

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081122\
 Data File : BG054609.D
 Acq On : 11 Aug 2022 17:52
 Operator : CG/JU
 Sample : N4017-08
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB05

Quant Time: Aug 12 06:05:11 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 08 14:48:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.970	152	17321	20.000	ng	0.00
21) Naphthalene-d8	10.778	136	64932	20.000	ng	# 0.00
39) Acenaphthene-d10	14.609	164	52978	20.000	ng	0.00
64) Phenanthrene-d10	17.359	188	138656	20.000	ng	# 0.00
76) Chrysene-d12	21.624	240	160166	20.000	ng	# 0.00
86) Perylene-d12	24.826	264	166095	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	91119	109.835	ng	0.00
7) Phenol-d6	7.171	99	123001	108.204	ng	0.00
23) Nitrobenzene-d5	9.139	82	81773	68.581	ng	0.00
42) 2,4,6-Tribromophenol	16.107	330	104320	93.784	ng	0.00
45) 2-Fluorobiphenyl	13.228	172	247060	65.787	ng	0.00
79) Terphenyl-d14	19.967	244	569902	70.588	ng	0.00

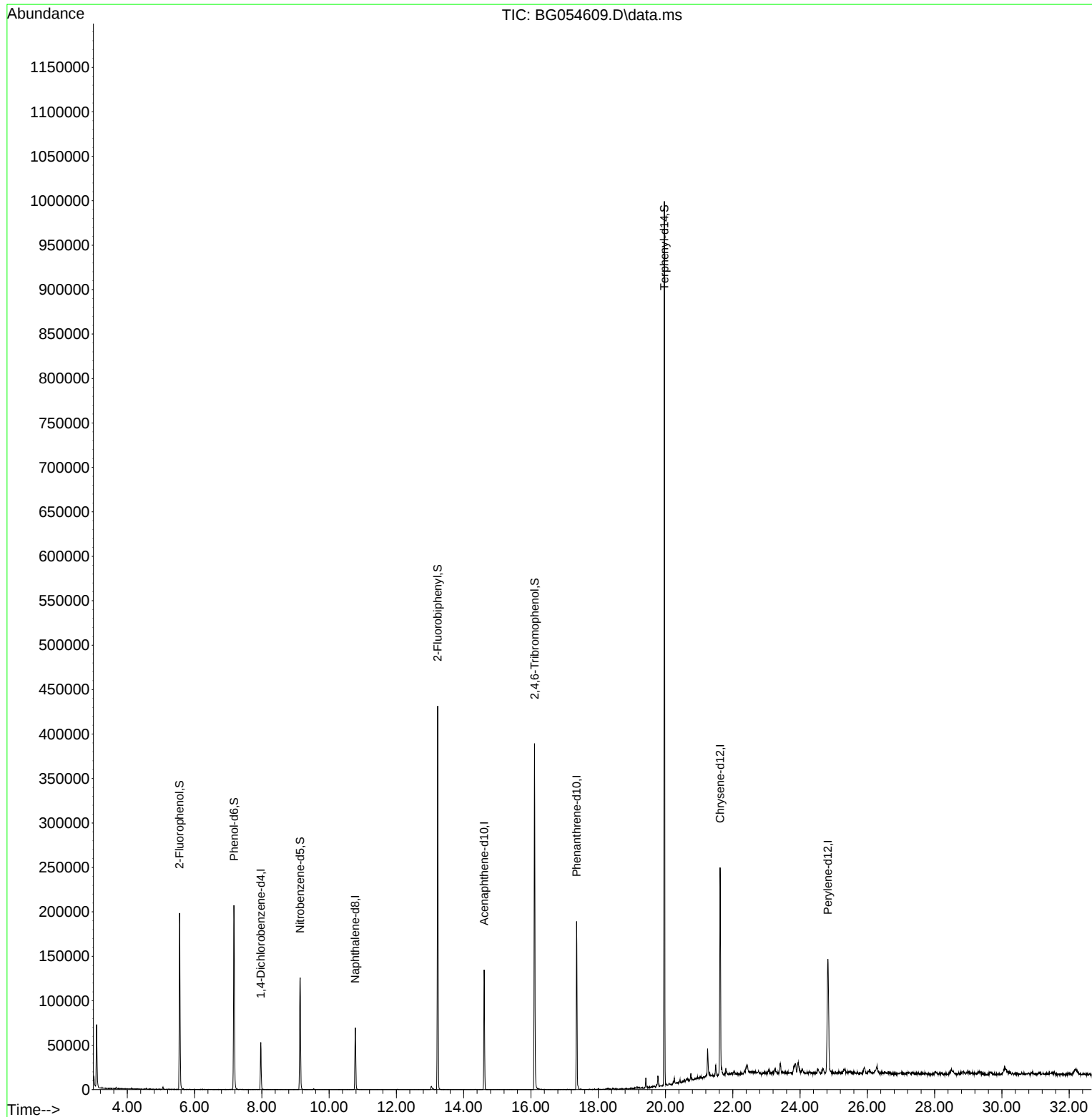
Target Compounds	Qvalue

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

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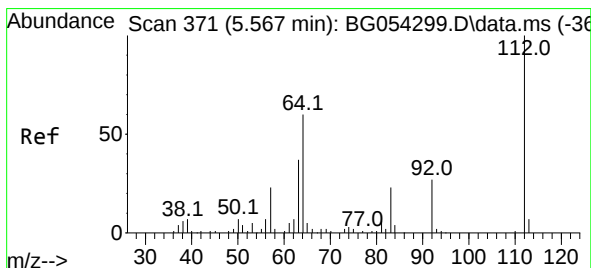
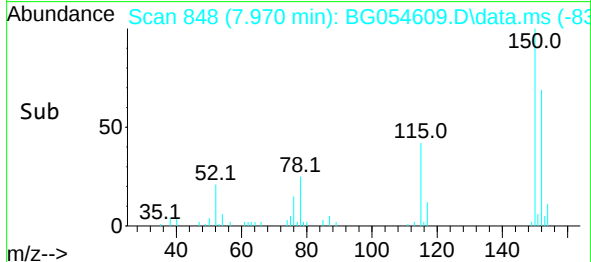
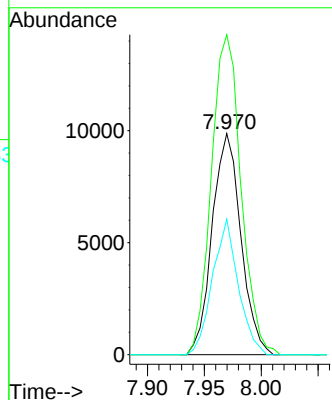
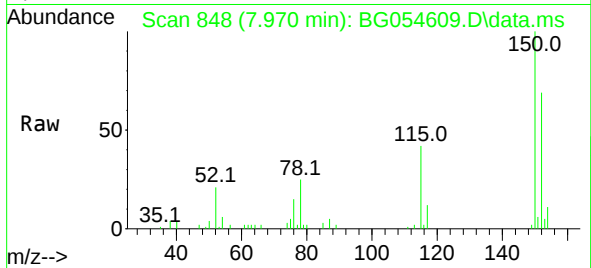




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.970 min Scan# 84
Delta R.T. -0.002 min
Lab File: BG054609.D
Acq: 11 Aug 2022 17:52

