

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
 Data File : BG053206.D
 Acq On : 19 Apr 2022 21:50
 Operator : CG/JU
 Sample : N2468-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-6

Quant Time: Apr 20 05:43:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

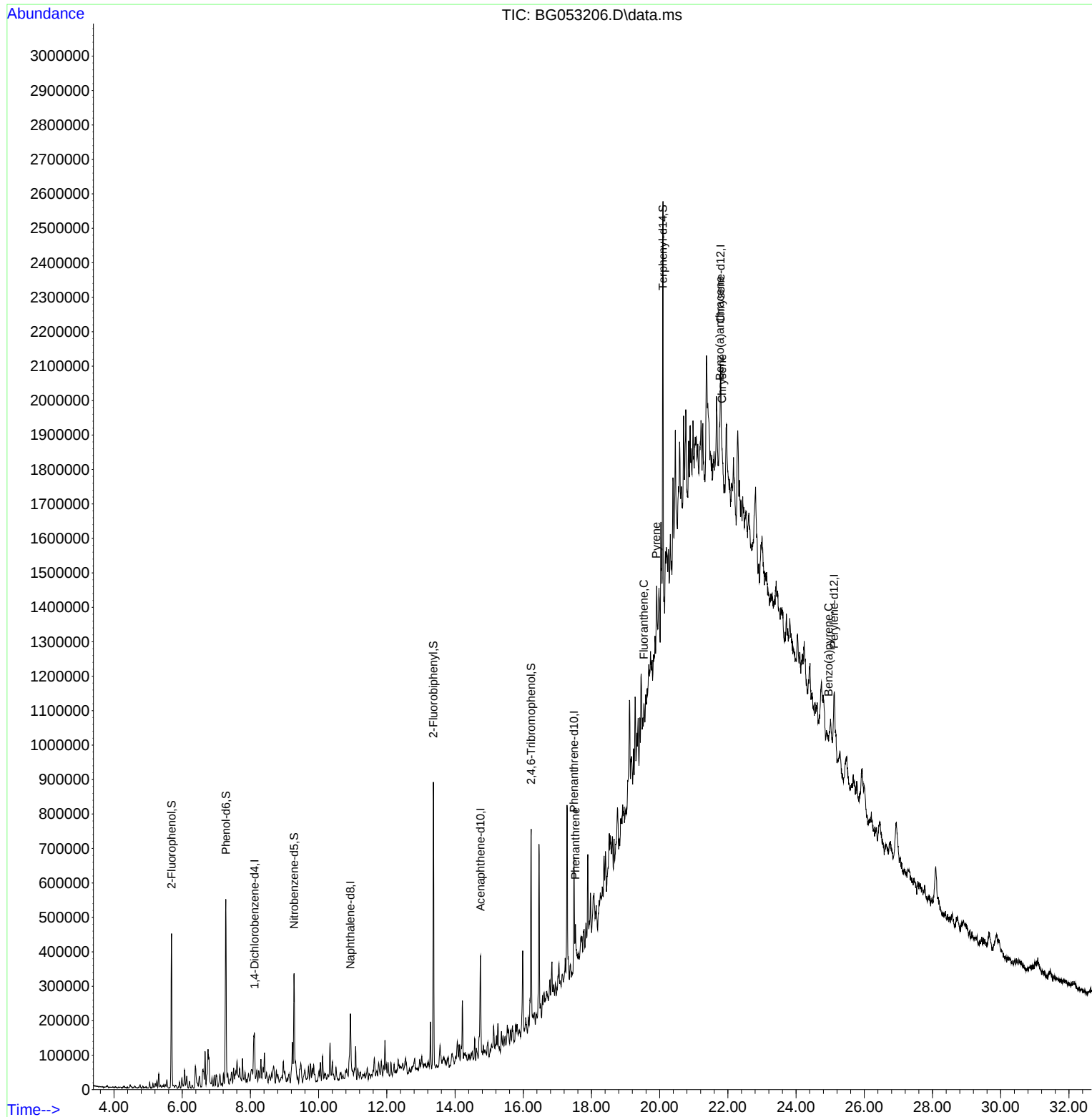
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.119	152	35508	20.000	ng	0.00
21) Naphthalene-d8	10.933	136	144201	20.000	ng	# 0.00
39) Acenaphthene-d10	14.745	164	99588	20.000	ng	0.00
64) Phenanthrene-d10	17.489	188	181987	20.000	ng	0.00
76) Chrysene-d12	21.783	240	174172	20.000	ng	# 0.00
86) Perylene-d12	25.114	264	180380	20.000	ng	# 0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	182232	87.974	ng	0.00
7) Phenol-d6	7.279	99	268466	84.044	ng	0.00
23) Nitrobenzene-d5	9.282	82	198144	55.792	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	117680	74.274	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	442121	61.216	ng	0.00
79) Terphenyl-d14	20.097	244	581277	56.365	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.530	178	63913	6.430	ng	97
75) Fluoranthene	19.539	202	39135	3.071	ng	83
78) Pyrene	19.903	202	61058	4.922	ng	# 89
81) Benzo(a)anthracene	21.765	228	36151	3.036	ng	# 56
83) Chrysene	21.830	228	54753	4.954	ng	# 75
90) Benzo(a)pyrene	24.955	252	21610	2.229	ng	# 1

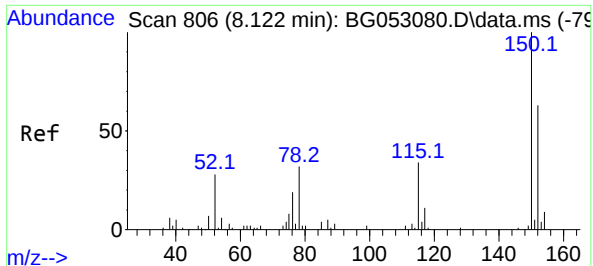
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : BG053206.D
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Sample : N2468-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 08 15:31:24 2022
Response via : Initial Calibration

