

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092322\
 Data File : BG055016.D
 Acq On : 23 Sep 2022 17:26
 Operator : CG/JU
 Sample : N4751-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-1

Quant Time: Sep 24 02:28:22 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)

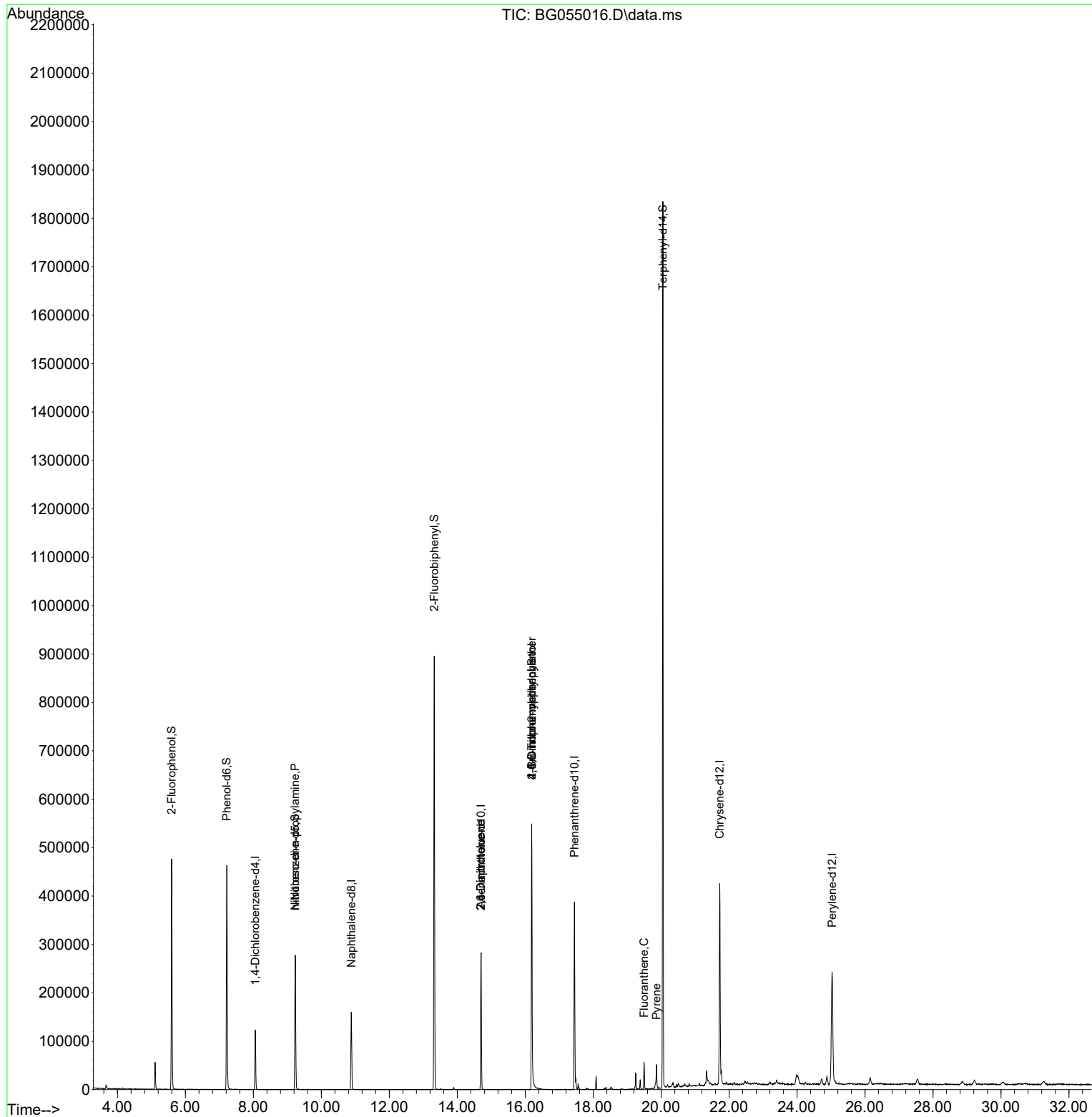
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	38948	20.000	ng	0.00
21) Naphthalene-d8	10.885	136	153423	20.000	ng	# 0.00
39) Acenaphthene-d10	14.704	164	110315	20.000	ng	0.00
64) Phenanthrene-d10	17.448	188	260264	20.000	ng	# 0.00
76) Chrysene-d12	21.725	240	259981	20.000	ng	0.00
86) Perylene-d12	25.033	264	273641	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.597	112	239358	120.249	ng	0.00
7) Phenol-d6	7.219	99	312909	117.281	ng	0.00
23) Nitrobenzene-d5	9.234	82	178948	67.605	ng	0.00
42) 2,4,6-Tribromophenol	16.190	330	145572	112.642	ng	0.00
45) 2-Fluorobiphenyl	13.323	172	501460	71.639	ng	0.00
79) Terphenyl-d14	20.051	244	927927	74.661	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.234	70	22135	12.054	ng	# 74
51) 2,6-Dinitrotoluene	14.698	165	14363	8.087	ng	# 20
57) 2,4-Dinitrotoluene	14.698	165	14363	5.685	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.190	198	226	5.142	ng	# 1
67) 4-Bromophenyl-phenylether	16.190	248	8699	3.031	ng	# 1
75) Fluoranthene	19.498	202	38578	2.298	ng	95
78) Pyrene	19.863	202	34329	2.009	ng	96