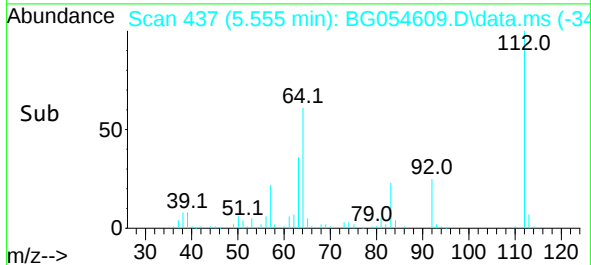
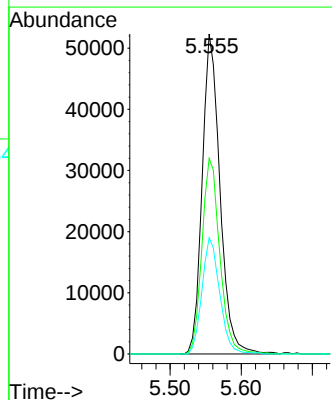
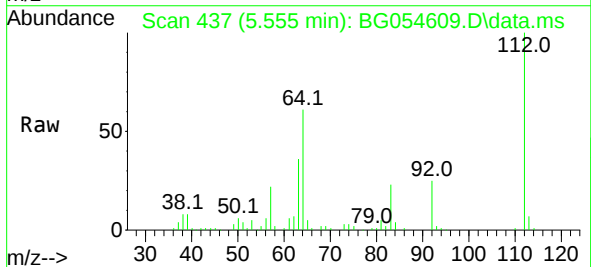
Instrument :
BNA_G
ClientSampleId :
SB05

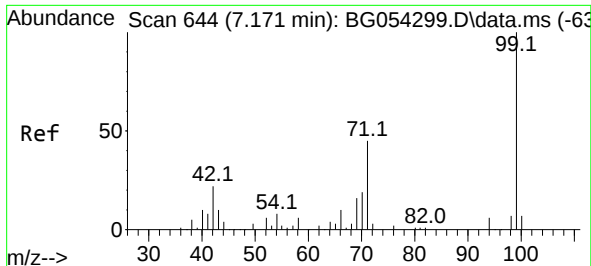
Tgt Ion:152 Resp: 17321
Ion Ratio Lower Upper
152 100
150 144.7 131.6 197.4
115 61.3 50.9 76.3



#5
2-Fluorophenol
Concen: 109.835 ng
RT: 5.555 min Scan# 437
Delta R.T. -0.009 min
Lab File: BG054609.D
Acq: 11 Aug 2022 17:52

Tgt Ion:112 Resp: 91119
Ion Ratio Lower Upper
112 100
64 61.1 55.1 82.7
63 36.4 30.4 45.6

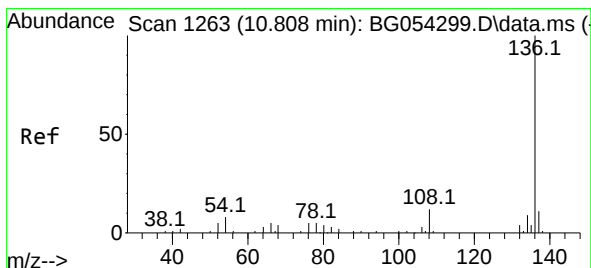
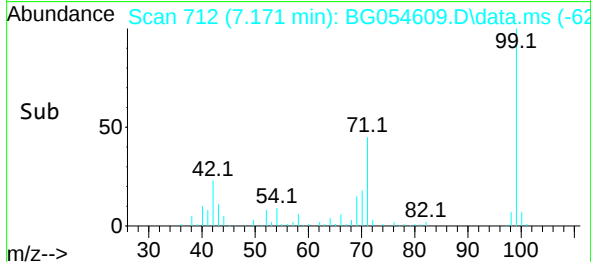
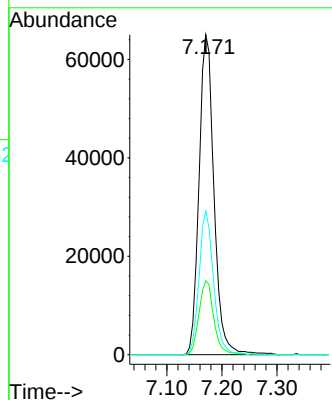
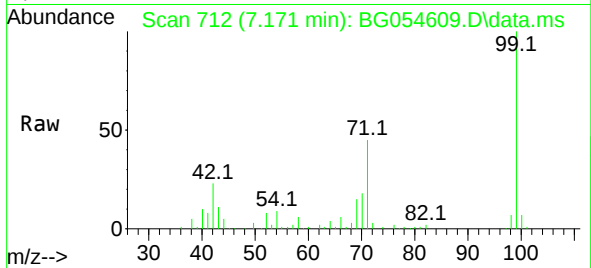




