

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
 Data File : BG055639.D
 Acq On : 16 Nov 2022 2:39
 Operator : CG/JU
 Sample : N5617-01 20X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-12013

Quant Time: Nov 16 03:19:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 01:36:26 2022
 Response via : Initial Calibration

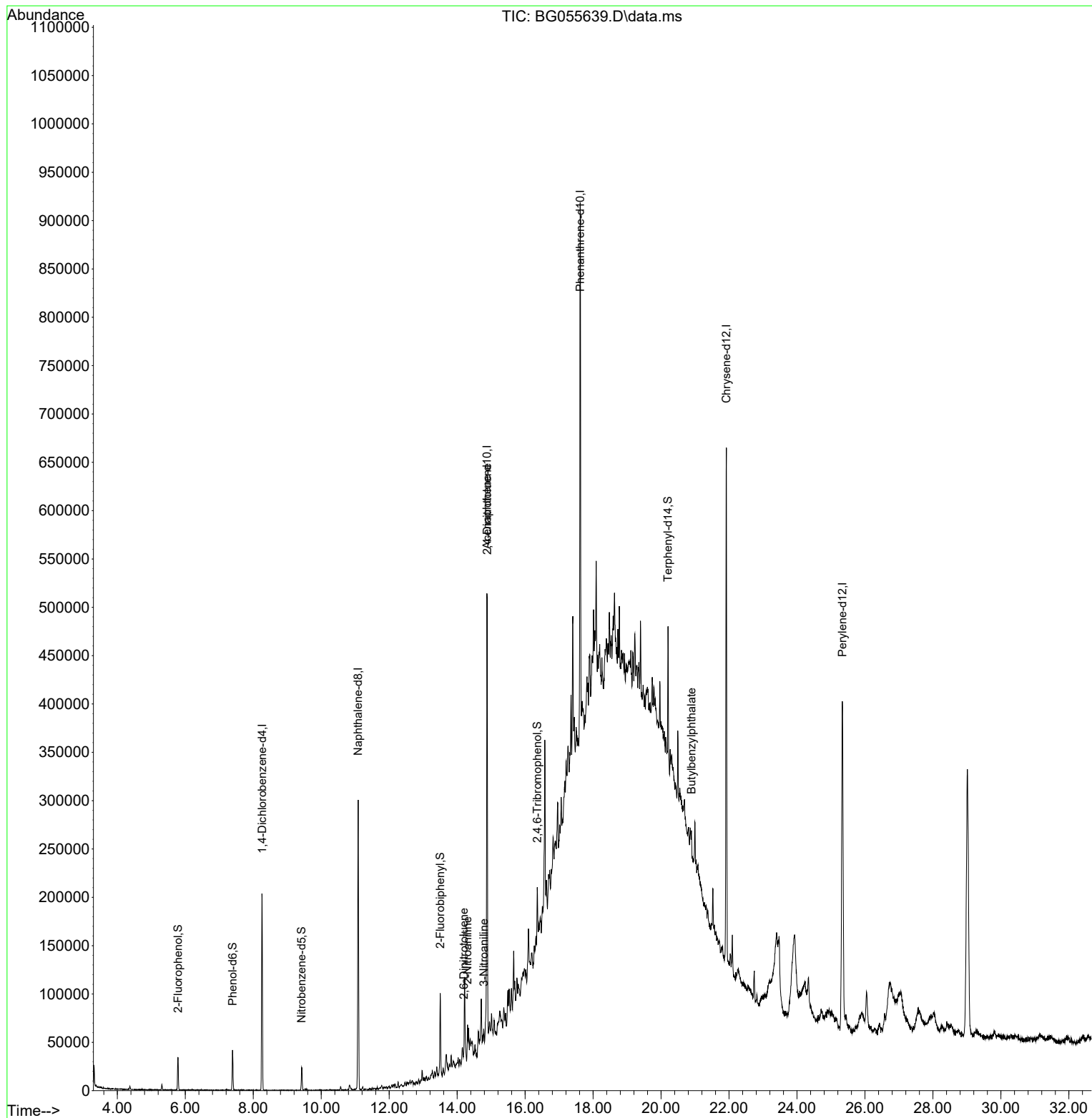
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.259	152	60098	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	253843	20.000	ng	0.00
39) Acenaphthene-d10	14.875	164	169463	20.000	ng	0.00
64) Phenanthrene-d10	17.619	188	346338	20.000	ng	0.00
76) Chrysene-d12	21.920	240	351347	20.000	ng	0.00
86) Perylene-d12	25.333	264	382977	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.786	112	15037	4.766	ng	0.00
7) Phenol-d6	7.390	99	24215	5.556	ng	0.00
23) Nitrobenzene-d5	9.422	82	14981	4.001	ng	0.00
42) 2,4,6-Tribromophenol	16.355	330	11432	6.914	ng	0.00
45) 2-Fluorobiphenyl	13.500	172	43132	3.839	ng	0.00
79) Terphenyl-d14	20.204	244	69510	3.974	ng	0.00
Target Compounds						
48) 2-Nitroaniline	14.299	65	274	3.889	ng	93
51) 2,6-Dinitrotoluene	14.199	165	930	3.536	ng	# 34
53) 3-Nitroaniline	14.787	138	758	4.035	ng	# 31
57) 2,4-Dinitrotoluene	14.881	165	24475	11.191	ng	# 24
80) Butylbenzylphthalate	20.897	149	859	3.453	ng	# 39

