

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG092322\
 Data File : BG055014.D
 Acq On : 23 Sep 2022 16:02
 Operator : CG/JU
 Sample : N4751-08
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PE-7

Quant Time: Sep 24 02:28:00 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)

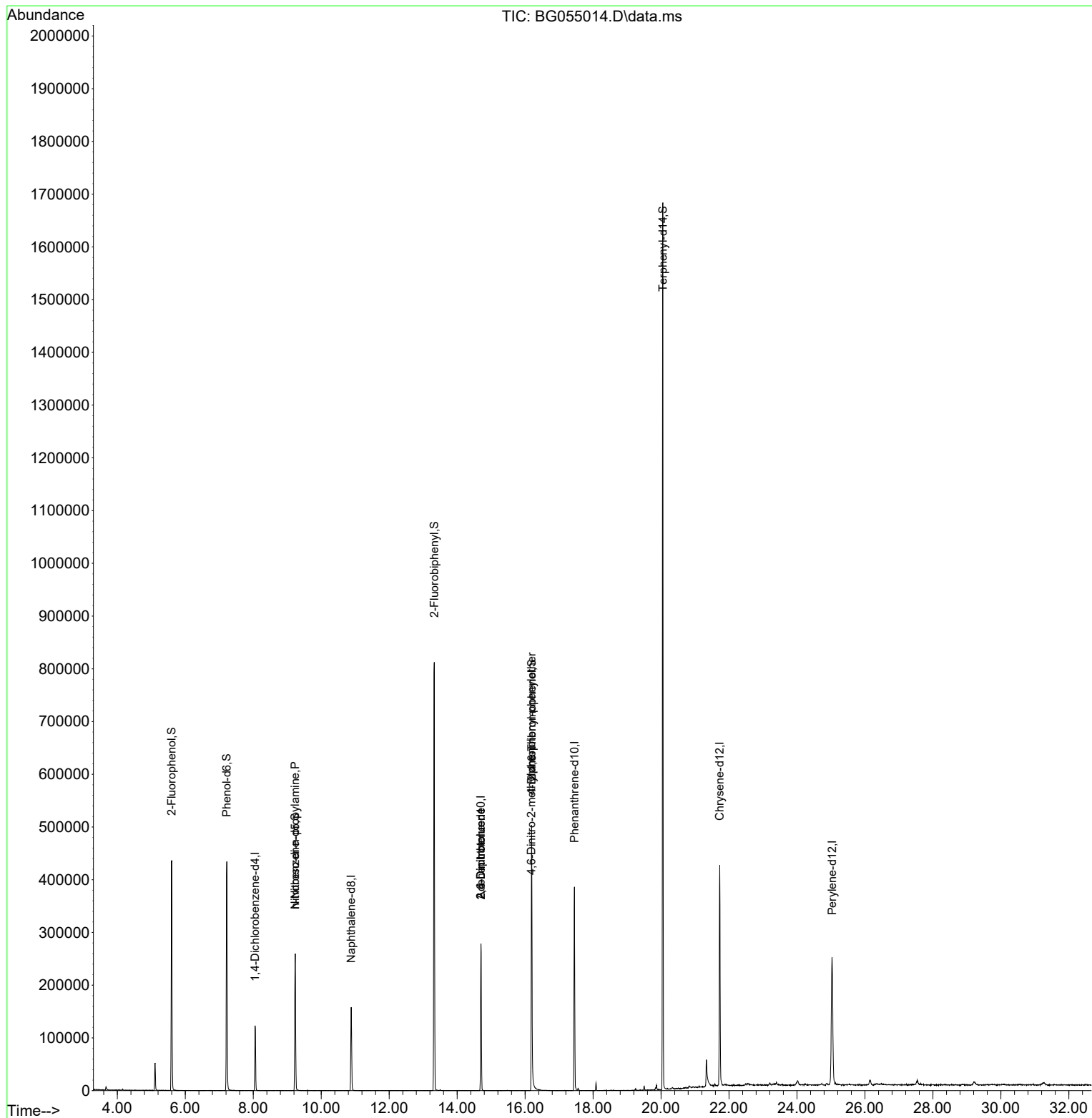
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.056	152	38974	20.000	ng	0.00
21) Naphthalene-d8	10.882	136	153527	20.000	ng	# 0.00
39) Acenaphthene-d10	14.701	164	108559	20.000	ng	0.00
64) Phenanthrene-d10	17.451	188	265701	20.000	ng	# 0.00
76) Chrysene-d12	21.728	240	270854	20.000	ng	0.00
86) Perylene-d12	25.036	264	285863	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.600	112	226695	113.812	ng	0.00
7) Phenol-d6	7.221	99	295398	110.644	ng	0.00
23) Nitrobenzene-d5	9.237	82	168315	63.545	ng	0.00
42) 2,4,6-Tribromophenol	16.193	330	134994	106.147	ng	0.00
45) 2-Fluorobiphenyl	13.326	172	468810	68.058	ng	0.00
79) Terphenyl-d14	20.053	244	913284	70.533	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.237	70	20735	11.284	ng	# 74
51) 2,6-Dinitrotoluene	14.701	165	13877	7.940	ng	# 20
57) 2,4-Dinitrotoluene	14.701	165	13877	5.582	ng	# 18
65) 4,6-Dinitro-2-methylph...	16.181	198	114	5.065	ng	# 21
67) 4-Bromophenyl-phenylether	16.187	248	8546	2.916	ng	# 1

