

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122923\
 Data File : BG060185.D
 Acq On : 29 Dec 2023 18:00
 Operator : MA/JU
 Sample : PB158041BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158041BL

Quant Time: Dec 30 03:27:23 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 30 03:14:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.941	152	225469	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	938181	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	721264	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1967294	20.000	ng	0.00
76) Chrysene-d12	21.590	240	1878281	20.000	ng	0.00
86) Perylene-d12	24.762	264	2073805	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	2643297	176.948	ng	0.00
7) Phenol-d6	7.107	99	3387292	152.719	ng	0.00
23) Nitrobenzene-d5	9.104	82	2072246	102.024	ng	0.00
42) 2,4,6-Tribromophenol	16.067	330	1475035	152.776	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	4570423	91.072	ng	0.00
79) Terphenyl-d14	19.945	244	6500238	66.533	ng	0.00

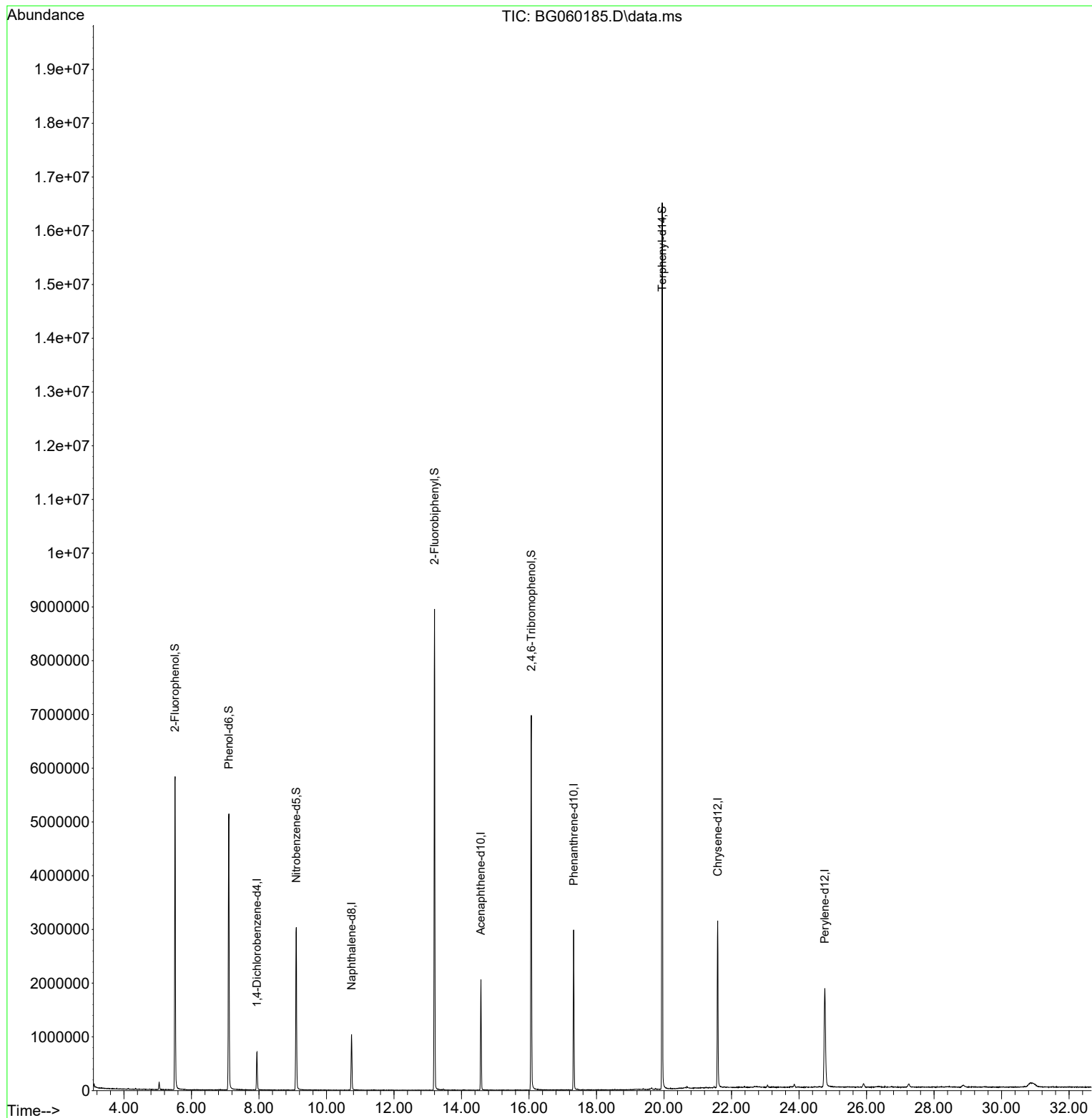
Target Compounds	Qvalue
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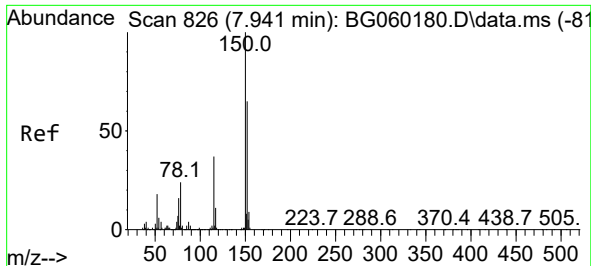
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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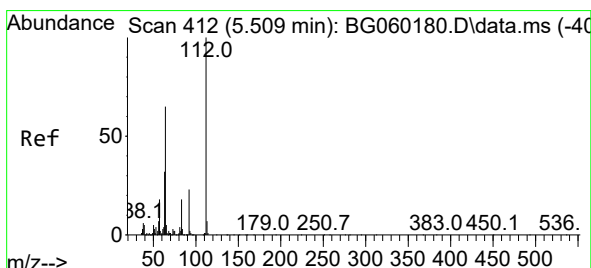
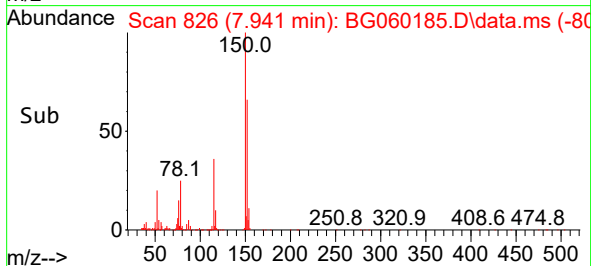
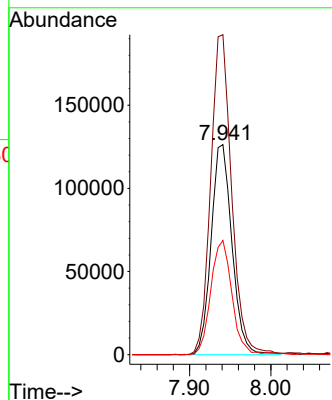
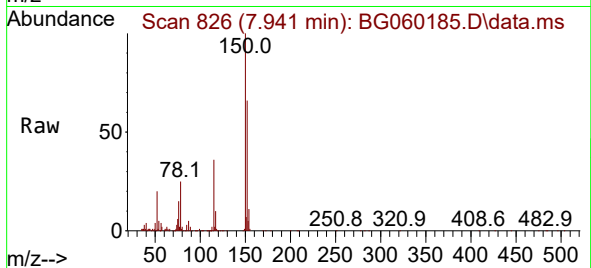




