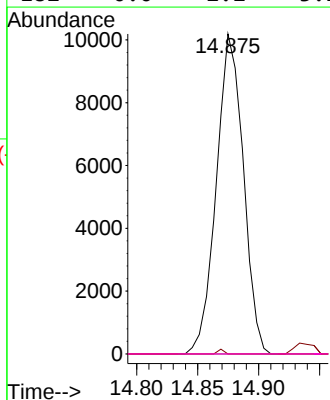
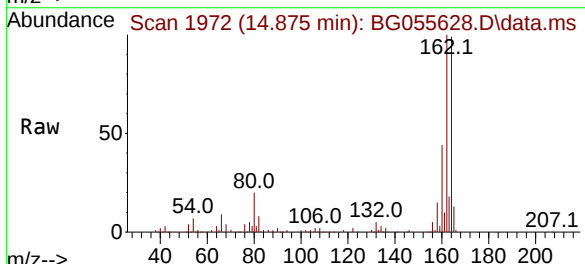
Instrument :
BNA_G
ClientSampleId :
TP-14-B-EAST

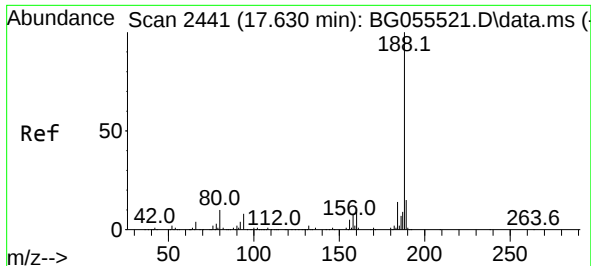
Tgt Ion:165 Resp: 15680
Ion Ratio Lower Upper
165 100
63 0.0 50.1 75.1#
89 0.0 46.5 69.7#



#57
2,4-Dinitrotoluene
Concen: 10.507 ng
RT: 14.875 min Scan# 1972
Delta R.T. -0.354 min
Lab File: BG055628.D
Acq: 15 Nov 2022 19:05

Tgt Ion:165 Resp: 15680
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#

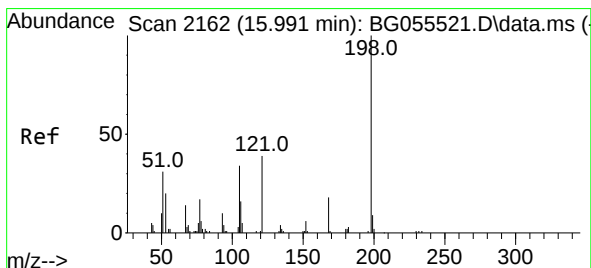
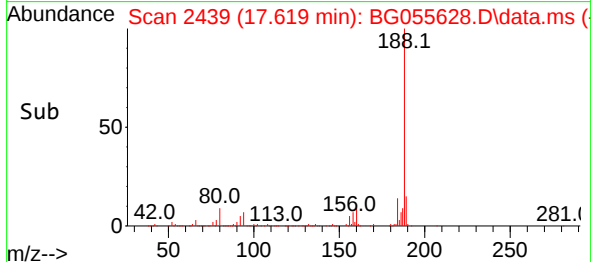
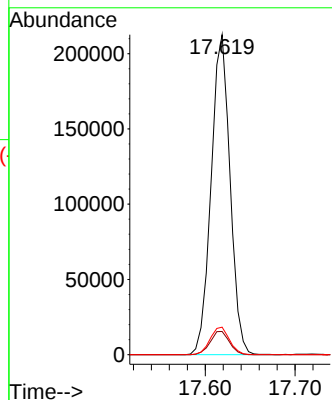
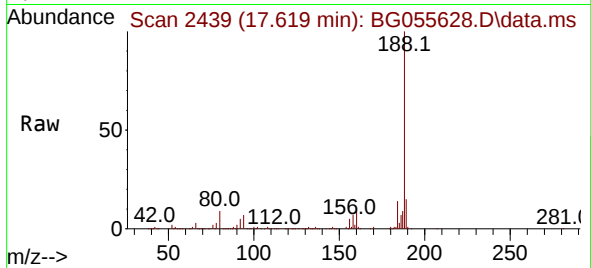




