

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053020.D
 Acq On : 4 Apr 2022 22:56
 Operator : CG/JU
 Sample : N2207-10
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-096-21-02

Quant Time: Apr 05 01:08:20 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)

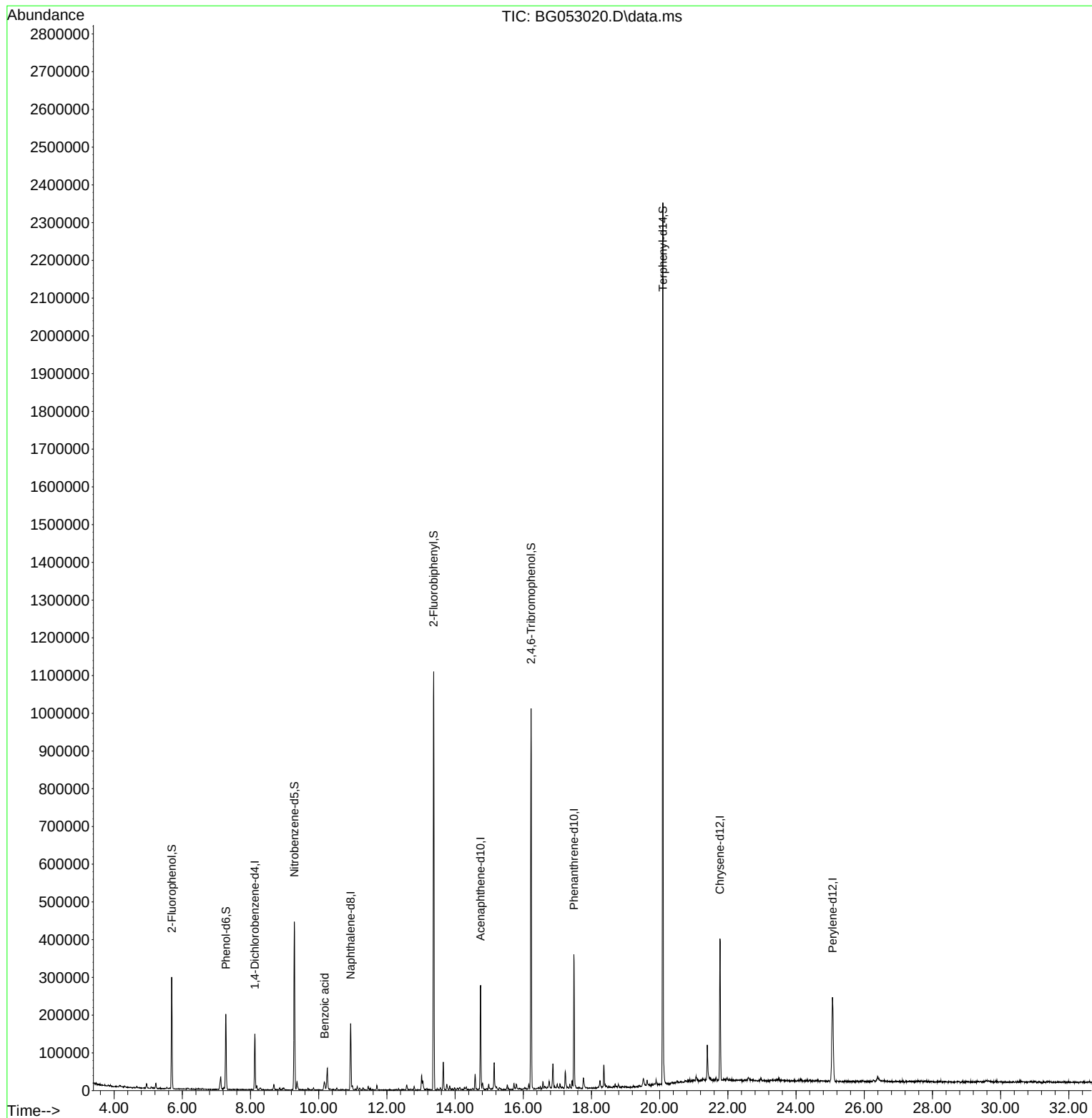
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.129	152	37837	20.000	ng	-0.02
21) Naphthalene-d8	10.936	136	146421	20.000	ng	#-0.02
39) Acenaphthene-d10	14.749	164	99174	20.000	ng	-0.02
64) Phenanthrene-d10	17.486	188	221801	20.000	ng	-0.02
76) Chrysene-d12	21.769	240	244762	20.000	ng	-0.03
86) Perylene-d12	25.070	264	258610	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	117828	54.232	ng	0.00
7) Phenol-d6	7.277	99	108755	33.203	ng	-0.01
23) Nitrobenzene-d5	9.286	82	275902	94.574	ng	-0.02
42) 2,4,6-Tribromophenol	16.229	330	194678	146.085	ng	-0.02
45) 2-Fluorobiphenyl	13.374	172	578323	86.004	ng	-0.02
79) Terphenyl-d14	20.095	244	1151719	83.703	ng	-0.02
Target Compounds						
32) Benzoic acid	10.179	122	8803	10.714	ng	Qvalue # 83

