

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032422\
 Data File : BG052819.D
 Acq On : 24 Mar 2022 21:36
 Operator : CG/JU
 Sample : N2090-14
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-58

Quant Time: Mar 25 03:20:18 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 24 16:48:57 2022
 Response via : Initial Calibration

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

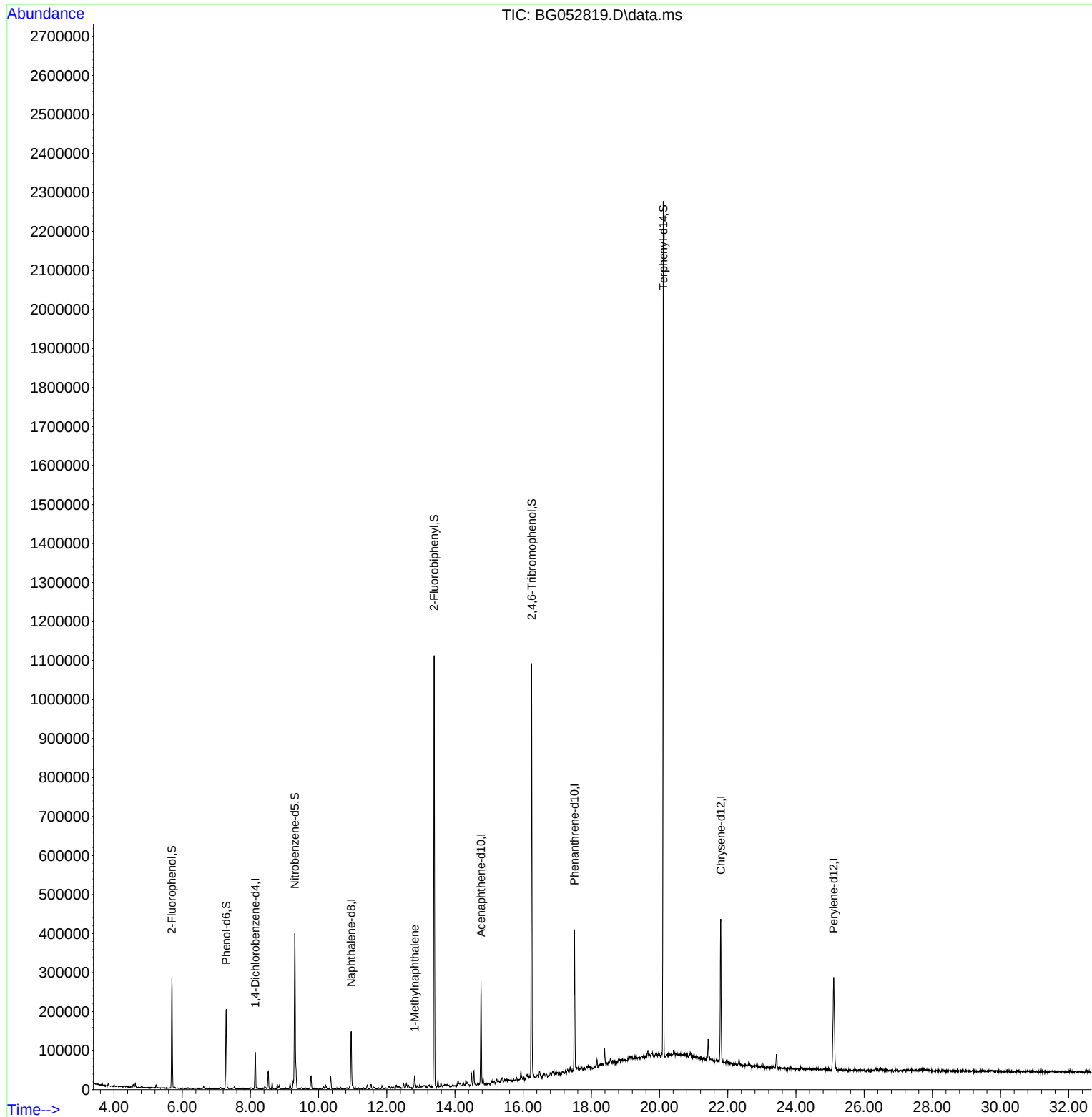
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.142	152	24938	20.000	ng	0.00
21) Naphthalene-d8	10.956	136	115482	20.000	ng	0.00
39) Acenaphthene-d10	14.762	164	89941	20.000	ng	0.00
64) Phenanthrene-d10	17.506	188	223803	20.000	ng	0.00
76) Chrysene-d12	21.794	240	239618	20.000	ng	0.00
86) Perylene-d12	25.107	264	261099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.698	112	114066	79.656	ng	0.00
7) Phenol-d6	7.290	99	114043	52.826	ng	0.00
23) Nitrobenzene-d5	9.299	82	257161	111.766	ng	0.00
42) 2,4,6-Tribromophenol	16.248	330	205218	169.803	ng	0.00
45) 2-Fluorobiphenyl	13.388	172	580325	95.161	ng	0.00
79) Terphenyl-d14	20.108	244	1103995	81.957	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	12.818	142	10532	2.468	ng	Qvalue # 89