#7
Phenol-d6
Concen: 108.204 ng
RT: 7.171 min Scan# 71
Delta R.T. -0.009 min
Lab File: BG054609.D
Acq: 11 Aug 2022 17:52

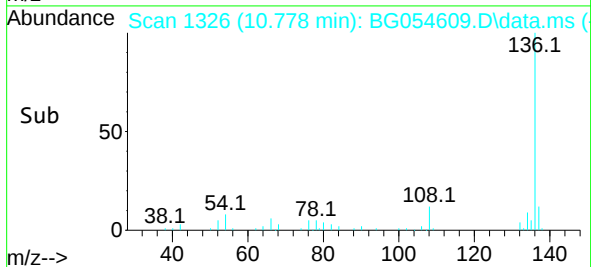
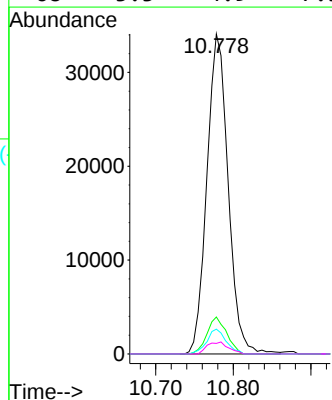
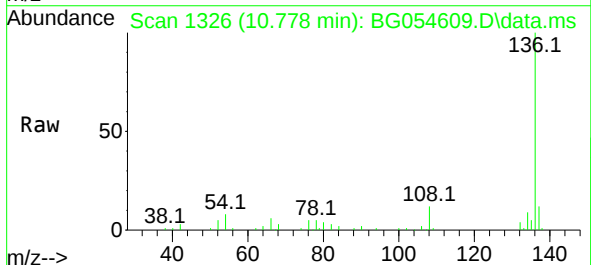
Instrument :
BNA_G
ClientSampleId :
SB05

Tgt Ion: 99 Resp: 123001
Ion Ratio Lower Upper
99 100
42 23.1 17.0 25.6
71 44.9 33.8 50.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.778 min Scan# 1326
Delta R.T. -0.009 min
Lab File: BG054609.D
Acq: 11 Aug 2022 17:52

Tgt Ion:136 Resp: 64932
Ion Ratio Lower Upper
136 100
137 11.5 8.5 12.7
54 7.8 7.4 11.2
68 3.3 4.9 7.3#

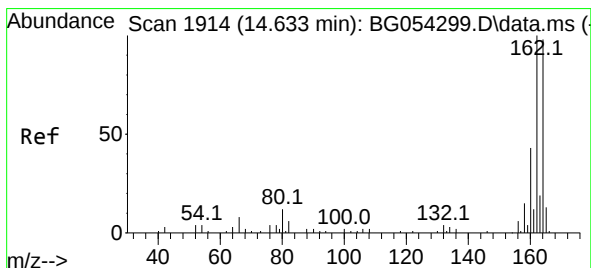
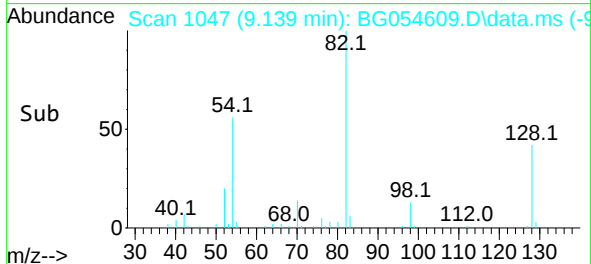
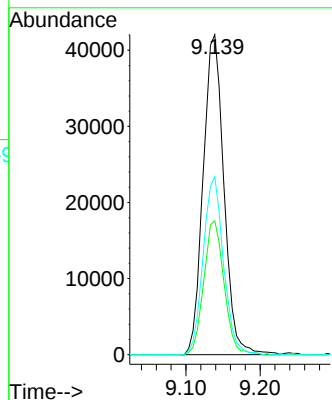
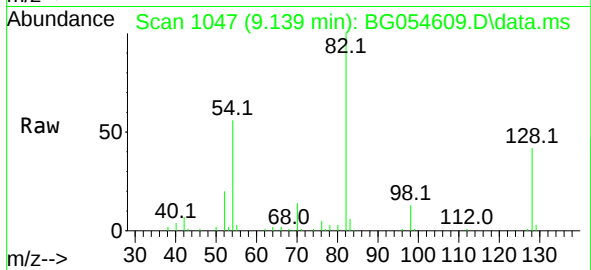