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

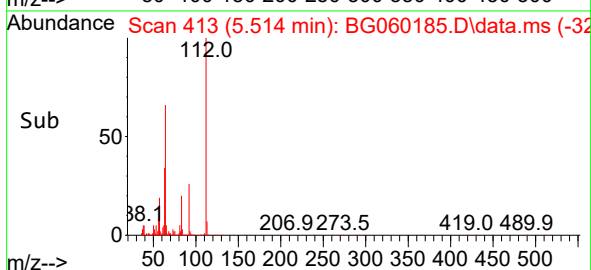
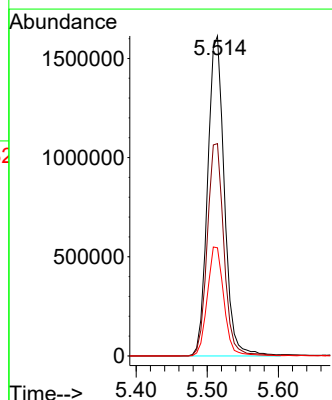
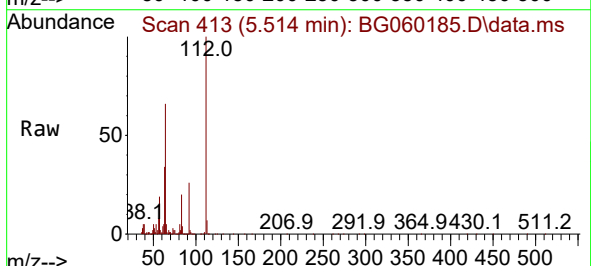
Instrument :
BNA_G
ClientSampleId :
PB158041BL

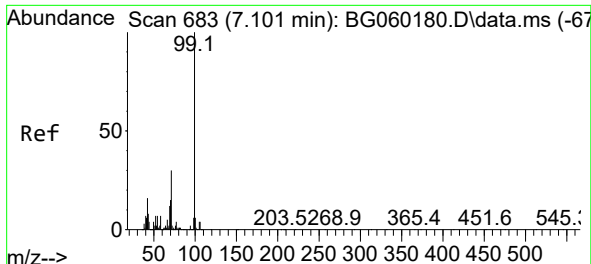
Tgt Ion:152 Resp: 225469
Ion Ratio Lower Upper
152 100
150 152.3 123.4 185.0
115 54.3 45.4 68.0



#5
2-Fluorophenol
Concen: 176.948 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.006 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

Tgt Ion:112 Resp: 2643297
Ion Ratio Lower Upper
112 100
64 66.3 52.2 78.4
63 33.8 25.4 38.0

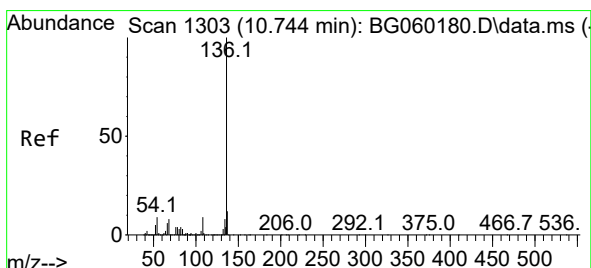
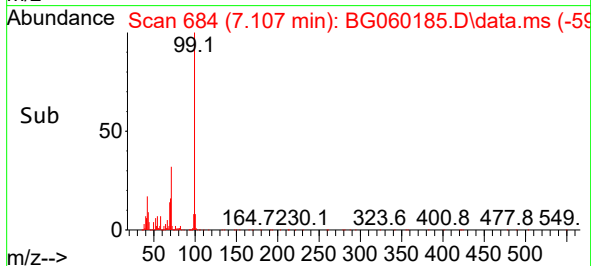
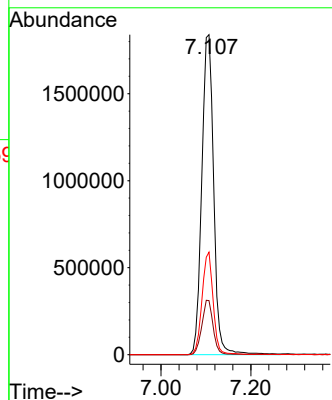
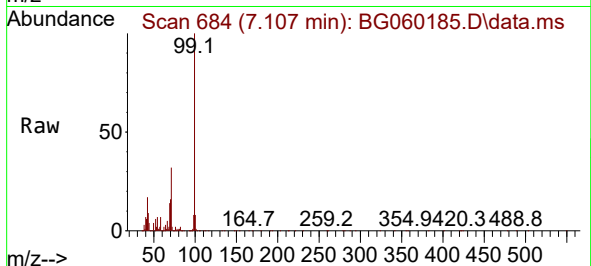




