

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG013124\
 Data File : BG060507.D
 Acq On : 31 Jan 2024 13:22
 Operator : MA/JU
 Sample : PB158668TB
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158668TB

Quant Time: Feb 01 00:10:44 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.920	152	130995	20.000	ng	0.00
21) Naphthalene-d8	10.729	136	521250	20.000	ng	# 0.00
39) Acenaphthene-d10	14.559	164	424765	20.000	ng	0.00
64) Phenanthrene-d10	17.309	188	1234026	20.000	ng	0.00
76) Chrysene-d12	21.569	240	1185614	20.000	ng	0.00
86) Perylene-d12	24.736	264	1299185	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	1107169	139.017	ng	0.00
7) Phenol-d6	7.092	99	1358699	115.210	ng	0.00
23) Nitrobenzene-d5	9.083	82	850501	77.047	ng	0.00
42) 2,4,6-Tribromophenol	16.052	330	869427	139.119	ng	0.00
45) 2-Fluorobiphenyl	13.185	172	2340344	76.603	ng	0.00
79) Terphenyl-d14	19.930	244	4490785	103.905	ng	0.00

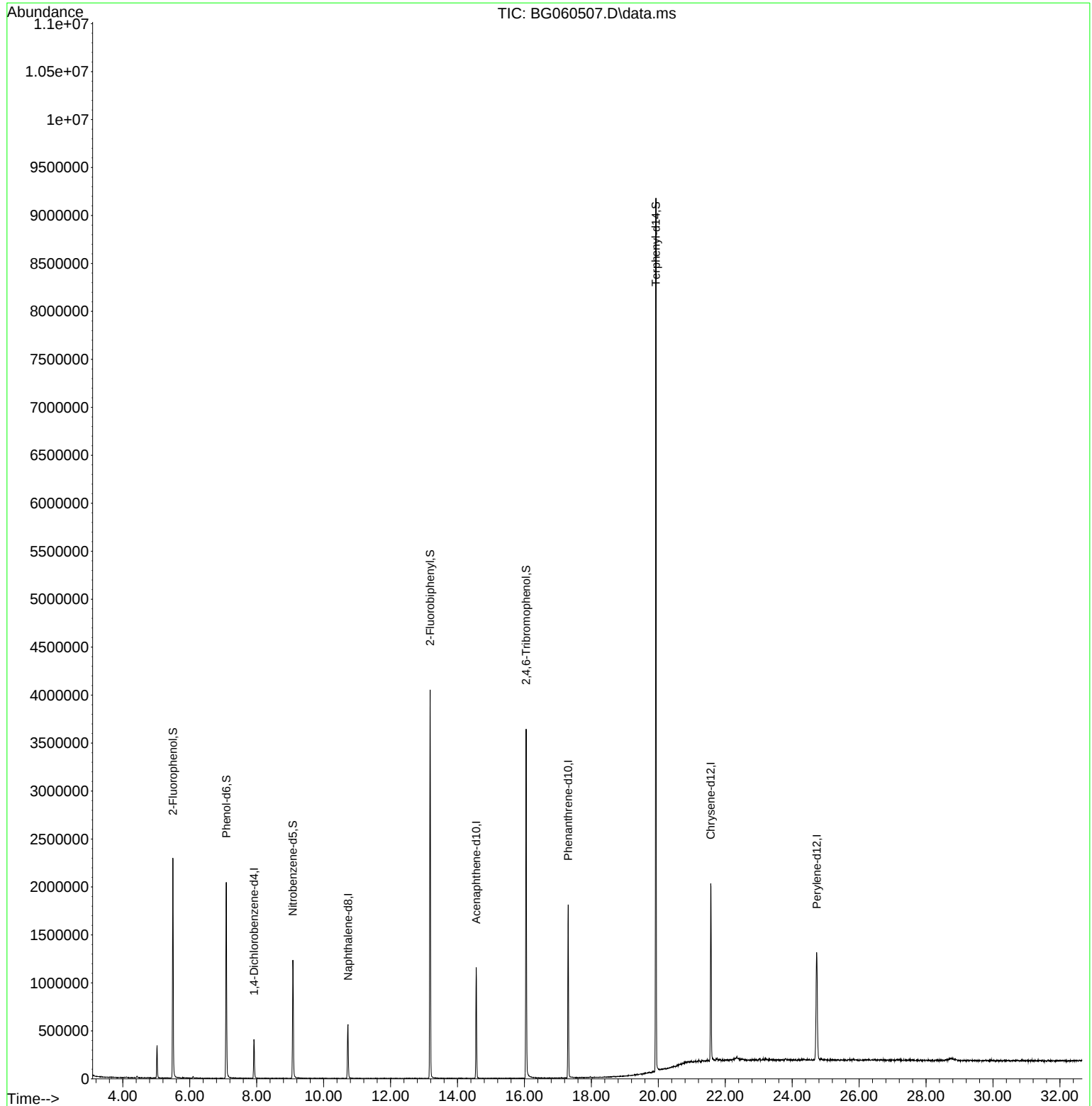
Target Compounds Qvalue

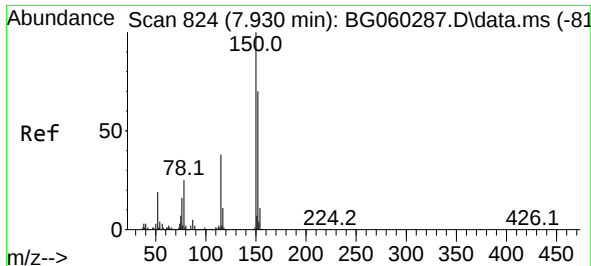
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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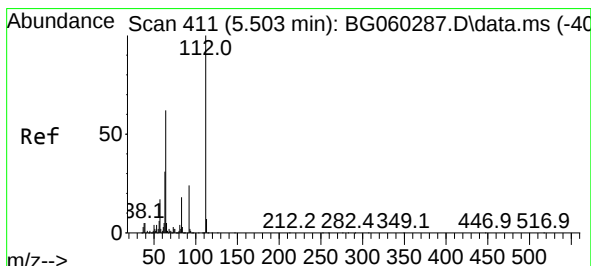
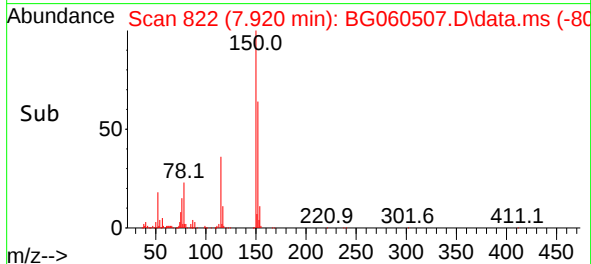
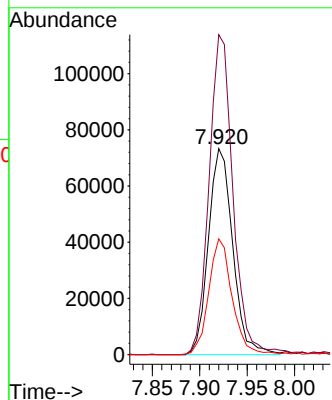
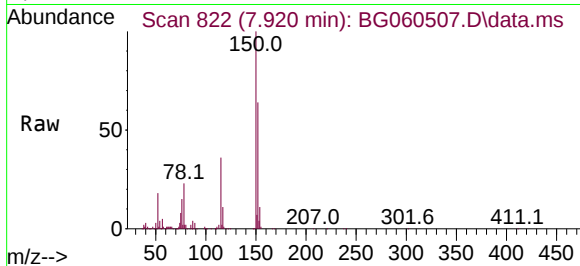




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.920 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG060507.D
Acq: 31 Jan 2024 13:22

