

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040722\
 Data File : BG053072.D
 Acq On : 7 Apr 2022 13:54
 Operator : CG/JU
 Sample : N2207-09RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SPLP-LEACHATE-AMENDED-096-21-01RE

Quant Time: Apr 08 07:22:42 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	8.123	152	37073	20.000	ng	0.00
21) Naphthalene-d8	10.937	136	135527	20.000	ng	0.00
39) Acenaphthene-d10	14.749	164	97667	20.000	ng	0.00
64) Phenanthrene-d10	17.493	188	220452	20.000	ng	0.00
76) Chrysene-d12	21.775	240	219182	20.000	ng	0.00
86) Perylene-d12	25.082	264	223554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.691	112	550	0.258	ng	0.00
7) Phenol-d6	7.283	99	6823	2.126	ng	0.00
23) Nitrobenzene-d5	9.286	82	267578	99.093	ng	0.00
42) 2,4,6-Tribromophenol	16.235	330	650	0.495	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	564174	85.195	ng	0.00
79) Terphenyl-d14	20.095	244	1097671	89.085	ng	0.00

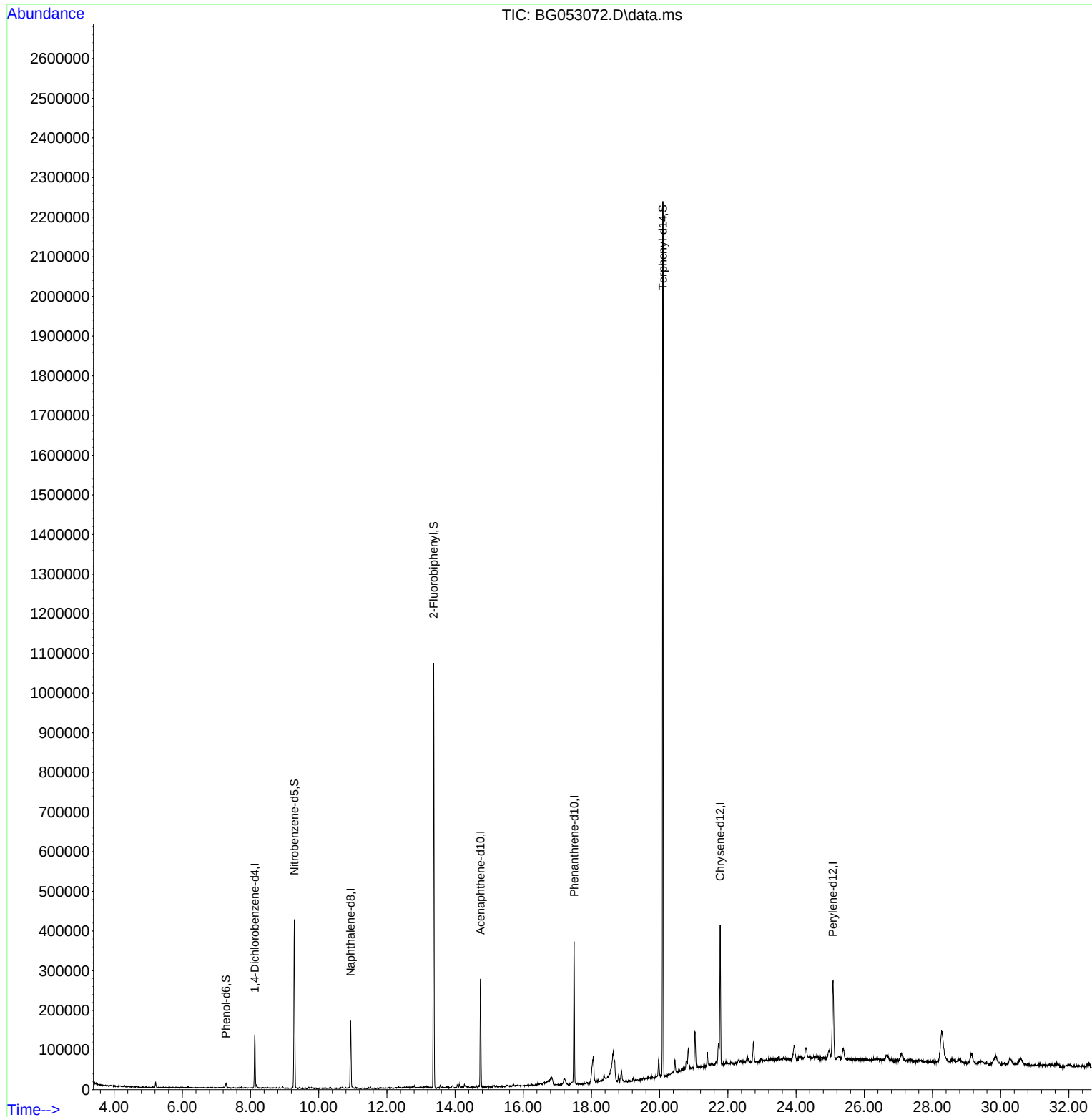
Target Compounds	Qvalue

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

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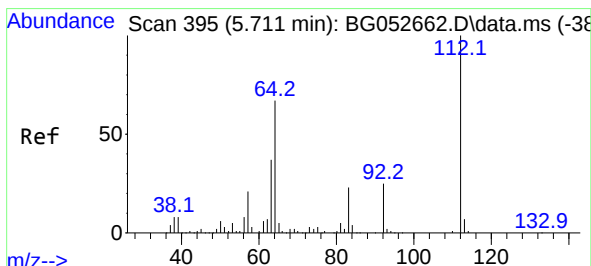
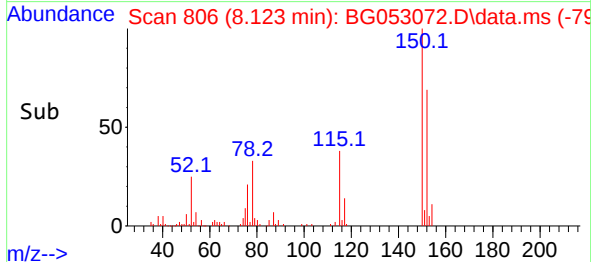
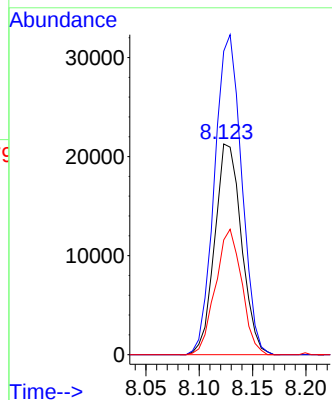
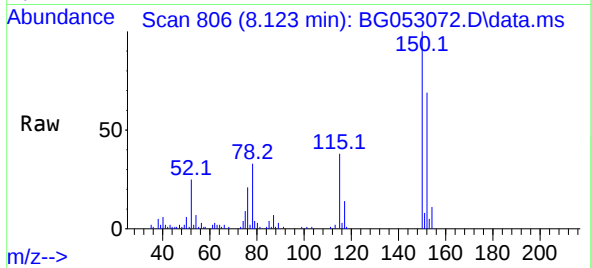




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.123 min Scan# 80
Delta R.T. -0.005 min
Lab File: BG053072.D
Acq: 7 Apr 2022 13:54