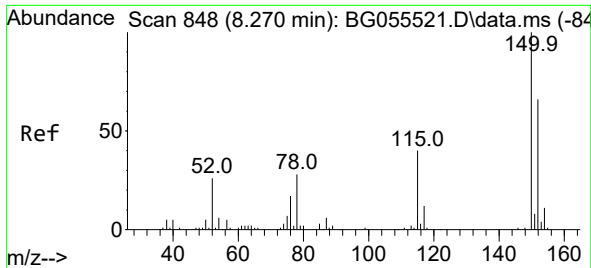
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111522\
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Quant Time: Nov 16 03:19:01 2022
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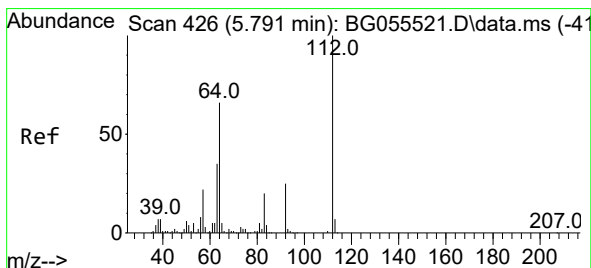
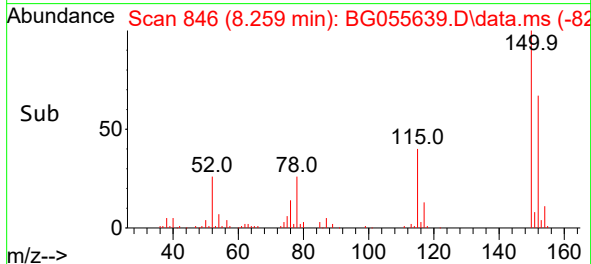
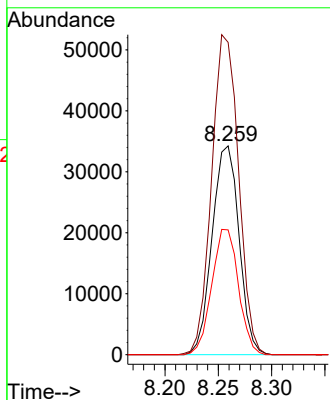
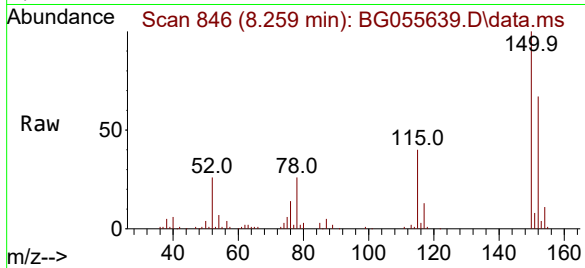




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.259 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG055639.D
Acq: 16 Nov 2022 2:39

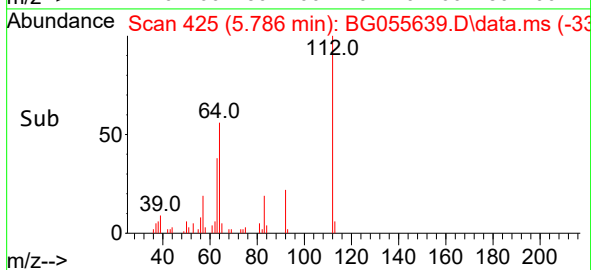
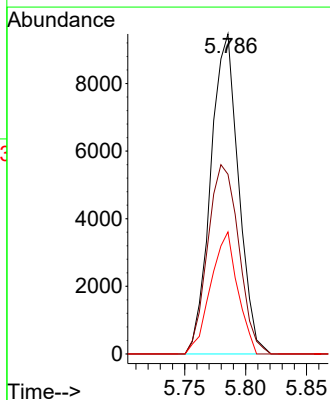
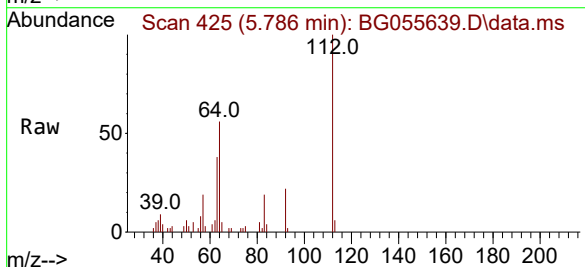
Instrument :
BNA_G
ClientSampleId :
72-12013

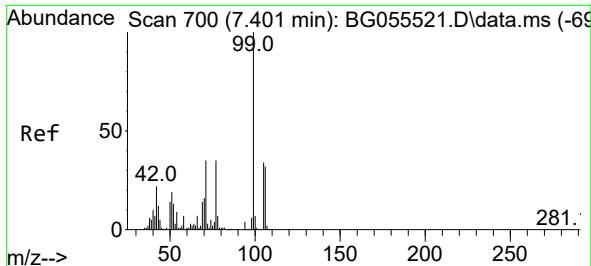
Tgt Ion:152 Resp: 60098
Ion Ratio Lower Upper
152 100
150 149.5 121.0 181.4
115 59.7 47.8 71.8



#5
2-Fluorophenol
Concen: 4.766 ng
RT: 5.786 min Scan# 425
Delta R.T. 0.004 min
Lab File: BG055639.D
Acq: 16 Nov 2022 2:39

Tgt Ion:112 Resp: 15037
Ion Ratio Lower Upper
112 100
64 56.1 52.6 78.8
63 38.1 28.3 42.5

