

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040622\
 Data File : BG053065.D
 Acq On : 6 Apr 2022 21:41
 Operator : CG/JU
 Sample : N2254-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-14A-1A-4-1

Quant Time: Apr 07 04:11:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 06 14:35:39 2022
 Response via : Initial Calibration

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

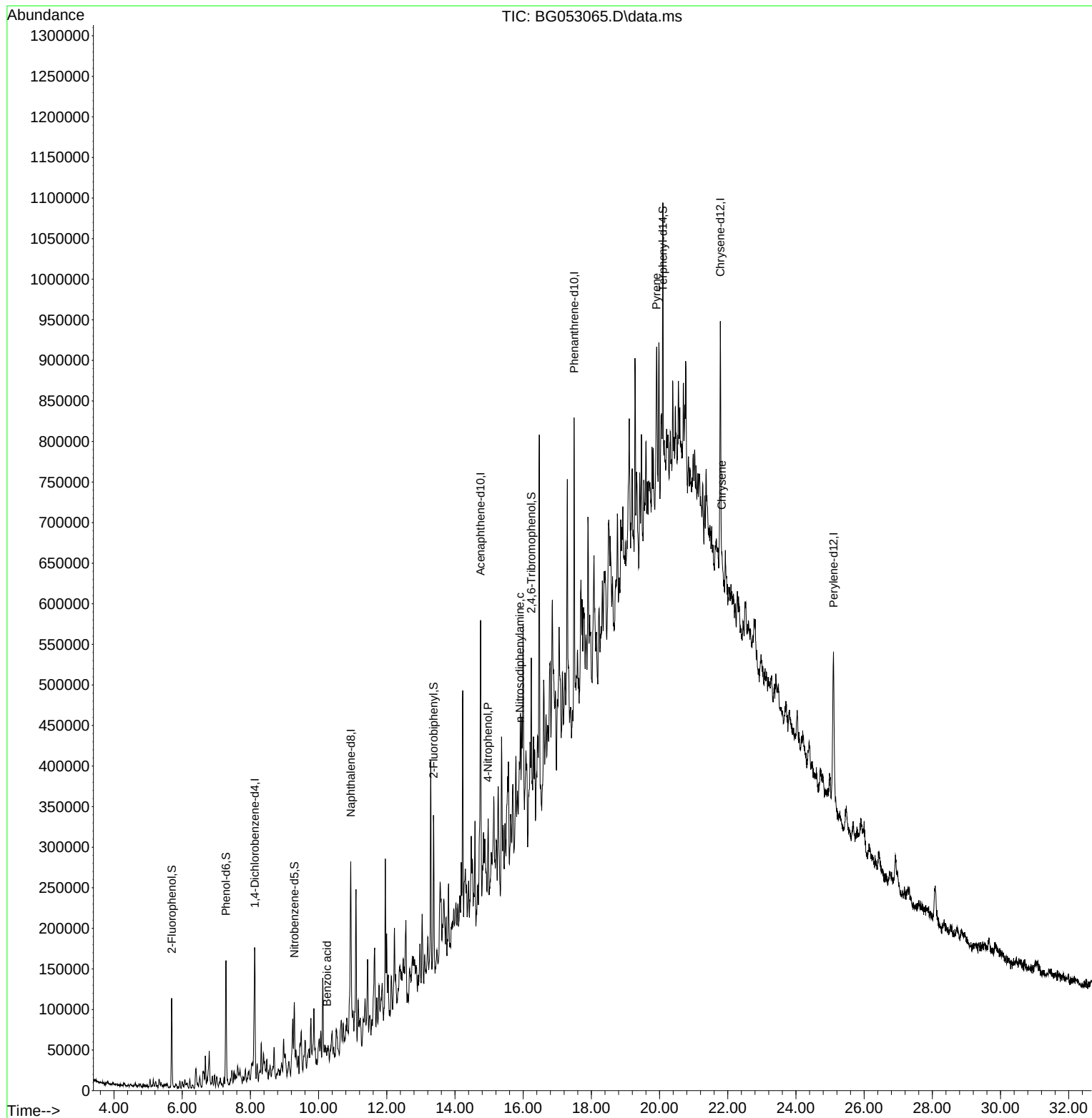
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.131	152	42632	20.000	ng	0.00
21) Naphthalene-d8	10.945	136	162117	20.000	ng	# 0.00
39) Acenaphthene-d10	14.751	164	102815	20.000	ng	0.00
64) Phenanthrene-d10	17.495	188	195370	20.000	ng	0.00
76) Chrysene-d12	21.783	240	196356	20.000	ng	0.00
86) Perylene-d12	25.102	264	210834	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	45751	18.689	ng	0.00
7) Phenol-d6	7.285	99	69445	18.817	ng	0.00
23) Nitrobenzene-d5	9.288	82	49566	15.345	ng	0.00
42) 2,4,6-Tribromophenol	16.237	330	25812	18.683	ng	0.00
45) 2-Fluorobiphenyl	13.377	172	92158	13.220	ng	0.00
79) Terphenyl-d14	20.097	244	131056	11.873	ng	0.00
Target Compounds						
9) Benzaldehyde	7.267	77	481	Below Cal	Qvalue	# 50
32) Benzoic acid	10.251	122	270	5.813	ng	# 31
56) 4-Nitrophenol	14.969	139	2764	2.244	ng	# 33
66) n-Nitrosodiphenylamine	15.903	169	17870	3.249	ng	# 94
78) Pyrene	19.909	202	79022	5.802	ng	# 87
83) Chrysene	21.824	228	30701	2.484	ng	# 46

