

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112922\
 Data File : BG055832.D
 Acq On : 29 Nov 2022 17:23
 Operator : CG/JU
 Sample : N5796-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-N

Quant Time: Nov 30 02:05:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 30 02:01:09 2022
 Response via : Initial Calibration

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

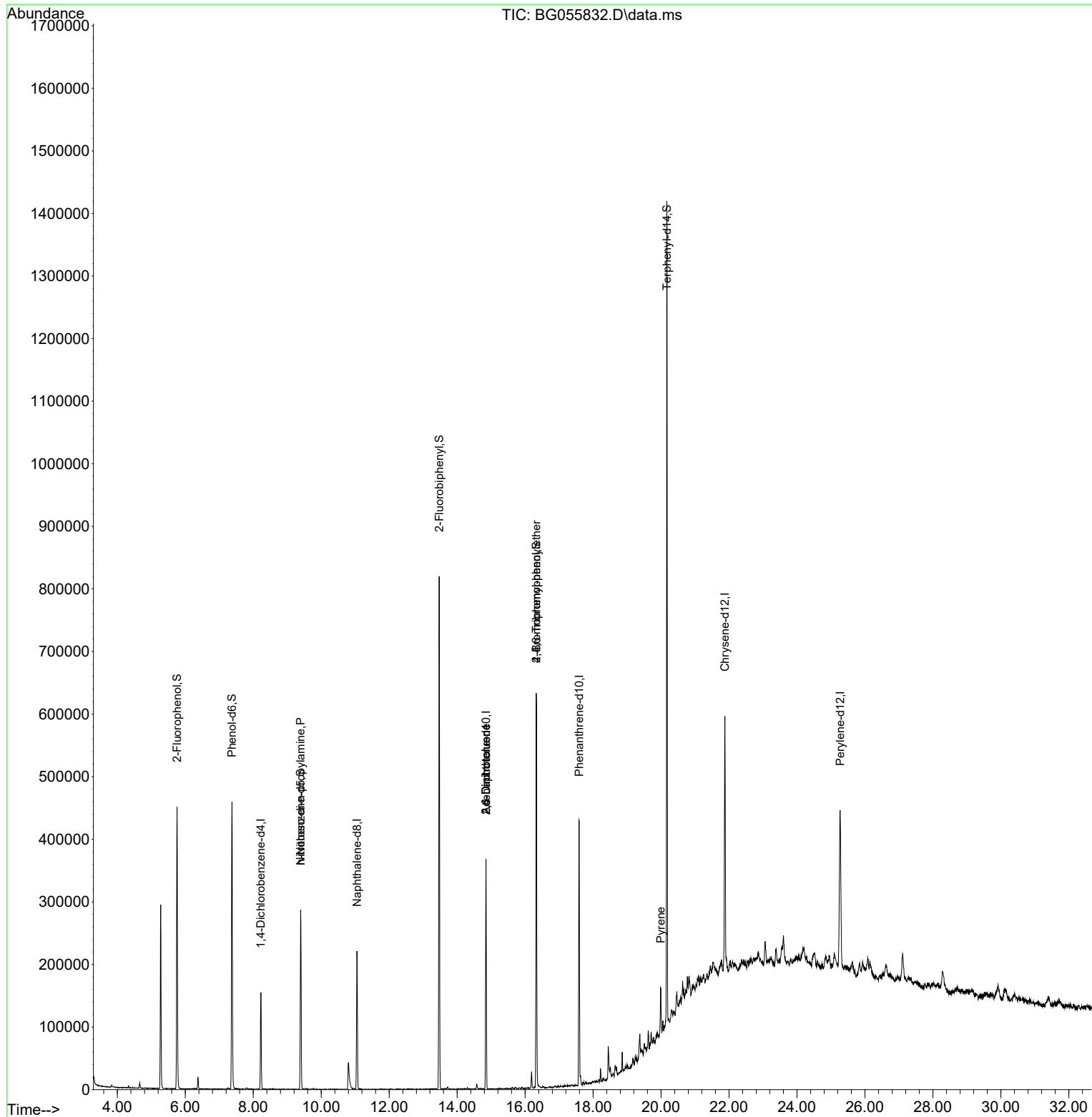
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.225	152	44969	20.000	ng	0.00
21) Naphthalene-d8	11.051	136	185125	20.000	ng	0.00
39) Acenaphthene-d10	14.847	164	129680	20.000	ng	0.00
64) Phenanthrene-d10	17.591	188	283694	20.000	ng	0.00
76) Chrysene-d12	21.880	240	265953	20.000	ng	0.00
86) Perylene-d12	25.270	264	287189	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.757	112	199087	80.023	ng	0.00
7) Phenol-d6	7.373	99	264818	79.963	ng	0.00
23) Nitrobenzene-d5	9.394	82	166961	47.669	ng	0.00
42) 2,4,6-Tribromophenol	16.333	330	137857	75.494	ng	0.00
45) 2-Fluorobiphenyl	13.472	172	426184	49.235	ng	0.00
79) Terphenyl-d14	20.170	244	676851	50.903	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.394	70	23123	9.087	ng	# 72
51) 2,6-Dinitrotoluene	14.847	165	17127	8.103	ng	# 26
57) 2,4-Dinitrotoluene	14.847	165	17127	5.747	ng	# 24
67) 4-Bromophenyl-phenylether	16.333	248	8695	2.690	ng	# 1
78) Pyrene	19.988	202	41550	2.308	ng	94

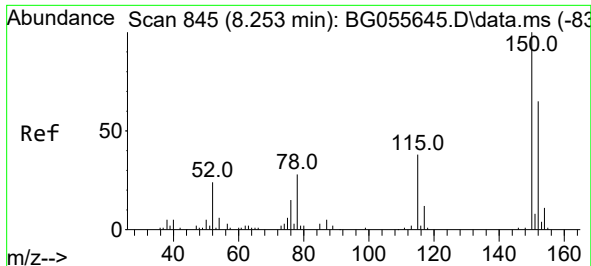
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112922\
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Misc :
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BNA_G
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TP-N