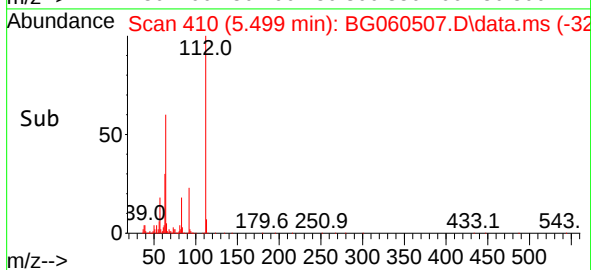
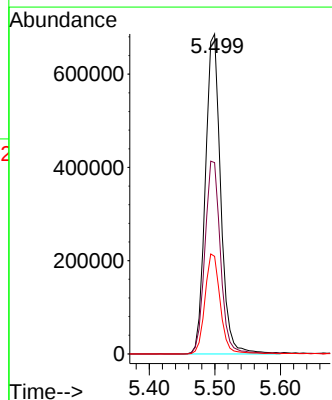
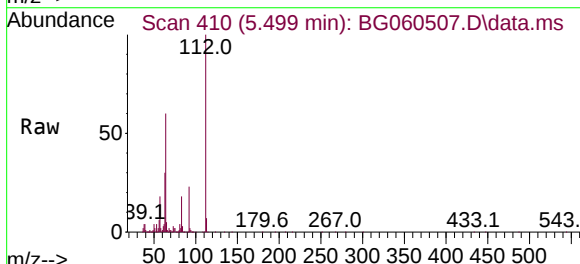
Instrument :
BNA_G
ClientSampleId :
PB158668TB

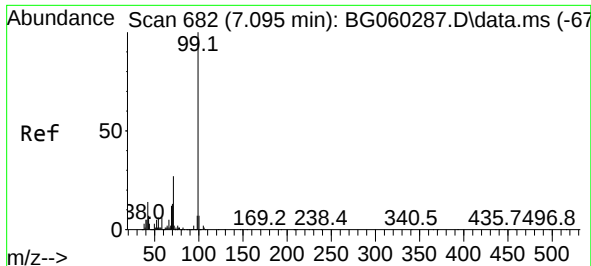
Tgt Ion:152 Resp: 130995
Ion Ratio Lower Upper
152 100
150 155.3 114.5 171.7
115 56.2 43.0 64.6



#5
2-Fluorophenol
Concen: 139.017 ng
RT: 5.499 min Scan# 410
Delta R.T. -0.004 min
Lab File: BG060507.D
Acq: 31 Jan 2024 13:22

Tgt Ion:112 Resp: 1107169
Ion Ratio Lower Upper
112 100
64 59.8 49.8 74.6
63 30.5 24.4 36.6

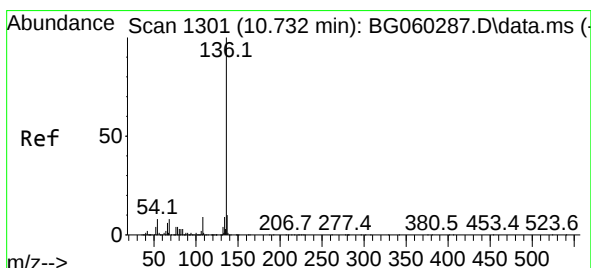
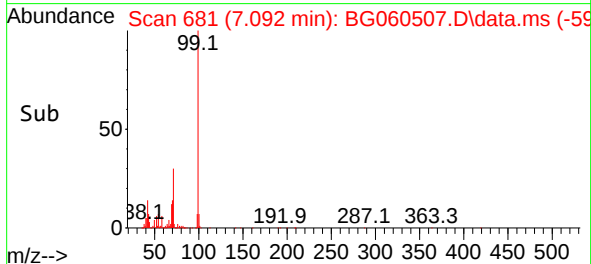
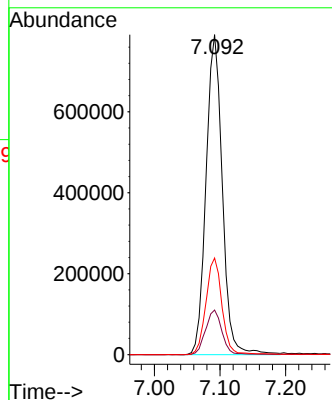
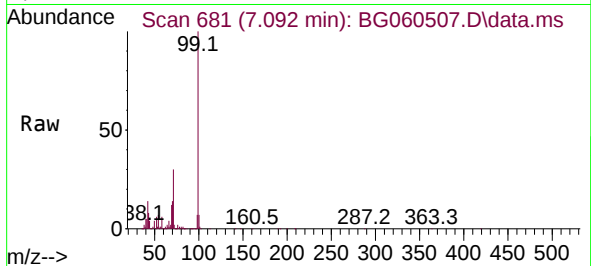




