

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060389.D
 Acq On : 22 Jan 2024 17:47
 Operator : MA/JU
 Sample : P1207-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EC68-SOUTH

Quant Time: Jan 23 00:38:25 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	7.926	152	195945	20.000	ng	0.00
21) Naphthalene-d8	10.729	136	837229	20.000	ng	0.00
39) Acenaphthene-d10	14.566	164	639483	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1647769	20.000	ng	0.00
76) Chrysene-d12	21.575	240	1500907	20.000	ng	0.00
86) Perylene-d12	24.736	264	1705816	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.506	112	1524003	127.927	ng	0.00
7) Phenol-d6	7.092	99	2071261	117.415	ng	0.00
23) Nitrobenzene-d5	9.090	82	1304172	73.556	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	1242990	132.112	ng	0.00
45) 2-Fluorobiphenyl	13.185	172	3369431	73.256	ng	0.00
79) Terphenyl-d14	19.930	244	5216686	89.350	ng	0.00

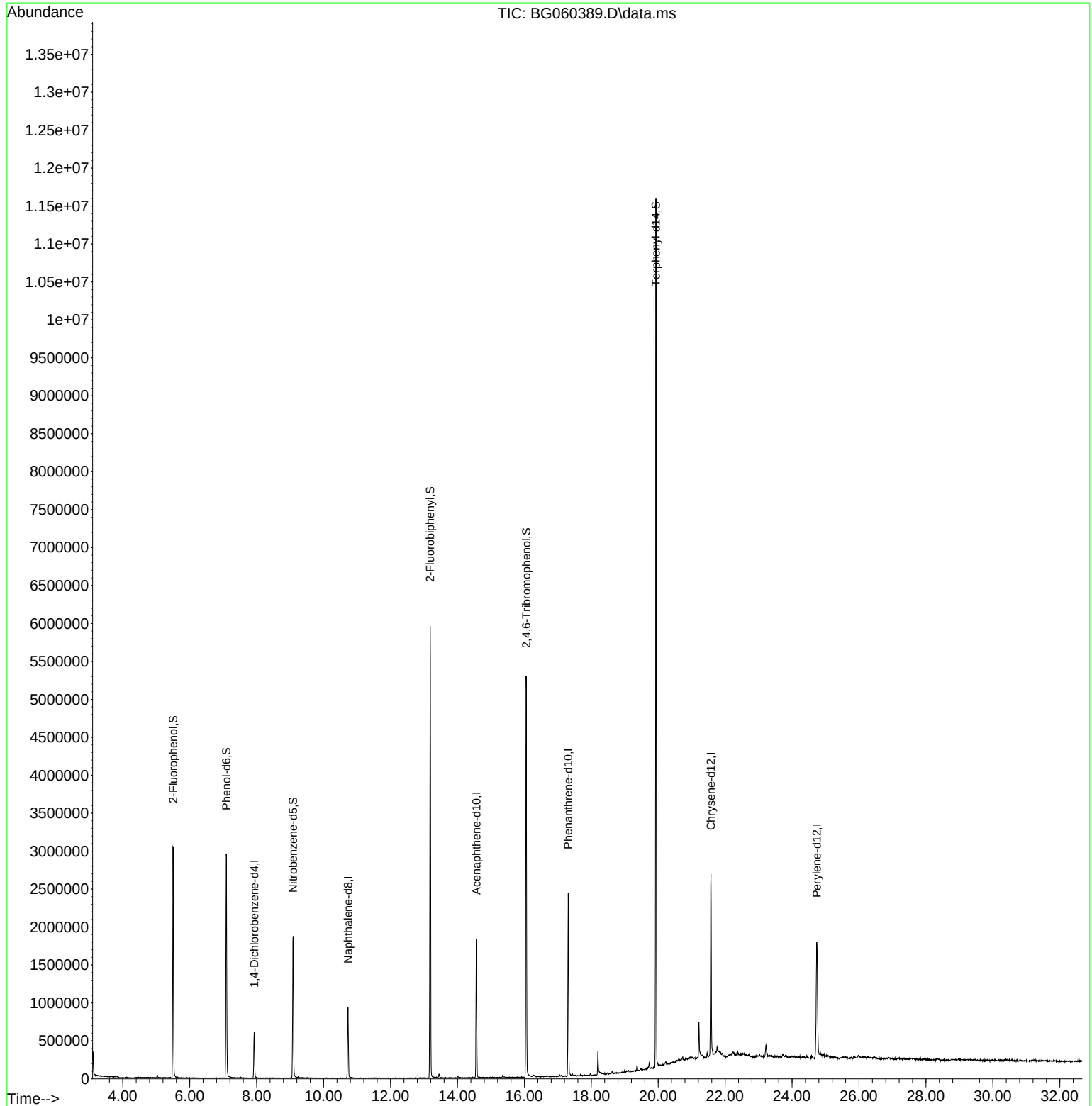
Target Compounds	Qvalue

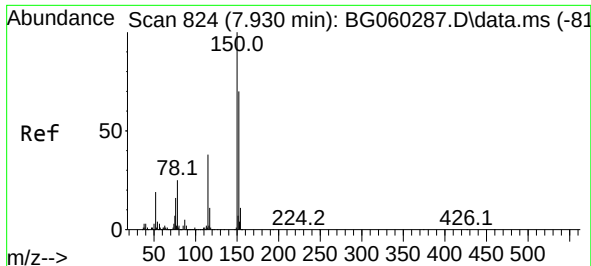
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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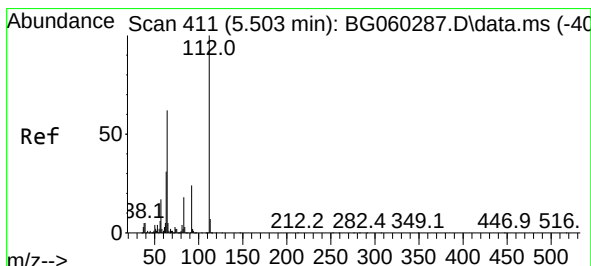
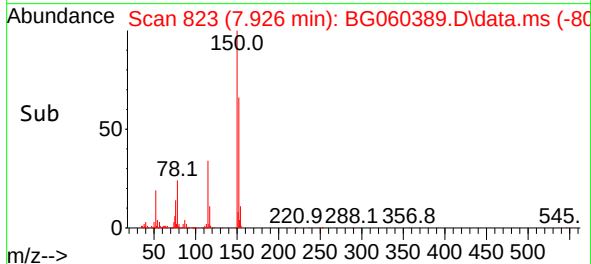
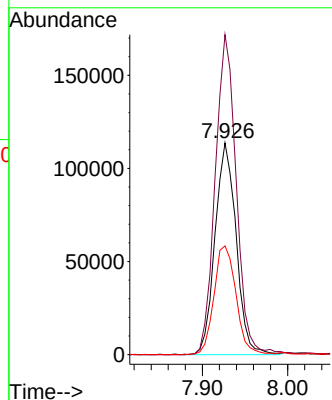
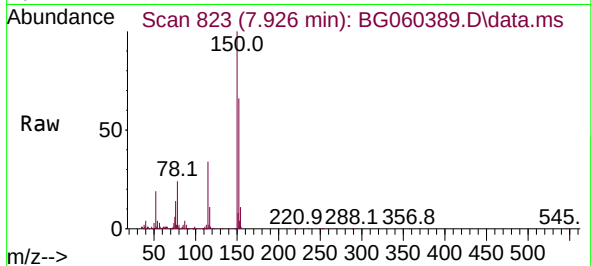




