

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055412.D
 Acq On : 2 Nov 2022 12:38
 Operator : CG/JU
 Sample : N5383-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 256317-8

Quant Time: Nov 03 06:08:24 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 02 05:05:12 2022
 Response via : Initial Calibration

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

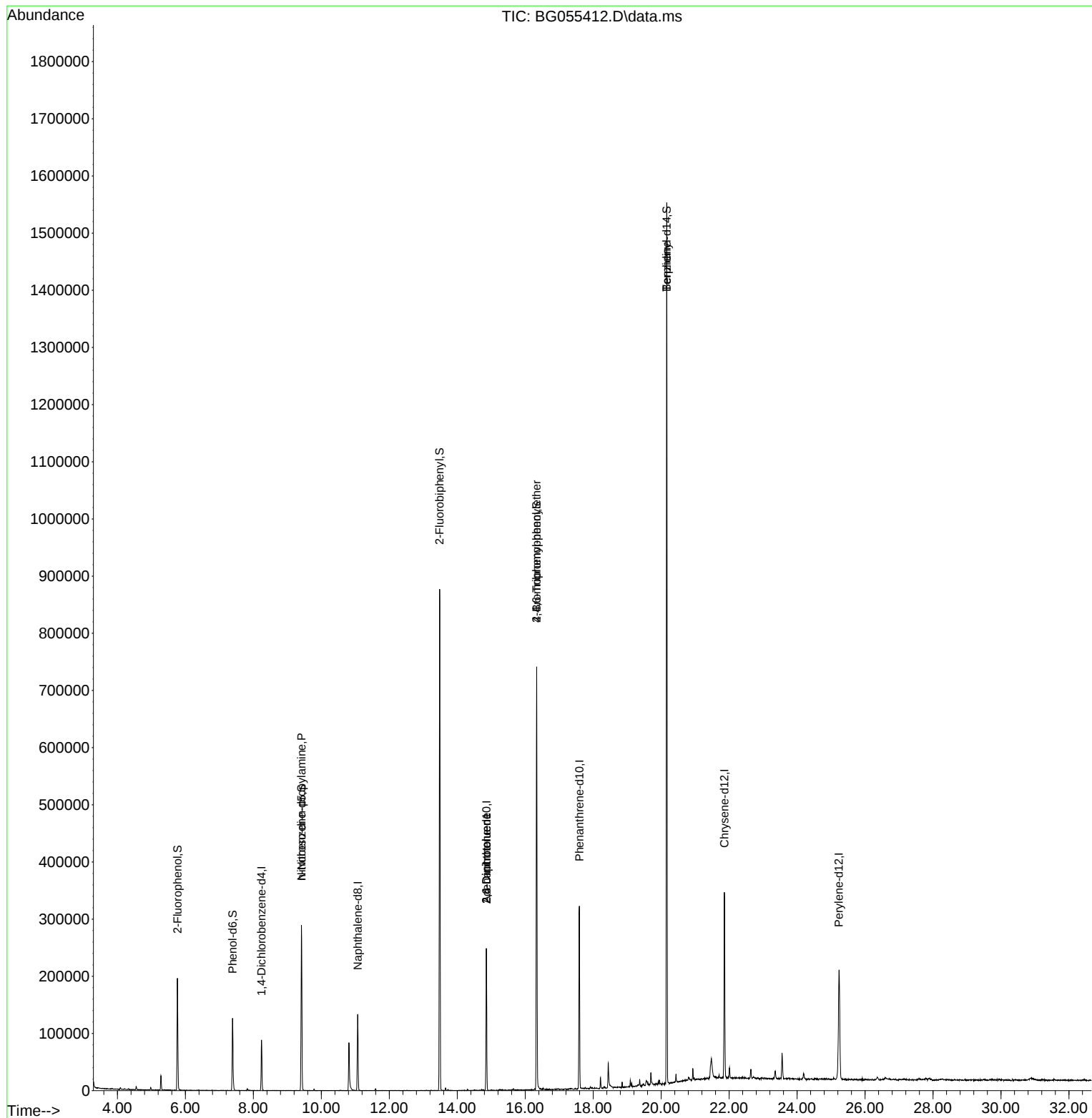
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.240	152	26584	20.000	ng	0.00
21) Naphthalene-d8	11.072	136	117523	20.000	ng	0.00
39) Acenaphthene-d10	14.856	164	86472	20.000	ng	0.00
64) Phenanthrene-d10	17.594	188	201836	20.000	ng	0.00
76) Chrysene-d12	21.859	240	200226	20.000	ng	-0.01
86) Perylene-d12	25.232	264	215806	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.766	112	94157	63.607	ng	0.00
7) Phenol-d6	7.388	99	81980	39.936	ng	0.00
23) Nitrobenzene-d5	9.415	82	181391	82.258	ng	0.00
42) 2,4,6-Tribromophenol	16.336	330	161188	136.658	ng	0.00
45) 2-Fluorobiphenyl	13.481	172	474997	81.443	ng	0.00
79) Terphenyl-d14	20.167	244	823980	80.023	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.415	70	23669	14.756	ng	# 80
51) 2,6-Dinitrotoluene	14.856	165	11628	7.695	ng	# 27
57) 2,4-Dinitrotoluene	14.856	165	11628	5.382	ng	# 25
67) 4-Bromophenyl-phenylether	16.336	248	10386	4.353	ng	# 1
77) Benzdine	20.167	184	11969	2.871	ng	# 89

