

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG110222\
 Data File : BG055427.D
 Acq On : 2 Nov 2022 23:20
 Operator : CG/JU
 Sample : N5396-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-G

Quant Time: Nov 03 06:13:07 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)

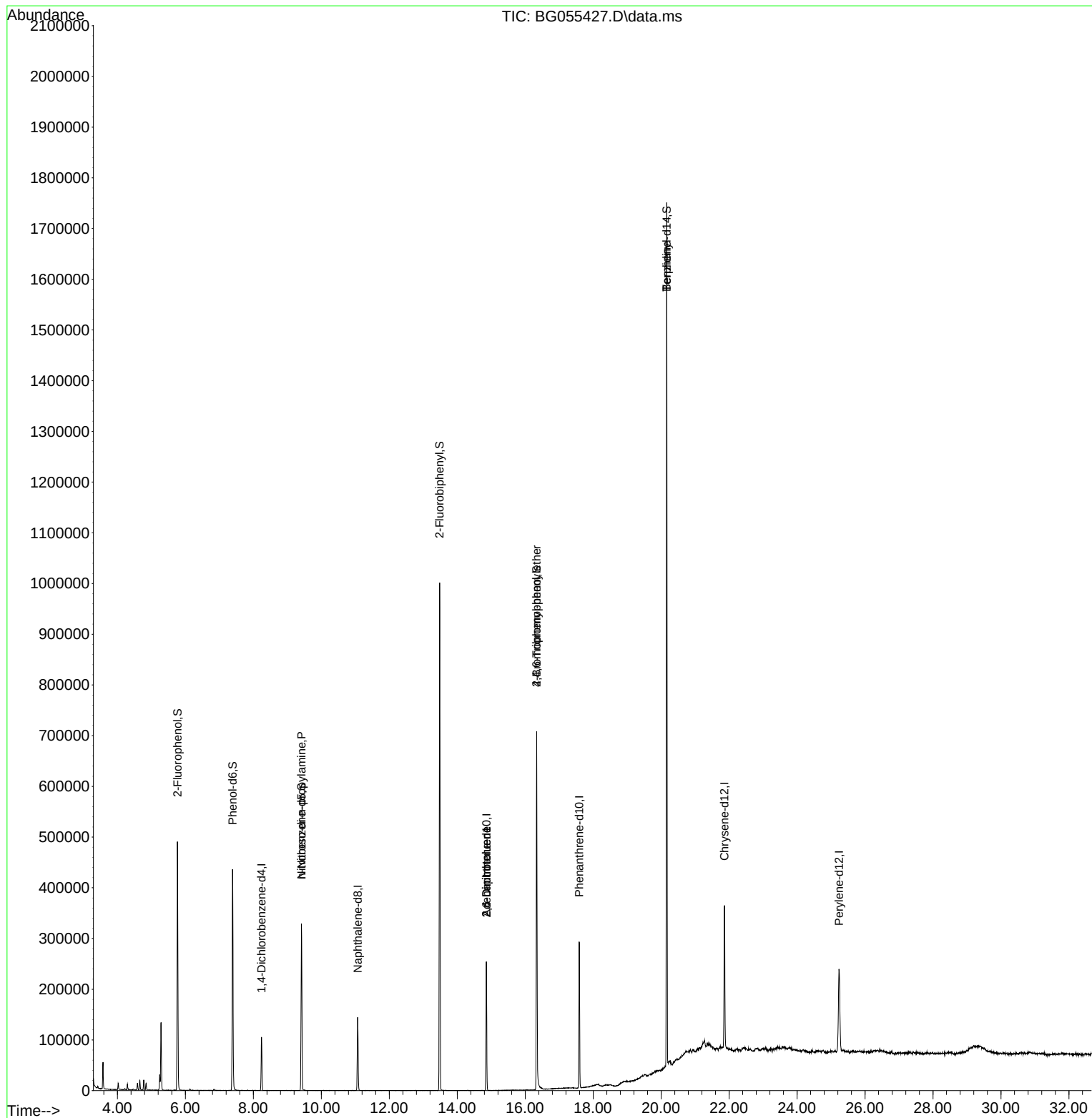
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.240	152	31943	20.000	ng	0.00
21) Naphthalene-d8	11.072	136	135049	20.000	ng	0.00
39) Acenaphthene-d10	14.856	164	91864	20.000	ng	0.00
64) Phenanthrene-d10	17.588	188	191943	20.000	ng	0.00
76) Chrysene-d12	21.866	240	186484	20.000	ng	0.00
86) Perylene-d12	25.238	264	200792	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.767	112	229421	128.981	ng	0.00
7) Phenol-d6	7.389	99	273860	111.026	ng	0.00
23) Nitrobenzene-d5	9.416	82	206884	81.643	ng	0.00
42) 2,4,6-Tribromophenol	16.337	330	163101	130.164	ng	0.00
45) 2-Fluorobiphenyl	13.481	172	534342	86.241	ng	0.00
79) Terphenyl-d14	20.168	244	844542	88.063	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.416	70	27603	14.321	ng	# 79
51) 2,6-Dinitrotoluene	14.856	165	11810	7.357	ng	# 27
57) 2,4-Dinitrotoluene	14.856	165	11810	5.145	ng	# 25
67) 4-Bromophenyl-phenylether	16.337	248	9993	4.404	ng	# 1
77) Benzidine	20.162	184	11982	3.086	ng	# 92

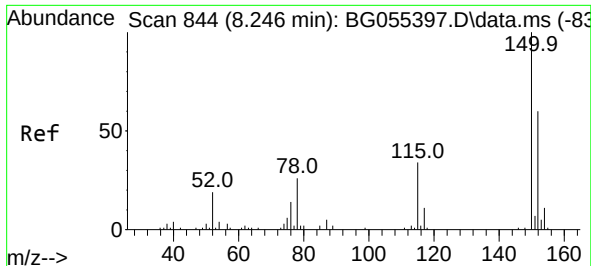
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