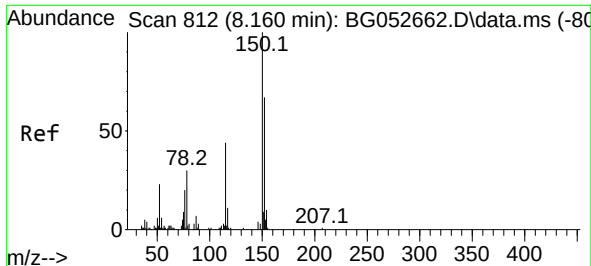
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : N2254-01 5X
Misc :
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Instrument :
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Quant Time: Apr 07 04:11:20 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 06 14:35:39 2022
Response via : Initial Calibration

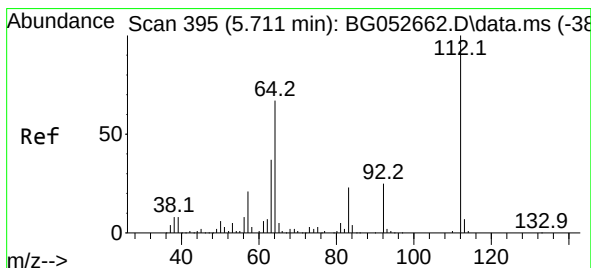
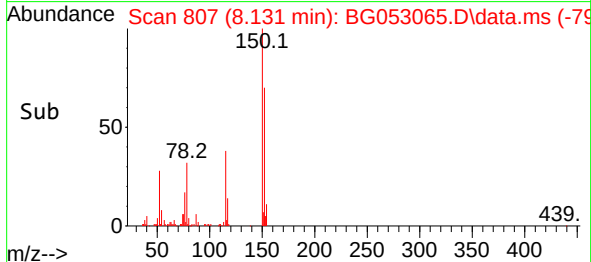
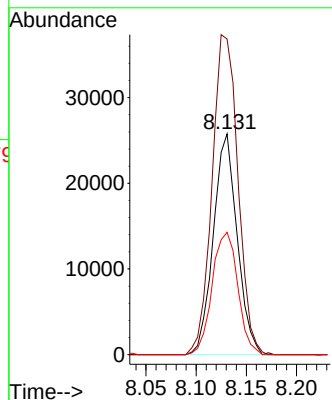
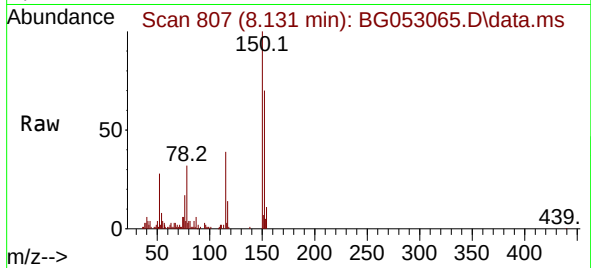




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.131 min Scan# 80
Delta R.T. 0.003 min
Lab File: BG053065.D
Acq: 6 Apr 2022 21:41

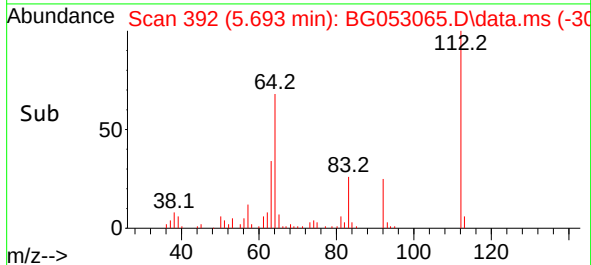
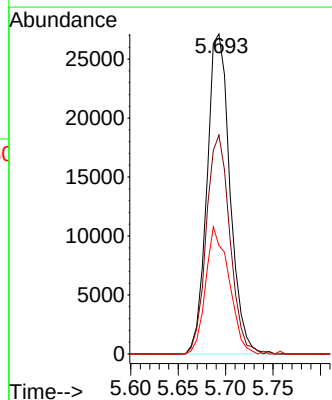
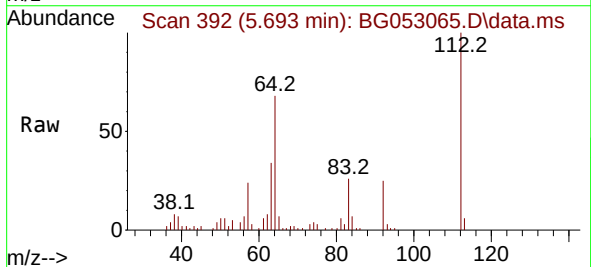
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-4-1

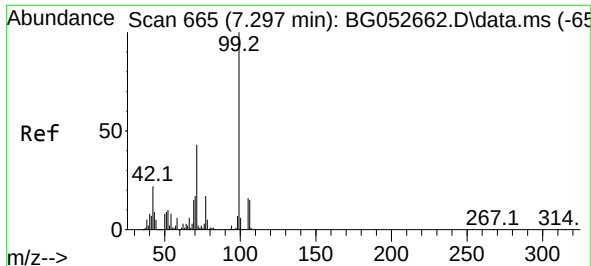
Tgt Ion:152 Resp: 42632
Ion Ratio Lower Upper
152 100
150 143.0 114.6 172.0
115 55.4 45.9 68.9



#5
2-Fluorophenol
Concen: 18.689 ng
RT: 5.693 min Scan# 392
Delta R.T. 0.009 min
Lab File: BG053065.D
Acq: 6 Apr 2022 21:41

Tgt Ion:112 Resp: 45751
Ion Ratio Lower Upper
112 100
64 68.4 48.0 72.0
63 33.9 26.5 39.7