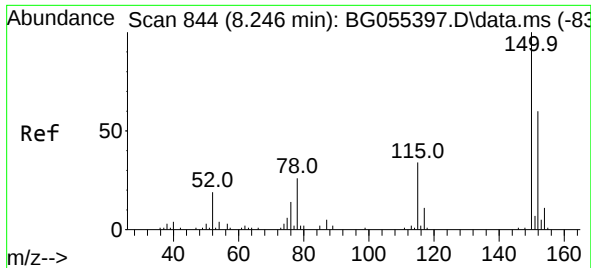
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 02 05:05:12 2022
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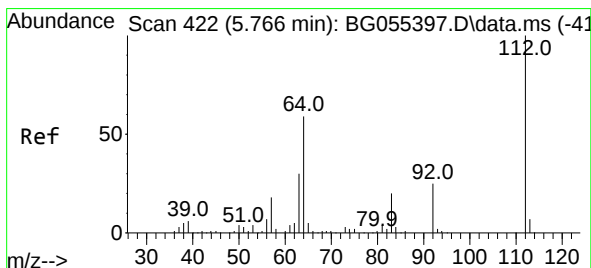
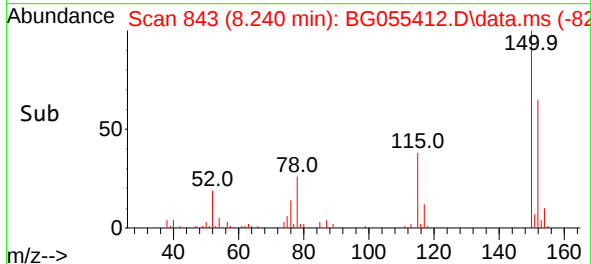
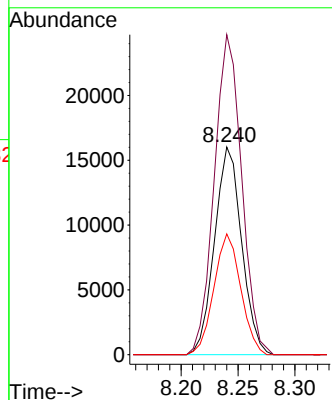
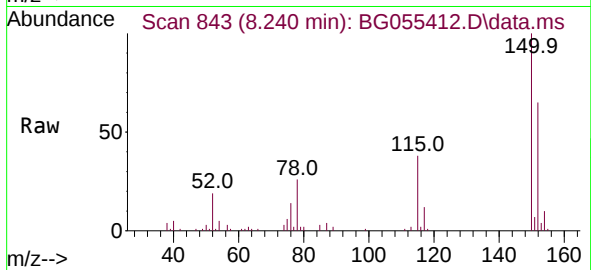




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.240 min Scan# 844
Delta R.T. -0.006 min
Lab File: BG055412.D
Acq: 2 Nov 2022 12:38

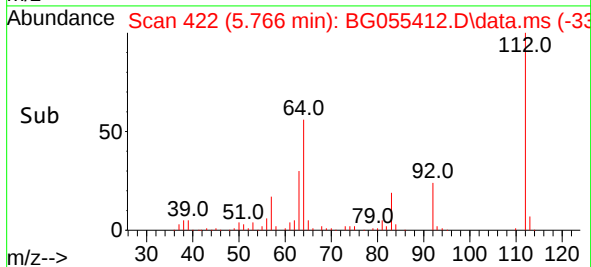
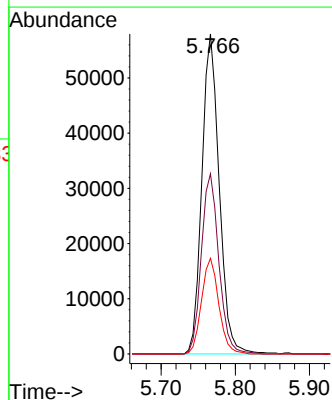
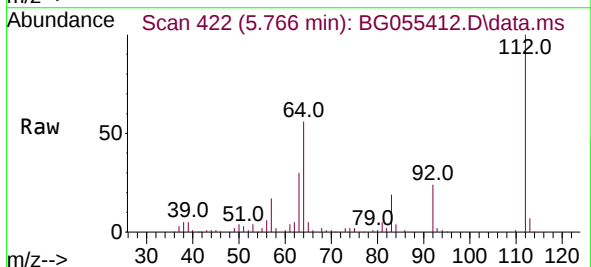
Instrument :
BNA_G
ClientSampleId :
256317-8

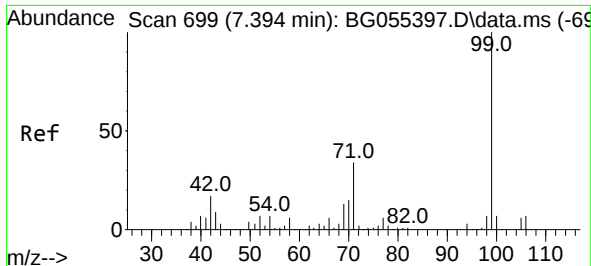
Tgt Ion:152 Resp: 26584
Ion Ratio Lower Upper
152 100
150 154.1 132.8 199.2
115 58.2 45.1 67.7



#5
2-Fluorophenol
Concen: 63.607 ng
RT: 5.766 min Scan# 422
Delta R.T. -0.000 min
Lab File: BG055412.D
Acq: 2 Nov 2022 12:38

Tgt Ion:112 Resp: 94157
Ion Ratio Lower Upper
112 100
64 56.3 47.2 70.8
63 29.9 24.3 36.5

