

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
 Data File : BG054792.D
 Acq On : 30 Aug 2022 16:35
 Operator : CG/JU
 Sample : N4375-05
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-2

Quant Time: Aug 31 02:07:31 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)

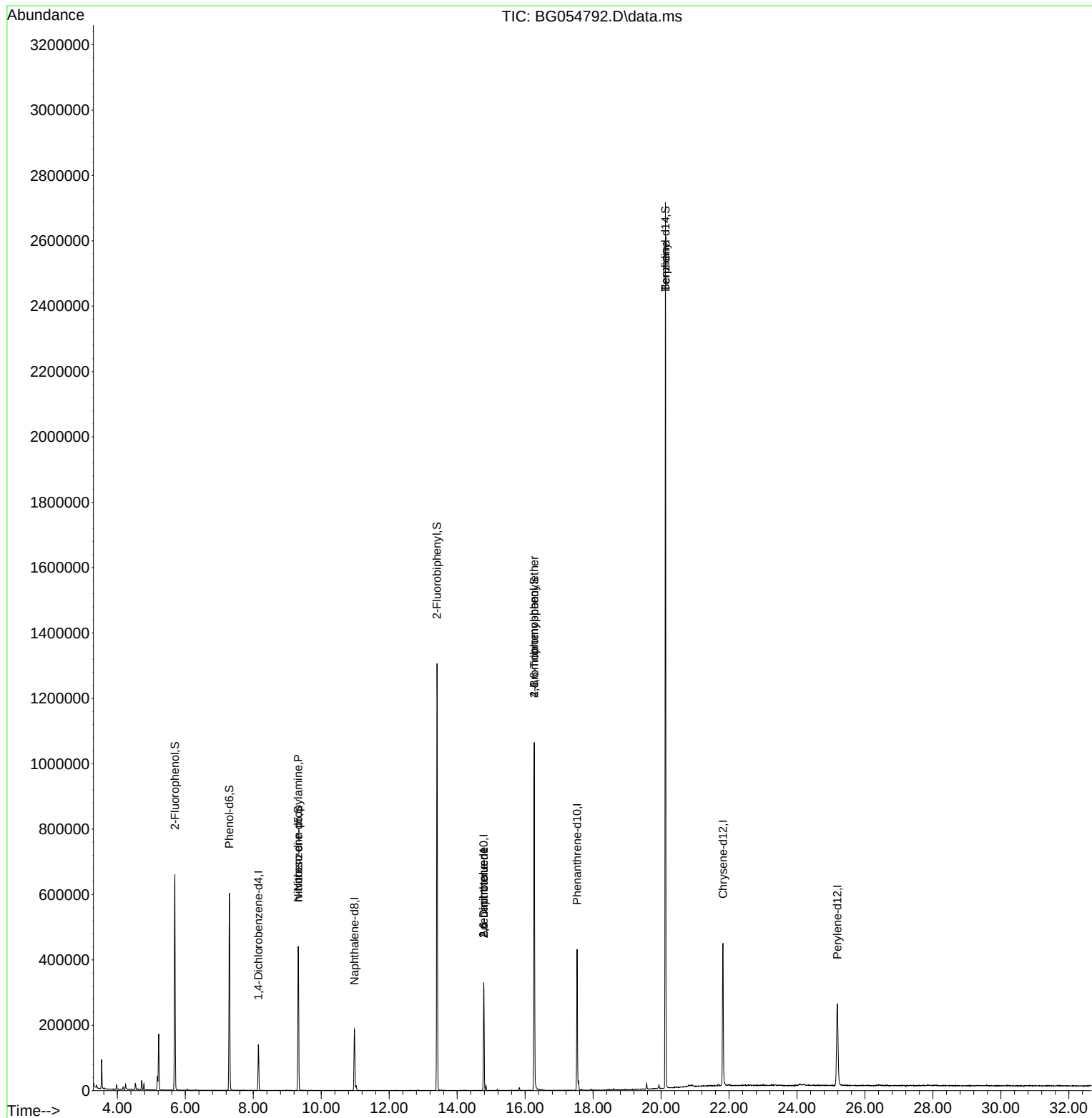
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.147	152	42435	20.000	ng	0.00
21) Naphthalene-d8	10.973	136	172593	20.000	ng	0.00
39) Acenaphthene-d10	14.781	164	122072	20.000	ng	0.00
64) Phenanthrene-d10	17.530	188	295197	20.000	ng	0.00
76) Chrysene-d12	21.820	240	287193	20.000	ng	0.00
86) Perylene-d12	25.186	264	298420	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	310002	127.212	ng	0.00
7) Phenol-d6	7.295	99	379067	113.744	ng	0.00
23) Nitrobenzene-d5	9.322	82	282427	85.904	ng	0.00
42) 2,4,6-Tribromophenol	16.267	330	228218	149.615	ng	0.00
45) 2-Fluorobiphenyl	13.406	172	700834	86.290	ng	0.00
79) Terphenyl-d14	20.127	244	1352740	93.328	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	9.322	70	35640	15.551	ng	# 82
51) 2,6-Dinitrotoluene	14.781	165	15883	8.257	ng	# 20
57) 2,4-Dinitrotoluene	14.781	165	15883	5.970	ng	# 18
67) 4-Bromophenyl-phenylether	16.267	248	14876	4.590	ng	# 1
77) Benzidine	20.127	184	20745	2.916	ng	# 91

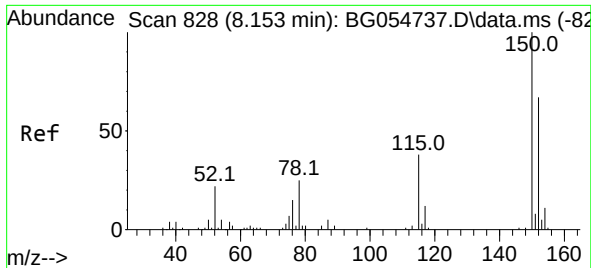
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
Data File : BG054792.D
Acq On : 30 Aug 2022 16:35
Operator : CG/JU
Sample : N4375-05
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Time: Aug 31 02:07:31 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