Quant Time: Nov 30 02:05:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG11622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 30 02:01:09 2022
Response via : Initial Calibration

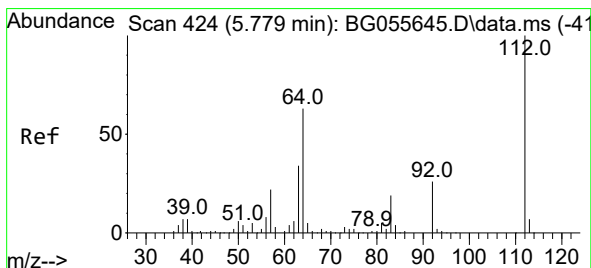
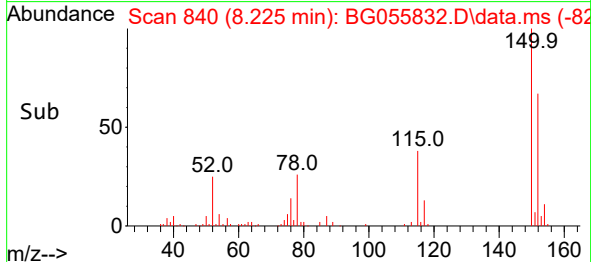
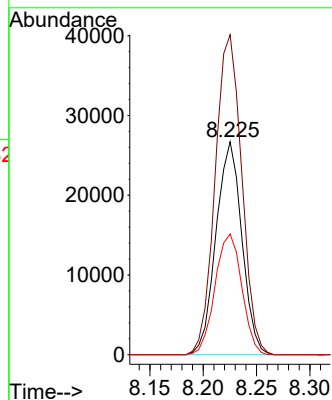
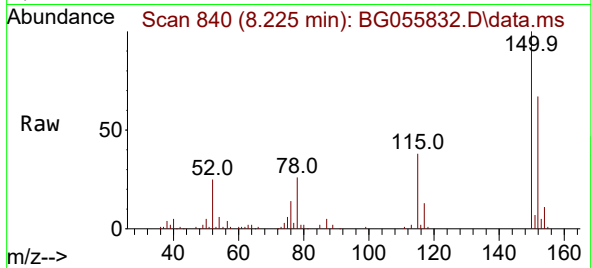




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.225 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG055832.D
Acq: 29 Nov 2022 17:23

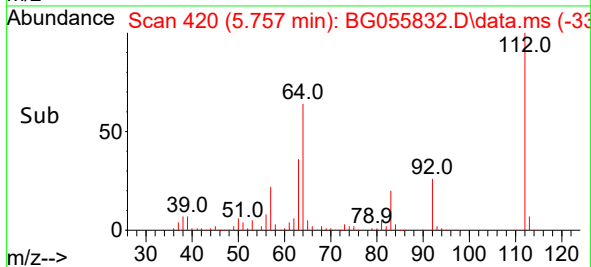
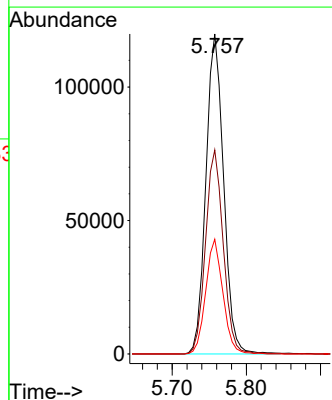
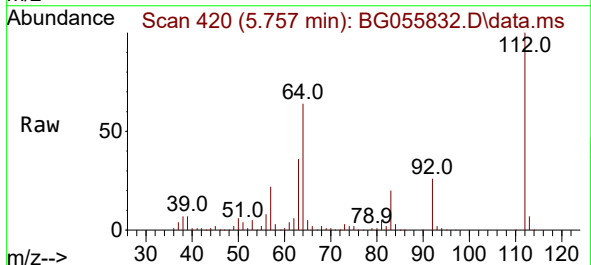
Instrument :
BNA_G
ClientSampleId :
TP-N

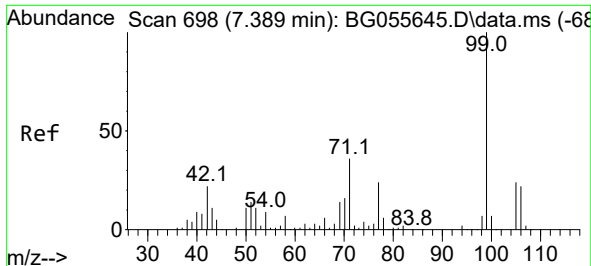
Tgt Ion:152 Resp: 44969
Ion Ratio Lower Upper
152 100
150 150.3 123.0 184.6
115 56.6 47.0 70.4



#5
2-Fluorophenol
Concen: 80.023 ng
RT: 5.757 min Scan# 420
Delta R.T. -0.001 min
Lab File: BG055832.D
Acq: 29 Nov 2022 17:23

Tgt Ion:112 Resp: 199087
Ion Ratio Lower Upper
112 100
64 63.8 50.6 76.0
63 35.8 27.5 41.3