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2441
Delta R.T. -0.002 min
Lab File: BG055628.D
Acq: 15 Nov 2022 19:05

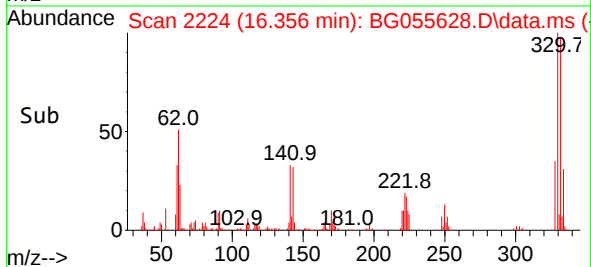
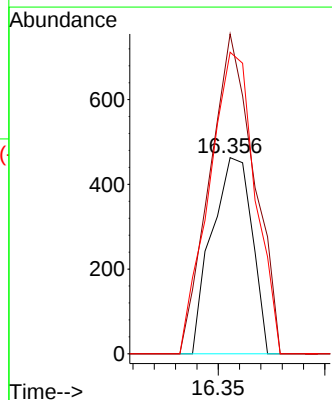
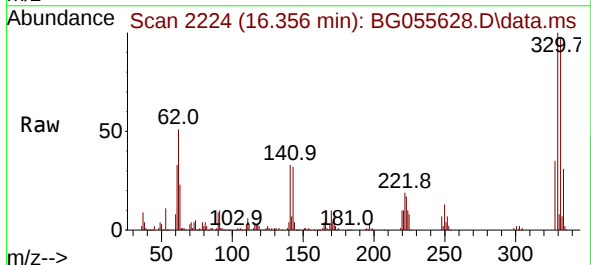
Instrument :
BNA_G
ClientSampleId :
TP-14-B-EAST

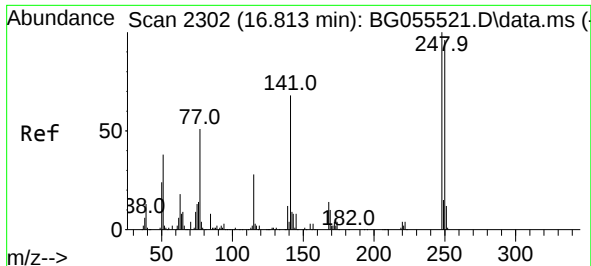
Tgt Ion:188 Resp: 310595
Ion Ratio Lower Upper
188 100
94 7.3 6.4 9.6
80 8.6 7.6 11.4



#65
4,6-Dinitro-2-methylphenol
Concen: 2.704 ng
RT: 16.356 min Scan# 2224
Delta R.T. 0.363 min
Lab File: BG055628.D
Acq: 15 Nov 2022 19:05

Tgt Ion:198 Resp: 607
Ion Ratio Lower Upper
198 100
51 163.1 24.7 64.7#
105 153.8 17.6 57.6#