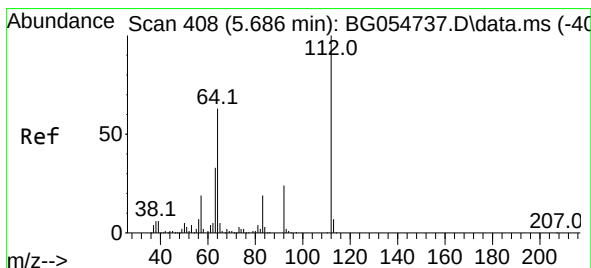
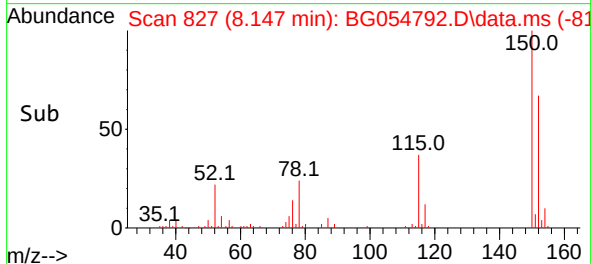
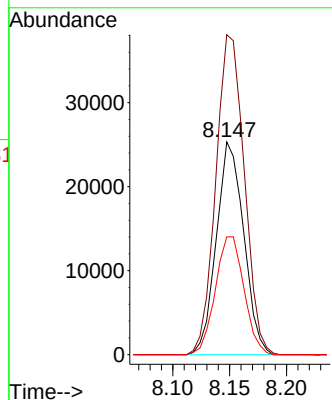
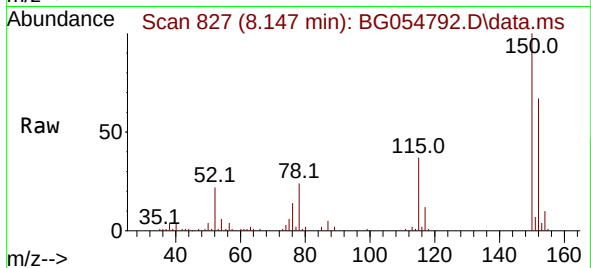




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.147 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG054792.D
Acq: 30 Aug 2022 16:35

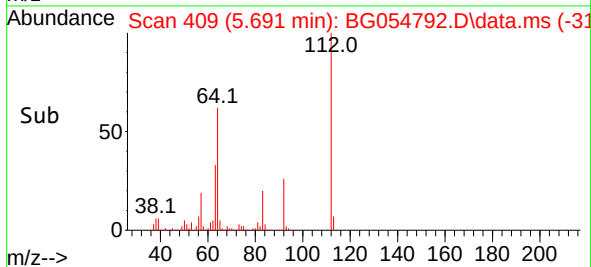
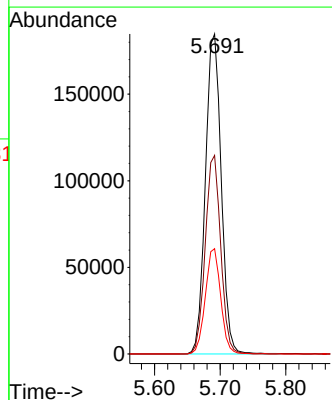
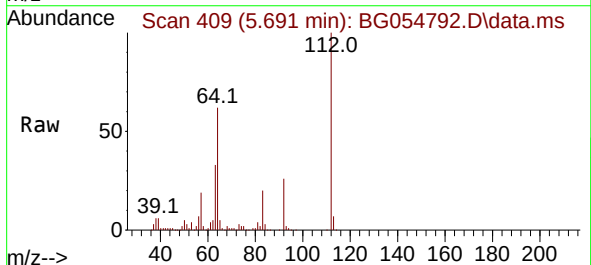
Instrument :
BNA_G
ClientSampleId :
WC-2

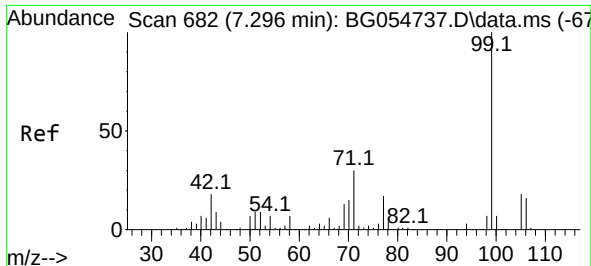
Tgt Ion:152 Resp: 42435
Ion Ratio Lower Upper
152 100
150 150.4 125.2 187.8
115 55.3 47.9 71.9



#5
2-Fluorophenol
Concen: 127.212 ng
RT: 5.691 min Scan# 409
Delta R.T. 0.006 min
Lab File: BG054792.D
Acq: 30 Aug 2022 16:35

Tgt Ion:112 Resp: 310002
Ion Ratio Lower Upper
112 100
64 62.1 49.3 73.9
63 32.9 26.3 39.5