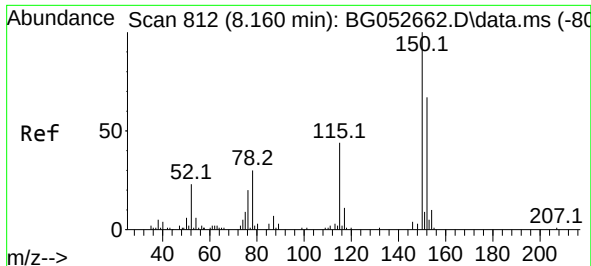
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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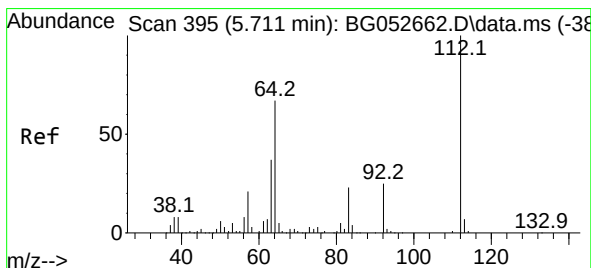
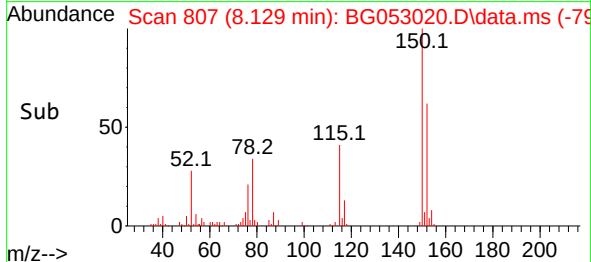
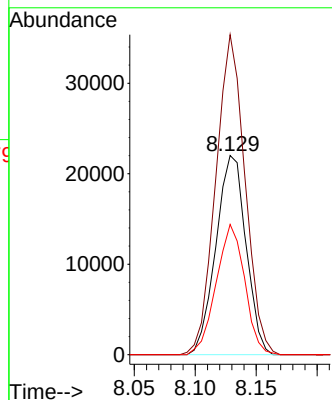
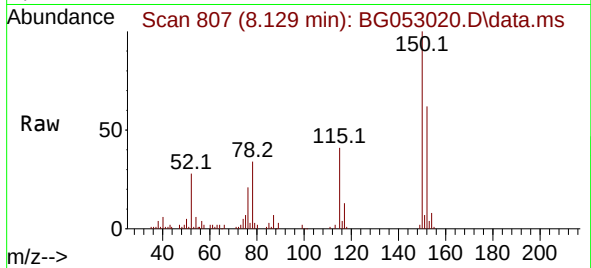




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.129 min Scan# 80
Delta R.T. -0.017 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

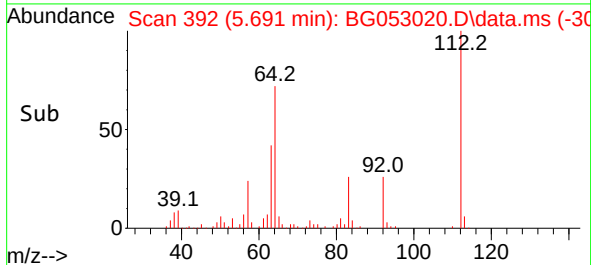
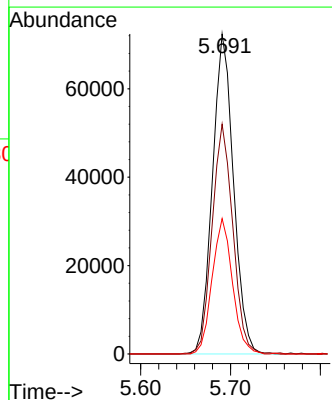
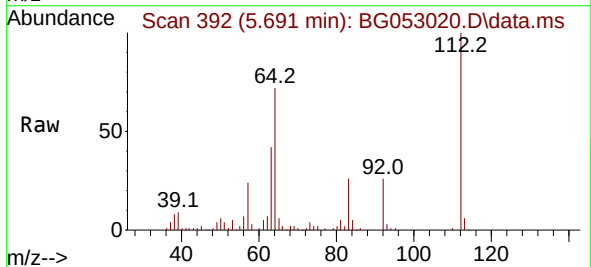
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-02

