

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092322\
 Data File : BG055015.D
 Acq On : 23 Sep 2022 16:44
 Operator : CG/JU
 Sample : N4751-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-5

Quant Time: Sep 24 02:28:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG091922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 19 17:41:40 2022
 Response via : Initial Calibration

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

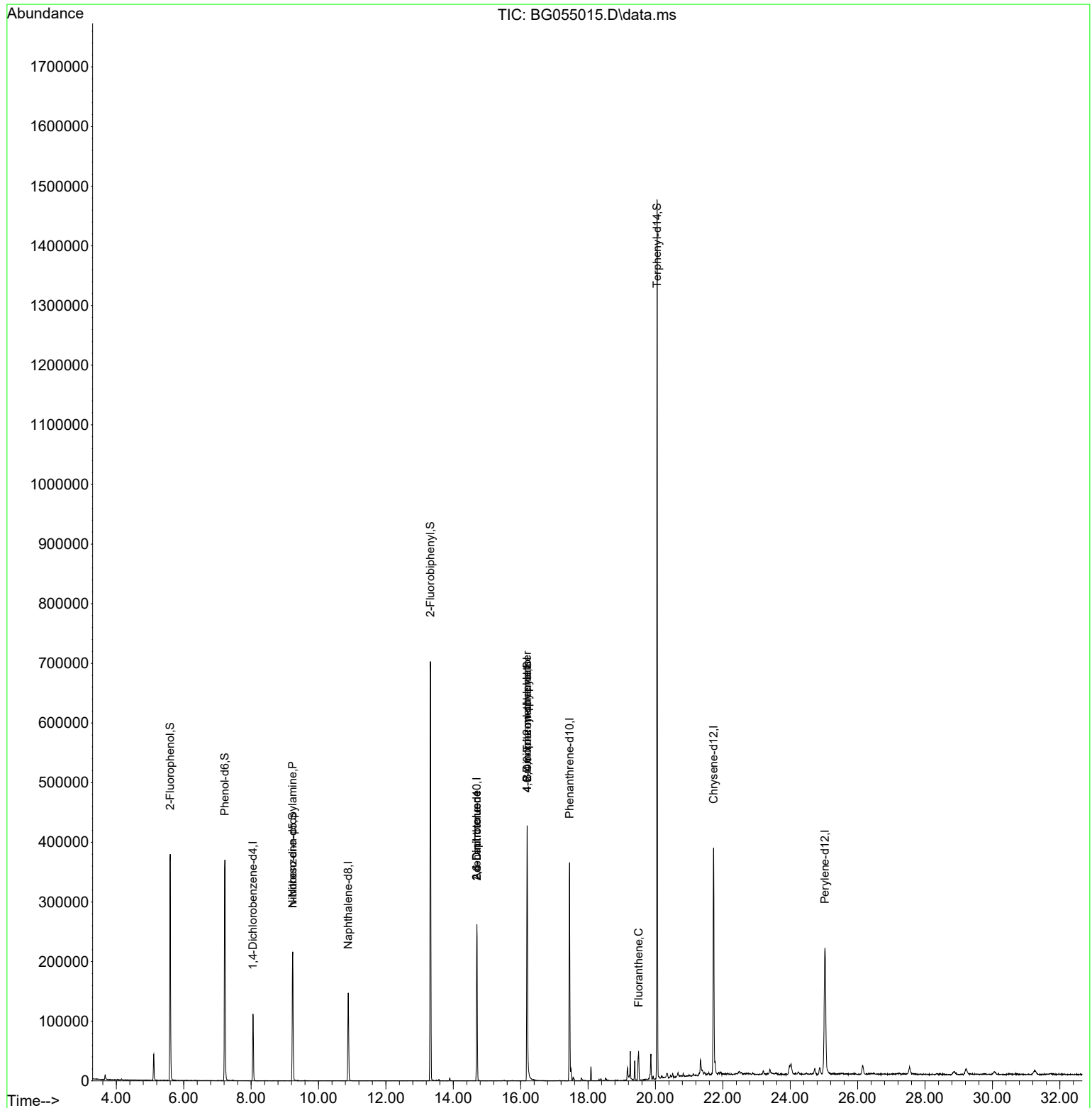
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	36425	20.000	ng	0.00
21) Naphthalene-d8	10.882	136	142568	20.000	ng	# 0.00
39) Acenaphthene-d10	14.701	164	101609	20.000	ng	0.00
64) Phenanthrene-d10	17.450	188	249055	20.000	ng	0.00
76) Chrysene-d12	21.728	240	251479	20.000	ng	0.00
86) Perylene-d12	25.030	264	265370	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.600	112	194421	104.439	ng	0.00
7) Phenol-d6	7.221	99	253844	101.733	ng	0.00
23) Nitrobenzene-d5	9.237	82	145686	59.229	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	115575	97.094	ng	0.00
45) 2-Fluorobiphenyl	13.320	172	405994	62.970	ng	0.00
79) Terphenyl-d14	20.047	244	777697	64.689	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.237	70	17391	10.126	ng	# 77
51) 2,6-Dinitrotoluene	14.701	165	12960	7.922	ng	# 20
57) 2,4-Dinitrotoluene	14.701	165	12960	5.570	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.187	198	53	5.027	ng	# 1
67) 4-Bromophenyl-phenylether	16.187	248	6715	2.445	ng	# 1
75) Fluoranthene	19.501	202	32648	2.032	ng	95