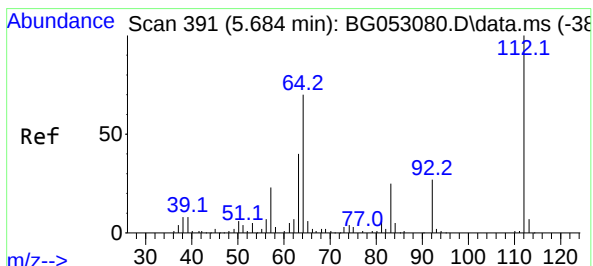
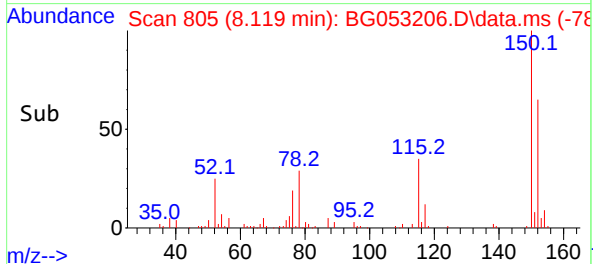
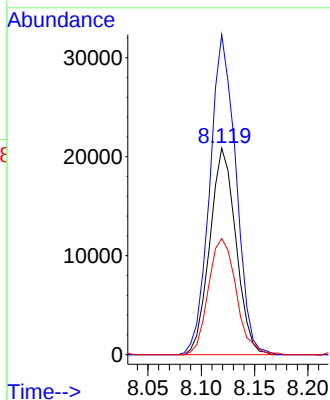
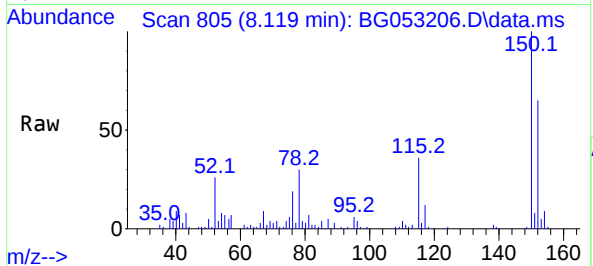




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.119 min Scan# 806
Delta R.T. -0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

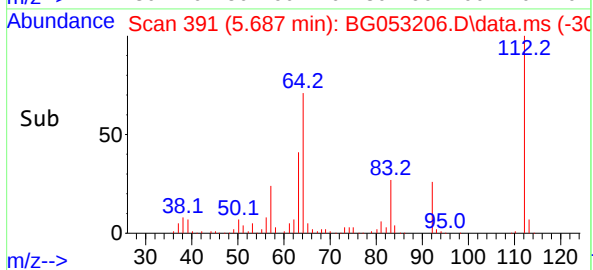
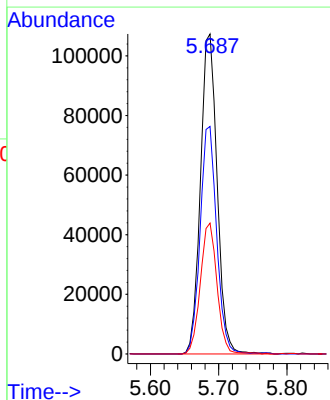
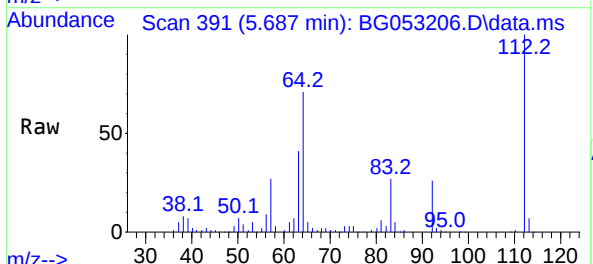
Instrument :
BNA_G
ClientSampleId :
WC-15-1-6

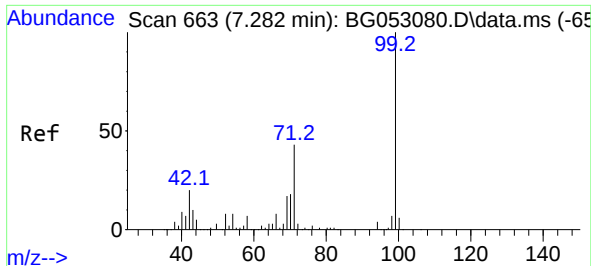
Tgt Ion:152 Resp: 35508
Ion Ratio Lower Upper
152 100
150 154.9 114.6 172.0
115 56.2 45.9 68.9



#5
2-Fluorophenol
Concen: 87.974 ng
RT: 5.687 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

Tgt Ion:112 Resp: 182232
Ion Ratio Lower Upper
112 100
64 71.1 48.0 72.0
63 40.9 26.5 39.7#

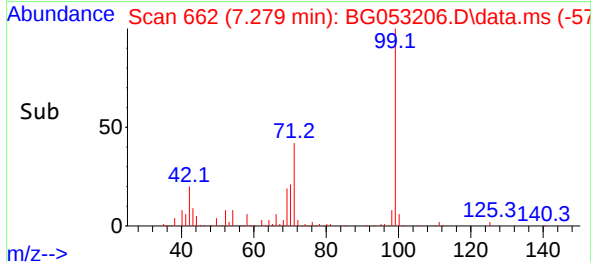
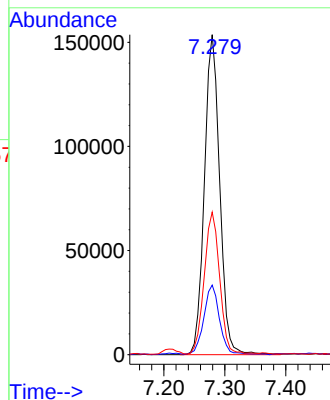
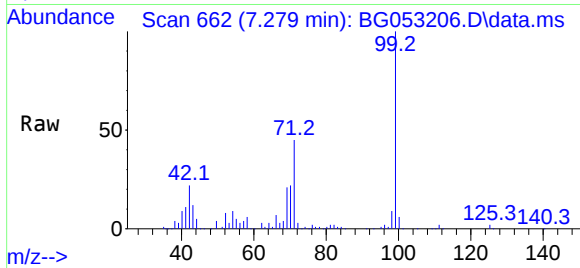