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

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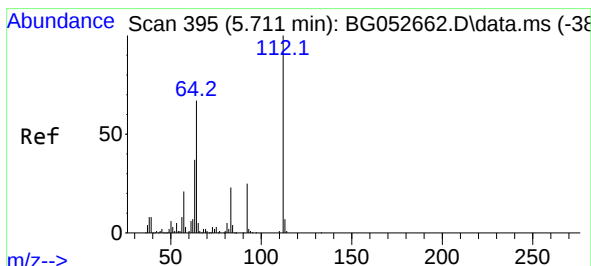
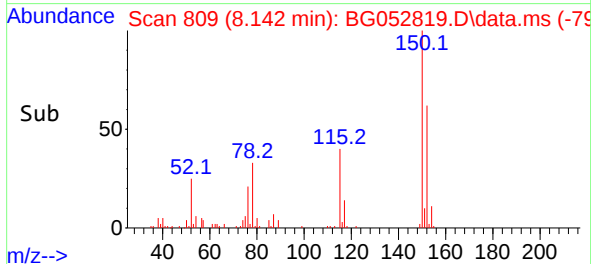
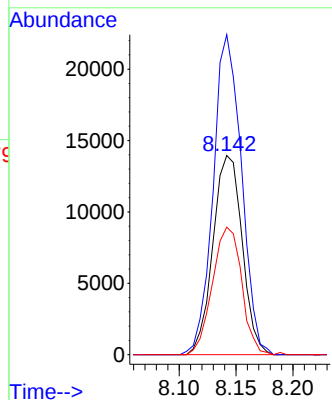
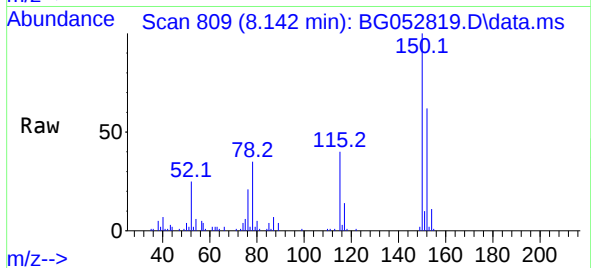




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.142 min Scan# 809
Delta R.T. -0.004 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

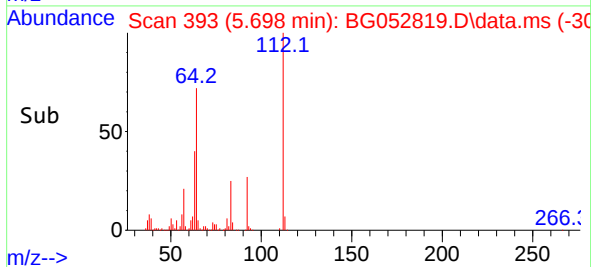
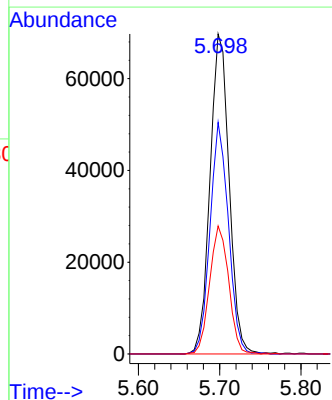
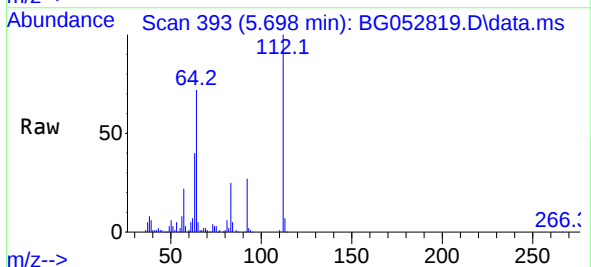
Instrument :
BNA_G
ClientSampleId :
MW-58

