

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090622\
 Data File : BG054851.D
 Acq On : 6 Sep 2022 14:19
 Operator : CG/JU
 Sample : PB147433BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB147433BL

Quant Time: Sep 07 04:54:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 17:50:55 2022
 Response via : Initial Calibration

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

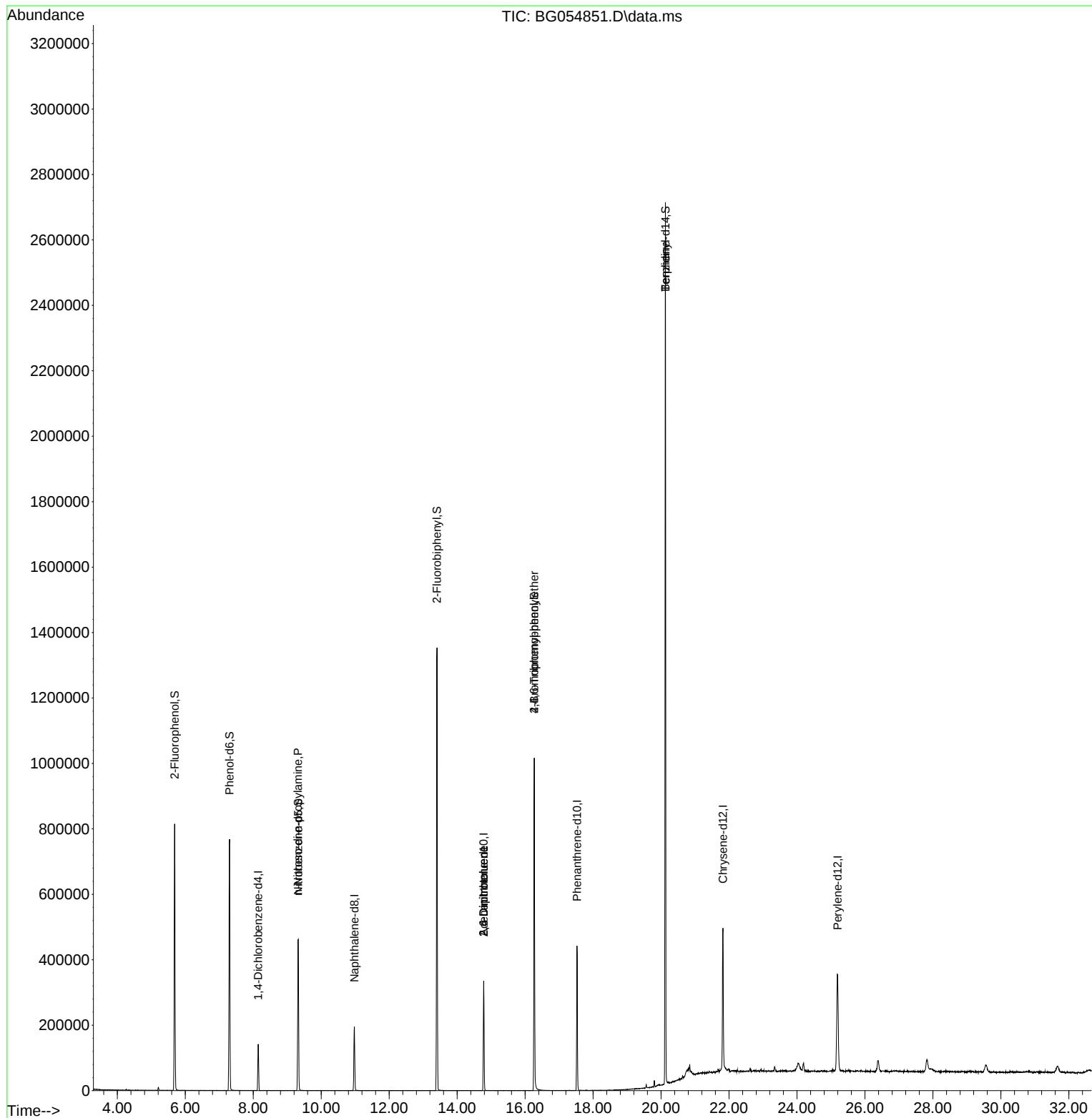
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.143	152	44576	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	183079	20.000	ng	0.00
39) Acenaphthene-d10	14.782	164	125316	20.000	ng	0.00
64) Phenanthrene-d10	17.526	188	296810	20.000	ng	0.00
76) Chrysene-d12	21.821	240	292820	20.000	ng	0.00
86) Perylene-d12	25.194	264	306236	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	381456	149.016	ng	0.00
7) Phenol-d6	7.303	99	501901	143.368	ng	0.00
23) Nitrobenzene-d5	9.324	82	303206	86.942	ng	0.00
42) 2,4,6-Tribromophenol	16.269	330	223210	142.544	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	758106	90.926	ng	0.00
79) Terphenyl-d14	20.129	244	1360982	92.092	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	9.318	70	38321	15.918	ng	# 77
51) 2,6-Dinitrotoluene	14.782	165	16224	8.216	ng	# 20
57) 2,4-Dinitrotoluene	14.782	165	16224	5.940	ng	# 18
67) 4-Bromophenyl-phenylether	16.269	248	14615	4.485	ng	# 1
77) Benzidine	20.129	184	20381	2.810	ng	# 89

