

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040422\
 Data File : BG053013.D
 Acq On : 4 Apr 2022 18:25
 Operator : CG/JU
 Sample : N2207-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20220340-096-21-01

Quant Time: Apr 05 01:07:27 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	8.128	152	35306	20.000	ng	-0.02
21) Naphthalene-d8	10.936	136	136521	20.000	ng	#-0.02
39) Acenaphthene-d10	14.749	164	95548	20.000	ng	-0.02
64) Phenanthrene-d10	17.486	188	223626	20.000	ng	-0.02
76) Chrysene-d12	21.774	240	241080	20.000	ng	#-0.02
86) Perylene-d12	25.070	264	248698	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.690	112	220404	108.717	ng	0.00
7) Phenol-d6	7.276	99	315207	103.130	ng	-0.01
23) Nitrobenzene-d5	9.285	82	229414	84.341	ng	-0.02
42) 2,4,6-Tribromophenol	16.229	330	151725	118.174	ng	-0.02
45) 2-Fluorobiphenyl	13.374	172	476590	73.565	ng	-0.02
79) Terphenyl-d14	20.094	244	877581	64.754	ng	-0.02

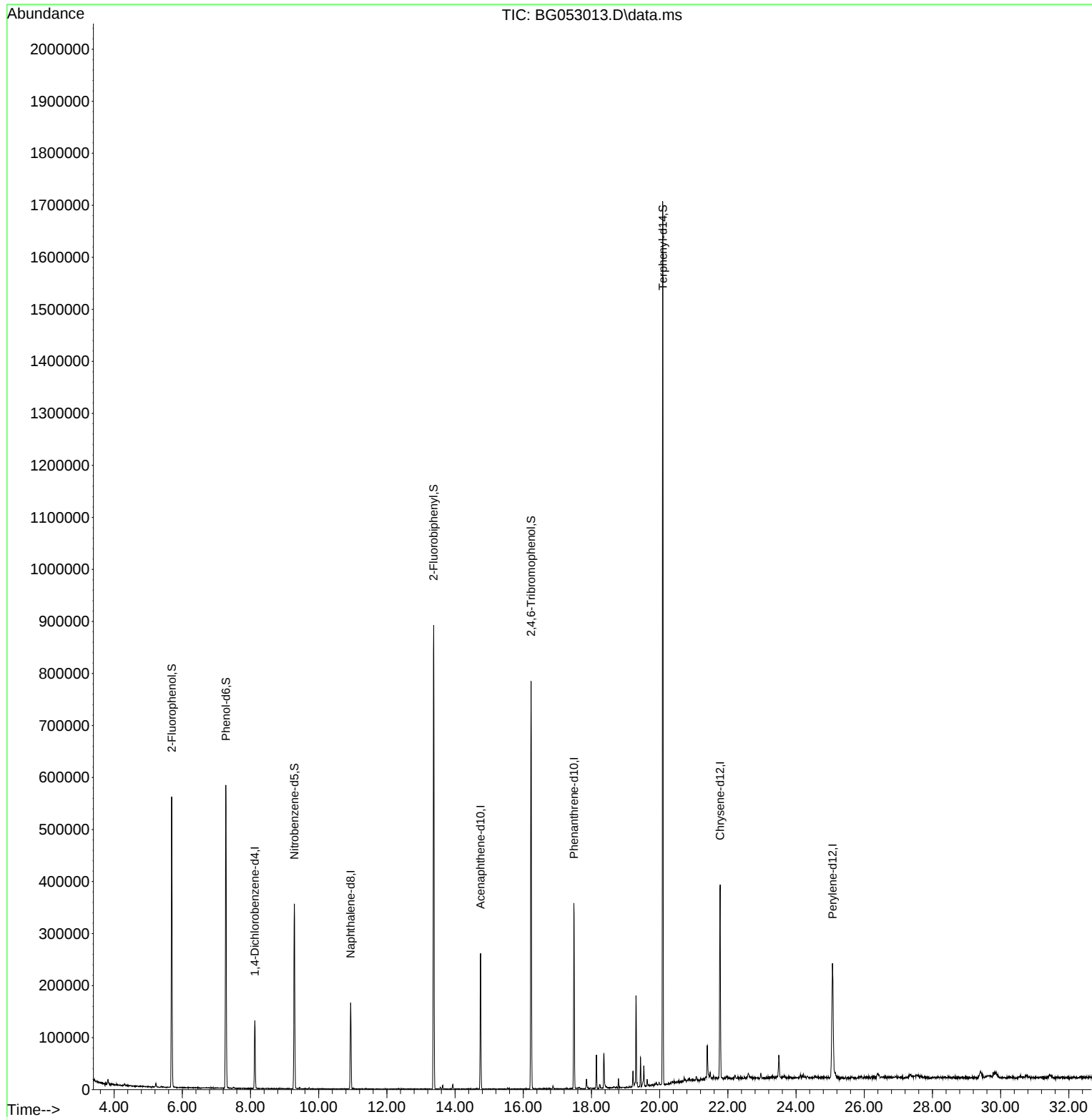
Target Compounds	Qvalue

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

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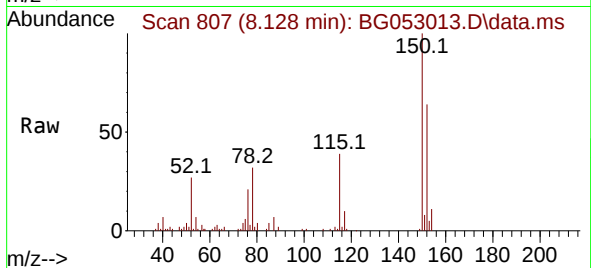
Quant Time: Apr 05 01:07:27 2022
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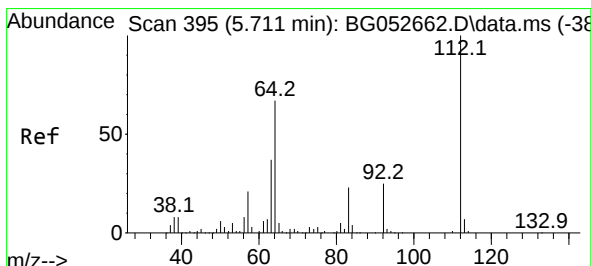
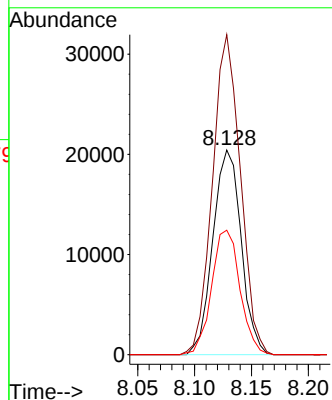
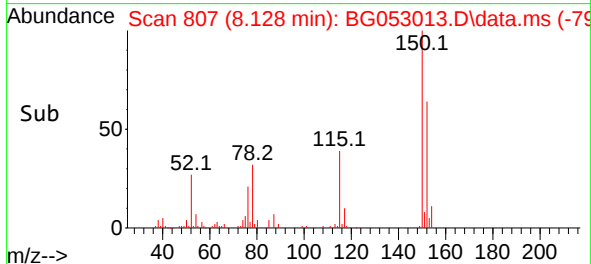


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.128 min Scan# 80
Delta R.T. -0.018 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