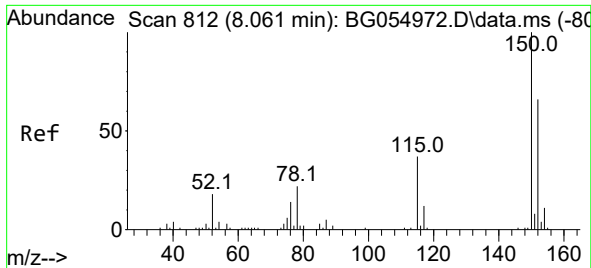
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092322\
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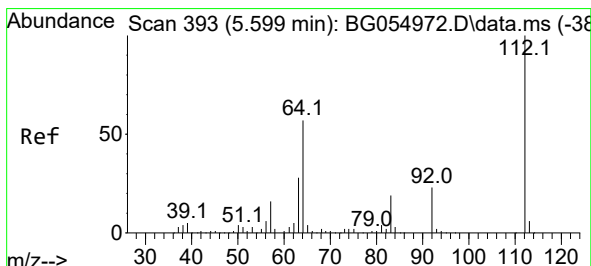
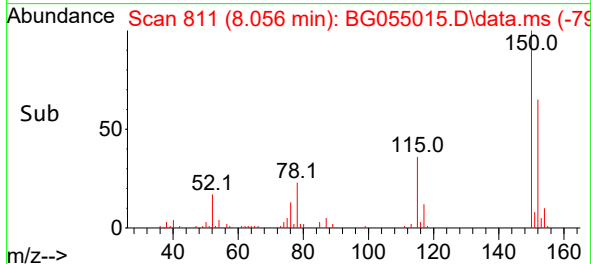
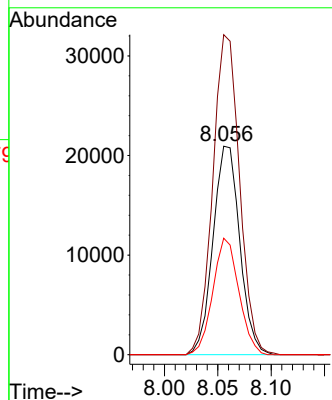
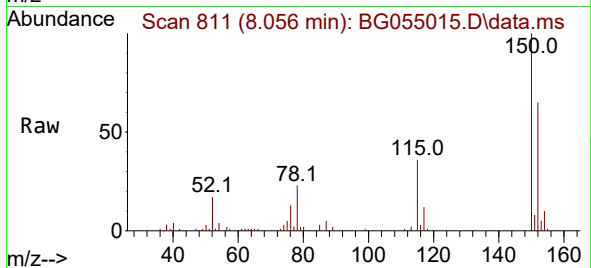




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.056 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG055015.D
Acq: 23 Sep 2022 16:44

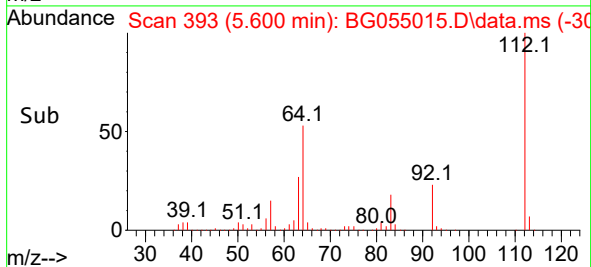
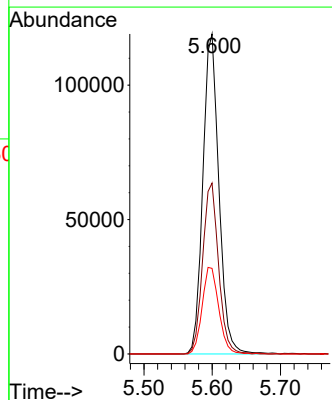
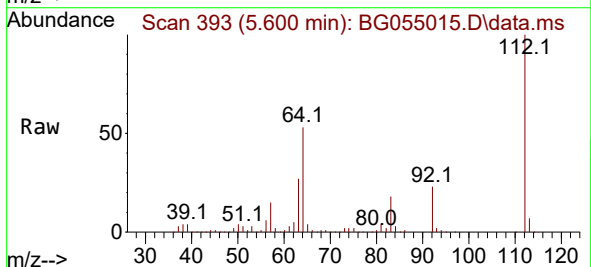
Instrument :
BNA_G
ClientSampleId :
PE-5

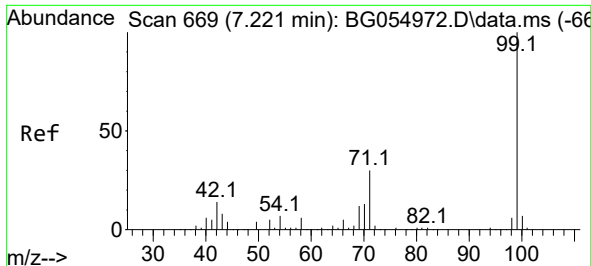
Tgt Ion:152 Resp: 36425
Ion Ratio Lower Upper
152 100
150 153.5 125.2 187.8
115 55.9 47.9 71.9



#5
2-Fluorophenol
Concen: 104.439 ng
RT: 5.600 min Scan# 393
Delta R.T. 0.001 min
Lab File: BG055015.D
Acq: 23 Sep 2022 16:44

Tgt Ion:112 Resp: 194421
Ion Ratio Lower Upper
112 100
64 53.4 49.3 73.9
63 26.8 26.3 39.5

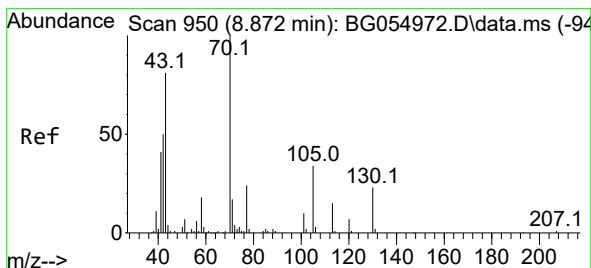
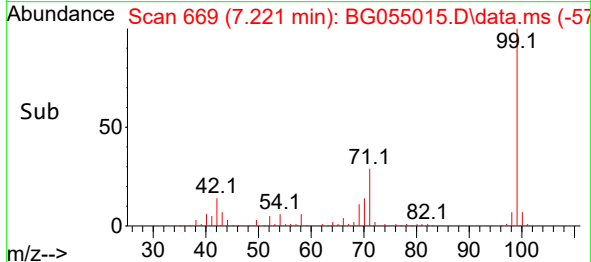
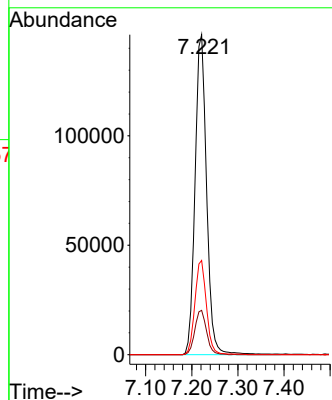
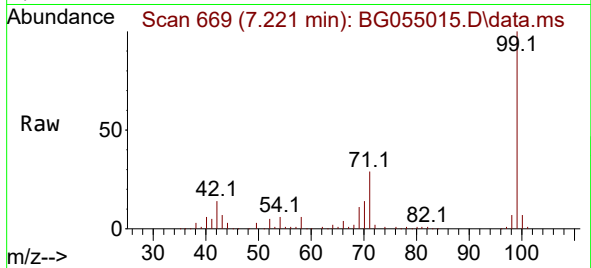