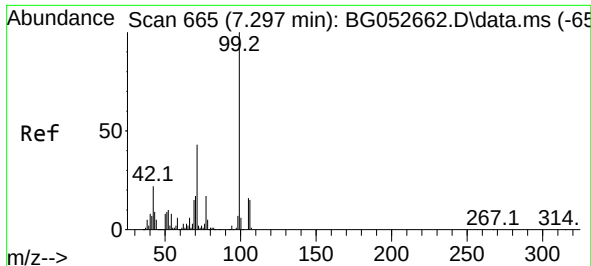
Tgt Ion:152 Resp: 37837
Ion Ratio Lower Upper
152 100
150 160.6 114.6 172.0
115 65.4 45.9 68.9



#5
2-Fluorophenol
Concen: 54.232 ng
RT: 5.691 min Scan# 392
Delta R.T. -0.006 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

Tgt Ion:112 Resp: 117828
Ion Ratio Lower Upper
112 100
64 71.8 48.0 72.0
63 42.3 26.5 39.7#

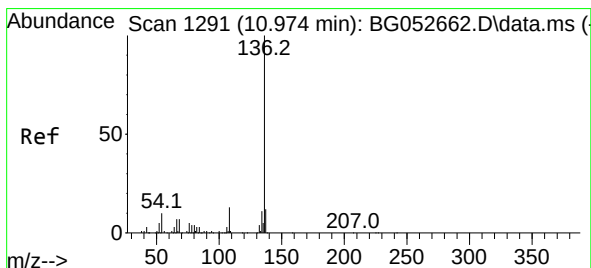
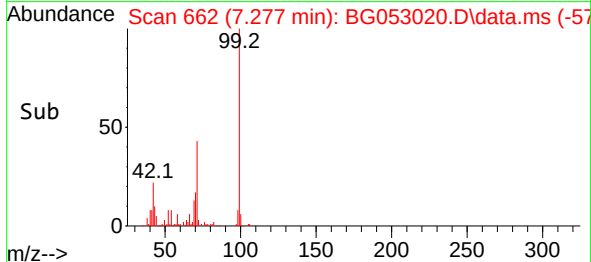
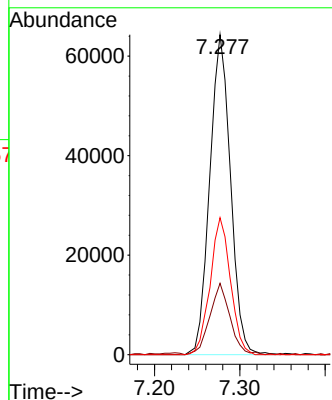
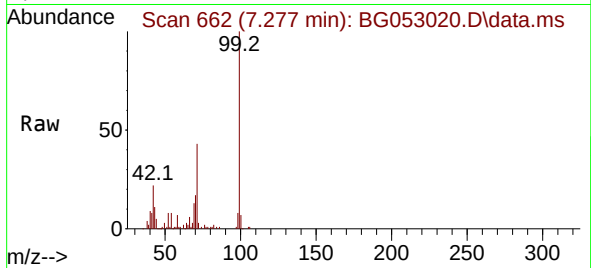




#7
Phenol-d6
Concen: 33.203 ng
RT: 7.277 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