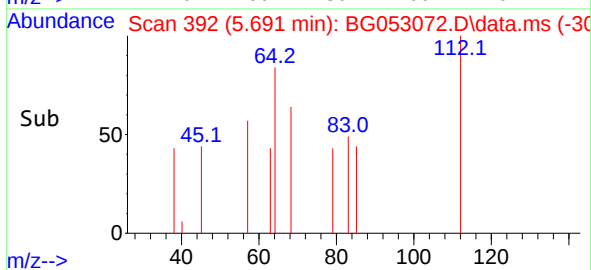
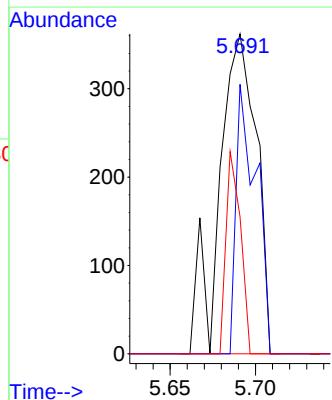
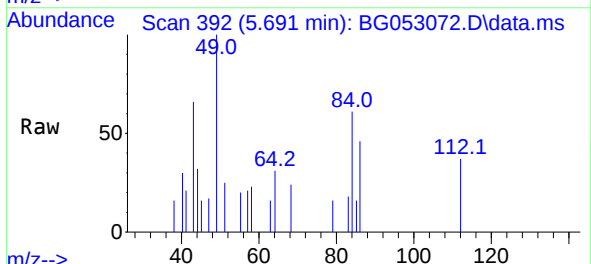
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-01RE

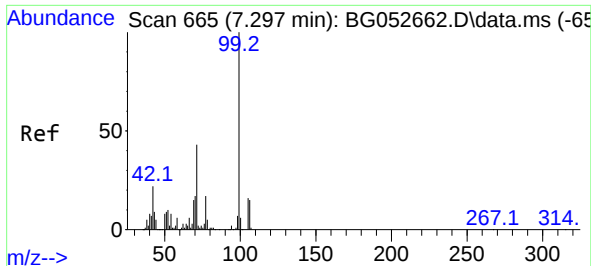
Tgt Ion:152 Resp: 37073
Ion Ratio Lower Upper
152 100
150 144.0 114.6 172.0
115 54.5 45.9 68.9



#5
2-Fluorophenol
Concen: 0.258 ng
RT: 5.691 min Scan# 392
Delta R.T. 0.007 min
Lab File: BG053072.D
Acq: 7 Apr 2022 13:54

Tgt Ion:112 Resp: 550
Ion Ratio Lower Upper
112 100
64 84.3 48.0 72.0#
63 42.8 26.5 39.7#

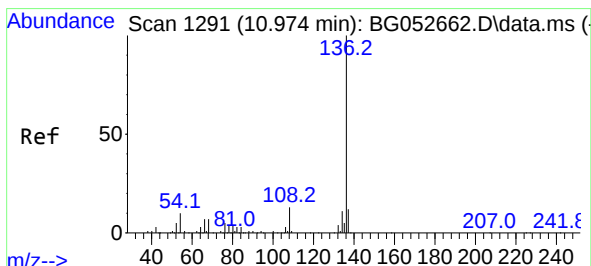
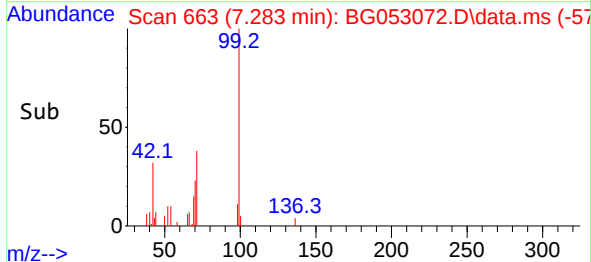
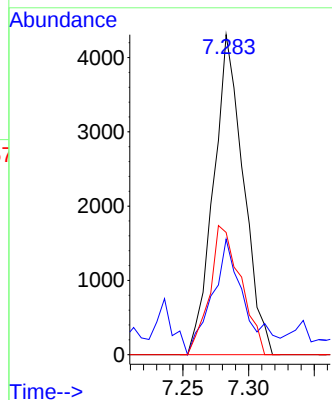
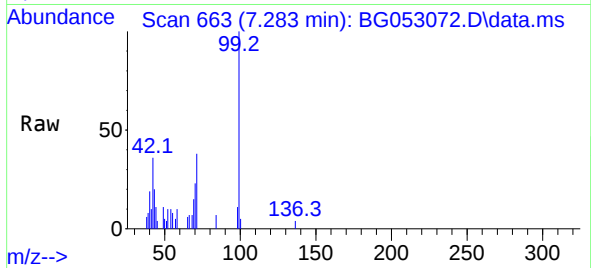