#7
Phenol-d6
Concen: 152.719 ng
RT: 7.107 min Scan# 61
Delta R.T. 0.006 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

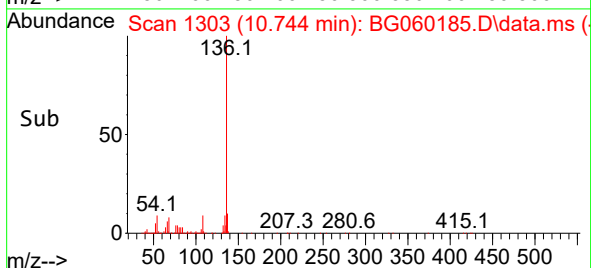
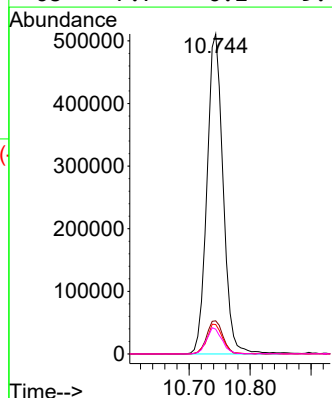
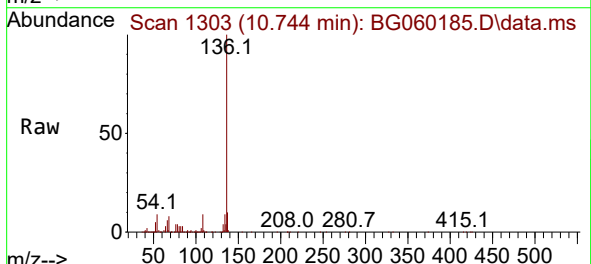
Instrument :
BNA_G
ClientSampleId :
PB158041BL

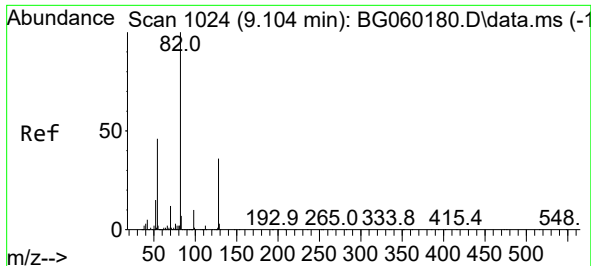
Tgt Ion: 99 Resp: 3387292
Ion Ratio Lower Upper
99 100
42 16.9 12.5 18.7
71 32.0 24.1 36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

Tgt Ion: 136 Resp: 938181
Ion Ratio Lower Upper
136 100
137 10.3 9.4 14.0
54 9.2 7.4 11.2
68 7.7 6.2 9.4