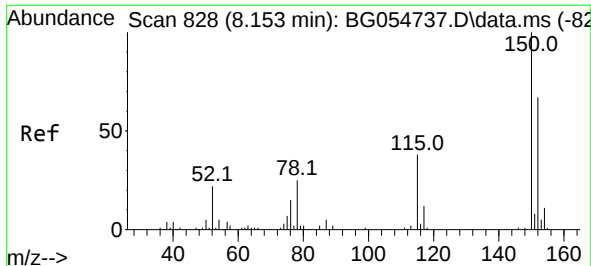
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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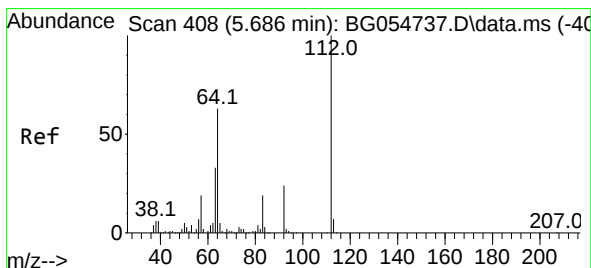
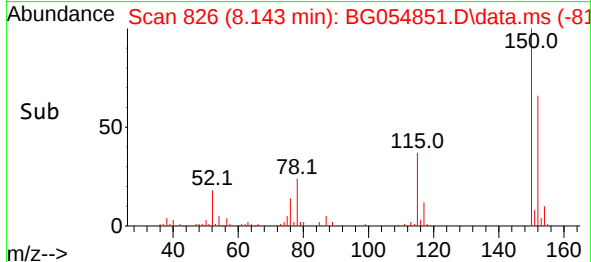
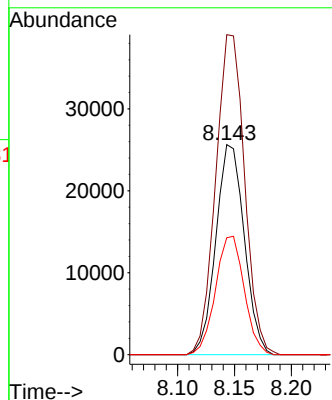
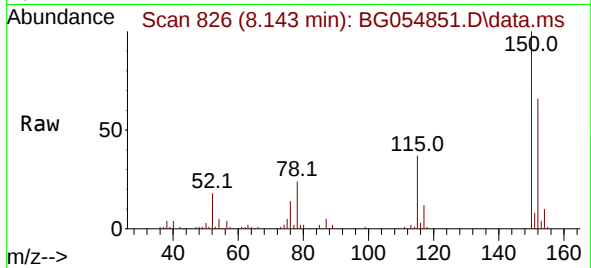




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.143 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG054851.D
Acq: 6 Sep 2022 14:19

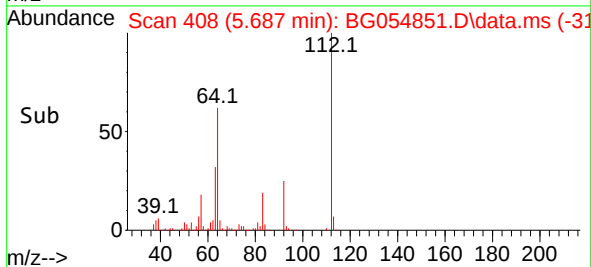
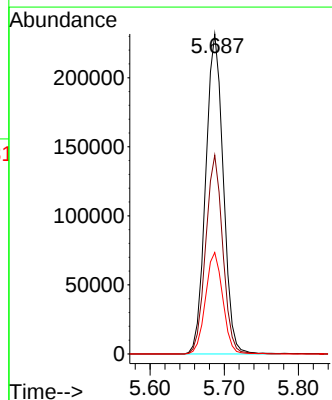
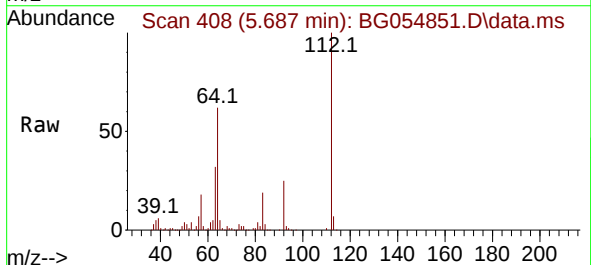
Instrument :
BNA_G
ClientSampleId :
PB147433BL

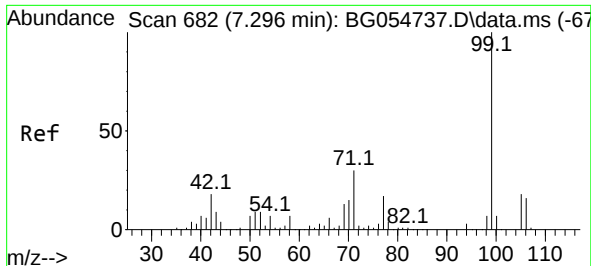
Tgt Ion:152 Resp: 44576
Ion Ratio Lower Upper
152 100
150 152.3 125.2 187.8
115 55.7 47.9 71.9



#5
2-Fluorophenol
Concen: 149.016 ng
RT: 5.687 min Scan# 408
Delta R.T. 0.001 min
Lab File: BG054851.D
Acq: 6 Sep 2022 14:19

Tgt Ion:112 Resp: 381456
Ion Ratio Lower Upper
112 100
64 62.1 49.3 73.9
63 31.7 26.3 39.5