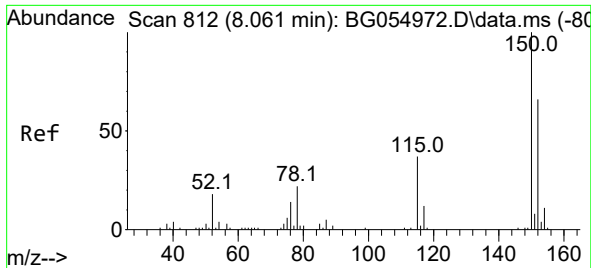
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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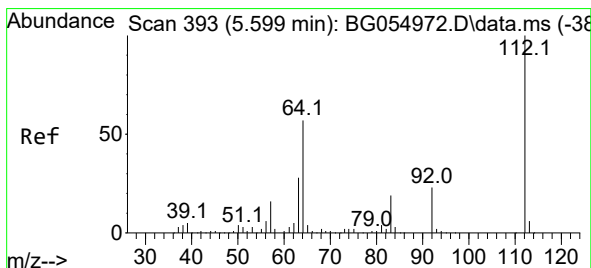
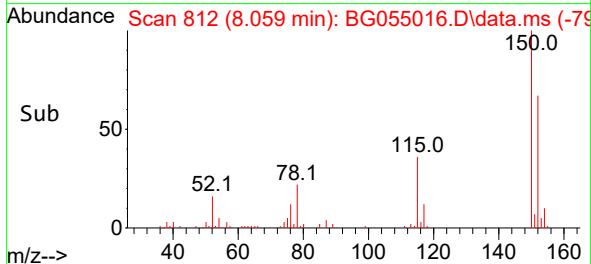
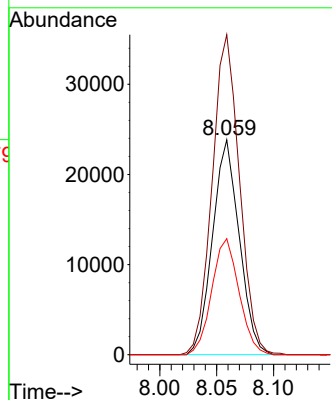
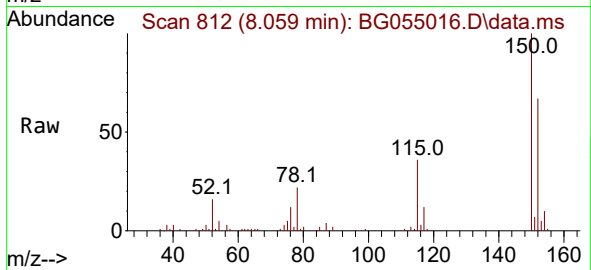




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.059 min Scan# 812
Delta R.T. -0.002 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

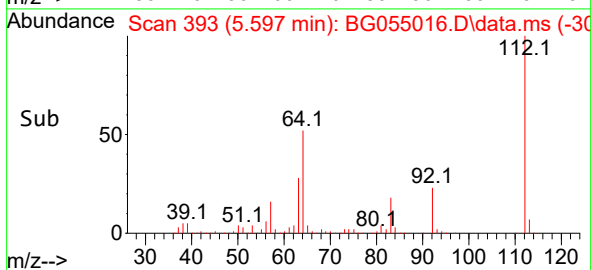
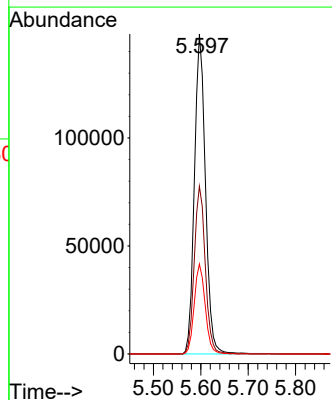
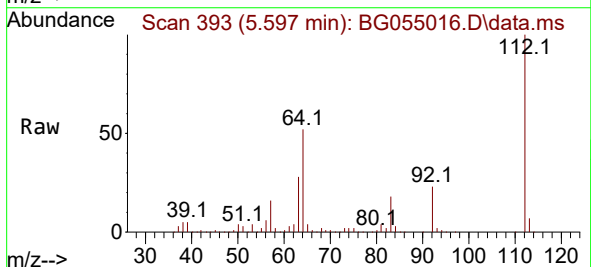
Instrument :
BNA_G
ClientSampleId :
PE-1

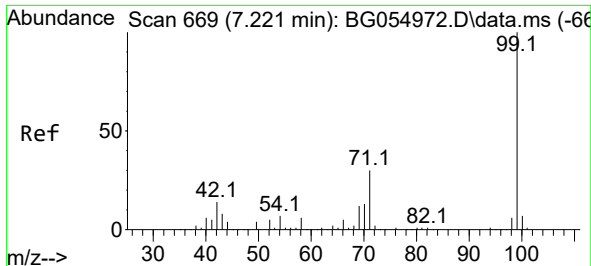
Tgt Ion:152 Resp: 38948
Ion Ratio Lower Upper
152 100
150 149.0 125.2 187.8
115 54.0 47.9 71.9



#5
2-Fluorophenol
Concen: 120.249 ng
RT: 5.597 min Scan# 393
Delta R.T. -0.002 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

Tgt Ion:112 Resp: 239358
Ion Ratio Lower Upper
112 100
64 52.4 49.3 73.9
63 28.1 26.3 39.5

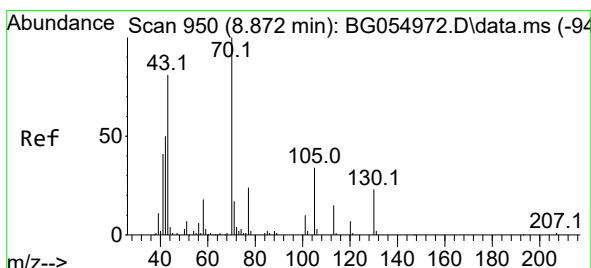
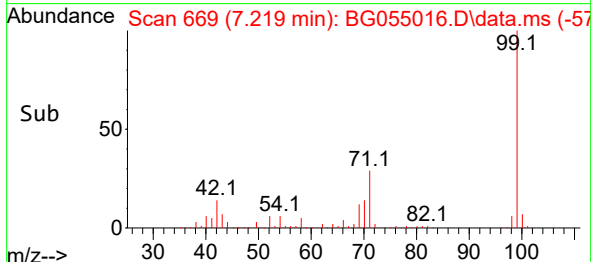
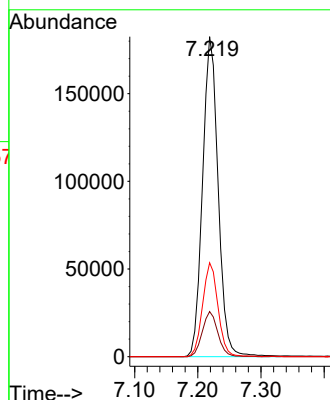
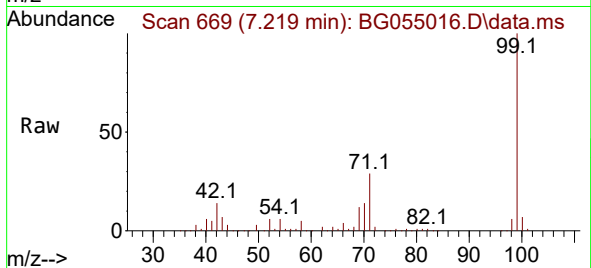