#7
Phenol-d6
Concen: 101.733 ng
RT: 7.221 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG055015.D
Acq: 23 Sep 2022 16:44

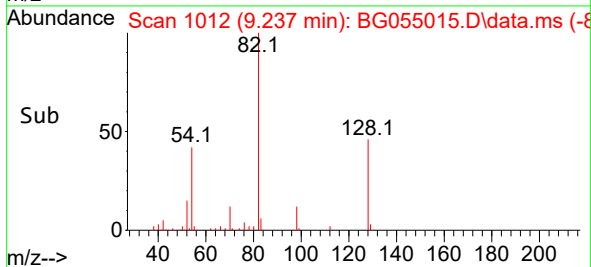
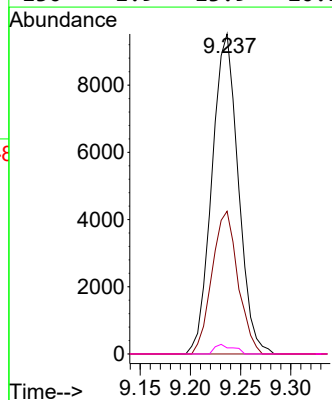
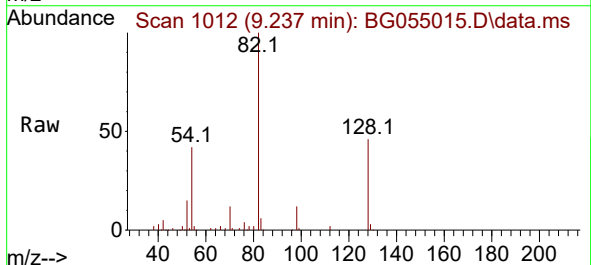
Instrument :
BNA_G
ClientSampleId :
PE-5

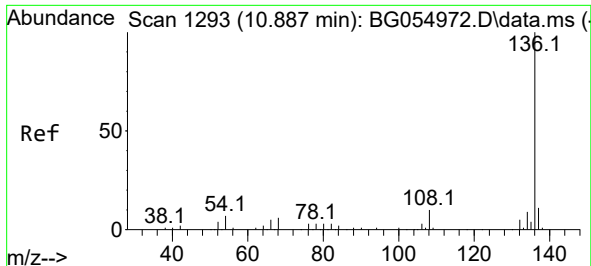
Tgt Ion: 99 Resp: 253844
Ion Ratio Lower Upper
99 100
42 13.8 14.6 22.0#
71 29.4 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 10.126 ng
RT: 9.237 min Scan# 1012
Delta R.T. 0.365 min
Lab File: BG055015.D
Acq: 23 Sep 2022 16:44

Tgt Ion: 70 Resp: 17391
Ion Ratio Lower Upper
70 100
42 44.6 46.6 69.8#
101 0.0 7.7 11.5#
130 1.9 13.9 20.9#

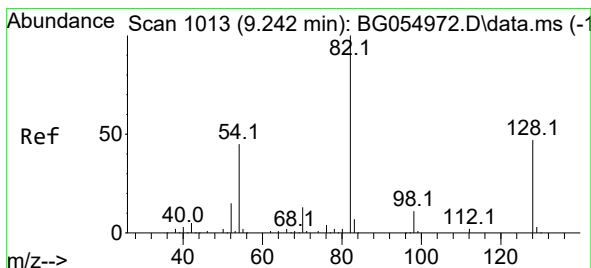
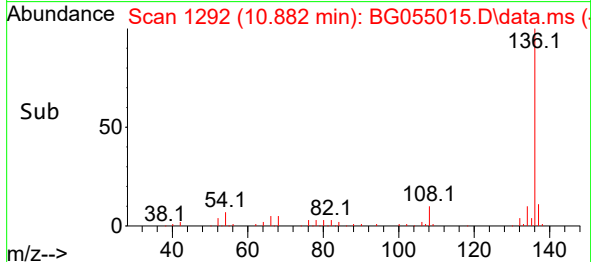
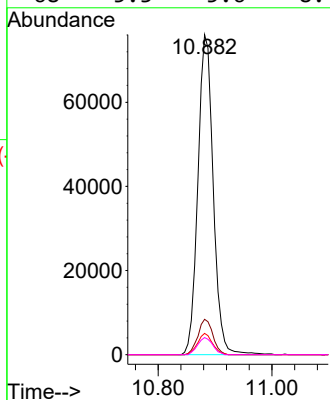
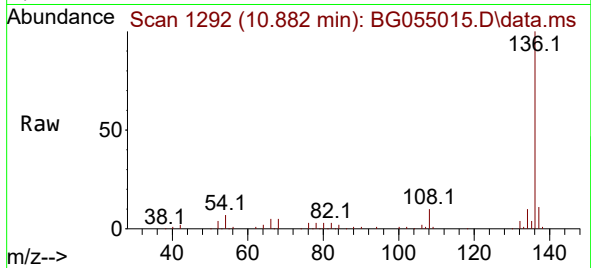




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.882 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055015.D
Acq: 23 Sep 2022 16:44