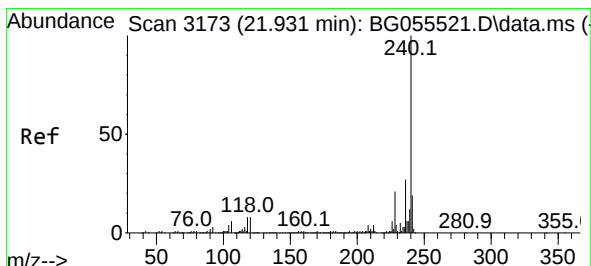
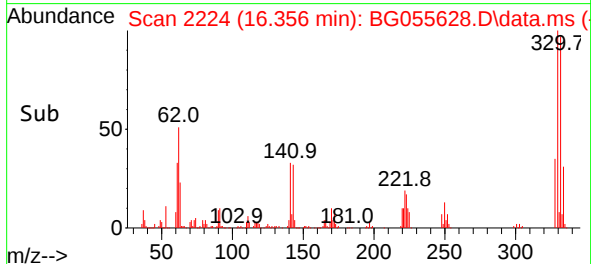
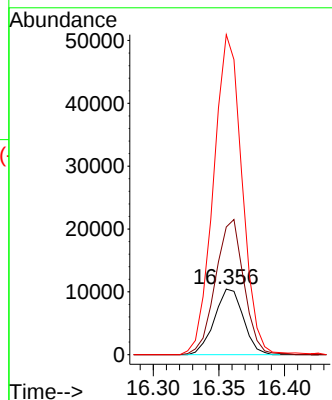
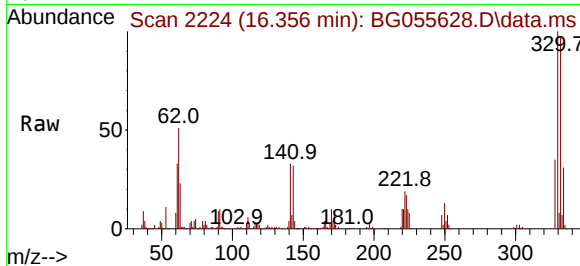




#67
4-Bromophenyl-phenylether
Concen: 5.043 ng
RT: 16.356 min Scan# 21
Delta R.T. -0.448 min
Lab File: BG055628.D
Acq: 15 Nov 2022 19:05

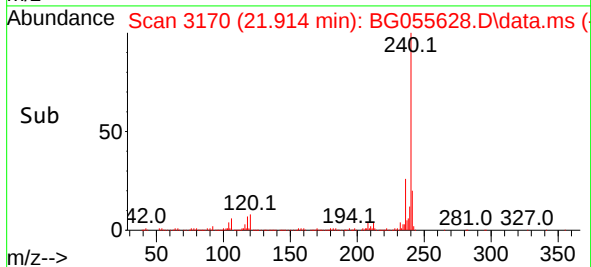
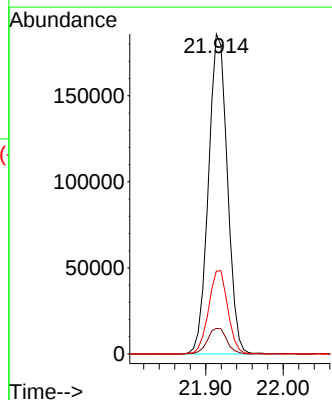
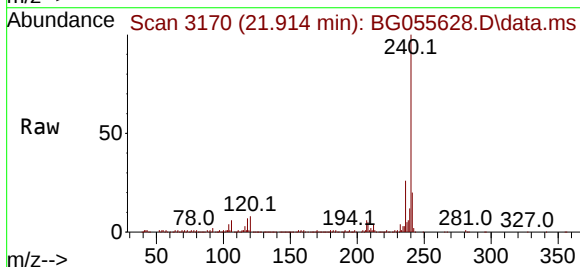
Instrument :
BNA_G
ClientSampleId :
TP-14-B-EAST

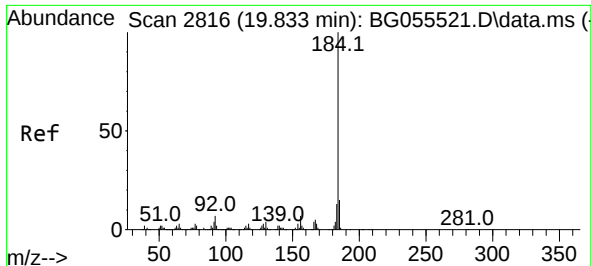
Tgt Ion:248 Resp: 15978
Ion Ratio Lower Upper
248 100
250 194.8 76.9 115.3#
141 488.1 54.3 81.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.914 min Scan# 3170
Delta R.T. -0.007 min
Lab File: BG055628.D
Acq: 15 Nov 2022 19:05

Tgt Ion:240 Resp: 315183
Ion Ratio Lower Upper
240 100
120 8.0 6.1 9.1
236 25.9 21.4 32.0

