

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
 Data File : BG054789.D
 Acq On : 30 Aug 2022 14:29
 Operator : CG/JU
 Sample : N4375-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-1

Quant Time: Aug 30 16:05:46 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)

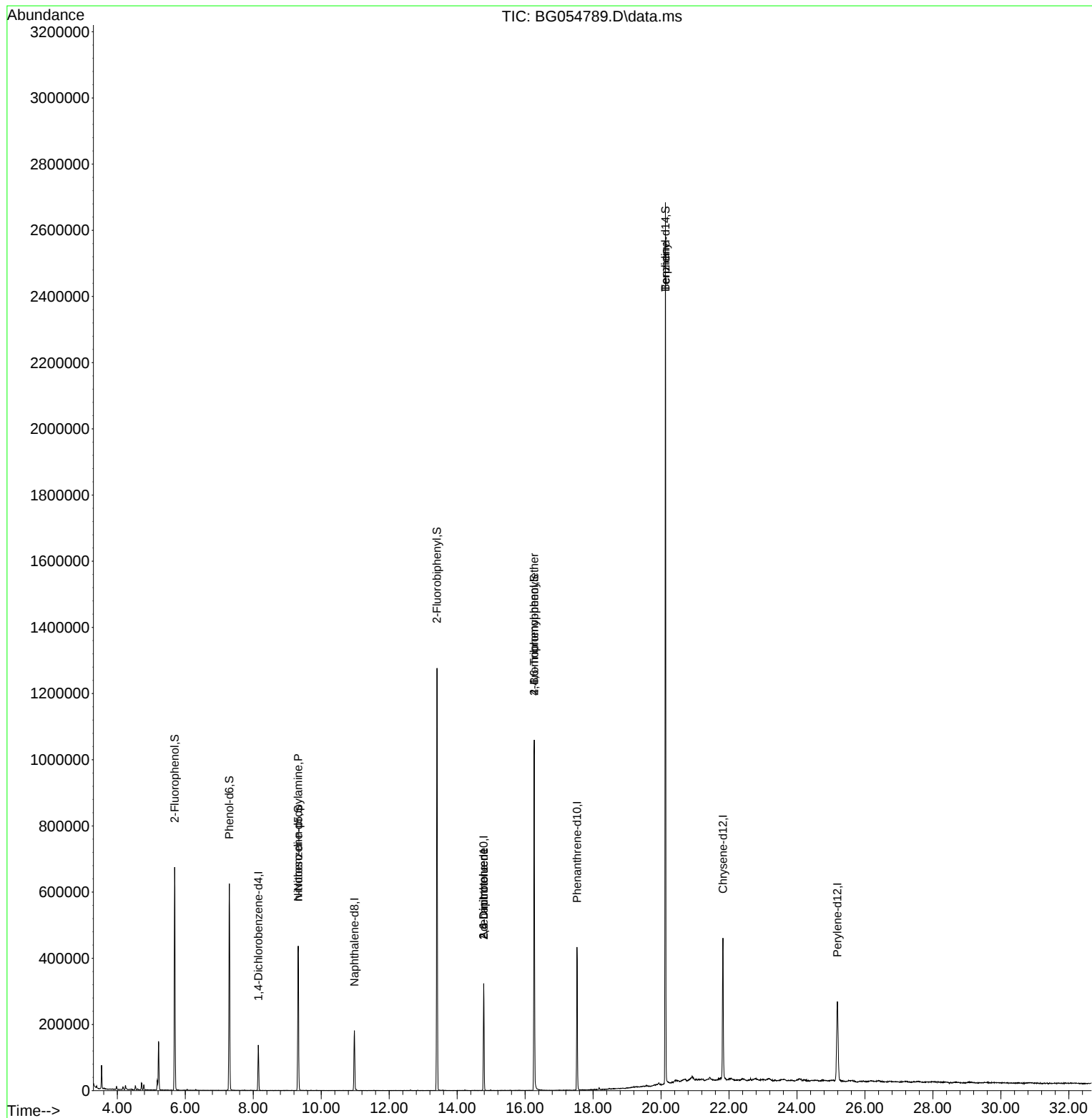
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.150	152	40202	20.000	ng	0.00
21) Naphthalene-d8	10.976	136	165292	20.000	ng	0.00
39) Acenaphthene-d10	14.783	164	116891	20.000	ng	0.00
64) Phenanthrene-d10	17.527	188	283224	20.000	ng	0.00
76) Chrysene-d12	21.822	240	271273	20.000	ng	0.00
86) Perylene-d12	25.189	264	283768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	309811	134.196	ng	0.00
7) Phenol-d6	7.298	99	386080	122.283	ng	0.00
23) Nitrobenzene-d5	9.325	82	279312	88.709	ng	0.00
42) 2,4,6-Tribromophenol	16.270	330	228818	156.657	ng	0.00
45) 2-Fluorobiphenyl	13.408	172	694651	89.320	ng	0.00
79) Terphenyl-d14	20.130	244	1311414	95.786	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	9.325	70	35768	16.474	ng	# 78
51) 2,6-Dinitrotoluene	14.783	165	15510	8.420	ng	# 20
57) 2,4-Dinitrotoluene	14.783	165	15510	6.088	ng	# 18
67) 4-Bromophenyl-phenylether	16.270	248	15209	4.891	ng	# 1
77) Benzidine	20.130	184	19888	2.960	ng	# 89

