

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041922\
 Data File : BG053205.D
 Acq On : 19 Apr 2022 21:11
 Operator : CG/JU
 Sample : N2452-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-15-1-4

Quant Time: Apr 20 05:43:19 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)

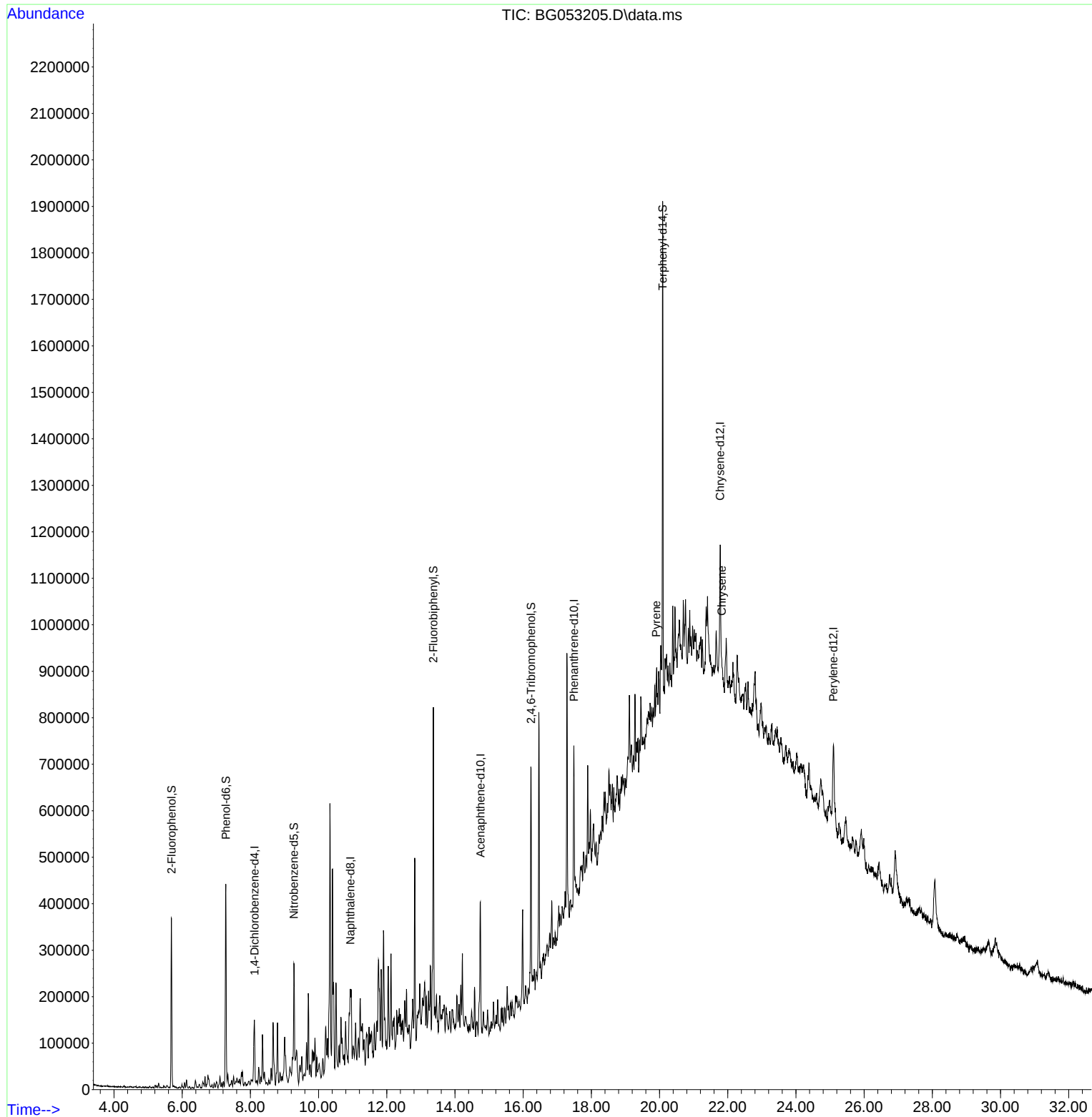
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.120	152	34388	20.000	ng	0.00
21) Naphthalene-d8	10.933	136	137086	20.000	ng	0.00
39) Acenaphthene-d10	14.746	164	94698	20.000	ng	0.00
64) Phenanthrene-d10	17.489	188	183536	20.000	ng	0.00
76) Chrysene-d12	21.777	240	176672	20.000	ng	0.00
86) Perylene-d12	25.096	264	188154	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	151330	75.435	ng	0.00
7) Phenol-d6	7.279	99	229428	74.162	ng	0.00
23) Nitrobenzene-d5	9.277	82	168429	49.887	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	104293	69.224	ng	0.00
45) 2-Fluorobiphenyl	13.365	172	375057	54.612	ng	0.00
79) Terphenyl-d14	20.092	244	528884	50.559	ng	0.00
Target Compounds						
78) Pyrene	19.904	202	31621	2.513	ng	# 84
83) Chrysene	21.824	228	42421	3.784	ng	# 59