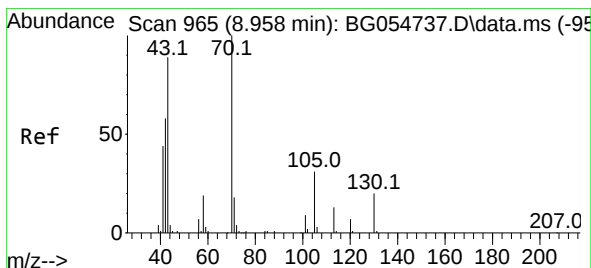
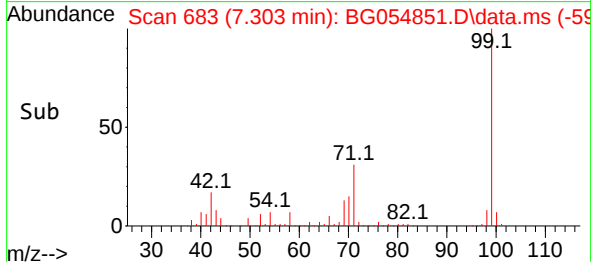
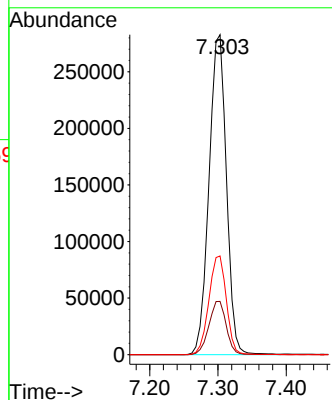
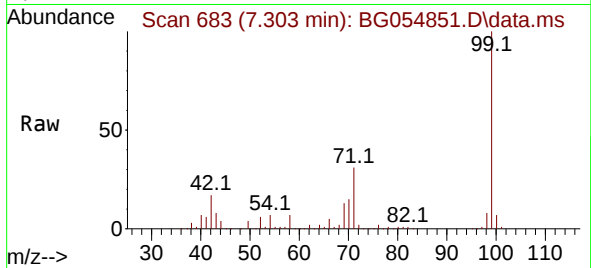




#7
Phenol-d6
Concen: 143.368 ng
RT: 7.303 min Scan# 61
Delta R.T. 0.007 min
Lab File: BG054851.D
Acq: 6 Sep 2022 14:19

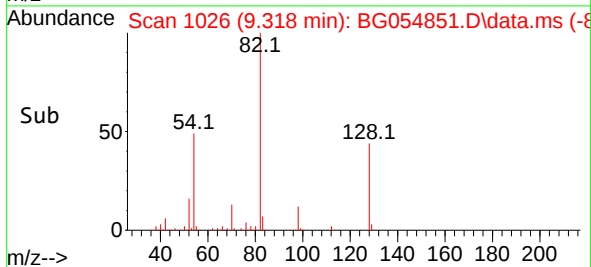
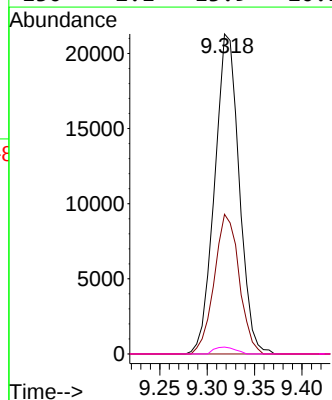
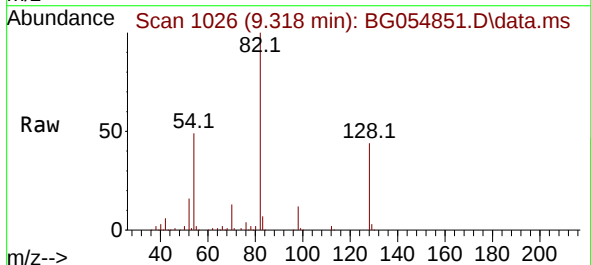
Instrument :
BNA_G
ClientSampleId :
PB147433BL

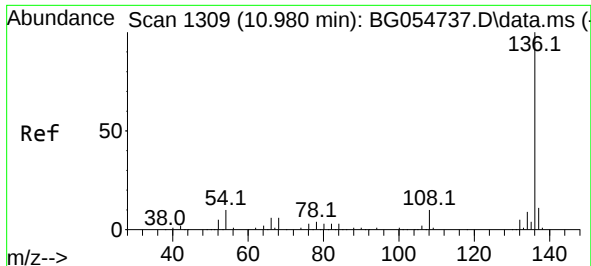
Tgt Ion: 99 Resp: 501901
Ion Ratio Lower Upper
99 100
42 16.6 14.6 22.0
71 30.8 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.918 ng
RT: 9.318 min Scan# 1026
Delta R.T. 0.360 min
Lab File: BG054851.D
Acq: 6 Sep 2022 14:19

Tgt Ion: 70 Resp: 38321
Ion Ratio Lower Upper
70 100
42 43.6 46.6 69.8#
101 0.0 7.7 11.5#
130 2.1 13.9 20.9#

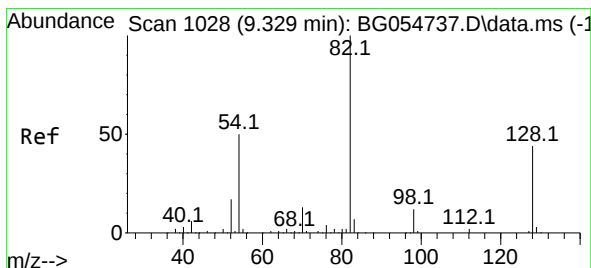
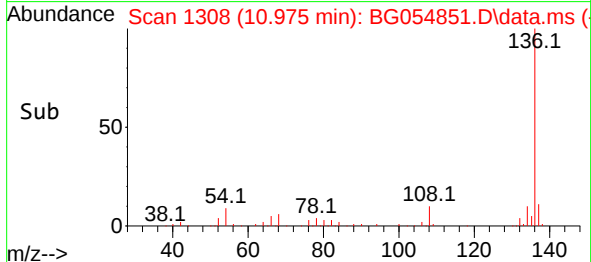
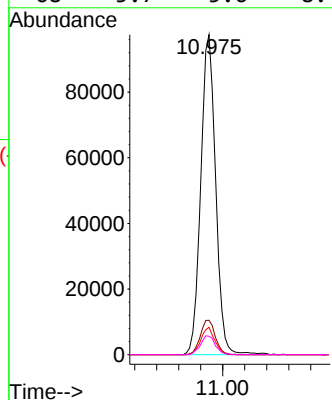
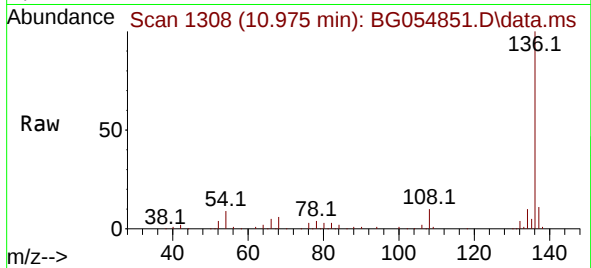