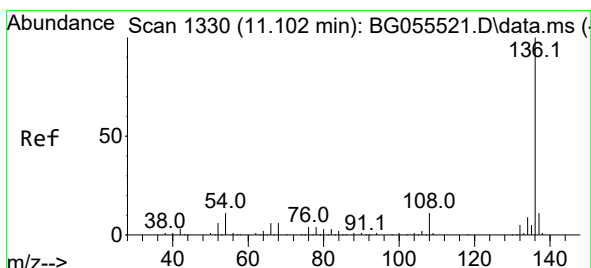
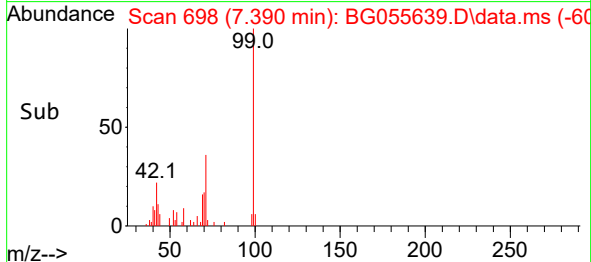
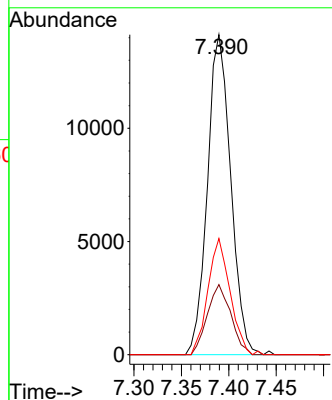
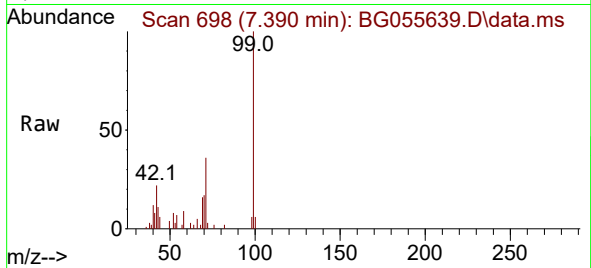




#7
Phenol-d6
Concen: 5.556 ng
RT: 7.390 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG055639.D
Acq: 16 Nov 2022 2:39

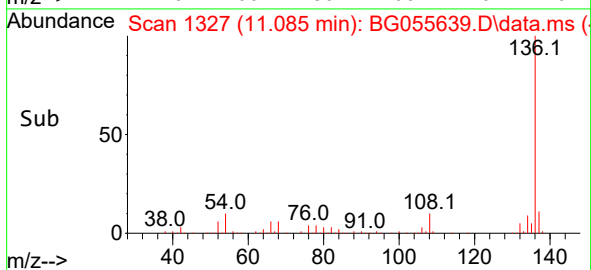
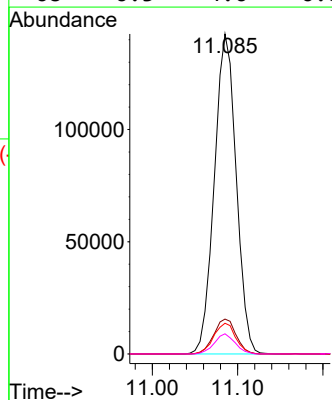
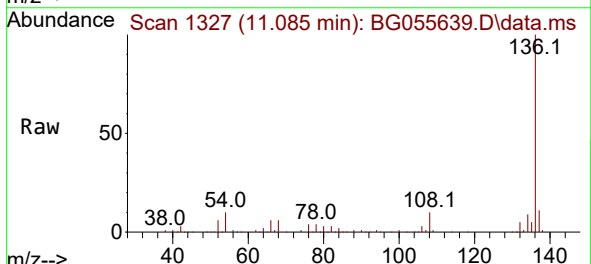
Instrument :
BNA_G
ClientSampleId :
72-12013

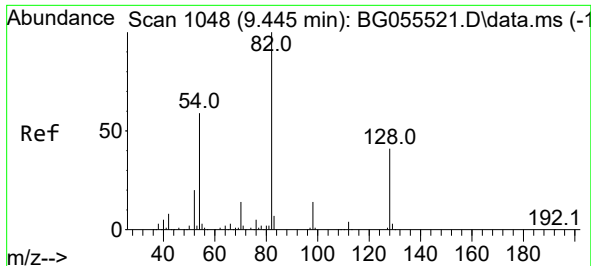
Tgt Ion: 99	Resp: 24215
Ion Ratio	Lower Upper
99 100	
42 21.9	17.5 26.3
71 36.3	28.3 42.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.085 min Scan# 1327
Delta R.T. -0.002 min
Lab File: BG055639.D
Acq: 16 Nov 2022 2:39

Tgt Ion: 136	Resp: 253843
Ion Ratio	Lower Upper
136 100	
137 10.9	8.6 12.8
54 9.6	8.6 12.8
68 6.3	4.6 6.8





#23

Nitrobenzene-d5

Concen: 4.001 ng

RT: 9.422 min Scan# 1044

Delta R.T. -0.007 min

Lab File: BG055639.D

Acq: 16 Nov 2022 2:39

Instrument :

BNA_G

ClientSampleId :

72-12013

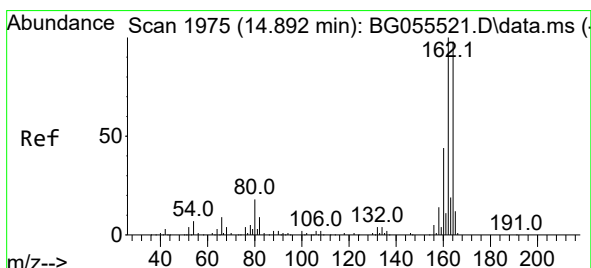
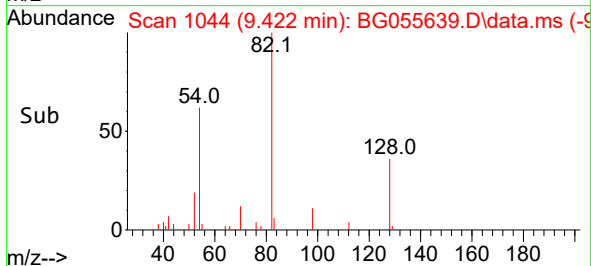
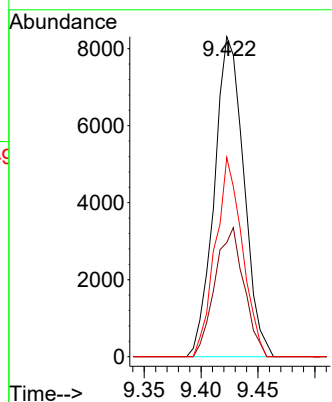
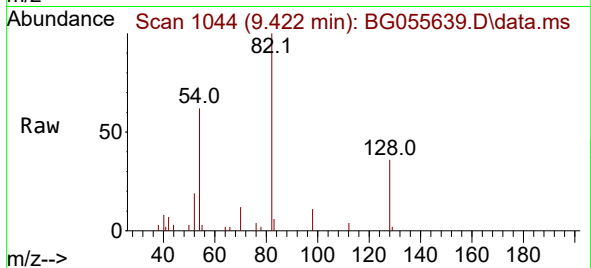
Tgt Ion: 82 Resp: 14981