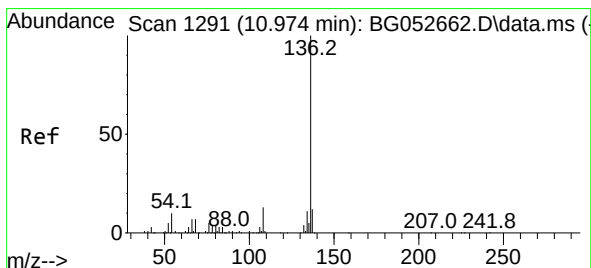
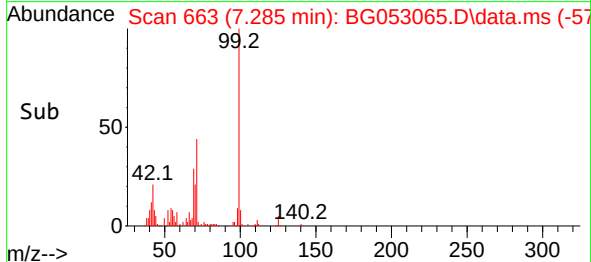
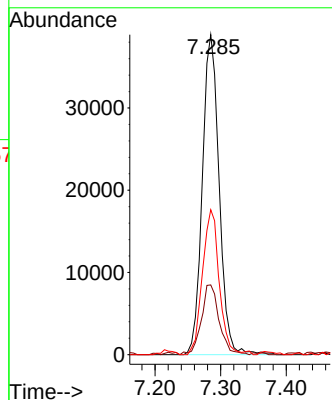
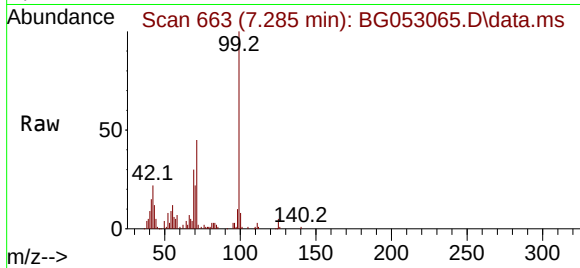




#7
Phenol-d6
Concen: 18.817 ng
RT: 7.285 min Scan# 60
Delta R.T. 0.003 min
Lab File: BG053065.D
Acq: 6 Apr 2022 21:41

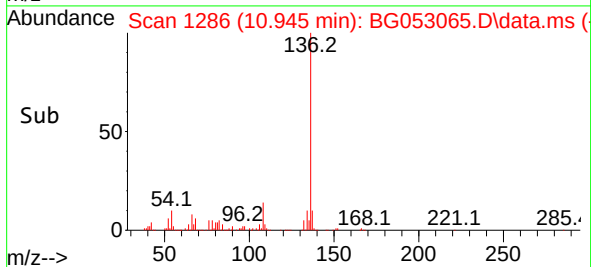
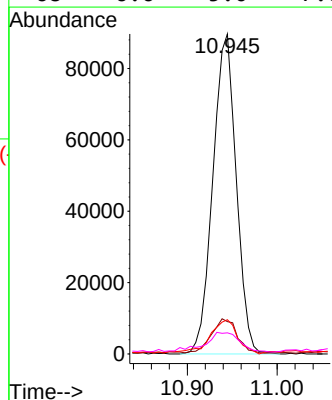
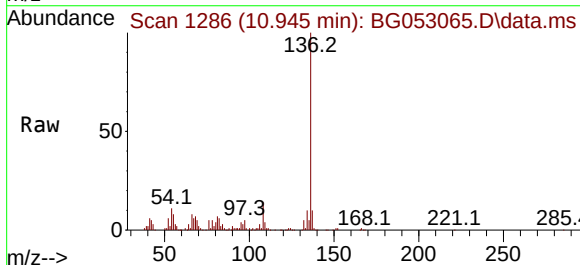
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-4-1

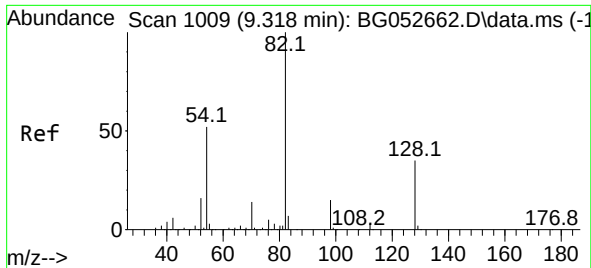
Tgt Ion: 99 Resp: 69445
Ion Ratio Lower Upper
99 100
42 21.8 14.7 22.1
71 45.3 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.945 min Scan# 1286
Delta R.T. 0.003 min
Lab File: BG053065.D
Acq: 6 Apr 2022 21:41

Tgt Ion: 136 Resp: 162117
Ion Ratio Lower Upper
136 100
137 10.1 9.4 14.2
54 10.7 6.4 9.6#
68 6.6 5.0 7.6





#23

Nitrobenzene-d5

Concen: 15.345 ng

RT: 9.288 min Scan# 1004

Delta R.T. -0.003 min

Lab File: BG053065.D

Acq: 6 Apr 2022 21:41

Instrument :

BNA_G

ClientSampleId :

WC-14A-1A-4-1

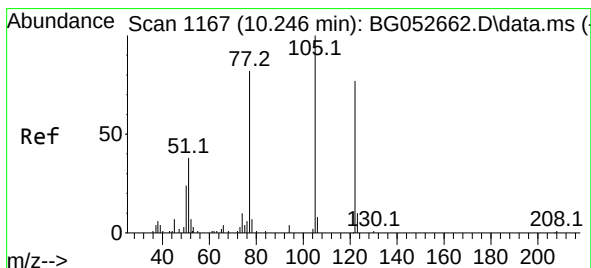
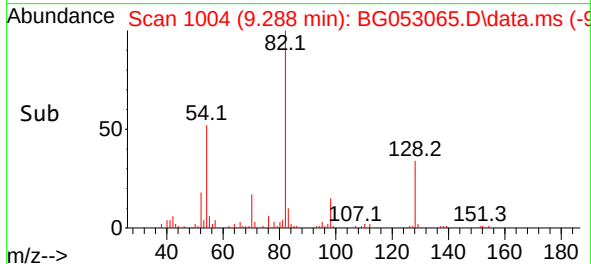
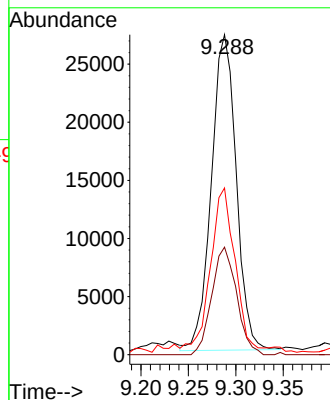
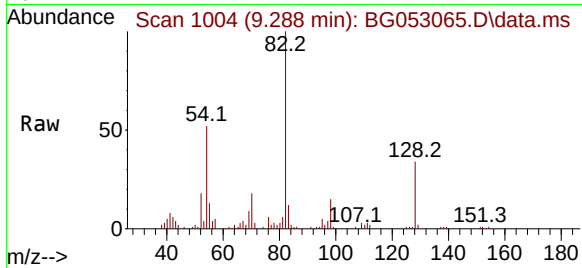
Tgt Ion: 82 Resp: 49566