#7
Phenol-d6
Concen: 117.281 ng
RT: 7.219 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

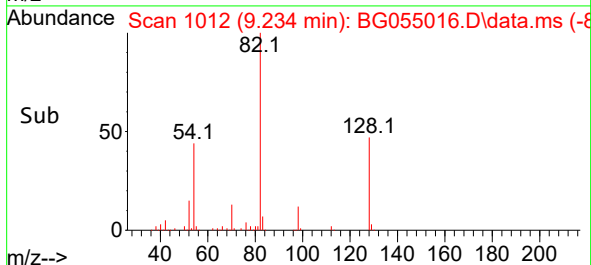
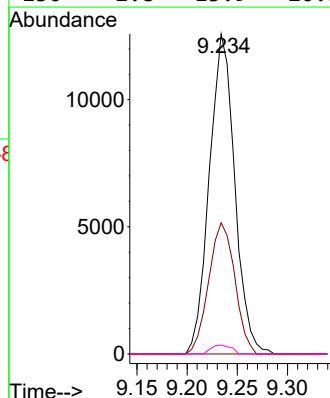
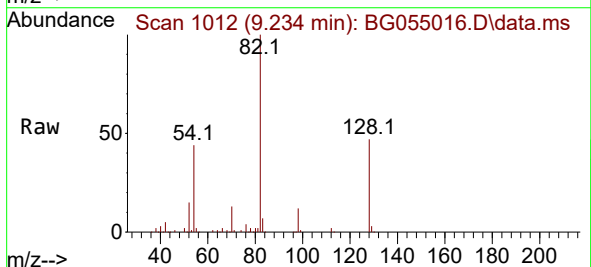
Instrument :
BNA_G
ClientSampleId :
PE-1

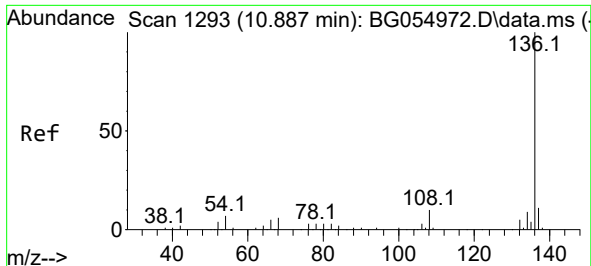
Tgt Ion: 99 Resp: 312909
Ion Ratio Lower Upper
99 100
42 14.1 14.6 22.0#
71 29.3 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.054 ng
RT: 9.234 min Scan# 1012
Delta R.T. 0.362 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

Tgt Ion: 70 Resp: 22135
Ion Ratio Lower Upper
70 100
42 41.0 46.6 69.8#
101 0.0 7.7 11.5#
130 2.8 13.9 20.9#

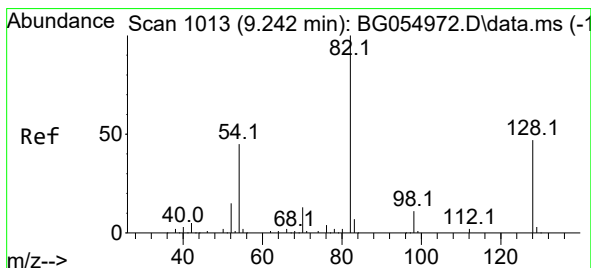
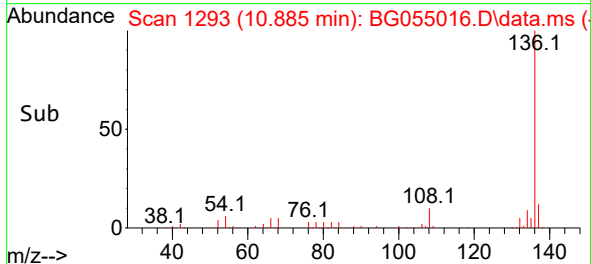
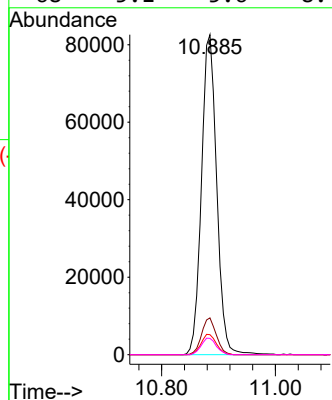
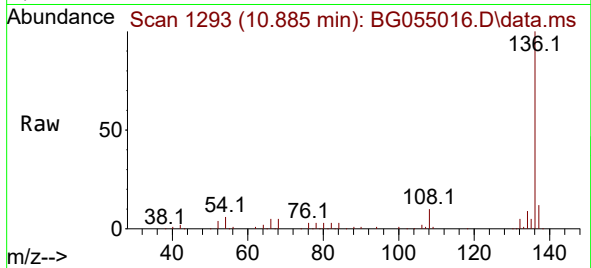




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.885 min Scan# 11
Delta R.T. -0.002 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

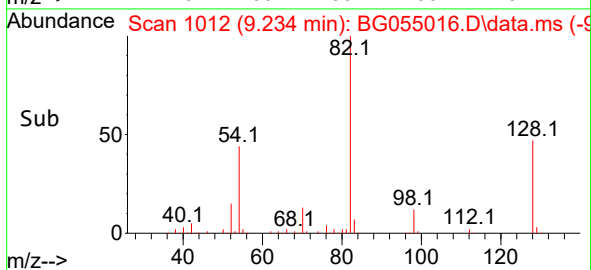
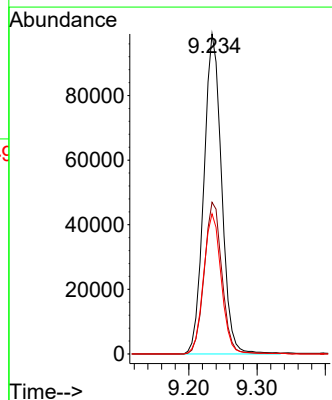
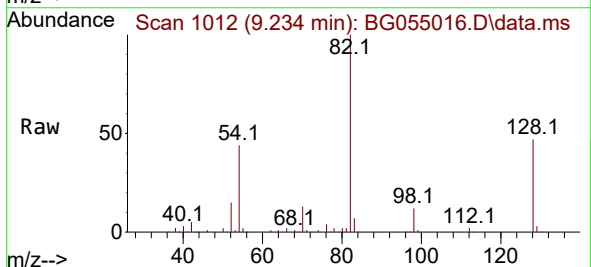
Instrument :
BNA_G
ClientSampleId :
PE-1