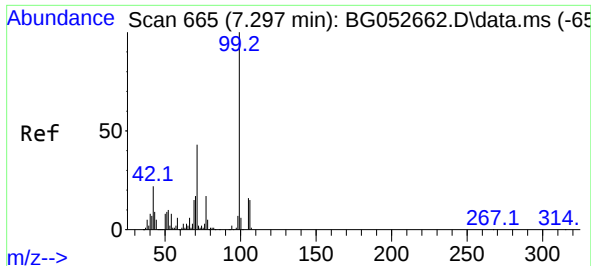
Tgt Ion:152 Resp: 24938
Ion Ratio Lower Upper
152 100
150 160.6 114.6 172.0
115 64.0 45.9 68.9



#5
2-Fluorophenol
Concen: 79.656 ng
RT: 5.698 min Scan# 393
Delta R.T. 0.002 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

Tgt Ion:112 Resp: 114066
Ion Ratio Lower Upper
112 100
64 72.3 48.0 72.0#
63 40.0 26.5 39.7#

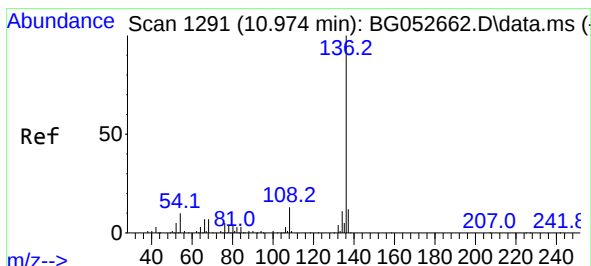
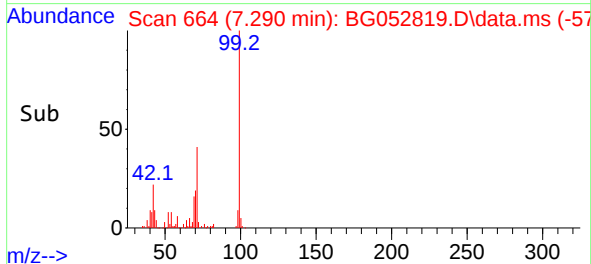
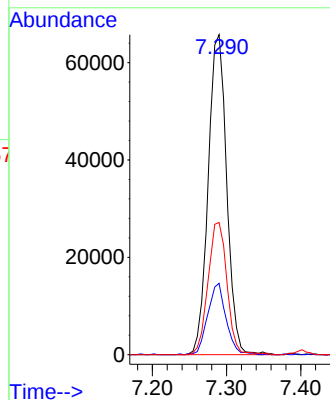
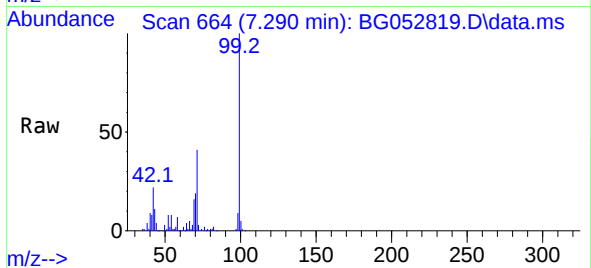




#7
Phenol-d6
Concen: 52.826 ng
RT: 7.290 min Scan# 60
Delta R.T. 0.002 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

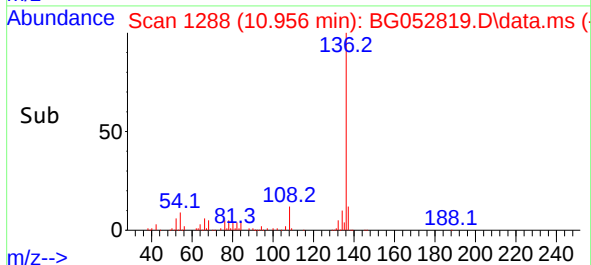
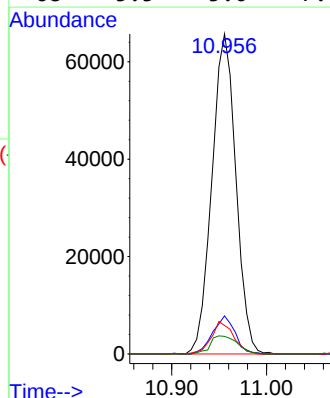
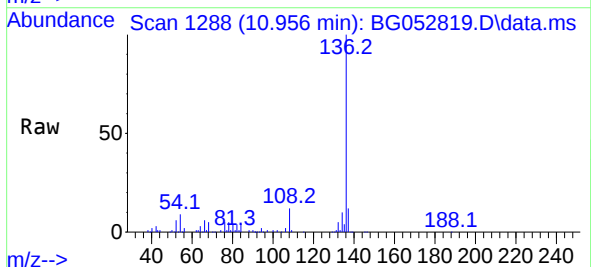
Instrument :
BNA_G
ClientSampleId :
MW-58