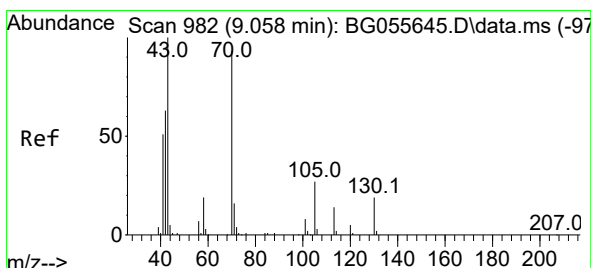
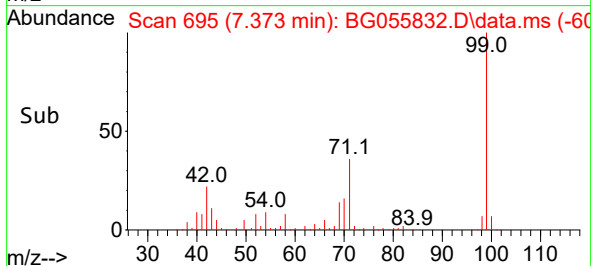
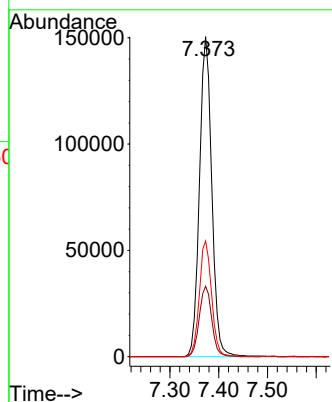
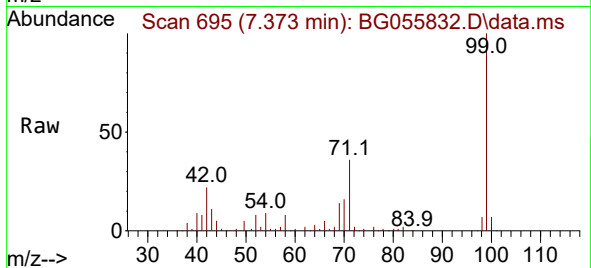




#7
Phenol-d6
Concen: 79.963 ng
RT: 7.373 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG055832.D
Acq: 29 Nov 2022 17:23

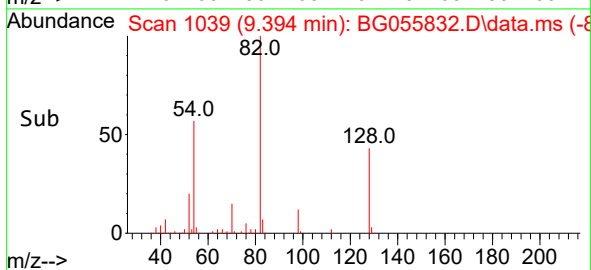
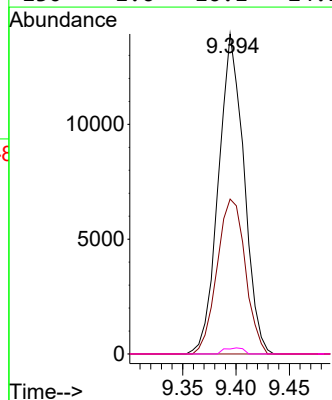
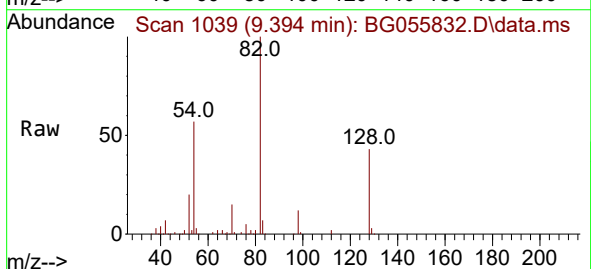
Instrument :
BNA_G
ClientSampleId :
TP-N

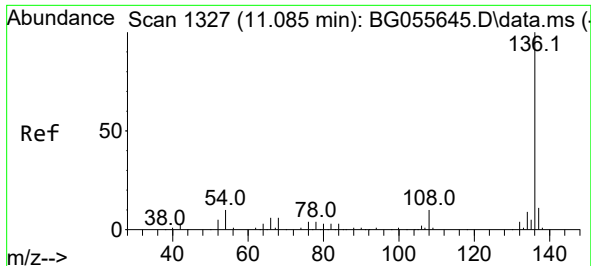
Tgt Ion: 99 Resp: 264818
Ion Ratio Lower Upper
99 100
42 22.0 18.0 27.0
71 36.2 29.0 43.6



#19
n-Nitroso-di-n-propylamine
Concen: 9.087 ng
RT: 9.394 min Scan# 1039
Delta R.T. 0.364 min
Lab File: BG055832.D
Acq: 29 Nov 2022 17:23

Tgt Ion: 70 Resp: 23123
Ion Ratio Lower Upper
70 100
42 48.4 55.2 82.8#
101 0.0 7.1 10.7#
130 1.6 16.1 24.1#

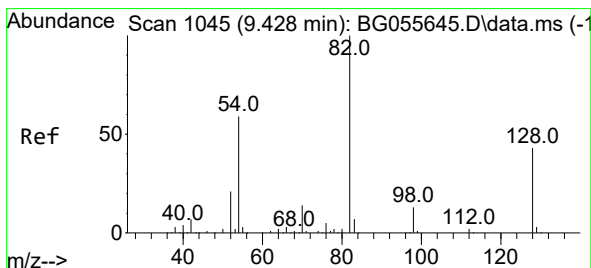
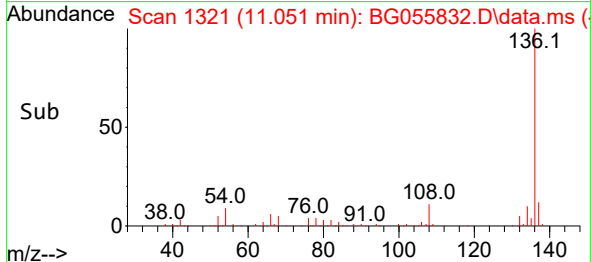
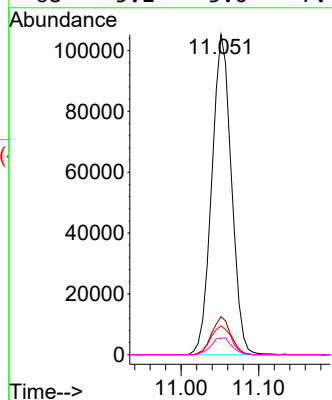
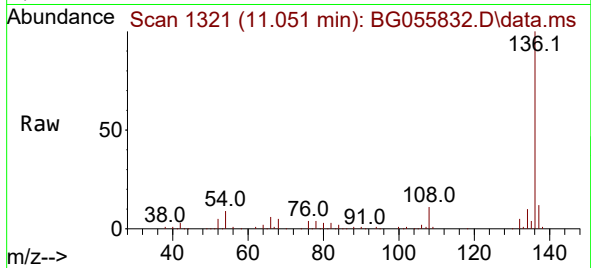