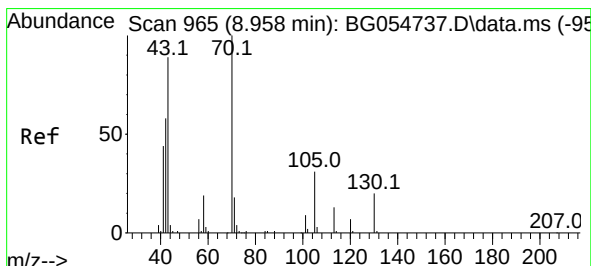
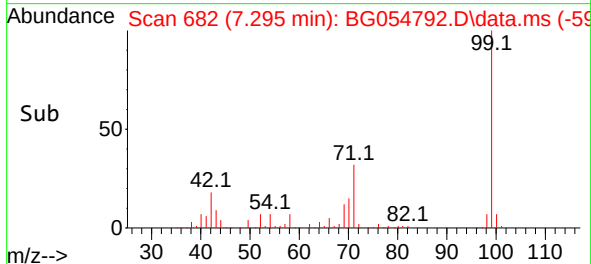
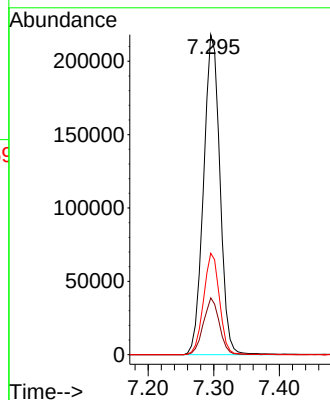
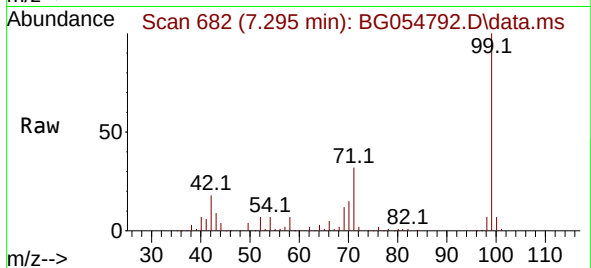




#7
Phenol-d6
Concen: 113.744 ng
RT: 7.295 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG054792.D
Acq: 30 Aug 2022 16:35

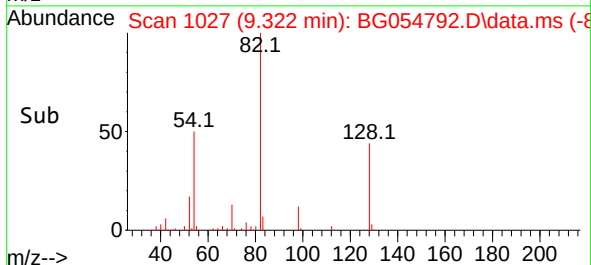
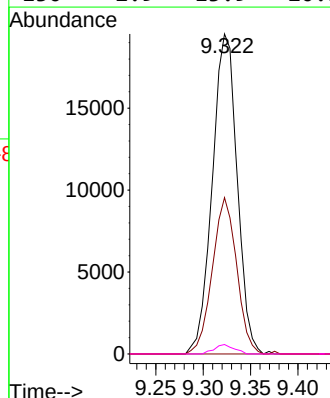
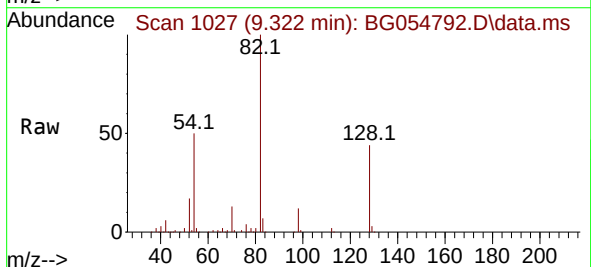
Instrument :
BNA_G
ClientSampleId :
WC-2

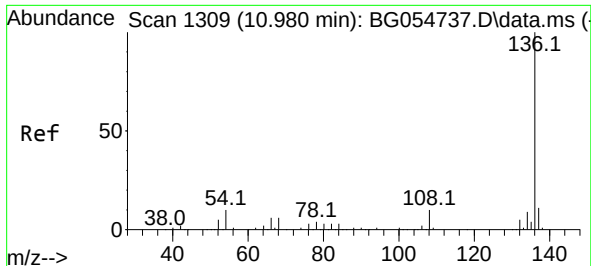
Tgt Ion: 99 Resp: 379067
Ion Ratio Lower Upper
99 100
42 17.7 14.6 22.0
71 31.7 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 15.551 ng
RT: 9.322 min Scan# 1027
Delta R.T. 0.364 min
Lab File: BG054792.D
Acq: 30 Aug 2022 16:35

Tgt Ion: 70 Resp: 35640
Ion Ratio Lower Upper
70 100
42 48.8 46.6 69.8
101 0.0 7.7 11.5#
130 2.9 13.9 20.9#

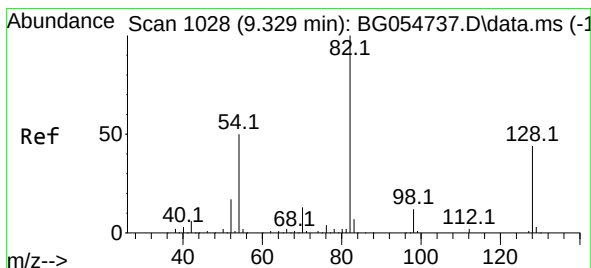
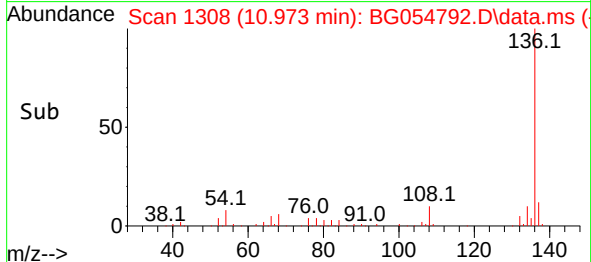
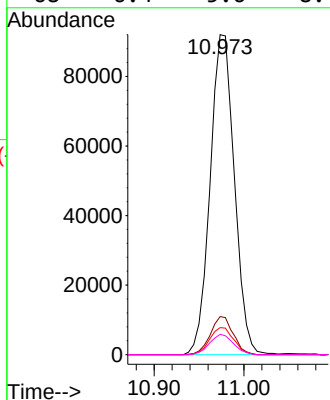
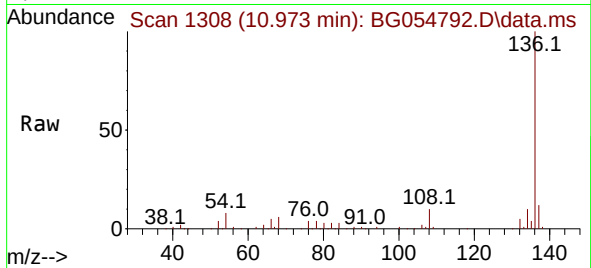