#7
Phenol-d6
Concen: 2.126 ng
RT: 7.283 min Scan# 60
Delta R.T. 0.001 min
Lab File: BG053072.D
Acq: 7 Apr 2022 13:54

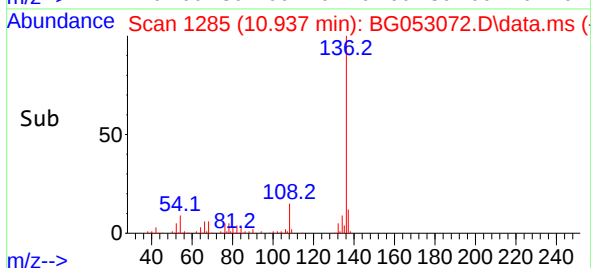
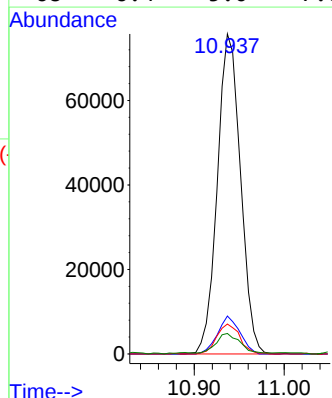
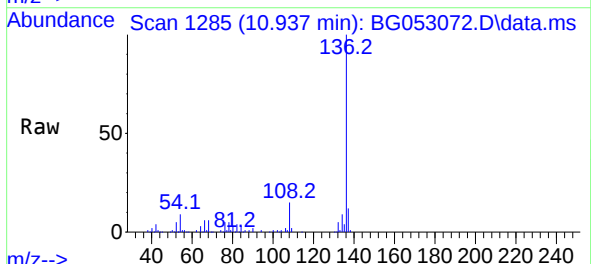
Instrument :
BNA_G
ClientSampleId :
SPLP-LEACHATE-AMENDED-096-21-01RE

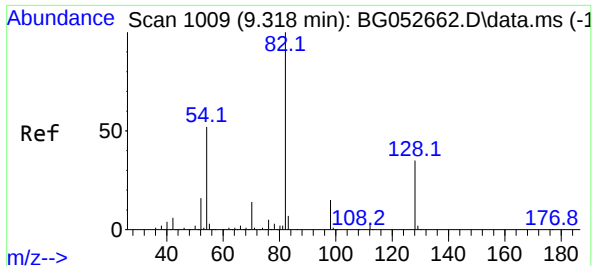
Tgt Ion: 99 Resp: 6823
Ion Ratio Lower Upper
99 100
42 36.1 14.7 22.1#
71 38.2 29.2 43.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.937 min Scan# 1285
Delta R.T. -0.005 min
Lab File: BG053072.D
Acq: 7 Apr 2022 13:54

Tgt Ion: 136 Resp: 135527
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.2
54 9.4 6.4 9.6
68 6.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 99.093 ng

RT: 9.286 min Scan# 1004

Delta R.T. -0.005 min

Lab File: BG053072.D

Acq: 7 Apr 2022 13:54

Instrument :

BNA_G

ClientSampleId :