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

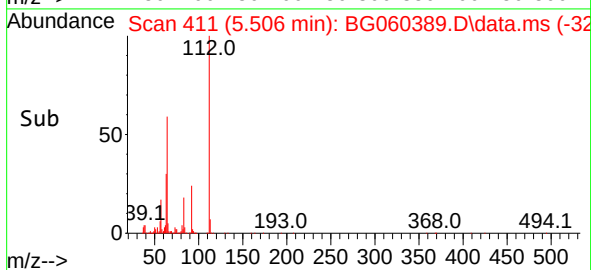
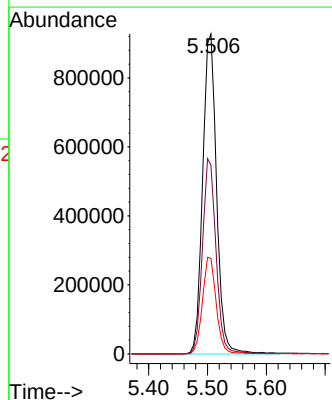
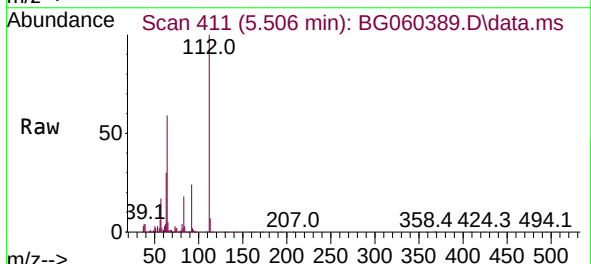
Instrument :
BNA_G
ClientSampleId :
EC68-SOUTH

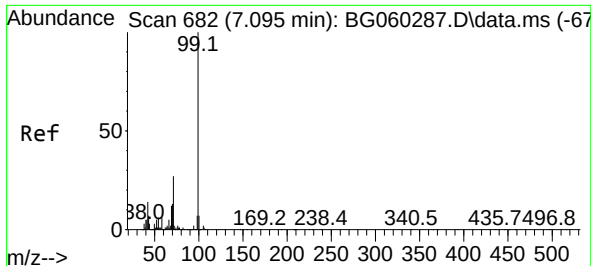
Tgt Ion:152 Resp: 195945
Ion Ratio Lower Upper
152 100
150 151.2 114.5 171.7
115 51.4 43.0 64.6



#5
2-Fluorophenol
Concen: 127.927 ng
RT: 5.506 min Scan# 411
Delta R.T. 0.003 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

Tgt Ion:112 Resp: 1524003
Ion Ratio Lower Upper
112 100
64 59.0 49.8 74.6
63 29.8 24.4 36.6

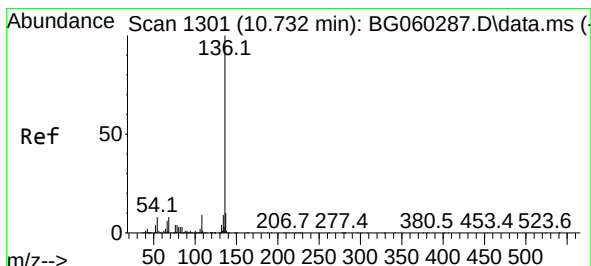
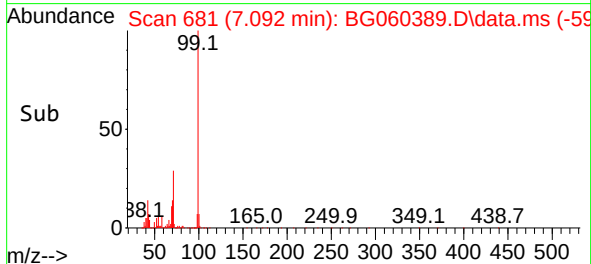
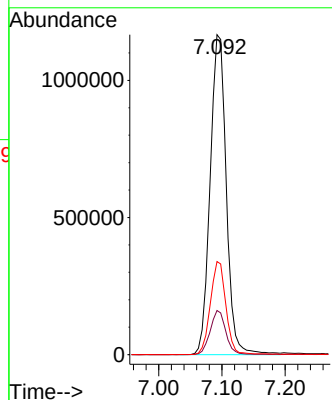
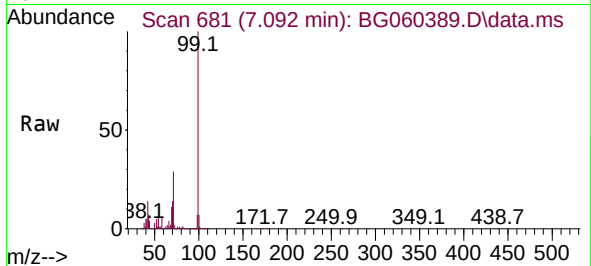




