

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG071222\
 Data File : BG054258.D
 Acq On : 12 Jul 2022 16:11
 Operator : CG/JU
 Sample : PB146157BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB146157BL

Quant Time: Jul 13 01:36:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 12 15:49:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.038	152	18395	20.000	ng	# 0.00
21) Naphthalene-d8	10.846	136	73659	20.000	ng	# 0.00
39) Acenaphthene-d10	14.671	164	59310	20.000	ng	0.00
64) Phenanthrene-d10	17.415	188	173773	20.000	ng	# 0.00
76) Chrysene-d12	21.686	240	236151	20.000	ng	# 0.00
86) Perylene-d12	24.924	264	234753	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.611	112	104891	114.562	ng	0.00
7) Phenol-d6	7.209	99	141009	111.662	ng	0.00
23) Nitrobenzene-d5	9.201	82	96018	70.739	ng	0.00
42) 2,4,6-Tribromophenol	16.157	330	148726	129.452	ng	0.00
45) 2-Fluorobiphenyl	13.296	172	318600	78.930	ng	0.00
79) Terphenyl-d14	20.024	244	996162	86.745	ng	0.00

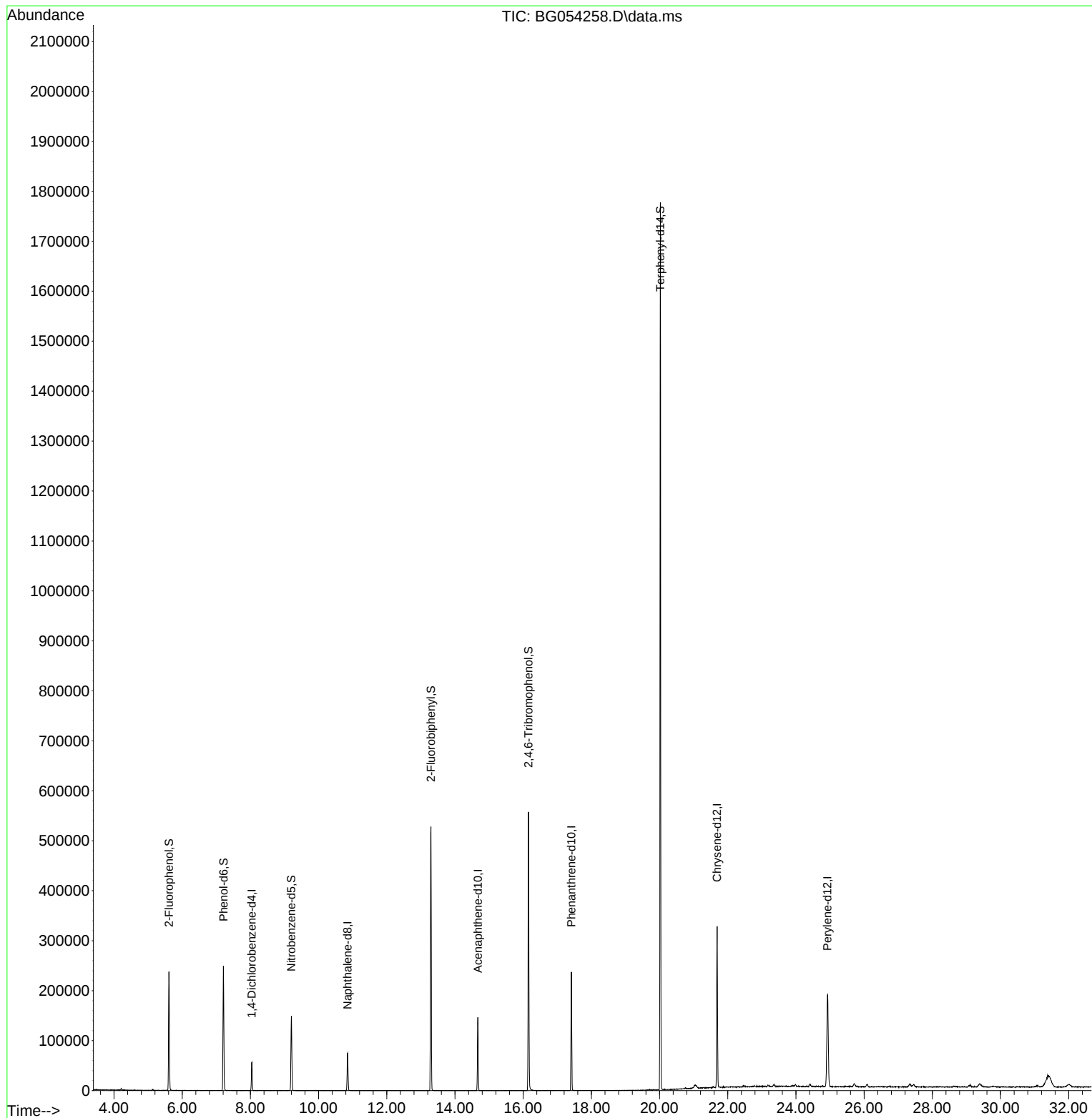
Target Compounds	Qvalue

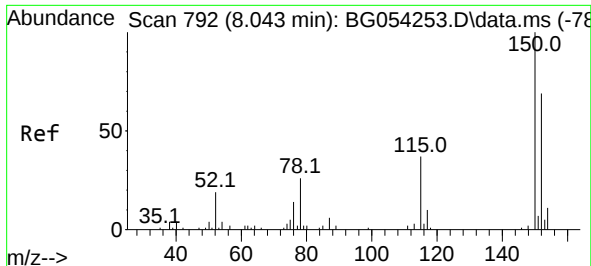
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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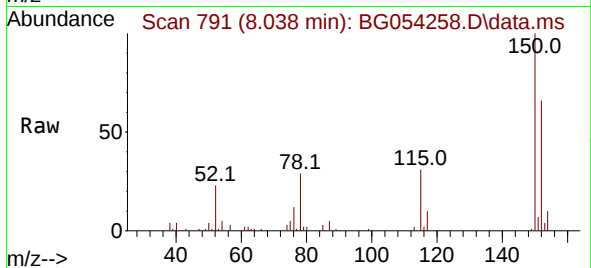
Quant Time: Jul 13 01:36:05 2022
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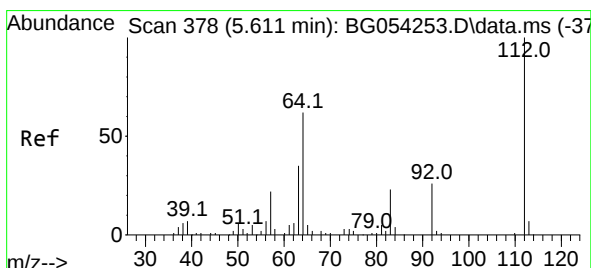
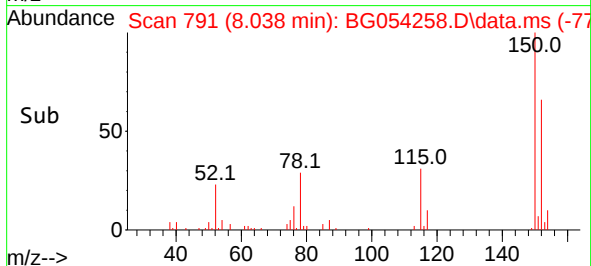
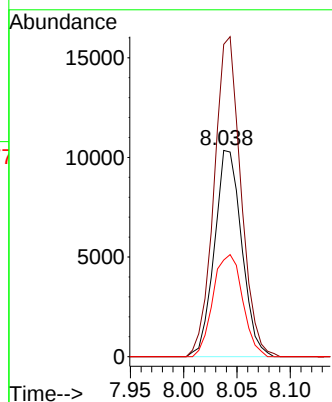


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.038 min Scan# 791
Delta R.T. -0.005 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Instrument :
BNA_G
ClientSampleId :
PB146157BL