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.051 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG055832.D
Acq: 29 Nov 2022 17:23

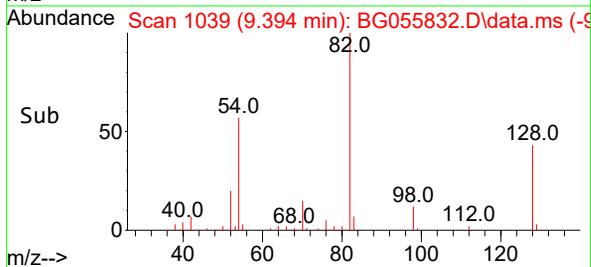
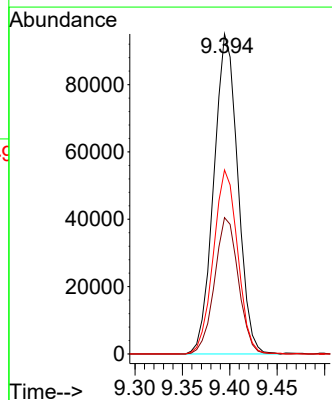
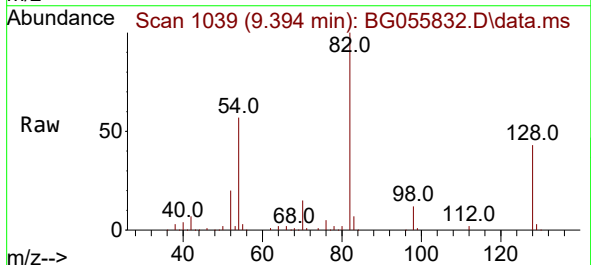
Instrument :
BNA_G
ClientSampleId :
TP-N

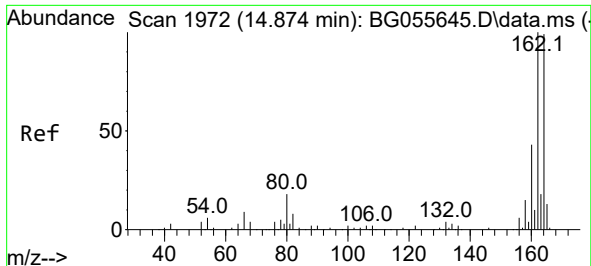
Tgt Ion:136 Resp: 185125
Ion Ratio Lower Upper
136 100
137 11.9 9.0 13.6
54 9.0 7.8 11.6
68 5.1 5.0 7.4



#23
Nitrobenzene-d5
Concen: 47.669 ng
RT: 9.394 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BG055832.D
Acq: 29 Nov 2022 17:23

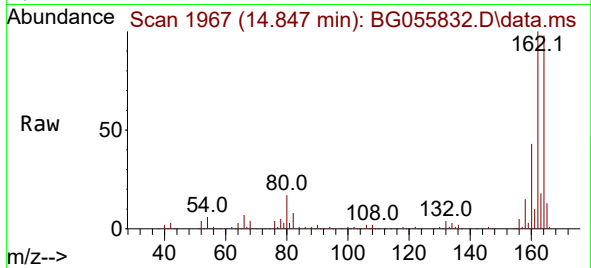
Tgt Ion: 82 Resp: 166961
Ion Ratio Lower Upper
82 100
128 42.6 34.1 51.1
54 57.5 47.3 70.9



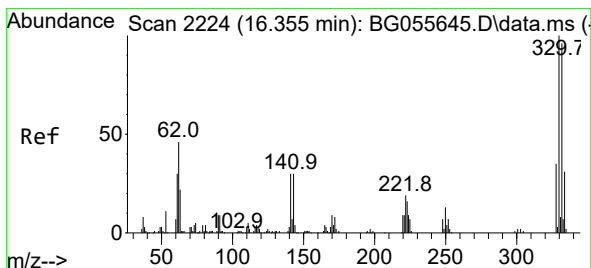
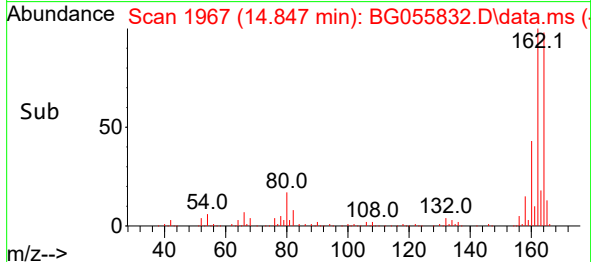
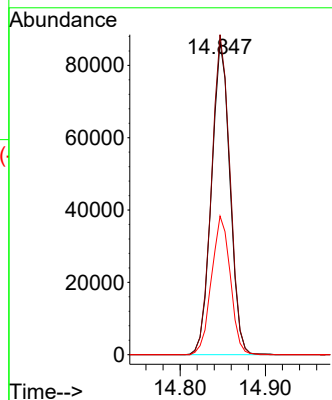


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.847 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BG055832.D
Acq: 29 Nov 2022 17:23