#7
Phenol-d6
Concen: 115.210 ng
RT: 7.092 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG060507.D
Acq: 31 Jan 2024 13:22

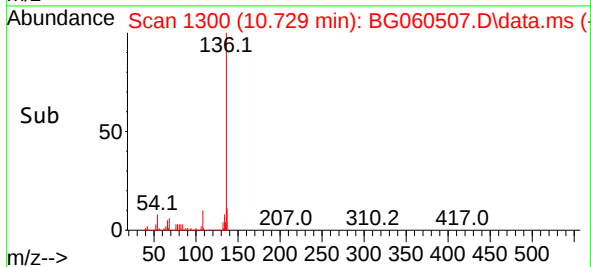
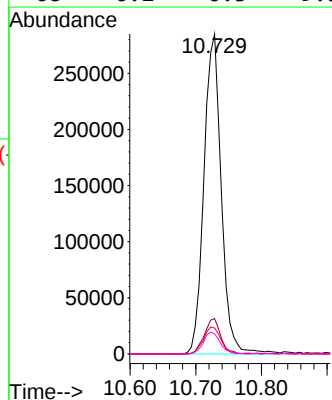
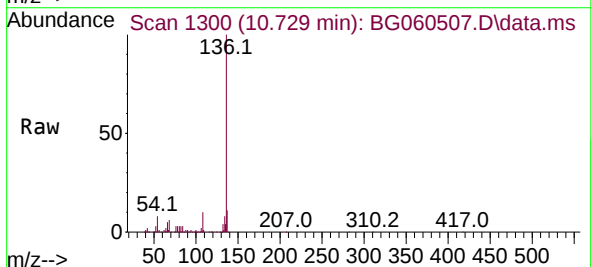
Instrument :
BNA_G
ClientSampleId :
PB158668TB

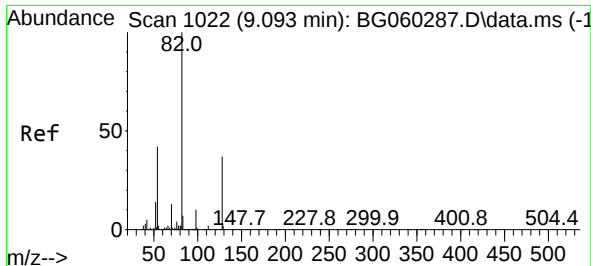
Tgt Ion: 99 Resp: 1358699
Ion Ratio Lower Upper
99 100
42 13.9 10.9 16.3
71 30.2 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 1300
Delta R.T. -0.004 min
Lab File: BG060507.D
Acq: 31 Jan 2024 13:22

Tgt Ion: 136 Resp: 521250
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 8.1 6.2 9.2
68 6.2 6.3 9.5#