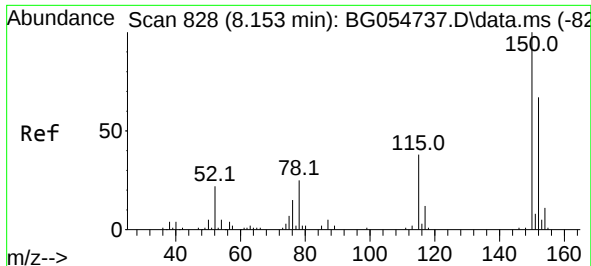
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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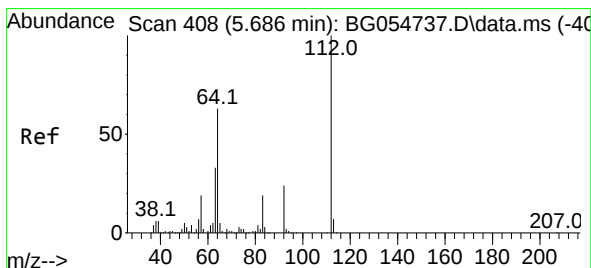
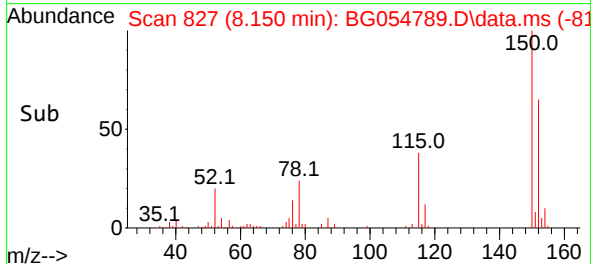
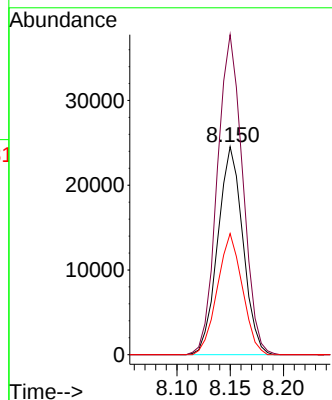
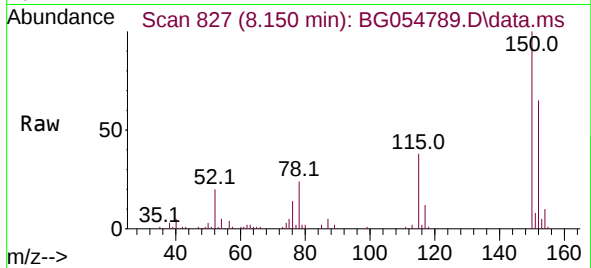




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.150 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG054789.D
Acq: 30 Aug 2022 14:29

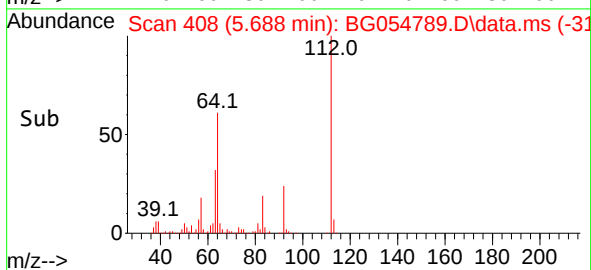
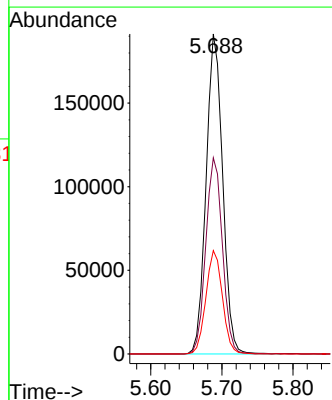
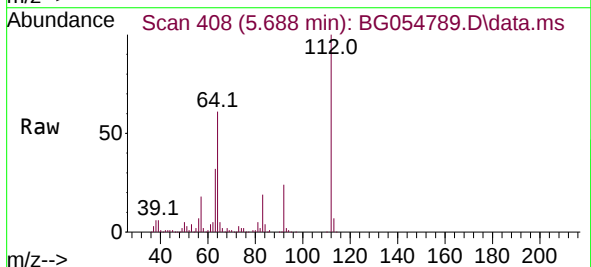
Instrument :
BNA_G
ClientSampleId :
WC-1

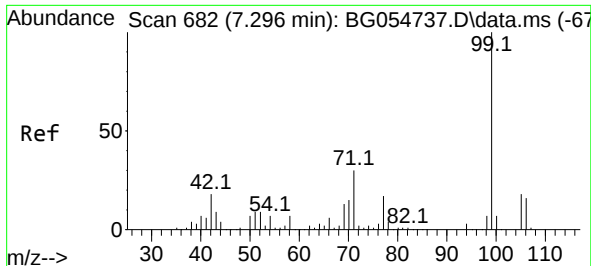
Tgt Ion:152 Resp: 40202
Ion Ratio Lower Upper
152 100
150 153.8 125.2 187.8
115 58.3 47.9 71.9



#5
2-Fluorophenol
Concen: 134.196 ng
RT: 5.688 min Scan# 408
Delta R.T. 0.002 min
Lab File: BG054789.D
Acq: 30 Aug 2022 14:29

Tgt Ion:112 Resp: 309811
Ion Ratio Lower Upper
112 100
64 61.3 49.3 73.9
63 32.3 26.3 39.5