#7
Phenol-d6
Concen: 117.415 ng
RT: 7.092 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

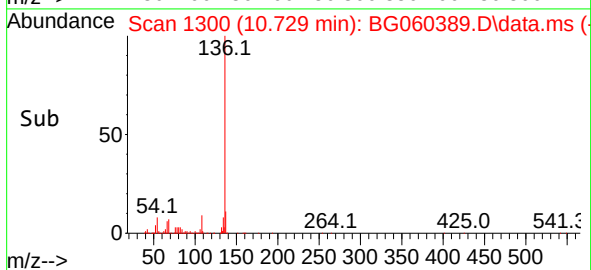
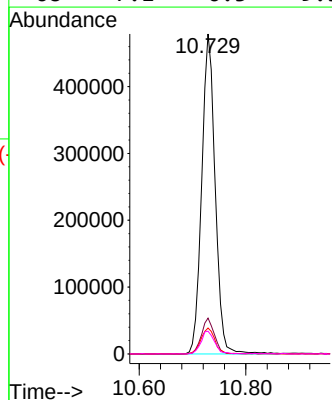
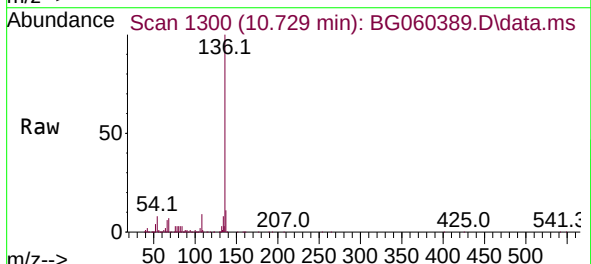
Instrument :
BNA_G
ClientSampleId :
EC68-SOUTH

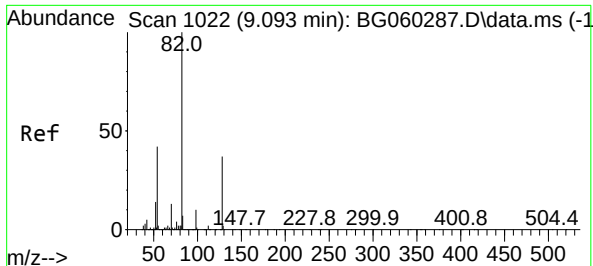
Tgt Ion: 99 Resp: 2071261
Ion Ratio Lower Upper
99 100
42 13.8 10.9 16.3
71 29.1 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.729 min Scan# 1300
Delta R.T. -0.003 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

Tgt Ion: 136 Resp: 837229
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 8.1 6.2 9.2
68 7.1 6.3 9.5





#23

Nitrobenzene-d5

Concen: 73.556 ng

RT: 9.090 min Scan# 1022

Delta R.T. -0.003 min

Lab File: BG060389.D

Acq: 22 Jan 2024 17:47

Instrument :

BNA_G

ClientSampleId :