#23
Nitrobenzene-d5
Concen: 68.581 ng
RT: 9.139 min Scan# 1047
Delta R.T. -0.003 min
Lab File: BG054609.D
Acq: 11 Aug 2022 17:52

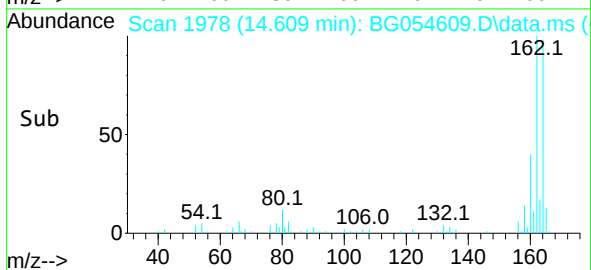
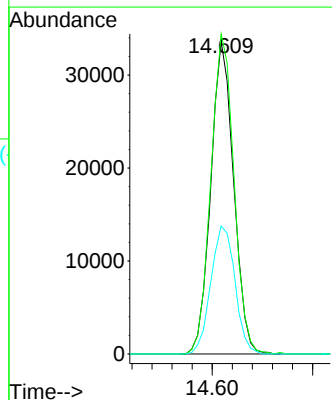
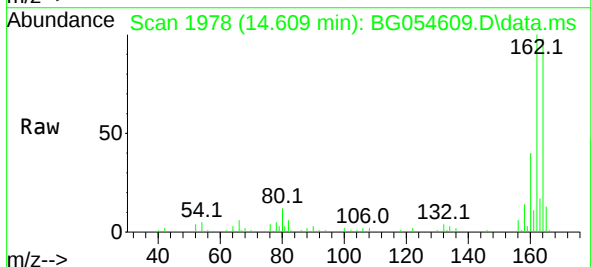
Instrument :
BNA_G
ClientSampleId :
SB05

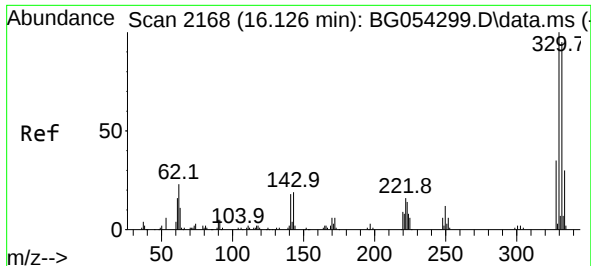
Tgt Ion: 82 Resp: 81773
Ion Ratio Lower Upper
82 100
128 41.9 27.9 41.9
54 55.6 41.2 61.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.609 min Scan# 1978
Delta R.T. -0.009 min
Lab File: BG054609.D
Acq: 11 Aug 2022 17:52

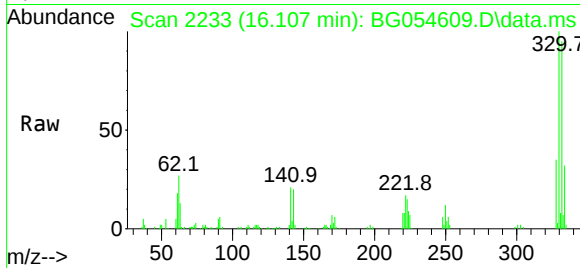
Tgt Ion:164 Resp: 52978
Ion Ratio Lower Upper
164 100
162 102.3 82.3 123.5
160 40.9 34.2 51.2