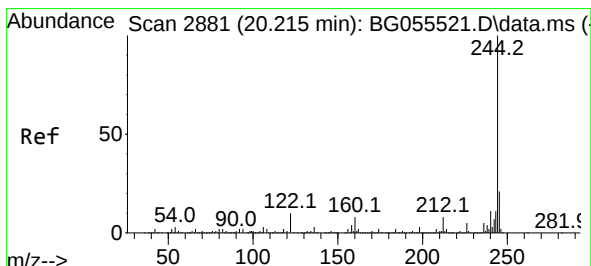
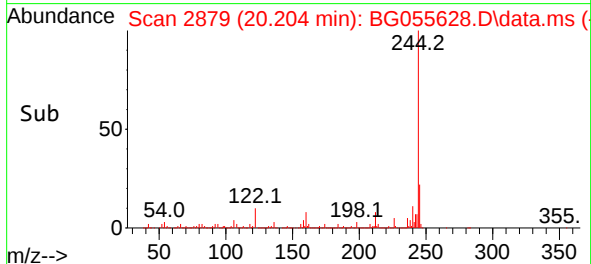
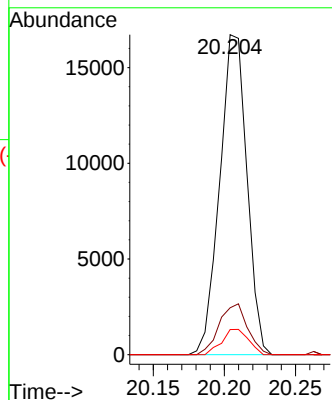
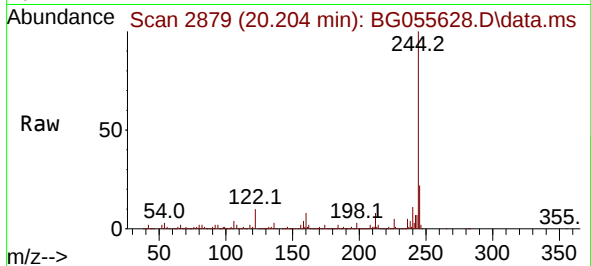




#77
Benzidine
Concen: 2.613 ng
RT: 20.204 min Scan# 21
Delta R.T. 0.374 min
Lab File: BG055628.D
Acq: 15 Nov 2022 19:05

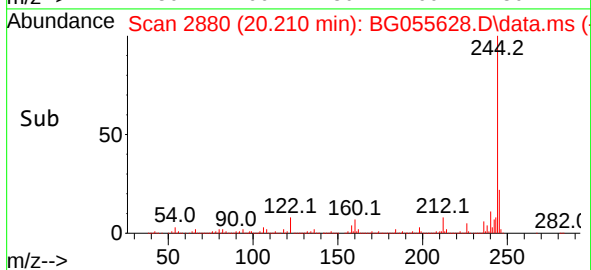
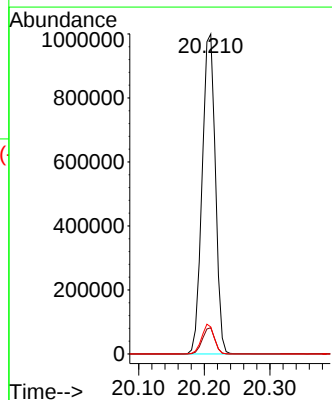
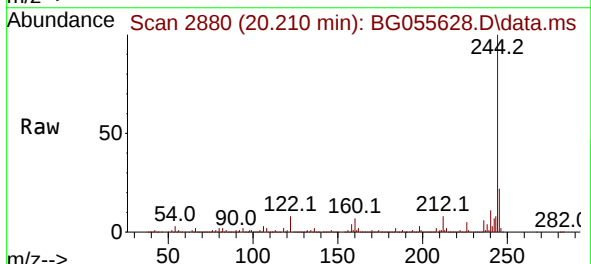
Instrument :
BNA_G
ClientSampleId :
TP-14-B-EAST