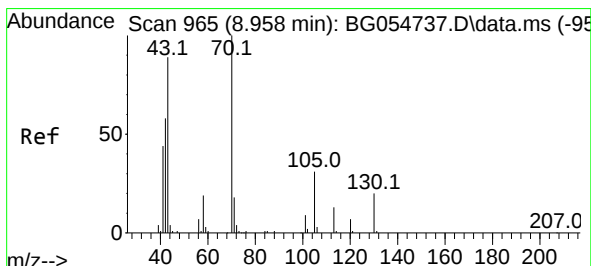
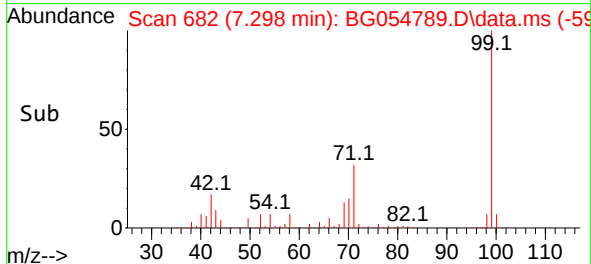
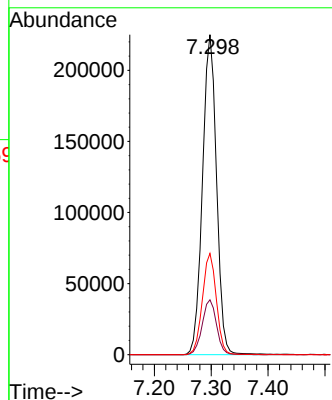
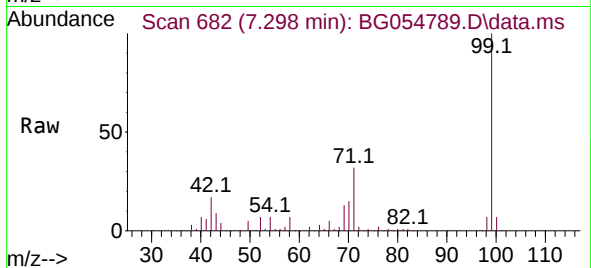




#7
Phenol-d6
Concen: 122.283 ng
RT: 7.298 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG054789.D
Acq: 30 Aug 2022 14:29

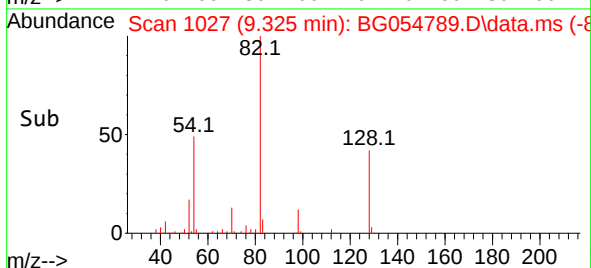
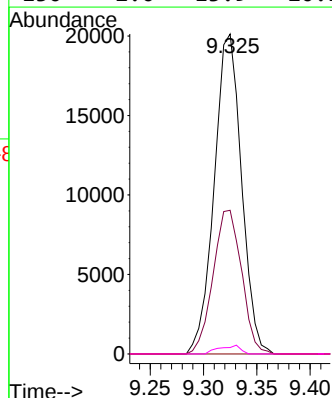
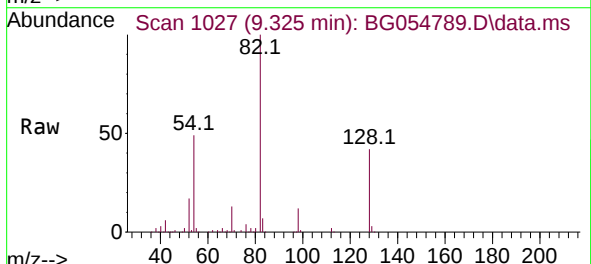
Instrument :
BNA_G
ClientSampleId :
WC-1

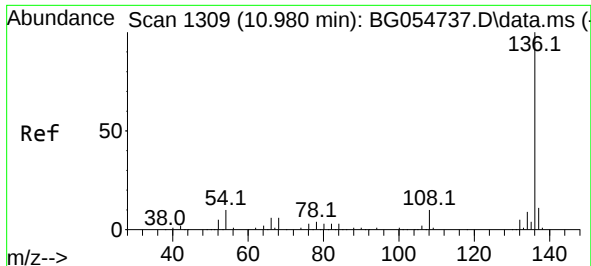
Tgt Ion: 99 Resp: 386080
Ion Ratio Lower Upper
99 100
42 17.2 14.6 22.0
71 31.6 24.6 37.0



#19
n-Nitroso-di-n-propylamine
Concen: 16.474 ng
RT: 9.325 min Scan# 1027
Delta R.T. 0.366 min
Lab File: BG054789.D
Acq: 30 Aug 2022 14:29

Tgt Ion: 70 Resp: 35768
Ion Ratio Lower Upper
70 100
42 44.9 46.6 69.8#
101 0.0 7.7 11.5#
130 2.0 13.9 20.9#

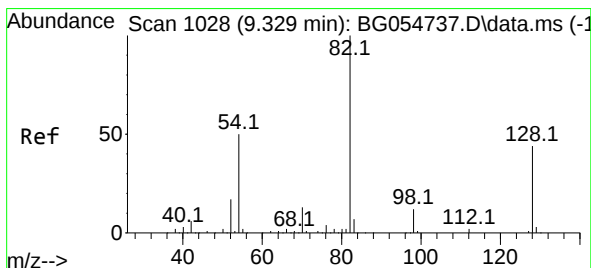
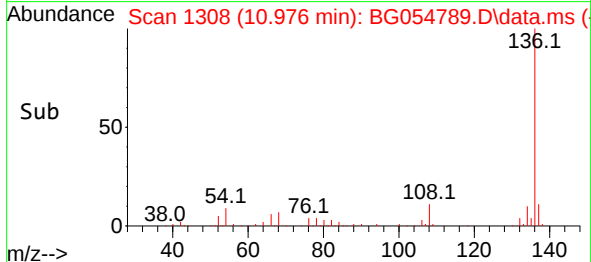
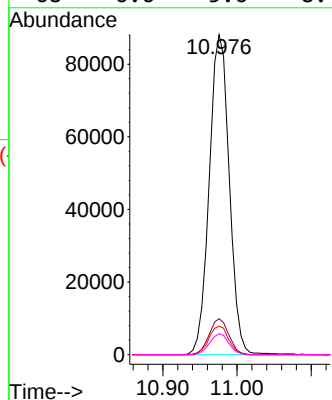
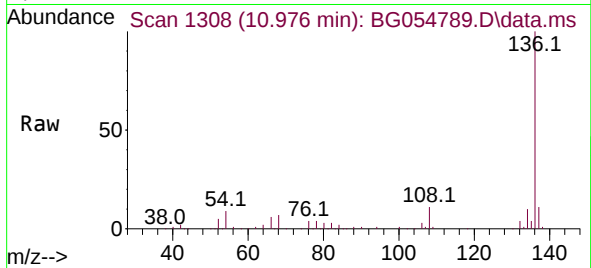