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.973 min Scan# 11
Delta R.T. -0.007 min
Lab File: BG054792.D
Acq: 30 Aug 2022 16:35

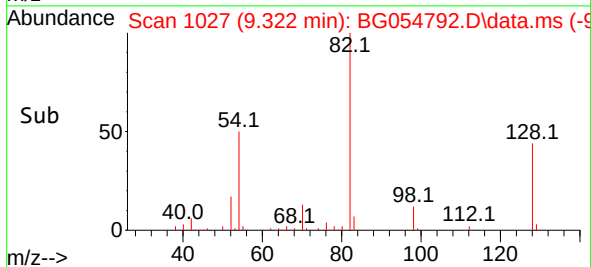
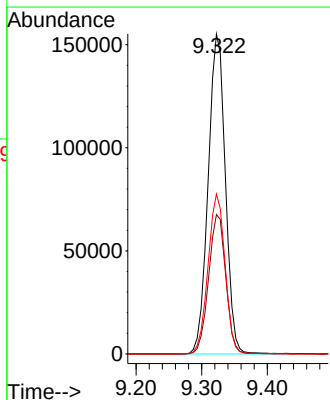
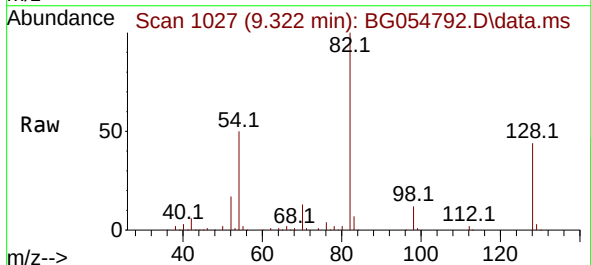
Instrument :
BNA_G
ClientSampleId :
WC-2

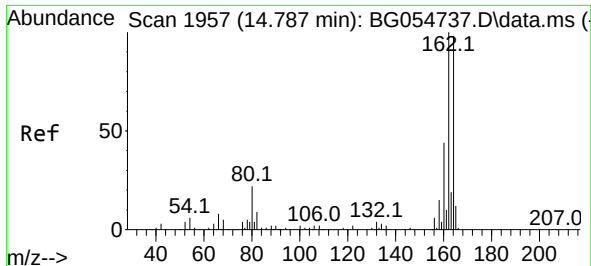
Tgt Ion:	136	Resp:	172593
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	8.4	7.7	11.5
68	6.4	5.6	8.4



#23
Nitrobenzene-d5
Concen: 85.904 ng
RT: 9.322 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BG054792.D
Acq: 30 Aug 2022 16:35

Tgt Ion:	82	Resp:	282427
Ion	Ratio	Lower	Upper
82	100		
128	43.6	32.2	48.2
54	50.0	41.4	62.0

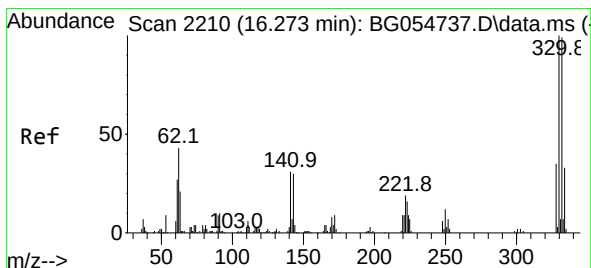
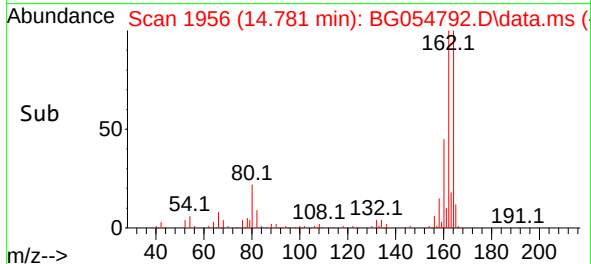
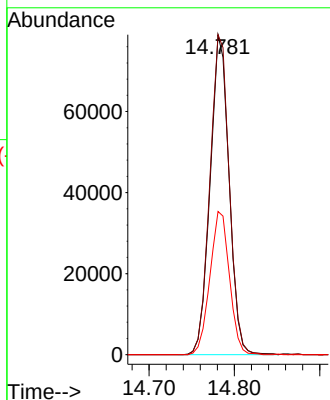
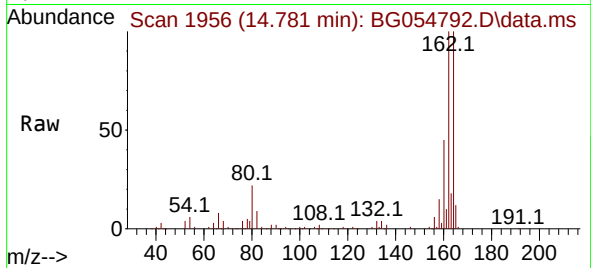




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.781 min Scan# 1957
Delta R.T. -0.006 min
Lab File: BG054792.D
Acq: 30 Aug 2022 16:35