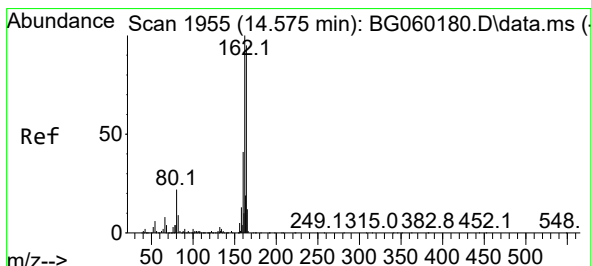
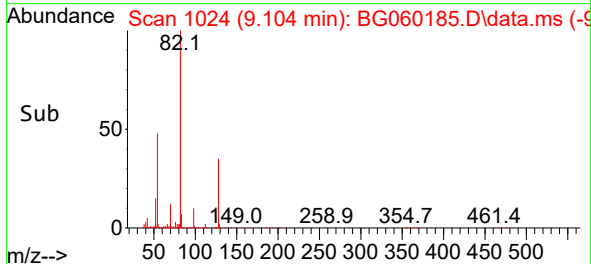
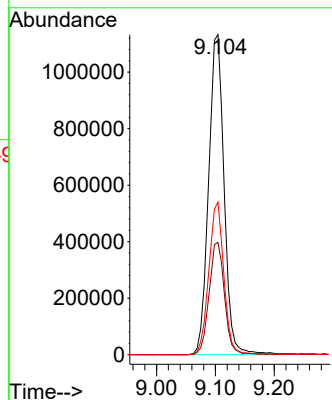
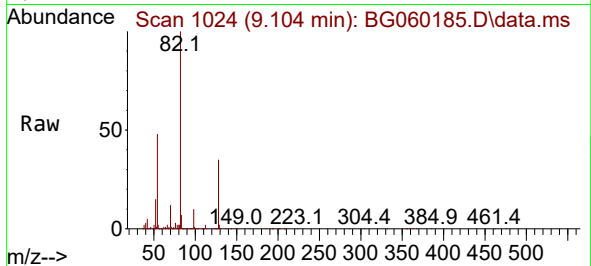




#23
Nitrobenzene-d5
Concen: 102.024 ng
RT: 9.104 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

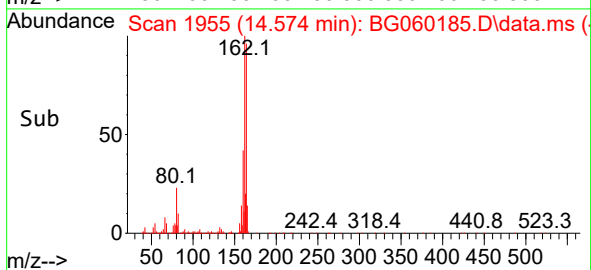
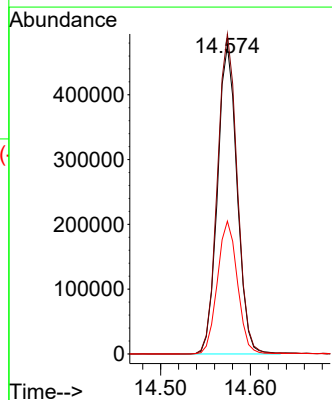
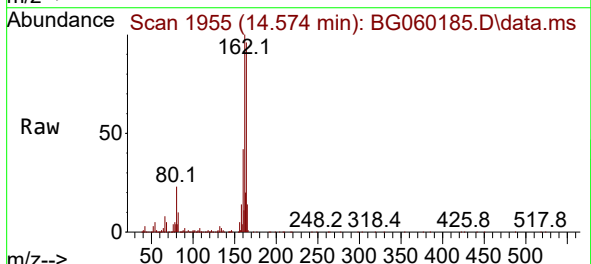
Instrument :
BNA_G
ClientSampleId :
PB158041BL

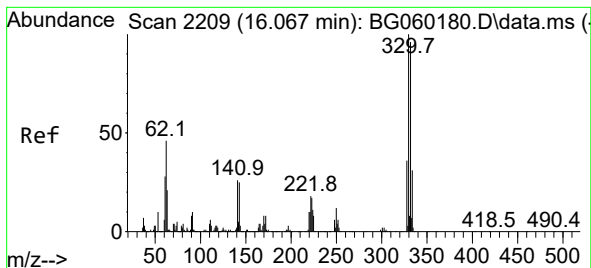
Tgt Ion: 82 Resp: 2072246
Ion Ratio Lower Upper
82 100
128 35.1 28.7 43.1
54 47.7 36.9 55.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.000 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

Tgt Ion:164 Resp: 721264
Ion Ratio Lower Upper
164 100
162 103.8 83.9 125.9
160 43.1 34.2 51.4