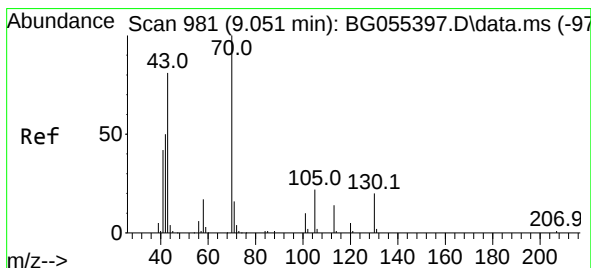
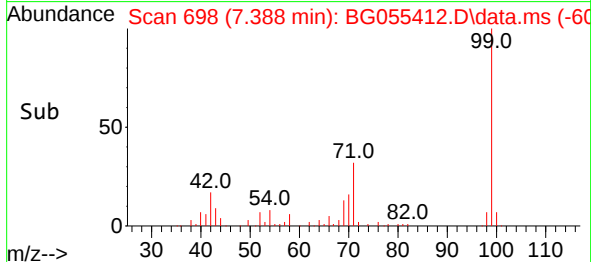
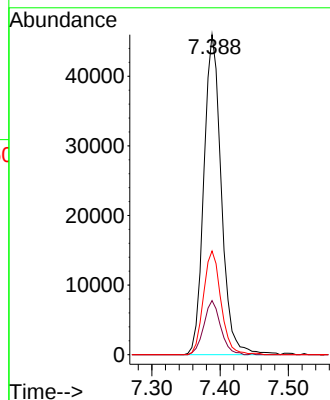
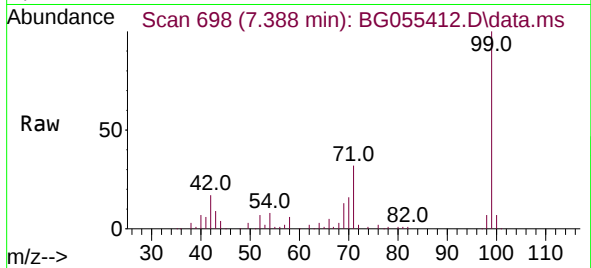




#7
Phenol-d6
Concen: 39.936 ng
RT: 7.388 min Scan# 61
Delta R.T. -0.006 min
Lab File: BG055412.D
Acq: 2 Nov 2022 12:38

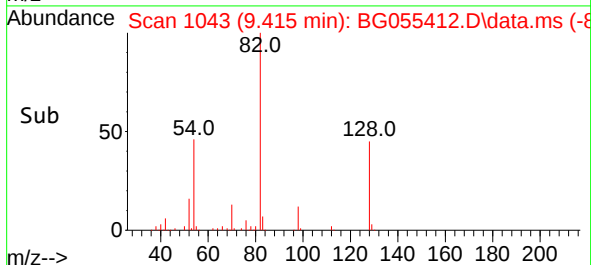
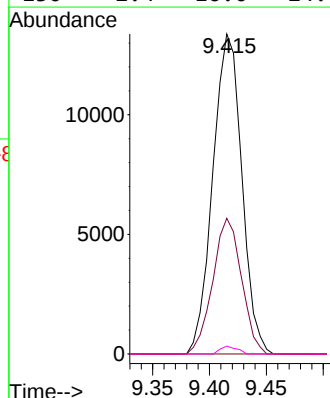
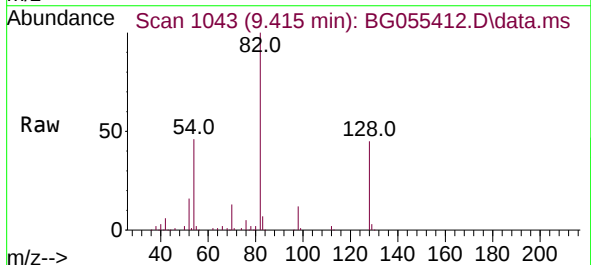
Instrument :
BNA_G
ClientSampleId :
256317-8

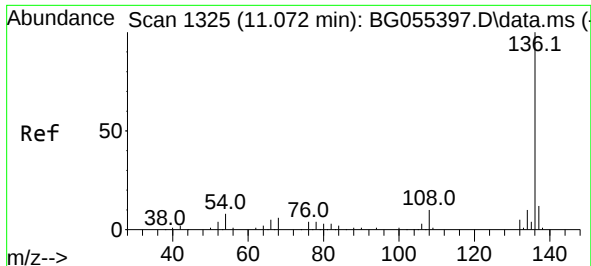
Tgt Ion: 99 Resp: 81980
Ion Ratio Lower Upper
99 100
42 16.9 13.5 20.3
71 32.4 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.756 ng
RT: 9.415 min Scan# 1043
Delta R.T. 0.364 min
Lab File: BG055412.D
Acq: 2 Nov 2022 12:38

Tgt Ion: 70 Resp: 23669
Ion Ratio Lower Upper
70 100
42 42.4 40.6 61.0
101 0.0 7.8 11.6#
130 2.4 16.0 24.0#



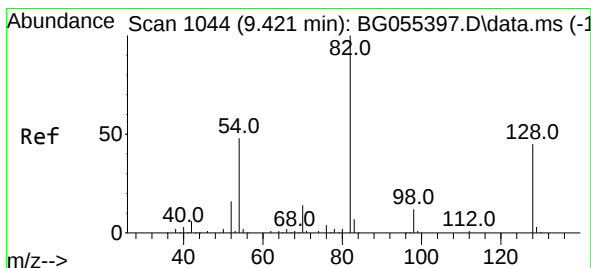
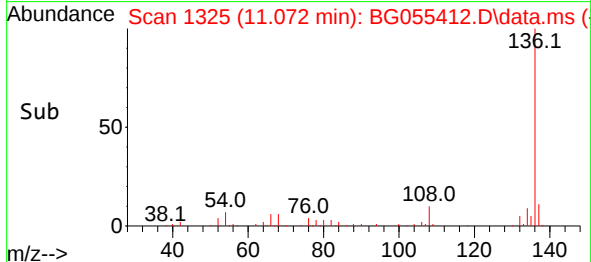
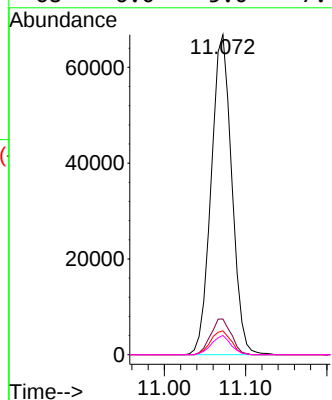
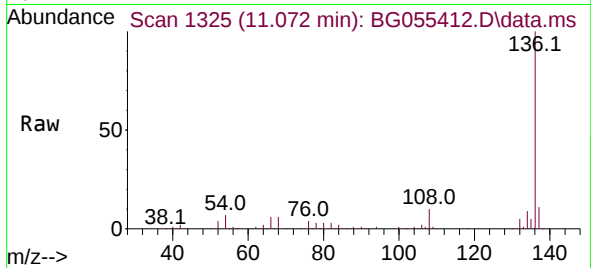