#7
Phenol-d6
Concen: 84.044 ng
RT: 7.279 min Scan# 60
Delta R.T. -0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

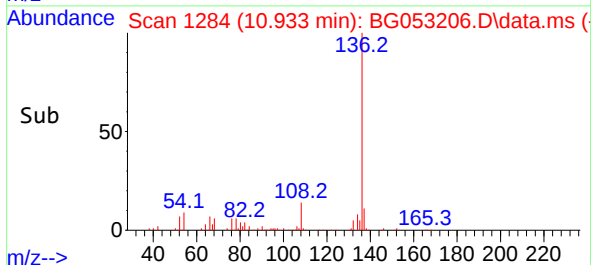
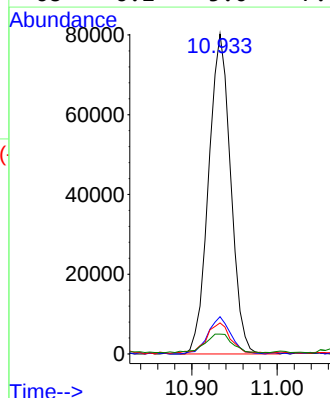
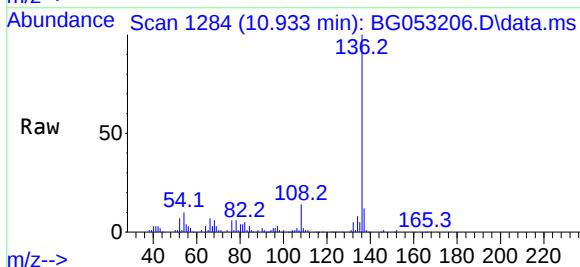
Instrument :
BNA_G
ClientSampleId :
WC-15-1-6

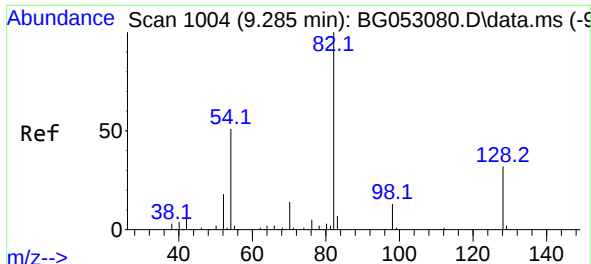
Tgt Ion: 99 Resp: 268466
Ion Ratio Lower Upper
99 100
42 21.8 14.7 22.1
71 44.6 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.933 min Scan# 1284
Delta R.T. -0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

Tgt Ion: 136 Resp: 144201
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.2
54 9.7 6.4 9.6#
68 6.2 5.0 7.6

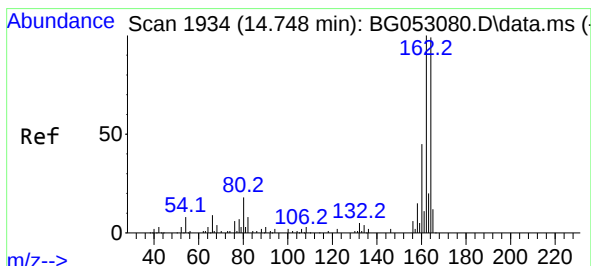
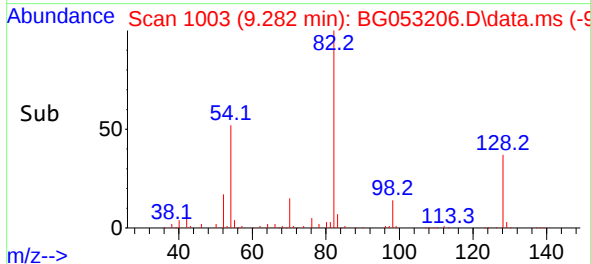
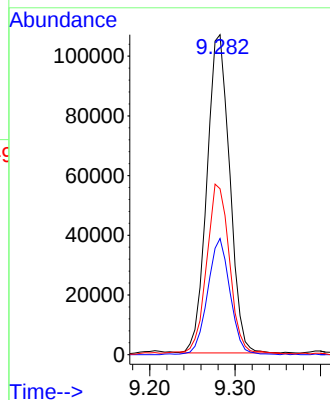
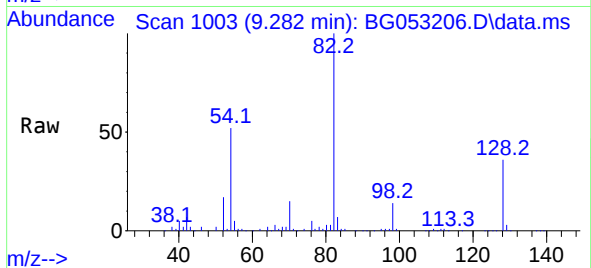




#23
Nitrobenzene-d5
Concen: 55.792 ng
RT: 9.282 min Scan# 1003
Delta R.T. -0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