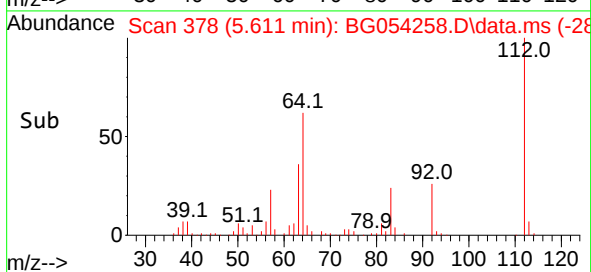
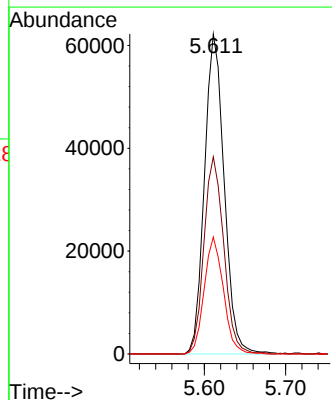
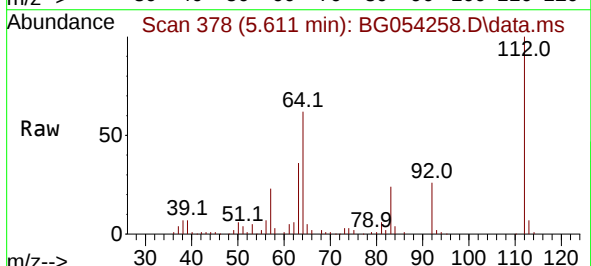


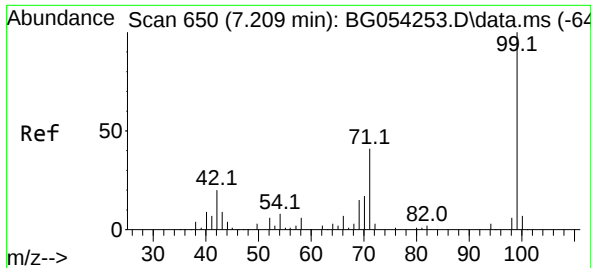
Tgt Ion:152 Resp: 18395
Ion Ratio Lower Upper
152 100
150 151.4 131.6 197.4
115 46.8 50.9 76.3#



#5
2-Fluorophenol
Concen: 114.562 ng
RT: 5.611 min Scan# 378
Delta R.T. 0.000 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Tgt Ion:112 Resp: 104891
Ion Ratio Lower Upper
112 100
64 61.6 55.1 82.7
63 36.5 30.4 45.6

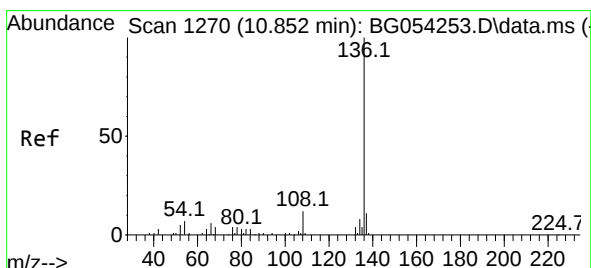
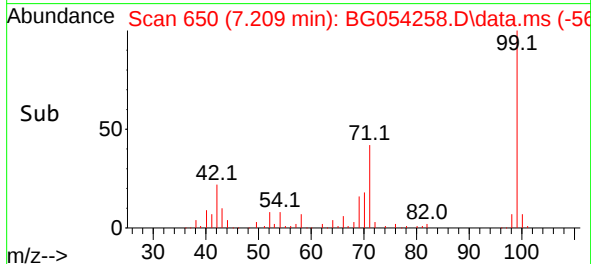
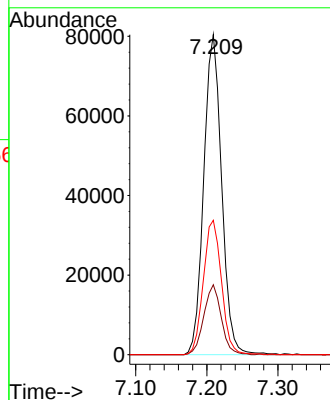
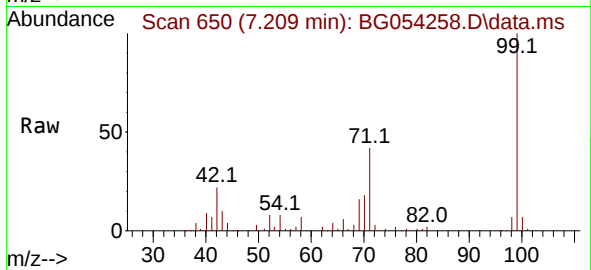