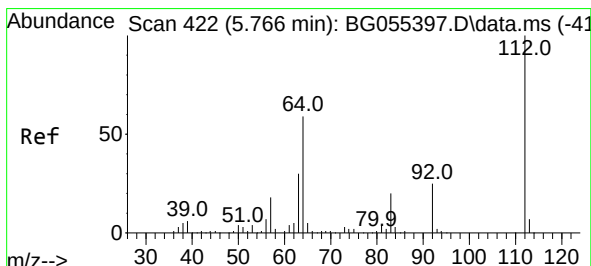
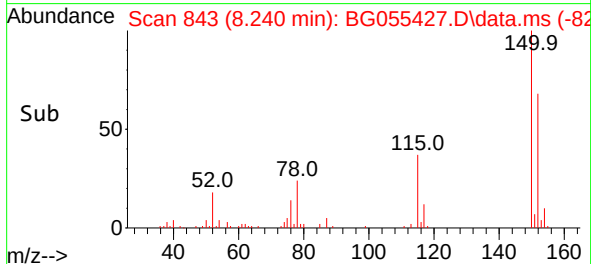
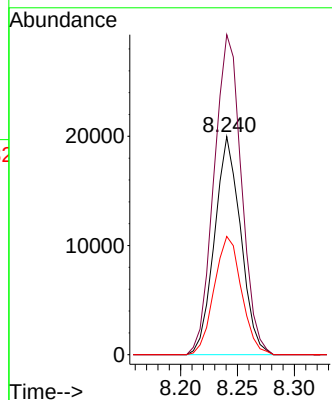
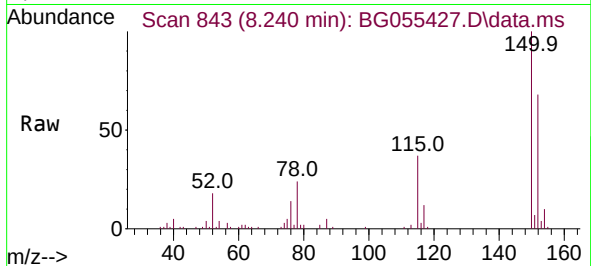




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.240 min Scan# 844
Delta R.T. -0.006 min
Lab File: BG055427.D
Acq: 2 Nov 2022 23:20

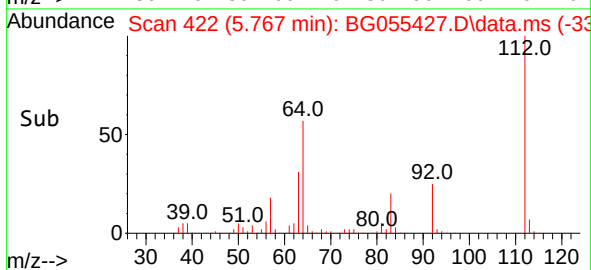
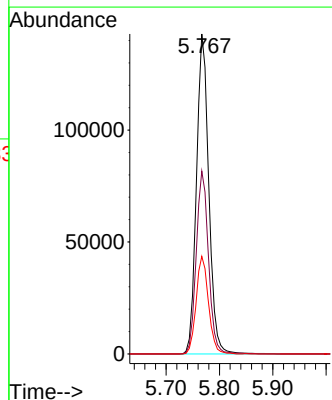
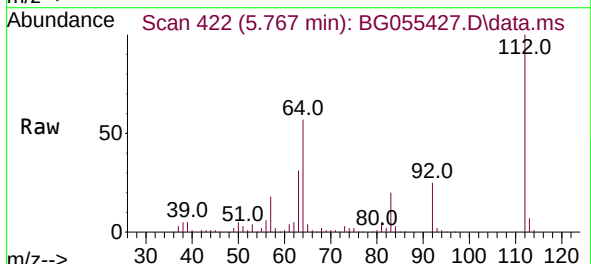
Instrument :
BNA_G
ClientSampleId :
TP-G

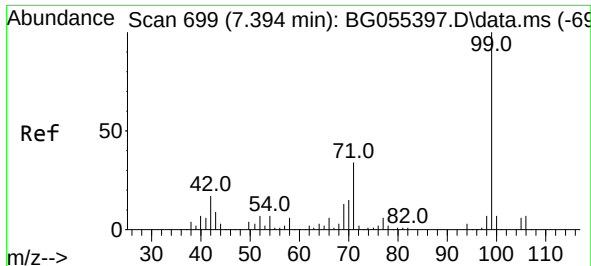
Tgt Ion:152 Resp: 31943
Ion Ratio Lower Upper
152 100
150 146.8 132.8 199.2
115 54.2 45.1 67.7



#5
2-Fluorophenol
Concen: 128.981 ng
RT: 5.767 min Scan# 422
Delta R.T. 0.000 min
Lab File: BG055427.D
Acq: 2 Nov 2022 23:20

Tgt Ion:112 Resp: 229421
Ion Ratio Lower Upper
112 100
64 57.2 47.2 70.8
63 30.5 24.3 36.5