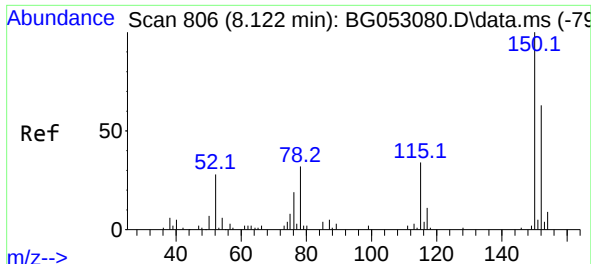
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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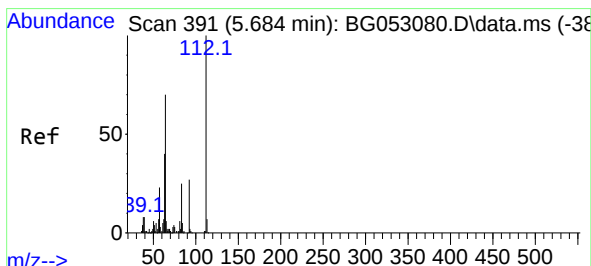
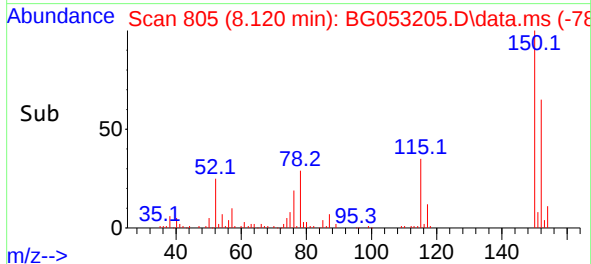
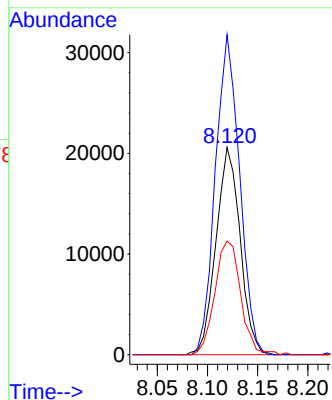
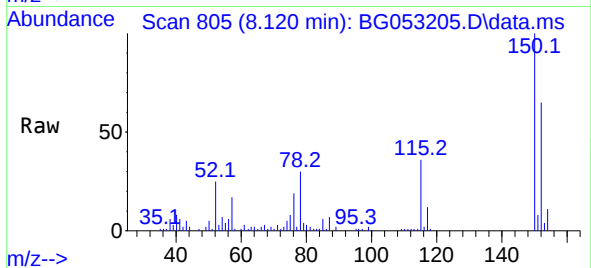




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.120 min Scan# 806
Delta R.T. -0.002 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

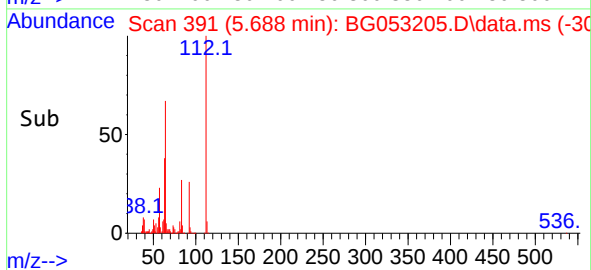
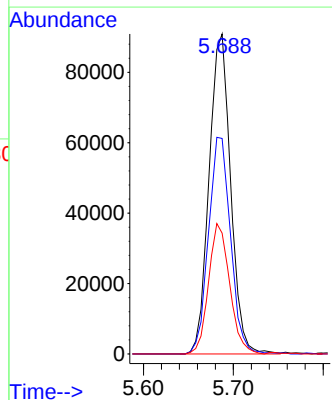
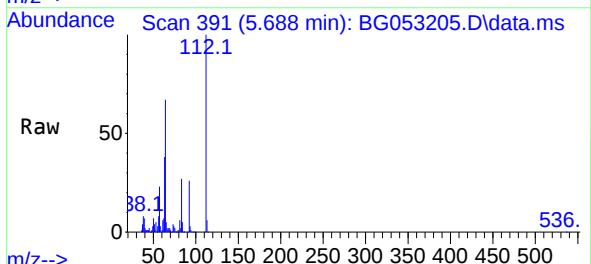
Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