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.976 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG054789.D
Acq: 30 Aug 2022 14:29

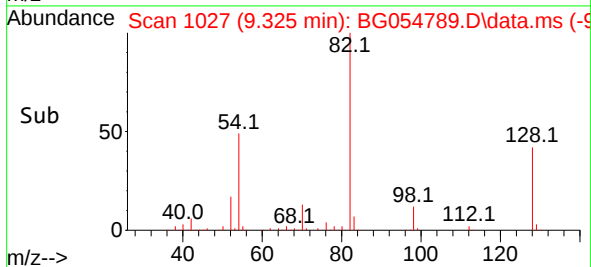
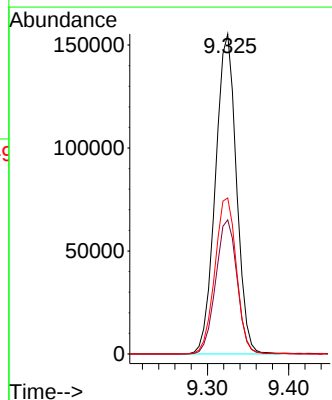
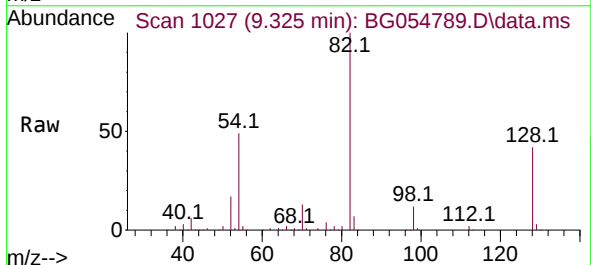
Instrument :
BNA_G
ClientSampleId :
WC-1

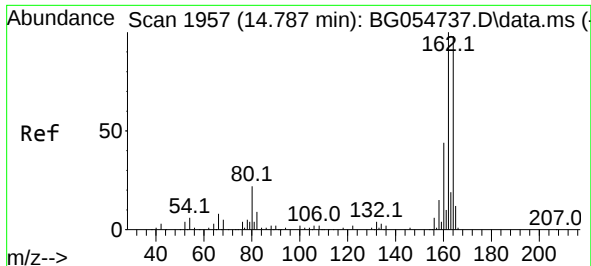
Tgt Ion:	136	Resp:	165292
Ion Ratio	Lower	Upper	
136	100		
137	11.3	9.2	13.8
54	8.9	7.7	11.5
68	6.6	5.6	8.4



#23
Nitrobenzene-d5
Concen: 88.709 ng
RT: 9.325 min Scan# 1027
Delta R.T. -0.004 min
Lab File: BG054789.D
Acq: 30 Aug 2022 14:29

Tgt Ion:	82	Resp:	279312
Ion Ratio	Lower	Upper	
82	100		
128	41.9	32.2	48.2
54	48.8	41.4	62.0

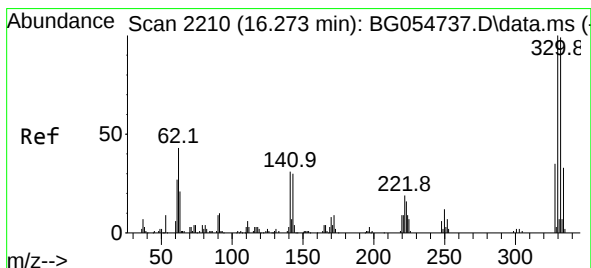
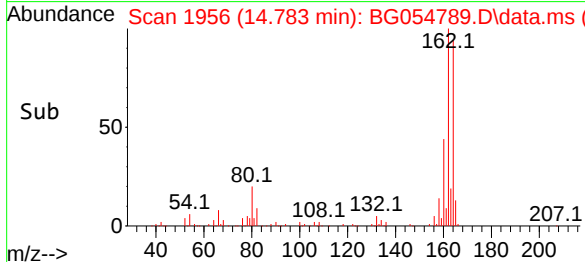
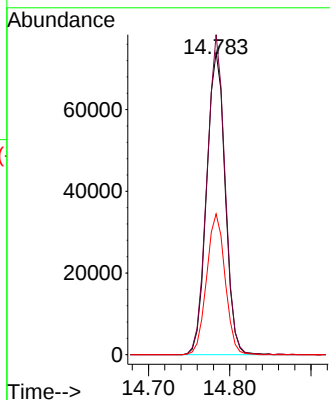
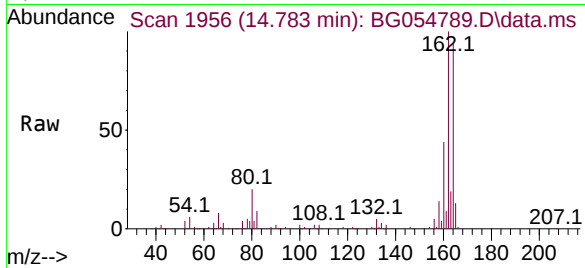