Ion Ratio Lower Upper

82 100

128 33.6 31.3 46.9

54 52.1 37.8 56.8



#32

Benzoic acid

Concen: 5.813 ng

RT: 10.251 min Scan# 1168

Delta R.T. 0.015 min

Lab File: BG053065.D

Acq: 6 Apr 2022 21:41

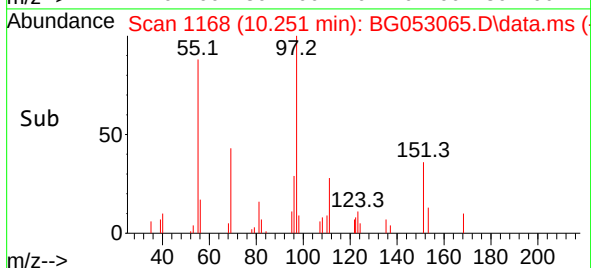
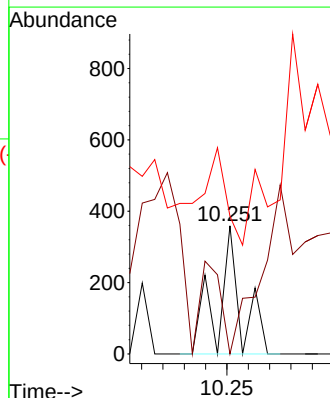
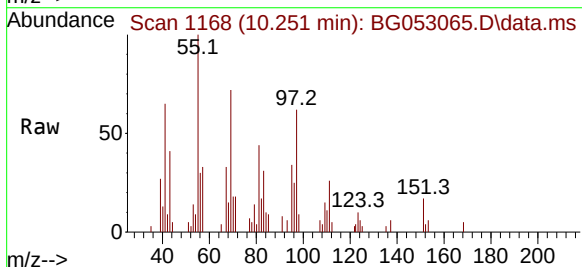
Tgt Ion: 122 Resp: 270

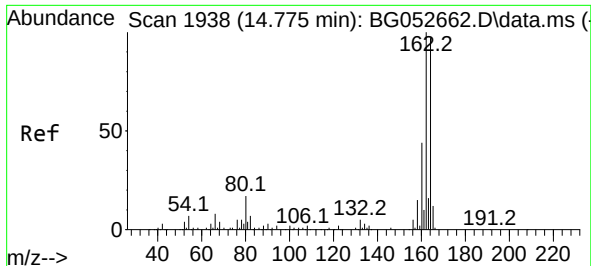
Ion Ratio Lower Upper

122 100

105 0.0 112.8 152.8#

77 107.5 78.4 118.4

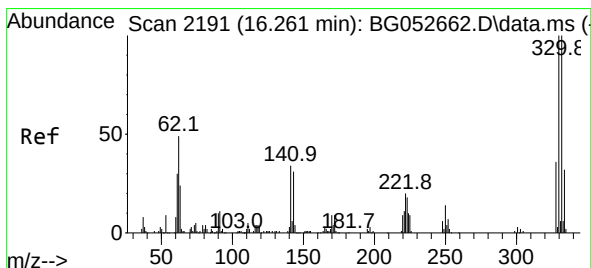
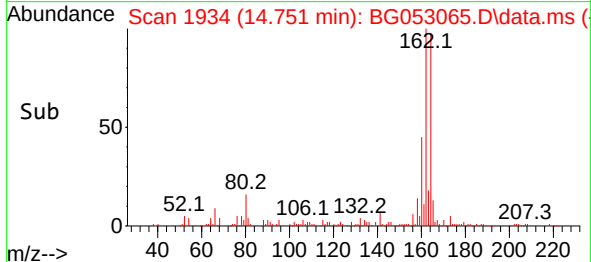
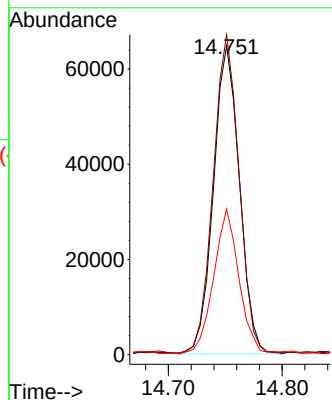
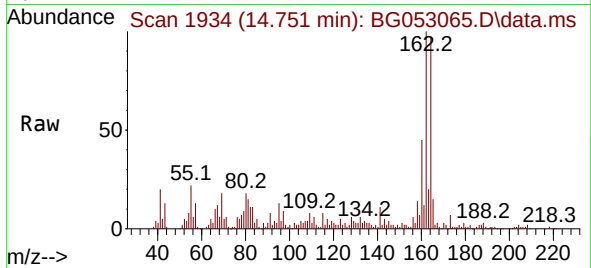




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.751 min Scan# 1934
Delta R.T. 0.003 min
Lab File: BG053065.D
Acq: 6 Apr 2022 21:41