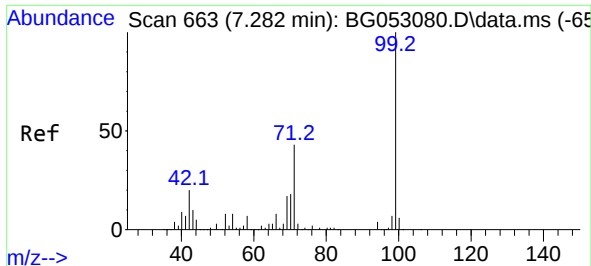
Tgt Ion:152 Resp: 34388
Ion Ratio Lower Upper
152 100
150 154.4 114.6 172.0
115 54.8 45.9 68.9



#5
2-Fluorophenol
Concen: 75.435 ng
RT: 5.688 min Scan# 391
Delta R.T. 0.003 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

Tgt Ion:112 Resp: 151330
Ion Ratio Lower Upper
112 100
64 67.4 48.0 72.0
63 37.8 26.5 39.7

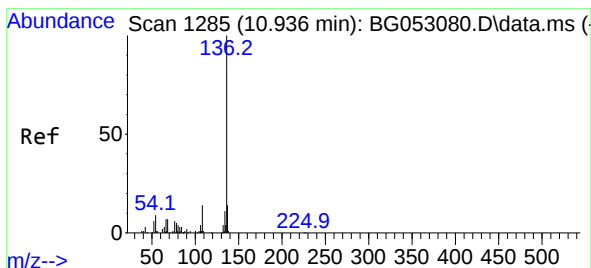
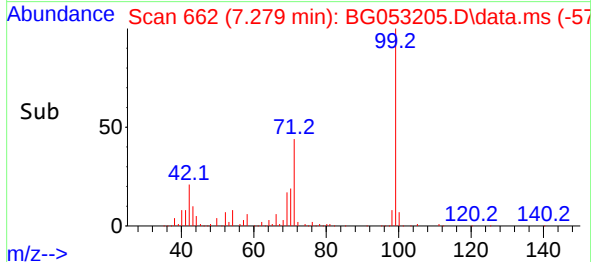
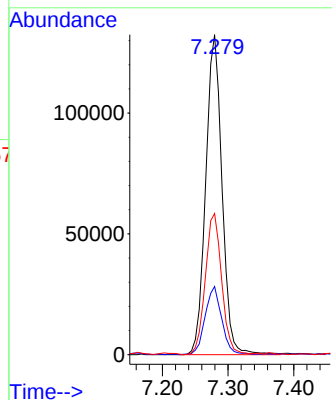
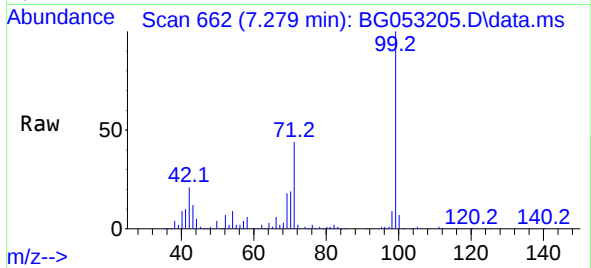




#7
Phenol-d6
Concen: 74.162 ng
RT: 7.279 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

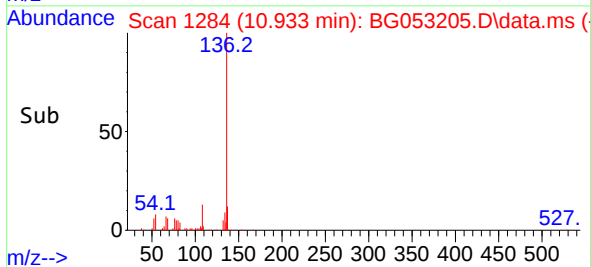
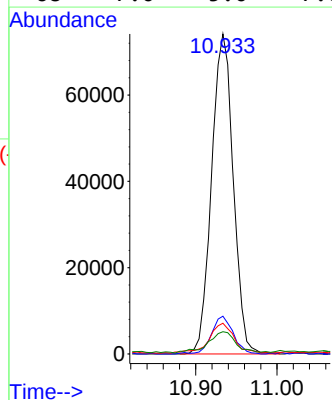
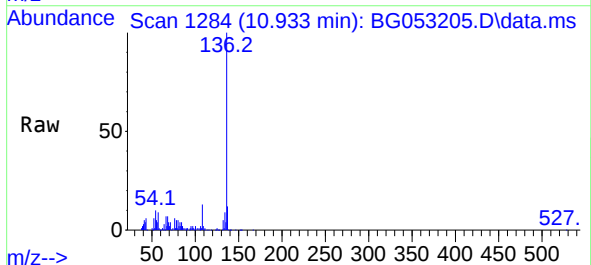
Instrument :
BNA_G
ClientSampleId :
WC-15-1-4