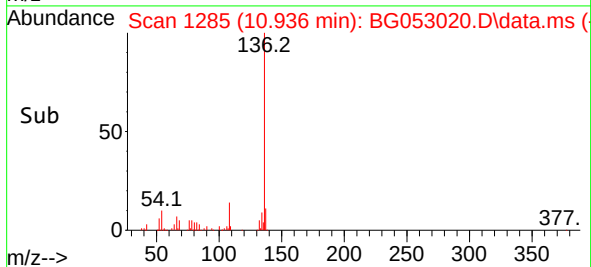
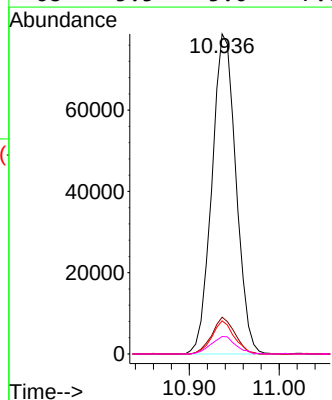
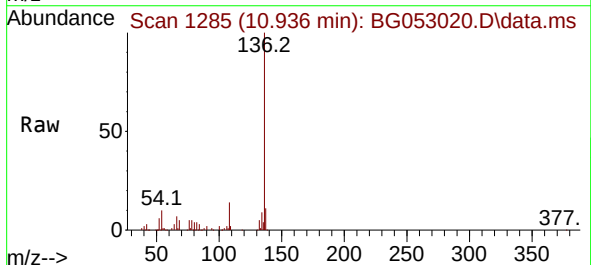
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-02

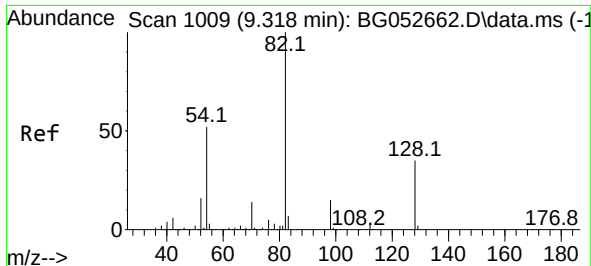
Tgt Ion: 99 Resp: 108755
Ion Ratio Lower Upper
99 100
42 22.3 14.7 22.1#
71 42.8 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.936 min Scan# 1285
Delta R.T. -0.023 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

Tgt Ion:136 Resp: 146421
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.2
54 10.3 6.4 9.6#
68 5.5 5.0 7.6





#23

Nitrobenzene-d5

Concen: 94.574 ng

RT: 9.286 min Scan# 1

Delta R.T. -0.018 min

Lab File: BG053020.D

Acq: 4 Apr 2022 22:56

Instrument :

BNA_G

ClientSampleId :

SPLP-LEACHATE-AMENDED-096-21-02

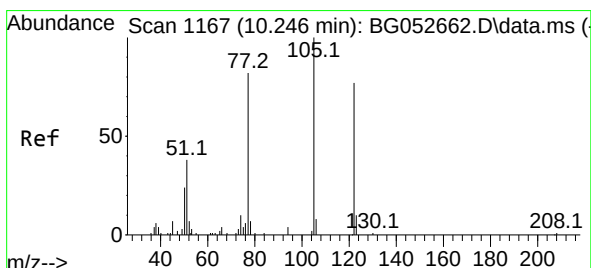
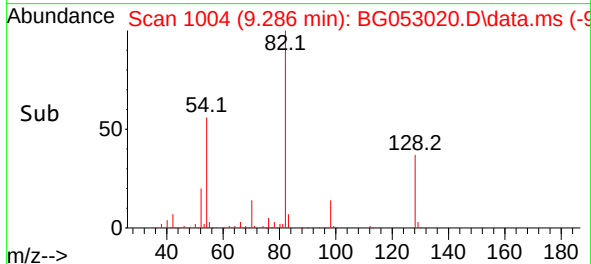
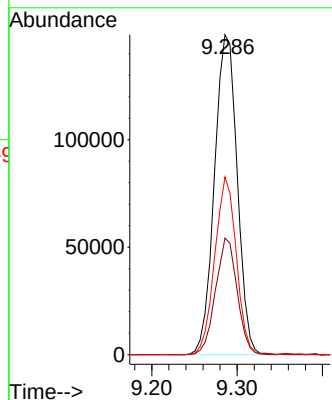
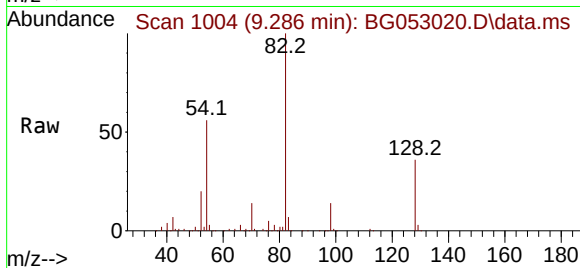
Tgt Ion: 82 Resp: 275902