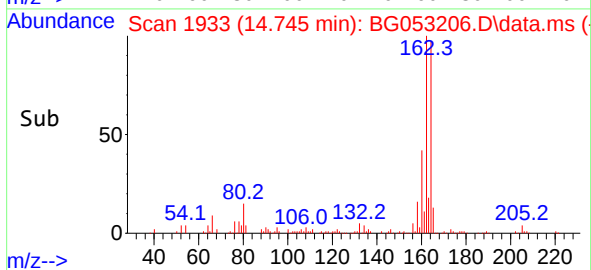
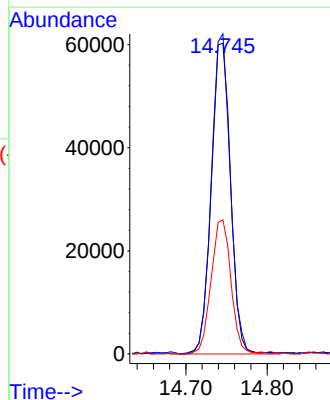
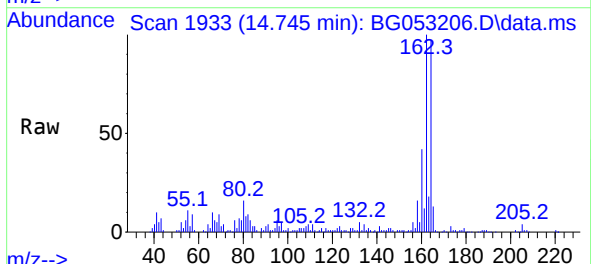
Instrument :
BNA_G
ClientSampleId :
WC-15-1-6

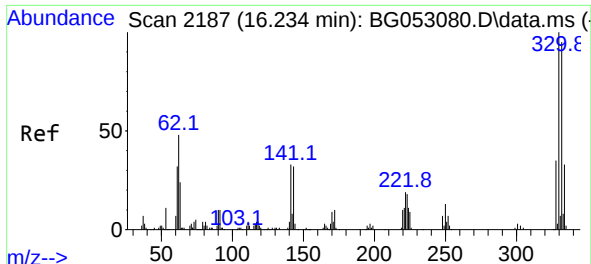
Tgt Ion: 82 Resp: 198144
Ion Ratio Lower Upper
82 100
128 36.3 31.3 46.9
54 51.8 37.8 56.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1933
Delta R.T. -0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

Tgt Ion:164 Resp: 99588
Ion Ratio Lower Upper
164 100
162 103.0 80.0 120.0
160 43.1 38.8 58.2

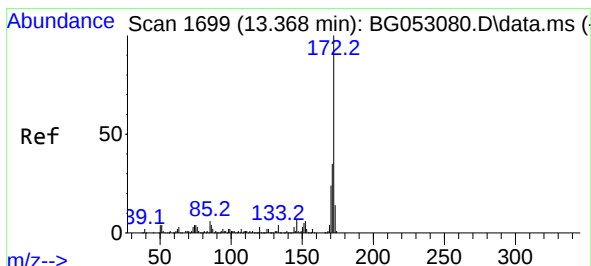
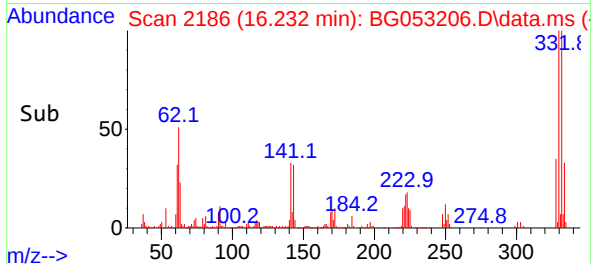
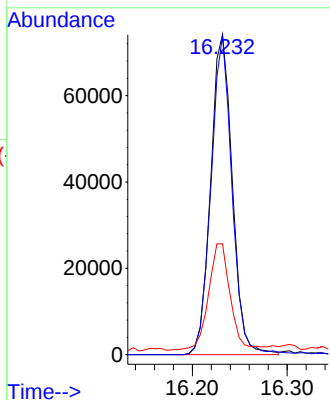
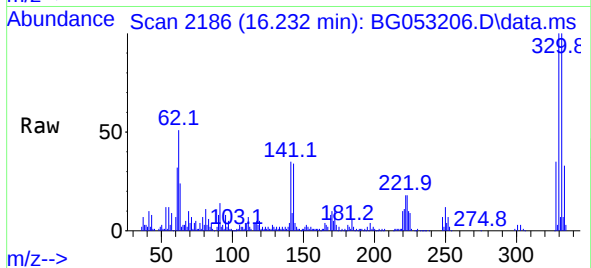




#42
2,4,6-Tribromophenol
Concen: 74.274 ng
RT: 16.232 min Scan# 2187
Delta R.T. -0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

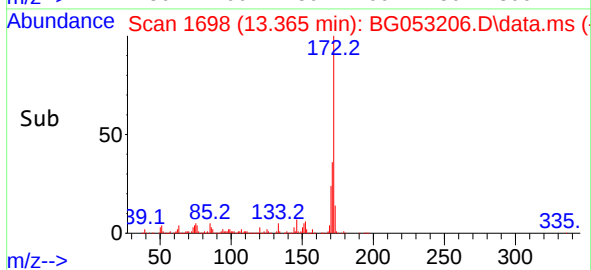
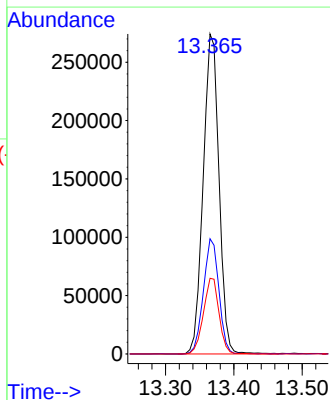
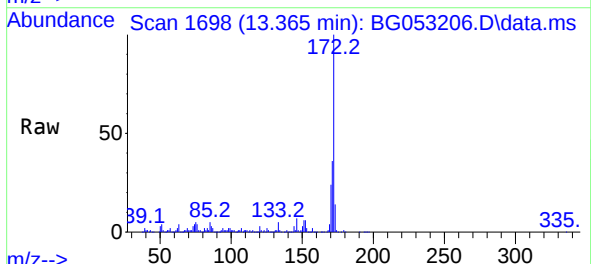
Instrument :
BNA_G
ClientSampleId :
WC-15-1-6