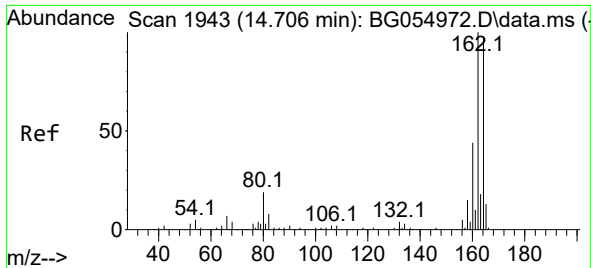
Tgt Ion:136 Resp: 153423
Ion Ratio Lower Upper
136 100
137 11.5 9.2 13.8
54 6.2 7.7 11.5#
68 5.1 5.6 8.4#



#23
Nitrobenzene-d5
Concen: 67.605 ng
RT: 9.234 min Scan# 1012
Delta R.T. -0.008 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

Tgt Ion: 82 Resp: 178948
Ion Ratio Lower Upper
82 100
128 47.4 32.2 48.2
54 43.8 41.4 62.0

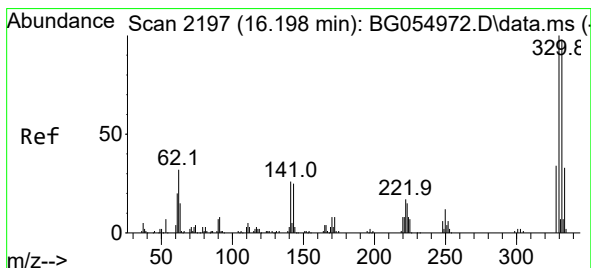
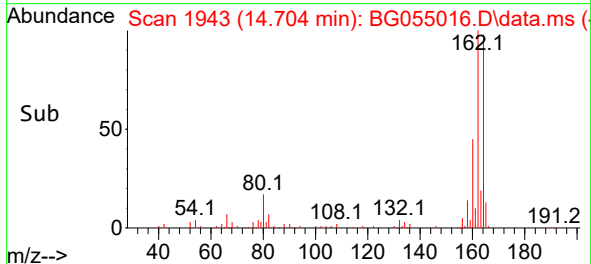
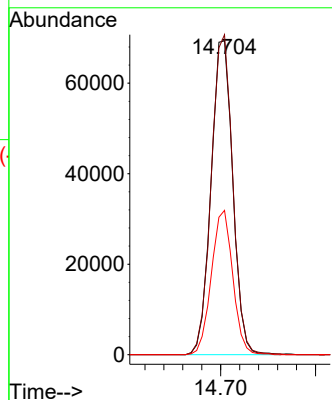
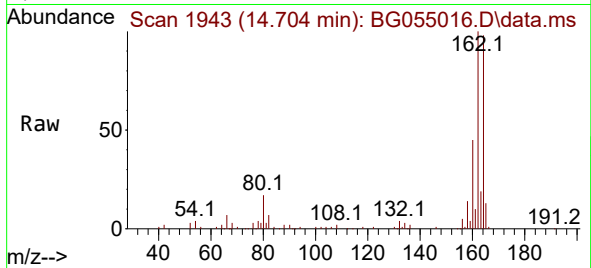




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.704 min Scan# 1943
Delta R.T. -0.002 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

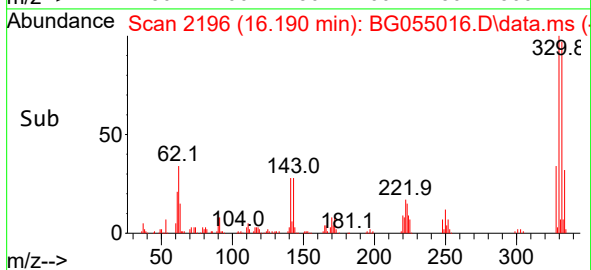
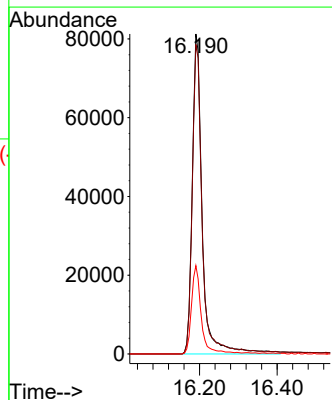
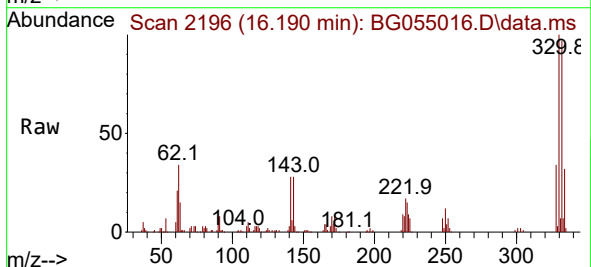
Instrument :
BNA_G
ClientSampleId :
PE-1

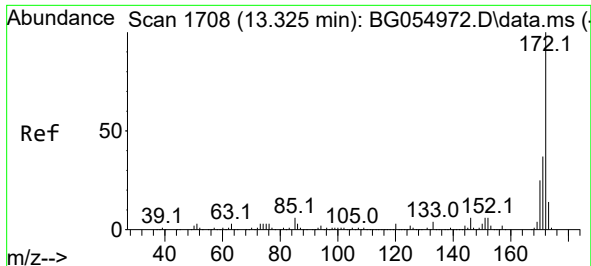
Tgt Ion:164 Resp: 110315
Ion Ratio Lower Upper
164 100
162 102.0 83.0 124.4
160 46.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 112.642 ng
RT: 16.190 min Scan# 2196
Delta R.T. -0.008 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