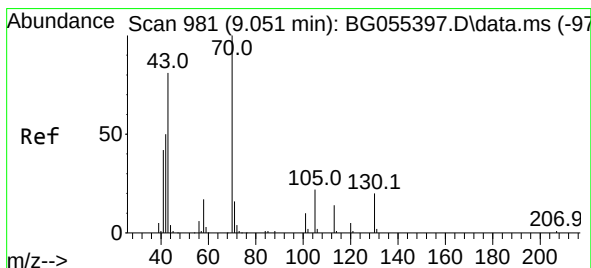
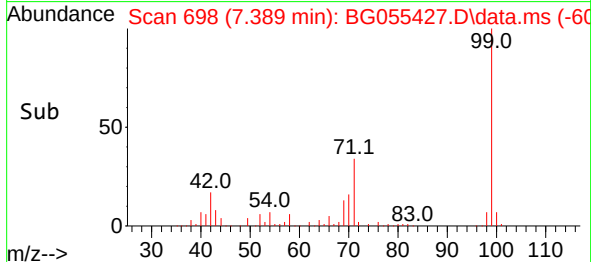
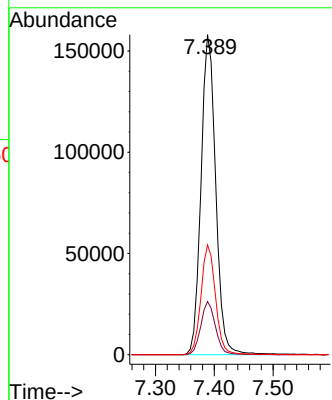
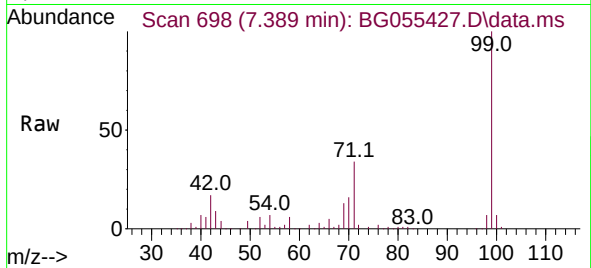




#7
Phenol-d6
Concen: 111.026 ng
RT: 7.389 min Scan# 69
Delta R.T. -0.005 min
Lab File: BG055427.D
Acq: 2 Nov 2022 23:20

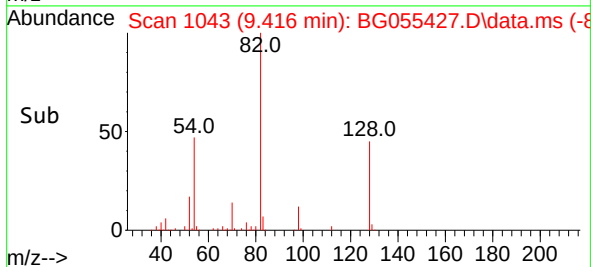
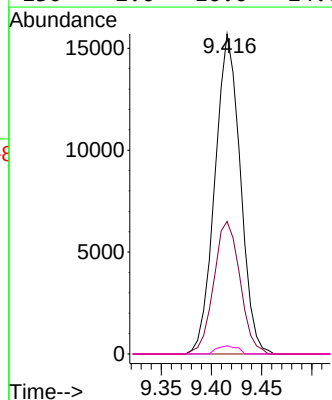
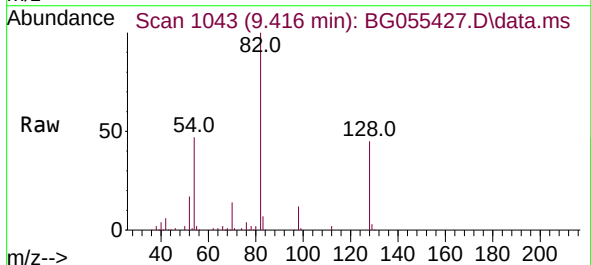
Instrument :
BNA_G
ClientSampleId :
TP-G

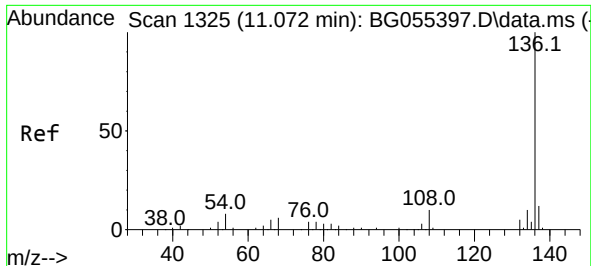
Tgt Ion: 99 Resp: 273860
Ion Ratio Lower Upper
99 100
42 16.6 13.5 20.3
71 34.3 27.4 41.0



#19
n-Nitroso-di-n-propylamine
Concen: 14.321 ng
RT: 9.416 min Scan# 1043
Delta R.T. 0.365 min
Lab File: BG055427.D
Acq: 2 Nov 2022 23:20

Tgt Ion: 70 Resp: 27603
Ion Ratio Lower Upper
70 100
42 41.4 40.6 61.0
101 0.0 7.8 11.6#
130 2.6 16.0 24.0#



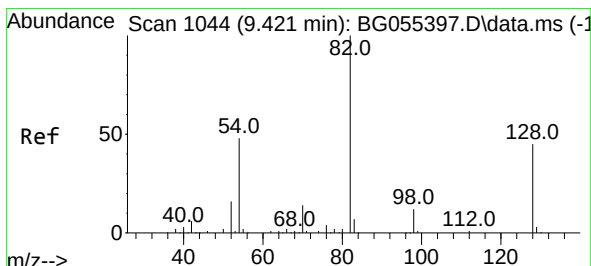
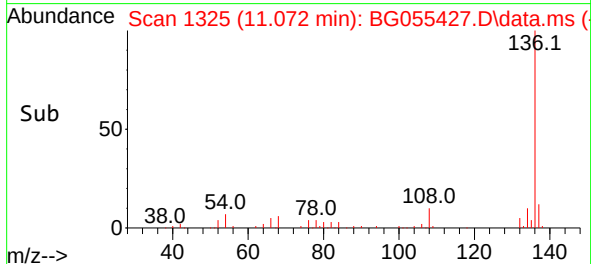
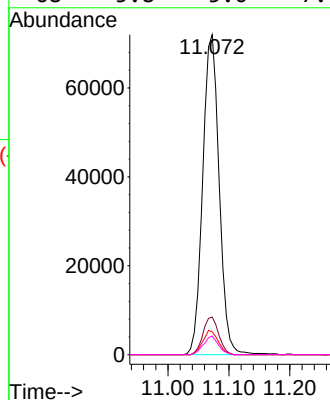
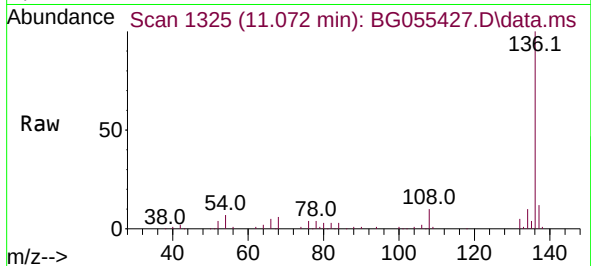


