

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060048.D
 Acq On : 15 Dec 2023 23:57
 Operator : MA/JU
 Sample : 05803-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 600572408-

Quant Time: Dec 16 02:08:08 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.953	152	58374	20.000	ng	0.00
21) Naphthalene-d8	10.762	136	220343	20.000	ng	0.00
39) Acenaphthene-d10	14.593	164	180102	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	576797	20.000	ng	# 0.00
76) Chrysene-d12	21.608	240	750454	20.000	ng	0.00
86) Perylene-d12	24.798	264	812554	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	433382	127.092	ng	0.00
7) Phenol-d6	7.113	99	554105	115.518	ng	0.00
23) Nitrobenzene-d5	9.117	82	420244	86.604	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	566792	135.040	ng	0.00
45) 2-Fluorobiphenyl	13.218	172	1275744	86.694	ng	0.00
79) Terphenyl-d14	19.963	244	3729765	90.738	ng	0.00

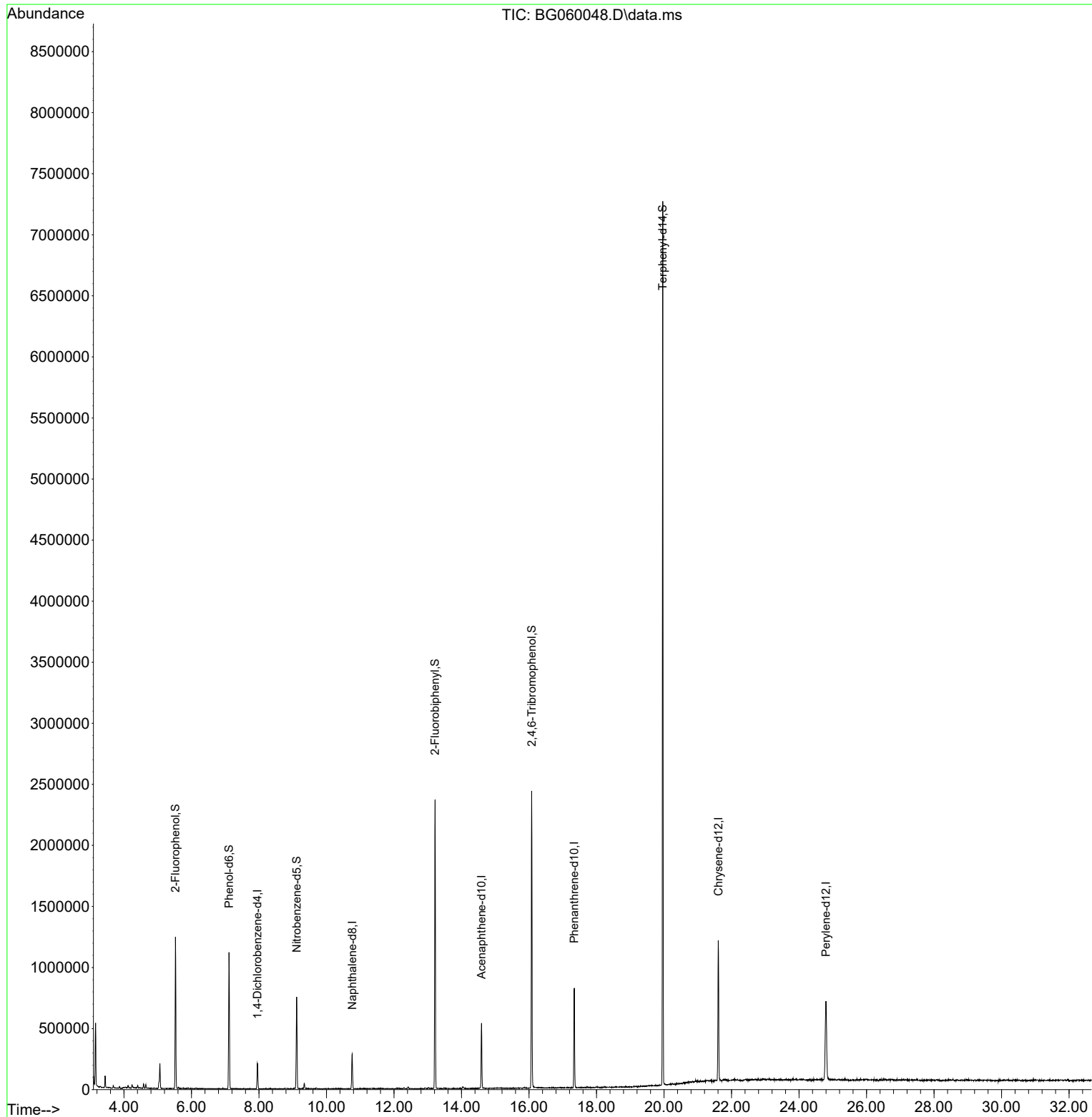
Target Compounds	Qvalue

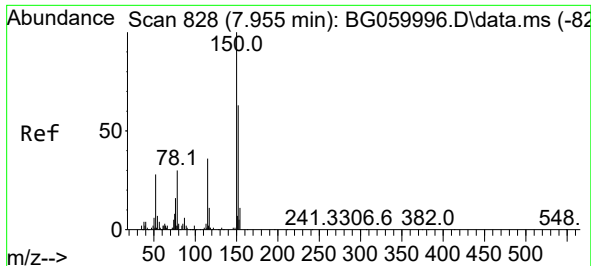
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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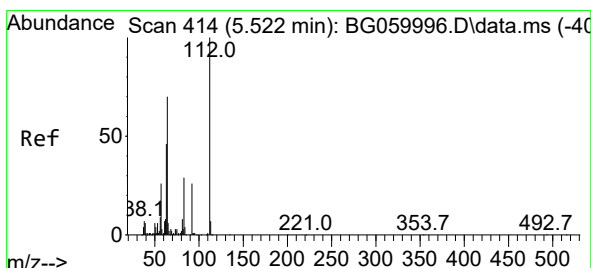
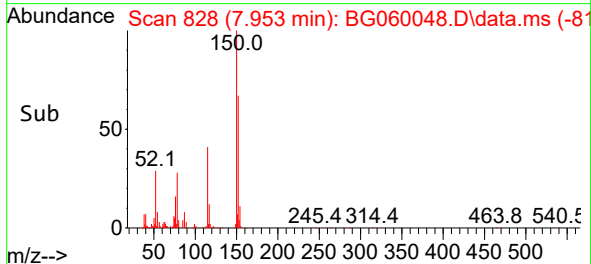
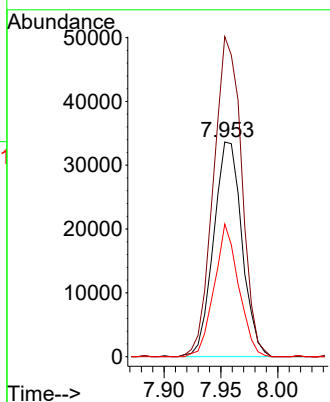
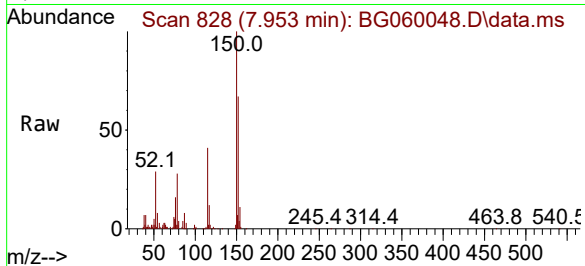




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.953 min Scan# 81
 Delta R.T. -0.002 min
 Lab File: BG060048.D
 Acq: 15 Dec 2023 23:57