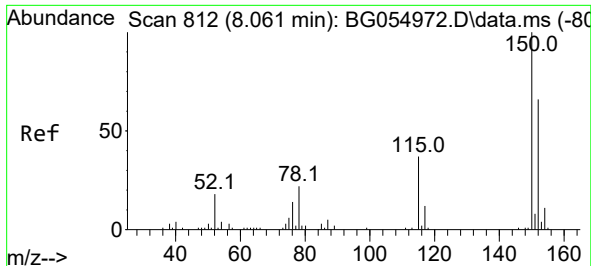
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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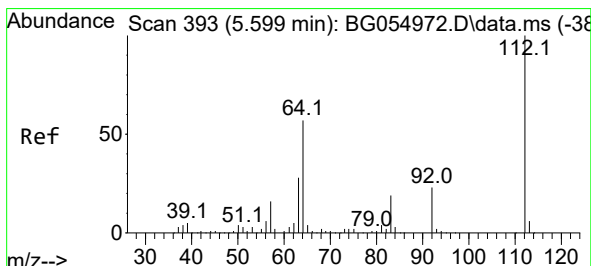
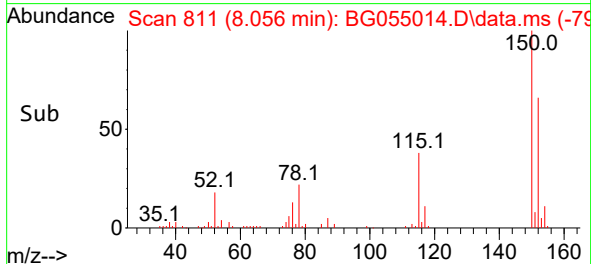
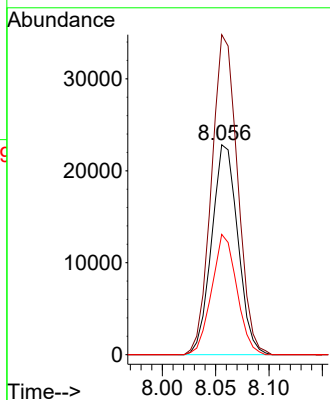
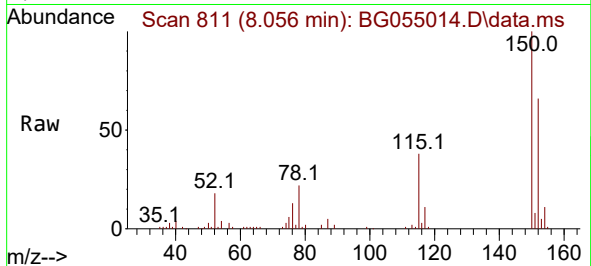




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.056 min Scan# 812
Delta R.T. -0.005 min
Lab File: BG055014.D
Acq: 23 Sep 2022 16:02

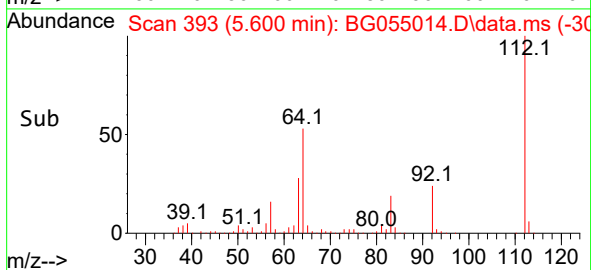
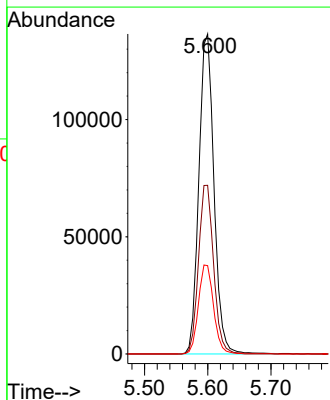
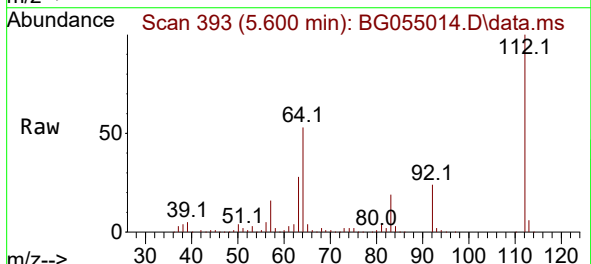
Instrument :
BNA_G
ClientSampleId :
PE-7

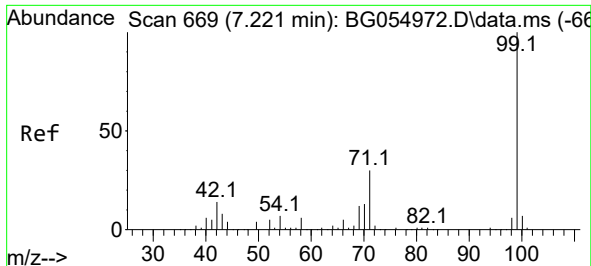
Tgt Ion:152 Resp: 38974
Ion Ratio Lower Upper
152 100
150 152.4 125.2 187.8
115 57.3 47.9 71.9



#5
2-Fluorophenol
Concen: 113.812 ng
RT: 5.600 min Scan# 393
Delta R.T. 0.001 min
Lab File: BG055014.D
Acq: 23 Sep 2022 16:02

Tgt Ion:112 Resp: 226695
Ion Ratio Lower Upper
112 100
64 52.7 49.3 73.9
63 27.6 26.3 39.5