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.783 min Scan# 1956
Delta R.T. -0.004 min
Lab File: BG054789.D
Acq: 30 Aug 2022 14:29

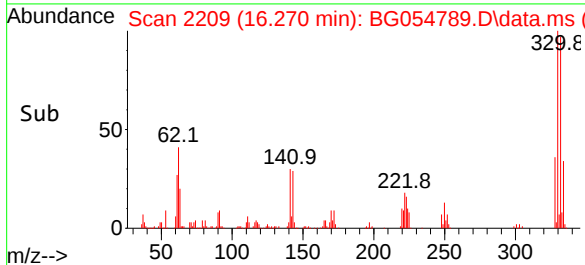
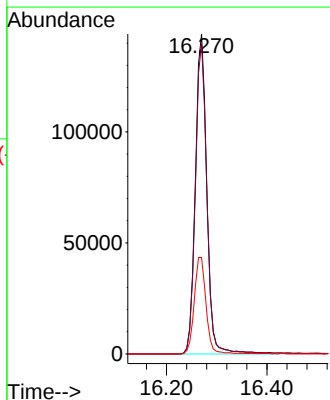
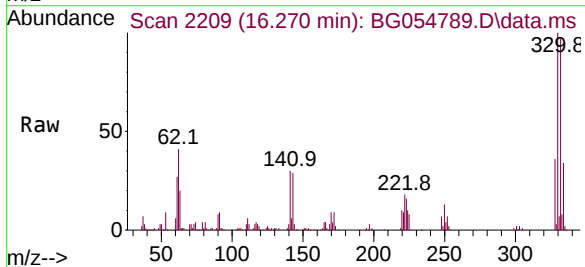
Instrument :
BNA_G
ClientSampleId :
WC-1

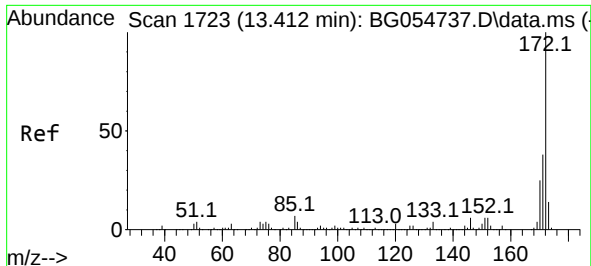
Tgt Ion:164 Resp: 116891
Ion Ratio Lower Upper
164 100
162 105.9 83.0 124.4
160 46.6 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 156.657 ng
RT: 16.270 min Scan# 2209
Delta R.T. -0.004 min
Lab File: BG054789.D
Acq: 30 Aug 2022 14:29

Tgt Ion:330 Resp: 228818
Ion Ratio Lower Upper
330 100
332 97.2 79.8 119.6
141 31.1 26.8 40.2

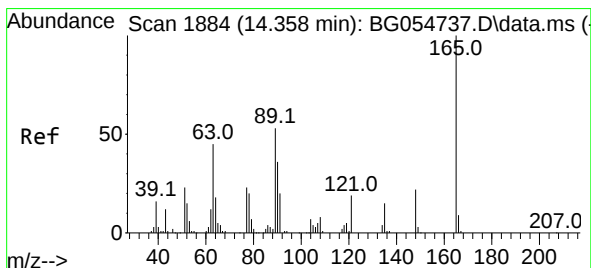
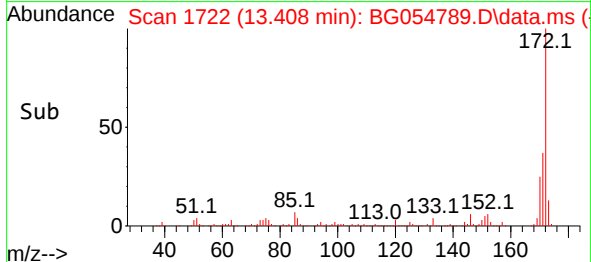
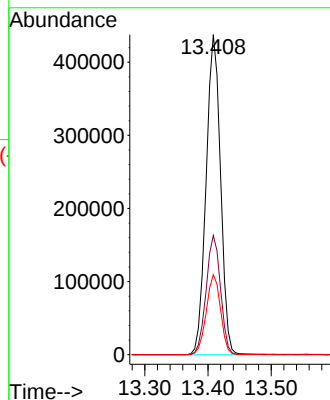
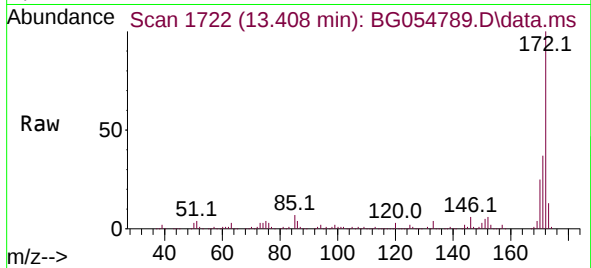




#45
2-Fluorobiphenyl
Concen: 89.320 ng
RT: 13.408 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG054789.D
Acq: 30 Aug 2022 14:29