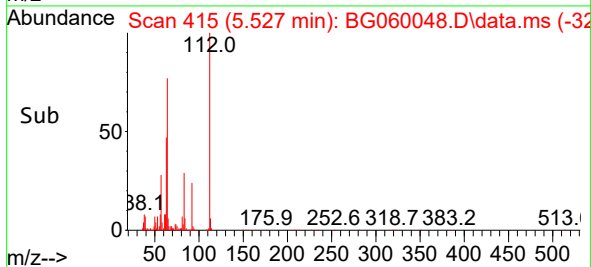
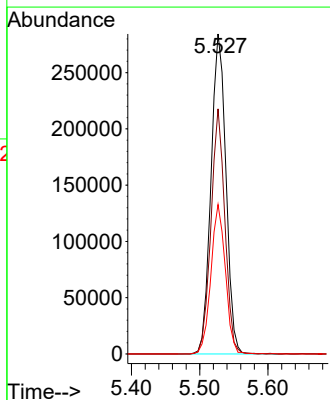
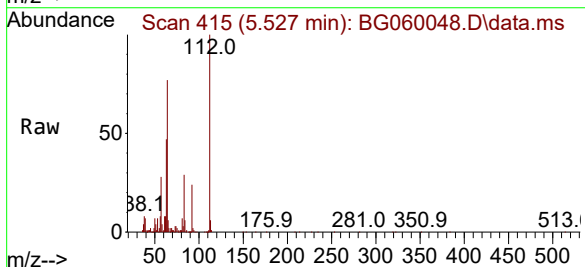
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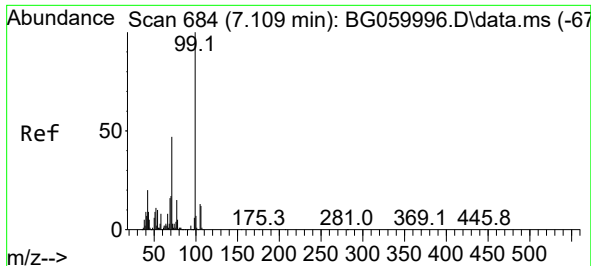
Tgt Ion:152 Resp: 58374
 Ion Ratio Lower Upper
 152 100
 150 149.1 127.0 190.6
 115 61.8 45.7 68.5



#5
 2-Fluorophenol
 Concen: 127.092 ng
 RT: 5.527 min Scan# 415
 Delta R.T. 0.005 min
 Lab File: BG060048.D
 Acq: 15 Dec 2023 23:57

Tgt Ion:112 Resp: 433382
 Ion Ratio Lower Upper
 112 100
 64 76.6 55.9 83.9
 63 46.7 36.5 54.7

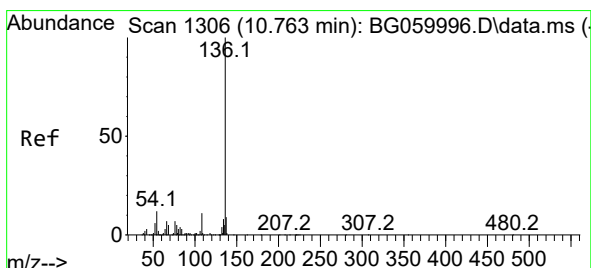
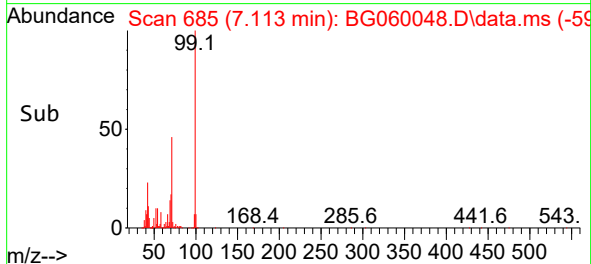
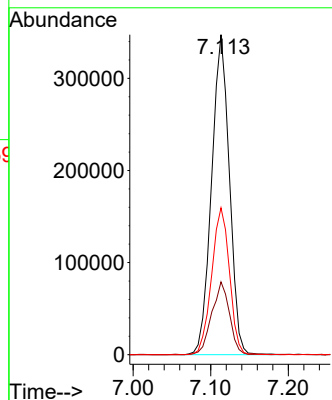
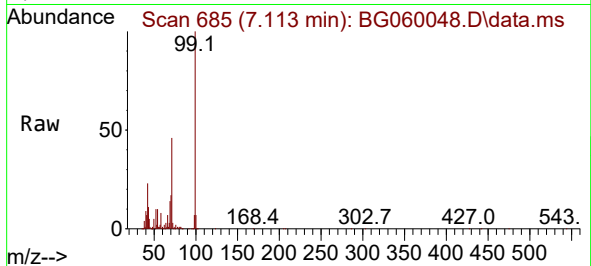