SPLP-LEACHATE-AMENDED-096-21-01RE

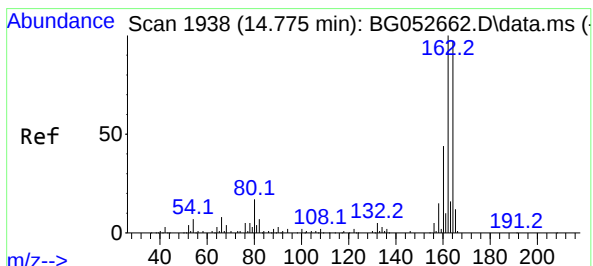
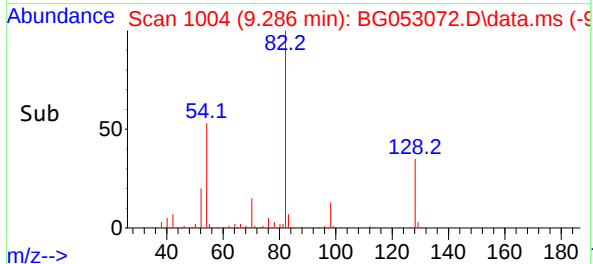
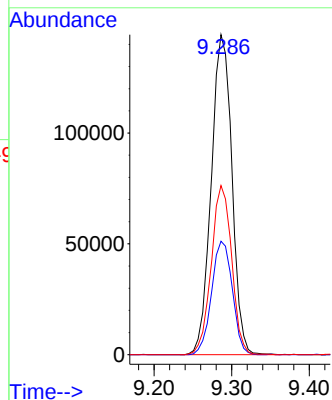
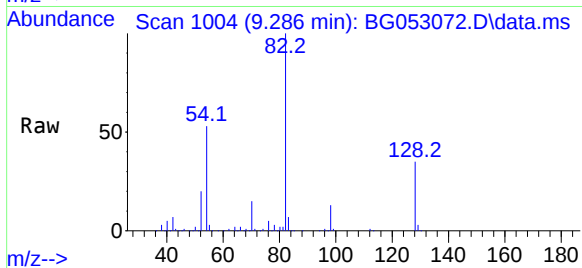
Tgt Ion: 82 Resp: 267578

Ion Ratio Lower Upper

82 100

128 35.4 31.3 46.9

54 52.8 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.749 min Scan# 1934

Delta R.T. 0.001 min

Lab File: BG053072.D

Acq: 7 Apr 2022 13:54

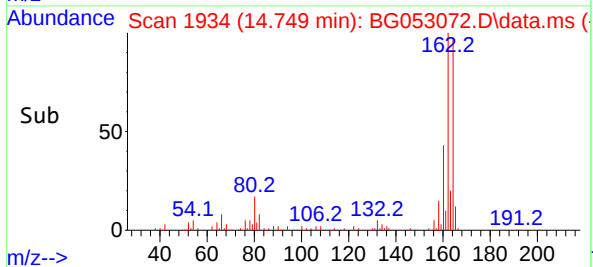
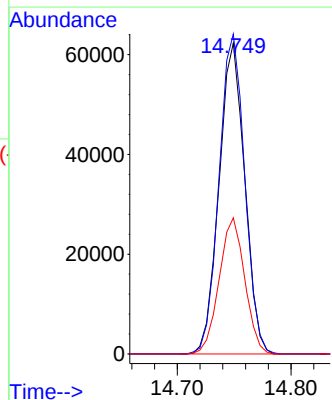
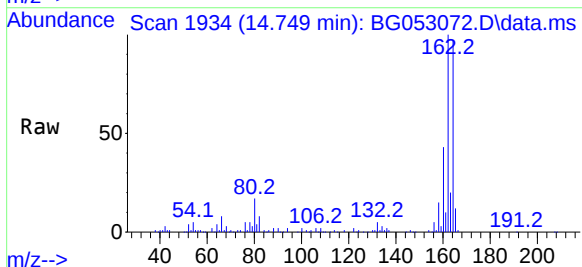
Tgt Ion: 164 Resp: 97667