Instrument :
BNA_G
ClientSampleId :
20220340-096-21-01

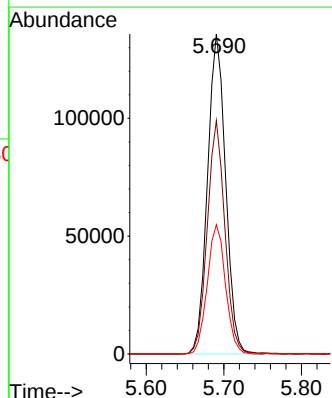
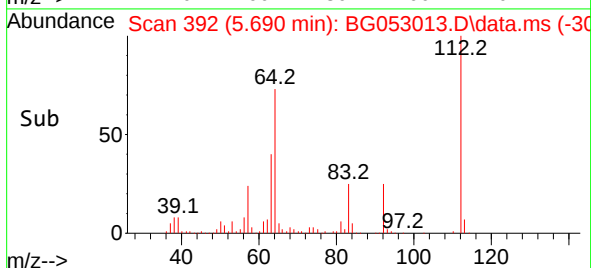
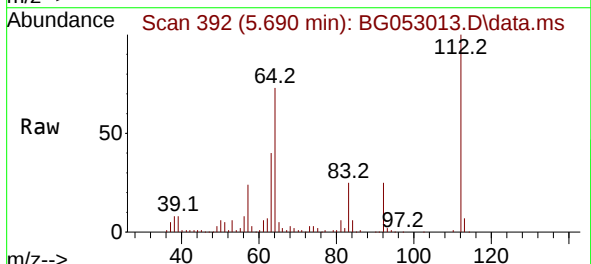


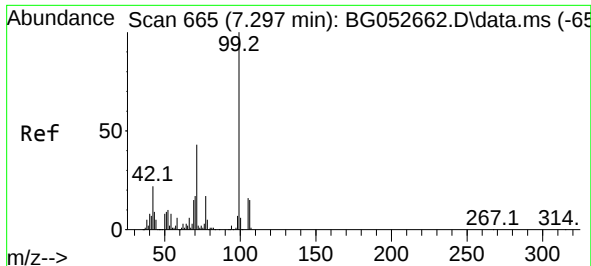
Tgt Ion:152 Resp: 35306
Ion Ratio Lower Upper
152 100
150 156.4 114.6 172.0
115 60.9 45.9 68.9



#5
2-Fluorophenol
Concen: 108.717 ng
RT: 5.690 min Scan# 392
Delta R.T. -0.006 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

Tgt Ion:112 Resp: 220404
Ion Ratio Lower Upper
112 100
64 72.9 48.0 72.0#
63 40.4 26.5 39.7#

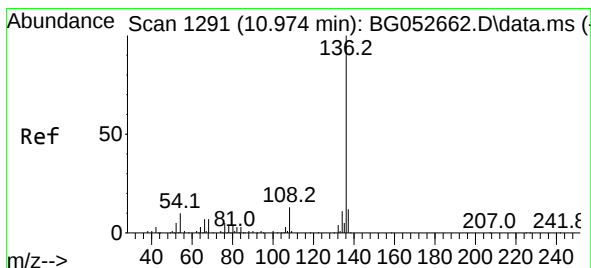
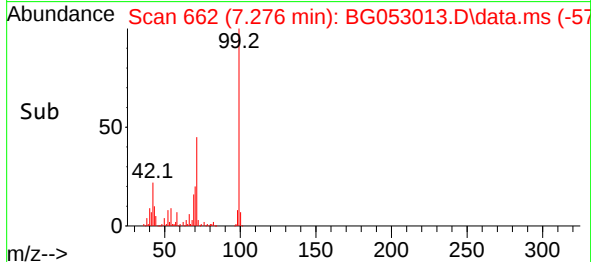
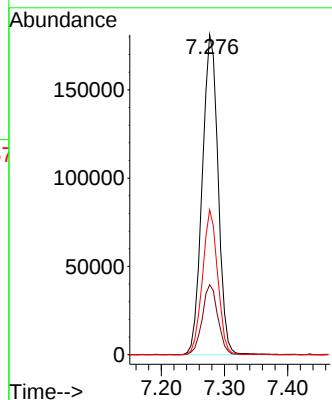
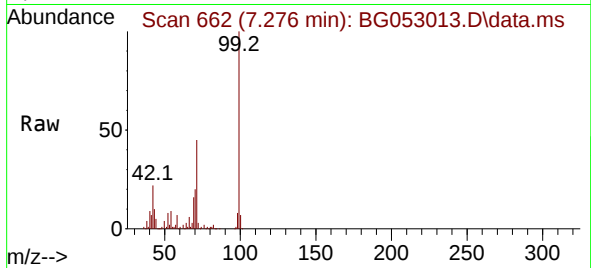