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.975 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG054851.D
Acq: 6 Sep 2022 14:19

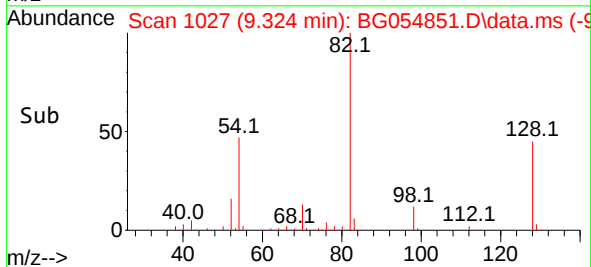
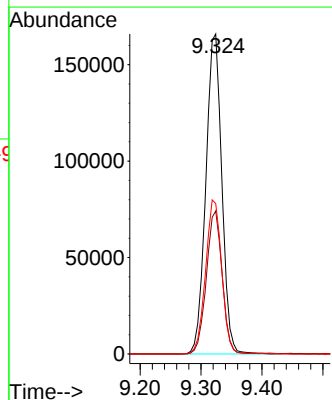
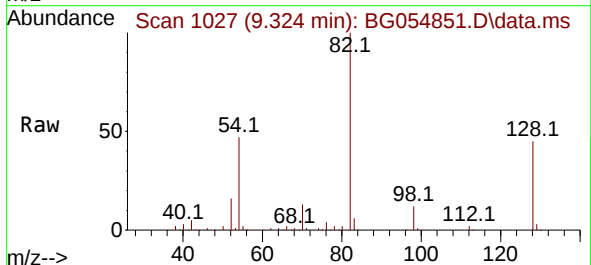
Instrument :
BNA_G
ClientSampleId :
PB147433BL

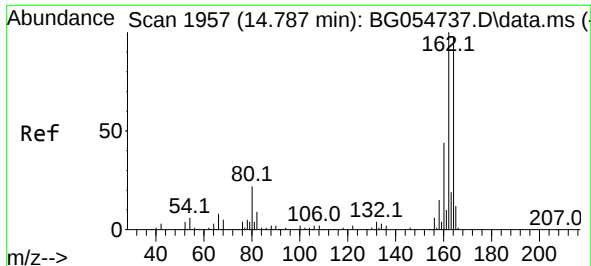
Tgt Ion:	136	Resp:	183079
Ion Ratio	Lower	Upper	
136	100		
137	10.7	9.2	13.8
54	8.5	7.7	11.5
68	5.7	5.6	8.4



#23
Nitrobenzene-d5
Concen: 86.942 ng
RT: 9.324 min Scan# 1027
Delta R.T. -0.005 min
Lab File: BG054851.D
Acq: 6 Sep 2022 14:19

Tgt Ion:	82	Resp:	303206
Ion Ratio	Lower	Upper	
82	100		
128	44.7	32.2	48.2
54	47.0	41.4	62.0

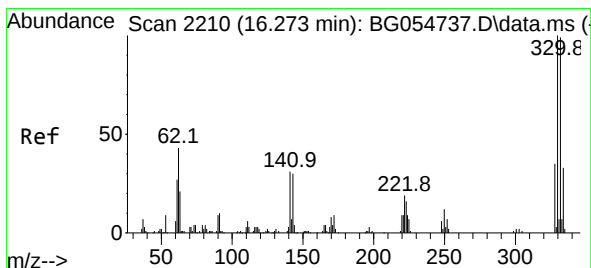
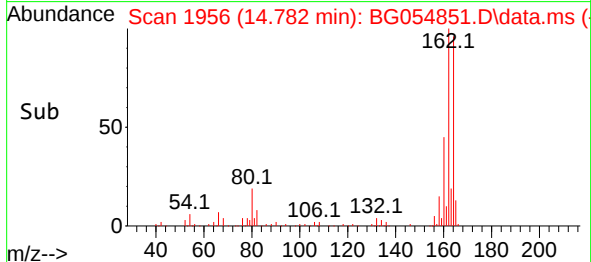
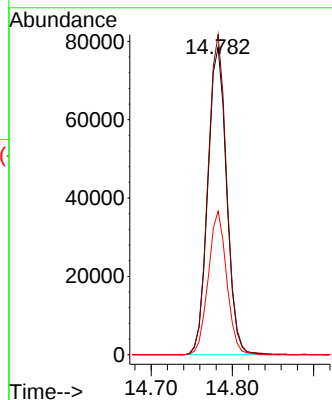
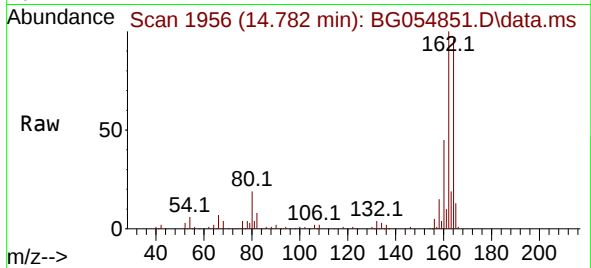




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.782 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BG054851.D
Acq: 6 Sep 2022 14:19