Ion Ratio Lower Upper

82 100

128 36.5 31.3 46.9

54 55.5 37.8 56.8



#32

Benzoic acid

Concen: 10.714 ng

RT: 10.179 min Scan# 1156

Delta R.T. -0.059 min

Lab File: BG053020.D

Acq: 4 Apr 2022 22:56

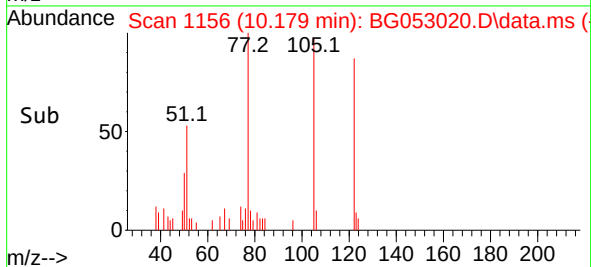
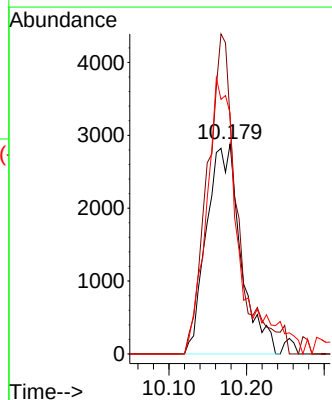
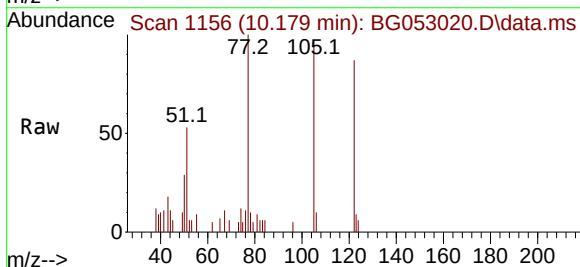
Tgt Ion: 122 Resp: 8803

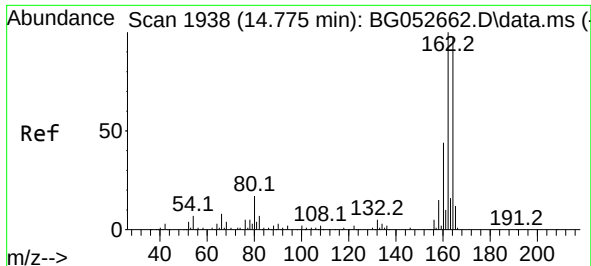
Ion Ratio Lower Upper

122 100

105 111.3 112.8 152.8#

77 114.4 78.4 118.4

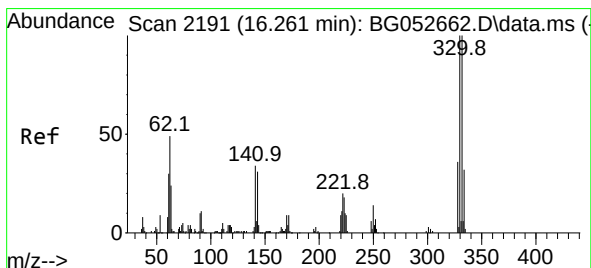
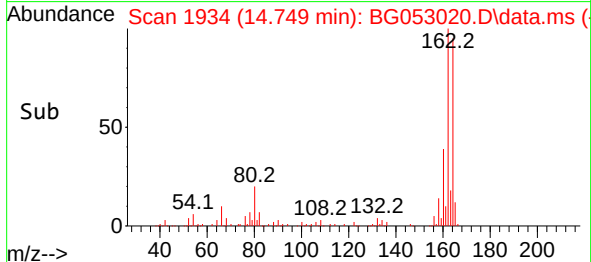
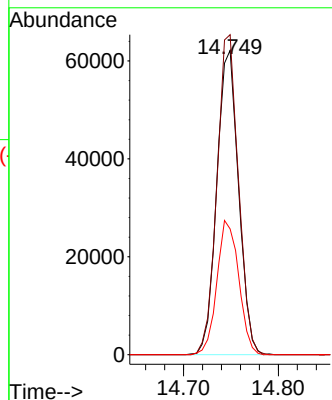
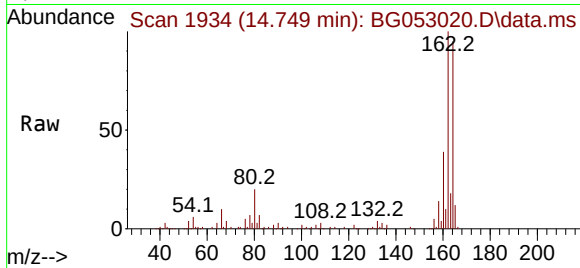