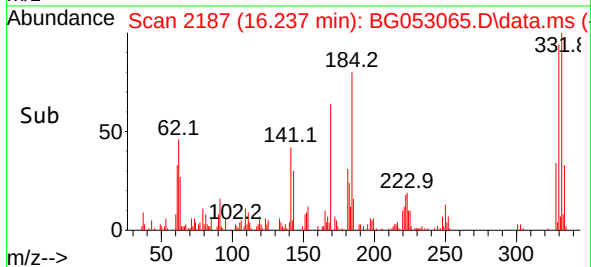
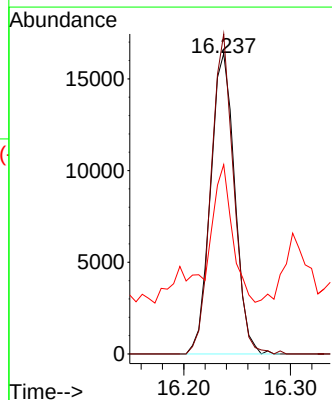
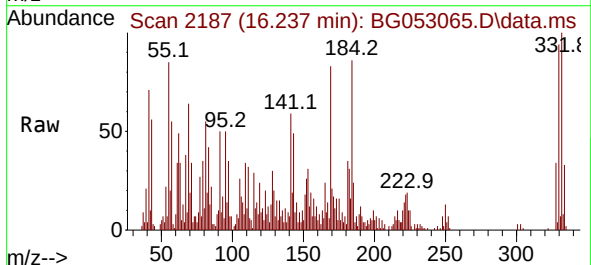
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-4-1

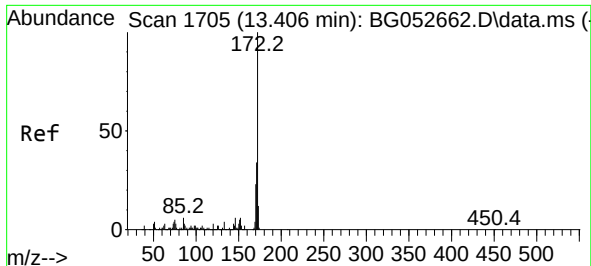
Tgt Ion:164 Resp: 102815
Ion Ratio Lower Upper
164 100
162 103.6 80.0 120.0
160 47.1 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 18.683 ng
RT: 16.237 min Scan# 2187
Delta R.T. 0.003 min
Lab File: BG053065.D
Acq: 6 Apr 2022 21:41

Tgt Ion:330 Resp: 25812
Ion Ratio Lower Upper
330 100
332 99.9 75.8 113.6
141 39.5 24.6 36.8#

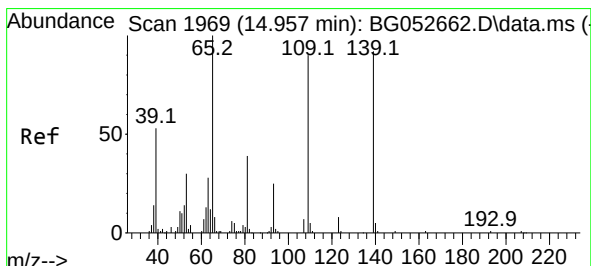
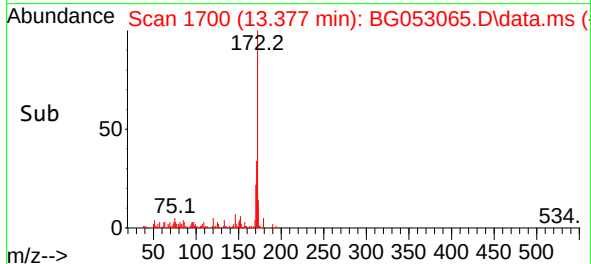
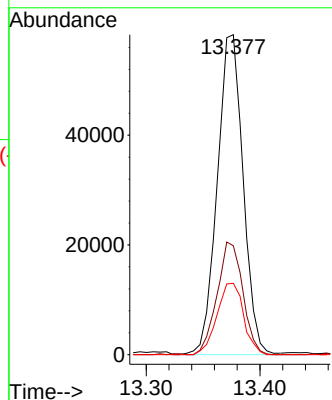
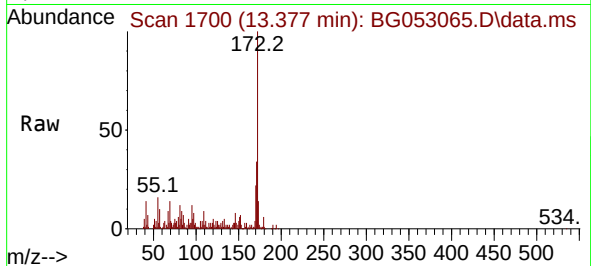




#45
2-Fluorobiphenyl
Concen: 13.220 ng
RT: 13.377 min Scan# 1
Delta R.T. 0.003 min
Lab File: BG053065.D
Acq: 6 Apr 2022 21:41

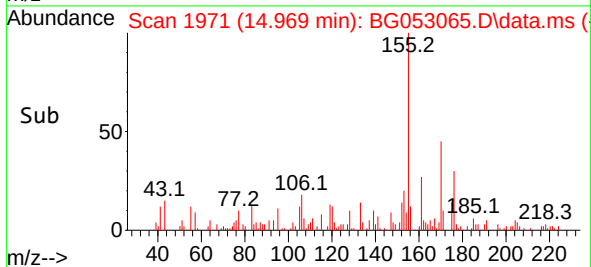
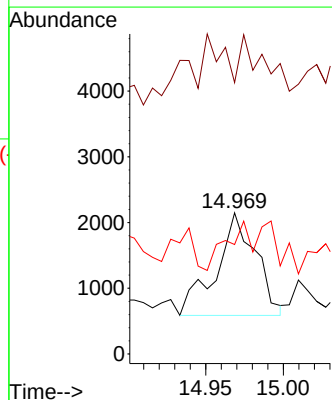
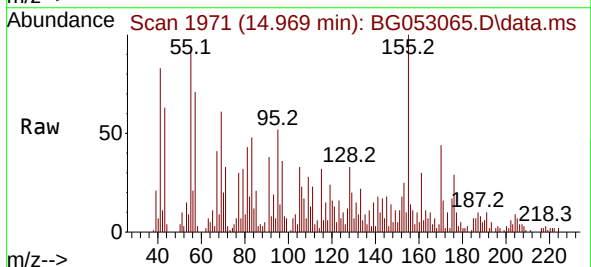
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BNA_G
ClientSampleId :
WC-14A-1A-4-1