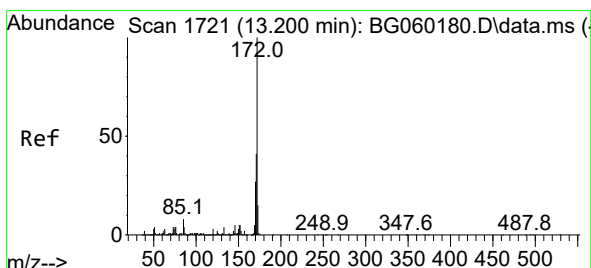
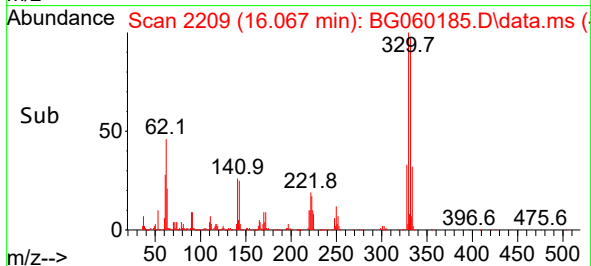
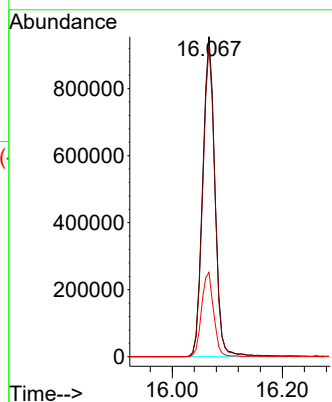
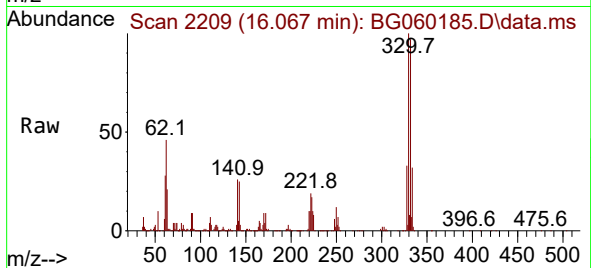




#42
2,4,6-Tribromophenol
Concen: 152.776 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

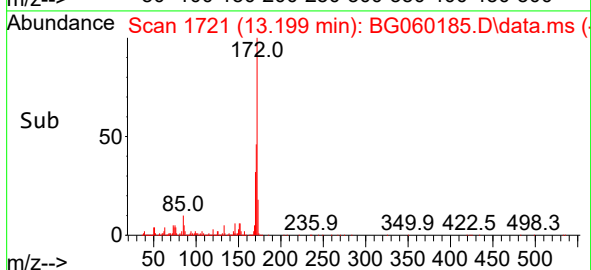
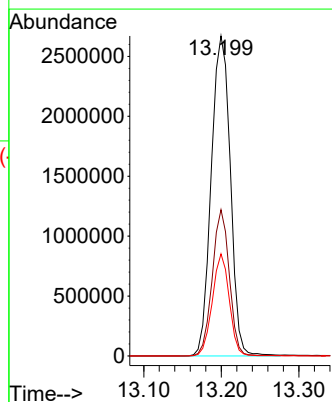
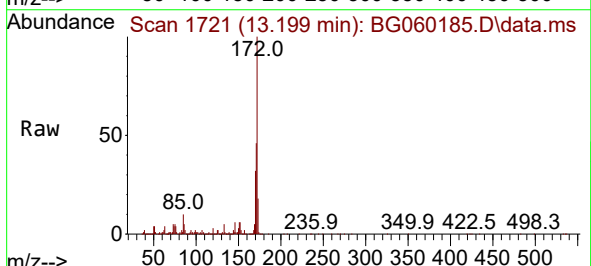
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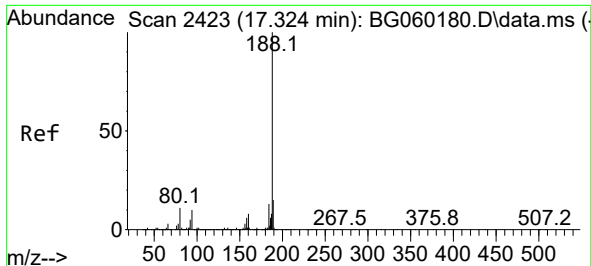
Tgt Ion:330 Resp: 1475035
Ion Ratio Lower Upper
330 100
332 96.6 76.7 115.1
141 26.0 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 91.072 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