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.749 min Scan# 1934
Delta R.T. -0.018 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

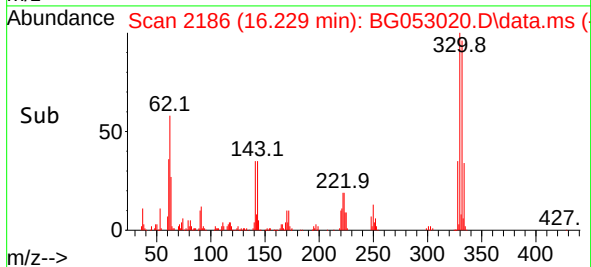
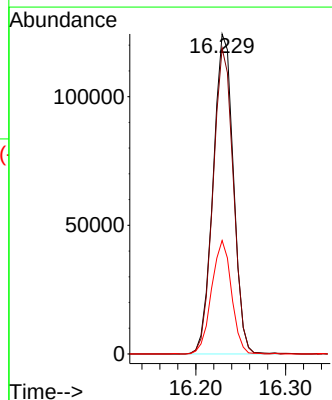
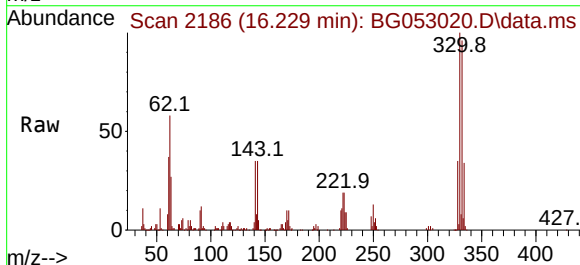
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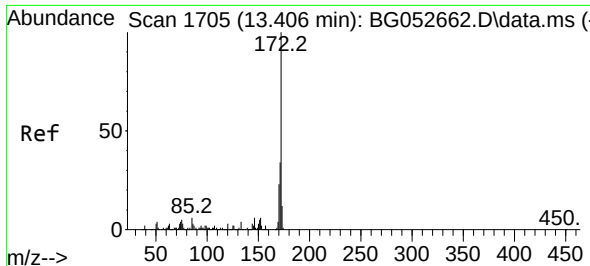
Tgt Ion:164 Resp: 99174
Ion Ratio Lower Upper
164 100
162 105.1 80.0 120.0
160 41.3 38.8 58.2



#42
2,4,6-Tribromophenol
Concen: 146.085 ng
RT: 16.229 min Scan# 2186
Delta R.T. -0.018 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

Tgt Ion:330 Resp: 194678
Ion Ratio Lower Upper
330 100
332 95.3 75.8 113.6
141 34.8 24.6 36.8

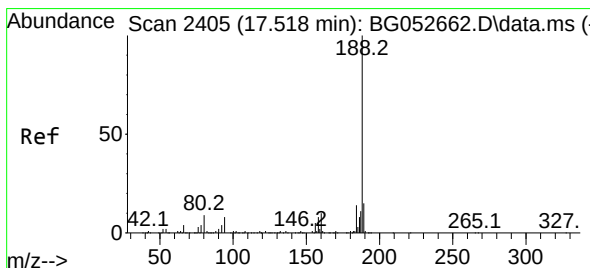
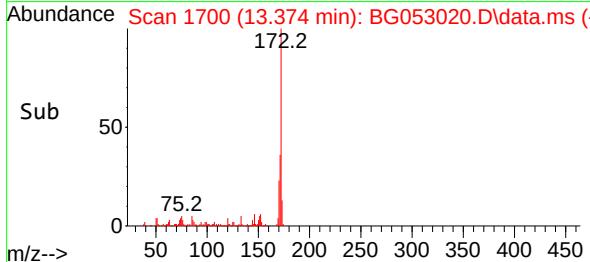
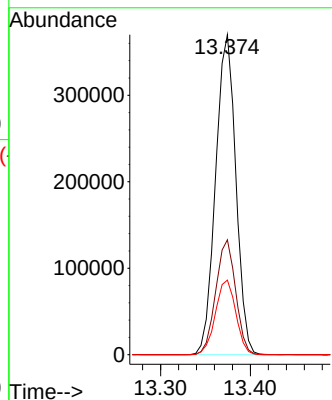
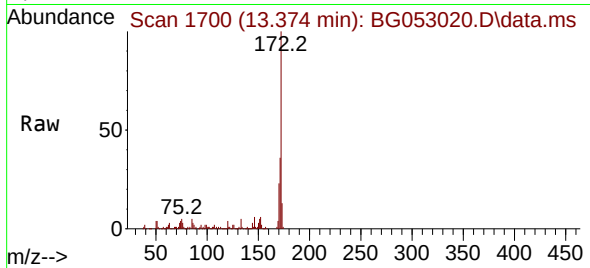