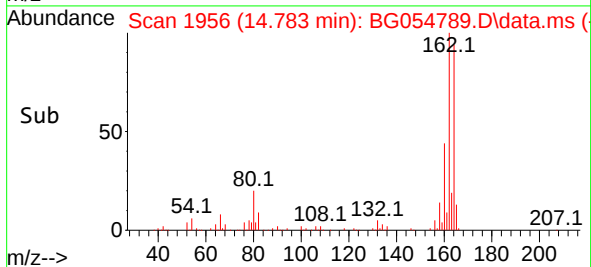
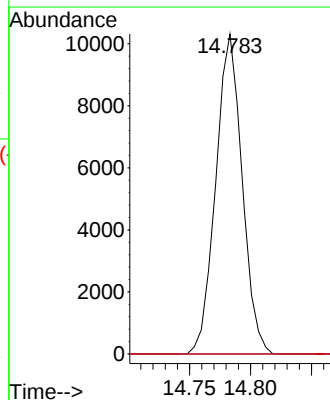
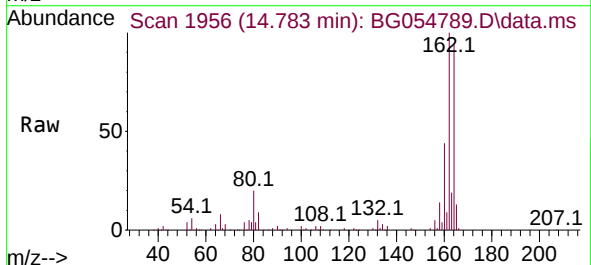
Instrument :
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ClientSampleId :
WC-1

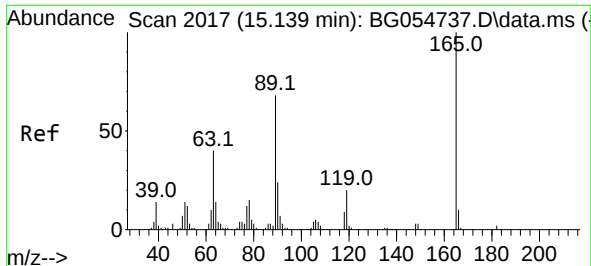
Tgt Ion:172 Resp: 694651
Ion Ratio Lower Upper
172 100
171 37.2 31.2 46.8
170 25.0 20.6 30.8



#51
2,6-Dinitrotoluene
Concen: 8.420 ng
RT: 14.783 min Scan# 1956
Delta R.T. 0.425 min
Lab File: BG054789.D
Acq: 30 Aug 2022 14:29

Tgt Ion:165 Resp: 15510
Ion Ratio Lower Upper
165 100
63 0.0 46.0 69.0#
89 0.0 50.3 75.5#

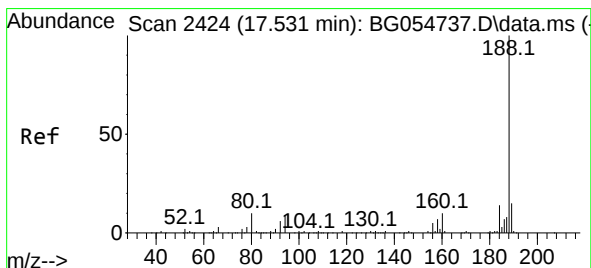
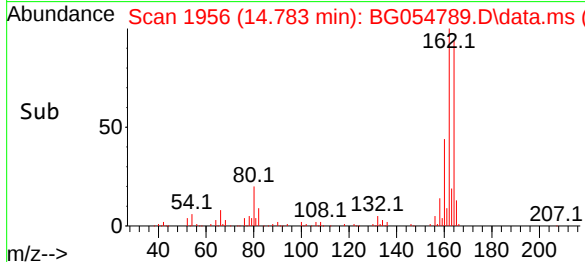
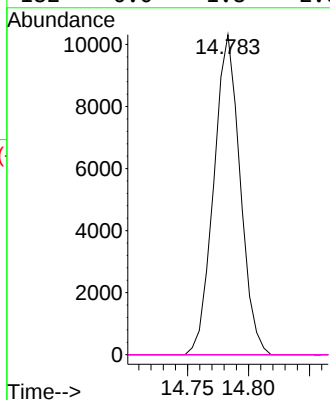
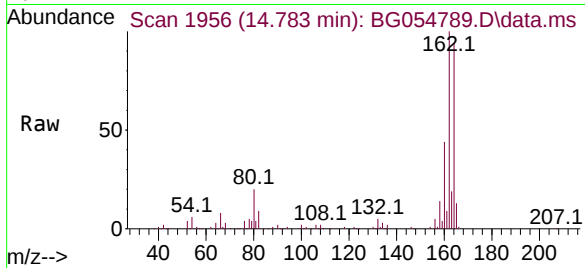




#57
2,4-Dinitrotoluene
Concen: 6.088 ng
RT: 14.783 min Scan# 1956
Delta R.T. -0.356 min
Lab File: BG054789.D
Acq: 30 Aug 2022 14:29

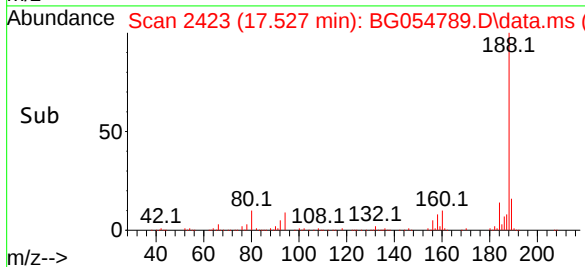
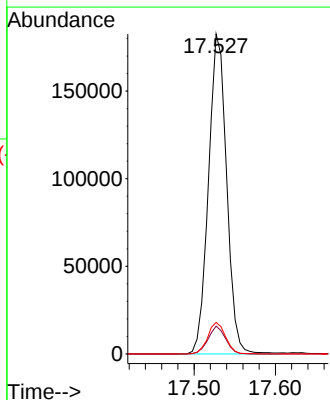
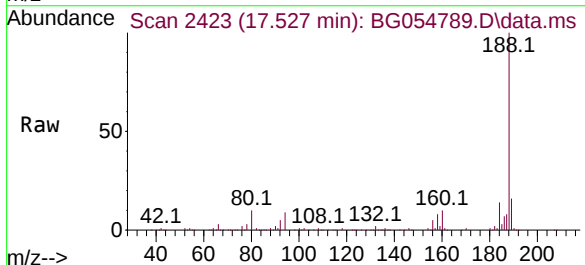
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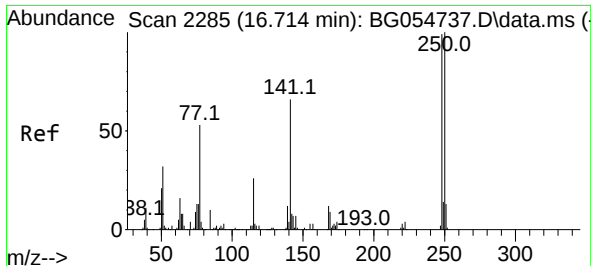
Tgt Ion:165 Resp: 15510
Ion Ratio Lower Upper
165 100
63 0.0 36.8 55.2#
89 0.0 64.3 96.5#
182 0.0 1.8 2.6#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.527 min Scan# 2423
Delta R.T. -0.004 min
Lab File: BG054789.D
Acq: 30 Aug 2022 14:29