#7
Phenol-d6
Concen: 103.130 ng
RT: 7.276 min Scan# 60
Delta R.T. -0.012 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

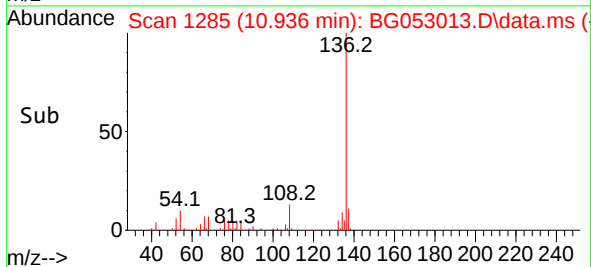
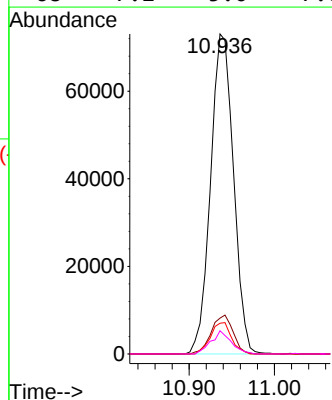
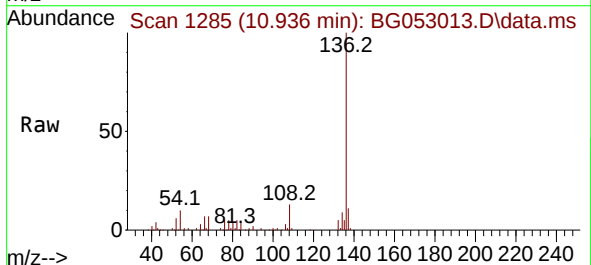
Instrument :
BNA_G
ClientSampleId :
20220340-096-21-01

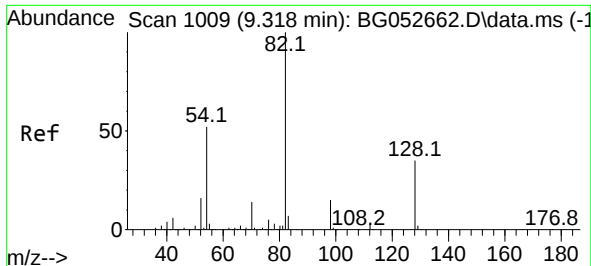
Tgt Ion: 99 Resp: 315207
Ion Ratio Lower Upper
99 100
42 21.8 14.7 22.1
71 45.2 29.2 43.8#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.936 min Scan# 1285
Delta R.T. -0.024 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

Tgt Ion: 136 Resp: 136521
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.2
54 9.6 6.4 9.6#
68 7.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 84.341 ng

RT: 9.285 min Scan# 1004

Delta R.T. -0.018 min

Lab File: BG053013.D

Acq: 4 Apr 2022 18:25

Instrument :

BNA_G

ClientSampleId :

20220340-096-21-01

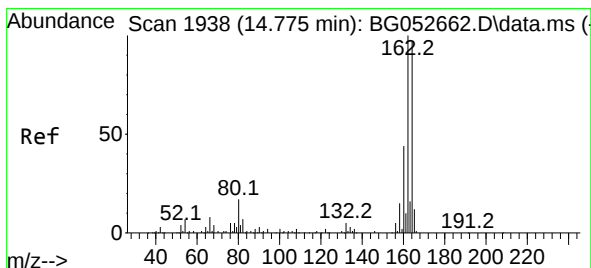
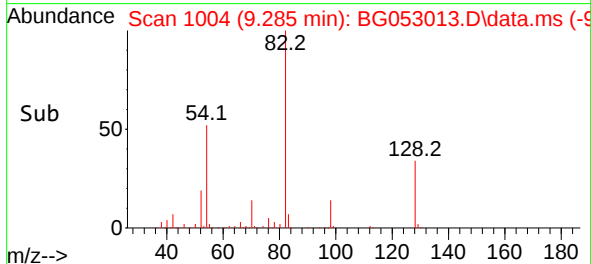
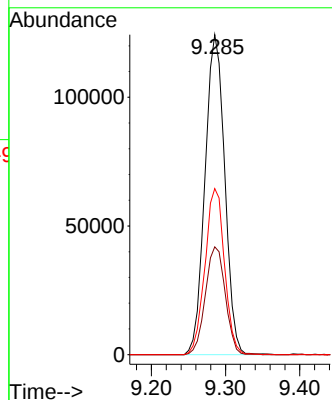
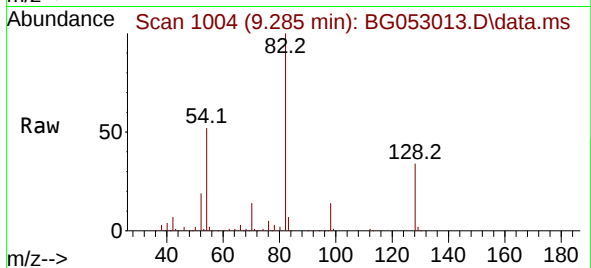
Tgt Ion: 82 Resp: 229414