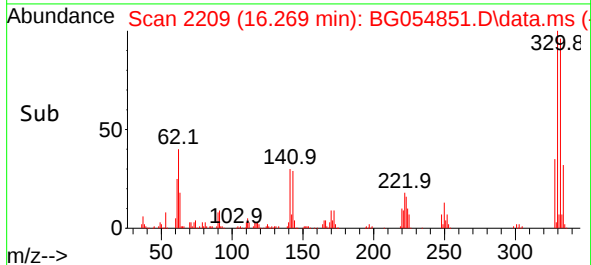
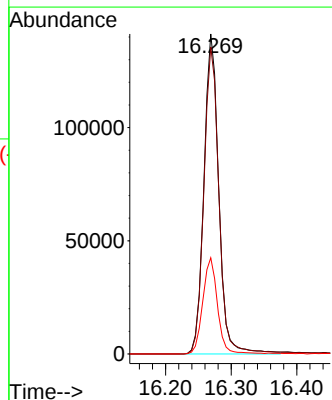
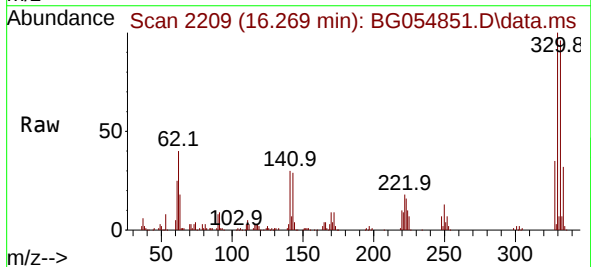
Instrument :
BNA_G
ClientSampleId :
PB147433BL

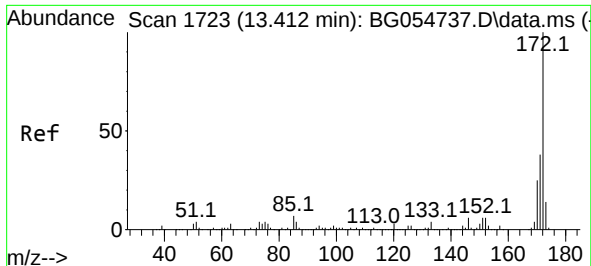
Tgt Ion:164 Resp: 125316
Ion Ratio Lower Upper
164 100
162 104.1 83.0 124.4
160 46.7 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 142.544 ng
RT: 16.269 min Scan# 2209
Delta R.T. -0.005 min
Lab File: BG054851.D
Acq: 6 Sep 2022 14:19

Tgt Ion:330 Resp: 223210
Ion Ratio Lower Upper
330 100
332 98.4 79.8 119.6
141 29.7 26.8 40.2

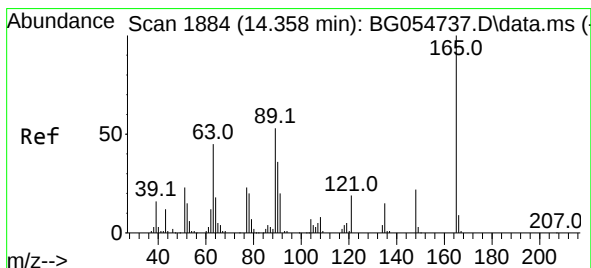
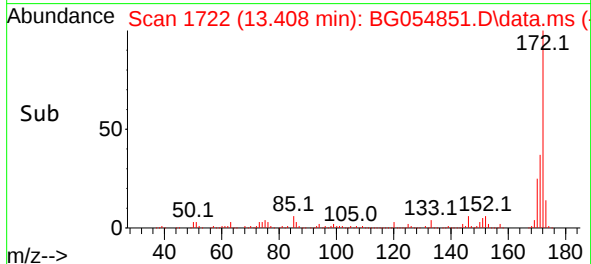
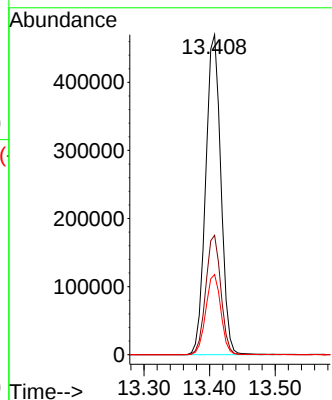
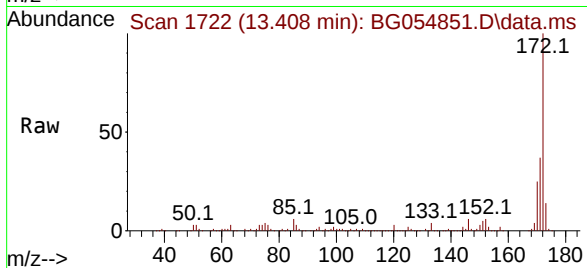




#45
2-Fluorobiphenyl
Concen: 90.926 ng
RT: 13.408 min Scan# 1
Delta R.T. -0.005 min
Lab File: BG054851.D
Acq: 6 Sep 2022 14:19

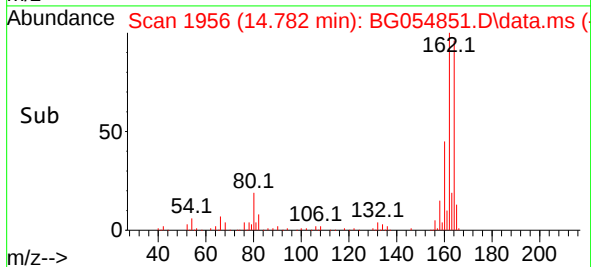
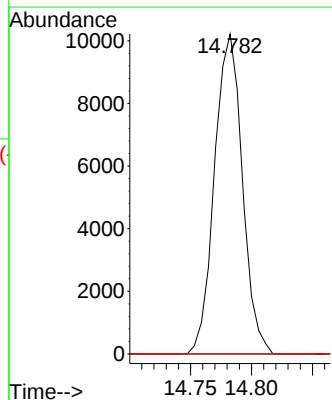
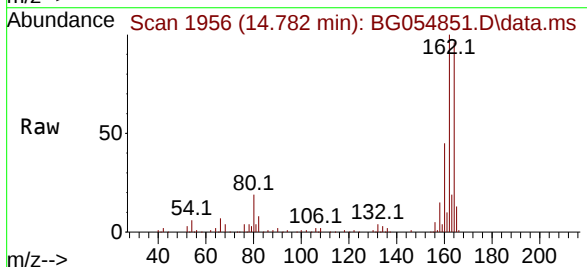
Instrument :
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ClientSampleId :
PB147433BL