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.072 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG055427.D
Acq: 2 Nov 2022 23:20

Instrument :
BNA_G
ClientSampleId :
TP-G

Tgt Ion:136 Resp: 135049

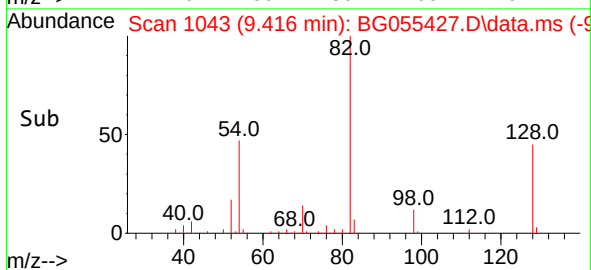
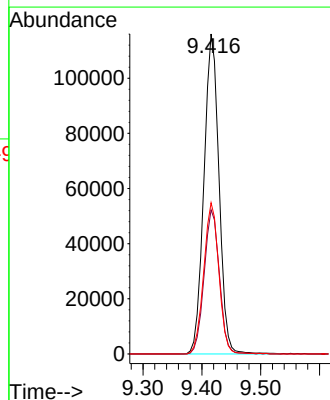
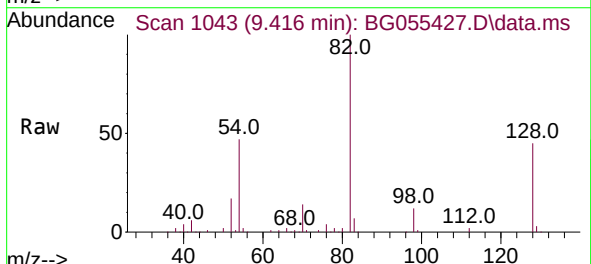
Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.4	14.2
54	7.1	6.1	9.1
68	5.8	5.0	7.4

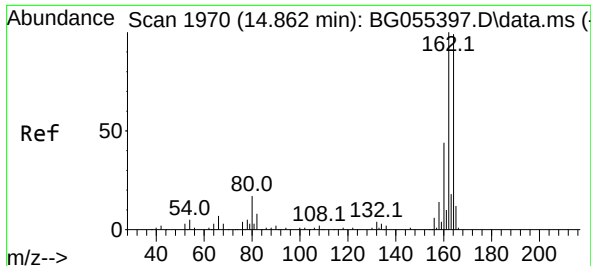


#23
Nitrobenzene-d5
Concen: 81.643 ng
RT: 9.416 min Scan# 1043
Delta R.T. -0.005 min
Lab File: BG055427.D
Acq: 2 Nov 2022 23:20

Tgt Ion: 82 Resp: 206884

Ion	Ratio	Lower	Upper
82	100		
128	45.1	35.8	53.8
54	47.3	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: BG055427.D

Acq: 2 Nov 2022 23:20

Instrument :

BNA_G

ClientSampleId :

TP-G

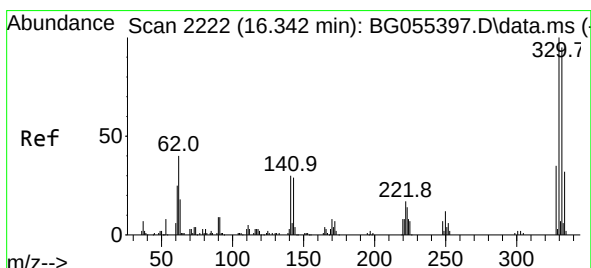
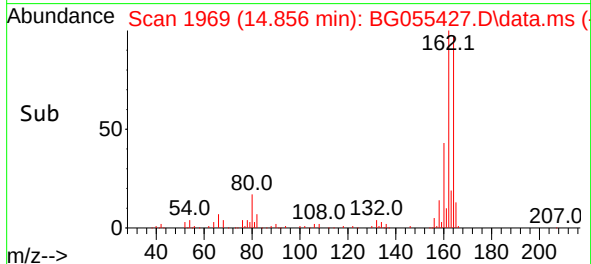
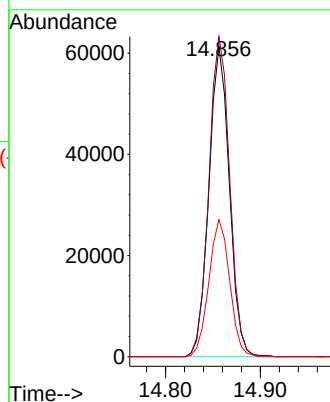
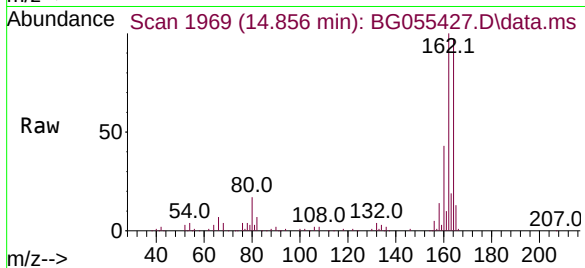
Tgt Ion:164 Resp: 91864