Ion Ratio Lower Upper

82 100

128 33.7 31.3 46.9

54 51.9 37.8 56.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.749 min Scan# 1934

Delta R.T. -0.018 min

Lab File: BG053013.D

Acq: 4 Apr 2022 18:25

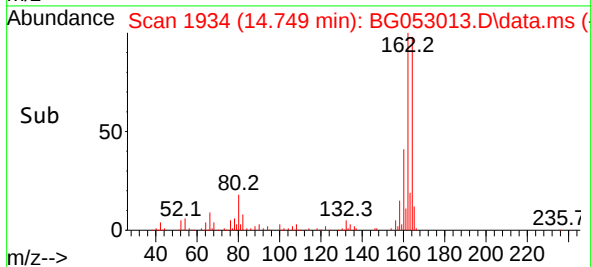
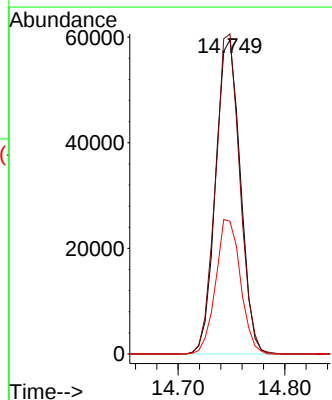
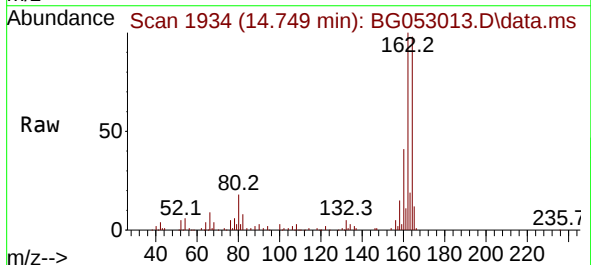
Tgt Ion: 164 Resp: 95548