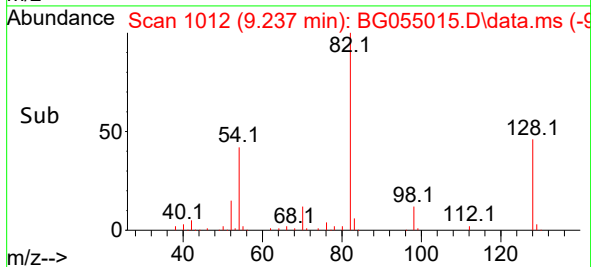
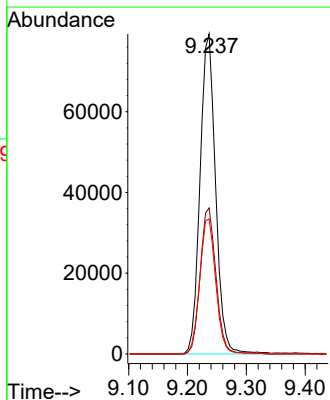
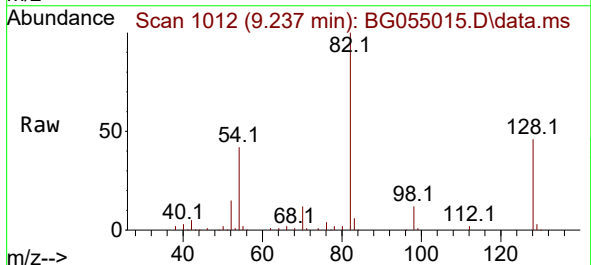
Instrument :
BNA_G
ClientSampleId :
PE-5

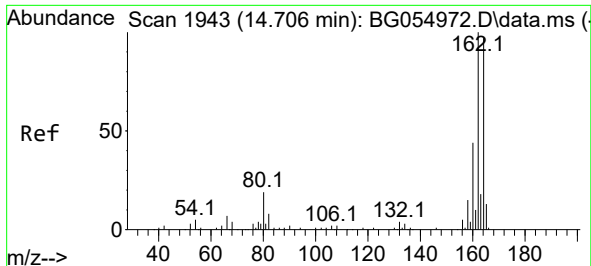
Tgt Ion:	136	Resp:	142568
Ion Ratio	Lower	Upper	
136	100		
137	11.0	9.2	13.8
54	6.6	7.7	11.5#
68	5.3	5.6	8.4#



#23
Nitrobenzene-d5
Concen: 59.229 ng
RT: 9.237 min Scan# 1012
Delta R.T. -0.005 min
Lab File: BG055015.D
Acq: 23 Sep 2022 16:44

Tgt Ion:	82	Resp:	145686
Ion Ratio	Lower	Upper	
82	100		
128	45.6	32.2	48.2
54	42.2	41.4	62.0

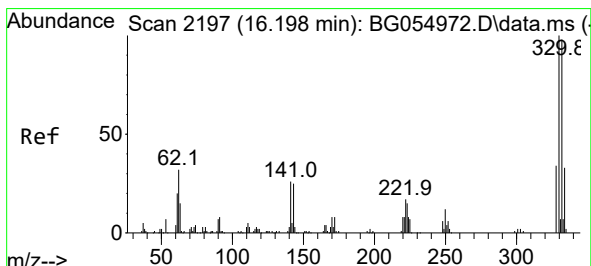
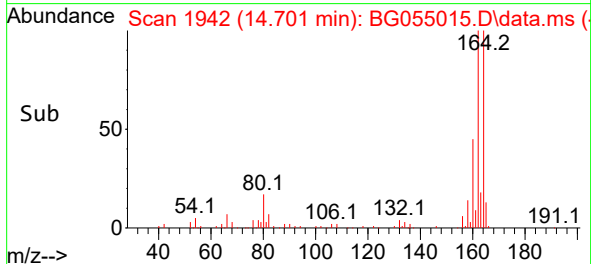
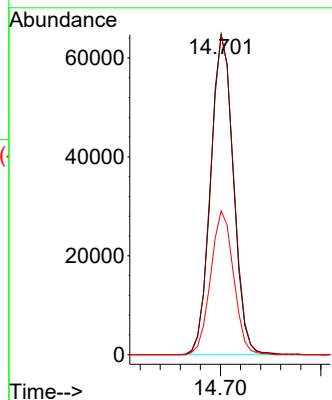
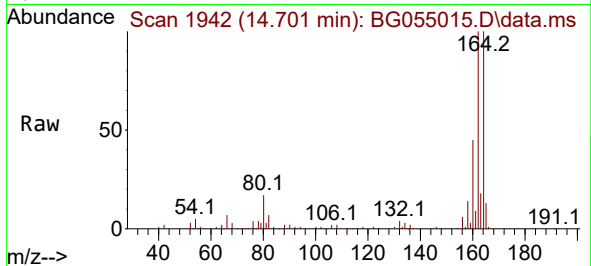




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.701 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BG055015.D
Acq: 23 Sep 2022 16:44

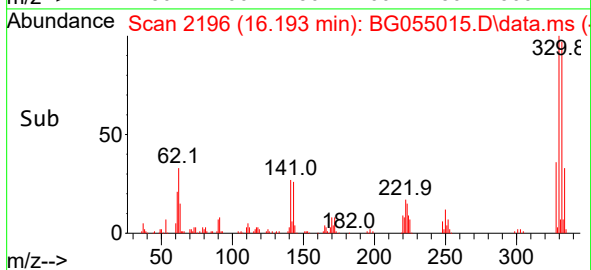
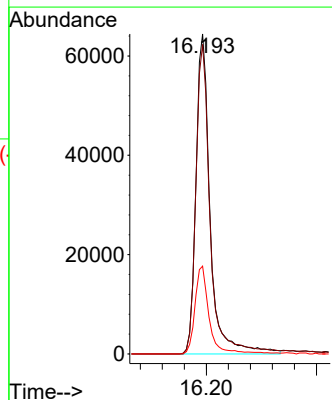
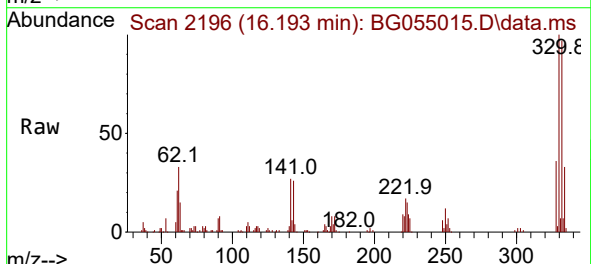
Instrument :
BNA_G
ClientSampleId :
PE-5