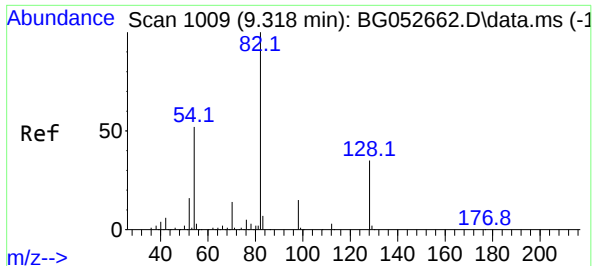
Tgt Ion: 99 Resp: 114043
Ion Ratio Lower Upper
99 100
42 22.3 14.7 22.1#
71 41.3 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.956 min Scan# 1288
Delta R.T. -0.004 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

Tgt Ion: 136 Resp: 115482
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.2
54 8.9 6.4 9.6
68 5.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 111.766 ng

RT: 9.299 min Scan# 1006

Delta R.T. -0.004 min

Lab File: BG052819.D

Acq: 24 Mar 2022 21:36

Instrument :

BNA_G

ClientSampleId :

MW-58

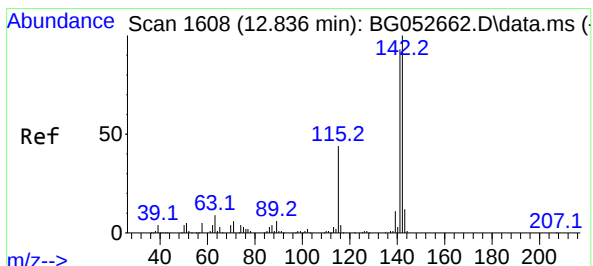
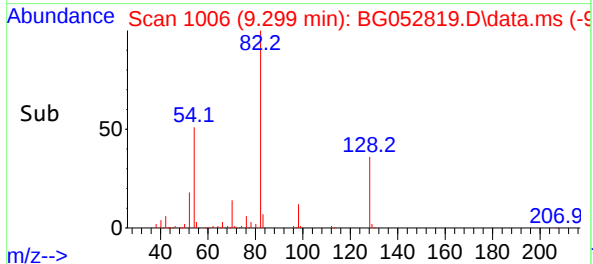
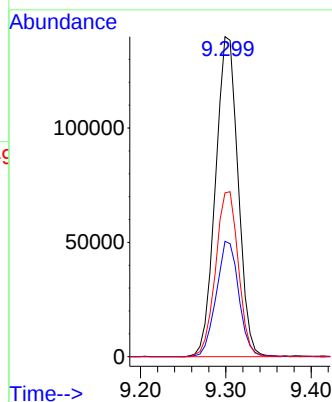
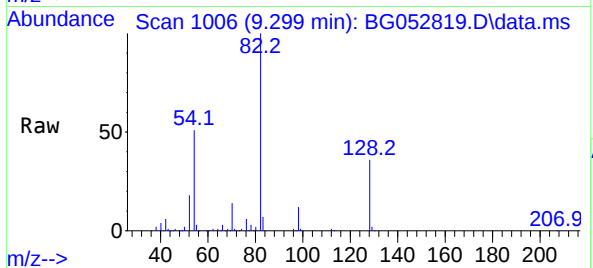
Tgt Ion: 82 Resp: 257161