#7
Phenol-d6
Concen: 111.662 ng
RT: 7.209 min Scan# 611
Delta R.T. 0.000 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

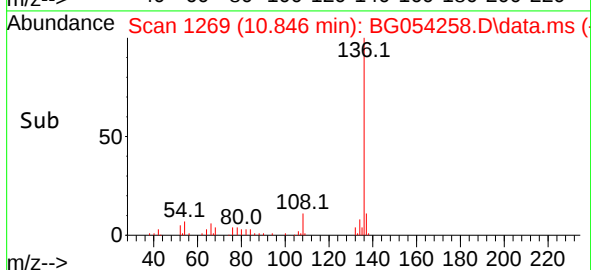
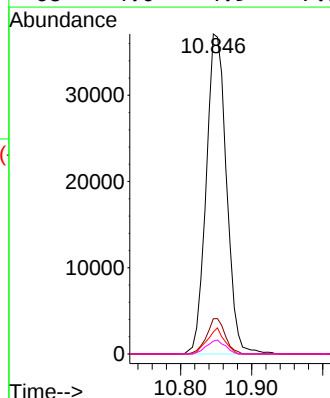
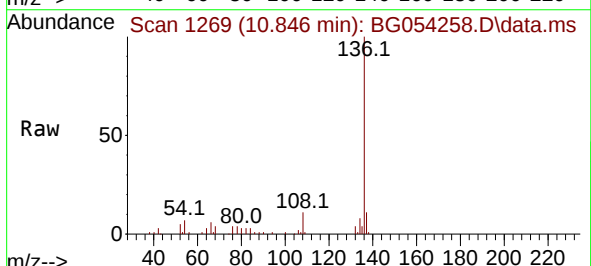
Instrument :
BNA_G
ClientSampleId :
PB146157BL

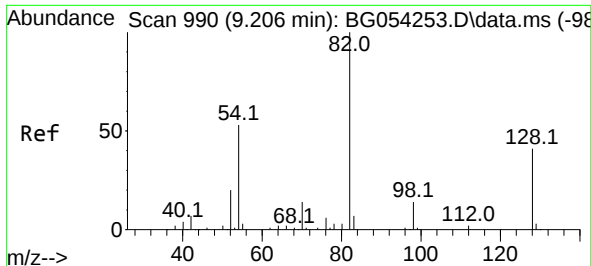
Tgt Ion: 99 Resp: 141009
Ion Ratio Lower Upper
99 100
42 21.8 17.0 25.6
71 42.0 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.846 min Scan# 1269
Delta R.T. -0.006 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Tgt Ion: 136 Resp: 73659
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 6.9 7.4 11.2#
68 4.0 4.9 7.3#