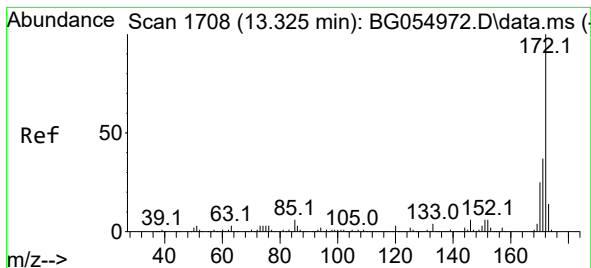
Tgt Ion:164 Resp: 101609
Ion Ratio Lower Upper
164 100
162 100.0 83.0 124.4
160 45.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 97.094 ng
RT: 16.193 min Scan# 2196
Delta R.T. -0.005 min
Lab File: BG055015.D
Acq: 23 Sep 2022 16:44

Tgt Ion:330 Resp: 115575
Ion Ratio Lower Upper
330 100
332 97.3 79.8 119.6
141 27.6 26.8 40.2





#45

2-Fluorobiphenyl

Concen: 62.970 ng

RT: 13.320 min Scan# 1

Delta R.T. -0.005 min

Lab File: BG055015.D

Acq: 23 Sep 2022 16:44

Instrument :

BNA_G

ClientSampleId :

PE-5

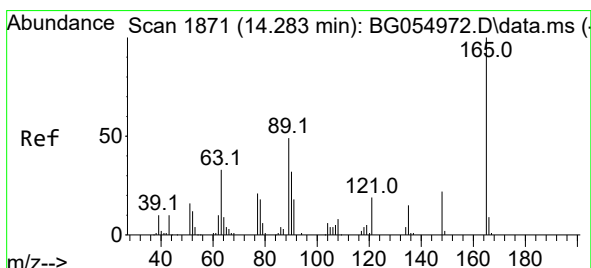
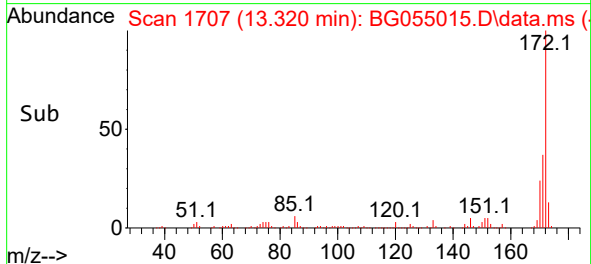
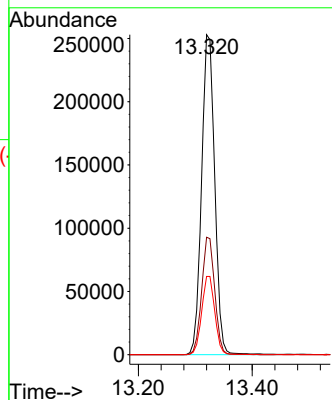
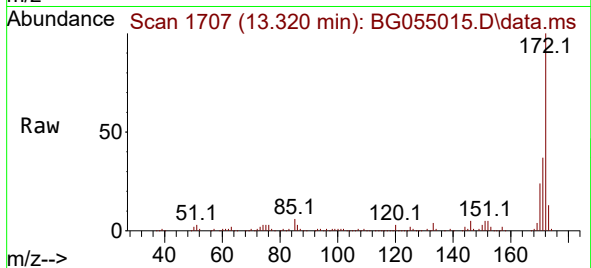
Tgt Ion:172 Resp: 405994

Ion Ratio Lower Upper

172 100

171 36.7 31.2 46.8

170 24.4 20.6 30.8



#51

2,6-Dinitrotoluene

Concen: 7.922 ng

RT: 14.701 min Scan# 1942

Delta R.T. 0.418 min

Lab File: BG055015.D

Acq: 23 Sep 2022 16:44

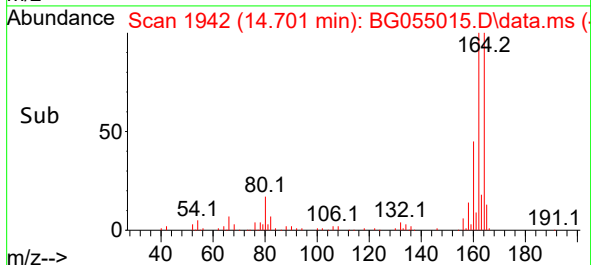
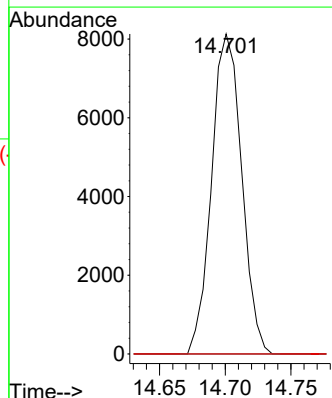
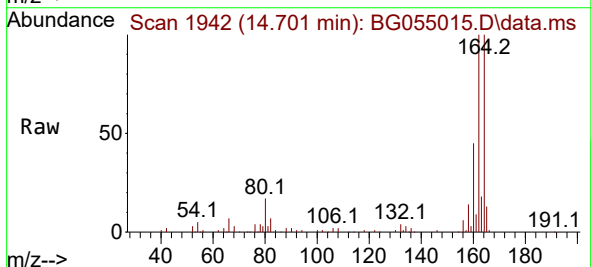
Tgt Ion:165 Resp: 12960