Tgt Ion:330 Resp: 145572
Ion Ratio Lower Upper
330 100
332 93.9 79.8 119.6
141 27.0 26.8 40.2

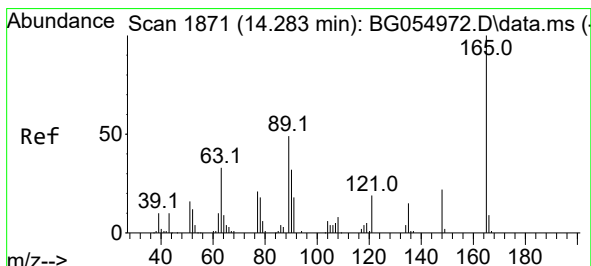
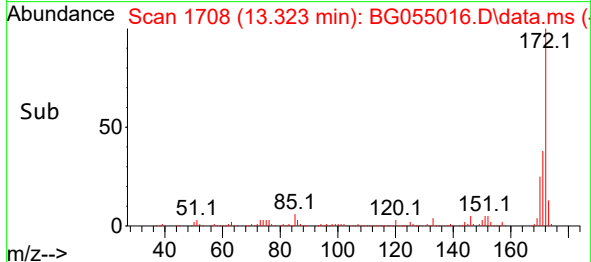
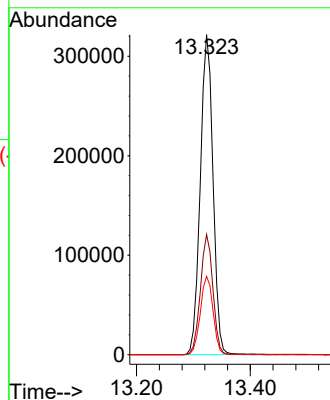
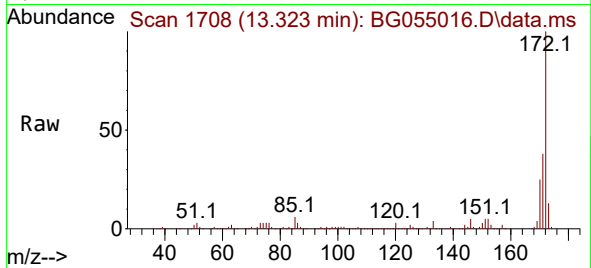




#45
 2-Fluorobiphenyl
 Concen: 71.639 ng
 RT: 13.323 min Scan# 11
 Delta R.T. -0.002 min
 Lab File: BG055016.D
 Acq: 23 Sep 2022 17:26

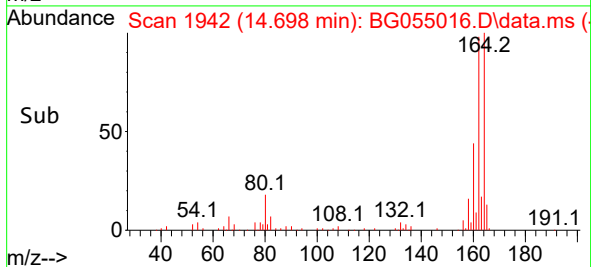
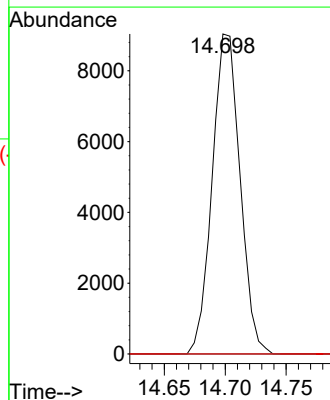
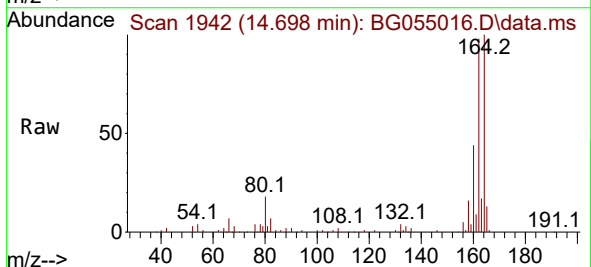
Instrument :
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 PE-1

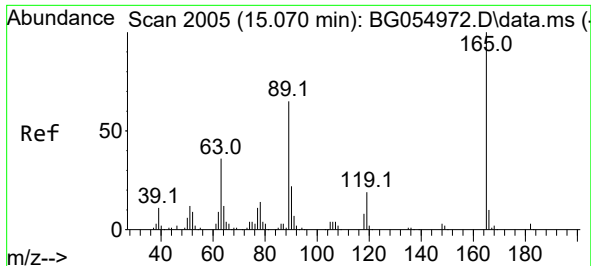
Tgt Ion:172 Resp: 501460
 Ion Ratio Lower Upper
 172 100
 171 37.6 31.2 46.8
 170 24.5 20.6 30.8



#51
 2,6-Dinitrotoluene
 Concen: 8.087 ng
 RT: 14.698 min Scan# 1942
 Delta R.T. 0.415 min
 Lab File: BG055016.D
 Acq: 23 Sep 2022 17:26

Tgt Ion:165 Resp: 14363
 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: 5.685 ng

RT: 14.698 min Scan# 1942

Delta R.T. -0.372 min

Lab File: BG055016.D

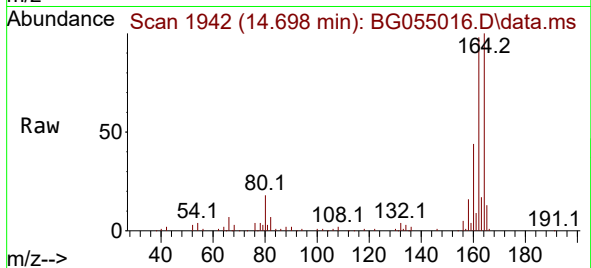
Acq: 23 Sep 2022 17:26

Instrument :

BNA_G

ClientSampleId :