#23

Nitrobenzene-d5

Concen: 77.047 ng

RT: 9.083 min Scan# 1020

Delta R.T. -0.009 min

Lab File: BG060507.D

Acq: 31 Jan 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB158668TB

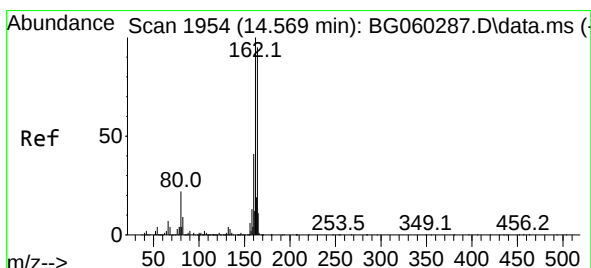
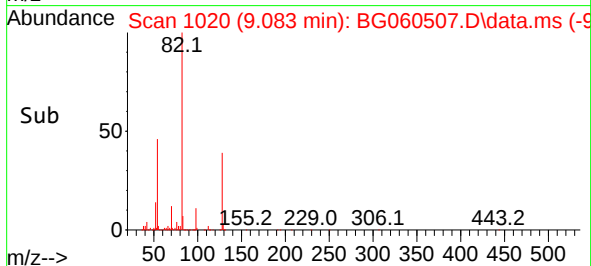
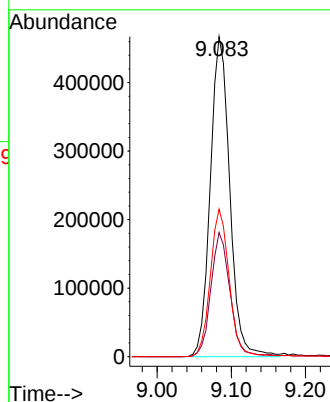
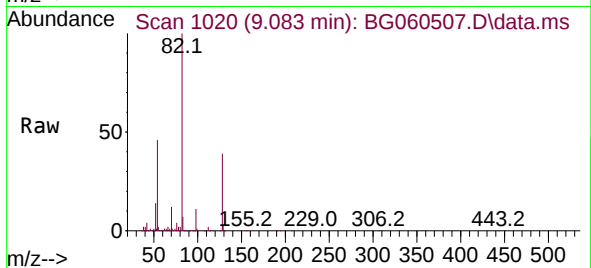
Tgt Ion: 82 Resp: 850501

Ion Ratio Lower Upper

82 100

128 38.8 29.6 44.4

54 46.1 33.6 50.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.559 min Scan# 1952

Delta R.T. -0.009 min

Lab File: BG060507.D

Acq: 31 Jan 2024 13:22

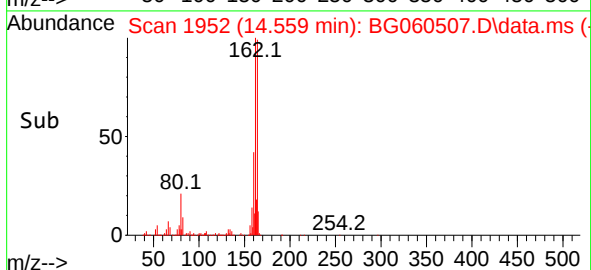
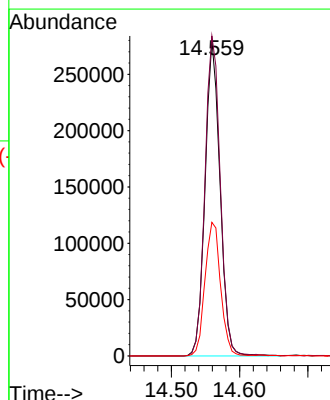
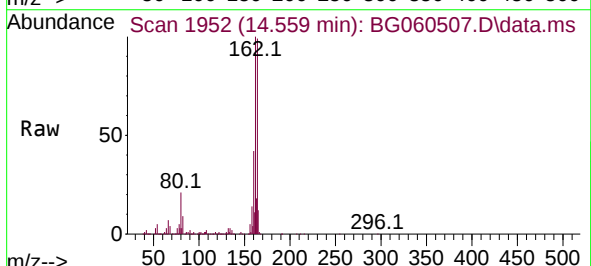
Tgt Ion:164 Resp: 424765