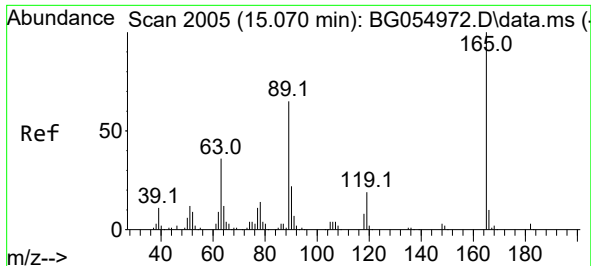
Ion Ratio Lower Upper

165 100

63 0.0 46.0 69.0#

89 0.0 50.3 75.5#





#57

2,4-Dinitrotoluene

Concen: 5.570 ng

RT: 14.701 min Scan# 1942

Delta R.T. -0.369 min

Lab File: BG055015.D

Acq: 23 Sep 2022 16:44

Instrument :

BNA_G

ClientSampleId :

PE-5

Tgt Ion:165 Resp: 12960

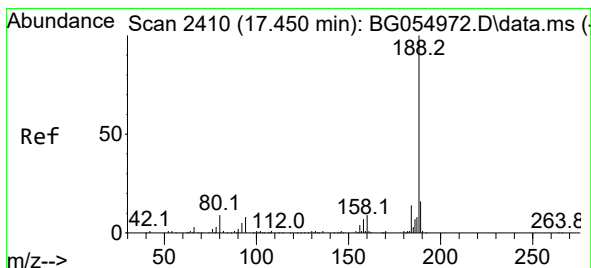
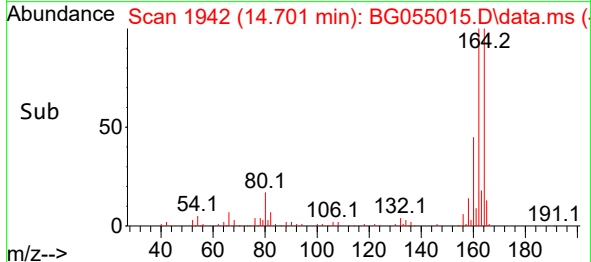
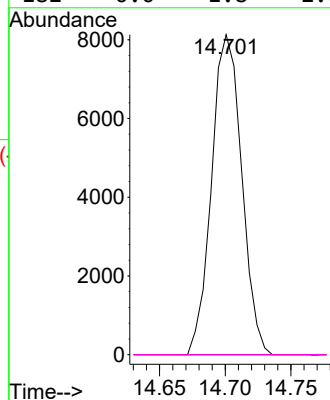
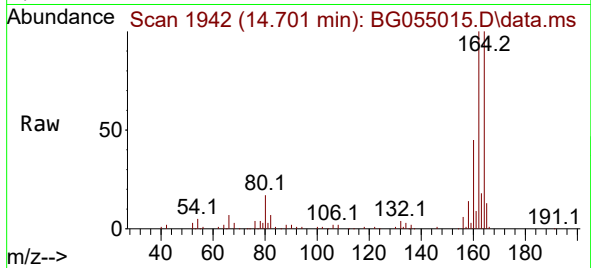
Ion Ratio Lower Upper

165 100

63 0.0 36.8 55.2#

89 0.0 64.3 96.5#

182 0.0 1.8 2.6#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.450 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BG055015.D

Acq: 23 Sep 2022 16:44

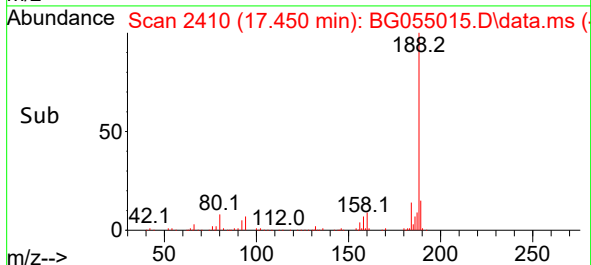
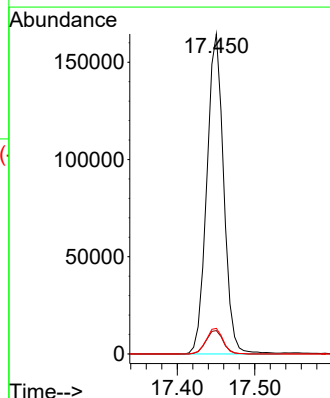
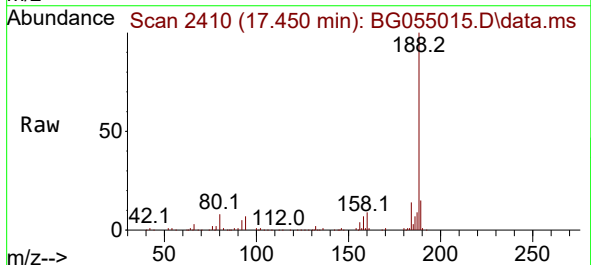
Tgt Ion:188 Resp: 249055