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.072 min Scan# 11
Delta R.T. -0.000 min
Lab File: BG055412.D
Acq: 2 Nov 2022 12:38

Instrument :
BNA_G
ClientSampleId :
256317-8

Tgt Ion:136 Resp: 117523

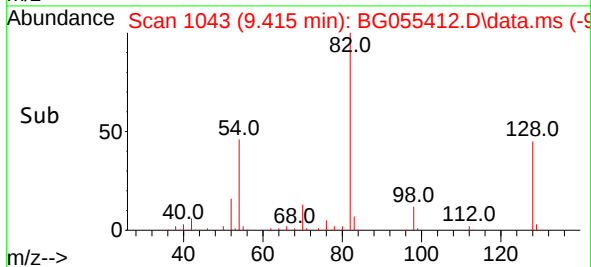
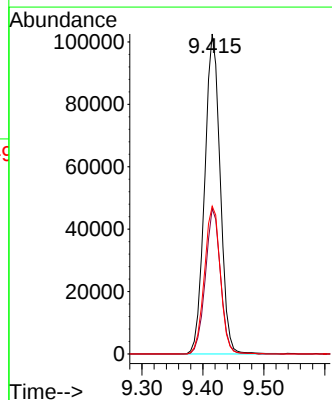
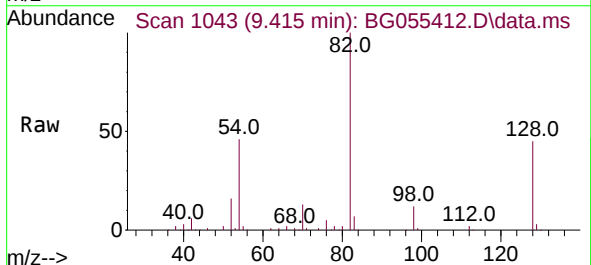
Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.4	14.2
54	7.4	6.1	9.1
68	6.0	5.0	7.4

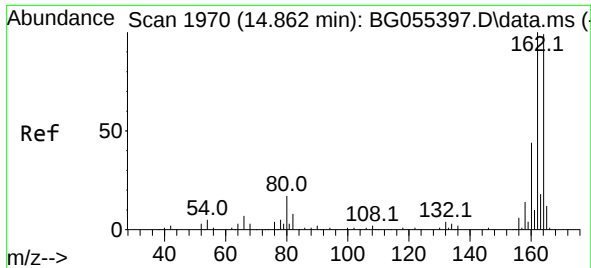


#23
Nitrobenzene-d5
Concen: 82.258 ng
RT: 9.415 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BG055412.D
Acq: 2 Nov 2022 12:38

Tgt Ion: 82 Resp: 181391

Ion	Ratio	Lower	Upper
82	100		
128	45.4	35.8	53.8
54	46.2	38.1	57.1

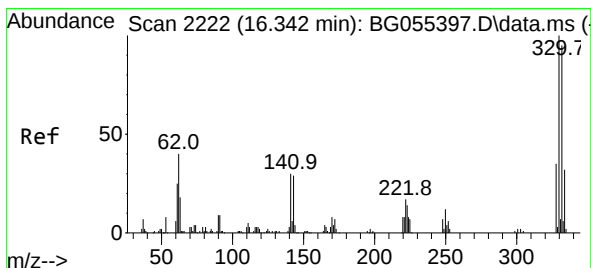
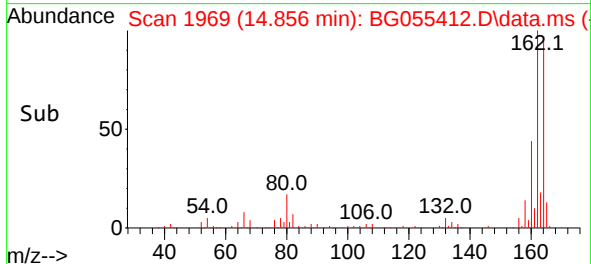
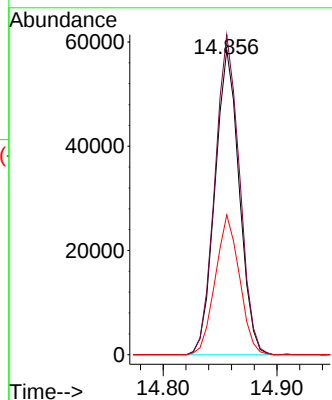
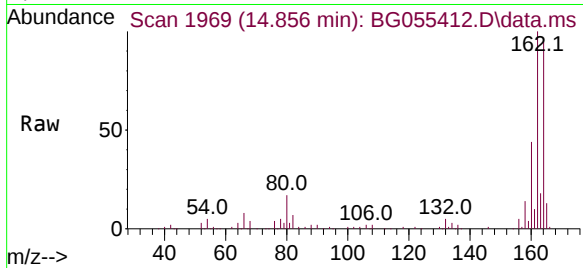