EC68-SOUTH

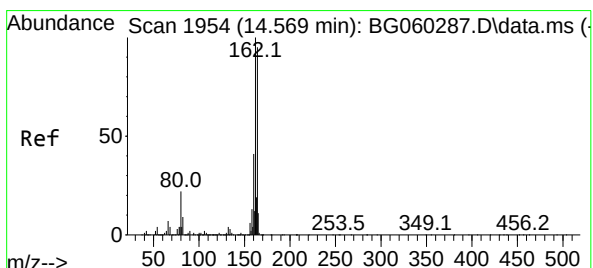
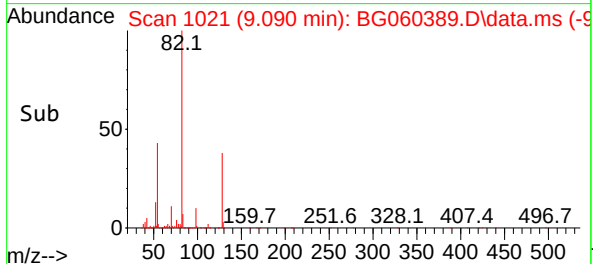
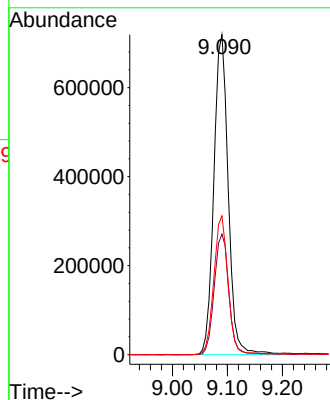
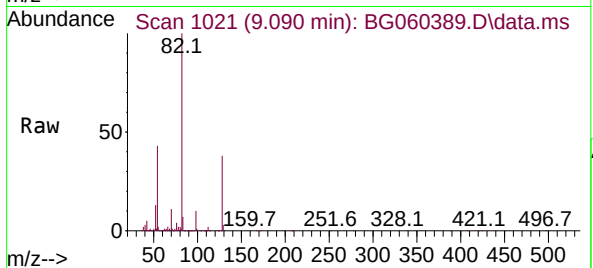
Tgt Ion: 82 Resp: 1304172

Ion Ratio Lower Upper

82 100

128 37.6 29.6 44.4

54 43.4 33.6 50.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.566 min Scan# 1953

Delta R.T. -0.003 min

Lab File: BG060389.D

Acq: 22 Jan 2024 17:47

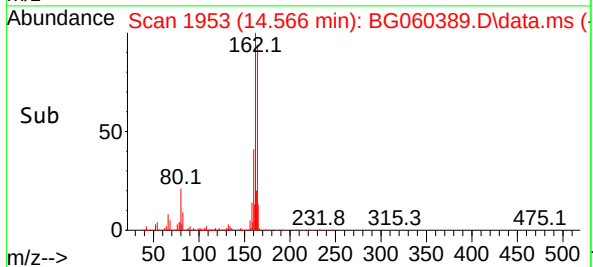
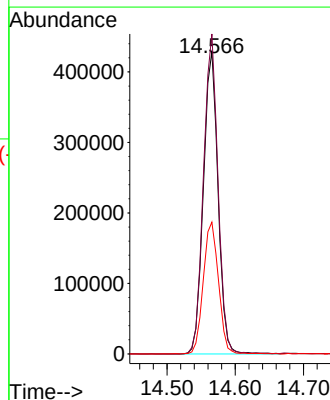
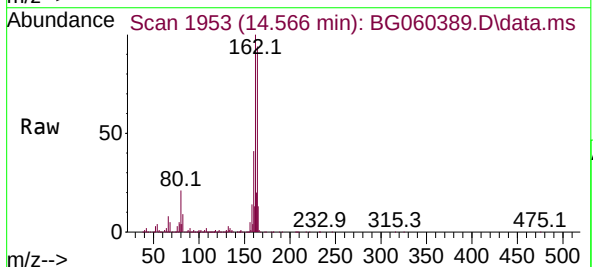
Tgt Ion:164 Resp: 639483