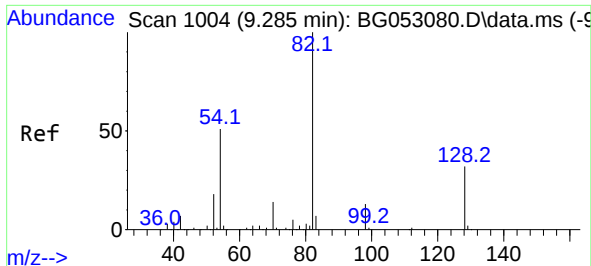
Tgt Ion: 99 Resp: 229428
Ion Ratio Lower Upper
99 100
42 21.3 14.7 22.1
71 44.1 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.933 min Scan# 1284
Delta R.T. -0.003 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

Tgt Ion:136 Resp: 137086
Ion Ratio Lower Upper
136 100
137 11.8 9.4 14.2
54 9.6 6.4 9.6
68 7.0 5.0 7.6





#23

Nitrobenzene-d5

Concen: 49.887 ng

RT: 9.277 min Scan# 10

Delta R.T. -0.008 min

Lab File: BG053205.D

Acq: 19 Apr 2022 21:11

Instrument :

BNA_G

ClientSampleId :

WC-15-1-4

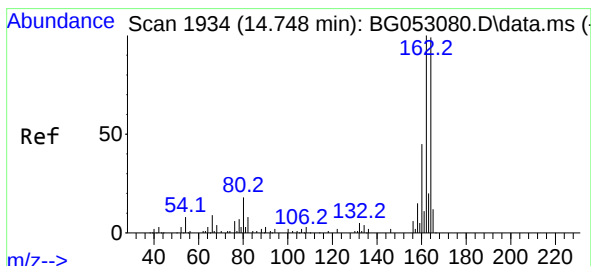
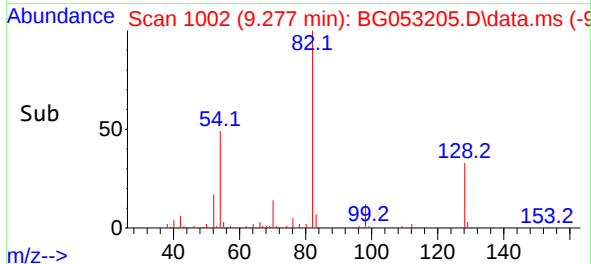
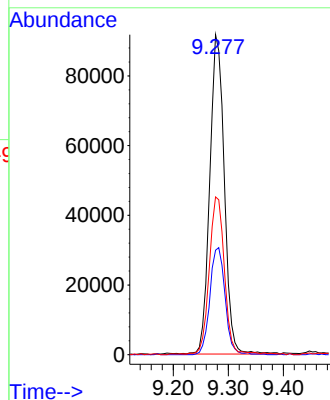
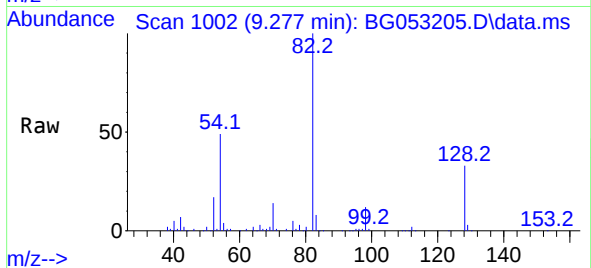
Tgt Ion: 82 Resp: 168429