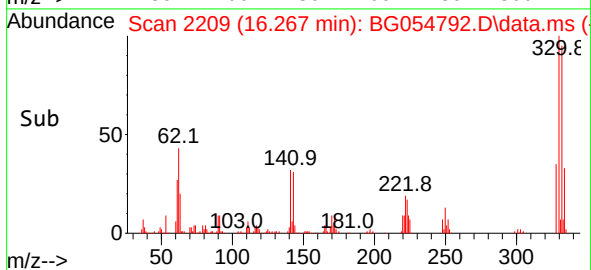
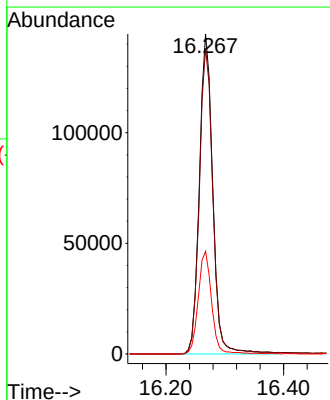
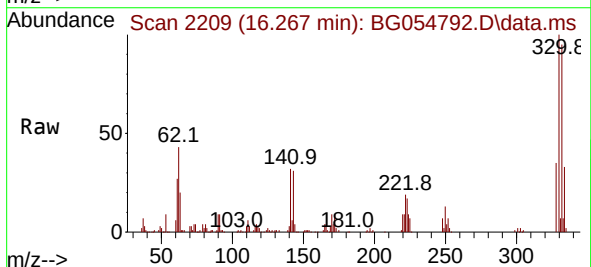
Instrument :
BNA_G
ClientSampleId :
WC-2

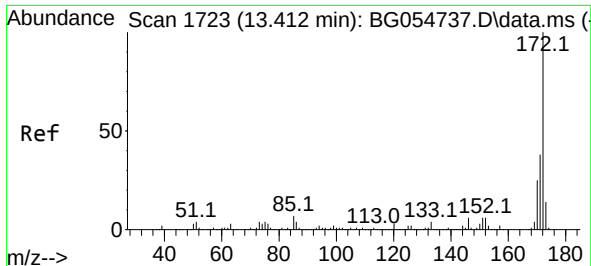
Tgt Ion:164 Resp: 122072
Ion Ratio Lower Upper
164 100
162 100.1 83.0 124.4
160 44.8 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 149.615 ng
RT: 16.267 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BG054792.D
Acq: 30 Aug 2022 16:35

Tgt Ion:330 Resp: 228218
Ion Ratio Lower Upper
330 100
332 97.3 79.8 119.6
141 32.0 26.8 40.2

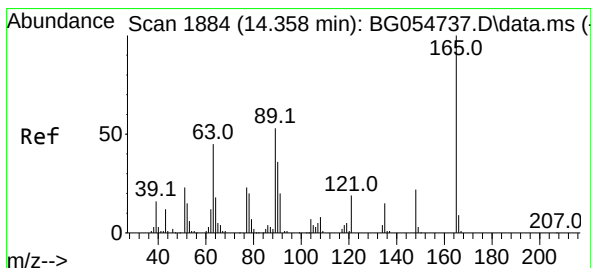
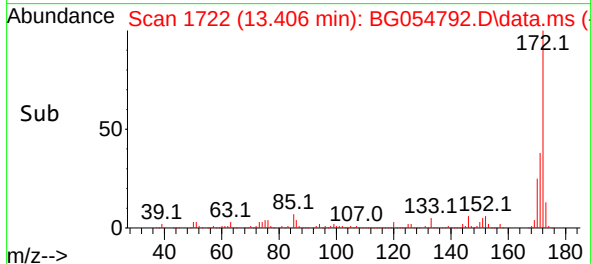
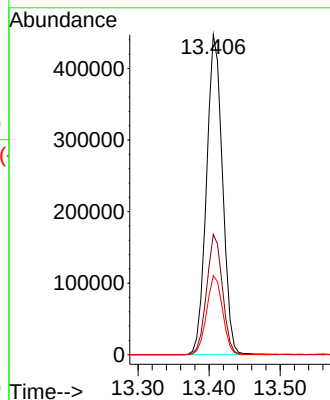
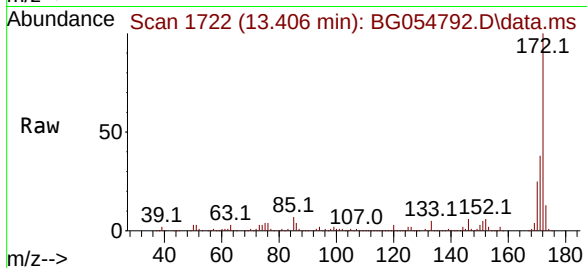




#45
2-Fluorobiphenyl
Concen: 86.290 ng
RT: 13.406 min Scan# 1
Delta R.T. -0.006 min
Lab File: BG054792.D
Acq: 30 Aug 2022 16:35

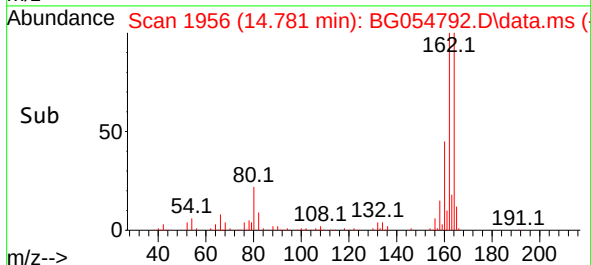
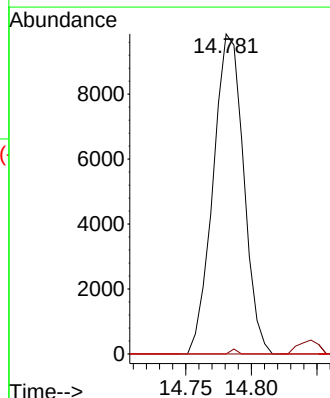
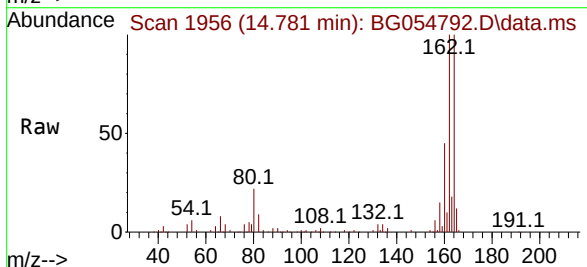
Instrument :
BNA_G
ClientSampleId :
WC-2