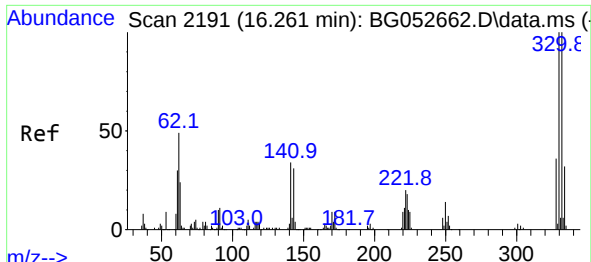
Ion Ratio Lower Upper

164 100

162 103.0 80.0 120.0

160 43.8 38.8 58.2

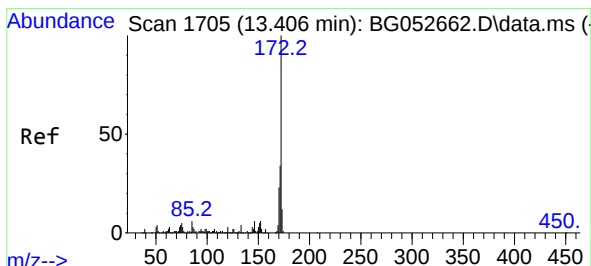
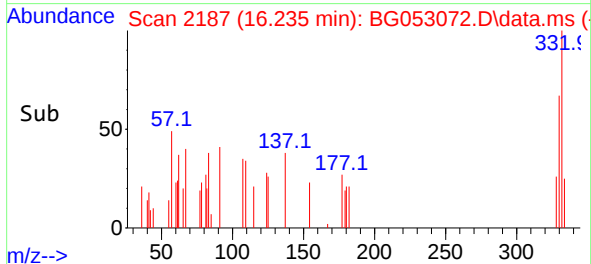
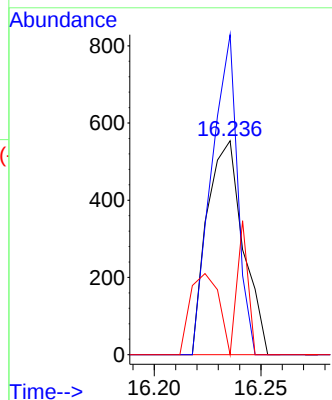
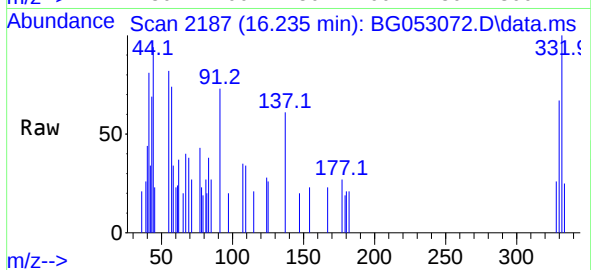




#42
2,4,6-Tribromophenol
Concen: 0.495 ng
RT: 16.235 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053072.D
Acq: 7 Apr 2022 13:54

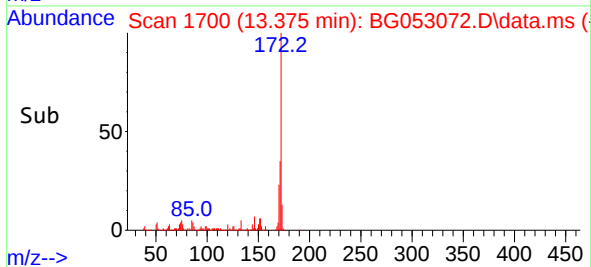
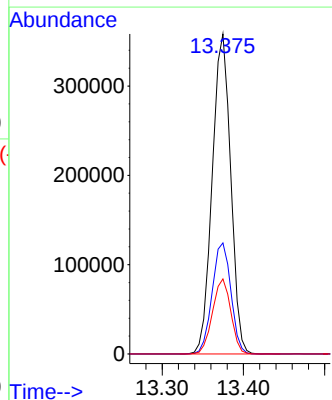
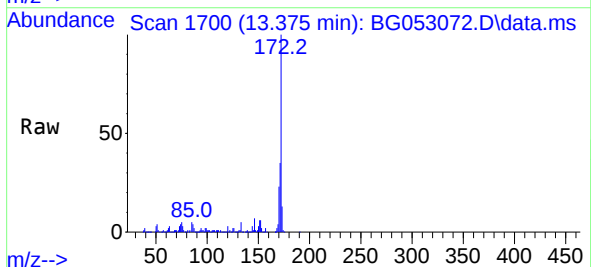
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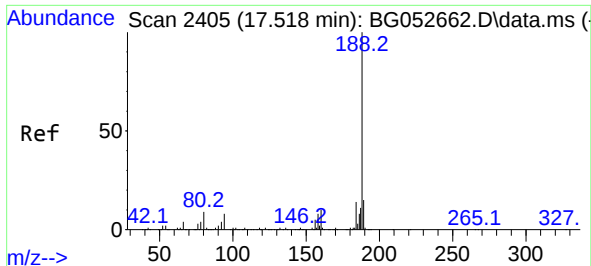
Tgt Ion:330 Resp: 650
Ion Ratio Lower Upper
330 100
332 107.7 75.8 113.6
141 18.8 24.6 36.8#