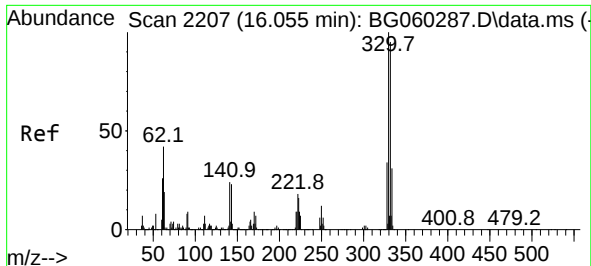
Ion Ratio Lower Upper

164 100

162 101.4 84.4 126.6

160 42.3 34.6 52.0

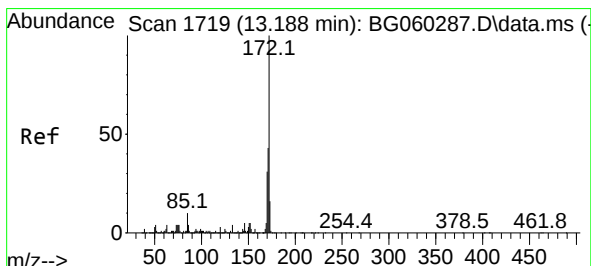
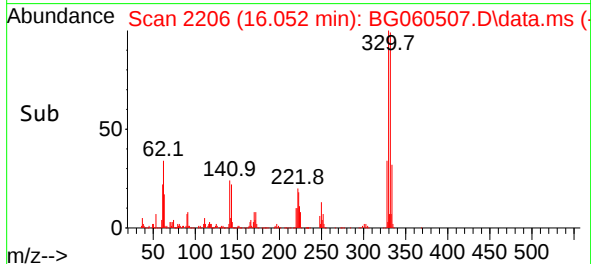
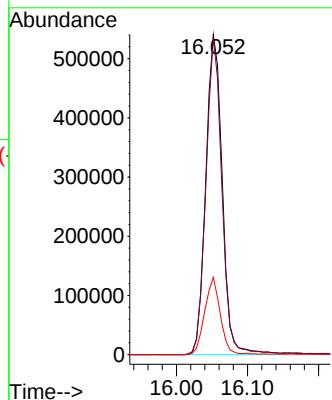
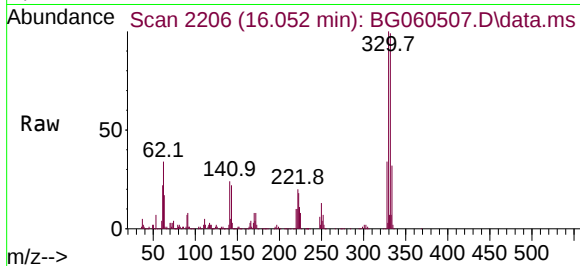




#42
2,4,6-Tribromophenol
Concen: 139.119 ng
RT: 16.052 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG060507.D
Acq: 31 Jan 2024 13:22

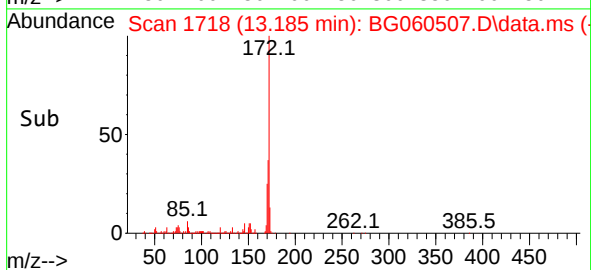
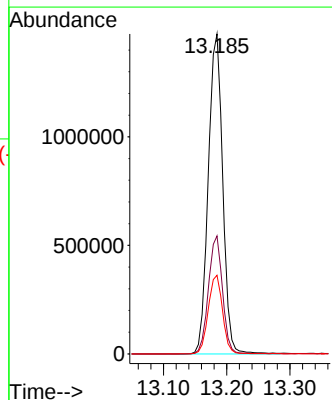
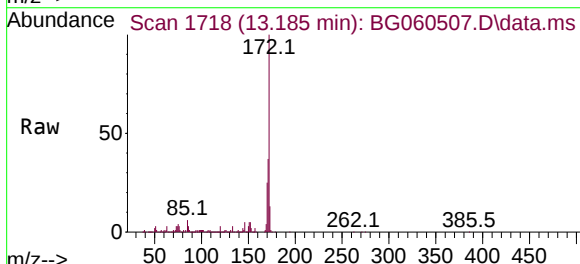
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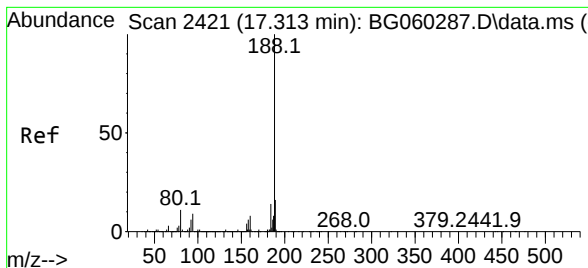
Tgt Ion:330 Resp: 869427
Ion Ratio Lower Upper
330 100
332 96.2 76.7 115.1
141 22.8 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 76.603 ng
RT: 13.185 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG060507.D
Acq: 31 Jan 2024 13:22