PE-1



Tgt Ion:165 Resp: 14363

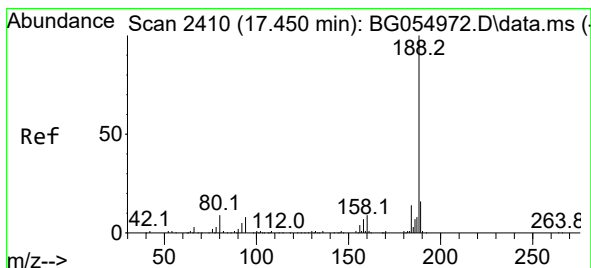
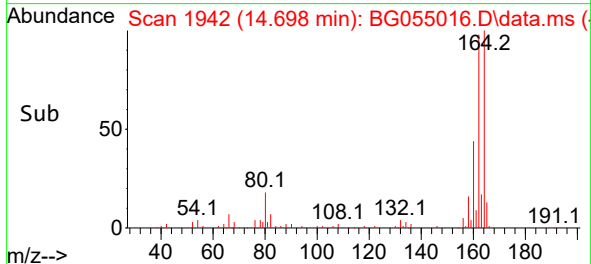
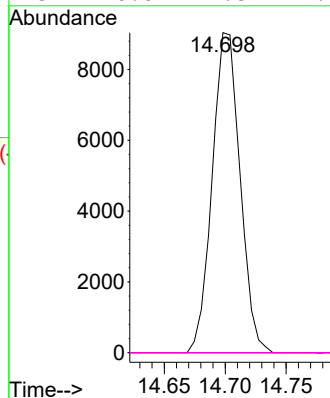
Ion Ratio Lower Upper

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: 17.448 min Scan# 2410

Delta R.T. -0.002 min

Lab File: BG055016.D

Acq: 23 Sep 2022 17:26

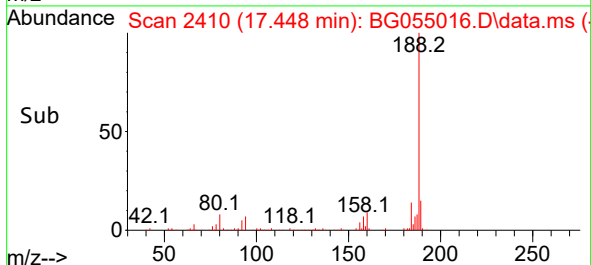
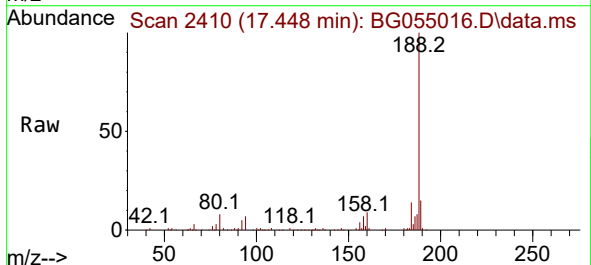
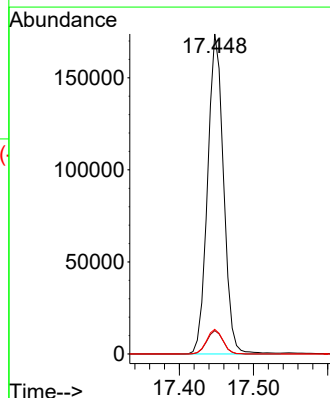
Tgt Ion:188 Resp: 260264

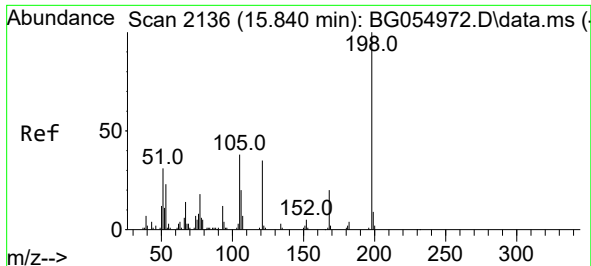
Ion Ratio Lower Upper

188 100

94 7.3 7.0 10.4

80 7.7 7.9 11.9#

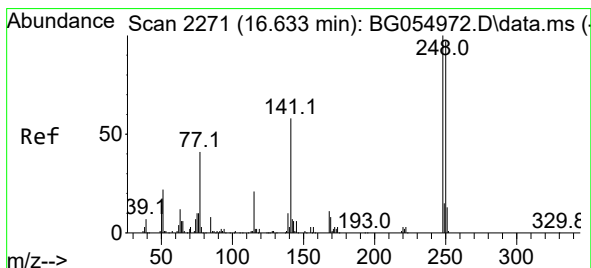
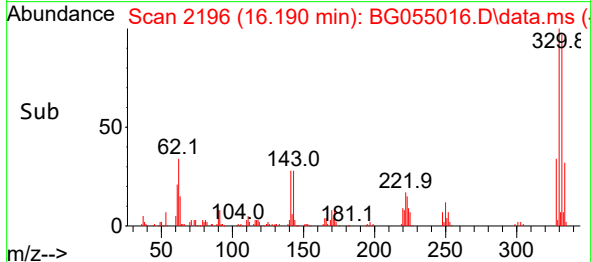
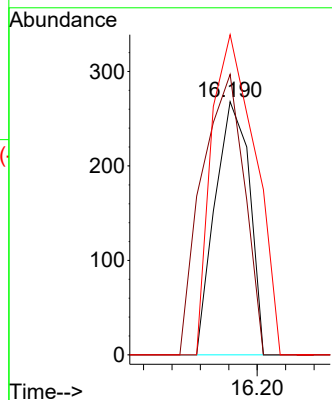
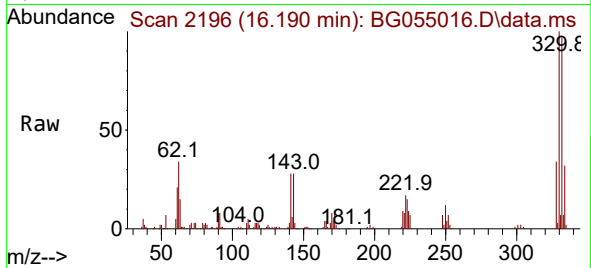




#65
4,6-Dinitro-2-methylphenol
Concen: 5.142 ng
RT: 16.190 min Scan# 2136
Delta R.T. 0.350 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