Ion Ratio Lower Upper

82 100

128 32.6 31.3 46.9

54 49.3 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.746 min Scan# 1933

Delta R.T. -0.002 min

Lab File: BG053205.D

Acq: 19 Apr 2022 21:11

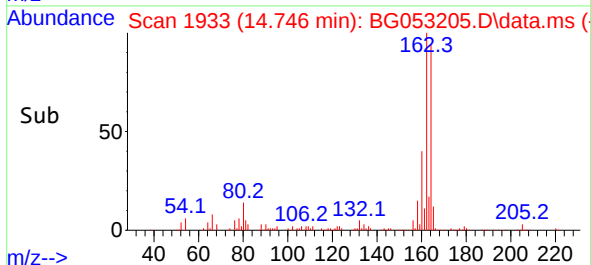
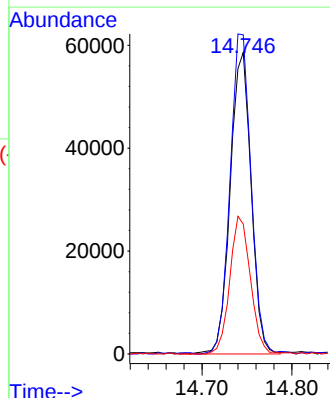
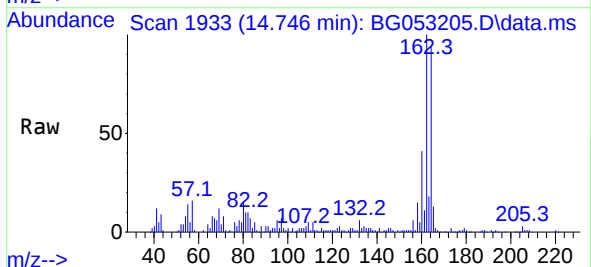
Tgt Ion:164 Resp: 94698

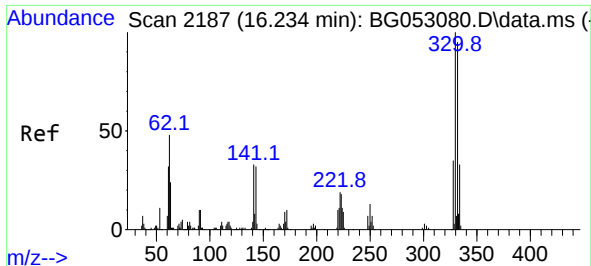
Ion Ratio Lower Upper

164 100

162 105.9 80.0 120.0

160 43.1 38.8 58.2

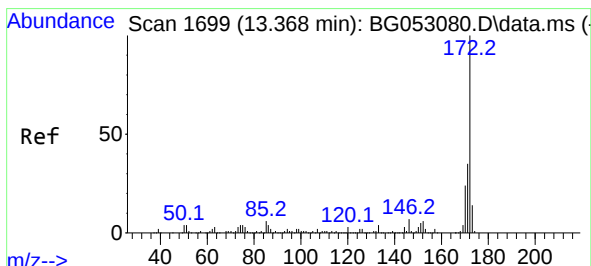
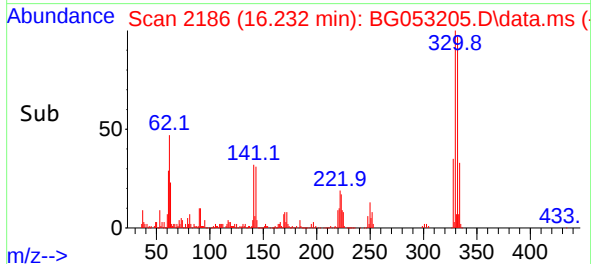
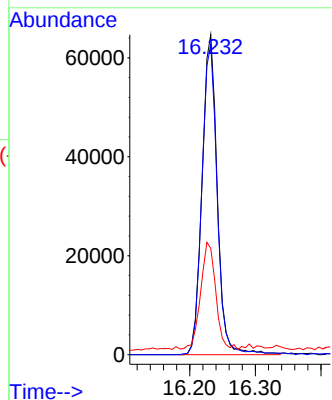
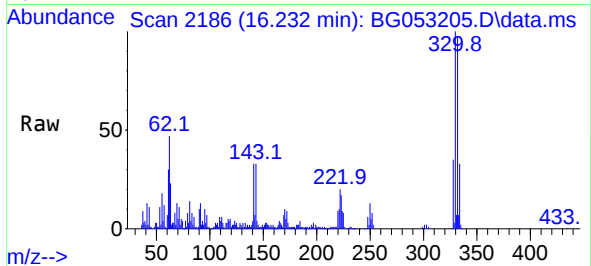




#42
2,4,6-Tribromophenol
Concen: 69.224 ng
RT: 16.232 min Scan# 2187
Delta R.T. -0.002 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