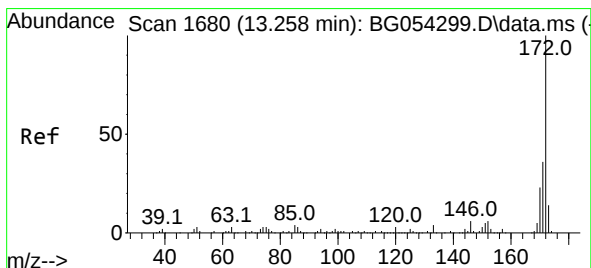
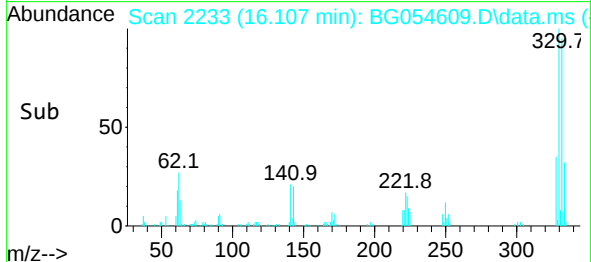
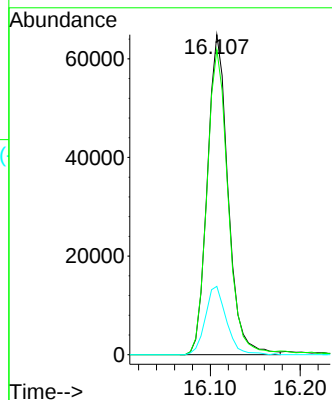


#42
2,4,6-Tribromophenol
Concen: 93.784 ng
RT: 16.107 min Scan# 2168
Delta R.T. -0.009 min
Lab File: BG054609.D
Acq: 11 Aug 2022 17:52

Instrument :
BNA_G
ClientSampleId :
SB05

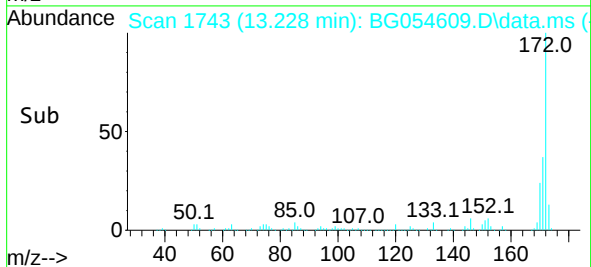
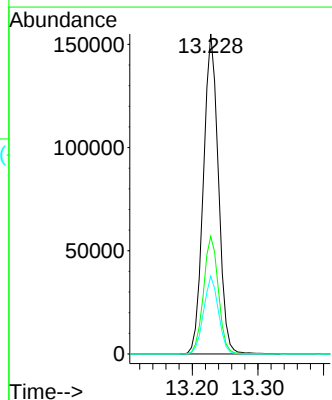
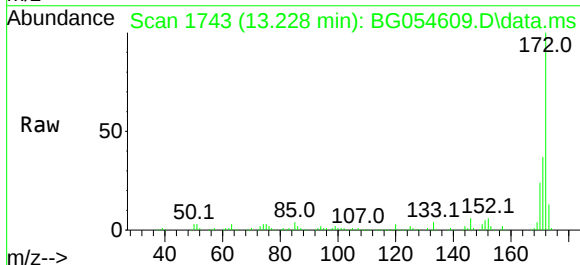


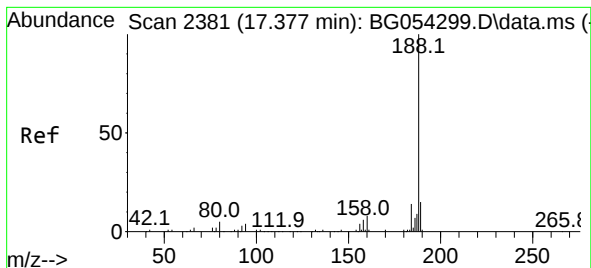
Tgt Ion:330 Resp: 104320
Ion Ratio Lower Upper
330 100
332 96.6 76.0 114.0
141 21.7 27.1 40.7#