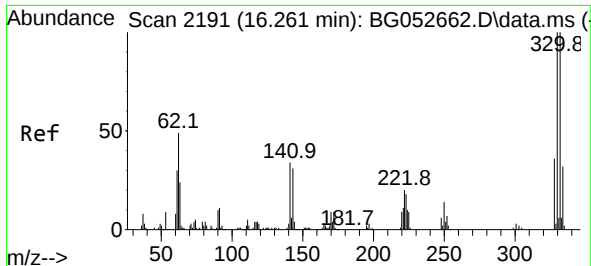
Ion Ratio Lower Upper

164 100

162 101.9 80.0 120.0

160 42.2 38.8 58.2

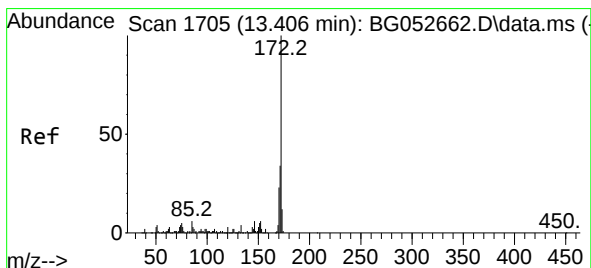
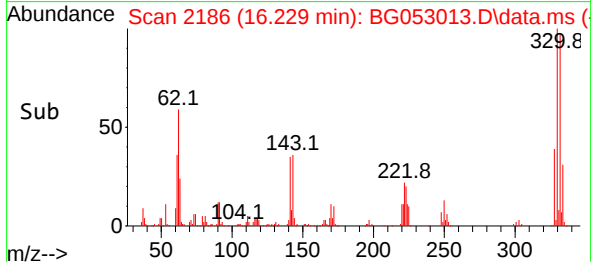
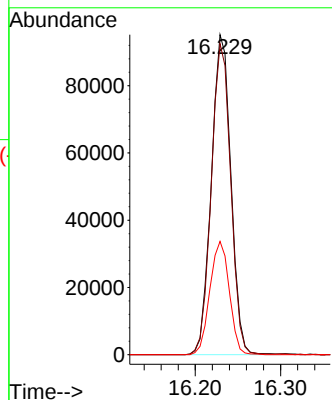
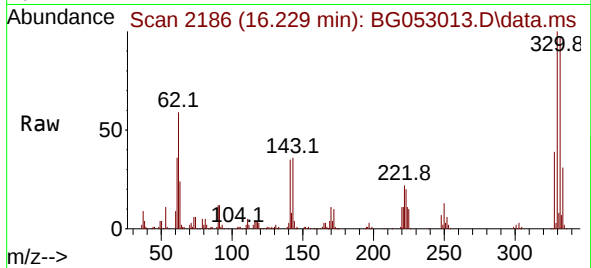




#42
2,4,6-Tribromophenol
Concen: 118.174 ng
RT: 16.229 min Scan# 2191
Delta R.T. -0.018 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

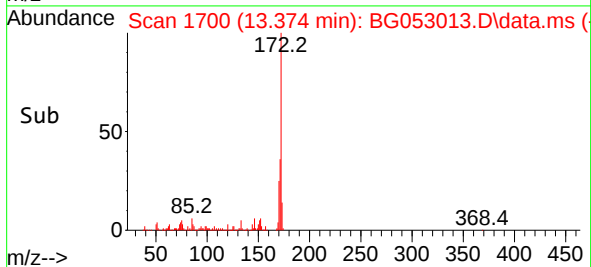
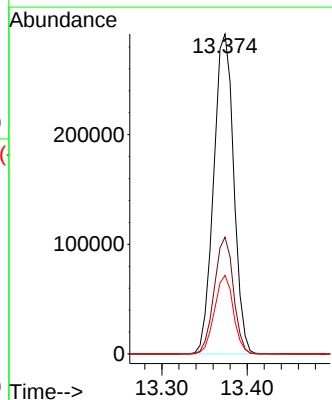
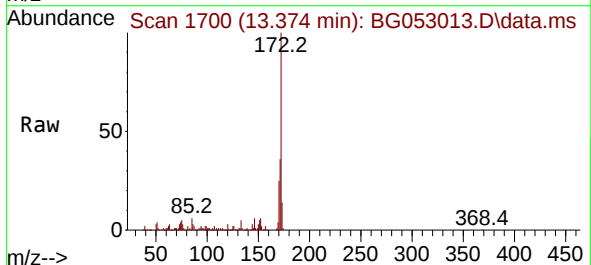
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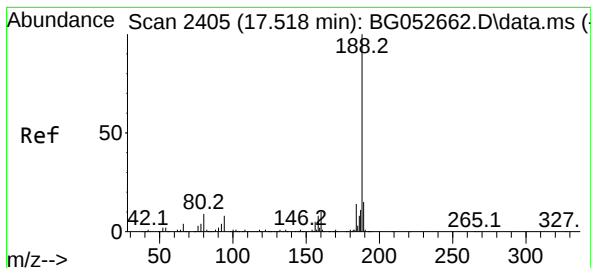
Tgt Ion:330 Resp: 151725
Ion Ratio Lower Upper
330 100
332 96.4 75.8 113.6
141 35.1 24.6 36.8