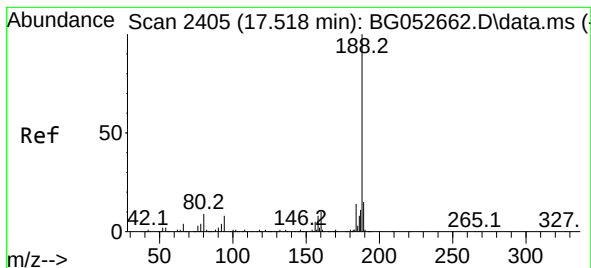
Tgt Ion:172 Resp: 92158
Ion Ratio Lower Upper
172 100
171 34.0 28.3 42.5
170 22.3 18.0 27.0



#56
4-Nitrophenol
Concen: 2.244 ng
RT: 14.969 min Scan# 1971
Delta R.T. 0.026 min
Lab File: BG053065.D
Acq: 6 Apr 2022 21:41

Tgt Ion:139 Resp: 2764
Ion Ratio Lower Upper
139 100
109 192.3 67.1 107.1#
65 77.5 88.2 128.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.495 min Scan# 2405

Delta R.T. 0.003 min

Lab File: BG053065.D

Acq: 6 Apr 2022 21:41

Instrument :

BNA_G

ClientSampleId :

WC-14A-1A-4-1

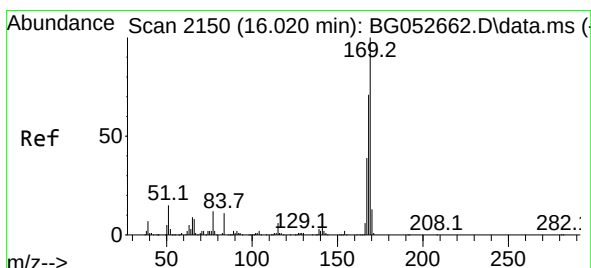
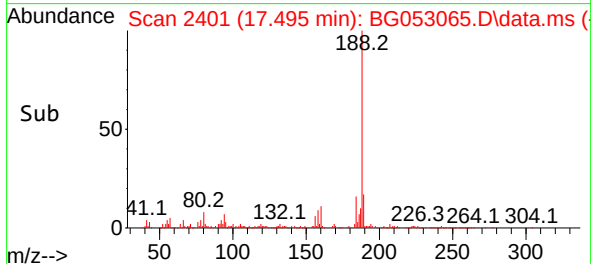
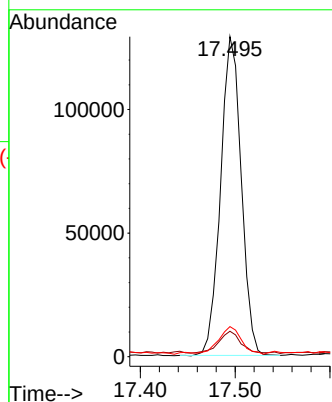
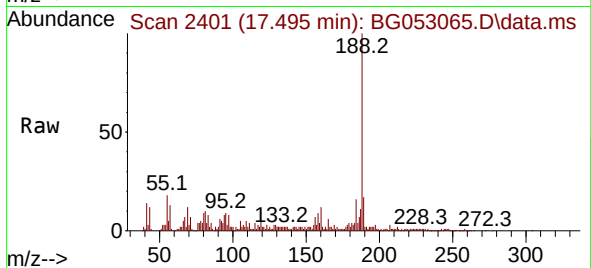
Tgt Ion:188 Resp: 195370

Ion Ratio Lower Upper

188 100

94 7.9 5.7 8.5

80 9.4 7.2 10.8



#66

n-Nitrosodiphenylamine

Concen: 3.249 ng

RT: 15.903 min Scan# 2130

Delta R.T. -0.091 min

Lab File: BG053065.D

Acq: 6 Apr 2022 21:41

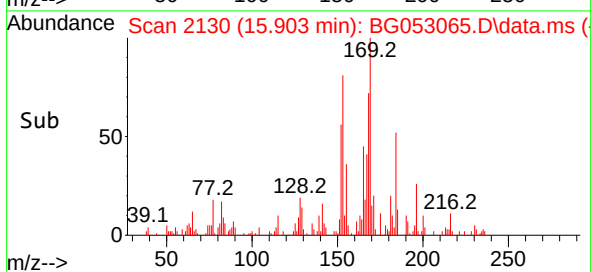
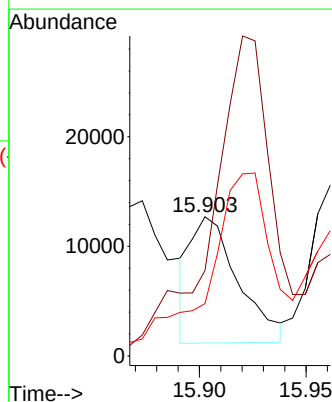
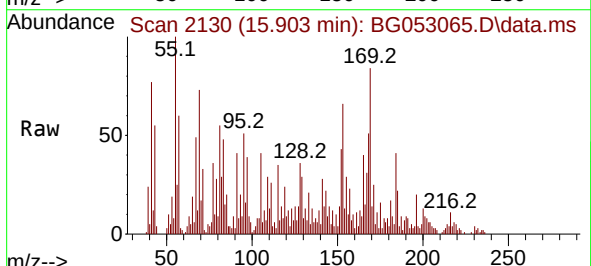
Tgt Ion:169 Resp: 17870