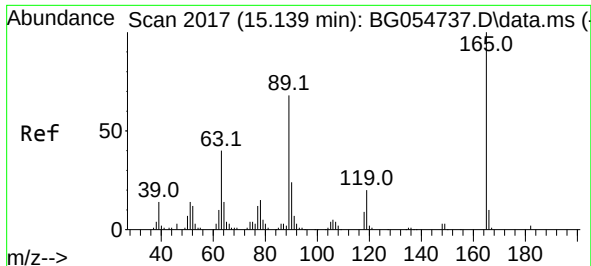
Tgt Ion:172 Resp: 700834
Ion Ratio Lower Upper
172 100
171 37.6 31.2 46.8
170 24.7 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.257 ng
RT: 14.781 min Scan# 1956
Delta R.T. 0.423 min
Lab File: BG054792.D
Acq: 30 Aug 2022 16:35

Tgt Ion:165 Resp: 15883
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: 5.970 ng

RT: 14.781 min Scan# 1956

Delta R.T. -0.359 min

Lab File: BG054792.D

Acq: 30 Aug 2022 16:35

Instrument :

BNA_G

ClientSampleId :

WC-2

Tgt Ion:165 Resp: 15883

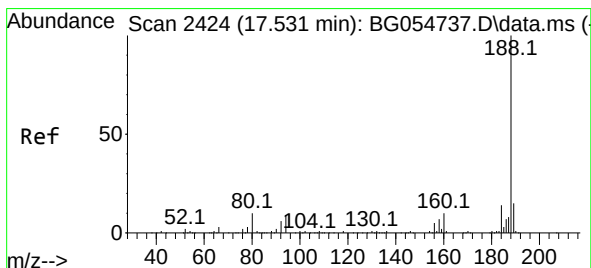
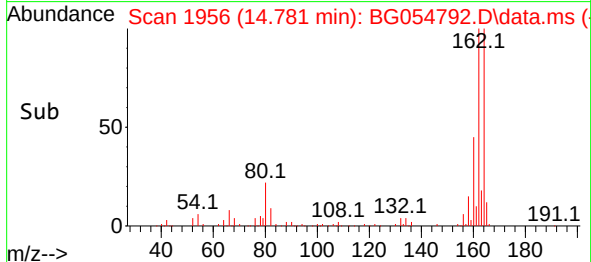
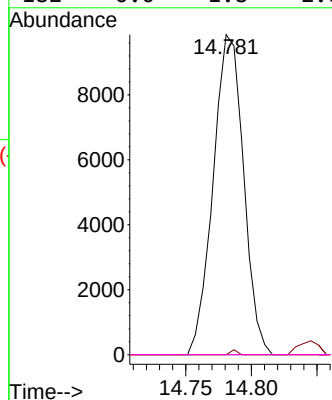
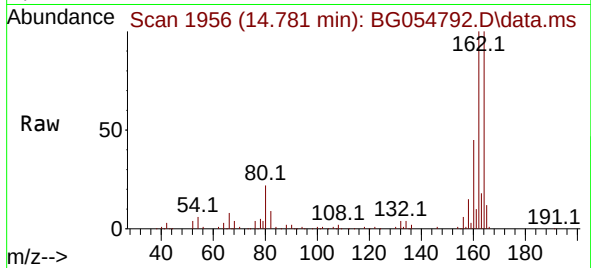
Ion Ratio Lower Upper

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: 17.530 min Scan# 2424

Delta R.T. -0.000 min

Lab File: BG054792.D

Acq: 30 Aug 2022 16:35

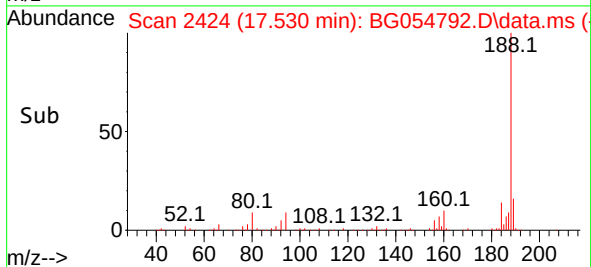
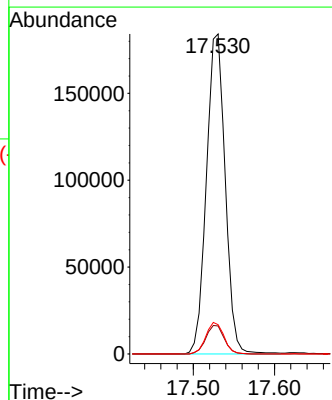
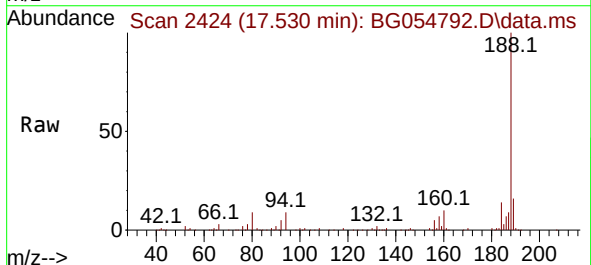
Tgt Ion:188 Resp: 295197