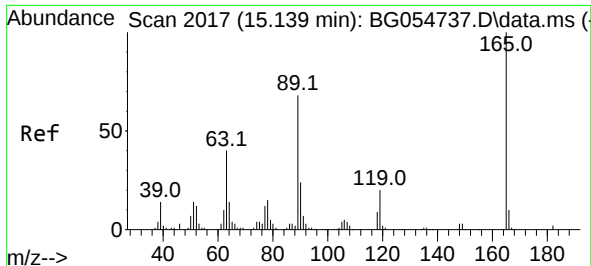
Tgt Ion:172 Resp: 758106
Ion Ratio Lower Upper
172 100
171 37.3 31.2 46.8
170 25.0 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.216 ng
RT: 14.782 min Scan# 1956
Delta R.T. 0.424 min
Lab File: BG054851.D
Acq: 6 Sep 2022 14:19

Tgt Ion:165 Resp: 16224
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: 5.940 ng

RT: 14.782 min Scan# 1956

Delta R.T. -0.357 min

Lab File: BG054851.D

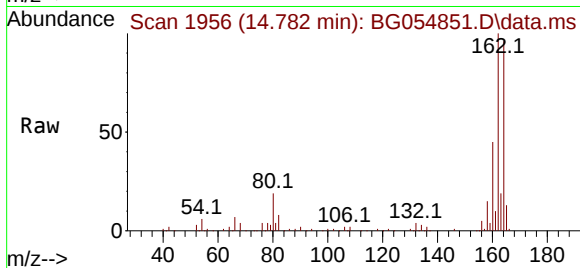
Acq: 6 Sep 2022 14:19

Instrument :

BNA_G

ClientSampleId :

PB147433BL



Tgt Ion:165 Resp: 16224

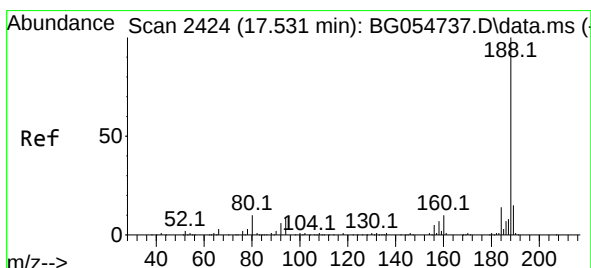
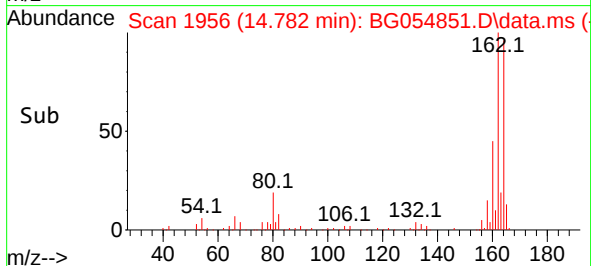
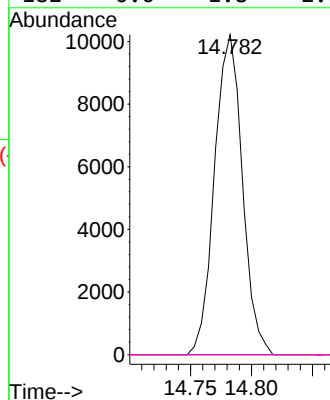
Ion Ratio Lower Upper

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: 17.526 min Scan# 2423

Delta R.T. -0.005 min

Lab File: BG054851.D

Acq: 6 Sep 2022 14:19

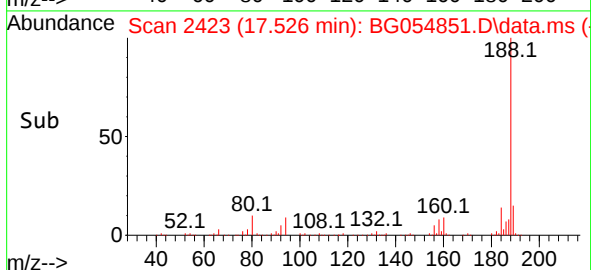
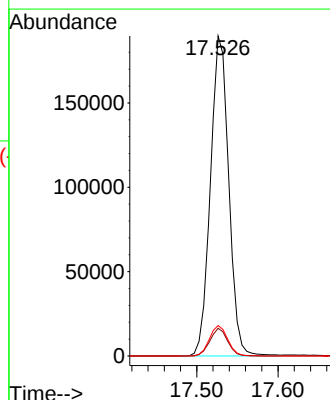
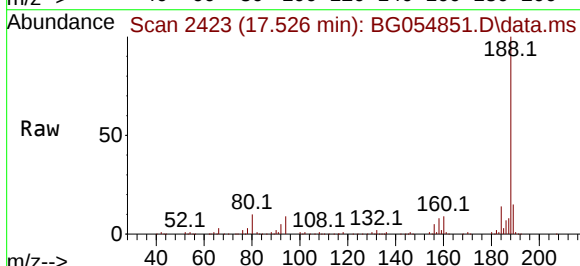
Tgt Ion:188 Resp: 296810