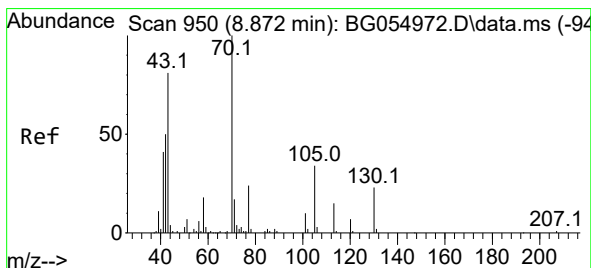
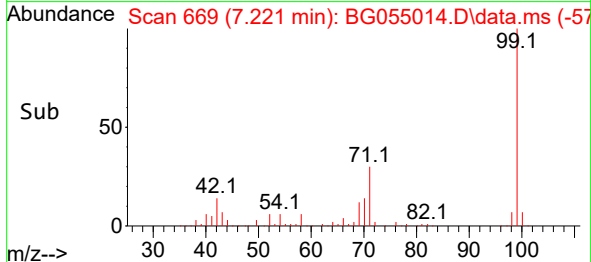
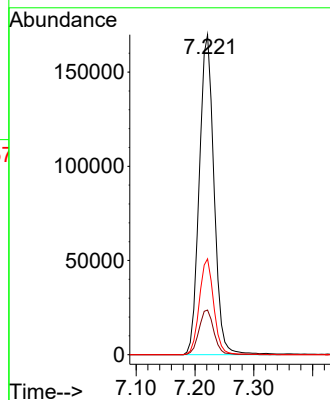
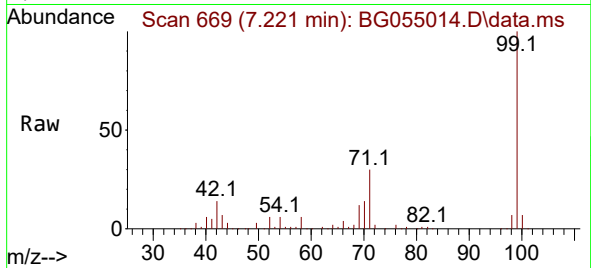




#7
Phenol-d6
Concen: 110.644 ng
RT: 7.221 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG055014.D
Acq: 23 Sep 2022 16:02

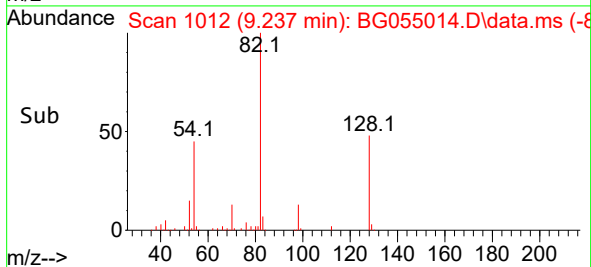
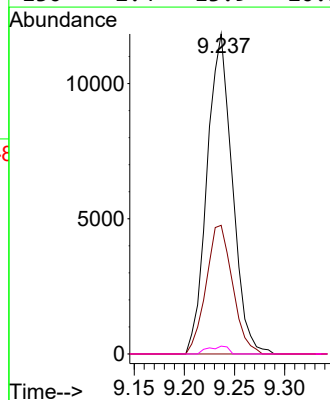
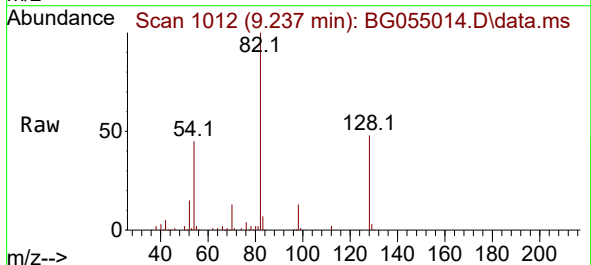
Instrument :
BNA_G
ClientSampleId :
PE-7

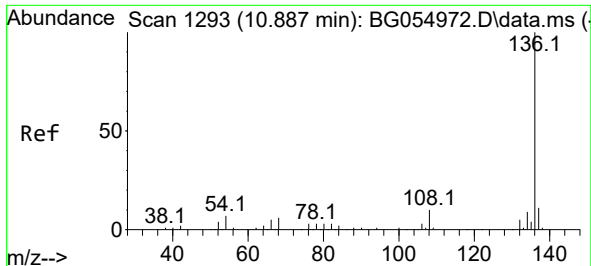
Tgt Ion: 99 Resp: 295398
Ion Ratio Lower Upper
99 100
42 13.9 14.6 22.0#
71 30.0 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.284 ng
RT: 9.237 min Scan# 1012
Delta R.T. 0.365 min
Lab File: BG055014.D
Acq: 23 Sep 2022 16:02

Tgt Ion: 70 Resp: 20735
Ion Ratio Lower Upper
70 100
42 40.2 46.6 69.8#
101 0.0 7.7 11.5#
130 2.4 13.9 20.9#

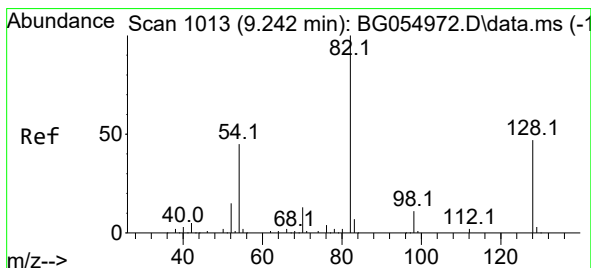
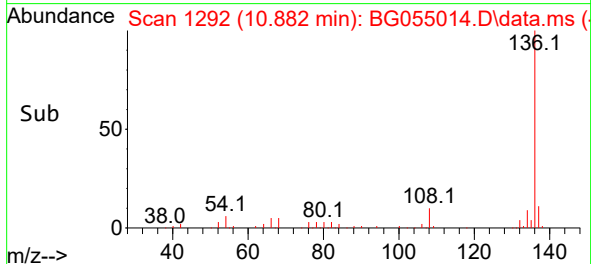
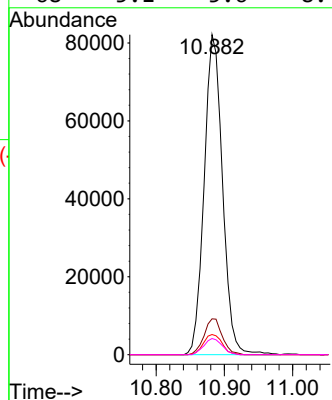
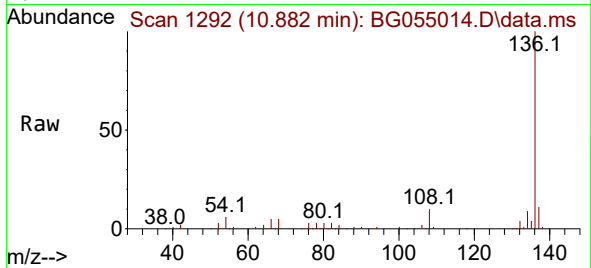