Ion Ratio Lower Upper

82 100

128 35.6 32.6 49.0

54 62.2 47.3 70.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.875 min Scan# 1972

Delta R.T. -0.007 min

Lab File: BG055639.D

Acq: 16 Nov 2022 2:39

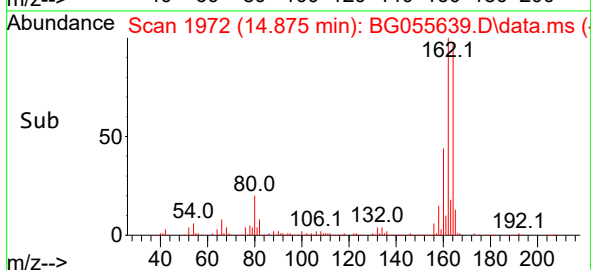
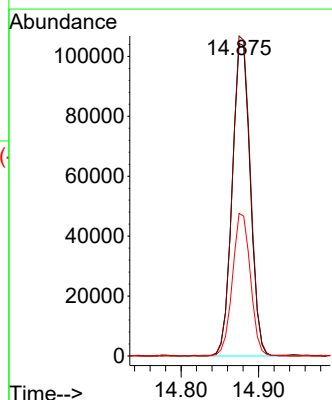
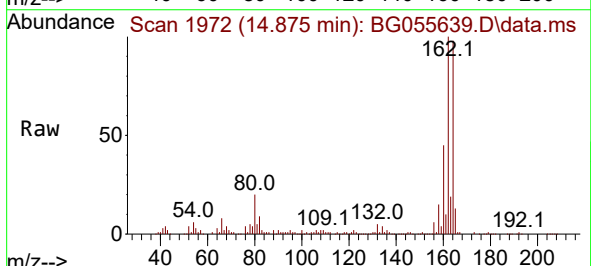
Tgt Ion:164 Resp: 169463

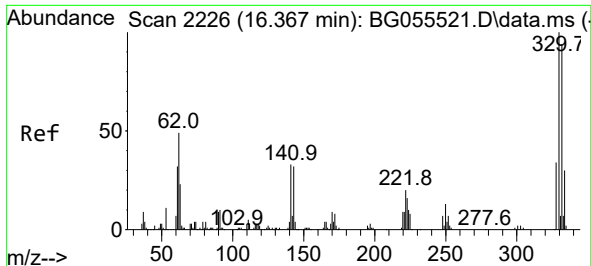
Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

160 45.6 35.9 53.9





#42

2,4,6-Tribromophenol

Concen: 6.914 ng

RT: 16.355 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG055639.D

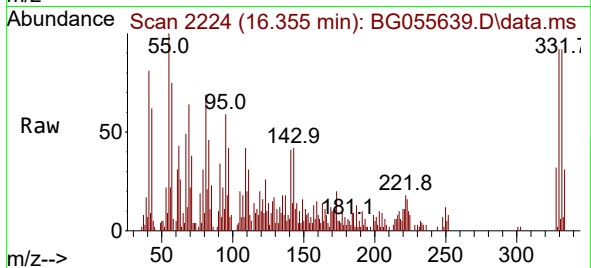
Acq: 16 Nov 2022 2:39

Instrument :

BNA_G

ClientSampleId :

72-12013



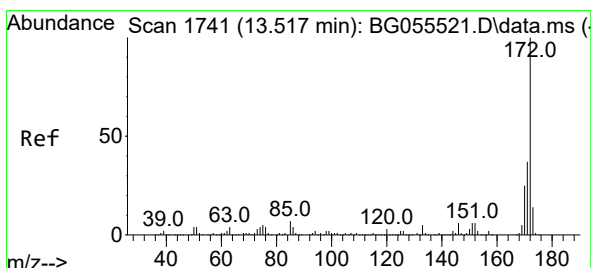
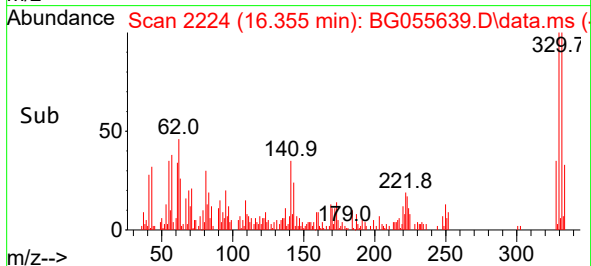
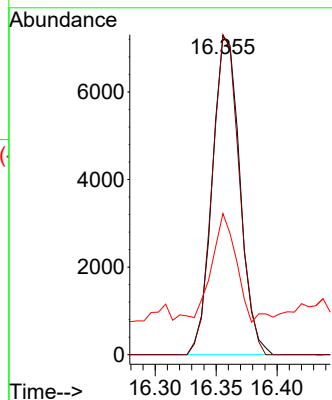
Tgt Ion:330 Resp: 11432