Instrument :
BNA_G
ClientSampleId :
TP-N

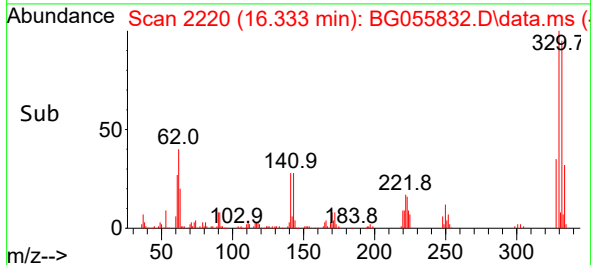
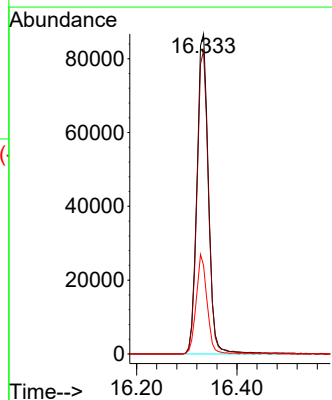
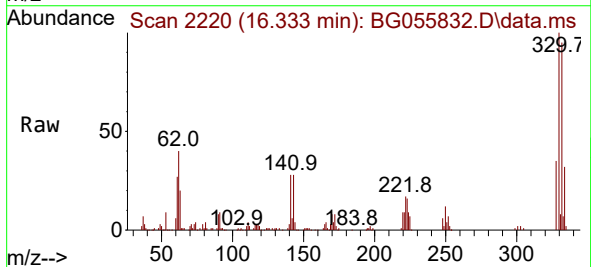


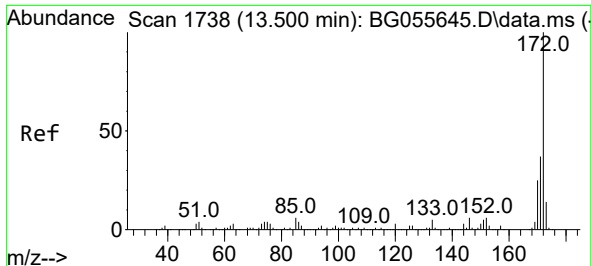
Tgt Ion:164 Resp: 129680
Ion Ratio Lower Upper
164 100
162 102.2 81.1 121.7
160 44.3 34.8 52.2



#42
2,4,6-Tribromophenol
Concen: 75.494 ng
RT: 16.333 min Scan# 2220
Delta R.T. -0.001 min
Lab File: BG055832.D
Acq: 29 Nov 2022 17:23

Tgt Ion:330 Resp: 137857
Ion Ratio Lower Upper
330 100
332 94.6 77.8 116.8
141 29.3 23.9 35.9

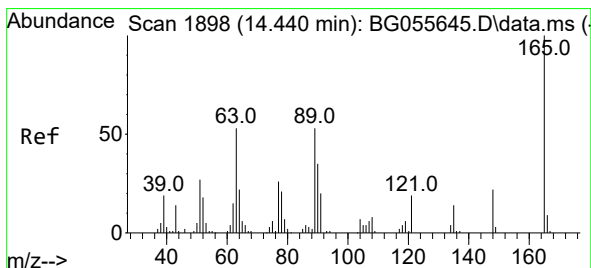
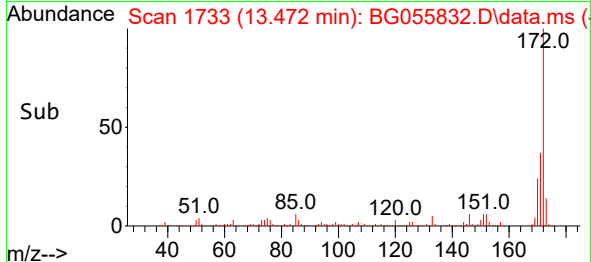
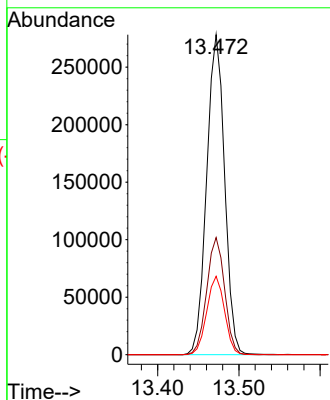
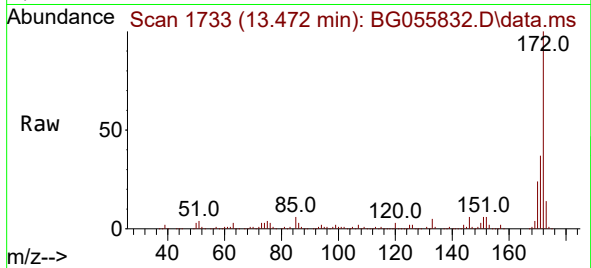




#45
2-Fluorobiphenyl
Concen: 49.235 ng
RT: 13.472 min Scan# 1
Delta R.T. -0.001 min
Lab File: BG055832.D
Acq: 29 Nov 2022 17:23

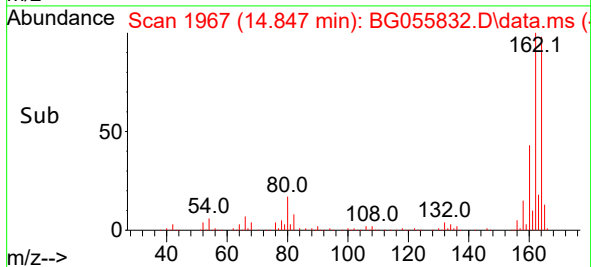
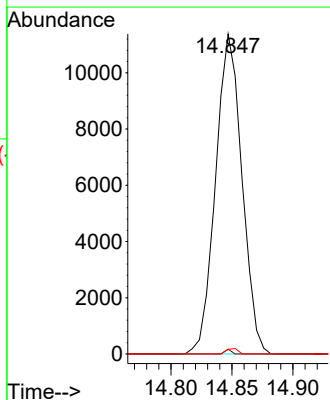
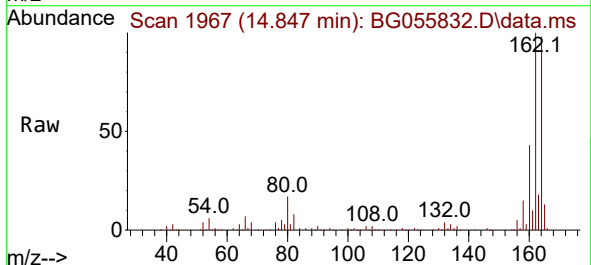
Instrument :
BNA_G
ClientSampleId :
TP-N