#45
2-Fluorobiphenyl
Concen: 73.565 ng
RT: 13.374 min Scan# 1700
Delta R.T. -0.018 min
Lab File: BG053013.D
Acq: 4 Apr 2022 18:25

Tgt Ion:172 Resp: 476590
Ion Ratio Lower Upper
172 100
171 36.5 28.3 42.5
170 24.6 18.0 27.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.486 min Scan# 2405

Delta R.T. -0.018 min

Lab File: BG053013.D

Acq: 4 Apr 2022 18:25

Instrument :

BNA_G

ClientSampleId :

20220340-096-21-01

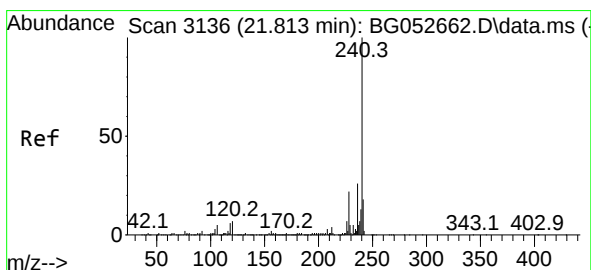
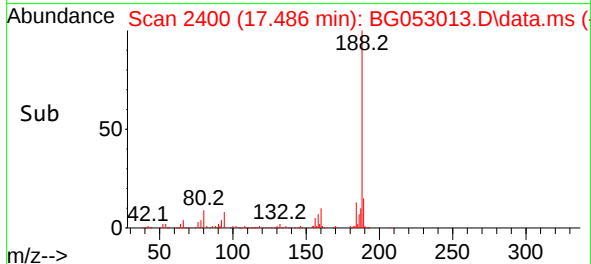
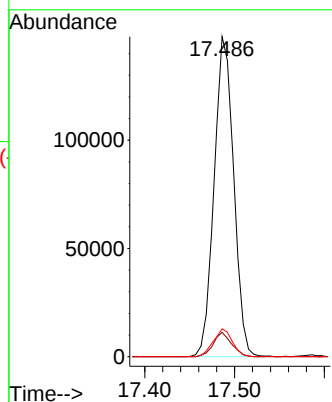
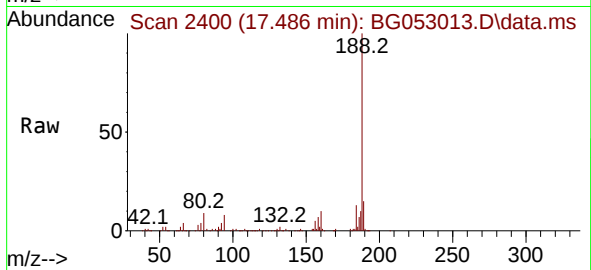
Tgt Ion:188 Resp: 223626

Ion Ratio Lower Upper

188 100

94 7.6 5.7 8.5

80 8.7 7.2 10.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.774 min Scan# 3130

Delta R.T. -0.024 min

Lab File: BG053013.D

Acq: 4 Apr 2022 18:25

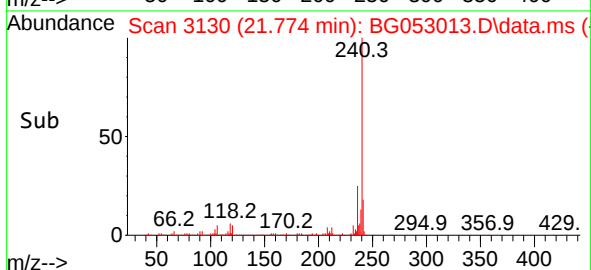
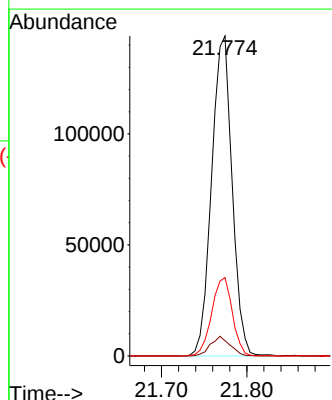
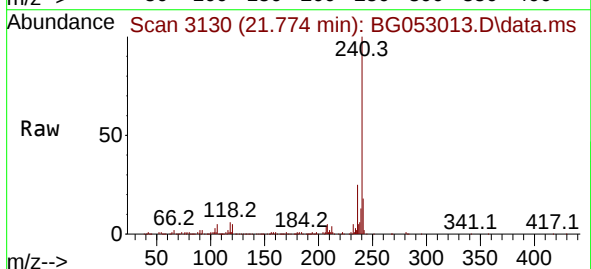
Tgt Ion:240 Resp: 241080