Ion Ratio Lower Upper

82 100

128 36.0 31.3 46.9

54 51.2 37.8 56.8



#38

1-Methylnaphthalene

Concen: 2.468 ng

RT: 12.818 min Scan# 1605

Delta R.T. -0.004 min

Lab File: BG052819.D

Acq: 24 Mar 2022 21:36

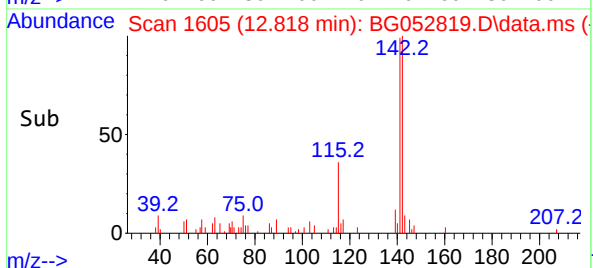
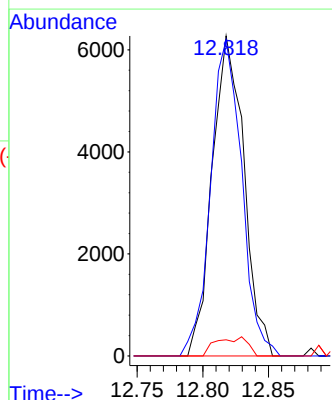
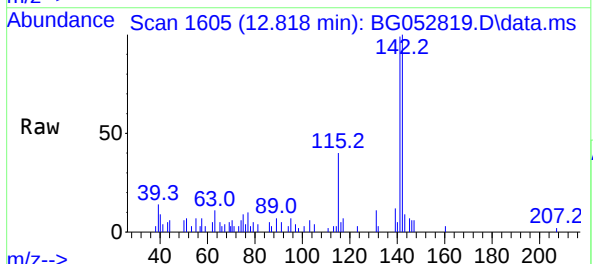
Tgt Ion: 142 Resp: 10532

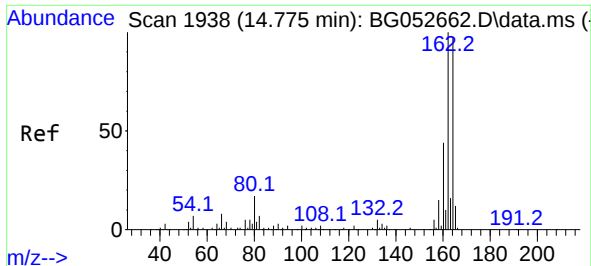
Ion Ratio Lower Upper

142 100

141 98.9 70.5 105.7

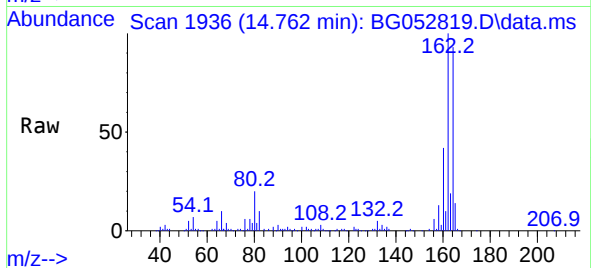
116 5.1 3.1 4.7#



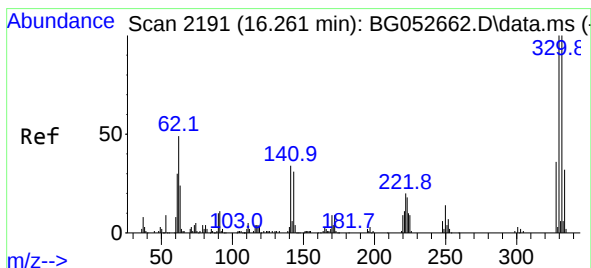
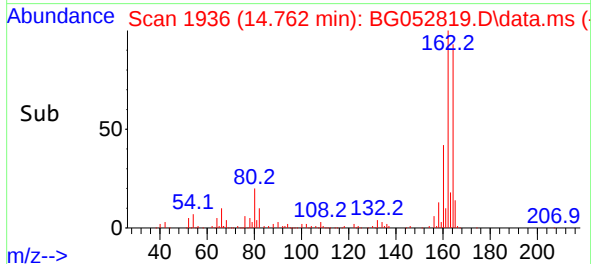
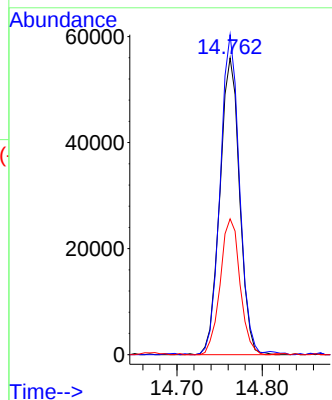