#7
Phenol-d6
Concen: 115.518 ng
RT: 7.113 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG060048.D
Acq: 15 Dec 2023 23:57

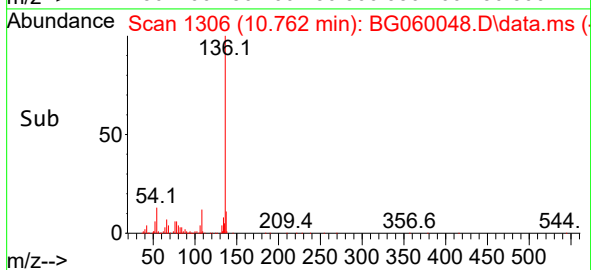
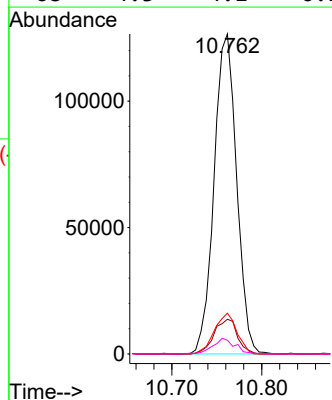
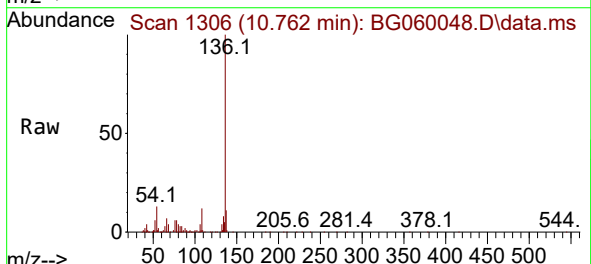
Instrument :
BNA_G
ClientSampleId :
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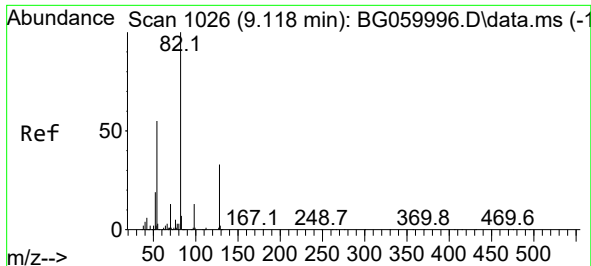
Tgt Ion: 99 Resp: 554105
Ion Ratio Lower Upper
99 100
42 22.8 16.2 24.4
71 45.9 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.762 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG060048.D
Acq: 15 Dec 2023 23:57

Tgt Ion:136 Resp: 220343
Ion Ratio Lower Upper
136 100
137 10.8 7.3 10.9
54 12.8 9.6 14.4
68 4.3 4.1 6.1