Ion Ratio Lower Upper

330 100

332 98.7 77.4 116.2

141 28.9 25.4 38.2



#45

2-Fluorobiphenyl

Concen: 3.839 ng

RT: 13.500 min Scan# 1738

Delta R.T. -0.007 min

Lab File: BG055639.D

Acq: 16 Nov 2022 2:39

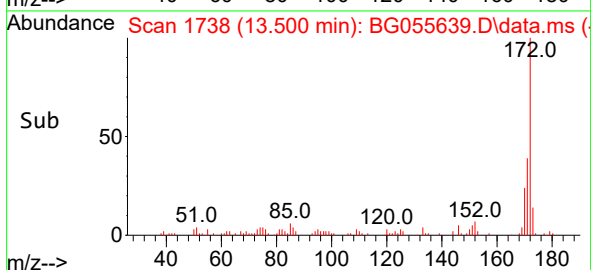
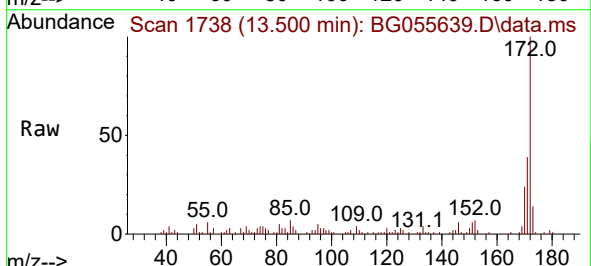
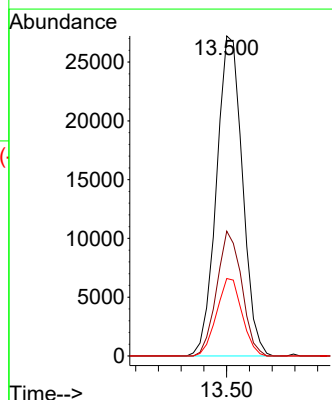
Tgt Ion:172 Resp: 43132

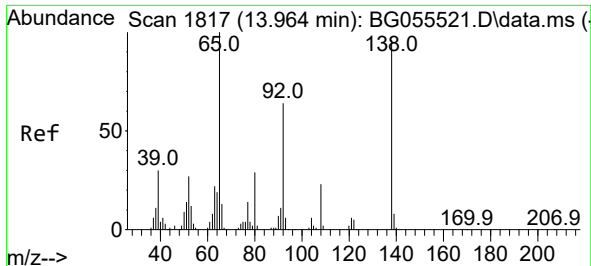
Ion Ratio Lower Upper

172 100

171 39.0 29.7 44.5

170 24.2 19.8 29.6

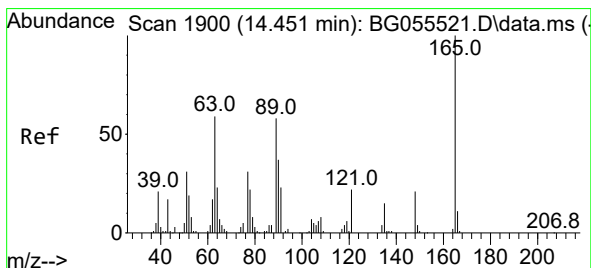
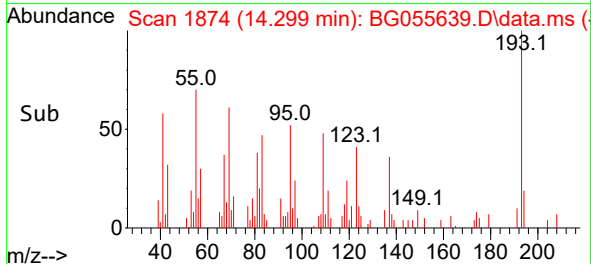
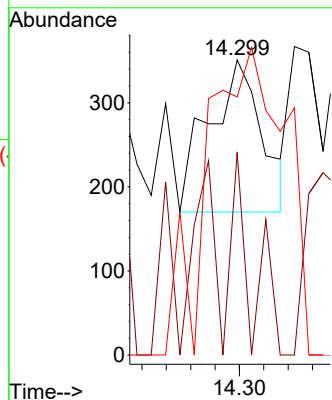
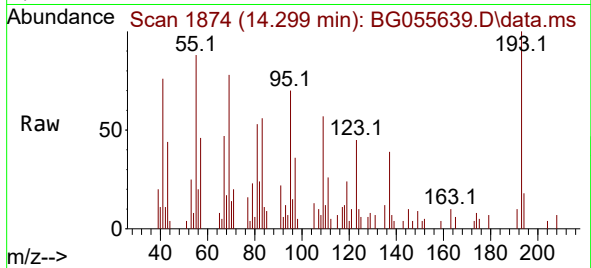




#48
2-Nitroaniline
Concen: 3.889 ng
RT: 14.299 min Scan# 1817
Delta R.T. 0.339 min
Lab File: BG055639.D
Acq: 16 Nov 2022 2:39