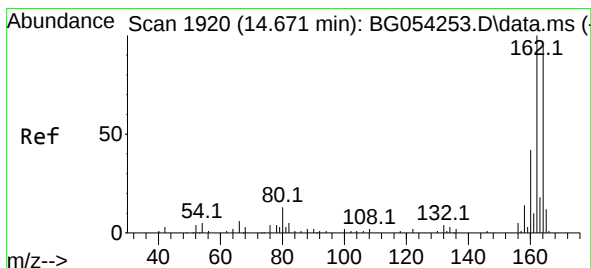
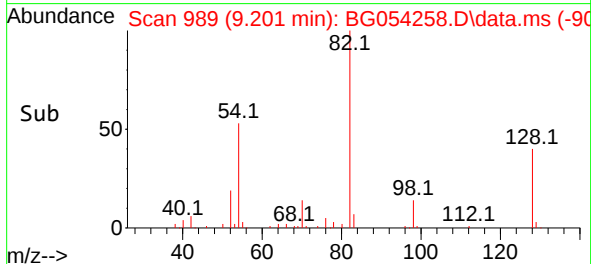
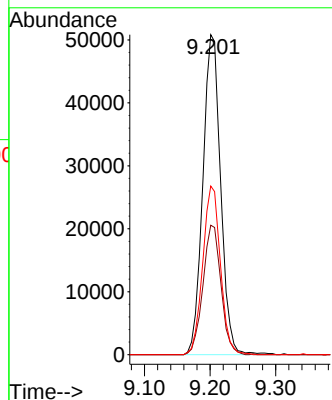
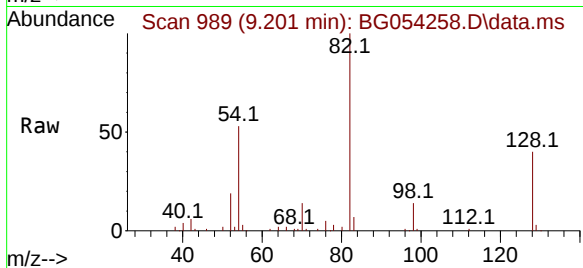




#23
Nitrobenzene-d5
Concen: 70.739 ng
RT: 9.201 min Scan# 91
Delta R.T. -0.006 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

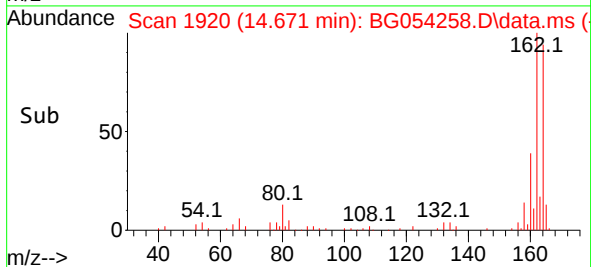
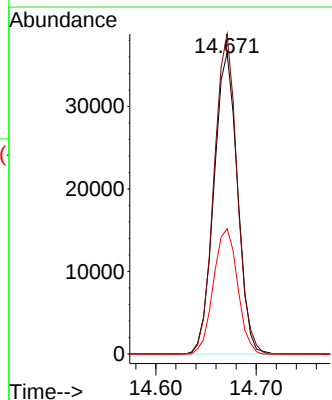
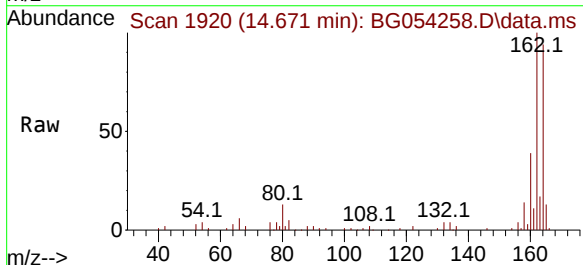
Instrument :
BNA_G
ClientSampleId :
PB146157BL

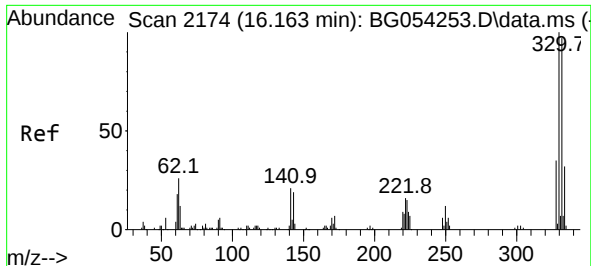
Tgt Ion: 82 Resp: 96018
Ion Ratio Lower Upper
82 100
128 40.4 27.9 41.9
54 52.7 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.671 min Scan# 1920
Delta R.T. -0.000 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

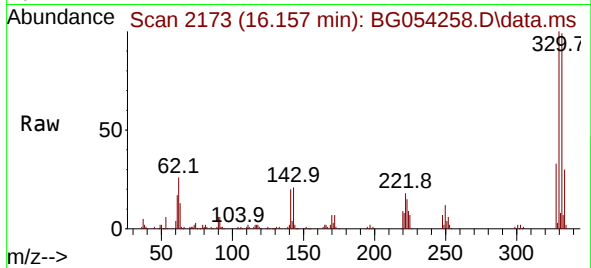
Tgt Ion:164 Resp: 59310
Ion Ratio Lower Upper
164 100
162 106.3 82.3 123.5
160 41.6 34.2 51.2