Tgt Ion:172 Resp: 2340344
Ion Ratio Lower Upper
172 100
171 36.9 34.6 51.8
170 24.6 24.4 36.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.309 min Scan# 24

Delta R.T. -0.004 min

Lab File: BG060507.D

Acq: 31 Jan 2024 13:22

Instrument :

BNA_G

ClientSampleId :

PB158668TB

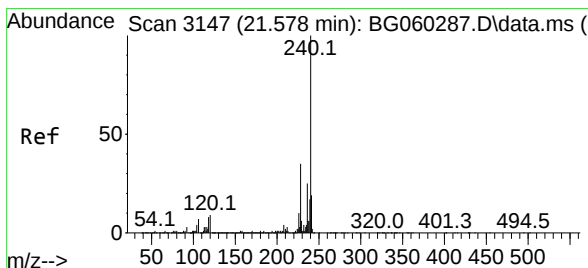
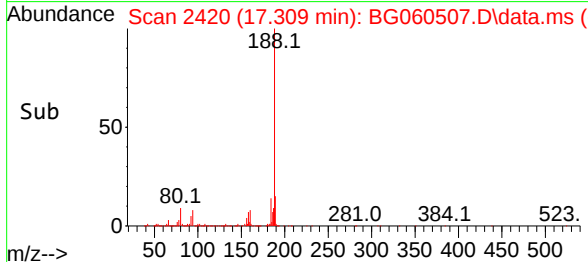
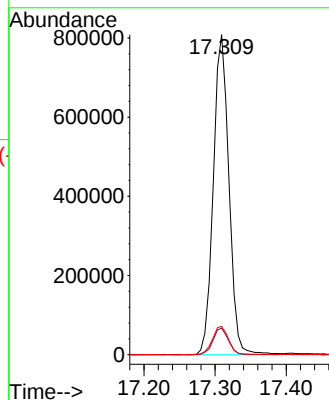
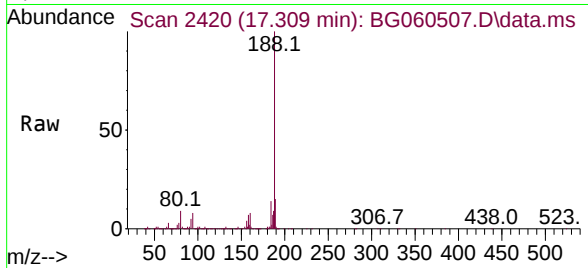
Tgt Ion:188 Resp: 1234026

Ion Ratio Lower Upper

188 100

94 8.2 7.1 10.7

80 8.8 8.5 12.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.569 min Scan# 3145

Delta R.T. -0.009 min

Lab File: BG060507.D

Acq: 31 Jan 2024 13:22

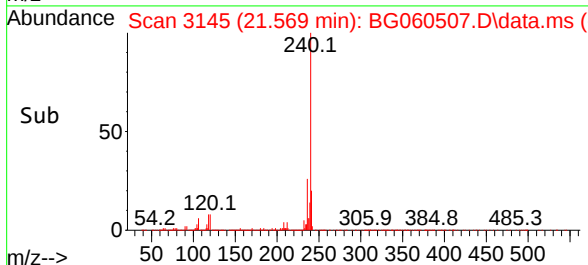
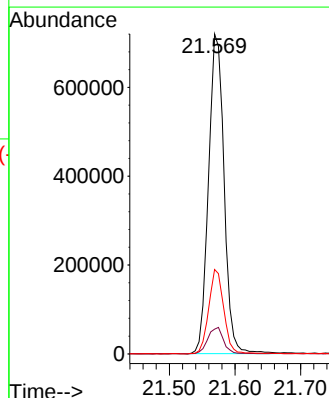
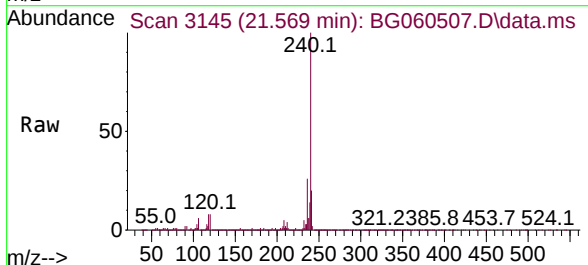
Tgt Ion:240 Resp: 1185614