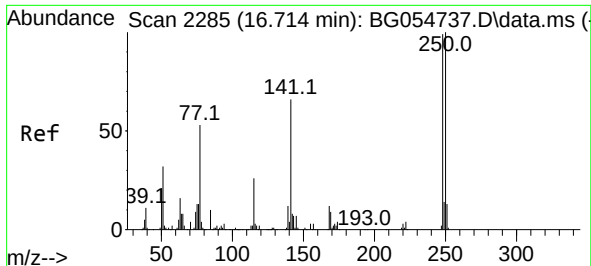
Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.4

80 9.2 7.9 11.9

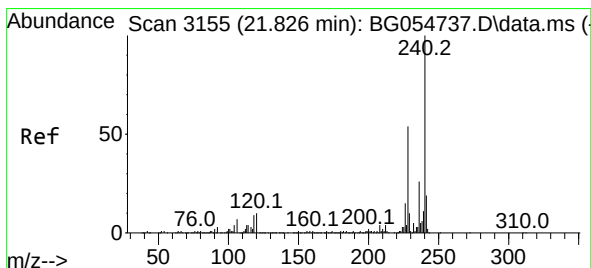
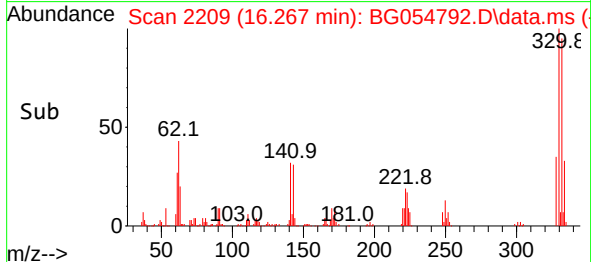
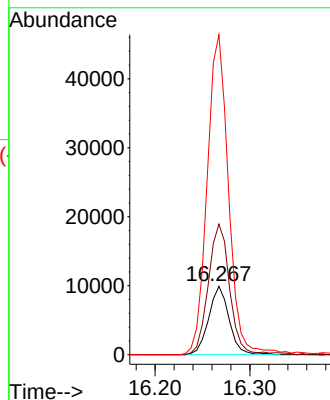
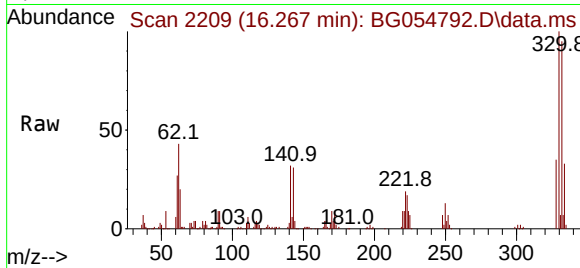




#67
4-Bromophenyl-phenylether
Concen: 4.590 ng
RT: 16.267 min Scan# 21
Delta R.T. -0.447 min
Lab File: BG054792.D
Acq: 30 Aug 2022 16:35

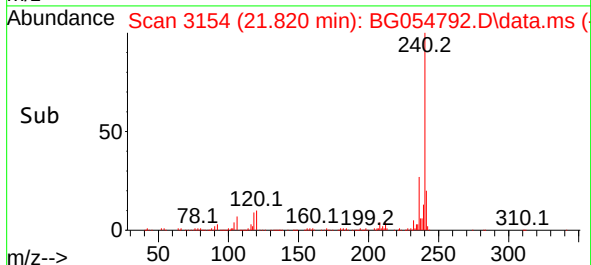
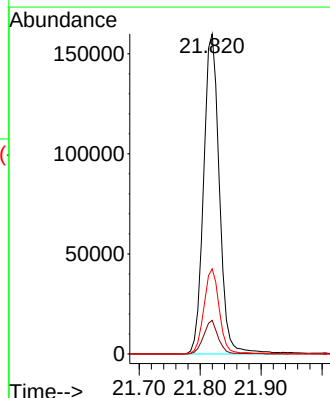
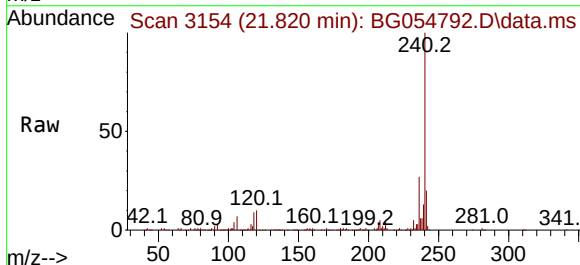
Instrument :
BNA_G
ClientSampleId :
WC-2

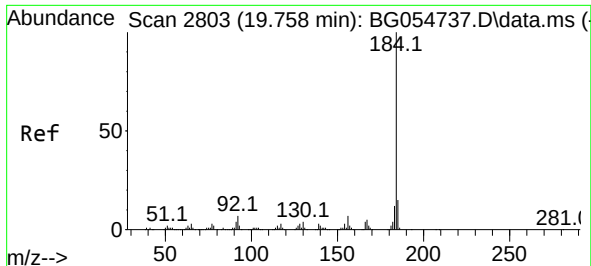
Tgt Ion:248 Resp: 14876
Ion Ratio Lower Upper
248 100
250 191.0 78.8 118.2#
141 468.2 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.820 min Scan# 3154
Delta R.T. -0.006 min
Lab File: BG054792.D
Acq: 30 Aug 2022 16:35

Tgt Ion:240 Resp: 287193
Ion Ratio Lower Upper
240 100
120 10.5 8.2 12.4
236 26.6 21.2 31.8