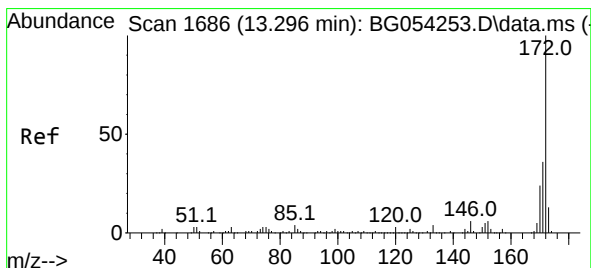
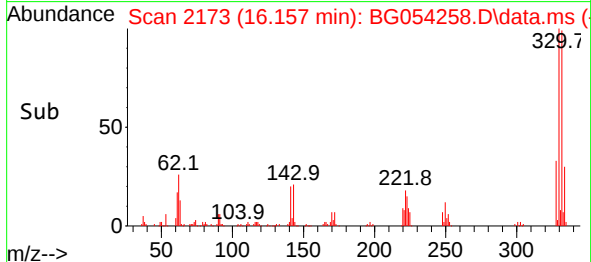
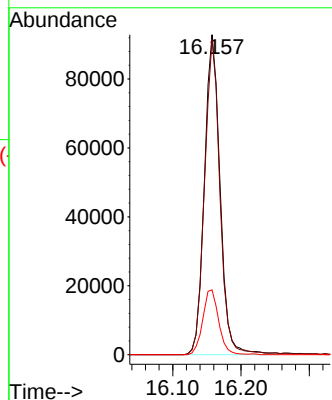


#42
2,4,6-Tribromophenol
Concen: 129.452 ng
RT: 16.157 min Scan# 2173
Delta R.T. -0.006 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Instrument :
BNA_G
ClientSampleId :
PB146157BL

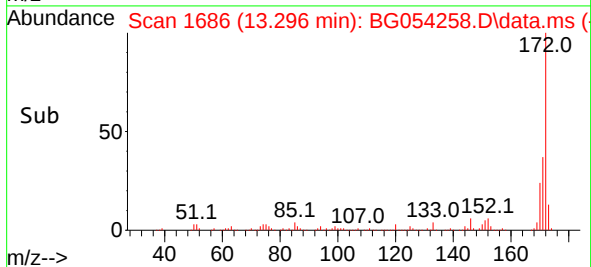
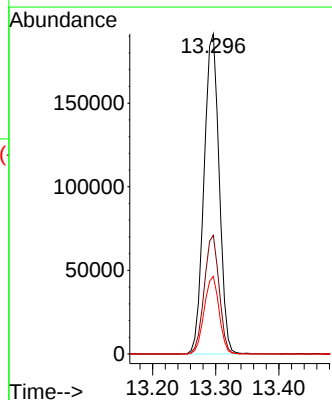
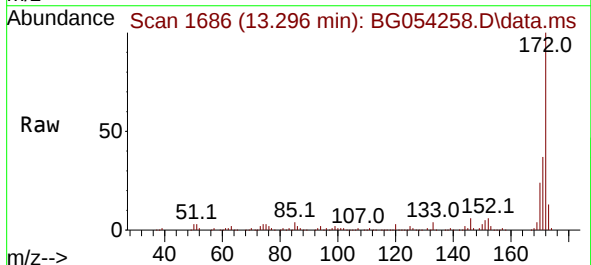