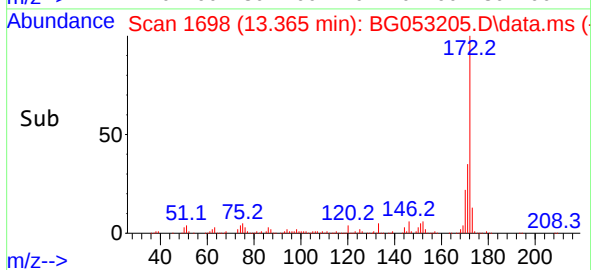
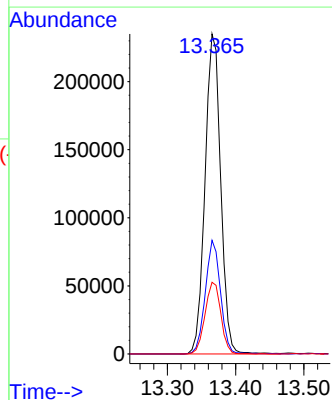
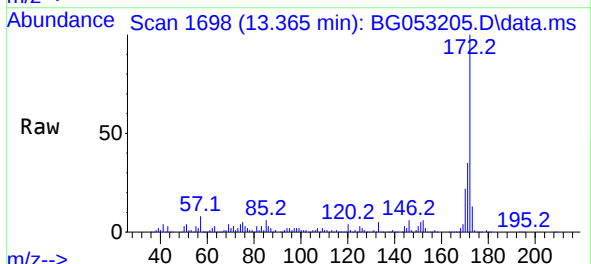
Instrument :
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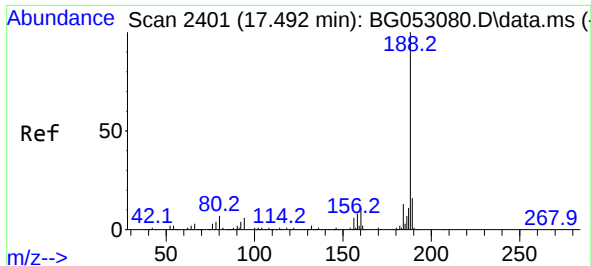
Tgt Ion:330 Resp: 104293
Ion Ratio Lower Upper
330 100
332 98.0 75.8 113.6
141 33.2 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 54.612 ng
RT: 13.365 min Scan# 1698
Delta R.T. -0.002 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

Tgt Ion:172 Resp: 375057
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 22.4 18.0 27.0

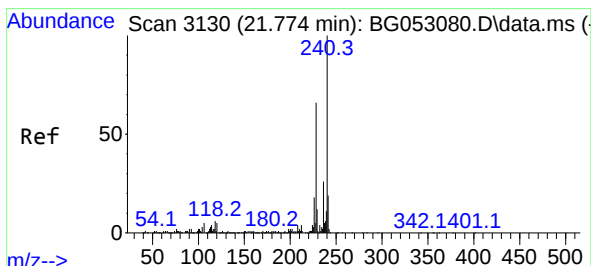
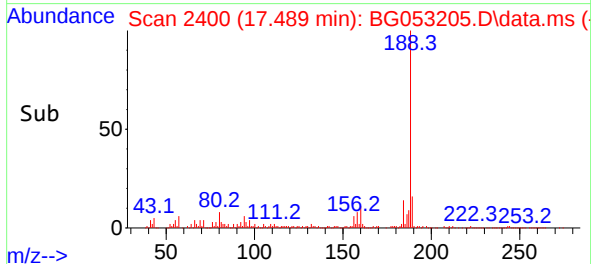
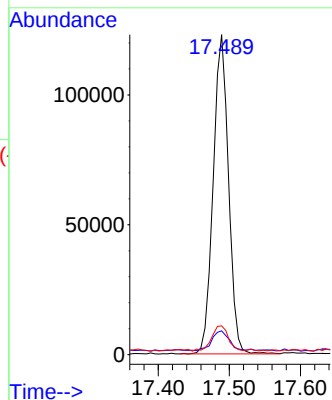
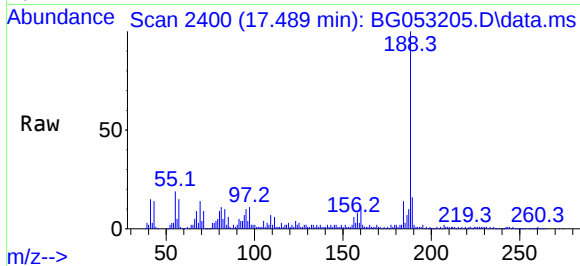




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.489 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