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.762 min Scan# 1936
Delta R.T. -0.004 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

Instrument :
BNA_G
ClientSampleId :
MW-58

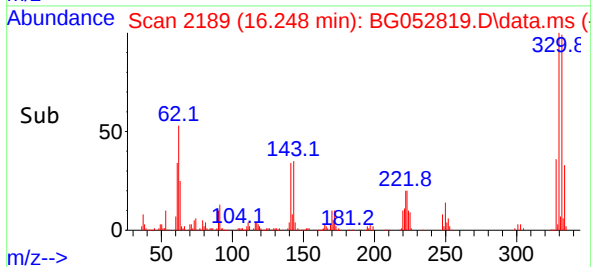
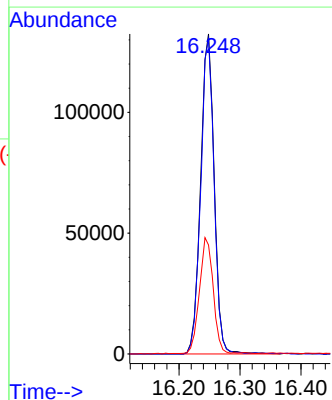
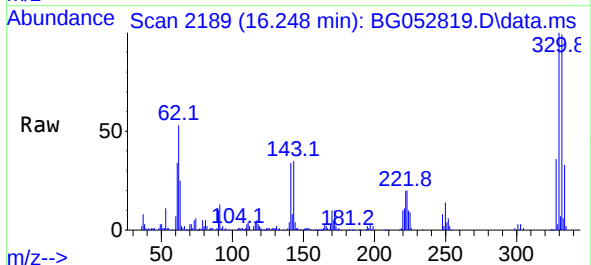


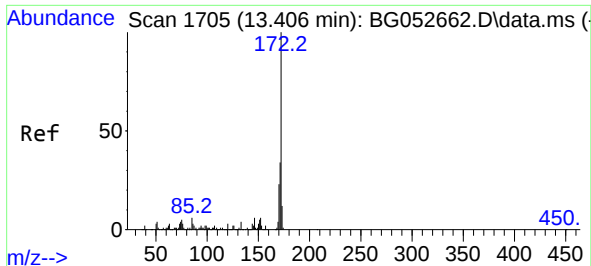
Tgt Ion:164 Resp: 89941
Ion Ratio Lower Upper
164 100
162 107.8 80.0 120.0
160 45.7 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 169.803 ng
RT: 16.248 min Scan# 2189
Delta R.T. 0.002 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

Tgt Ion:330 Resp: 205218
Ion Ratio Lower Upper
330 100
332 96.9 75.8 113.6
141 36.6 24.6 36.8

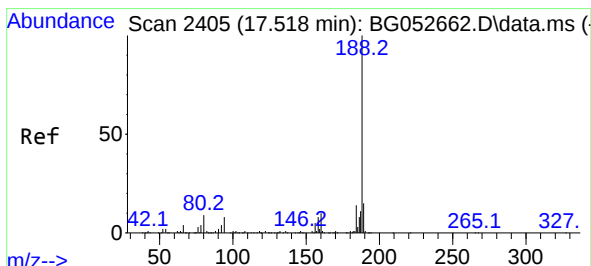
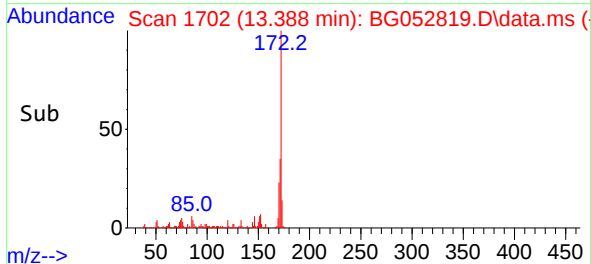
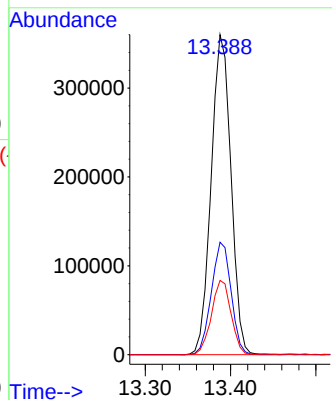
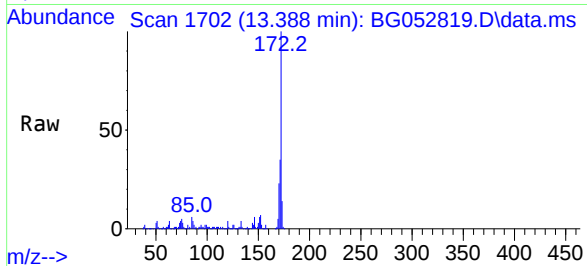