Tgt Ion:188 Resp: 283224
Ion Ratio Lower Upper
188 100
94 8.7 7.0 10.4
80 9.9 7.9 11.9

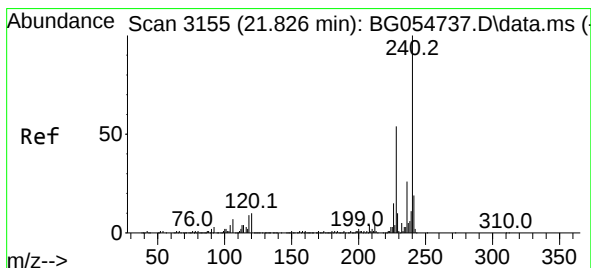
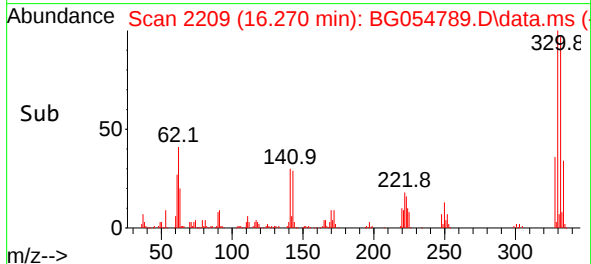
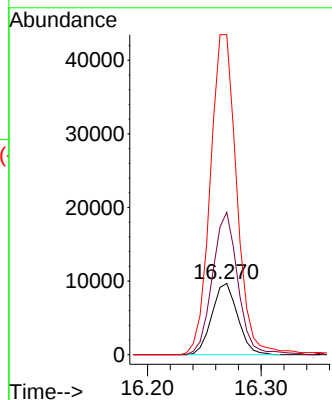
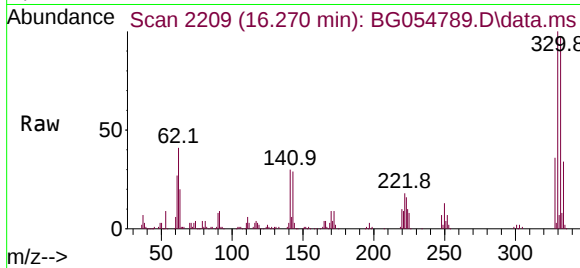




#67
4-Bromophenyl-phenylether
Concen: 4.891 ng
RT: 16.270 min Scan# 21
Delta R.T. -0.444 min
Lab File: BG054789.D
Acq: 30 Aug 2022 14:29

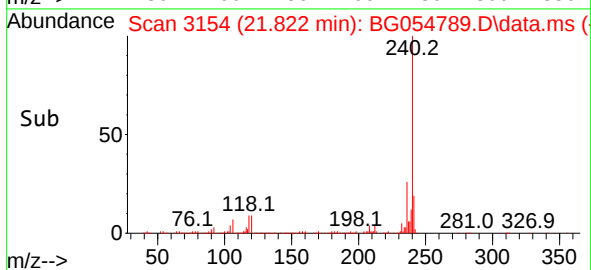
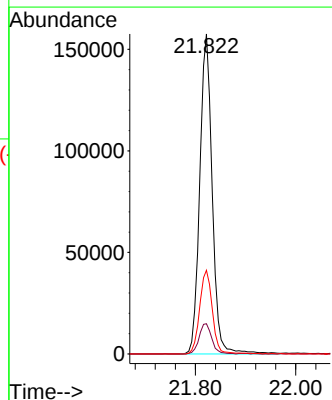
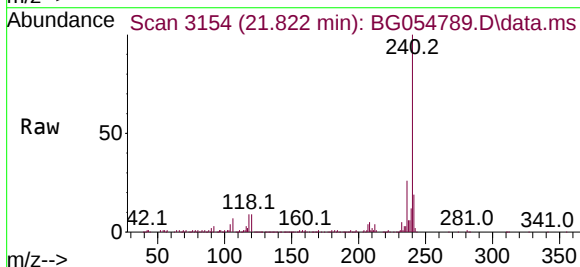
Instrument :
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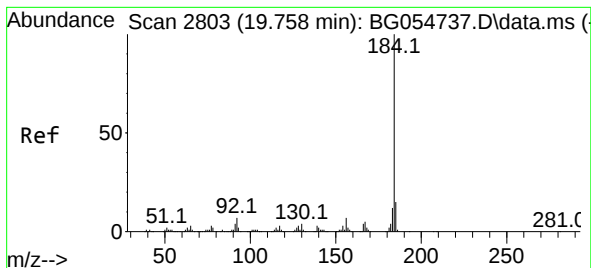
Tgt Ion:248 Resp: 15209
Ion Ratio Lower Upper
248 100
250 199.6 78.8 118.2#
141 448.9 51.9 77.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.822 min Scan# 3154
Delta R.T. -0.004 min
Lab File: BG054789.D
Acq: 30 Aug 2022 14:29