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.856 min Scan# 1969
Delta R.T. -0.006 min
Lab File: BG055412.D
Acq: 2 Nov 2022 12:38

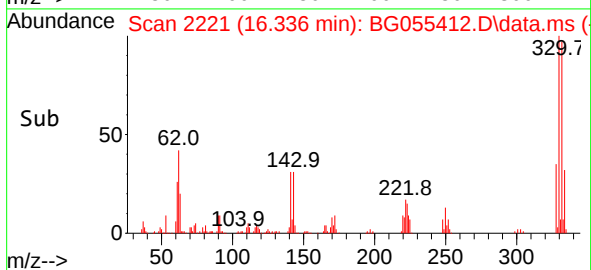
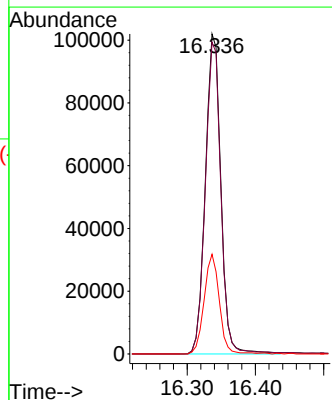
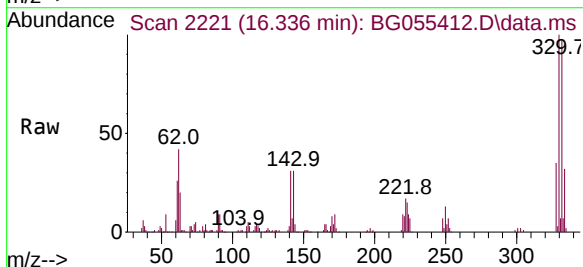
Instrument :
BNA_G
ClientSampleId :
256317-8

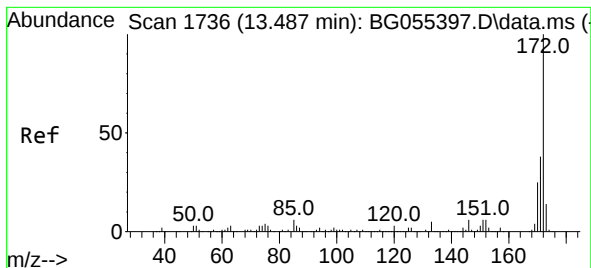
Tgt Ion:164 Resp: 86472
Ion Ratio Lower Upper
164 100
162 105.0 81.1 121.7
160 45.9 35.8 53.6



#42
2,4,6-Tribromophenol
Concen: 136.658 ng
RT: 16.336 min Scan# 2221
Delta R.T. -0.006 min
Lab File: BG055412.D
Acq: 2 Nov 2022 12:38

Tgt Ion:330 Resp: 161188
Ion Ratio Lower Upper
330 100
332 98.0 77.8 116.6
141 30.6 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 81.443 ng

RT: 13.481 min Scan# 1

Delta R.T. -0.006 min

Lab File: BG055412.D

Acq: 2 Nov 2022 12:38

Instrument :

BNA_G

ClientSampleId :

256317-8

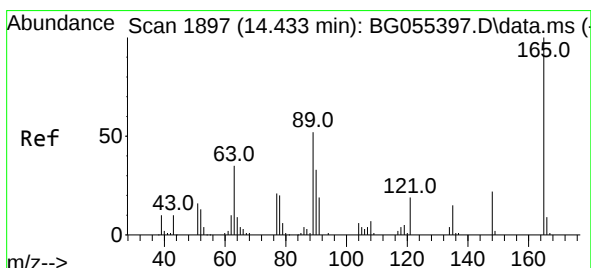
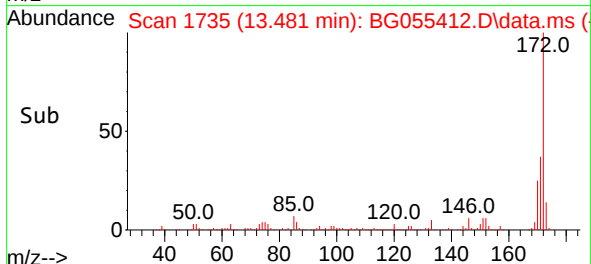
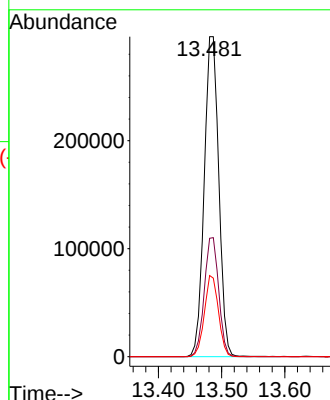
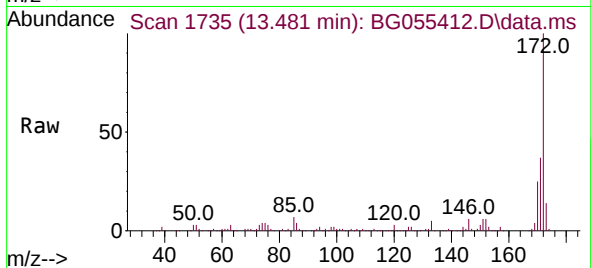
Tgt Ion:172 Resp: 474997