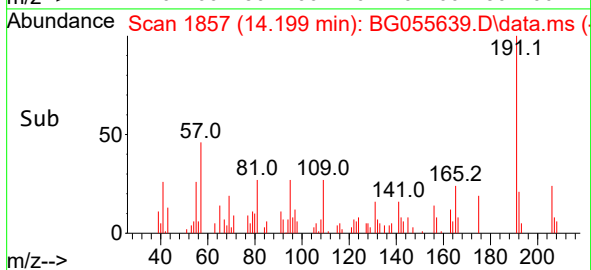
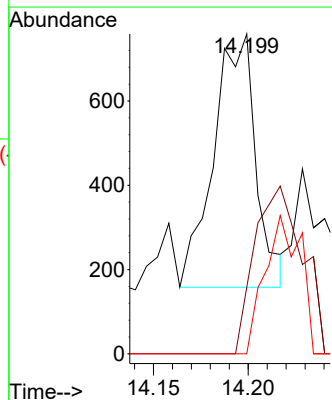
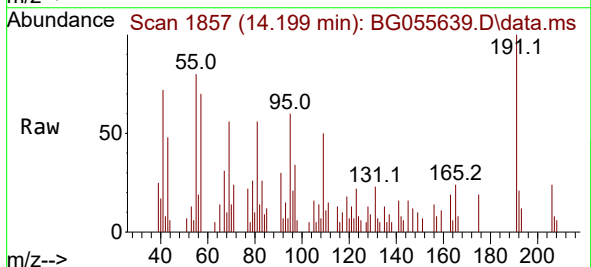
Instrument :
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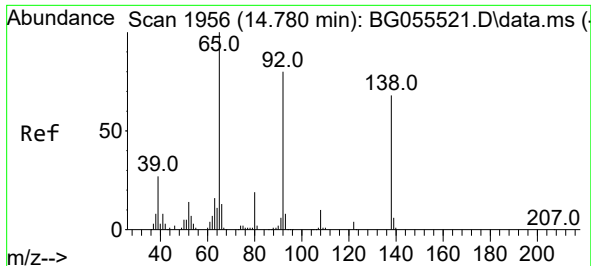
Tgt Ion: 65 Resp: 274
Ion Ratio Lower Upper
65 100
92 68.7 51.6 77.4
138 87.5 77.0 115.4



#51
2,6-Dinitrotoluene
Concen: 3.536 ng
RT: 14.199 min Scan# 1857
Delta R.T. -0.248 min
Lab File: BG055639.D
Acq: 16 Nov 2022 2:39

Tgt Ion: 165 Resp: 930
Ion Ratio Lower Upper
165 100
63 20.8 50.1 75.1#
89 0.0 46.5 69.7#

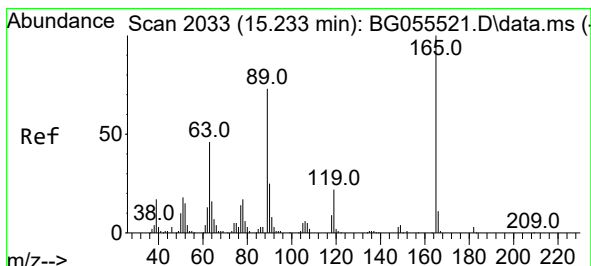
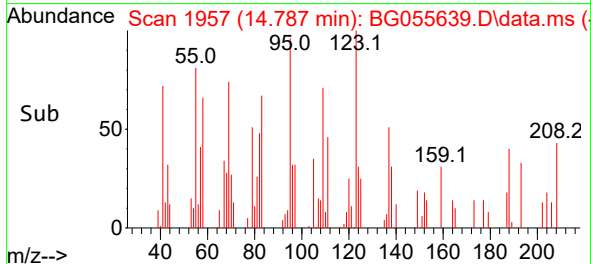
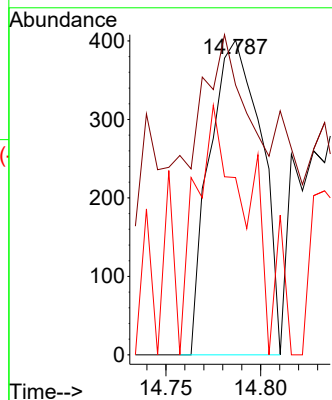
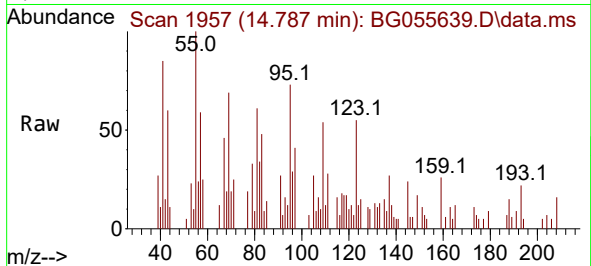




#53
3-Nitroaniline
Concen: 4.035 ng
RT: 14.787 min Scan# 1956
Delta R.T. 0.010 min
Lab File: BG055639.D
Acq: 16 Nov 2022 2:39

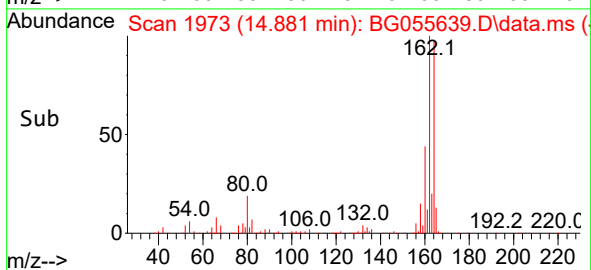
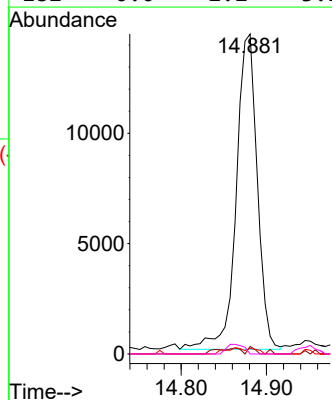
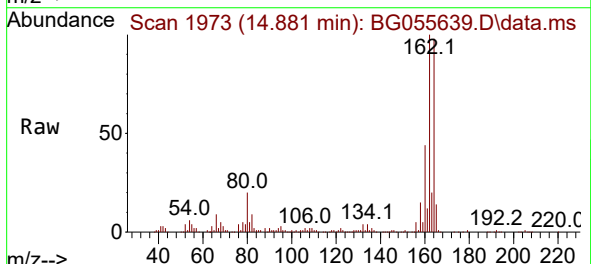
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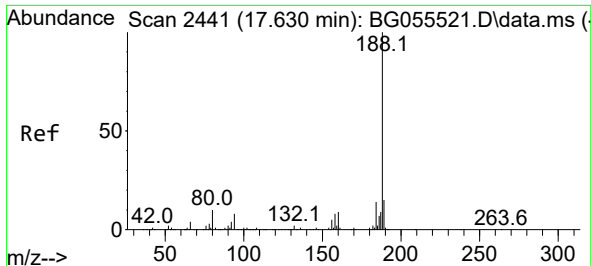
Tgt Ion:138 Resp: 758
Ion Ratio Lower Upper
138 100
108 85.8 11.7 17.5#
92 56.4 94.3 141.5#