Tgt Ion:172 Resp: 4570423
Ion Ratio Lower Upper
172 100
171 45.7 32.6 48.8
170 31.9 21.8 32.6

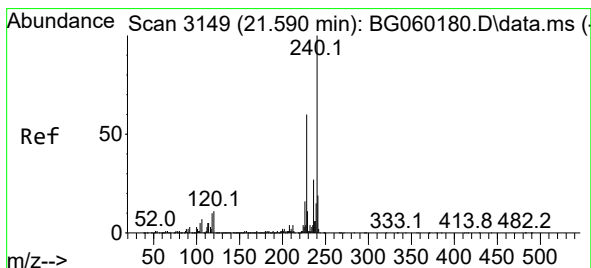
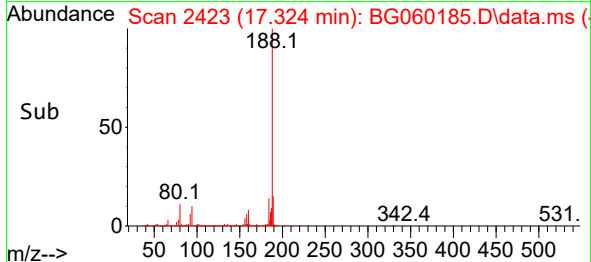
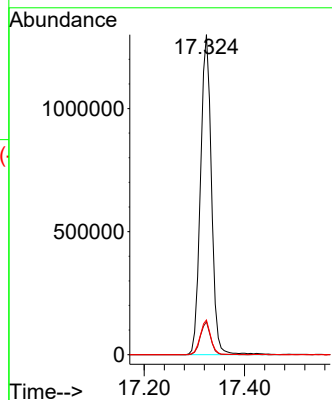
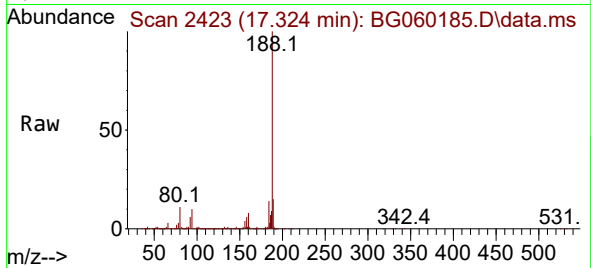




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.324 min Scan# 2423
Delta R.T. -0.000 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

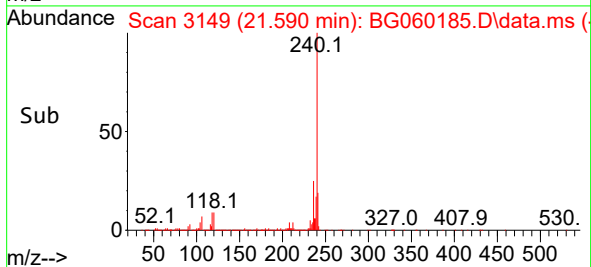
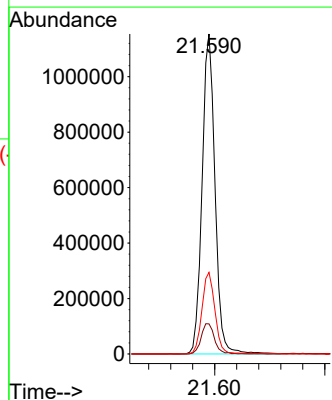
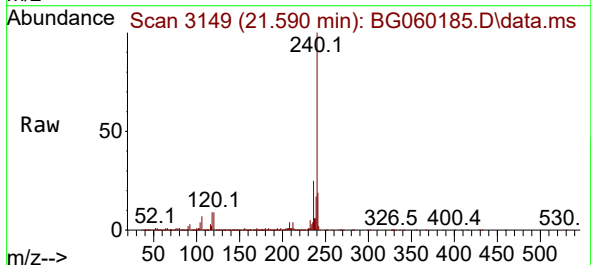
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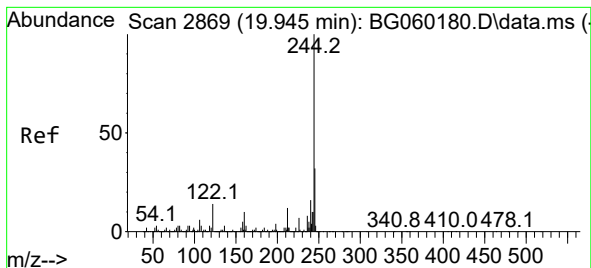
Tgt Ion:188 Resp: 1967294
Ion Ratio Lower Upper
188 100
94 10.3 7.8 11.6
80 10.8 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.590 min Scan# 3149
Delta R.T. -0.000 min
Lab File: BG060185.D
Acq: 29 Dec 2023 18:00