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.882 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG055014.D
Acq: 23 Sep 2022 16:02

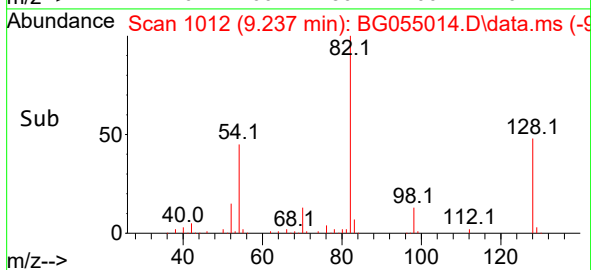
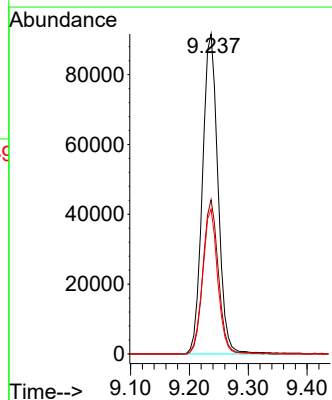
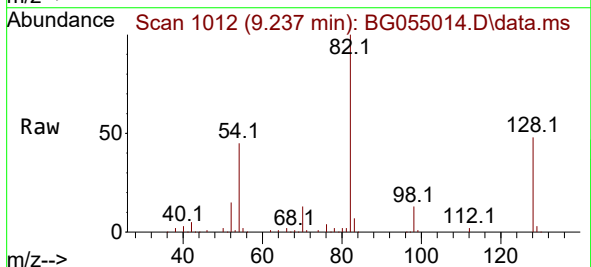
Instrument :
BNA_G
ClientSampleId :
PE-7

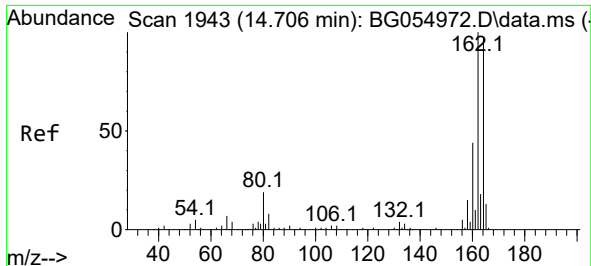
Tgt Ion:	136	Resp:	153527
Ion Ratio	Lower	Upper	
136	100		
137	11.2	9.2	13.8
54	6.3	7.7	11.5#
68	5.1	5.6	8.4#



#23
Nitrobenzene-d5
Concen: 63.545 ng
RT: 9.237 min Scan# 1012
Delta R.T. -0.005 min
Lab File: BG055014.D
Acq: 23 Sep 2022 16:02

Tgt Ion:	82	Resp:	168315
Ion Ratio	Lower	Upper	
82	100		
128	48.2	32.2	48.2
54	45.2	41.4	62.0

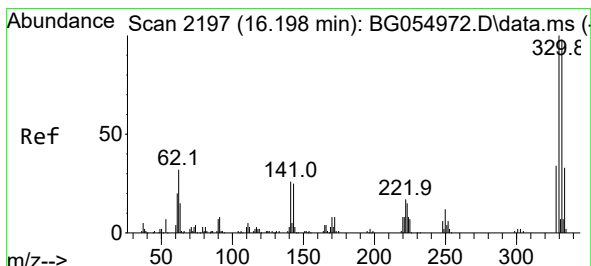
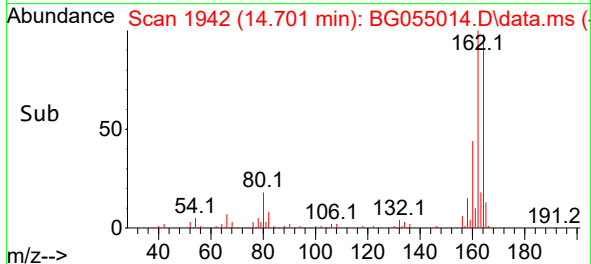
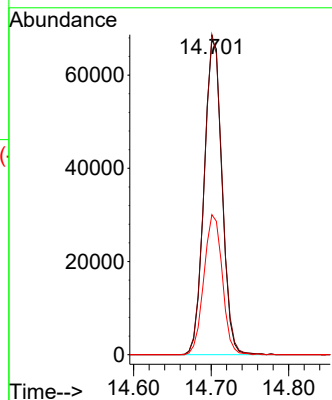
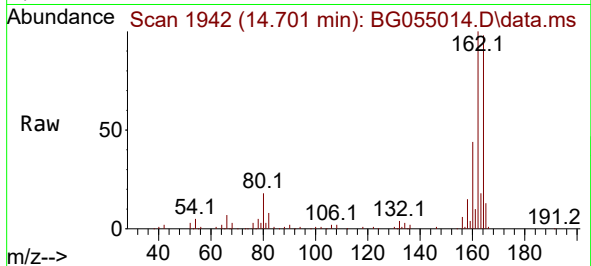