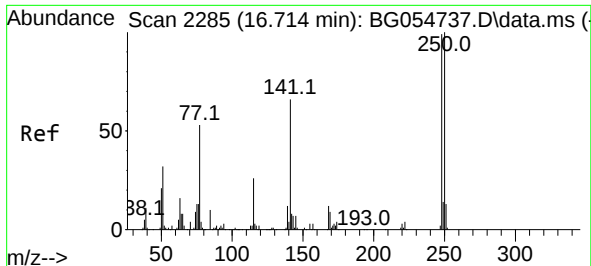
Ion Ratio Lower Upper

188 100

94 8.7 7.0 10.4

80 9.5 7.9 11.9

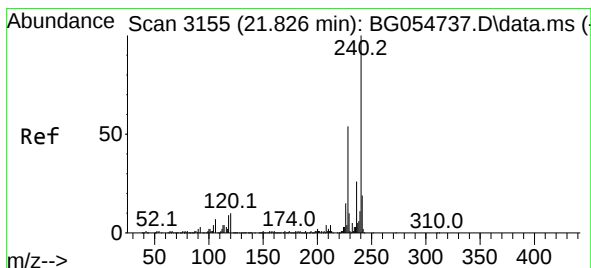
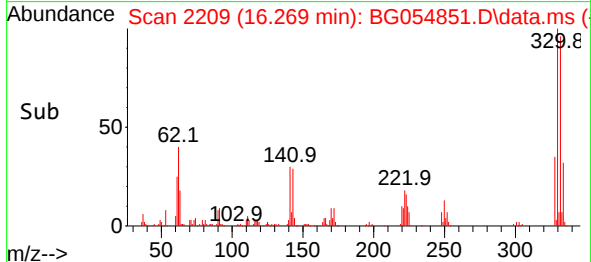
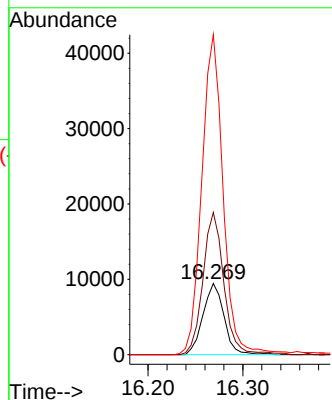
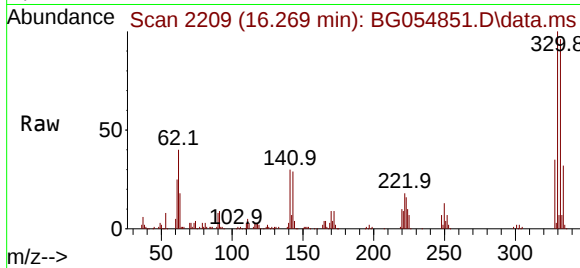




#67
4-Bromophenyl-phenylether
Concen: 4.485 ng
RT: 16.269 min Scan# 21
Delta R.T. -0.445 min
Lab File: BG054851.D
Acq: 6 Sep 2022 14:19

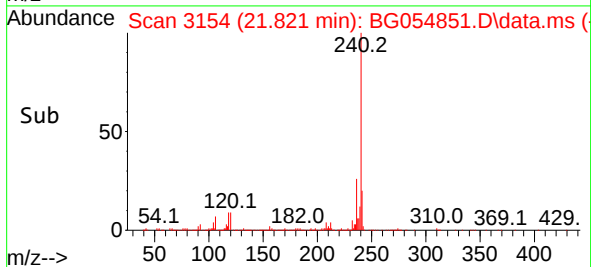
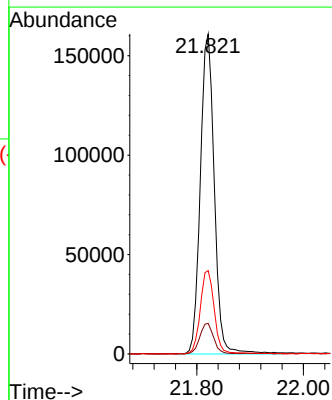
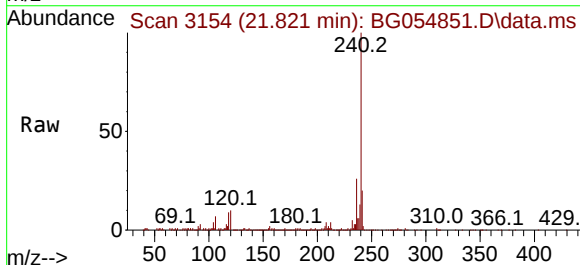
Instrument :
BNA_G
ClientSampleId :
PB147433BL

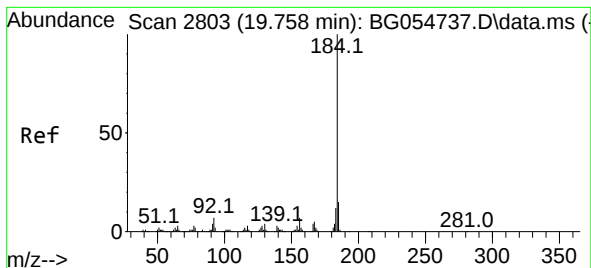
Tgt Ion:248 Resp: 14615
Ion Ratio Lower Upper
248 100
250 199.8 78.8 118.2#
141 449.7 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.821 min Scan# 3154
Delta R.T. -0.005 min
Lab File: BG054851.D
Acq: 6 Sep 2022 14:19

Tgt Ion:240 Resp: 292820
Ion Ratio Lower Upper
240 100
120 9.5 8.2 12.4
236 26.1 21.2 31.8





#77

Benzidine

Concen: 2.810 ng

RT: 20.129 min Scan# 2866

Delta R.T. 0.372 min

Lab File: BG054851.D

Acq: 6 Sep 2022 14:19

Instrument :