Ion Ratio Lower Upper

164 100

162 103.2 81.1 121.7

160 44.2 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 130.164 ng

RT: 16.337 min Scan# 2221

Delta R.T. -0.006 min

Lab File: BG055427.D

Acq: 2 Nov 2022 23:20

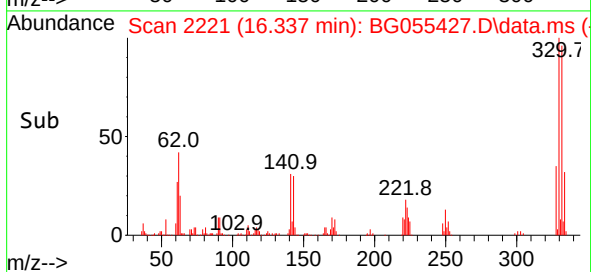
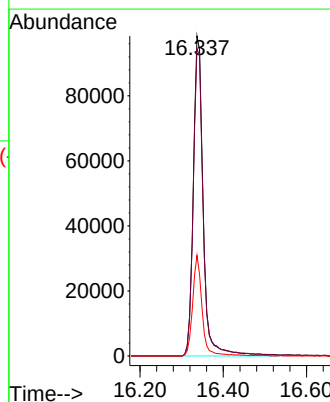
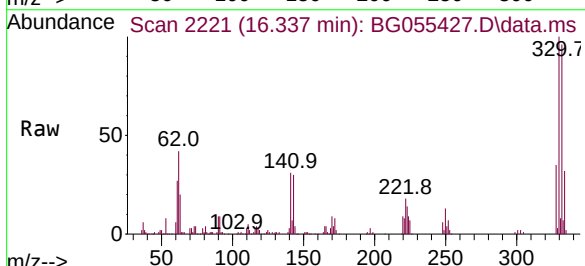
Tgt Ion:330 Resp: 163101

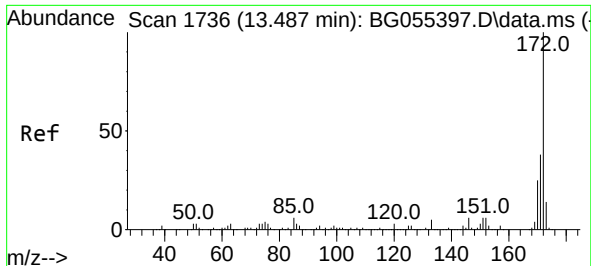
Ion Ratio Lower Upper

330 100

332 97.5 77.8 116.6

141 29.7 24.2 36.2

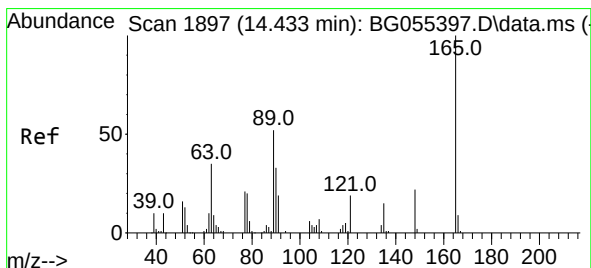
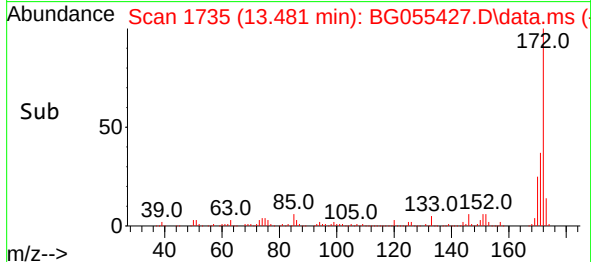
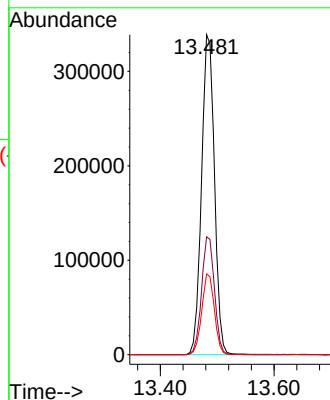
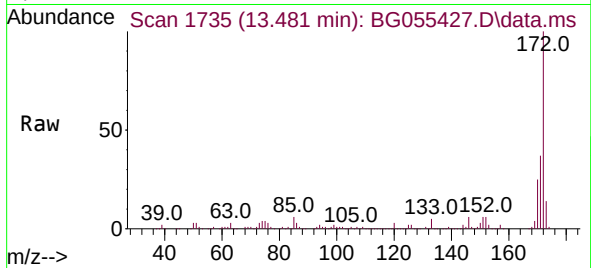




#45
2-Fluorobiphenyl
Concen: 86.241 ng
RT: 13.481 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG055427.D
Acq: 2 Nov 2022 23:20

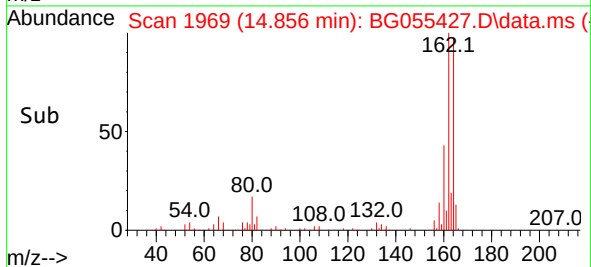
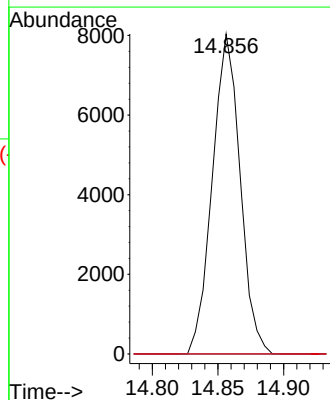
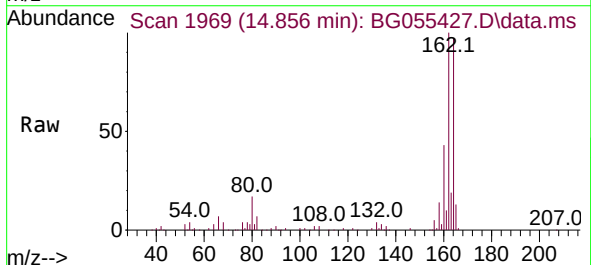
Instrument :
BNA_G
ClientSampleId :
TP-G