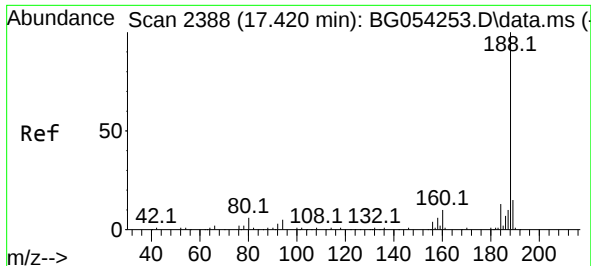
Tgt Ion:330 Resp: 148726
Ion Ratio Lower Upper
330 100
332 96.8 76.0 114.0
141 20.7 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 78.930 ng
RT: 13.296 min Scan# 1686
Delta R.T. 0.000 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Tgt Ion:172 Resp: 318600
Ion Ratio Lower Upper
172 100
171 37.1 28.5 42.7
170 24.2 18.9 28.3

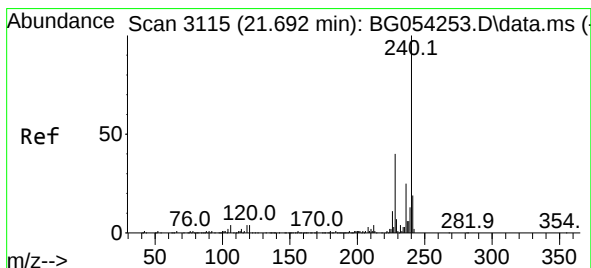
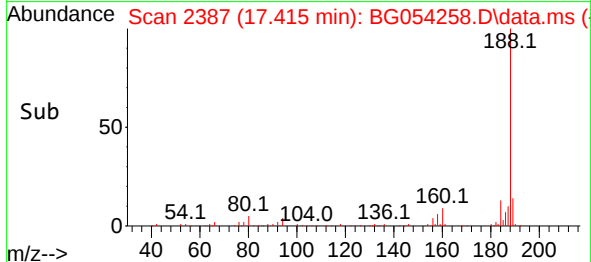
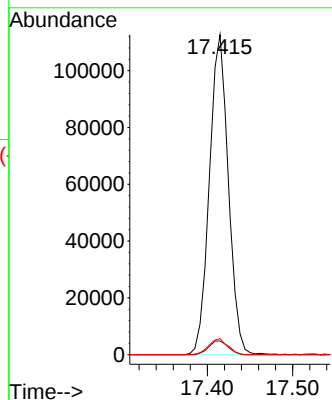
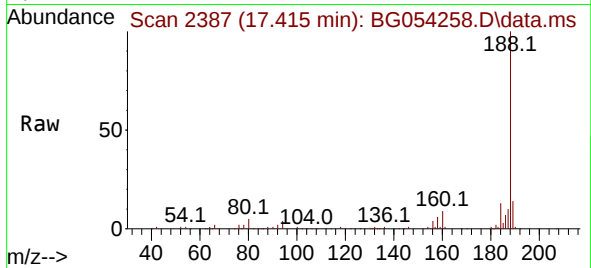




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.415 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

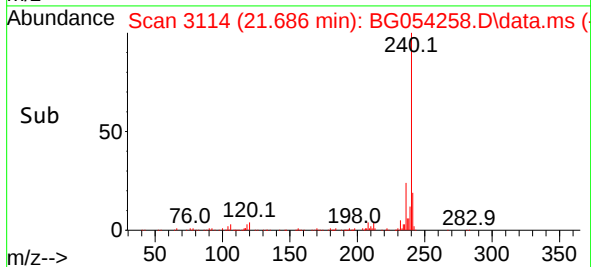
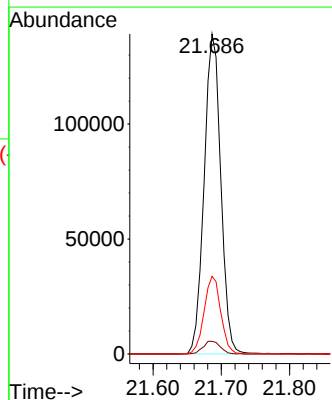
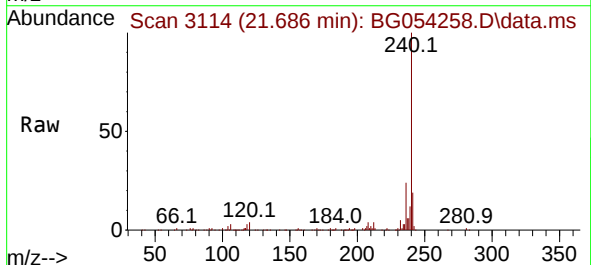
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ClientSampleId :
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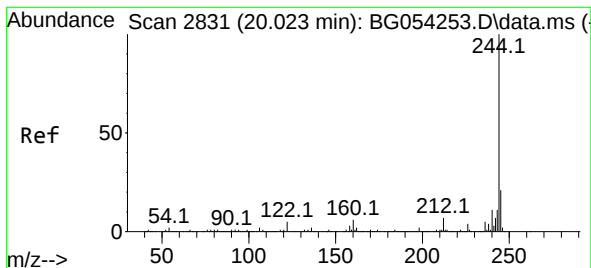
Tgt Ion:188 Resp: 173773
Ion Ratio Lower Upper
188 100
94 4.2 5.4 8.0#
80 5.0 6.8 10.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.686 min Scan# 3114
Delta R.T. -0.006 min
Lab File: BG054258.D
Acq: 12 Jul 2022 16:11