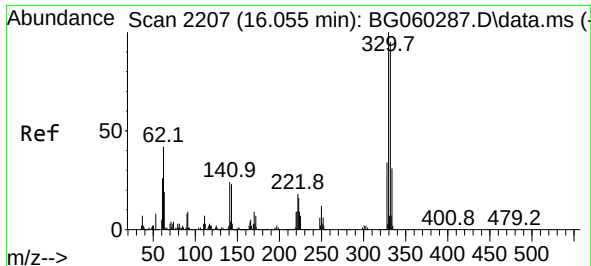
Ion Ratio Lower Upper

164 100

162 105.8 84.4 126.6

160 43.6 34.6 52.0

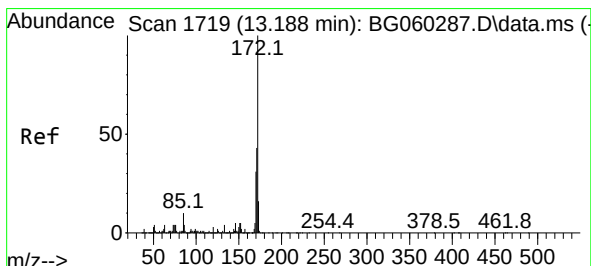
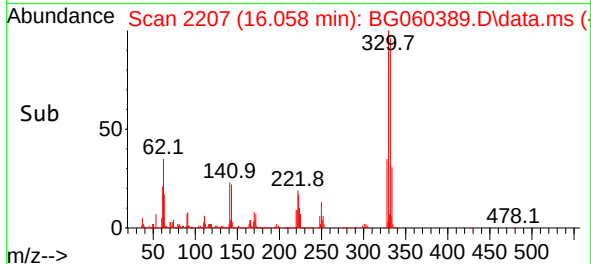
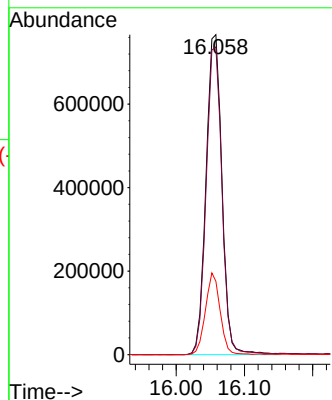
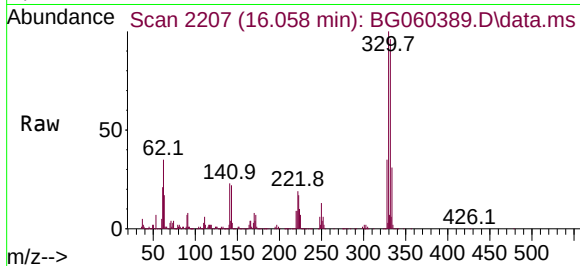




#42
2,4,6-Tribromophenol
Concen: 132.112 ng
RT: 16.058 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

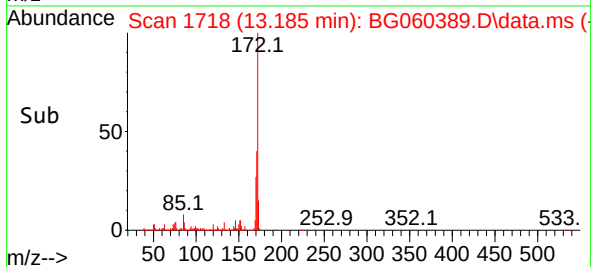
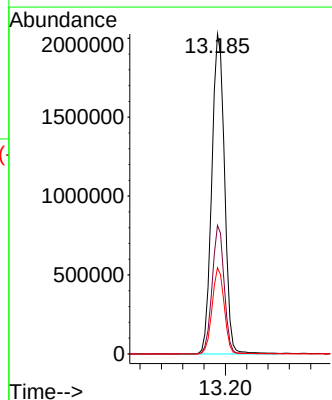
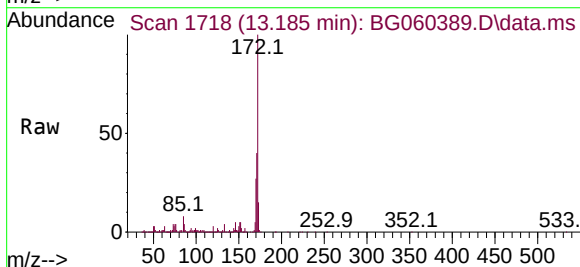
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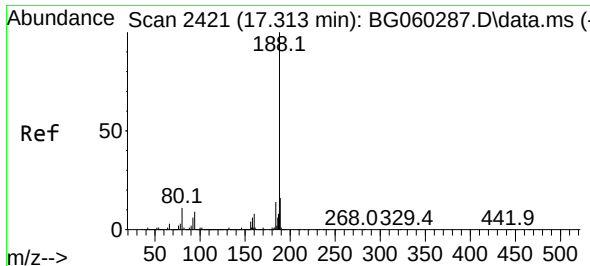
Tgt Ion:330 Resp: 1242990
Ion Ratio Lower Upper
330 100
332 95.4 76.7 115.1
141 23.5 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 73.256 ng
RT: 13.185 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