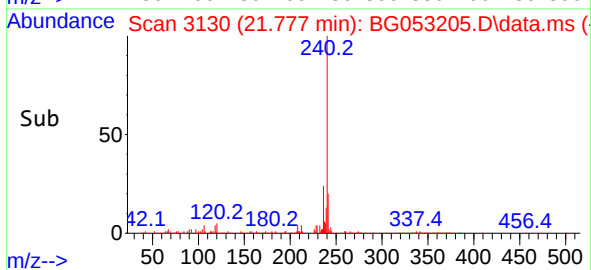
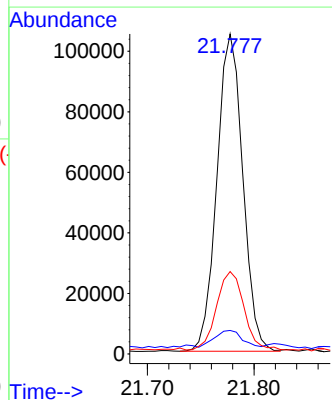
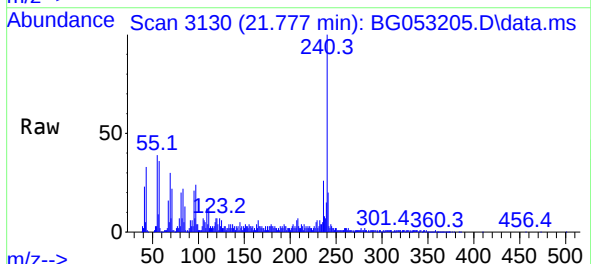
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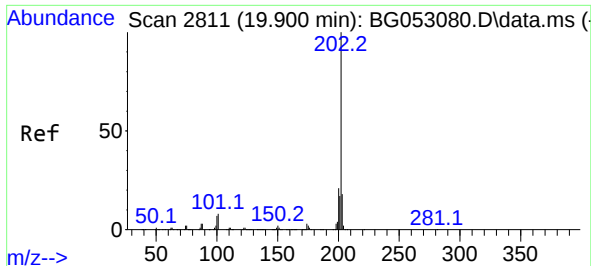
Tgt Ion:188 Resp: 183536
Ion Ratio Lower Upper
188 100
94 7.4 5.7 8.5
80 9.0 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.777 min Scan# 3130
Delta R.T. 0.003 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

Tgt Ion:240 Resp: 176672
Ion Ratio Lower Upper
240 100
120 7.4 5.4 8.0
236 25.7 19.8 29.6

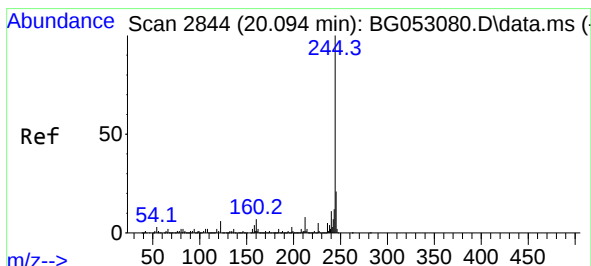
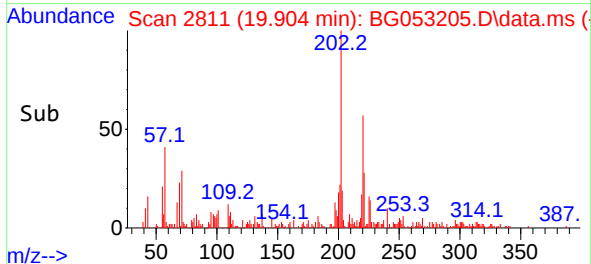
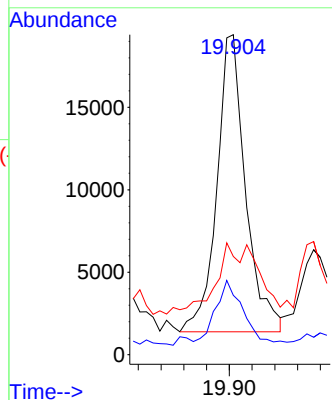
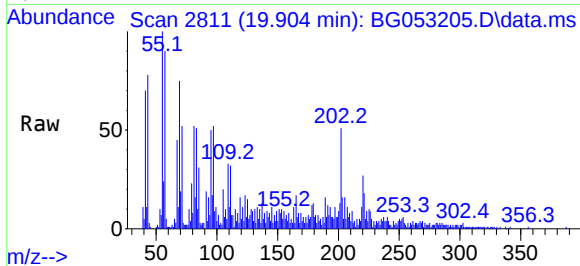




#78
Pyrene
Concen: 2.513 ng
RT: 19.904 min Scan# 2811
Delta R.T. 0.003 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