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.701 min Scan# 1942
Delta R.T. -0.005 min
Lab File: BG055014.D
Acq: 23 Sep 2022 16:02

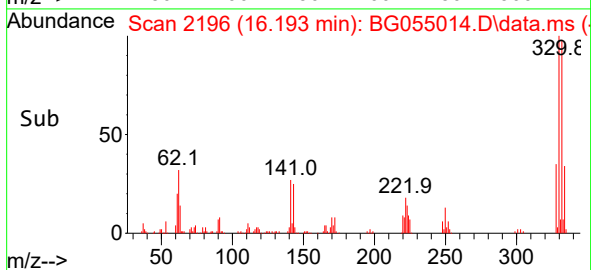
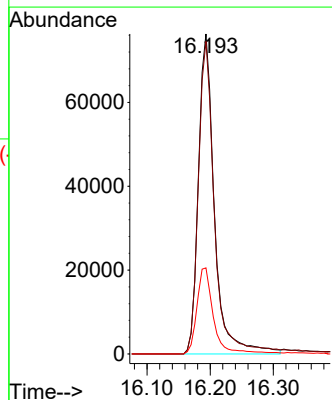
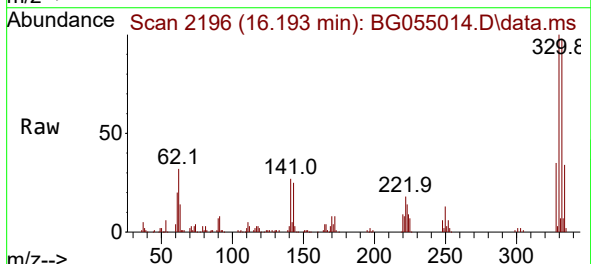
Instrument :
BNA_G
ClientSampleId :
PE-7

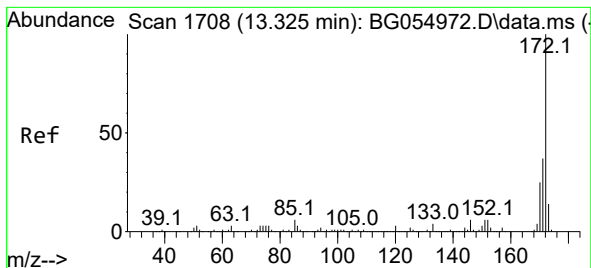
Tgt Ion:164 Resp: 108559
Ion Ratio Lower Upper
164 100
162 101.7 83.0 124.4
160 44.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 106.147 ng
RT: 16.193 min Scan# 2196
Delta R.T. -0.005 min
Lab File: BG055014.D
Acq: 23 Sep 2022 16:02

Tgt Ion:330 Resp: 134994
Ion Ratio Lower Upper
330 100
332 100.0 79.8 119.6
141 27.9 26.8 40.2

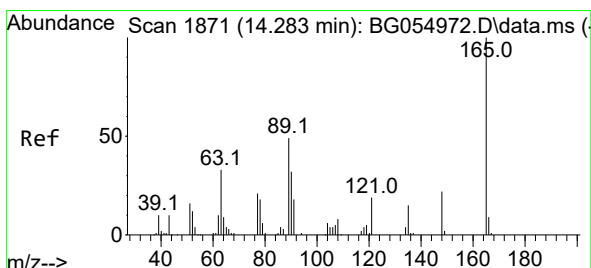
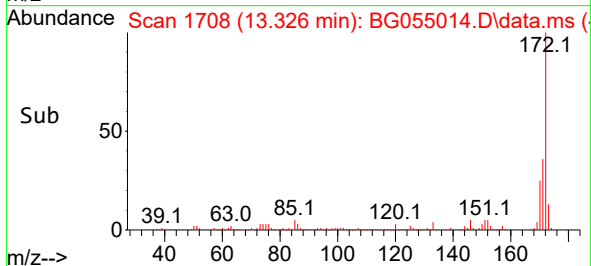
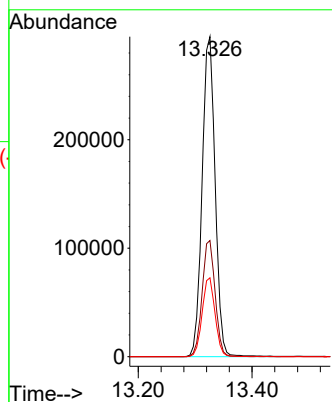
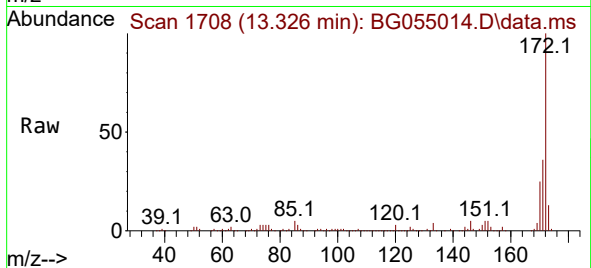




#45
 2-Fluorobiphenyl
 Concen: 68.058 ng
 RT: 13.326 min Scan# 11
 Delta R.T. 0.001 min
 Lab File: BG055014.D
 Acq: 23 Sep 2022 16:02