Tgt Ion:172 Resp: 3369431
Ion Ratio Lower Upper
172 100
171 40.2 34.6 51.8
170 26.9 24.4 36.6

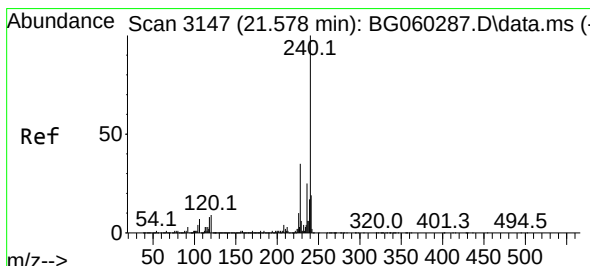
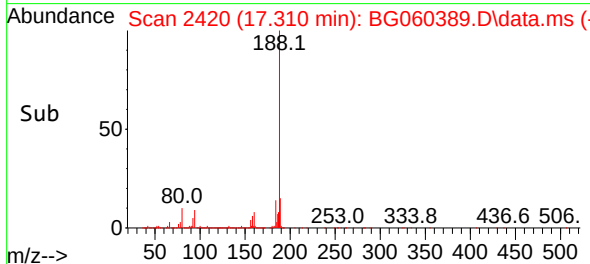
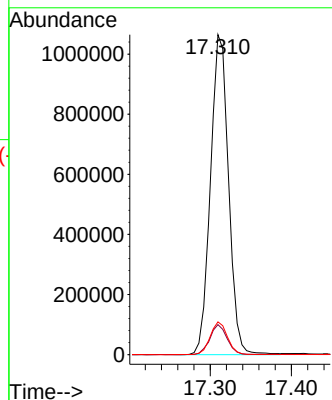
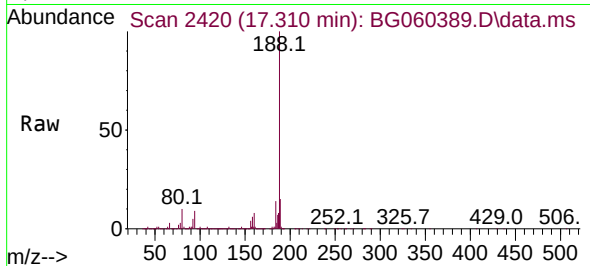




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

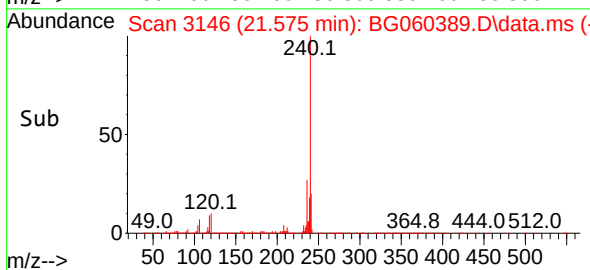
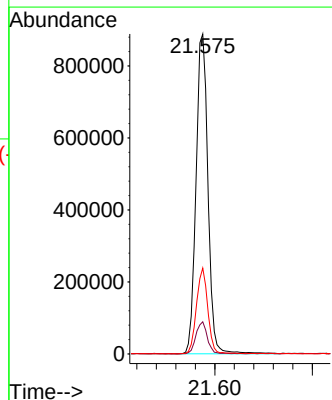
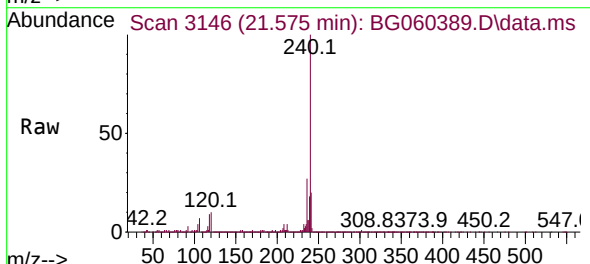
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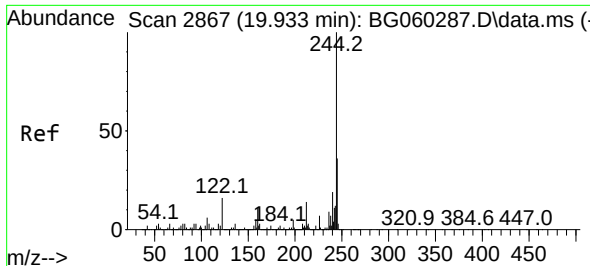
Tgt Ion:188 Resp: 1647769
Ion Ratio Lower Upper
188 100
94 9.4 7.1 10.7
80 10.2 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3146
Delta R.T. -0.003 min
Lab File: BG060389.D
Acq: 22 Jan 2024 17:47