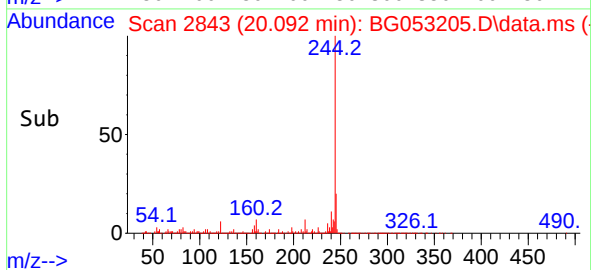
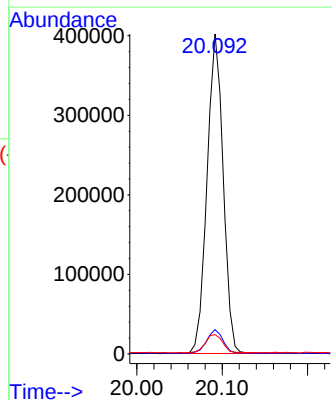
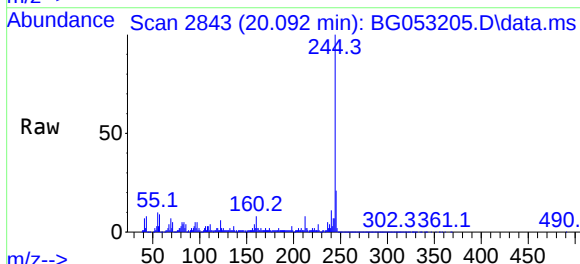
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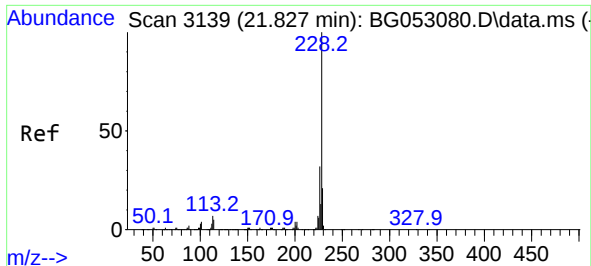
Tgt Ion:202 Resp: 31621
Ion Ratio Lower Upper
202 100
200 18.5 17.0 25.6
203 30.7 15.0 22.6#



#79
Terphenyl-d14
Concen: 50.559 ng
RT: 20.092 min Scan# 2843
Delta R.T. -0.002 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

Tgt Ion:244 Resp: 528884
Ion Ratio Lower Upper
244 100
212 7.6 5.4 8.2
122 6.1 5.8 8.6

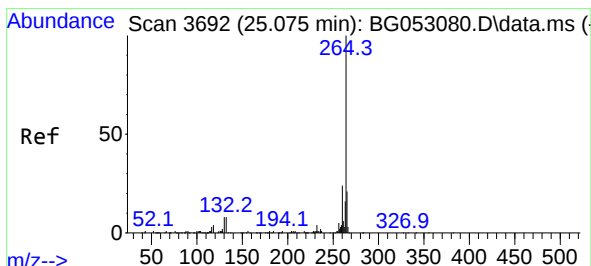
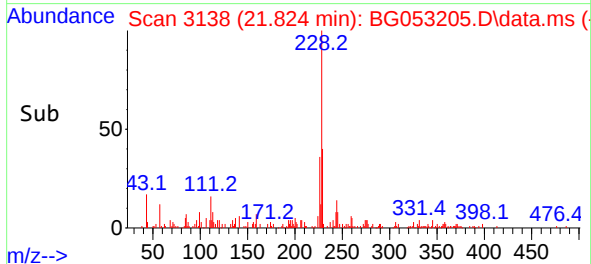
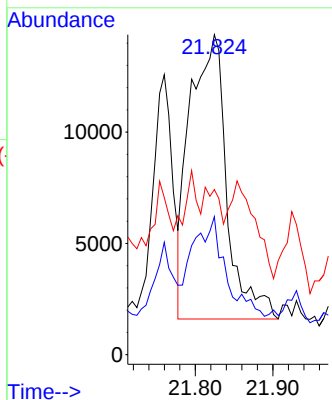
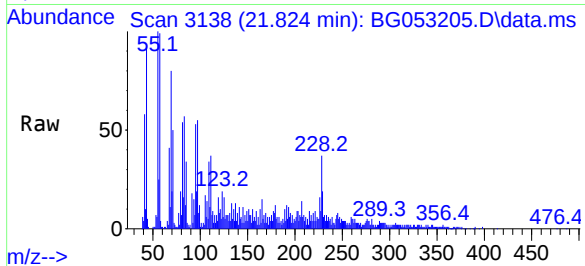




#83
Chrysene
Concen: 3.784 ng
RT: 21.824 min Scan# 3139
Delta R.T. -0.002 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

Instrument :
BNA_G
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Tgt Ion:228	Resp: 42421
Ion Ratio	Lower Upper
228	100
226	43.1 24.2 36.4#
229	51.6 16.3 24.5#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.096 min Scan# 3695
Delta R.T. 0.021 min
Lab File: BG053205.D
Acq: 19 Apr 2022 21:11

Tgt Ion:264	Resp: 188154
Ion Ratio	Lower Upper
264	100
260	25.0 18.2 27.2
265	24.1 15.1 22.7#