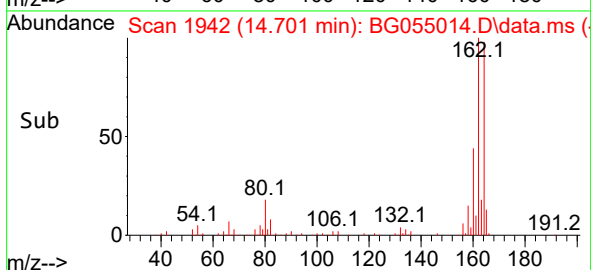
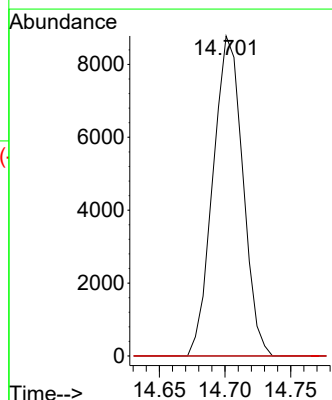
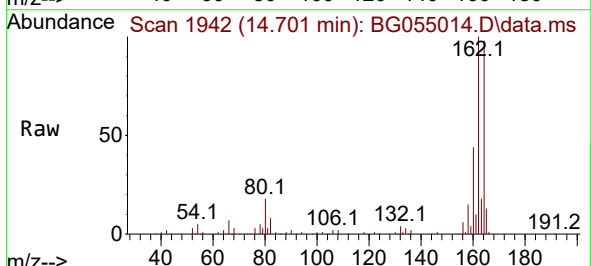
Instrument :
 BNA_G
 ClientSampleId :
 PE-7

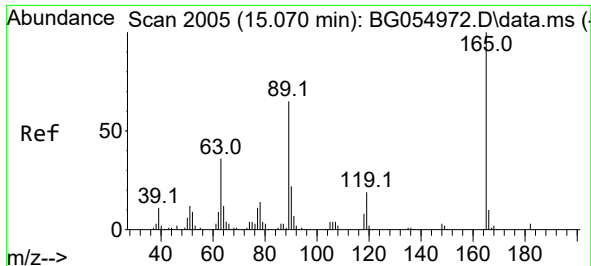
Tgt Ion:172 Resp: 468810
 Ion Ratio Lower Upper
 172 100
 171 36.3 31.2 46.8
 170 24.7 20.6 30.8



#51
 2,6-Dinitrotoluene
 Concen: 7.940 ng
 RT: 14.701 min Scan# 1942
 Delta R.T. 0.418 min
 Lab File: BG055014.D
 Acq: 23 Sep 2022 16:02

Tgt Ion:165 Resp: 13877
 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: 5.582 ng

RT: 14.701 min Scan# 1942

Delta R.T. -0.369 min

Lab File: BG055014.D

Acq: 23 Sep 2022 16:02

Instrument :

BNA_G

ClientSampleId :

PE-7

Tgt Ion:165 Resp: 13877

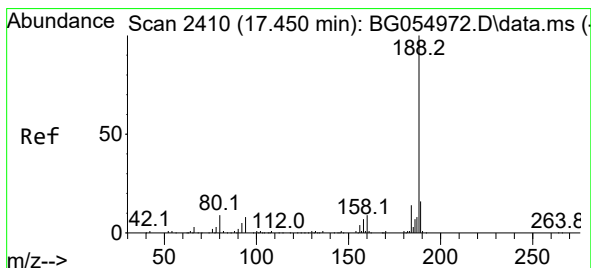
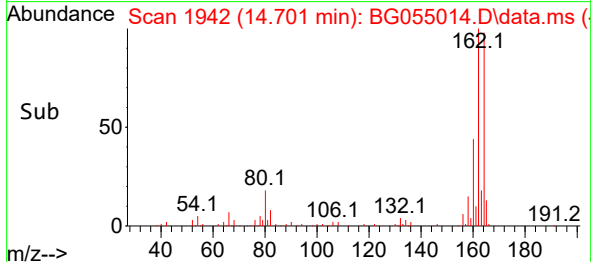
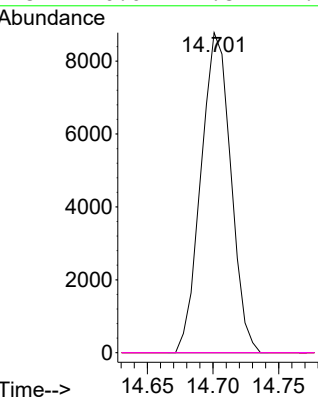
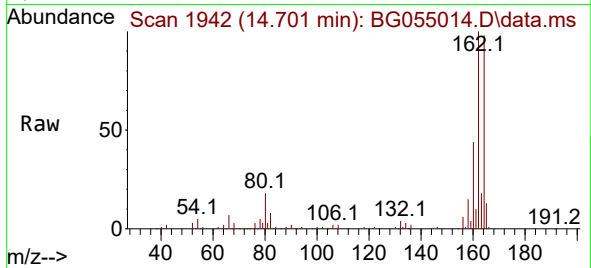
Ion Ratio Lower Upper

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: 17.451 min Scan# 2410

Delta R.T. 0.001 min

Lab File: BG055014.D

Acq: 23 Sep 2022 16:02

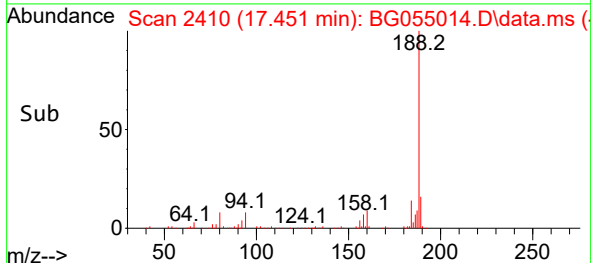
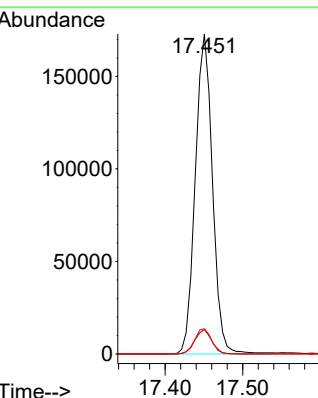
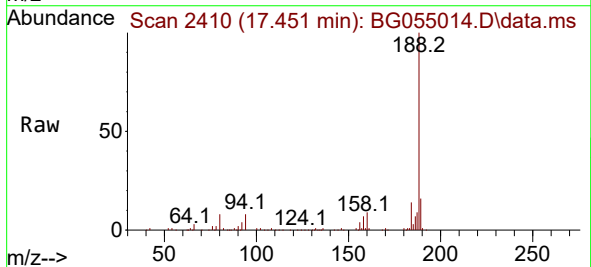
Tgt Ion:188 Resp: 265701