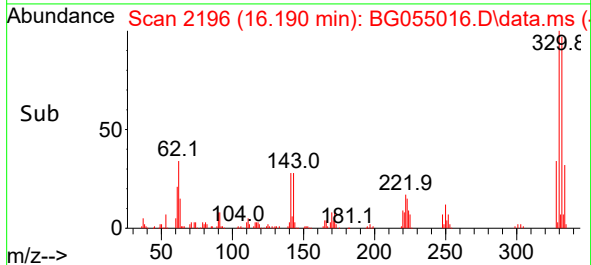
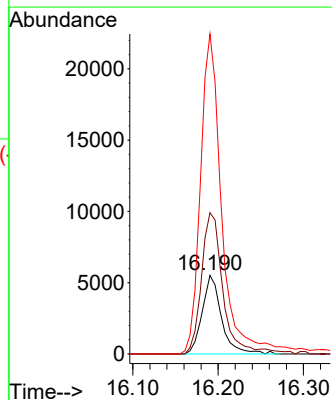
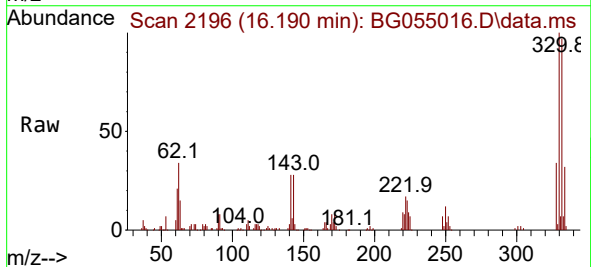
Instrument :
BNA_G
ClientSampleId :
PE-1

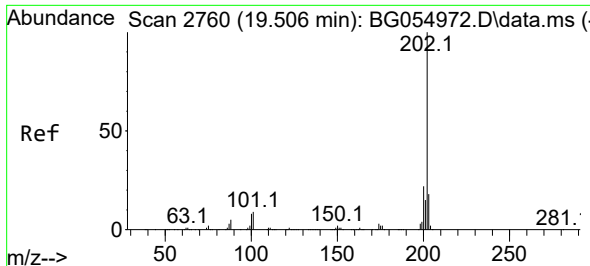
Tgt Ion:198 Resp: 226
Ion Ratio Lower Upper
198 100
51 110.8 19.9 59.9#
105 126.5 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 3.031 ng
RT: 16.190 min Scan# 2196
Delta R.T. -0.443 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

Tgt Ion:248 Resp: 8699
Ion Ratio Lower Upper
248 100
250 179.7 78.8 118.2#
141 407.0 51.9 77.9#

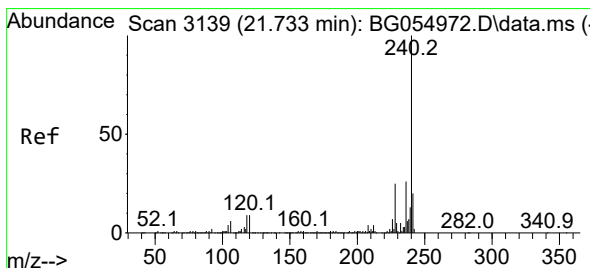
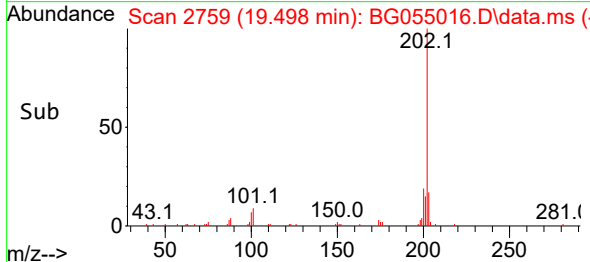
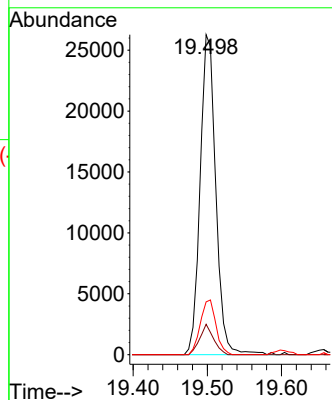
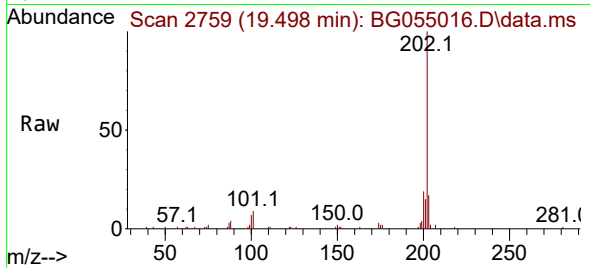




#75
Fluoranthene
Concen: 2.298 ng
RT: 19.498 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

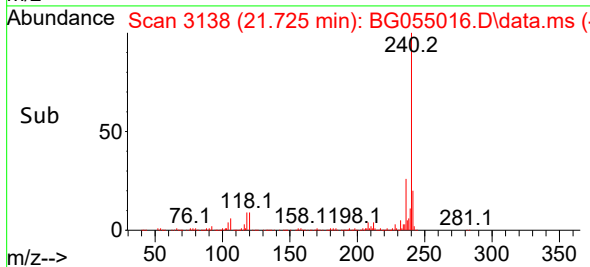
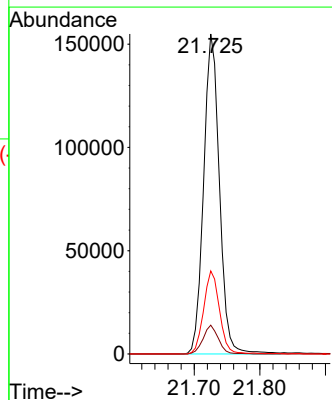
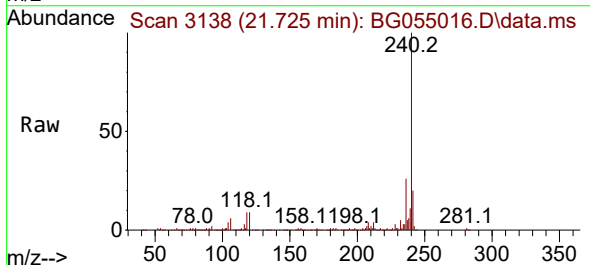
Instrument :
BNA_G
ClientSampleId :
PE-1