#57
2,4-Dinitrotoluene
Concen: 11.191 ng
RT: 14.881 min Scan# 1973
Delta R.T. -0.348 min
Lab File: BG055639.D
Acq: 16 Nov 2022 2:39

Tgt Ion:165 Resp: 24475
Ion Ratio Lower Upper
165 100
63 2.4 37.0 55.4#
89 1.8 58.6 87.8#
182 0.0 2.2 3.2#

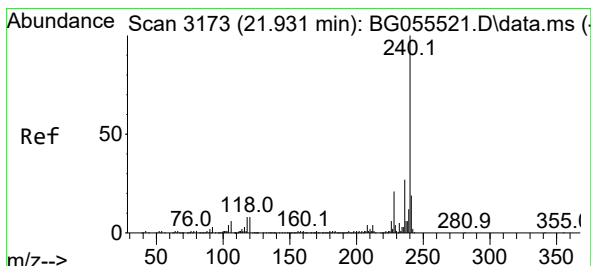
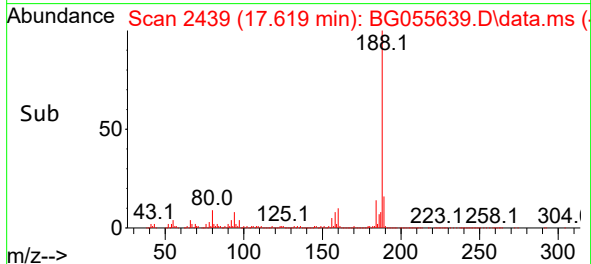
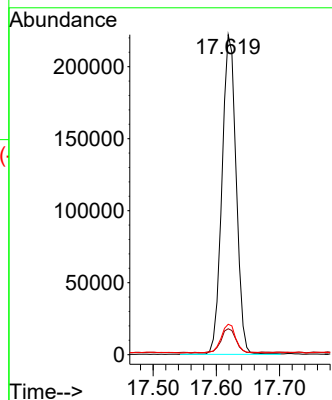
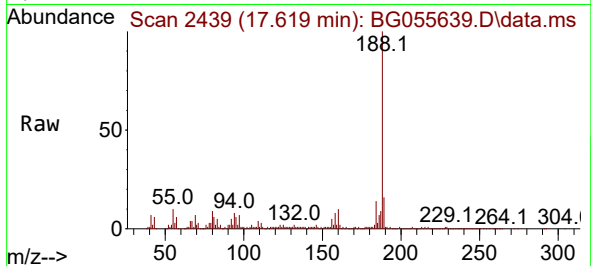




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.619 min Scan# 2441
Delta R.T. -0.002 min
Lab File: BG055639.D
Acq: 16 Nov 2022 2:39

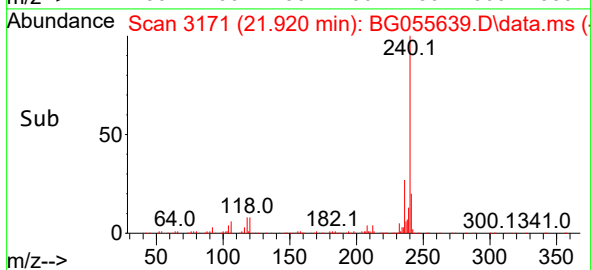
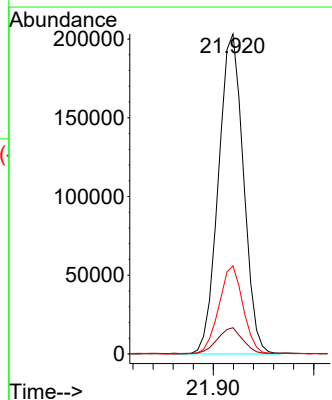
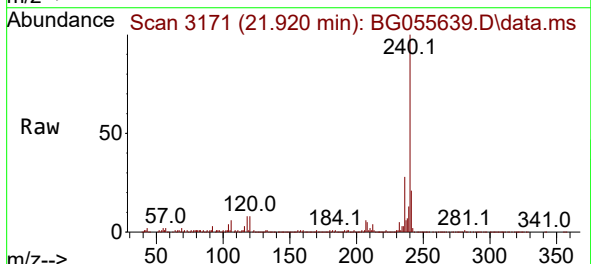
Instrument :
BNA_G
ClientSampleId :
72-12013

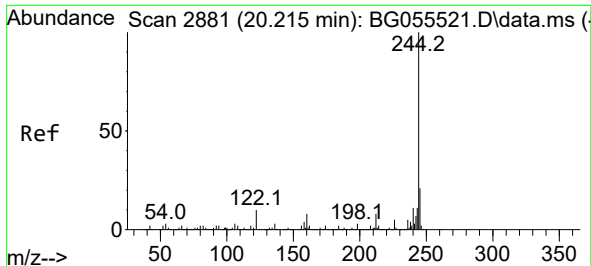
Tgt Ion:188 Resp: 346338
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 9.5 7.6 11.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3171
Delta R.T. -0.002 min
Lab File: BG055639.D
Acq: 16 Nov 2022 2:39

Tgt Ion:240 Resp: 351347
Ion Ratio Lower Upper
240 100
120 8.2 6.1 9.1
236 27.5 21.4 32.0