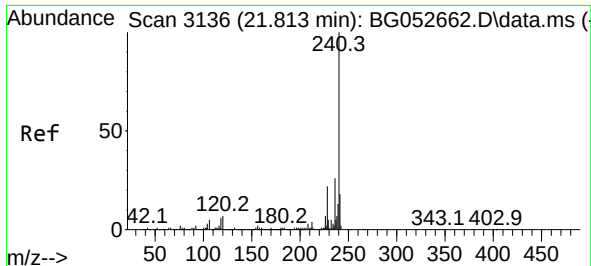
Ion Ratio Lower Upper

169 100

168 61.3 54.5 81.7

167 37.6 29.6 44.4

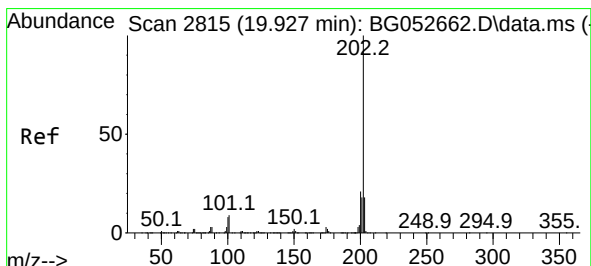
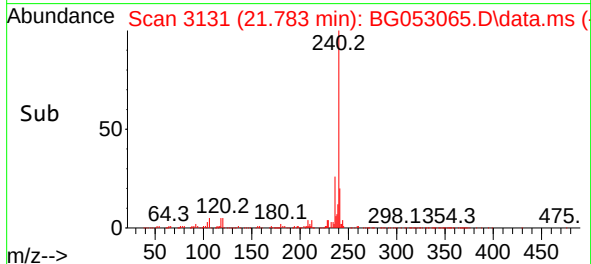
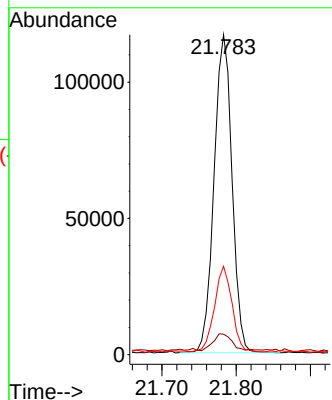
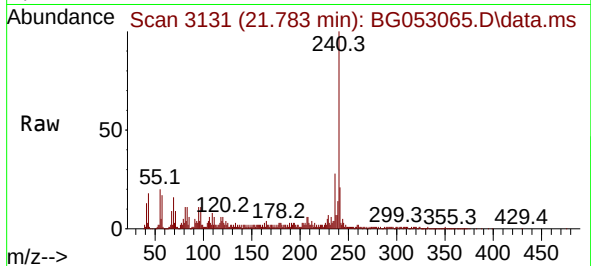




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.783 min Scan# 3136
Delta R.T. 0.003 min
Lab File: BG053065.D
Acq: 6 Apr 2022 21:41

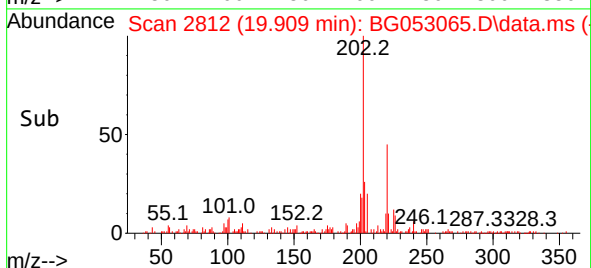
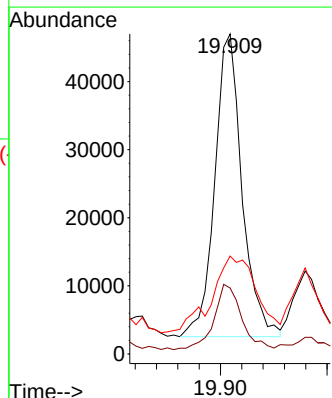
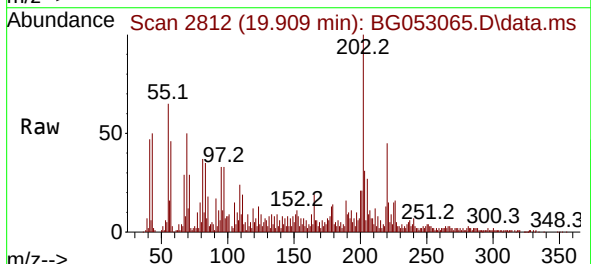
Instrument :
BNA_G
ClientSampleId :
WC-14A-1A-4-1

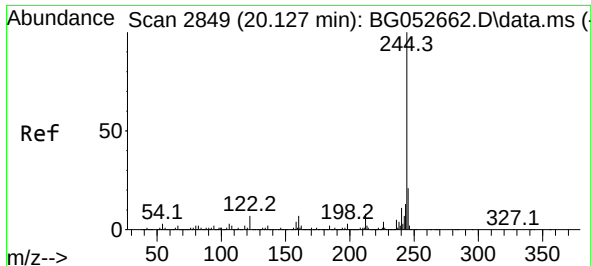
Tgt Ion:240 Resp: 196356
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 27.7 19.8 29.6



#78
Pyrene
Concen: 5.802 ng
RT: 19.909 min Scan# 2812
Delta R.T. 0.009 min
Lab File: BG053065.D
Acq: 6 Apr 2022 21:41

Tgt Ion:202 Resp: 79022
Ion Ratio Lower Upper
202 100
200 20.6 17.0 25.6
203 30.6 15.0 22.6#