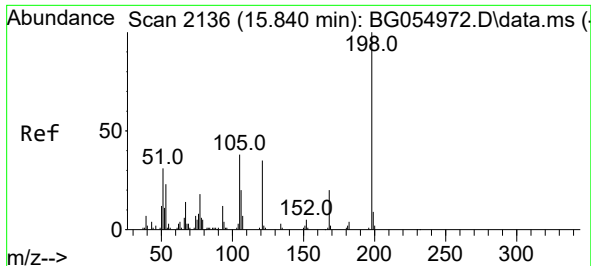
Ion Ratio Lower Upper

188 100

94 7.7 7.0 10.4

80 7.8 7.9 11.9#

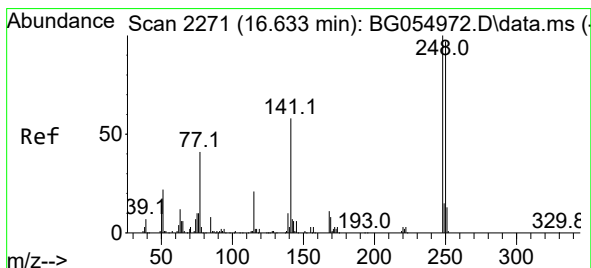
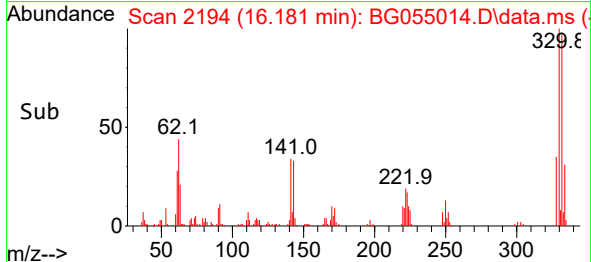
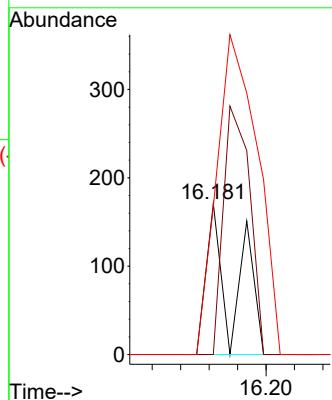
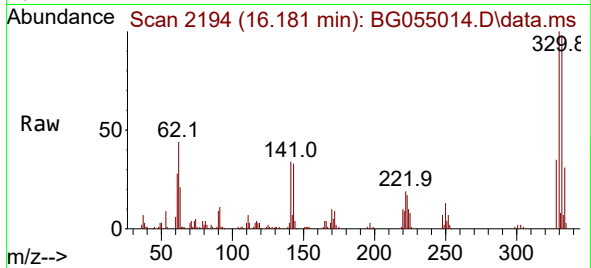




#65
4,6-Dinitro-2-methylphenol
Concen: 5.065 ng
RT: 16.181 min Scan# 2136
Delta R.T. 0.341 min
Lab File: BG055014.D
Acq: 23 Sep 2022 16:02

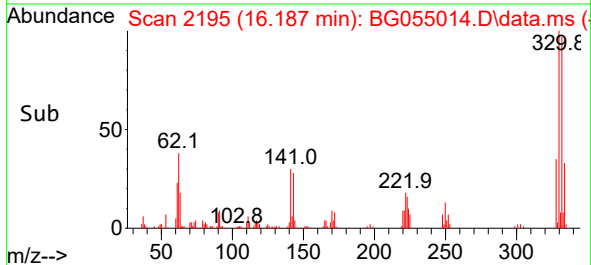
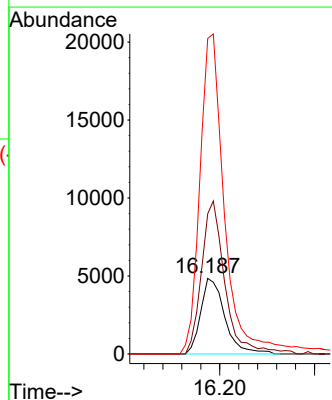
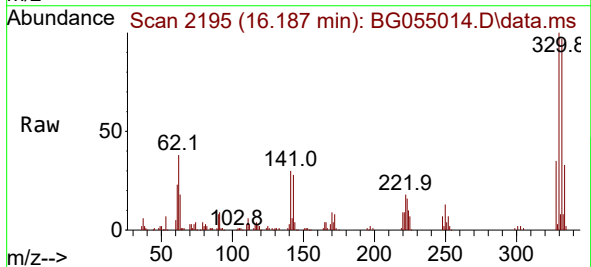
Instrument :
BNA_G
ClientSampleId :
PE-7

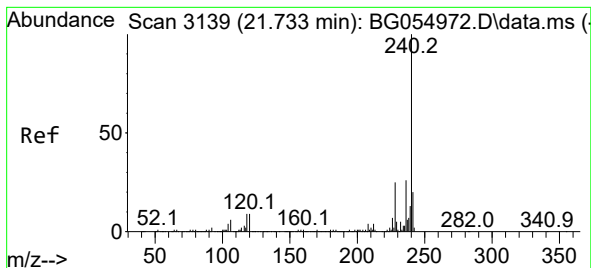
Tgt Ion:198 Resp: 114
Ion Ratio Lower Upper
198 100
51 0.0 19.9 59.9#
105 97.7 20.3 60.3#