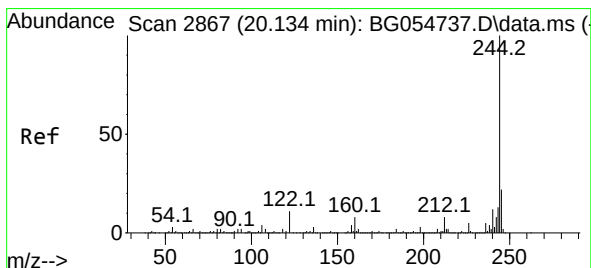
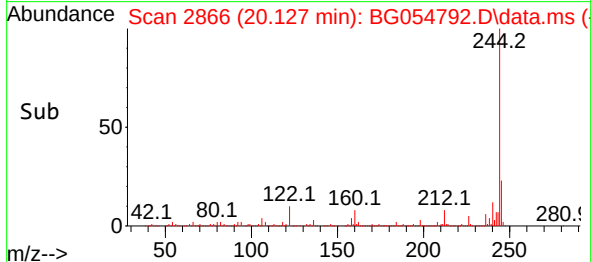
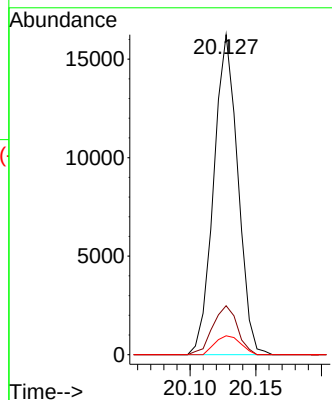
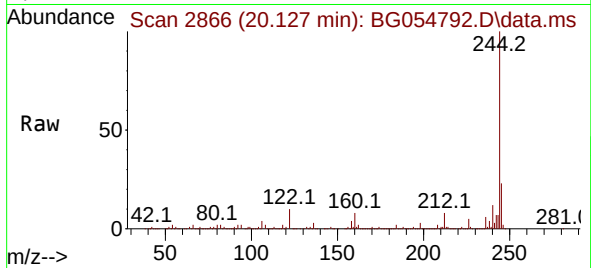




#77
Benzidine
Concen: 2.916 ng
RT: 20.127 min Scan# 2866
Delta R.T. 0.370 min
Lab File: BG054792.D
Acq: 30 Aug 2022 16:35

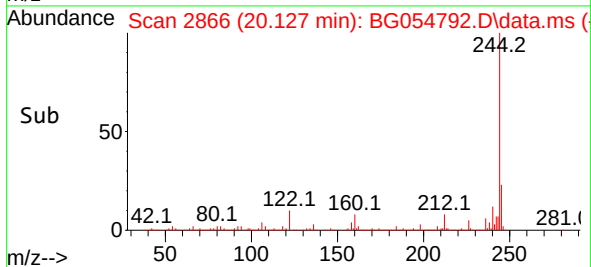
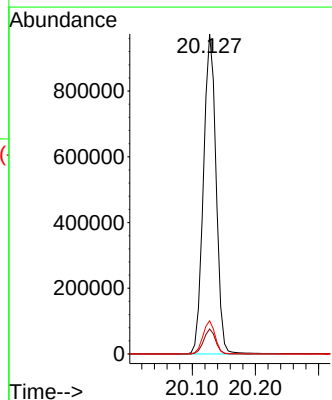
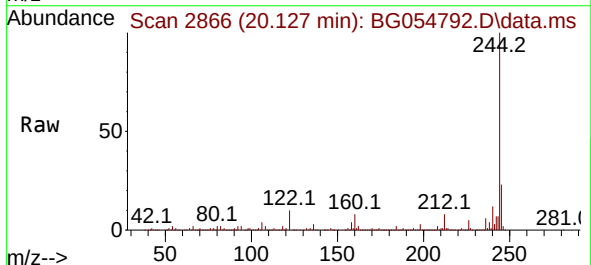
Instrument :
BNA_G
ClientSampleId :
WC-2

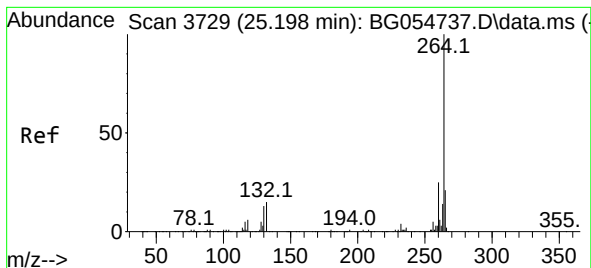
Tgt Ion:184 Resp: 20745
Ion Ratio Lower Upper
184 100
185 15.3 11.4 17.0
183 5.9 9.8 14.8#



#79
Terphenyl-d14
Concen: 93.328 ng
RT: 20.127 min Scan# 2866
Delta R.T. -0.006 min
Lab File: BG054792.D
Acq: 30 Aug 2022 16:35

Tgt Ion:244 Resp: 1352740
Ion Ratio Lower Upper
244 100
212 7.8 6.2 9.2
122 10.4 9.0 13.6





#86

Perylene-d12

Concen: 20.000 ng

RT: 25.186 min Scan# 31

Delta R.T. -0.012 min

Lab File: BG054792.D

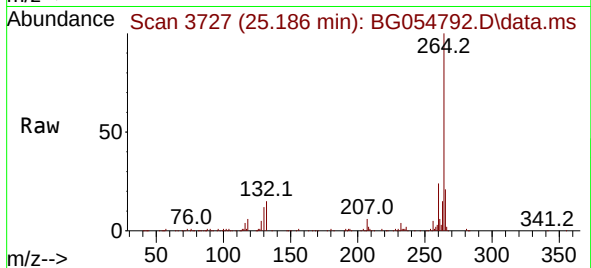
Acq: 30 Aug 2022 16:35

Instrument :

BNA_G

ClientSampleId :

WC-2



Tgt Ion:264 Resp: 298420

Ion Ratio Lower Upper

264 100

260 24.1 19.9 29.9

265 21.1 16.9 25.3