Tgt Ion:240 Resp: 1500907
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 26.8 20.3 30.5

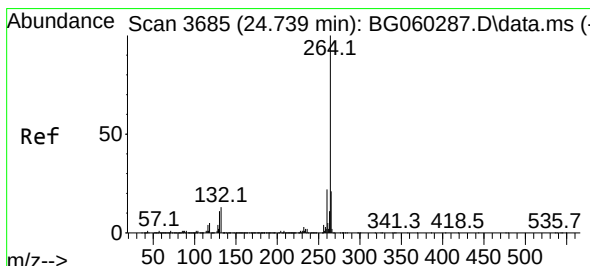
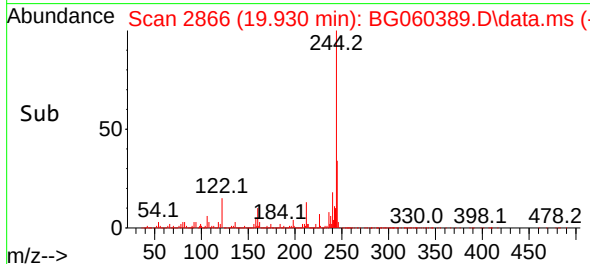
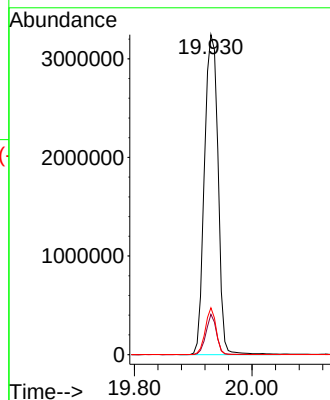
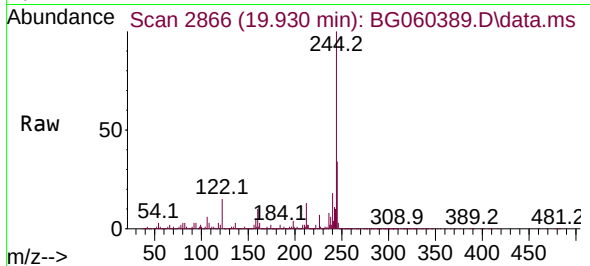




#79
 Terphenyl-d14
 Concen: 89.350 ng
 RT: 19.930 min Scan# 2867
 Delta R.T. -0.003 min
 Lab File: BG060389.D
 Acq: 22 Jan 2024 17:47

Instrument :
 BNA_G
 ClientSampleId :
 EC68-SOUTH

Tgt Ion:244 Resp: 5216686
 Ion Ratio Lower Upper
 244 100
 212 12.6 10.9 16.3
 122 14.6 12.6 18.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.736 min Scan# 3684
 Delta R.T. -0.003 min
 Lab File: BG060389.D
 Acq: 22 Jan 2024 17:47

Tgt Ion:264 Resp: 1705816
 Ion Ratio Lower Upper
 264 100
 260 24.4 17.8 26.6
 265 22.3 16.8 25.2