#45
2-Fluorobiphenyl
Concen: 95.161 ng
RT: 13.388 min Scan# 1
Delta R.T. -0.004 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

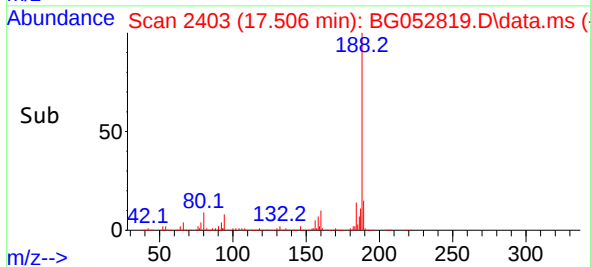
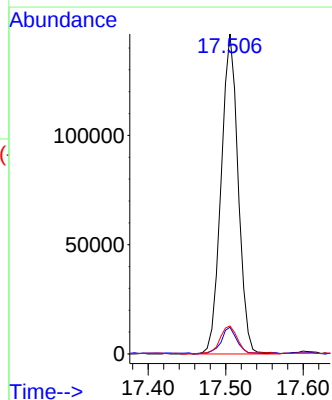
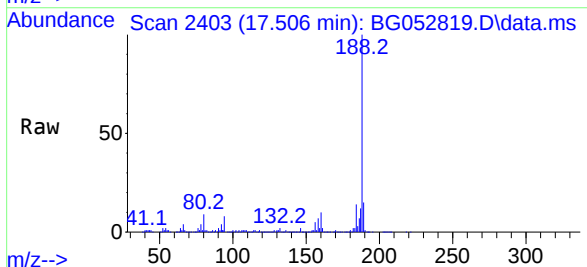
Instrument :
BNA_G
ClientSampleId :
MW-58

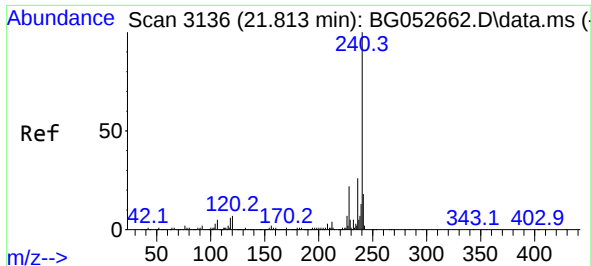
Tgt Ion:172 Resp: 580325
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 23.2 18.0 27.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.506 min Scan# 2403
Delta R.T. 0.002 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

Tgt Ion:188 Resp: 223803
Ion Ratio Lower Upper
188 100
94 8.3 5.7 8.5
80 8.8 7.2 10.8

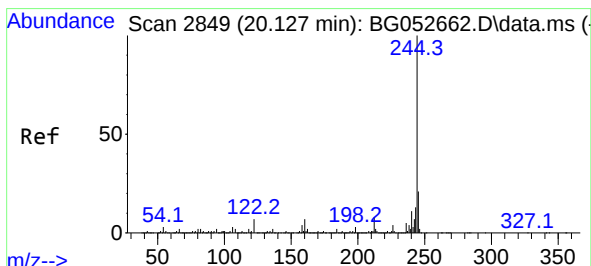
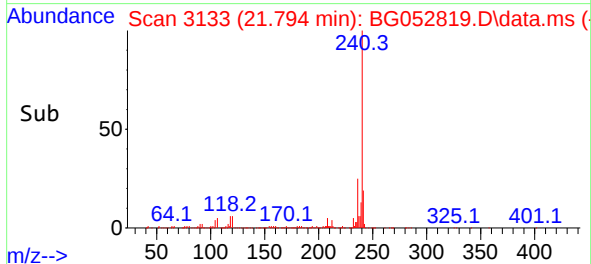
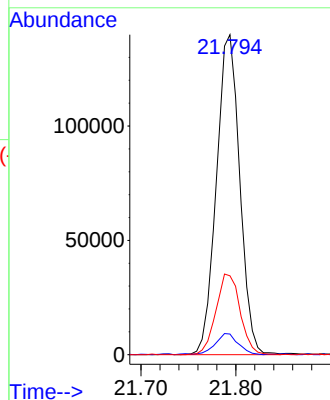
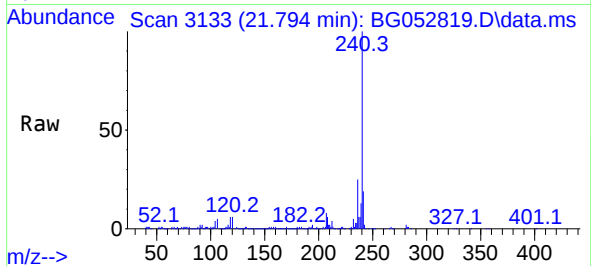