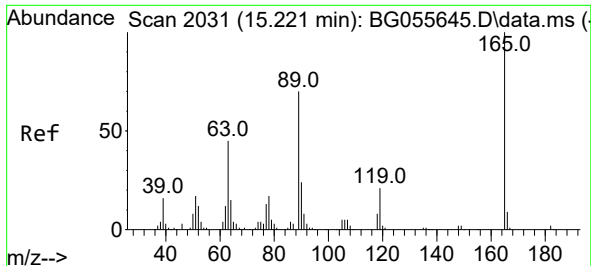
Tgt Ion:172 Resp: 426184
Ion Ratio Lower Upper
172 100
171 36.6 29.8 44.6
170 24.5 20.2 30.4



#51
2,6-Dinitrotoluene
Concen: 8.103 ng
RT: 14.847 min Scan# 1967
Delta R.T. 0.428 min
Lab File: BG055832.D
Acq: 29 Nov 2022 17:23

Tgt Ion:165 Resp: 17127
Ion Ratio Lower Upper
165 100
63 1.5 44.6 66.8#
89 1.4 42.2 63.4#





#57

2,4-Dinitrotoluene

Concen: 5.747 ng

RT: 14.847 min Scan# 1967

Delta R.T. -0.359 min

Lab File: BG055832.D

Acq: 29 Nov 2022 17:23

Instrument :

BNA_G

ClientSampleId :

TP-N

Tgt Ion:165 Resp: 17127

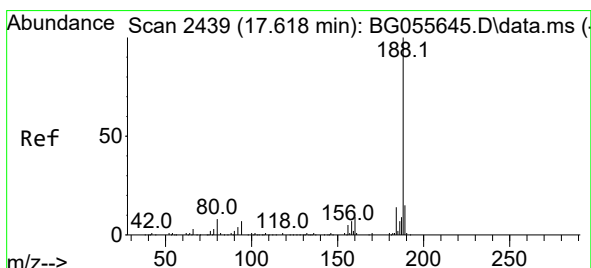
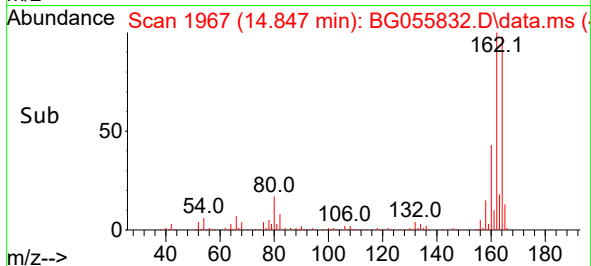
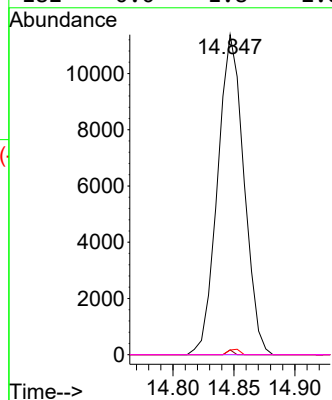
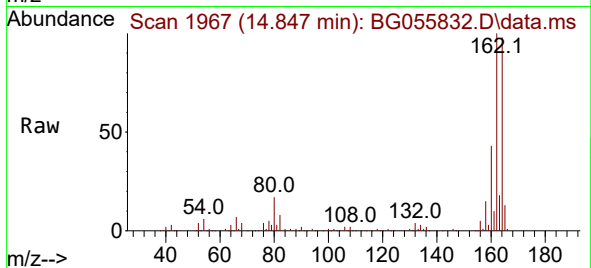
Ion Ratio Lower Upper

165 100

63 1.5 35.8 53.8#

89 1.4 56.2 84.4#

182 0.0 1.8 2.8#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.591 min Scan# 2434

Delta R.T. -0.001 min

Lab File: BG055832.D

Acq: 29 Nov 2022 17:23

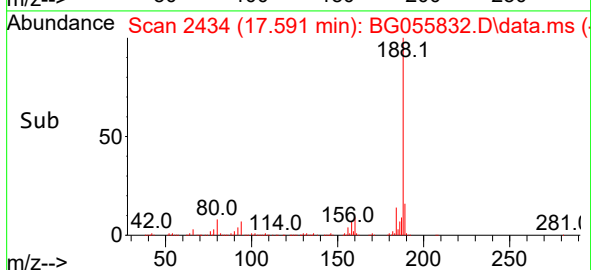
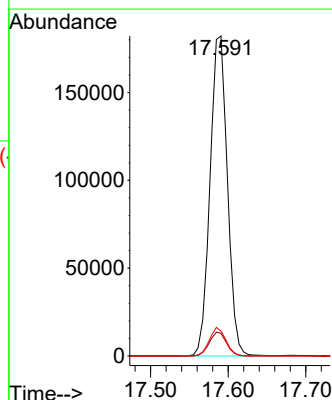
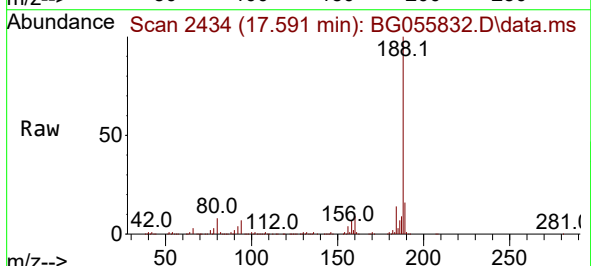
Tgt Ion:188 Resp: 283694