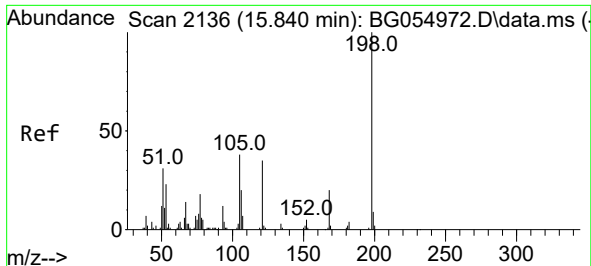
Ion Ratio Lower Upper

188 100

94 7.3 7.0 10.4

80 8.0 7.9 11.9

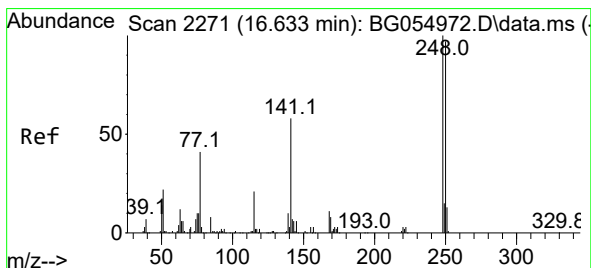
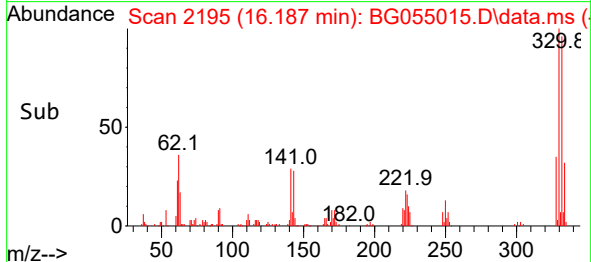
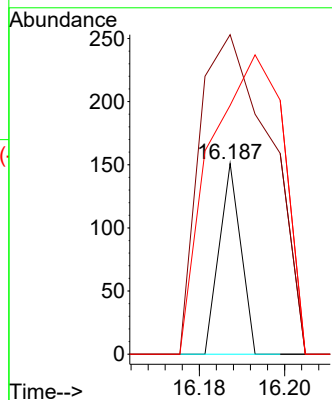
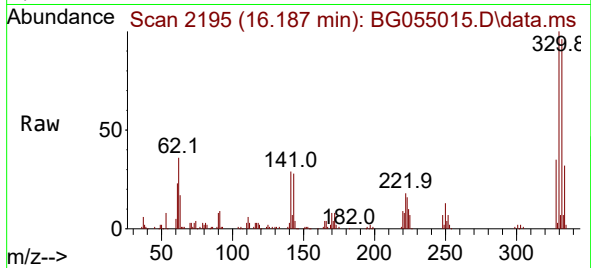




#65
4,6-Dinitro-2-methylphenol
Concen: 5.027 ng
RT: 16.187 min Scan# 2136
Delta R.T. 0.347 min
Lab File: BG055015.D
Acq: 23 Sep 2022 16:44

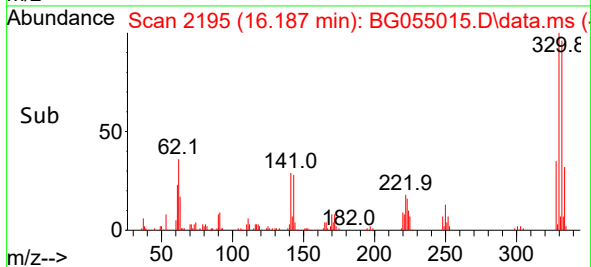
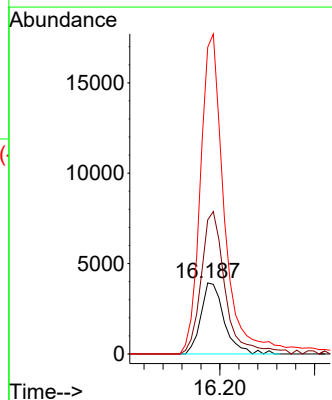
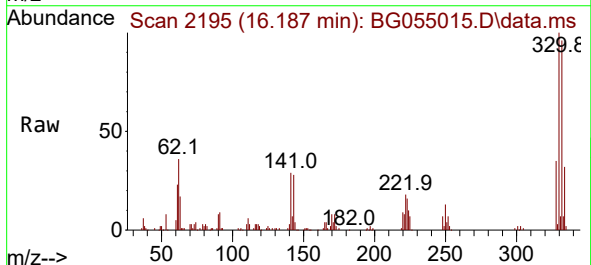
Instrument :
BNA_G
ClientSampleId :
PE-5

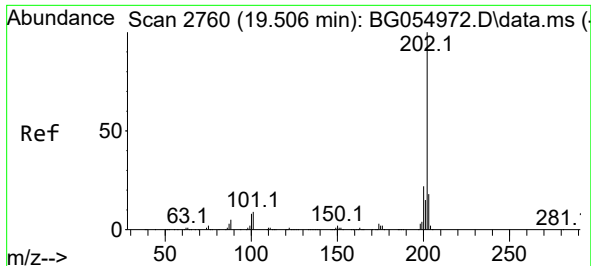
Tgt Ion:198 Resp: 53
Ion Ratio Lower Upper
198 100
51 167.5 19.9 59.9#
105 130.5 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 2.445 ng
RT: 16.187 min Scan# 2195
Delta R.T. -0.446 min
Lab File: BG055015.D
Acq: 23 Sep 2022 16:44

Tgt Ion:248 Resp: 6715
Ion Ratio Lower Upper
248 100
250 188.4 78.8 118.2#
141 431.2 51.9 77.9#

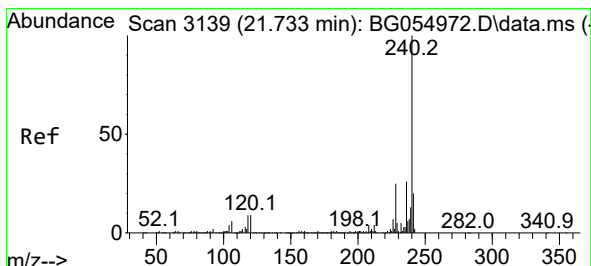
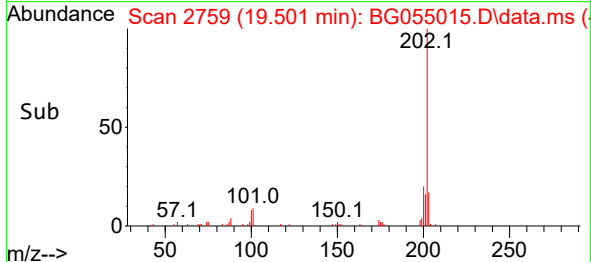
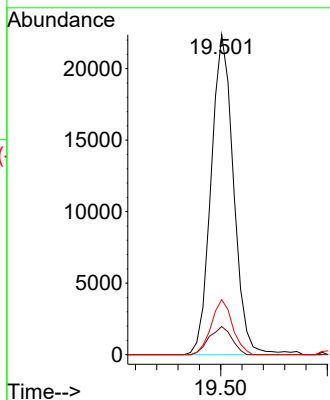
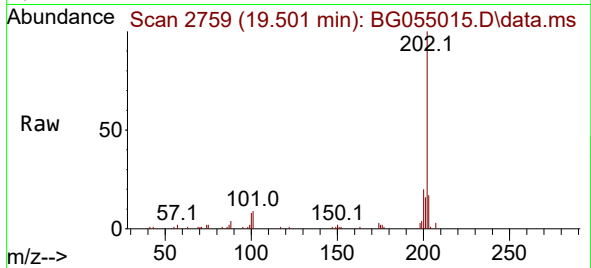