Ion Ratio Lower Upper

172 100

171 37.0 30.2 45.2

170 25.3 20.2 30.2



#51

2,6-Dinitrotoluene

Concen: 7.695 ng

RT: 14.856 min Scan# 1969

Delta R.T. 0.423 min

Lab File: BG055412.D

Acq: 2 Nov 2022 12:38

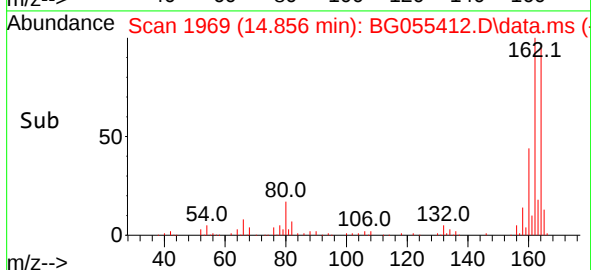
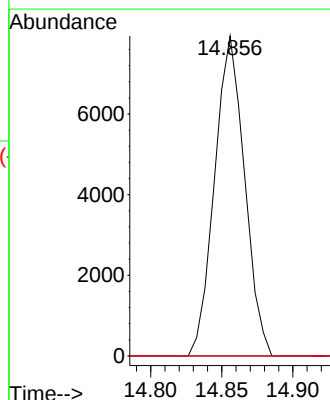
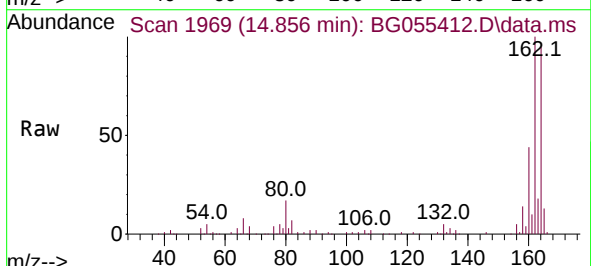
Tgt Ion:165 Resp: 11628

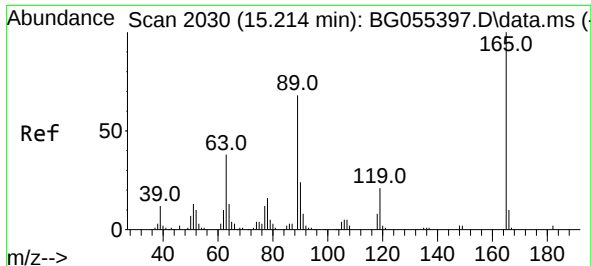
Ion Ratio Lower Upper

165 100

63 0.0 38.2 57.4#

89 0.0 41.8 62.6#





#57

2,4-Dinitrotoluene

Concen: 5.382 ng

RT: 14.856 min Scan# 1969

Delta R.T. -0.358 min

Lab File: BG055412.D

Acq: 2 Nov 2022 12:38

Instrument :

BNA_G

ClientSampleId :

256317-8

Tgt Ion:165 Resp: 11628

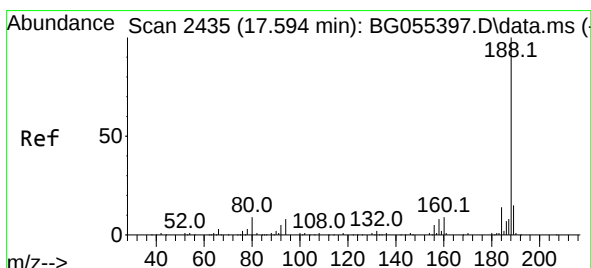
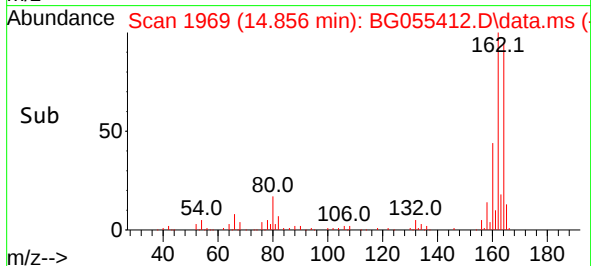
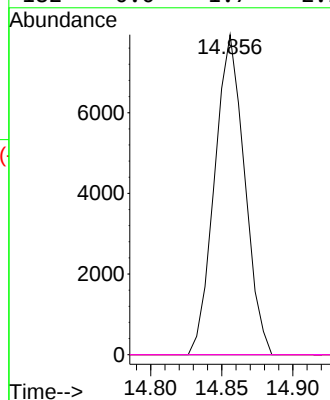
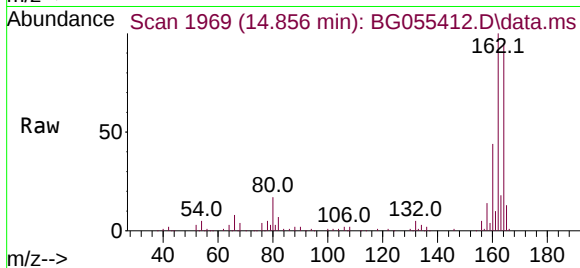
Ion Ratio Lower Upper

165 100

63 0.0 30.8 46.2#

89 0.0 54.5 81.7#

182 0.0 1.7 2.5#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.594 min Scan# 2435

Delta R.T. -0.000 min

Lab File: BG055412.D

Acq: 2 Nov 2022 12:38

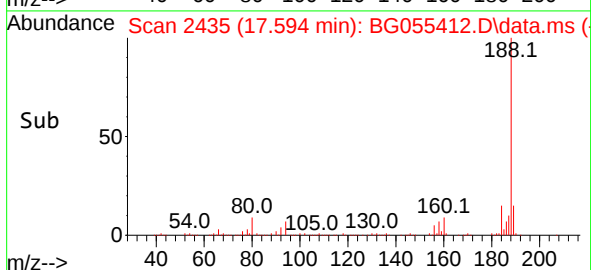
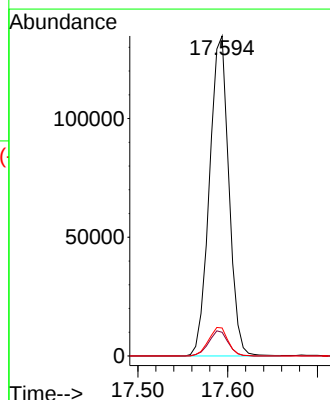
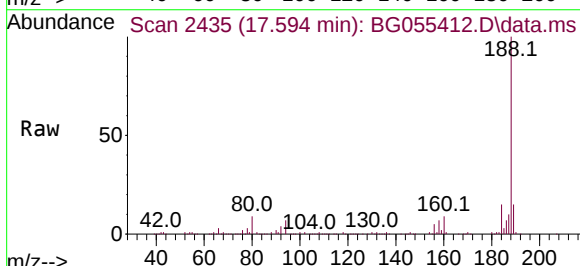
Tgt Ion:188 Resp: 201836