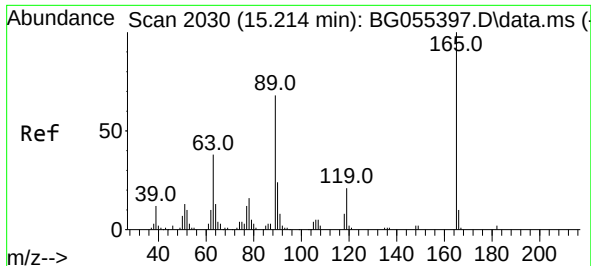
Tgt Ion:172 Resp: 534342
Ion Ratio Lower Upper
172 100
171 36.8 30.2 45.2
170 25.2 20.2 30.2



#51
2,6-Dinitrotoluene
Concen: 7.357 ng
RT: 14.856 min Scan# 1969
Delta R.T. 0.423 min
Lab File: BG055427.D
Acq: 2 Nov 2022 23:20

Tgt Ion:165 Resp: 11810
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: 5.145 ng

RT: 14.856 min Scan# 1969

Delta R.T. -0.358 min

Lab File: BG055427.D

Acq: 2 Nov 2022 23:20

Instrument :

BNA_G

ClientSampleId :

TP-G

Tgt Ion:165 Resp: 11810

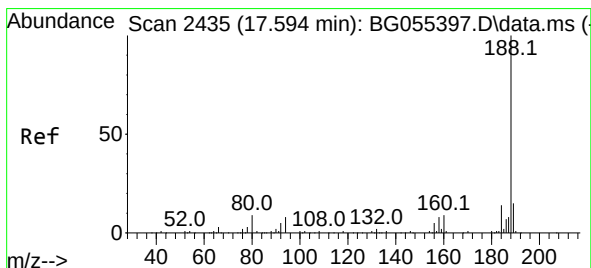
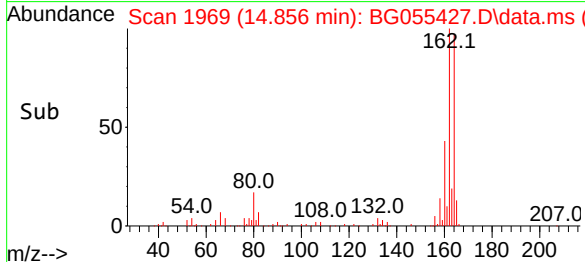
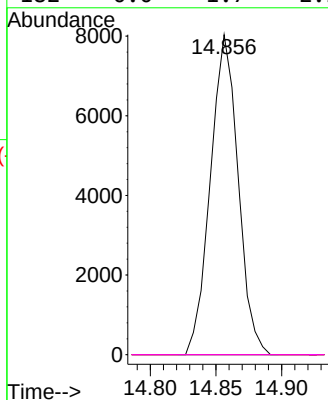
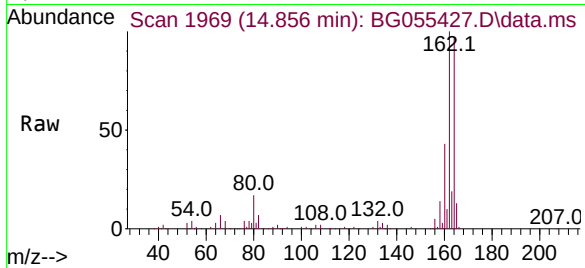
Ion Ratio Lower Upper

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: 17.588 min Scan# 2434

Delta R.T. -0.006 min

Lab File: BG055427.D

Acq: 2 Nov 2022 23:20

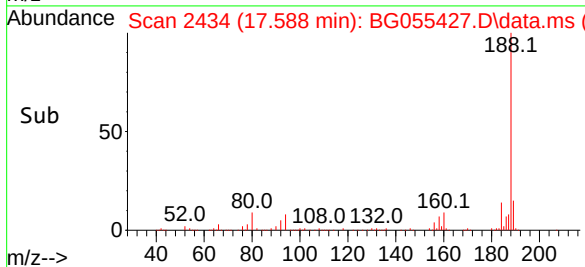
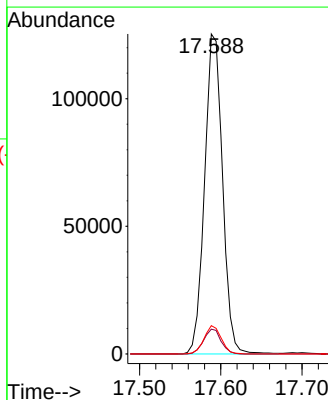
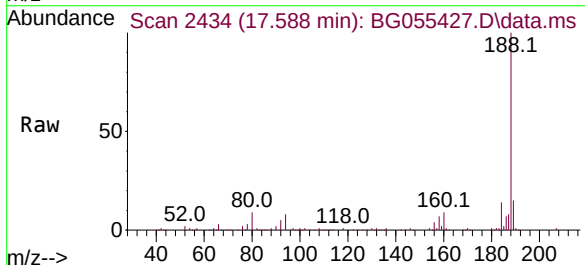
Tgt Ion:188 Resp: 191943