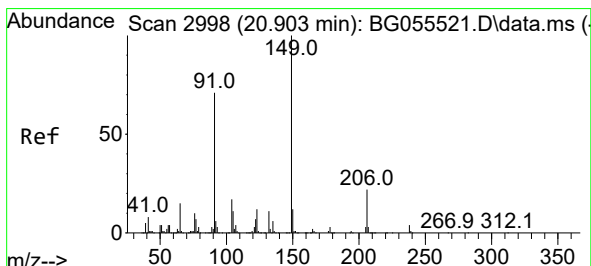
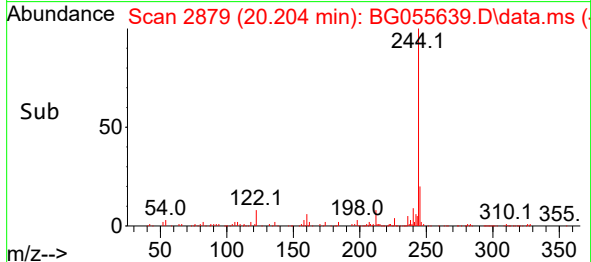
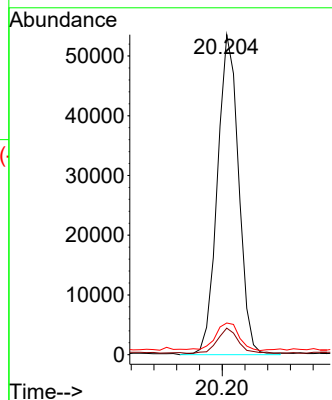
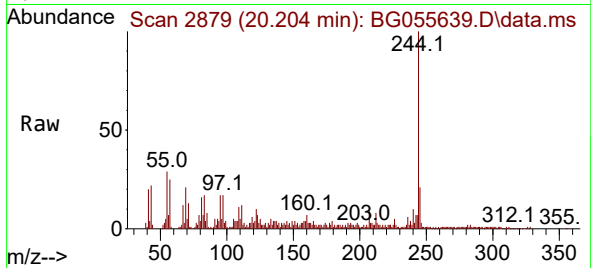




#79
 Terphenyl-d14
 Concen: 3.974 ng
 RT: 20.204 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: BG055639.D
 Acq: 16 Nov 2022 2:39

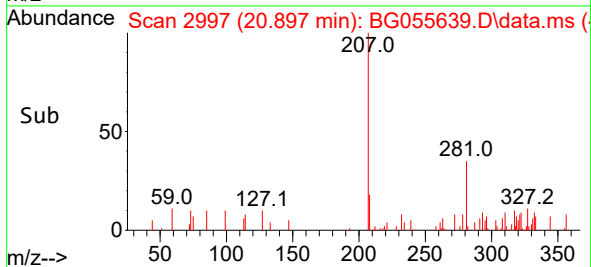
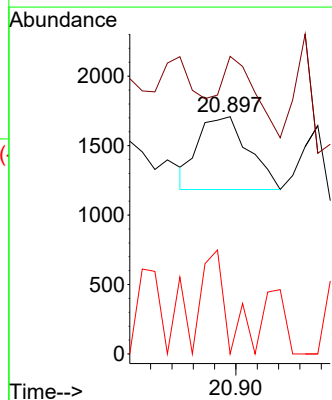
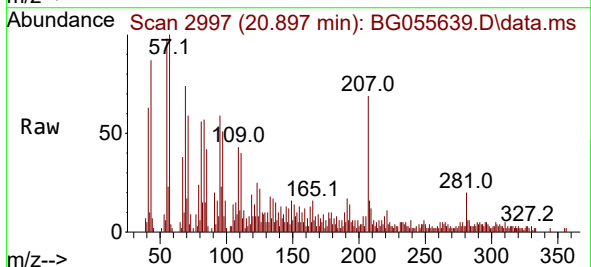
Instrument :
 BNA_G
 ClientSampleId :
 72-12013

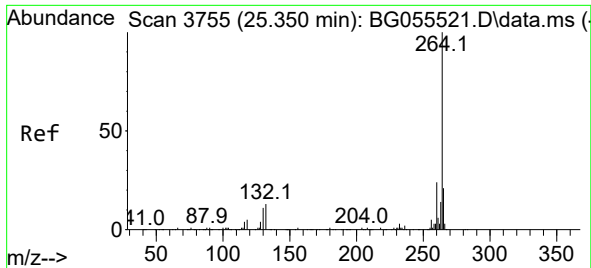
Tgt Ion:244 Resp: 69510
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.5 9.7
 122 9.9 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 3.453 ng
 RT: 20.897 min Scan# 2997
 Delta R.T. 0.004 min
 Lab File: BG055639.D
 Acq: 16 Nov 2022 2:39

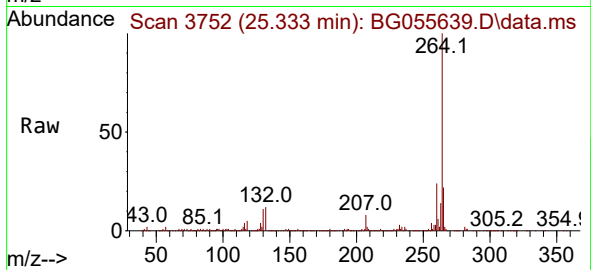
Tgt Ion:149 Resp: 859
 Ion Ratio Lower Upper
 149 100
 91 125.4 56.8 85.2#
 206 0.0 17.3 25.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.333 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG055639.D
Acq: 16 Nov 2022 2:39

Instrument :
BNA_G
ClientSampleId :
72-12013



Tgt Ion:264 Resp: 382977
Ion Ratio Lower Upper
264 100
260 24.0 19.4 29.2
265 22.4 17.1 25.7