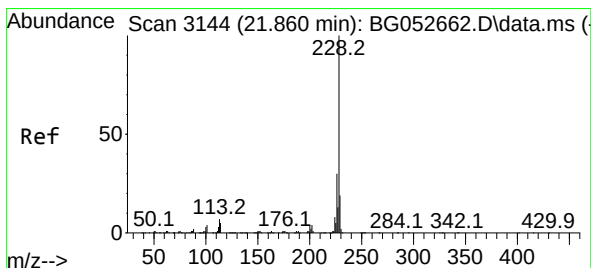
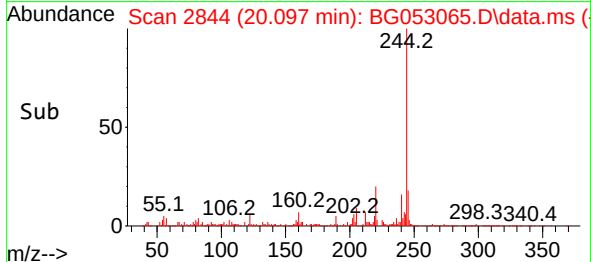
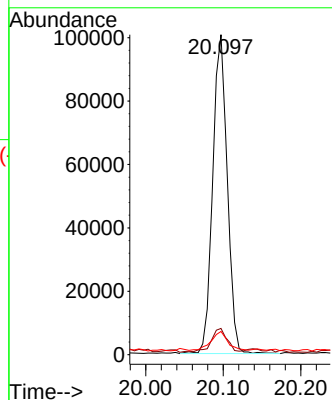
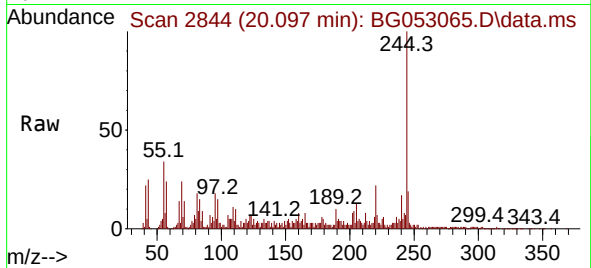




#79
 Terphenyl-d14
 Concen: 11.873 ng
 RT: 20.097 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: BG053065.D
 Acq: 6 Apr 2022 21:41

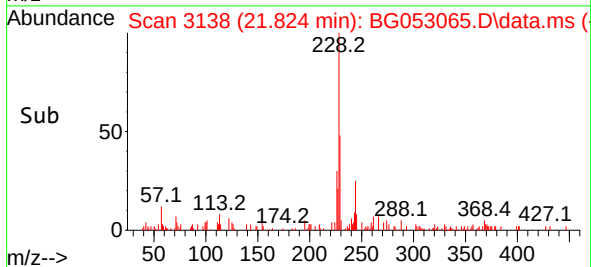
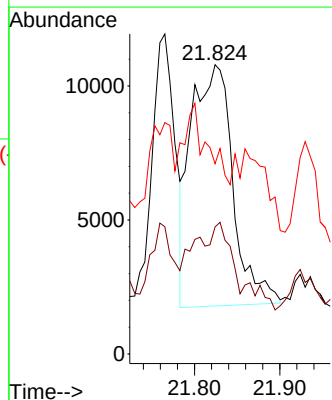
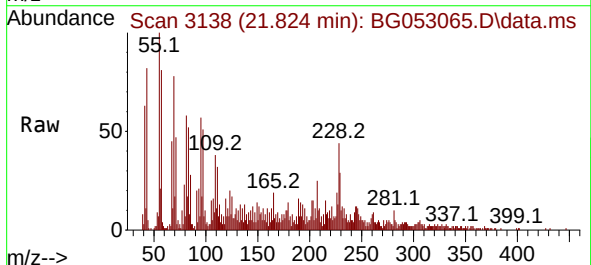
Instrument :
 BNA_G
 ClientSampleId :
 WC-14A-1A-4-1

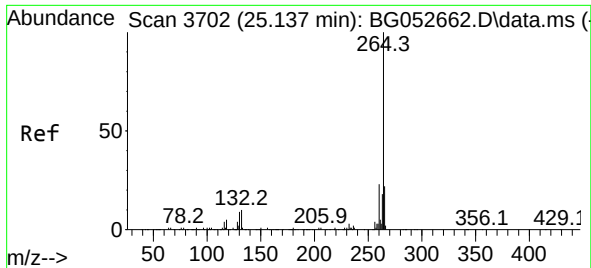
Tgt Ion:244 Resp: 131056
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.4 8.2#
 122 7.3 5.8 8.6



#83
 Chrysene
 Concen: 2.484 ng
 RT: 21.824 min Scan# 3138
 Delta R.T. -0.003 min
 Lab File: BG053065.D
 Acq: 6 Apr 2022 21:41

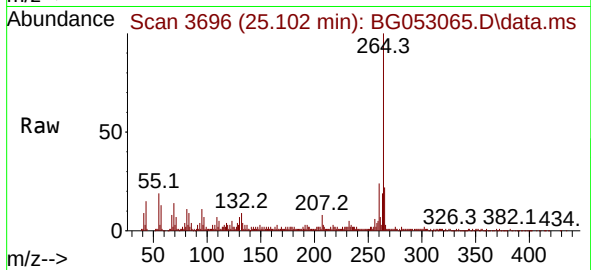
Tgt Ion:228 Resp: 30701
 Ion Ratio Lower Upper
 228 100
 226 43.9 24.2 36.4#
 229 65.8 16.3 24.5#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.102 min Scan# 30
 Delta R.T. 0.020 min
 Lab File: BG053065.D
 Acq: 6 Apr 2022 21:41

Instrument :
 BNA_G
 ClientSampleId :
 WC-14A-1A-4-1



Tgt Ion:264 Resp: 210834

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.2
265	22.1	15.1	22.7