Tgt Ion:240 Resp: 271273
Ion Ratio Lower Upper
240 100
120 9.4 8.2 12.4
236 26.2 21.2 31.8





#77

Benzidine

Concen: 2.960 ng

RT: 20.130 min Scan# 2866

Delta R.T. 0.372 min

Lab File: BG054789.D

Acq: 30 Aug 2022 14:29

Instrument :

BNA_G

ClientSampleId :

WC-1

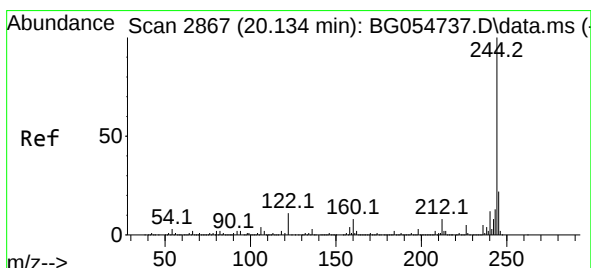
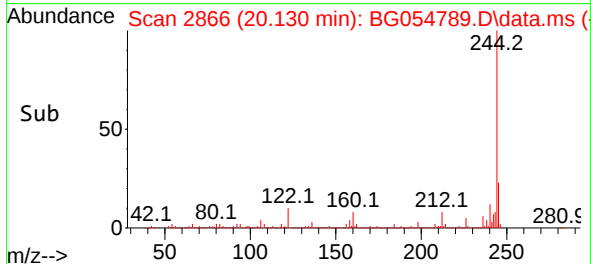
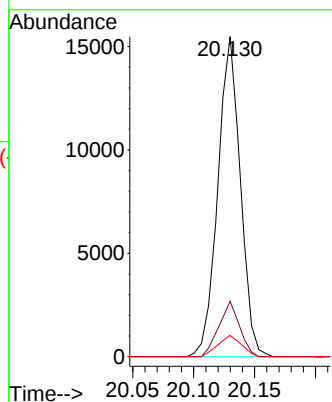
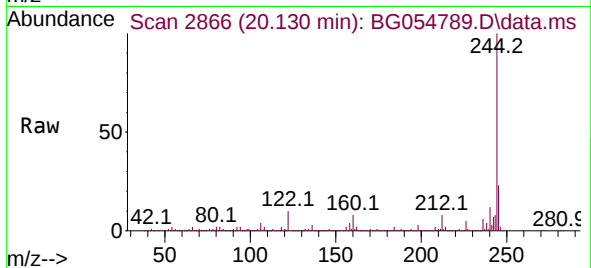
Tgt Ion:184 Resp: 19888

Ion Ratio Lower Upper

184 100

185 17.3 11.4 17.0#

183 6.7 9.8 14.8#



#79

Terphenyl-d14

Concen: 95.786 ng

RT: 20.130 min Scan# 2866

Delta R.T. -0.004 min

Lab File: BG054789.D

Acq: 30 Aug 2022 14:29

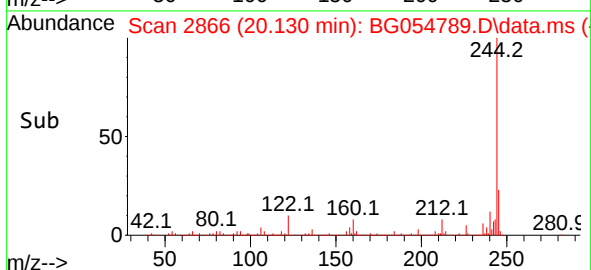
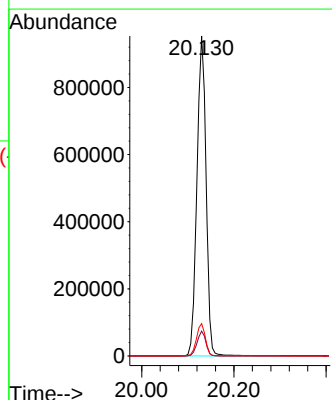
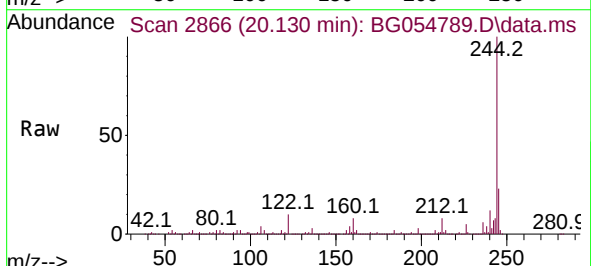
Tgt Ion:244 Resp: 1311414

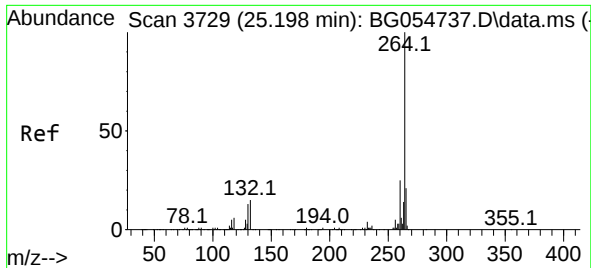
Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

122 10.1 9.0 13.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.189 min Scan# 31
Delta R.T. -0.010 min
Lab File: BG054789.D
Acq: 30 Aug 2022 14:29

Instrument :
BNA_G
ClientSampleId :
WC-1

Tgt Ion:264 Resp: 283768
Ion Ratio Lower Upper
264 100
260 23.8 19.9 29.9
265 21.6 16.9 25.3