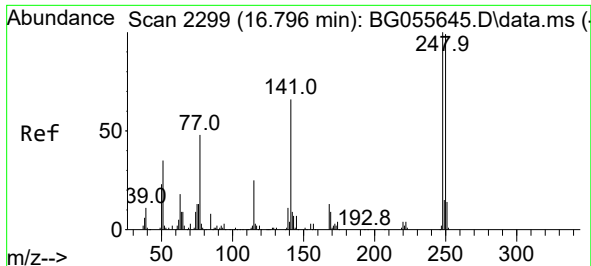
Ion Ratio Lower Upper

188 100

94 7.1 5.4 8.2

80 7.8 6.6 10.0

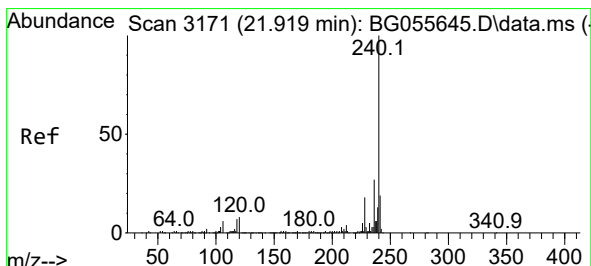
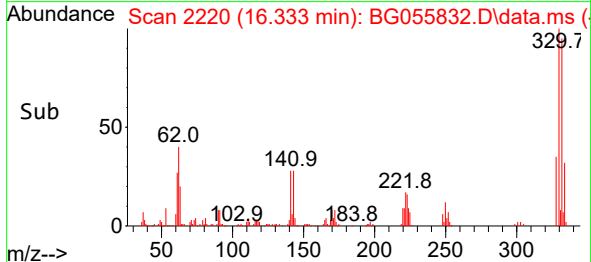
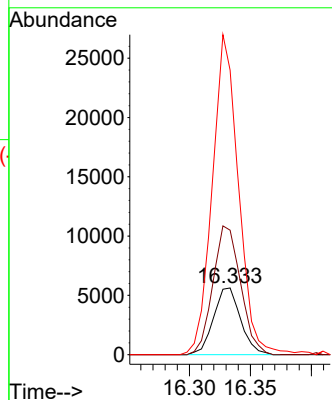
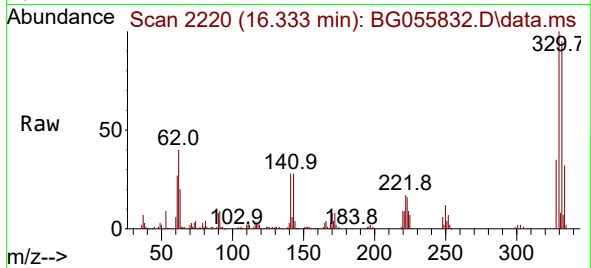




#67
4-Bromophenyl-phenylether
Concen: 2.690 ng
RT: 16.333 min Scan# 21
Delta R.T. -0.435 min
Lab File: BG055832.D
Acq: 29 Nov 2022 17:23

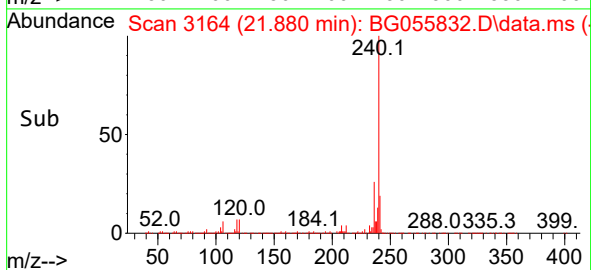
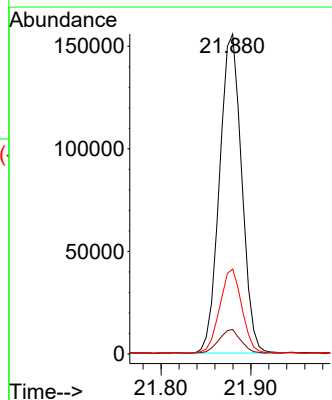
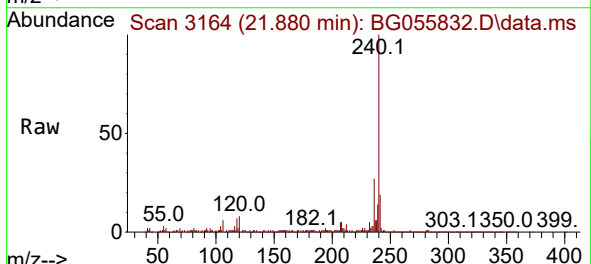
Instrument :
BNA_G
ClientSampleId :
TP-N

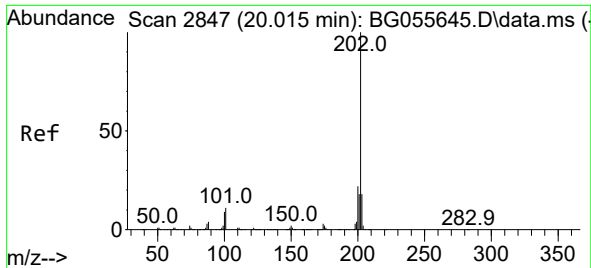
Tgt Ion:248 Resp: 8695
Ion Ratio Lower Upper
248 100
250 186.7 79.0 118.4#
141 426.9 52.9 79.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.880 min Scan# 3164
Delta R.T. -0.001 min
Lab File: BG055832.D
Acq: 29 Nov 2022 17:23

Tgt Ion:240 Resp: 265953
Ion Ratio Lower Upper
240 100
120 7.6 6.3 9.5
236 26.6 21.9 32.9