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.794 min Scan# 31
Delta R.T. -0.004 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

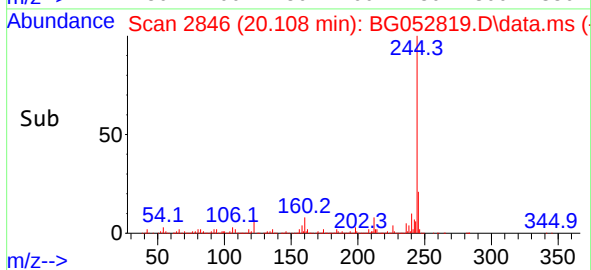
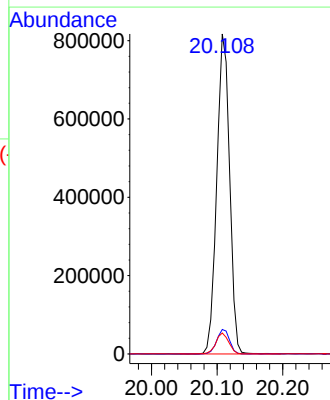
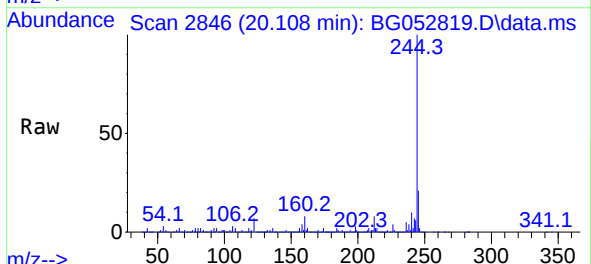
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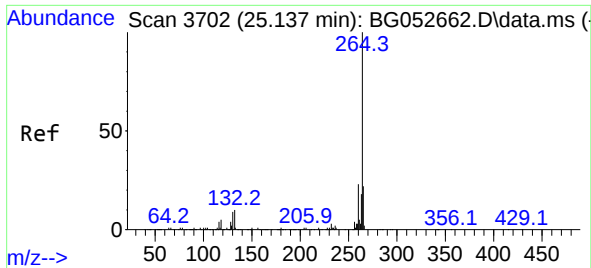
Tgt Ion:240 Resp: 239618
Ion Ratio Lower Upper
240 100
120 6.4 5.4 8.0
236 24.7 19.8 29.6



#79
Terphenyl-d14
Concen: 81.957 ng
RT: 20.108 min Scan# 2846
Delta R.T. -0.004 min
Lab File: BG052819.D
Acq: 24 Mar 2022 21:36

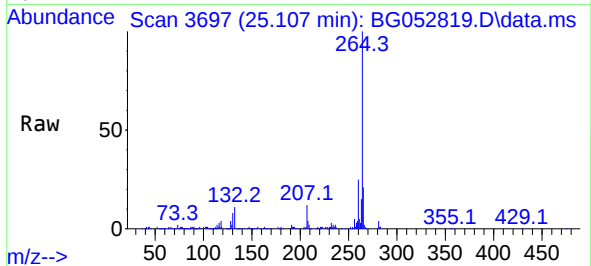
Tgt Ion:244 Resp: 1103995
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 6.5 5.8 8.6





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.107 min Scan# 30
 Delta R.T. -0.004 min
 Lab File: BG052819.D
 Acq: 24 Mar 2022 21:36

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:264 Resp: 261099
 Ion Ratio Lower Upper
 264 100
 260 25.4 18.2 27.2
 265 21.1 15.1 22.7