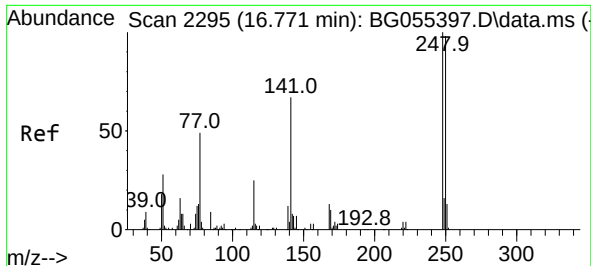
Ion Ratio Lower Upper

188 100

94 7.8 6.5 9.7

80 8.8 7.4 11.0

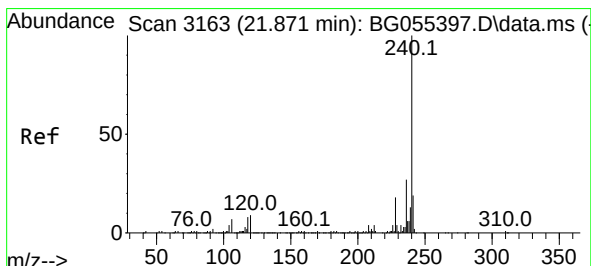
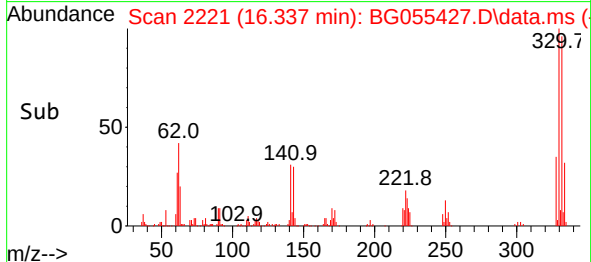
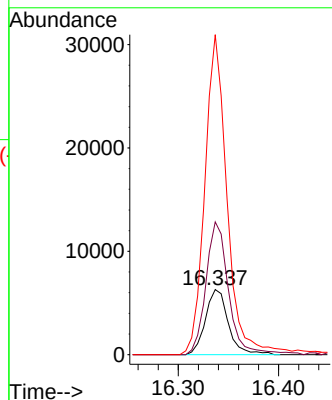
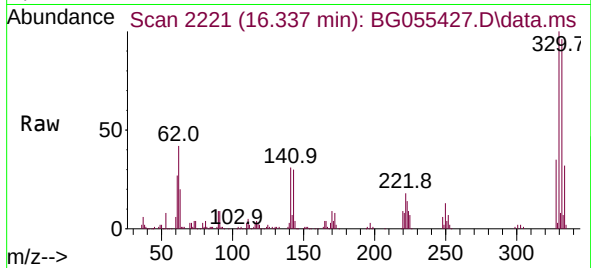




#67
4-Bromophenyl-phenylether
Concen: 4.404 ng
RT: 16.337 min Scan# 21
Delta R.T. -0.434 min
Lab File: BG055427.D
Acq: 2 Nov 2022 23:20

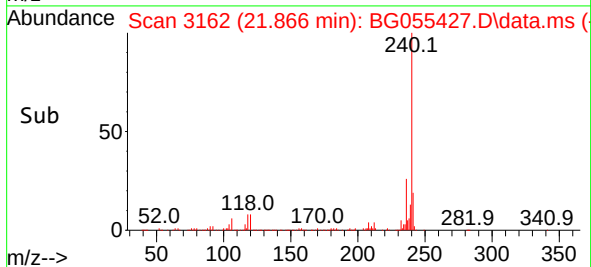
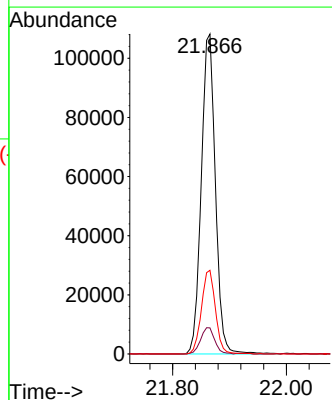
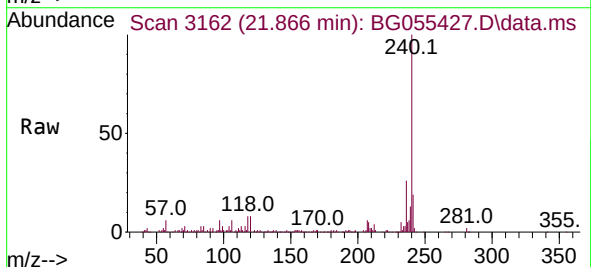
Instrument :
BNA_G
ClientSampleId :
TP-G

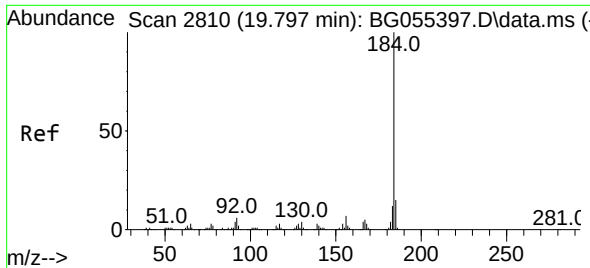
Tgt Ion:248 Resp: 9993
Ion Ratio Lower Upper
248 100
250 203.8 78.3 117.5#
141 491.0 53.7 80.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.866 min Scan# 3162
Delta R.T. -0.005 min
Lab File: BG055427.D
Acq: 2 Nov 2022 23:20

Tgt Ion:240 Resp: 186484
Ion Ratio Lower Upper
240 100
120 8.2 6.9 10.3
236 26.2 21.5 32.3