#45
2-Fluorobiphenyl
Concen: 65.787 ng
RT: 13.228 min Scan# 1743
Delta R.T. -0.009 min
Lab File: BG054609.D
Acq: 11 Aug 2022 17:52

Tgt Ion:172 Resp: 247060
Ion Ratio Lower Upper
172 100
171 36.7 28.5 42.7
170 24.3 18.9 28.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.359 min Scan# 2446

Delta R.T. -0.003 min

Lab File: BG054609.D

Acq: 11 Aug 2022 17:52

Instrument :

BNA_G

ClientSampleId :

SB05

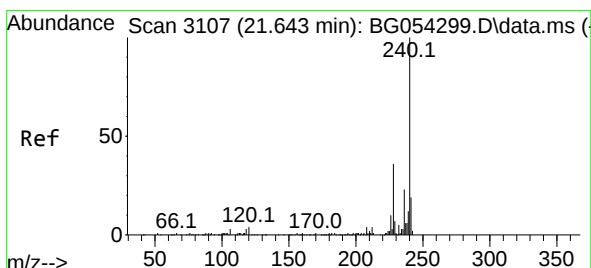
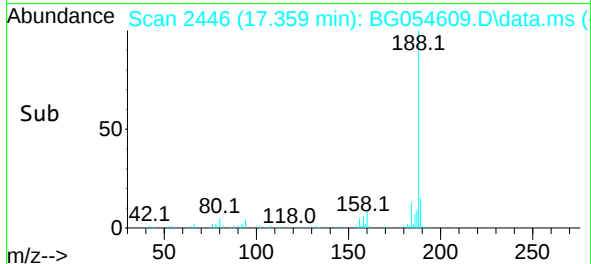
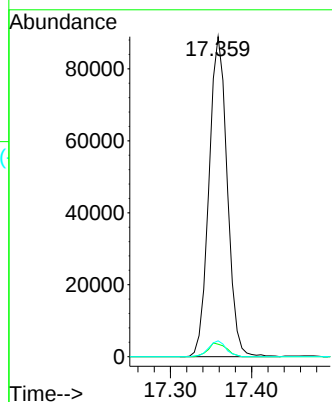
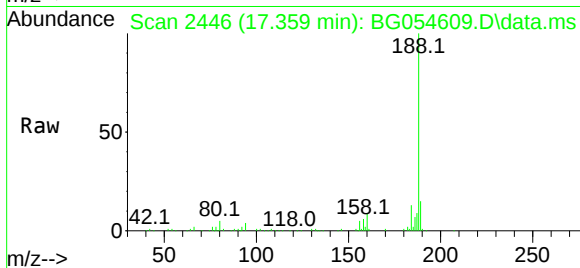
Tgt Ion:188 Resp: 138656

Ion Ratio Lower Upper

188 100

94 3.9 5.4 8.0#

80 5.0 6.8 10.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.624 min Scan# 3172

Delta R.T. -0.009 min

Lab File: BG054609.D

Acq: 11 Aug 2022 17:52

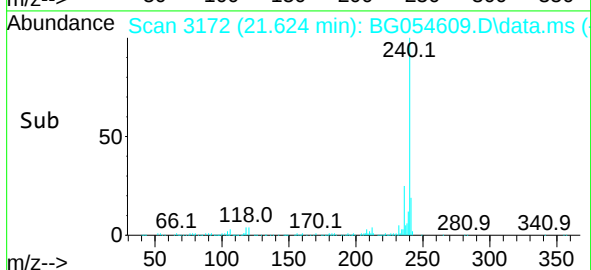
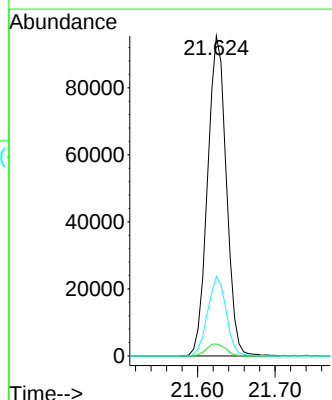
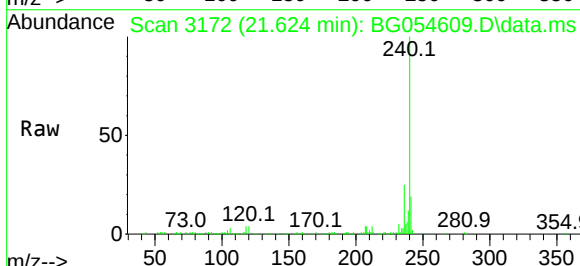
Tgt Ion:240 Resp: 160166