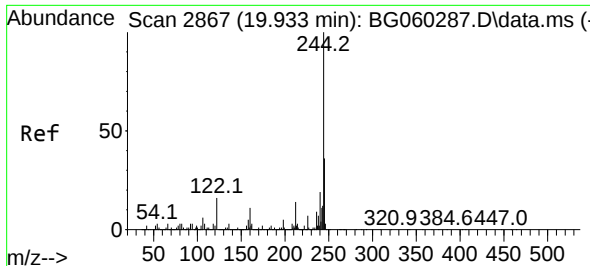
Ion Ratio Lower Upper

240 100

120 7.7 7.3 10.9

236 26.4 20.3 30.5

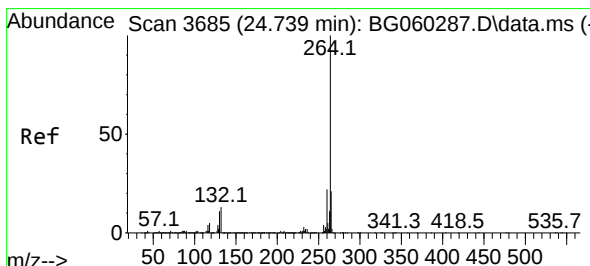
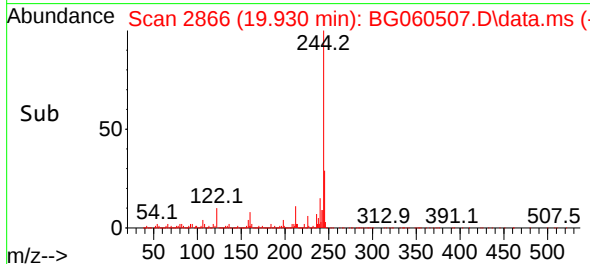
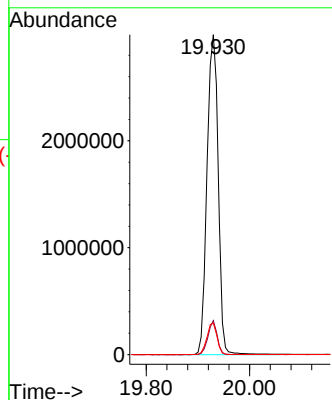
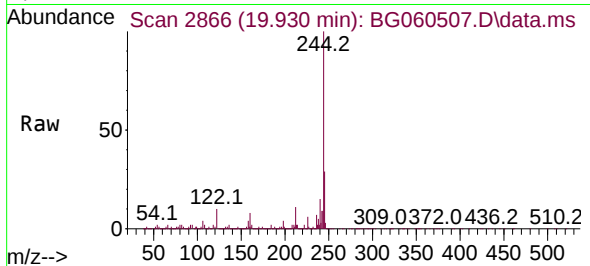




#79
 Terphenyl-d14
 Concen: 103.905 ng
 RT: 19.930 min Scan# 2867
 Delta R.T. -0.003 min
 Lab File: BG060507.D
 Acq: 31 Jan 2024 13:22

Instrument :
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Tgt Ion:244 Resp: 4490785
 Ion Ratio Lower Upper
 244 100
 212 10.6 10.9 16.3#
 122 9.8 12.6 18.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.736 min Scan# 3684
 Delta R.T. -0.004 min
 Lab File: BG060507.D
 Acq: 31 Jan 2024 13:22

Tgt Ion:264 Resp: 1299185
 Ion Ratio Lower Upper
 264 100
 260 23.8 17.8 26.6
 265 20.5 16.8 25.2