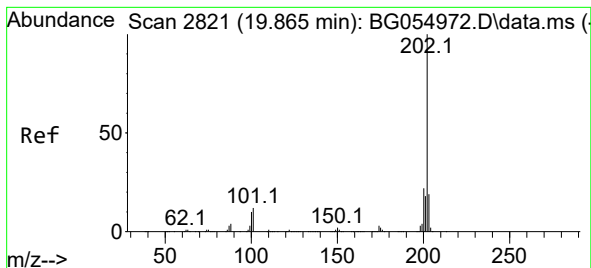
Tgt Ion:202 Resp: 38578
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.4
203 16.5 0.0 38.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.725 min Scan# 3138
Delta R.T. -0.008 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

Tgt Ion:240 Resp: 259981
Ion Ratio Lower Upper
240 100
120 9.0 8.2 12.4
236 26.0 21.2 31.8





#78

Pyrene

Concen: 2.009 ng

RT: 19.863 min Scan# 2821

Delta R.T. -0.002 min

Lab File: BG055016.D

Acq: 23 Sep 2022 17:26

Instrument :

BNA_G

ClientSampleId :

PE-1

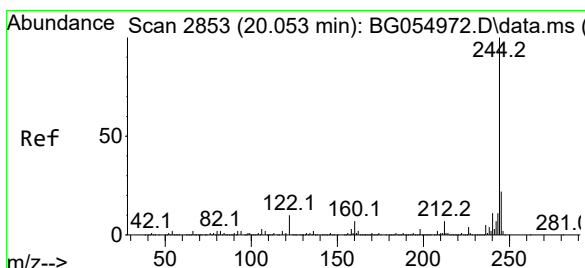
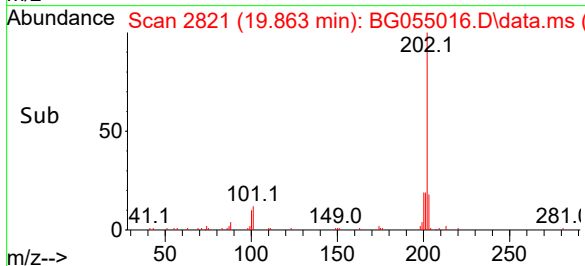
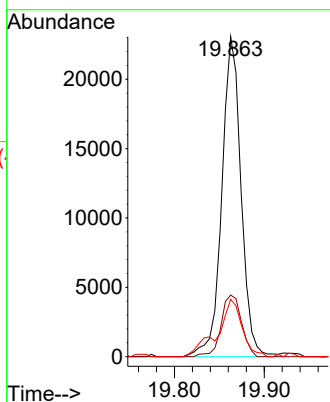
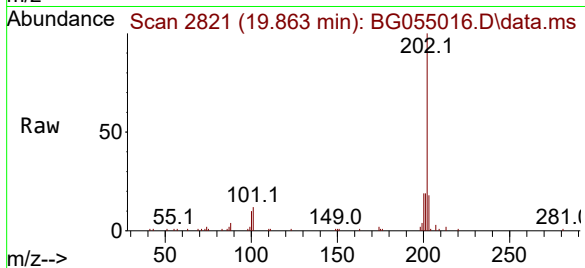
Tgt Ion:202 Resp: 34329

Ion Ratio Lower Upper

202 100

200 19.3 17.8 26.6

203 17.9 14.6 21.8



#79

Terphenyl-d14

Concen: 74.661 ng

RT: 20.051 min Scan# 2853

Delta R.T. -0.002 min

Lab File: BG055016.D

Acq: 23 Sep 2022 17:26

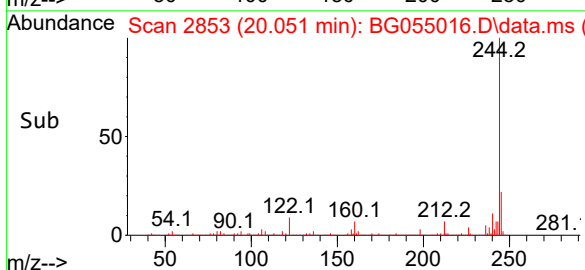
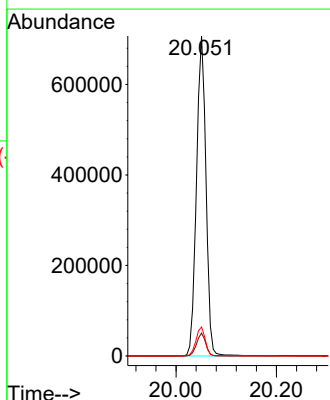
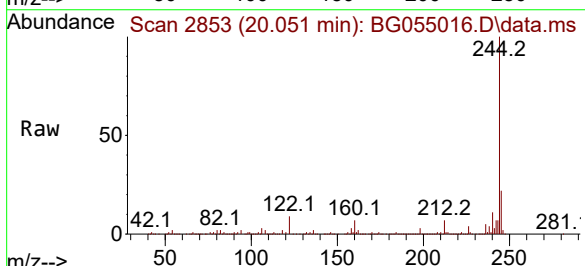
Tgt Ion:244 Resp: 927927

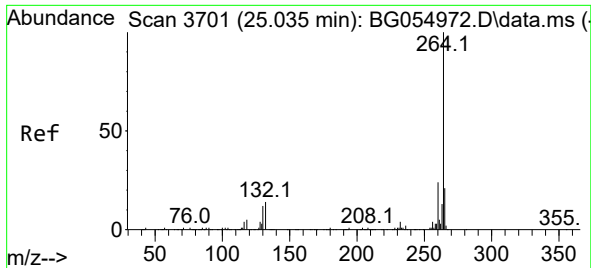
Ion Ratio Lower Upper

244 100

212 7.2 6.2 9.2

122 9.0 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.033 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG055016.D
Acq: 23 Sep 2022 17:26

Instrument :
BNA_G
ClientSampleId :
PE-1

Tgt Ion:264 Resp: 273641
Ion Ratio Lower Upper
264 100
260 23.7 19.9 29.9
265 21.5 16.9 25.3