#67
4-Bromophenyl-phenylether
Concen: 2.916 ng
RT: 16.187 min Scan# 2195
Delta R.T. -0.446 min
Lab File: BG055014.D
Acq: 23 Sep 2022 16:02

Tgt Ion:248 Resp: 8546
Ion Ratio Lower Upper
248 100
250 185.6 78.8 118.2#
141 417.7 51.9 77.9#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.728 min Scan# 31

Delta R.T. -0.005 min

Lab File: BG055014.D

Acq: 23 Sep 2022 16:02

Instrument :

BNA_G

ClientSampleId :

PE-7

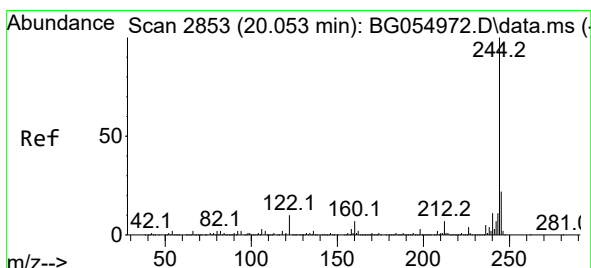
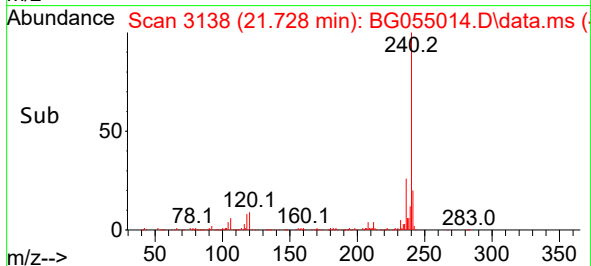
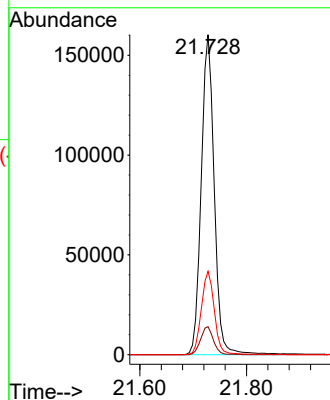
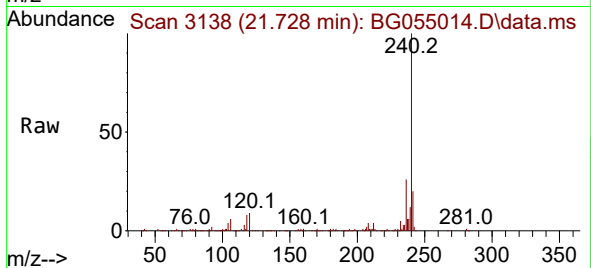
Tgt Ion:240 Resp: 270854

Ion Ratio Lower Upper

240 100

120 8.8 8.2 12.4

236 26.0 21.2 31.8



#79

Terphenyl-d14

Concen: 70.533 ng

RT: 20.053 min Scan# 2853

Delta R.T. 0.001 min

Lab File: BG055014.D

Acq: 23 Sep 2022 16:02

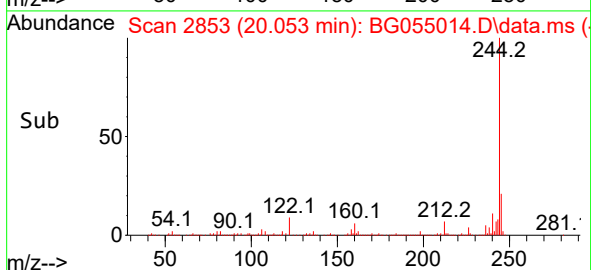
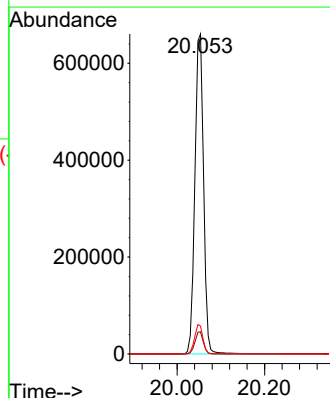
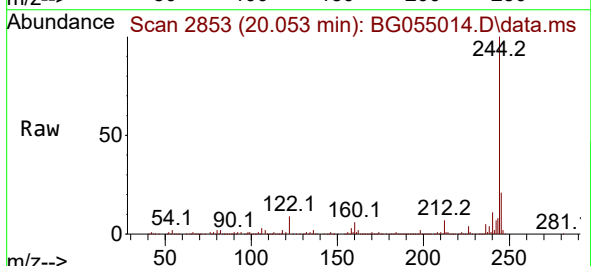
Tgt Ion:244 Resp: 913284

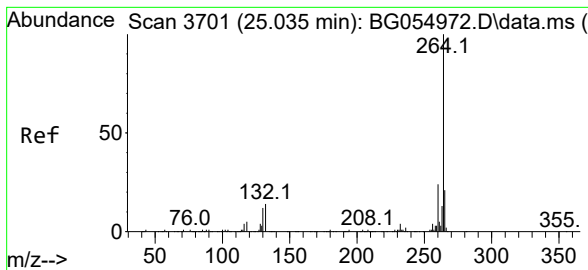
Ion Ratio Lower Upper

244 100

212 6.9 6.2 9.2

122 8.7 9.0 13.6#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.036 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG055014.D
Acq: 23 Sep 2022 16:02

Instrument :
BNA_G
ClientSampleId :
PE-7

Tgt Ion:264	Resp:	285863
Ion Ratio	Lower	Upper
264	100	
260	24.2	19.9 29.9
265	21.8	16.9 25.3