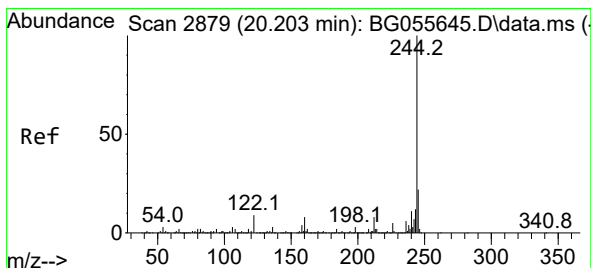
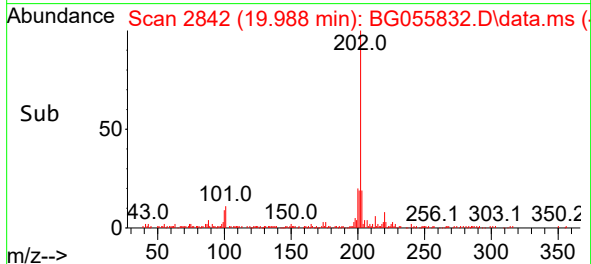
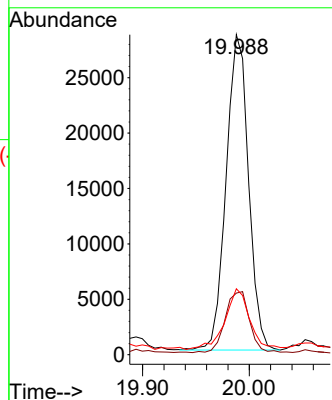
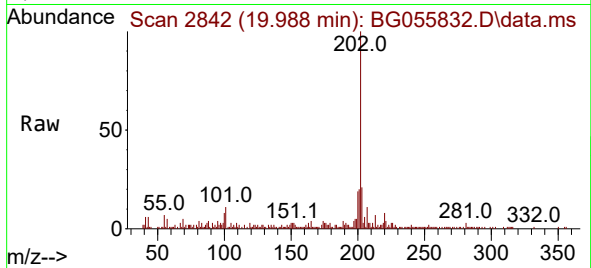




#78
Pyrene
Concen: 2.308 ng
RT: 19.988 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG055832.D
Acq: 29 Nov 2022 17:23

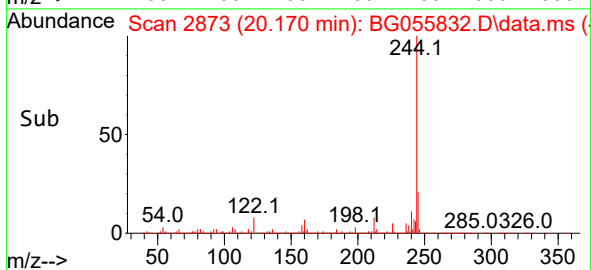
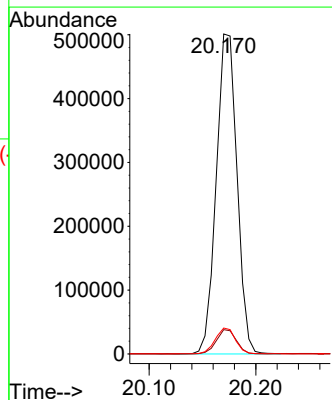
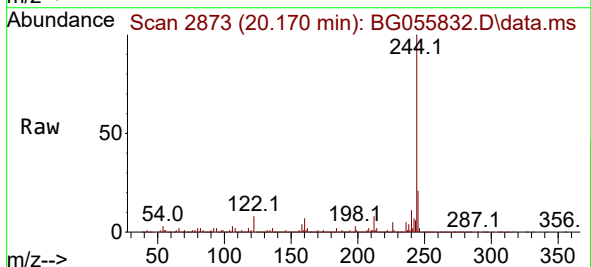
Instrument :
BNA_G
ClientSampleId :
TP-N

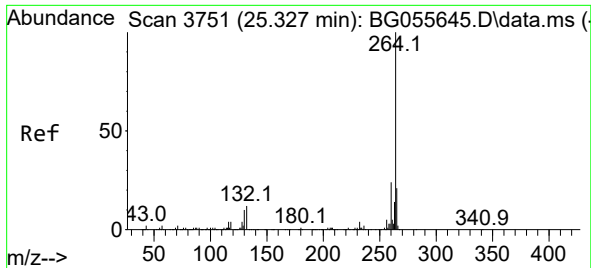
Tgt Ion:202 Resp: 41550
Ion Ratio Lower Upper
202 100
200 19.3 17.8 26.6
203 20.6 14.4 21.6



#79
Terphenyl-d14
Concen: 50.903 ng
RT: 20.170 min Scan# 2873
Delta R.T. -0.006 min
Lab File: BG055832.D
Acq: 29 Nov 2022 17:23

Tgt Ion:244 Resp: 676851
Ion Ratio Lower Upper
244 100
212 7.6 6.3 9.5
122 8.1 6.9 10.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.270 min Scan# 31

Delta R.T. -0.001 min

Lab File: BG055832.D

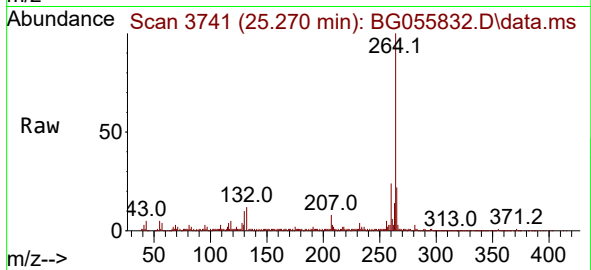
Acq: 29 Nov 2022 17:23

Instrument :

BNA_G

ClientSampleId :

TP-N



Tgt Ion:264 Resp: 287189

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 22.1 17.1 25.7