#75
Fluoranthene
Concen: 2.032 ng
RT: 19.501 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG055015.D
Acq: 23 Sep 2022 16:44

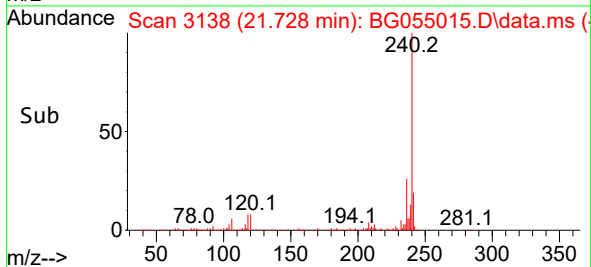
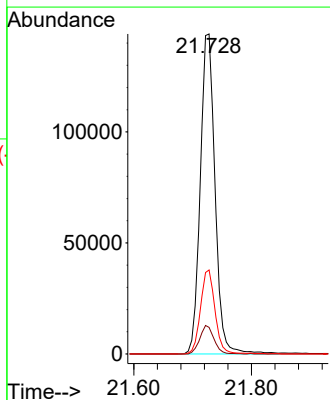
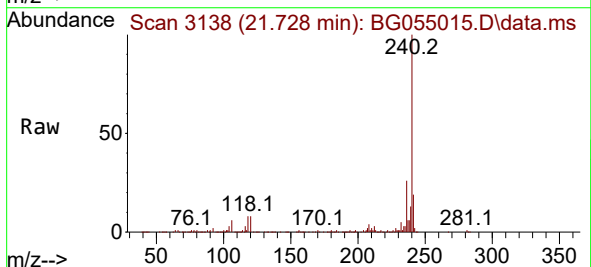
Instrument :
BNA_G
ClientSampleId :
PE-5

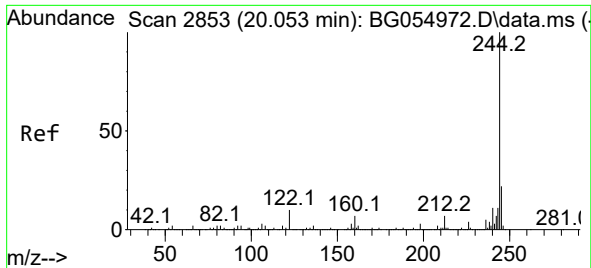
Tgt Ion:202 Resp: 32648
Ion Ratio Lower Upper
202 100
101 8.8 0.0 31.4
203 17.2 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.728 min Scan# 3138
Delta R.T. -0.005 min
Lab File: BG055015.D
Acq: 23 Sep 2022 16:44

Tgt Ion:240 Resp: 251479
Ion Ratio Lower Upper
240 100
120 8.3 8.2 12.4
236 26.3 21.2 31.8

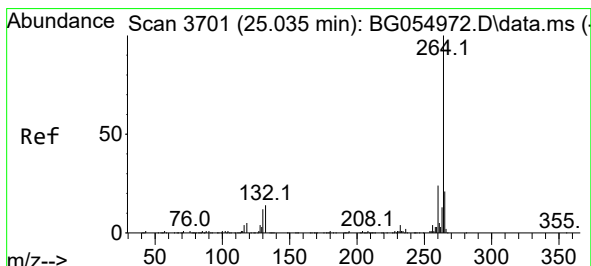
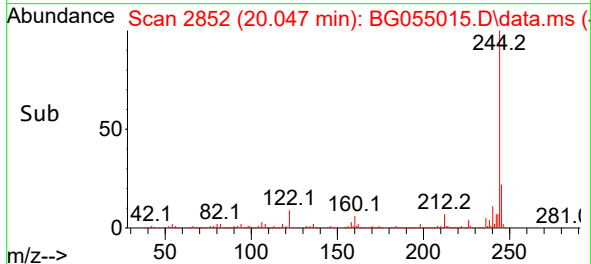
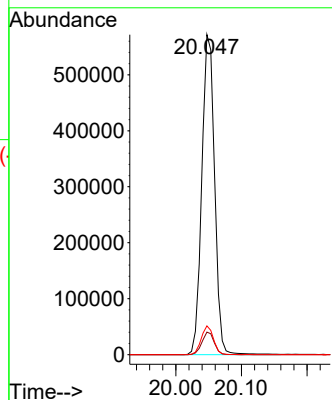
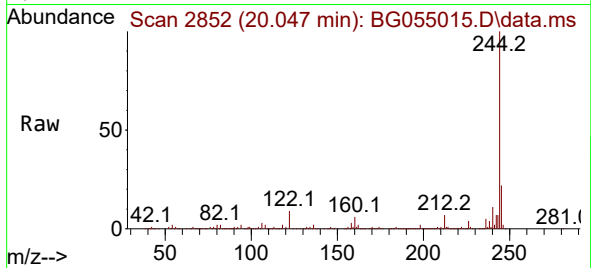




#79
 Terphenyl-d14
 Concen: 64.689 ng
 RT: 20.047 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: BG055015.D
 Acq: 23 Sep 2022 16:44

Instrument :
 BNA_G
 ClientSampleId :
 PE-5

Tgt Ion:244 Resp: 777697
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.2 9.2
 122 9.0 9.0 13.6#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.030 min Scan# 3700
 Delta R.T. -0.005 min
 Lab File: BG055015.D
 Acq: 23 Sep 2022 16:44

Tgt Ion:264 Resp: 265370
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.9 29.9
 265 21.7 16.9 25.3