BNA_G

ClientSampleId :

PB147433BL

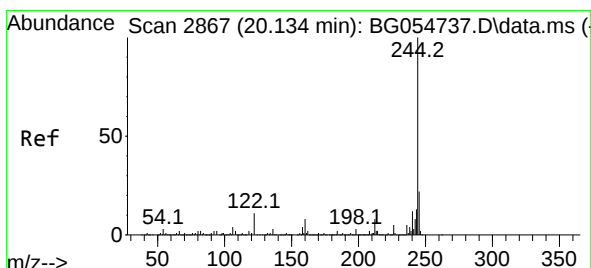
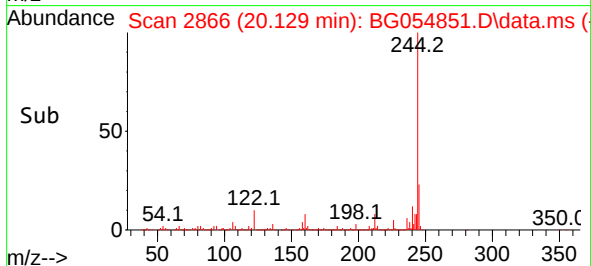
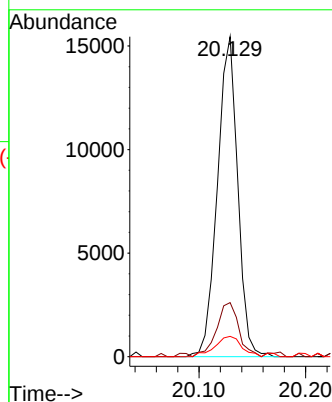
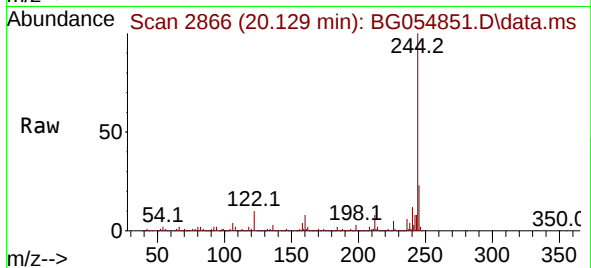
Tgt Ion:184 Resp: 20381

Ion Ratio Lower Upper

184 100

185 16.9 11.4 17.0

183 6.3 9.8 14.8#



#79

Terphenyl-d14

Concen: 92.092 ng

RT: 20.129 min Scan# 2866

Delta R.T. -0.005 min

Lab File: BG054851.D

Acq: 6 Sep 2022 14:19

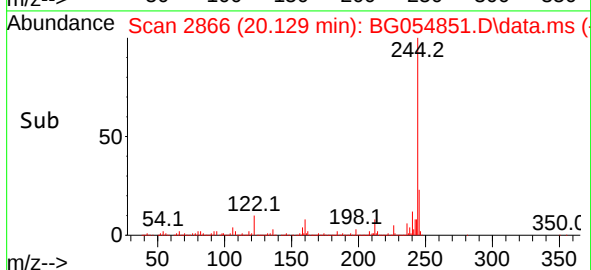
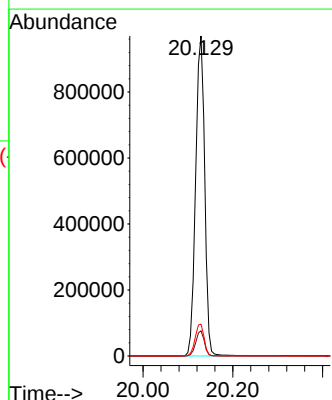
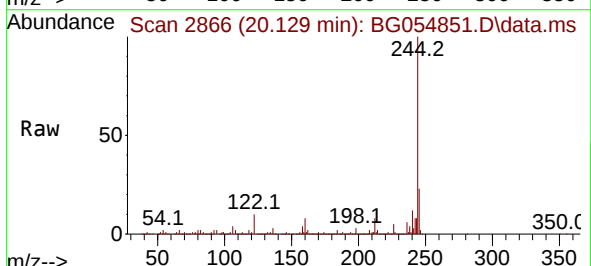
Tgt Ion:244 Resp: 1360982

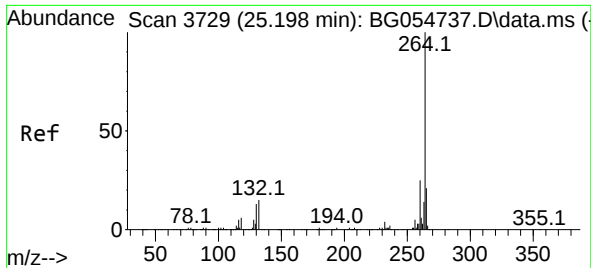
Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

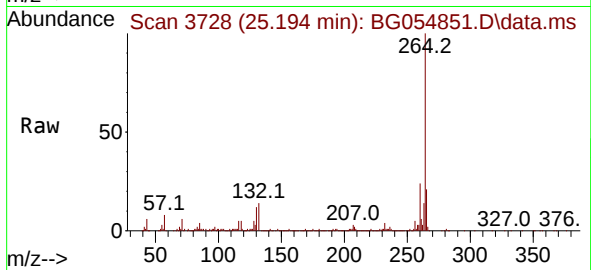
122 10.0 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.194 min Scan# 31
Delta R.T. -0.005 min
Lab File: BG054851.D
Acq: 6 Sep 2022 14:19

Instrument :
BNA_G
ClientSampleId :
PB147433BL



Tgt Ion:264 Resp: 306236
Ion Ratio Lower Upper
264 100
260 24.4 19.9 29.9
265 21.1 16.9 25.3