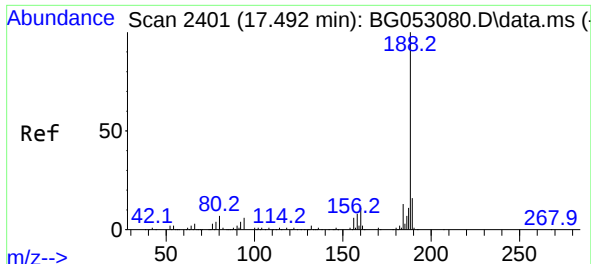
Tgt Ion:330 Resp: 117680
Ion Ratio Lower Upper
330 100
332 96.6 75.8 113.6
141 34.2 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 61.216 ng
RT: 13.365 min Scan# 1698
Delta R.T. -0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

Tgt Ion:172 Resp: 442121
Ion Ratio Lower Upper
172 100
171 36.0 28.3 42.5
170 23.7 18.0 27.0

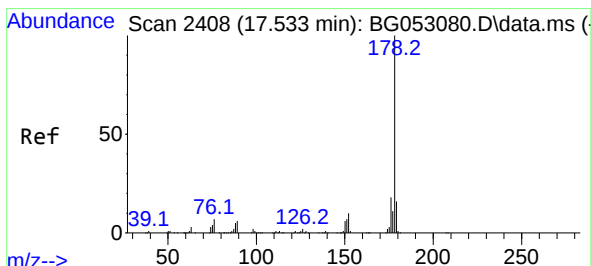
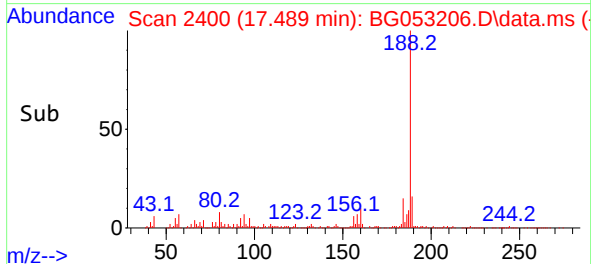
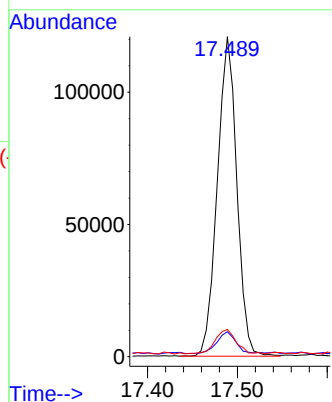
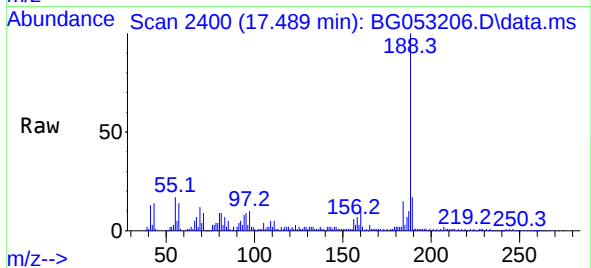




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.489 min Scan# 2401
Delta R.T. -0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

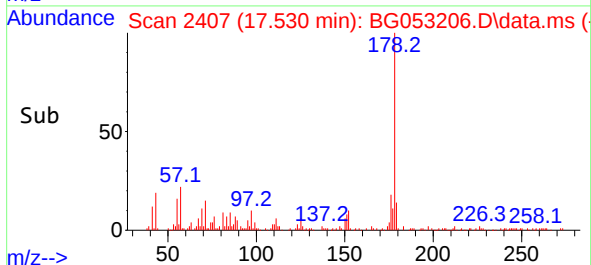
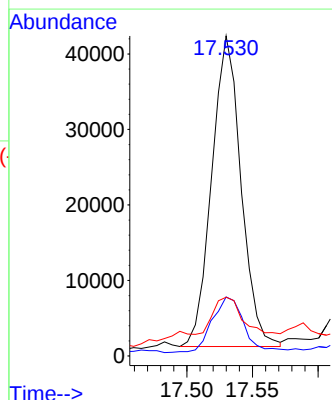
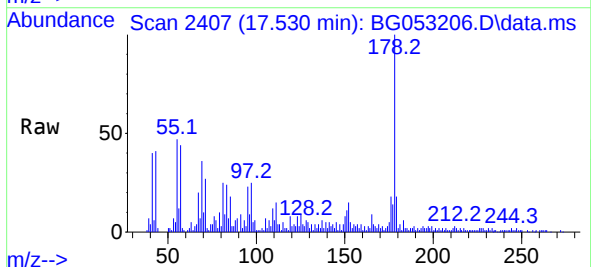
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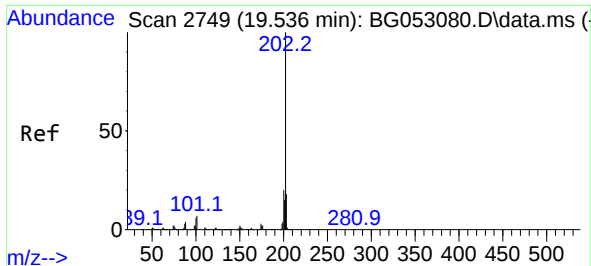
Tgt Ion:188 Resp: 181987
Ion Ratio Lower Upper
188 100
94 7.8 5.7 8.5
80 8.5 7.2 10.8