Tgt Ion:240 Resp: 236151
Ion Ratio Lower Upper
240 100
120 4.0 4.6 7.0#
236 24.3 20.2 30.4





#79

Terphenyl-d14

Concen: 86.745 ng

RT: 20.024 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG054258.D

Acq: 12 Jul 2022 16:11

Instrument :

BNA_G

ClientSampleId :

PB146157BL

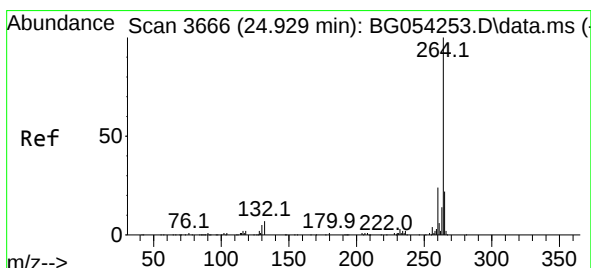
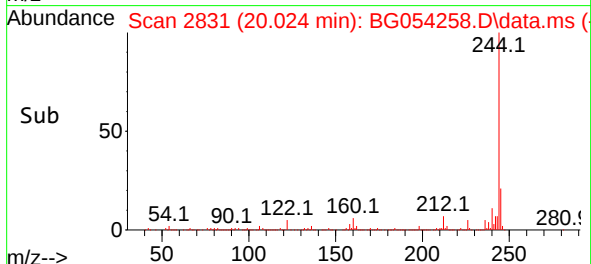
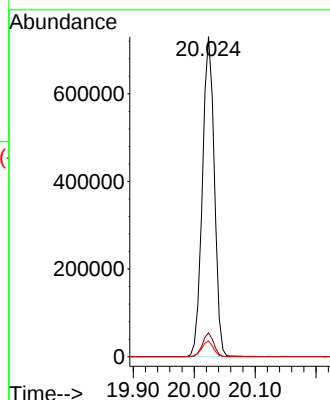
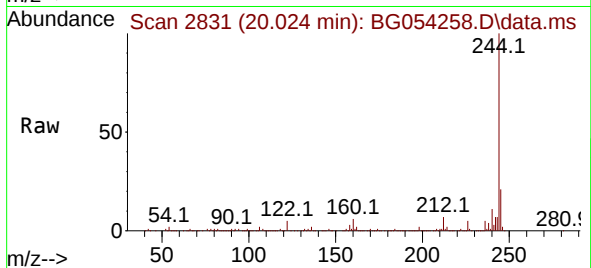
Tgt Ion:244 Resp: 996162

Ion Ratio Lower Upper

244 100

212 7.5 6.5 9.7

122 4.9 5.0 7.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.924 min Scan# 3665

Delta R.T. -0.005 min

Lab File: BG054258.D

Acq: 12 Jul 2022 16:11

Tgt Ion:264 Resp: 234753

Ion Ratio Lower Upper

264 100

260 22.9 19.0 28.6

265 22.1 17.4 26.2