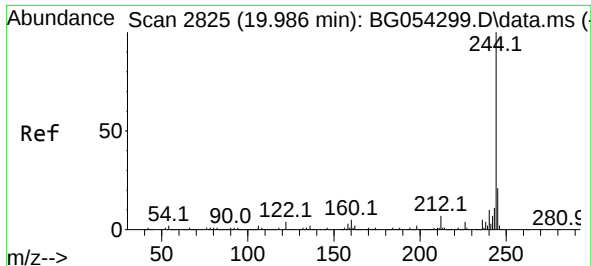
Ion Ratio Lower Upper

240 100

120 3.7 4.6 7.0#

236 24.8 20.2 30.4

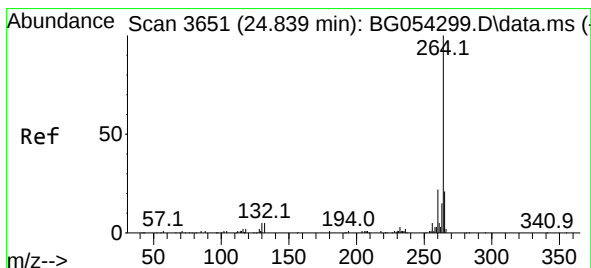
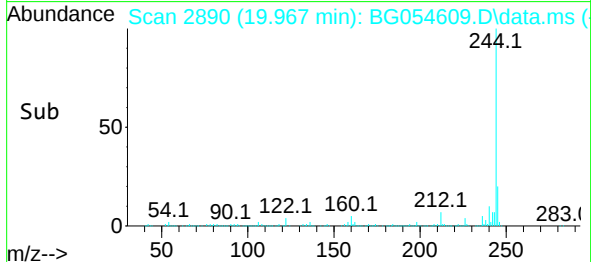
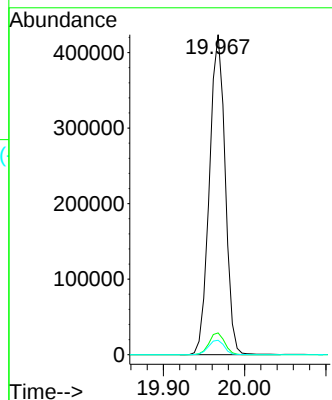
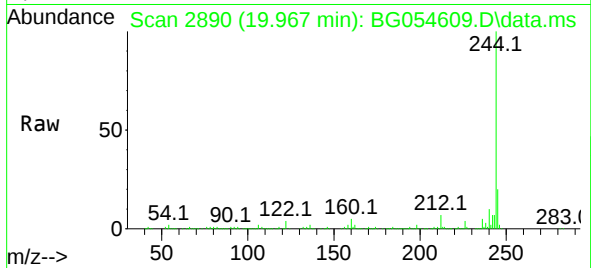




#79
 Terphenyl-d14
 Concen: 70.588 ng
 RT: 19.967 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG054609.D
 Acq: 11 Aug 2022 17:52

Instrument :
 BNA_G
 ClientSampleId :
 SB05

Tgt Ion:244 Resp: 569902
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.5 9.7
 122 4.5 5.0 7.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.826 min Scan# 3717
 Delta R.T. -0.009 min
 Lab File: BG054609.D
 Acq: 11 Aug 2022 17:52

Tgt Ion:264 Resp: 166095
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.0 28.6
 265 23.1 17.4 26.2