#71
Phenanthrene
Concen: 6.430 ng
RT: 17.530 min Scan# 2407
Delta R.T. -0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

Tgt Ion:178 Resp: 63913
Ion Ratio Lower Upper
178 100
176 18.5 15.9 23.9
179 18.4 13.4 20.2

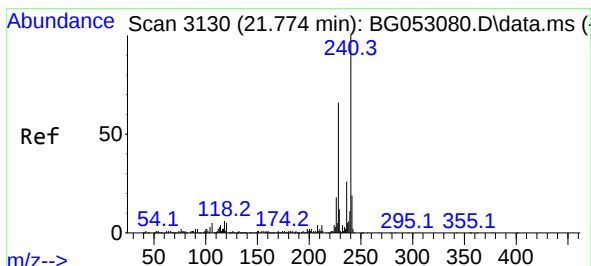
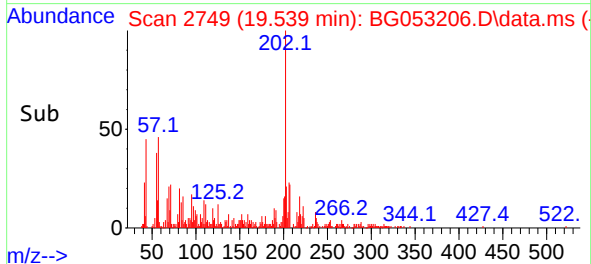
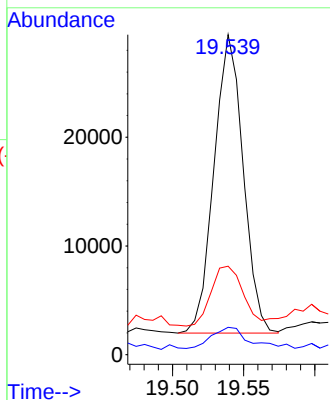
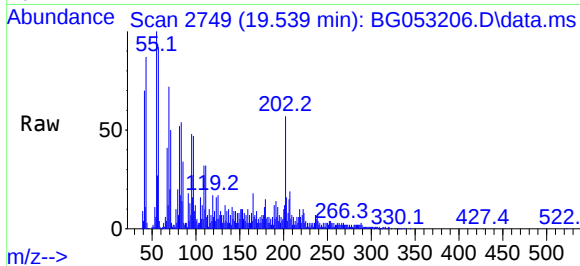




#75
Fluoranthene
Concen: 3.071 ng
RT: 19.539 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

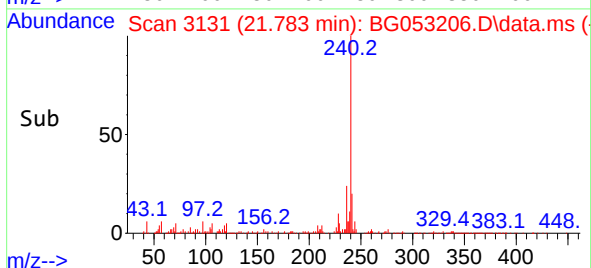
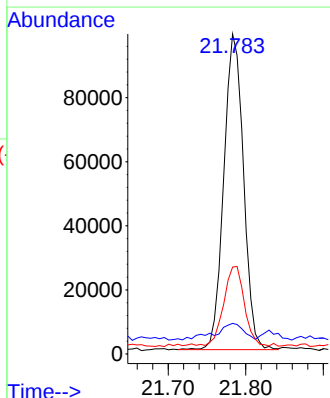
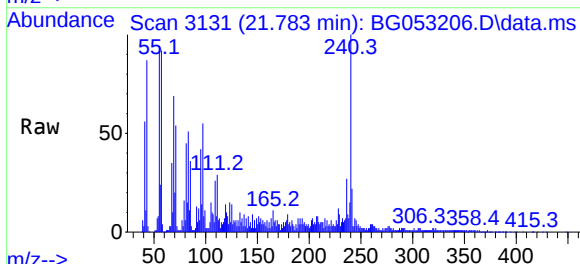
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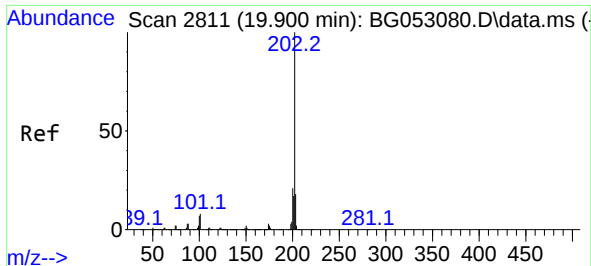
Tgt Ion:	202	Resp:	39135
Ion Ratio	Lower	Upper	
202	100		
101	8.5	0.0	27.3
203	27.6	0.0	37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.783 min Scan# 3131
Delta R.T. 0.009 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

Tgt Ion:	240	Resp:	174172
Ion Ratio	Lower	Upper	
240	100		
120	9.6	5.4	8.0#
236	27.2	19.8	29.6