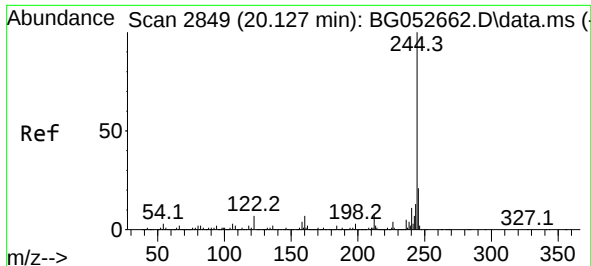
Ion Ratio Lower Upper

240 100

120 4.8 5.4 8.0#

236 24.5 19.8 29.6

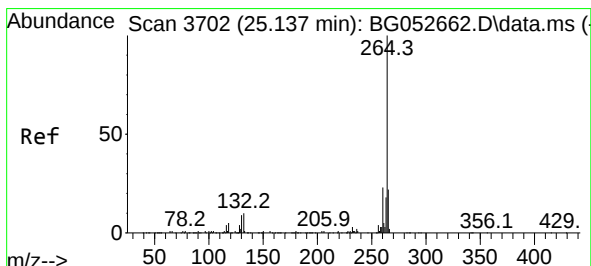
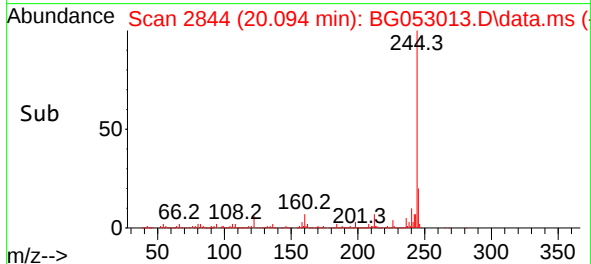
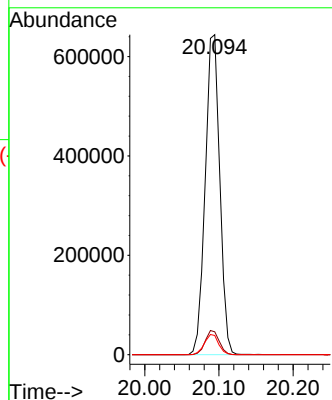
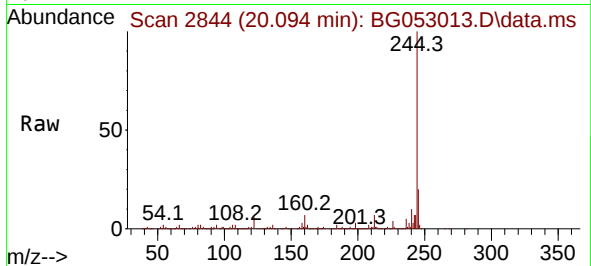




#79
 Terphenyl-d14
 Concen: 64.754 ng
 RT: 20.094 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BG053013.D
 Acq: 4 Apr 2022 18:25

Instrument :
 BNA_G
 ClientSampleId :
 20220340-096-21-01

Tgt Ion:244 Resp: 877581
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 6.0 5.8 8.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.070 min Scan# 3691
 Delta R.T. -0.041 min
 Lab File: BG053013.D
 Acq: 4 Apr 2022 18:25

Tgt Ion:264 Resp: 248698
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.2 27.2
 265 22.4 15.1 22.7