#45
2-Fluorobiphenyl
Concen: 86.004 ng
RT: 13.374 min Scan# 1
Delta R.T. -0.018 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

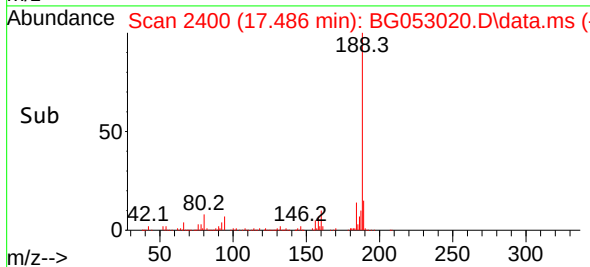
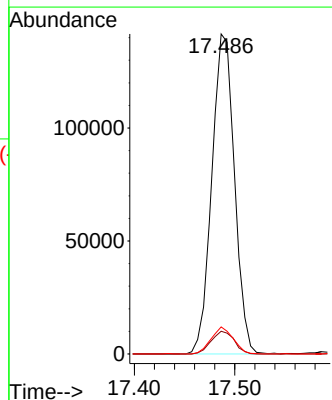
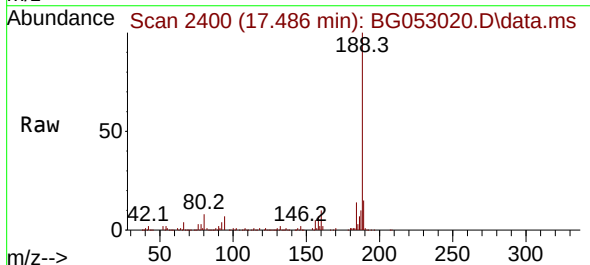
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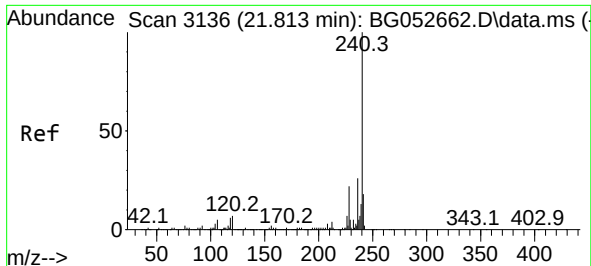
Tgt Ion:172 Resp: 578323
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.3 18.0 27.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.486 min Scan# 2400
Delta R.T. -0.018 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

Tgt Ion:188 Resp: 221801
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 8.4 7.2 10.8

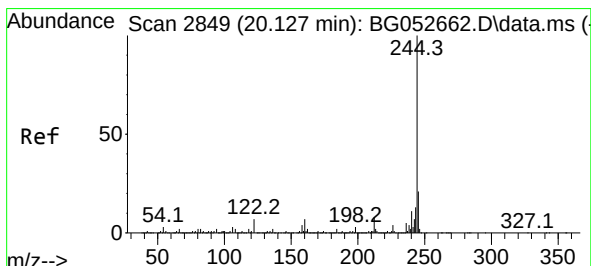
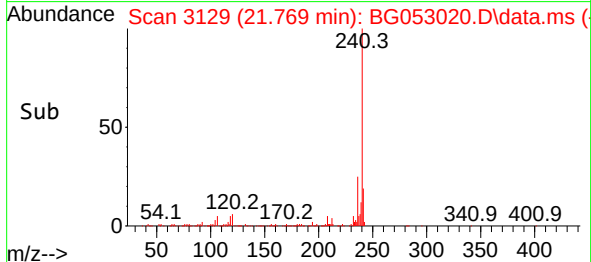
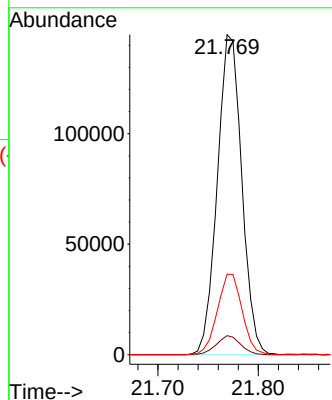
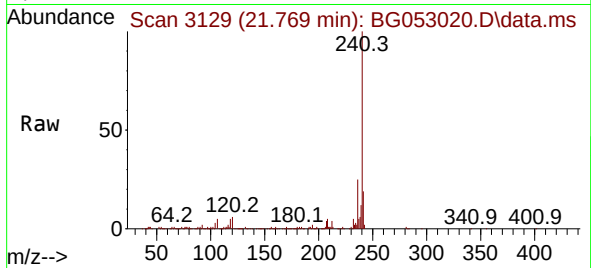