Tgt Ion:240 Resp: 1878281
Ion Ratio Lower Upper
240 100
120 9.4 8.5 12.7
236 25.5 21.4 32.2





#79

Terphenyl-d14

Concen: 66.533 ng

RT: 19.945 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG060185.D

Acq: 29 Dec 2023 18:00

Instrument :

BNA_G

ClientSampleId :

PB158041BL

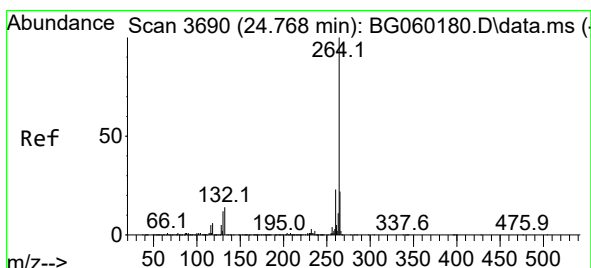
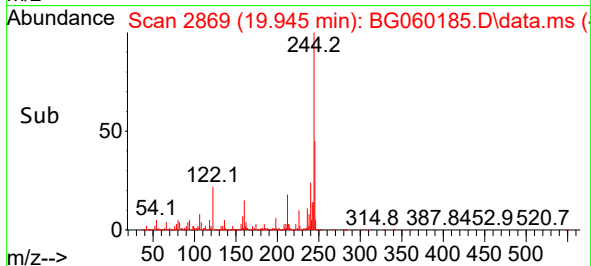
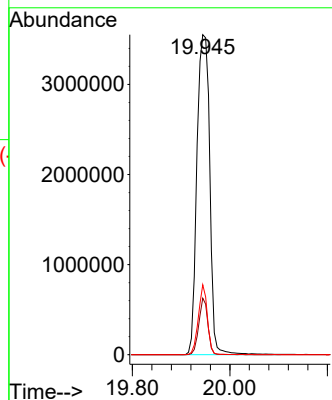
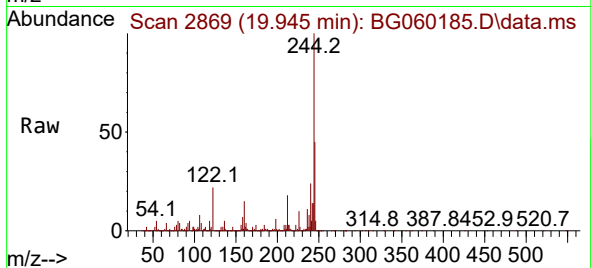
Tgt Ion:244 Resp: 6500238

Ion Ratio Lower Upper

244 100

212 17.7 9.5 14.3#

122 21.8 11.4 17.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.762 min Scan# 3689

Delta R.T. -0.006 min

Lab File: BG060185.D

Acq: 29 Dec 2023 18:00

Tgt Ion:264 Resp: 2073805

Ion Ratio Lower Upper

264 100

260 22.8 18.0 27.0

265 22.7 17.4 26.0