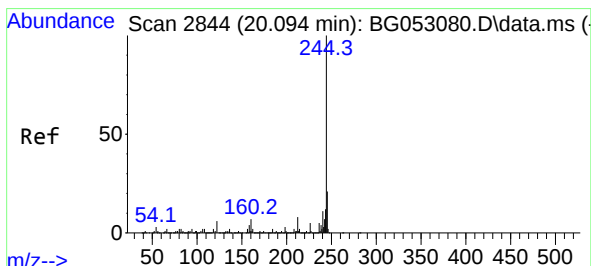
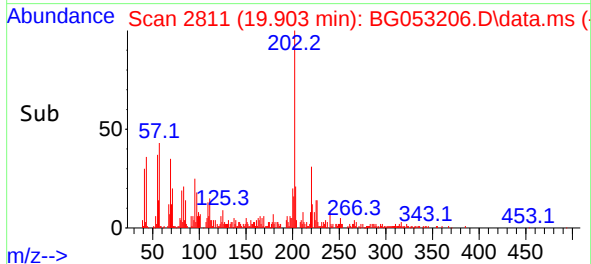
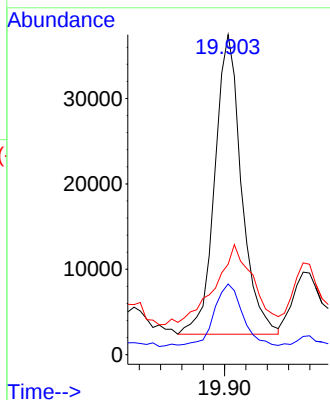
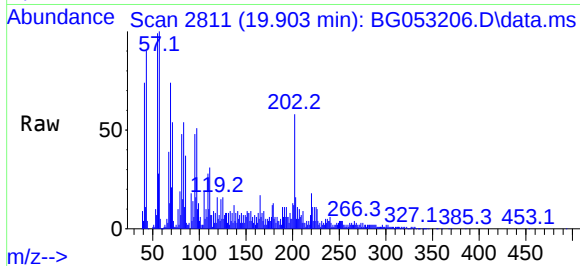




#78
Pyrene
Concen: 4.922 ng
RT: 19.903 min Scan# 2811
Delta R.T. 0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

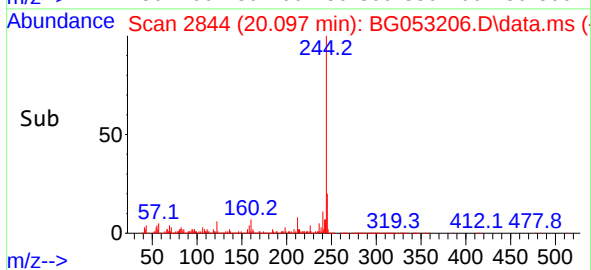
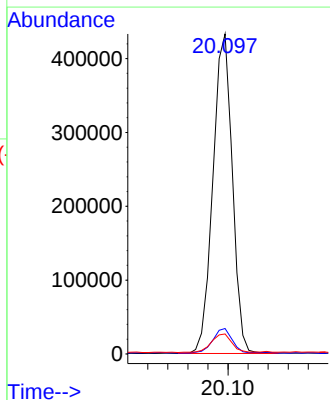
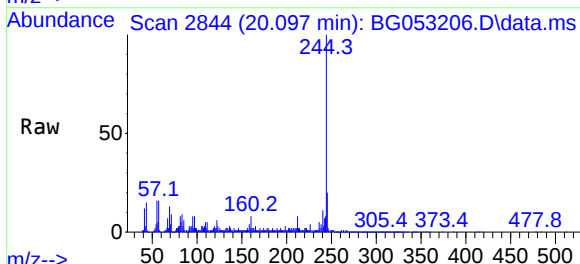
Instrument :
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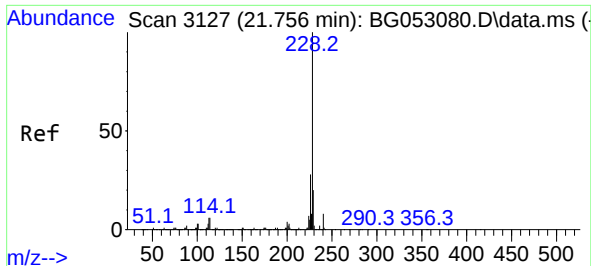
Tgt Ion:	202	Resp:	61058
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.0	25.6
203	28.3	15.0	22.6



#79
Terphenyl-d14
Concen: 56.365 ng
RT: 20.097 min Scan# 2844
Delta R.T. 0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

Tgt Ion:	244	Resp:	581277
Ion Ratio	Lower	Upper	
244	100		
212	7.9	5.4	8.2
122	6.3	5.8	8.6

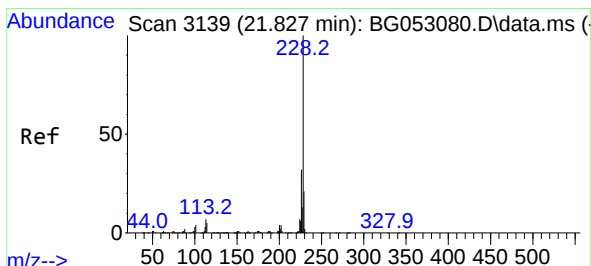
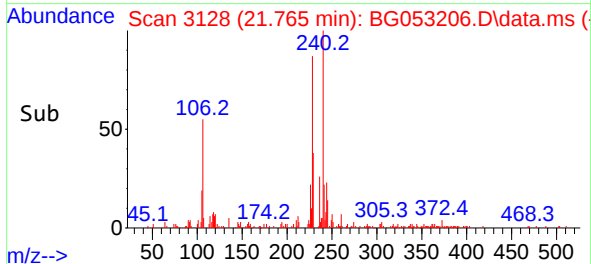
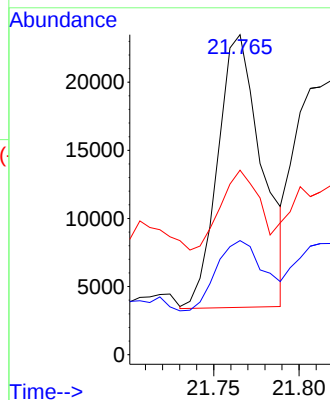
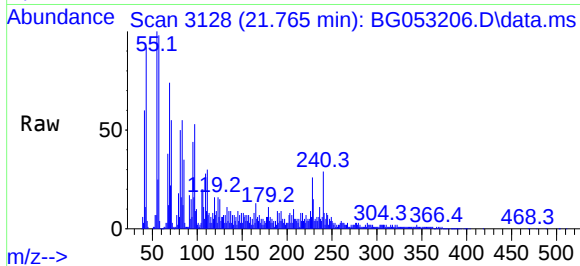