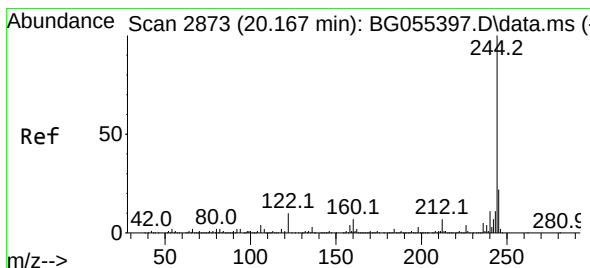
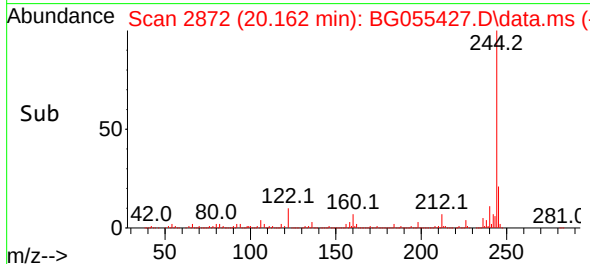
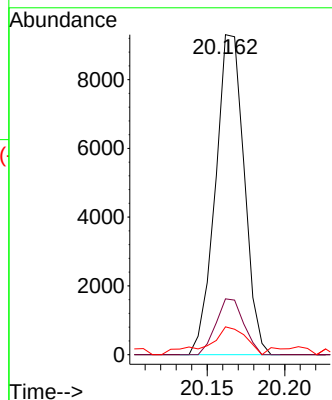
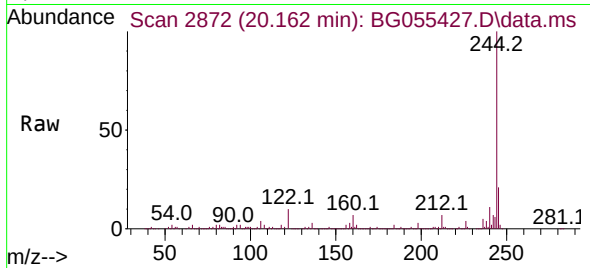




#77
Benzidine
Concen: 3.086 ng
RT: 20.162 min Scan# 2810
Delta R.T. 0.365 min
Lab File: BG055427.D
Acq: 2 Nov 2022 23:20

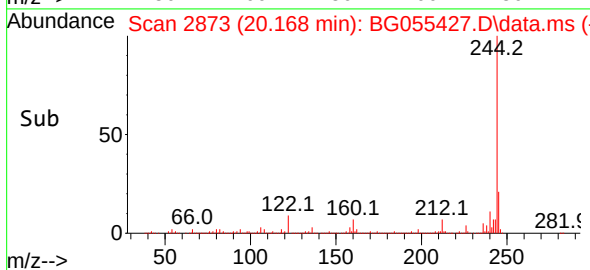
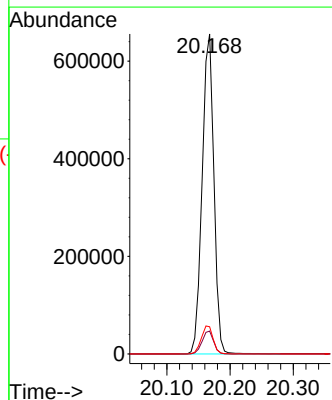
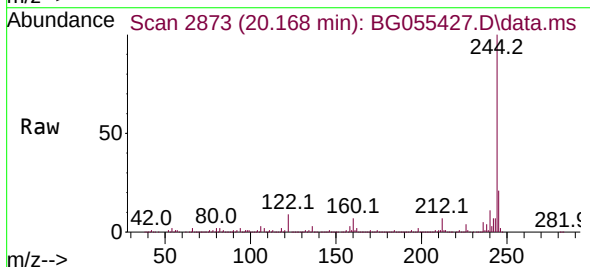
Instrument :
BNA_G
ClientSampleId :
TP-G

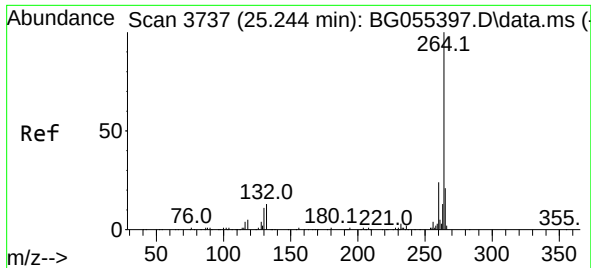
Tgt Ion:184 Resp: 11982
Ion Ratio Lower Upper
184 100
185 17.5 11.7 17.5
183 8.7 9.8 14.8#



#79
Terphenyl-d14
Concen: 88.063 ng
RT: 20.168 min Scan# 2873
Delta R.T. 0.000 min
Lab File: BG055427.D
Acq: 2 Nov 2022 23:20

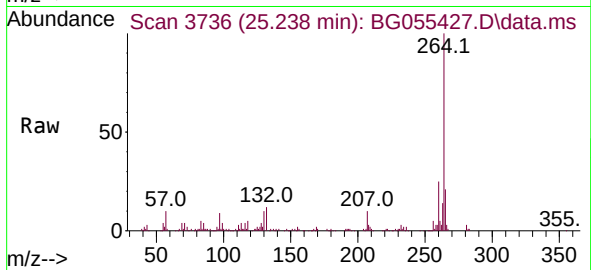
Tgt Ion:244 Resp: 844542
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 8.5 7.8 11.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.238 min Scan# 31
 Delta R.T. -0.005 min
 Lab File: BG055427.D
 Acq: 2 Nov 2022 23:20

Instrument :
 BNA_G
 ClientSampleId :
 TP-G



Tgt Ion:264 Resp: 200792
 Ion Ratio Lower Upper
 264 100
 260 24.9 18.9 28.3
 265 21.0 17.1 25.7