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.769 min Scan# 31
Delta R.T. -0.029 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

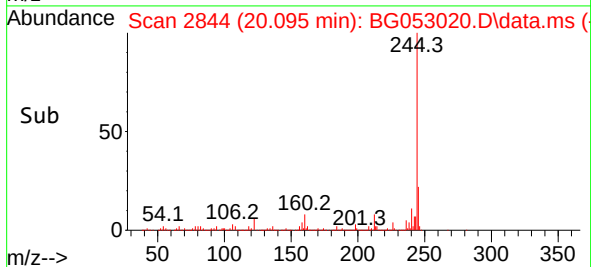
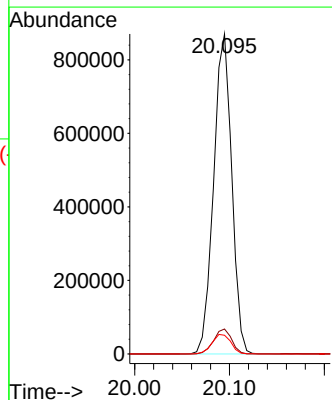
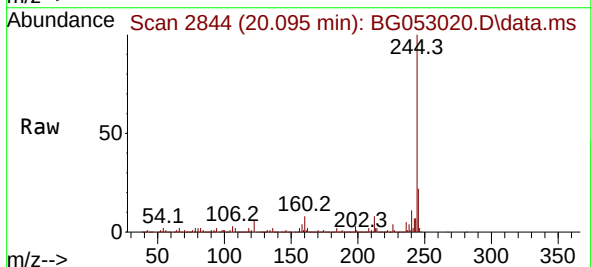
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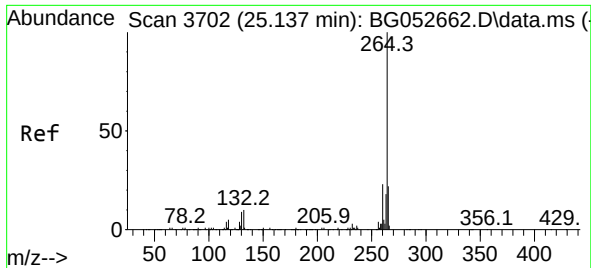
Tgt Ion:240 Resp: 244762
Ion Ratio Lower Upper
240 100
120 6.0 5.4 8.0
236 25.2 19.8 29.6



#79
Terphenyl-d14
Concen: 83.703 ng
RT: 20.095 min Scan# 2844
Delta R.T. -0.018 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

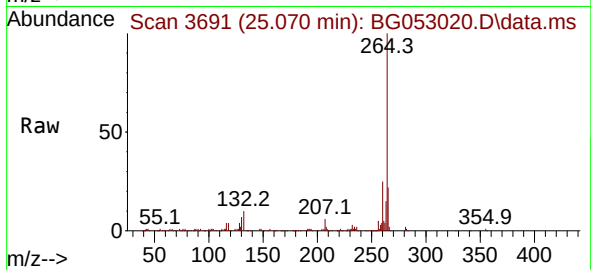
Tgt Ion:244 Resp: 1151719
Ion Ratio Lower Upper
244 100
212 7.8 5.4 8.2
122 5.8 5.8 8.6





#86
Perylene-d12
Concen: 20.000 ng
RT: 25.070 min Scan# 30
Delta R.T. -0.041 min
Lab File: BG053020.D
Acq: 4 Apr 2022 22:56

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion:264 Resp: 258610

Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.2	27.2
265	21.9	15.1	22.7