#81
Benzo(a)anthracene
Concen: 3.036 ng
RT: 21.765 min Scan# 3127
Delta R.T. 0.009 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

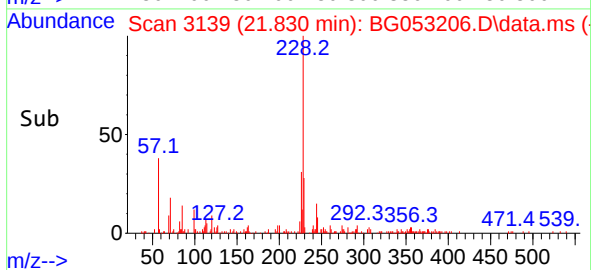
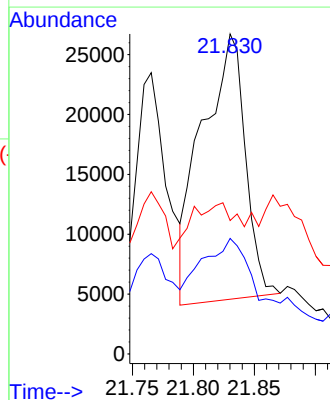
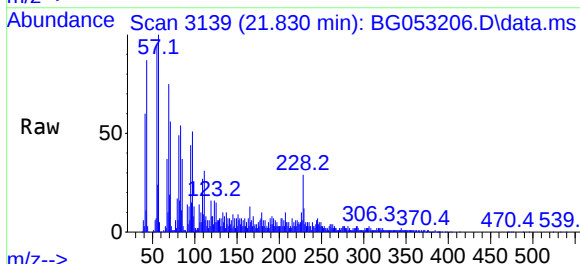
Instrument :
BNA_G
ClientSampleId :
WC-15-1-6

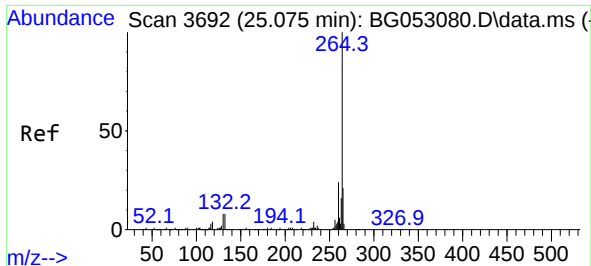
Tgt Ion:228 Resp: 36151
Ion Ratio Lower Upper
228 100
226 35.7 21.4 32.0#
229 57.7 16.7 25.1#



#83
Chrysene
Concen: 4.954 ng
RT: 21.830 min Scan# 3139
Delta R.T. 0.003 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

Tgt Ion:228 Resp: 54753
Ion Ratio Lower Upper
228 100
226 36.1 24.2 36.4
229 41.7 16.3 24.5#

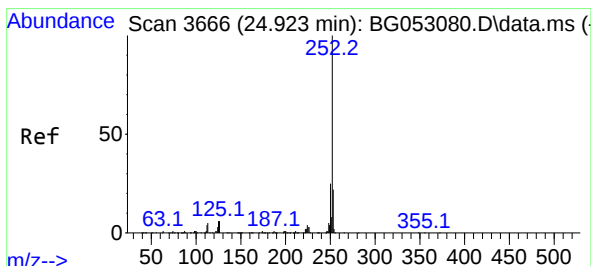
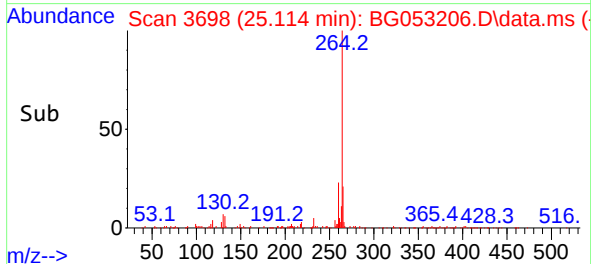
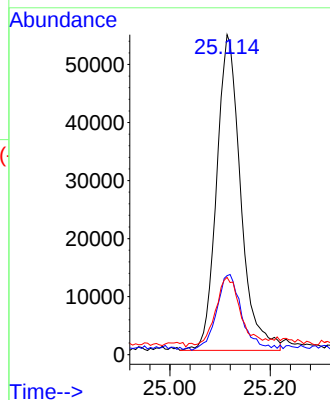
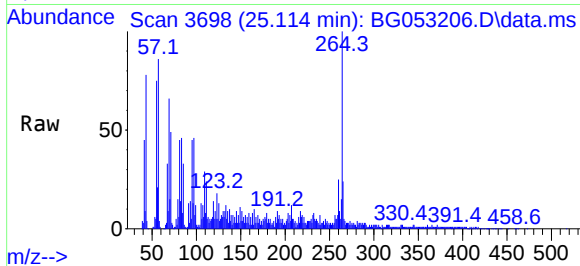




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.114 min Scan# 30
Delta R.T. 0.038 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

Instrument :
BNA_G
ClientSampleId :
WC-15-1-6

Tgt Ion:264 Resp: 180380
Ion Ratio Lower Upper
264 100
260 24.7 18.2 27.2
265 24.1 15.1 22.7#



#90
Benzo(a)pyrene
Concen: 2.229 ng
RT: 24.955 min Scan# 3671
Delta R.T. 0.033 min
Lab File: BG053206.D
Acq: 19 Apr 2022 21:50

Tgt Ion:252 Resp: 21610
Ion Ratio Lower Upper
252 100
253 48.0 18.4 27.6#
125 96.8 5.6 8.4#