#45
2-Fluorobiphenyl
Concen: 85.195 ng
RT: 13.375 min Scan# 1700
Delta R.T. 0.001 min
Lab File: BG053072.D
Acq: 7 Apr 2022 13:54

Tgt Ion:172 Resp: 564174
Ion Ratio Lower Upper
172 100
171 34.7 28.3 42.5
170 23.5 18.0 27.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.493 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG053072.D
Acq: 7 Apr 2022 13:54

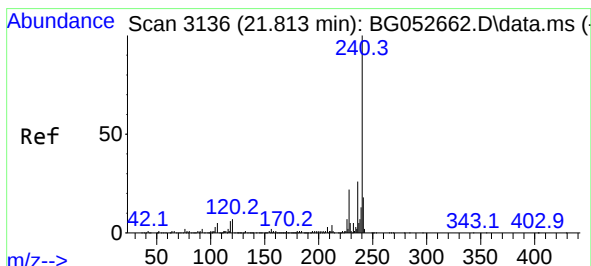
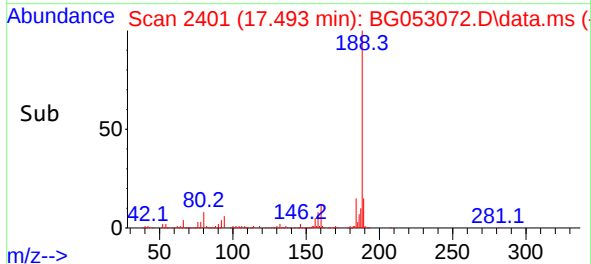
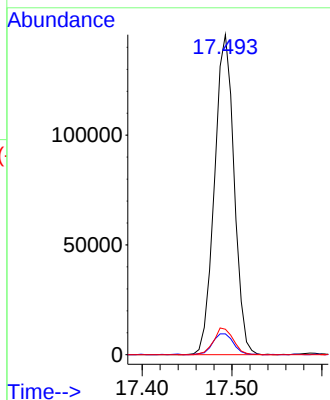
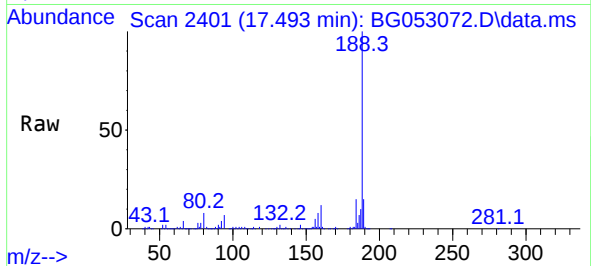
Instrument :

BNA_G

ClientSampleId :