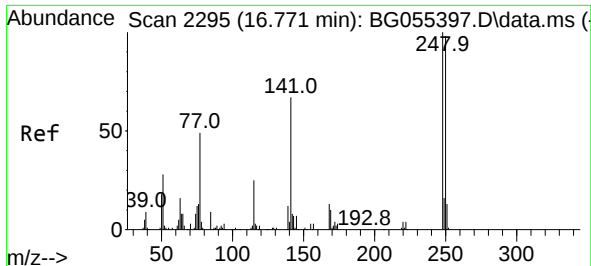
Ion Ratio Lower Upper

188 100

94 7.4 6.5 9.7

80 8.7 7.4 11.0

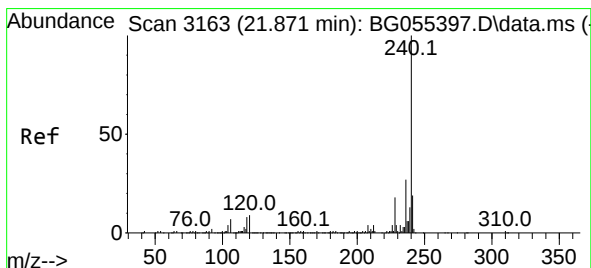
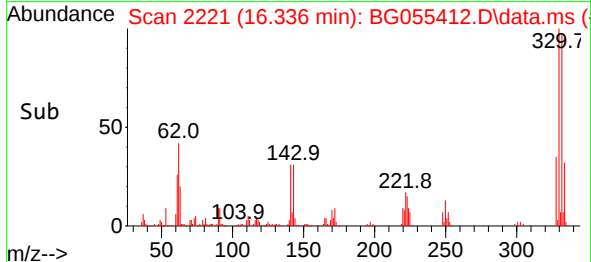
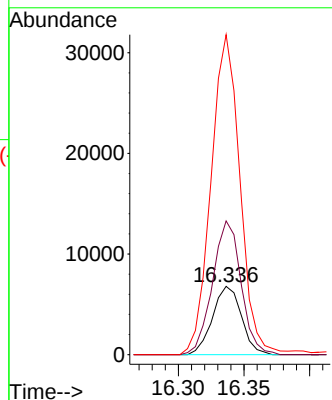
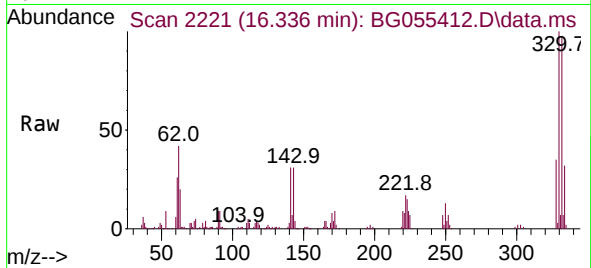




#67
4-Bromophenyl-phenylether
Concen: 4.353 ng
RT: 16.336 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG055412.D
Acq: 2 Nov 2022 12:38

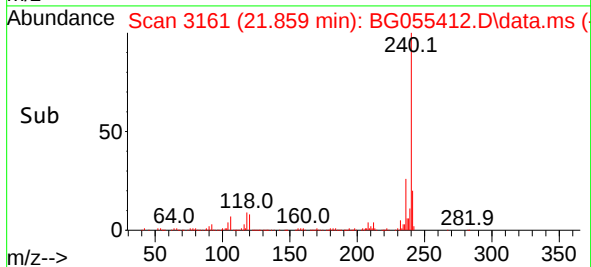
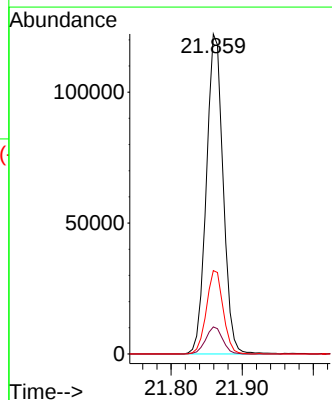
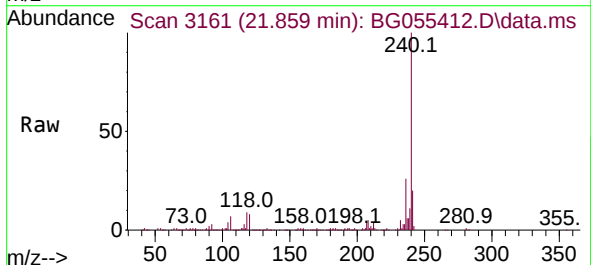
Instrument :
BNA_G
ClientSampleId :
256317-8

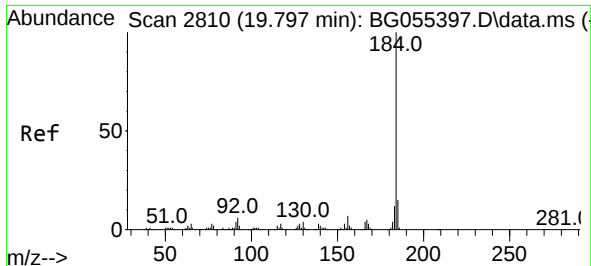
Tgt Ion:248 Resp: 10386
Ion Ratio Lower Upper
248 100
250 195.9 78.3 117.5#
141 468.5 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.859 min Scan# 3161
Delta R.T. -0.012 min
Lab File: BG055412.D
Acq: 2 Nov 2022 12:38