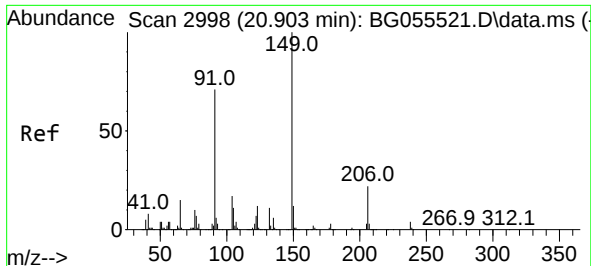
Tgt Ion:184 Resp: 22278
Ion Ratio Lower Upper
184 100
185 14.7 12.0 18.0
183 7.9 10.2 15.2#



#79
Terphenyl-d14
Concen: 89.382 ng
RT: 20.210 min Scan# 2880
Delta R.T. -0.002 min
Lab File: BG055628.D
Acq: 15 Nov 2022 19:05

Tgt Ion:244 Resp: 1402584
Ion Ratio Lower Upper
244 100
212 8.2 6.5 9.7
122 8.5 7.7 11.5

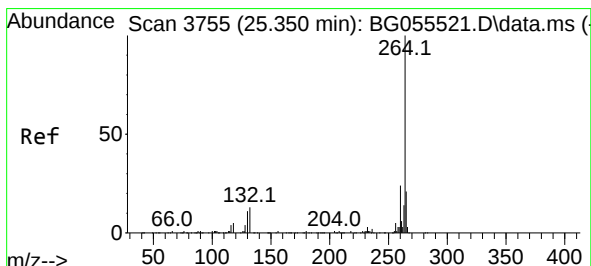
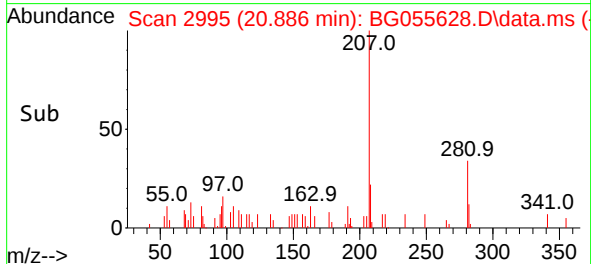
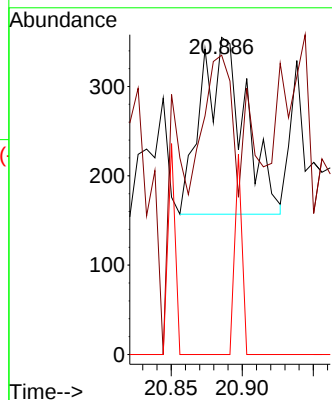
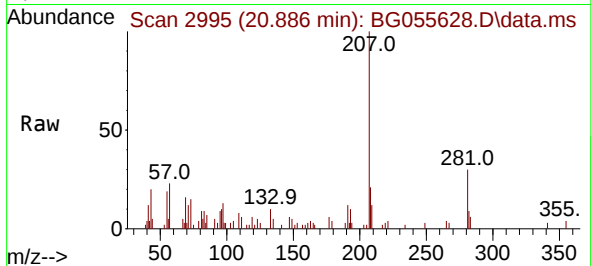




#80
Butylbenzylphthalate
Concen: 3.413 ng
RT: 20.886 min Scan# 2995
Delta R.T. -0.007 min
Lab File: BG055628.D
Acq: 15 Nov 2022 19:05

Instrument :
BNA_G
ClientSampleId :
TP-14-B-EAST

Tgt Ion:149 Resp: 422
Ion Ratio Lower Upper
149 100
91 94.4 56.8 85.2#
206 0.0 17.3 25.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.327 min Scan# 3751
Delta R.T. -0.007 min
Lab File: BG055628.D
Acq: 15 Nov 2022 19:05

Tgt Ion:264 Resp: 328176
Ion Ratio Lower Upper
264 100
260 24.9 19.4 29.2
265 21.9 17.1 25.7