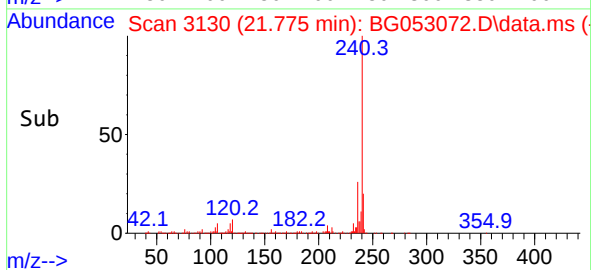
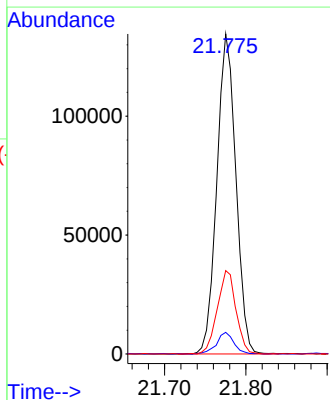
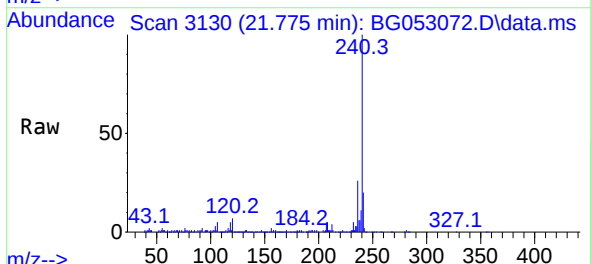
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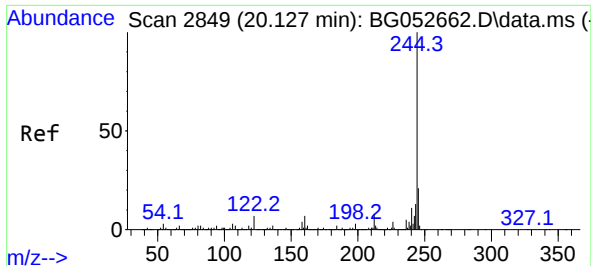
Tgt Ion:188 Resp: 220452
Ion Ratio Lower Upper
188 100
94 6.5 5.7 8.5
80 7.9 7.2 10.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.775 min Scan# 3130
Delta R.T. -0.005 min
Lab File: BG053072.D
Acq: 7 Apr 2022 13:54

Tgt Ion:240 Resp: 219182
Ion Ratio Lower Upper
240 100
120 6.7 5.4 8.0
236 26.0 19.8 29.6

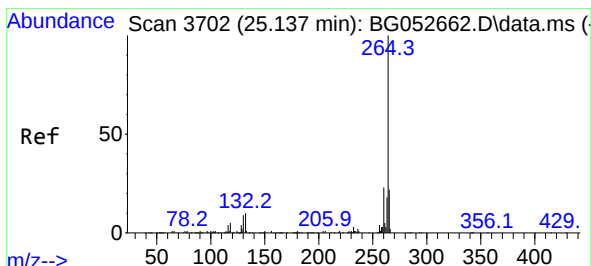
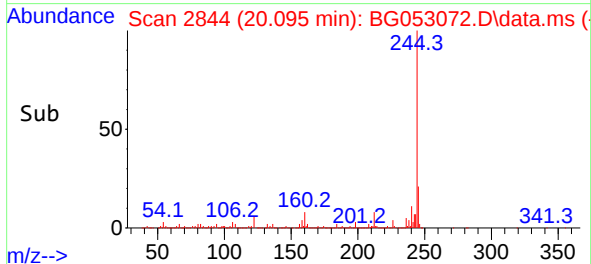
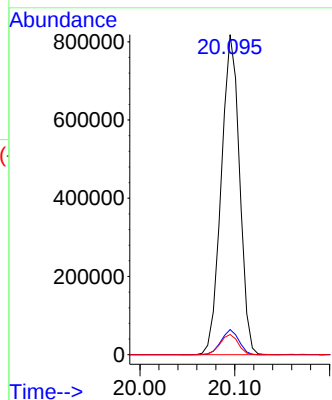
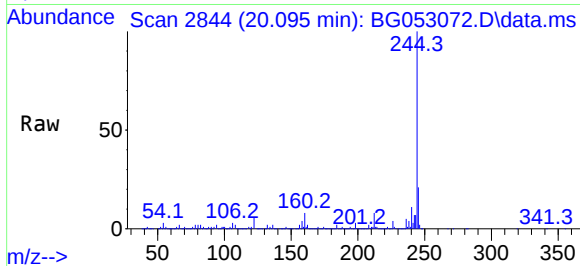




#79
 Terphenyl-d14
 Concen: 89.085 ng
 RT: 20.095 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053072.D
 Acq: 7 Apr 2022 13:54

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Tgt Ion:244 Resp: 1097671
 Ion Ratio Lower Upper
 244 100
 212 7.9 5.4 8.2
 122 6.3 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.082 min Scan# 3693
 Delta R.T. 0.001 min
 Lab File: BG053072.D
 Acq: 7 Apr 2022 13:54

Tgt Ion:264 Resp: 223554
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.2 27.2
 265 21.6 15.1 22.7