Tgt Ion:240 Resp: 200226
Ion Ratio Lower Upper
240 100
120 8.5 6.9 10.3
236 26.1 21.5 32.3

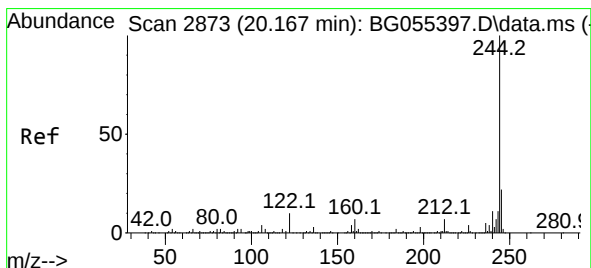
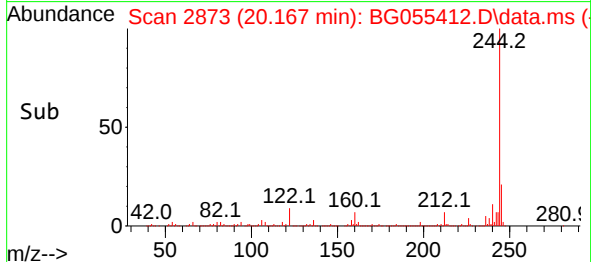
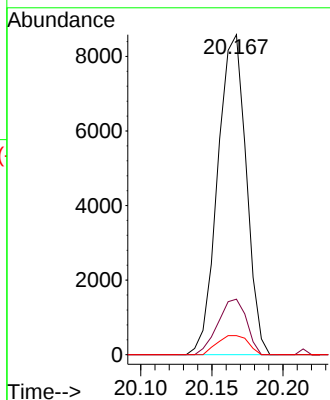
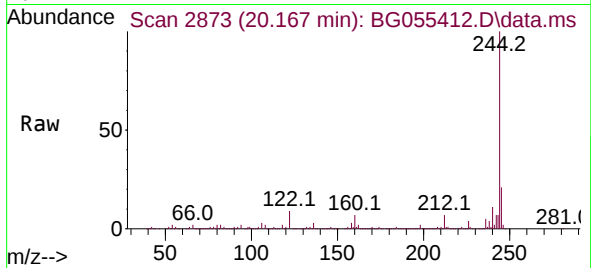




#77
Benzidine
Concen: 2.871 ng
RT: 20.167 min Scan# 2810
Delta R.T. 0.370 min
Lab File: BG055412.D
Acq: 2 Nov 2022 12:38

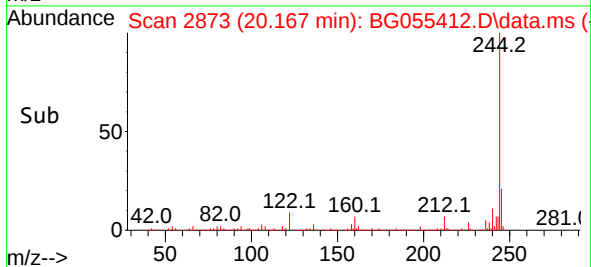
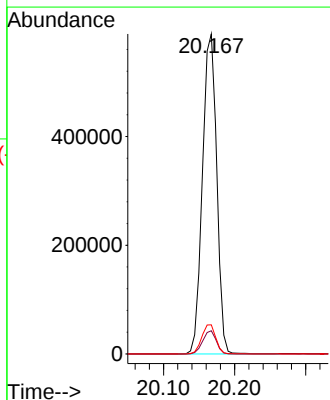
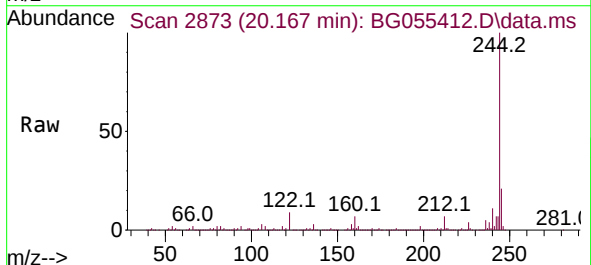
Instrument :
BNA_G
ClientSampleId :
256317-8

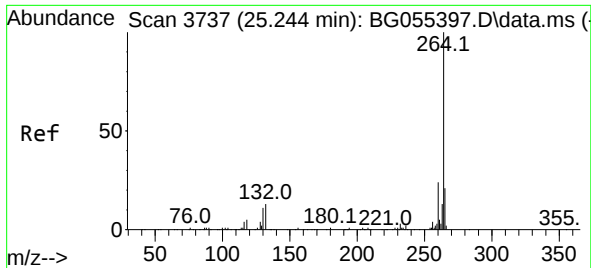
Tgt Ion:184 Resp: 11969
Ion Ratio Lower Upper
184 100
185 17.4 11.7 17.5
183 6.0 9.8 14.8#



#79
Terphenyl-d14
Concen: 80.023 ng
RT: 20.167 min Scan# 2873
Delta R.T. -0.000 min
Lab File: BG055412.D
Acq: 2 Nov 2022 12:38

Tgt Ion:244 Resp: 823980
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 9.1 7.8 11.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.232 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG055412.D
Acq: 2 Nov 2022 12:38

Instrument :
BNA_G
ClientSampleId :
256317-8

Tgt Ion:264 Resp: 215806

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.9	28.3
265	21.9	17.1	25.7