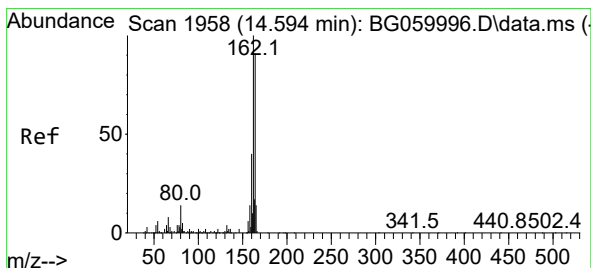
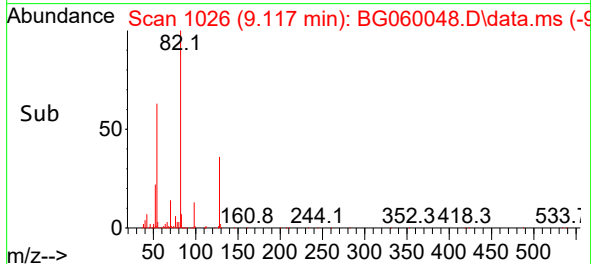
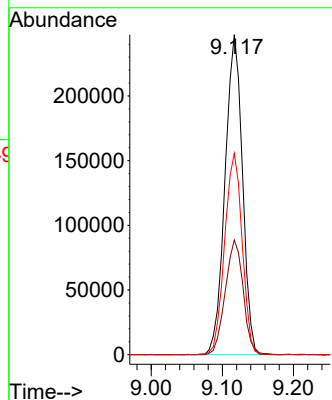
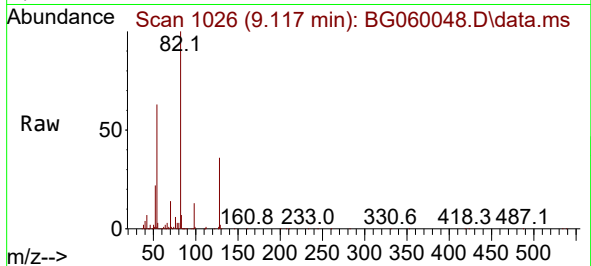




#23
Nitrobenzene-d5
Concen: 86.604 ng
RT: 9.117 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG060048.D
Acq: 15 Dec 2023 23:57

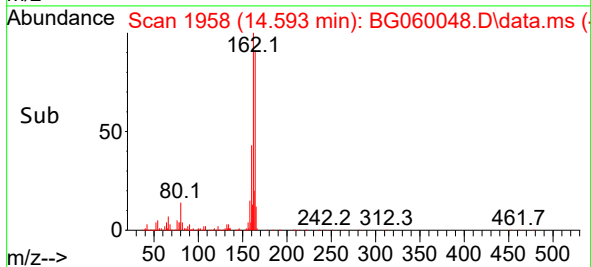
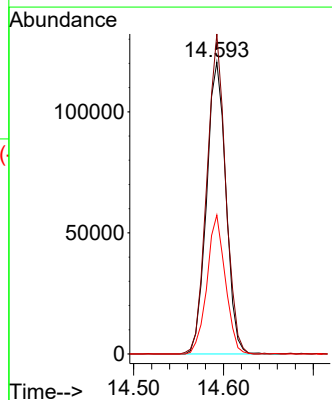
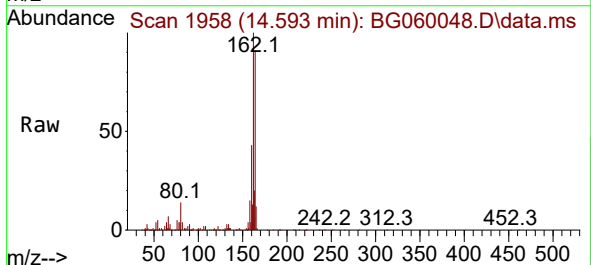
Instrument :
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ClientSampleId :
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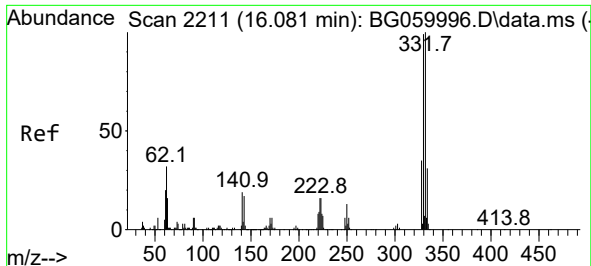
Tgt Ion: 82 Resp: 420244
Ion Ratio Lower Upper
82 100
128 35.9 26.3 39.5
54 62.9 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.593 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG060048.D
Acq: 15 Dec 2023 23:57

Tgt Ion:164 Resp: 180102
Ion Ratio Lower Upper
164 100
162 109.6 88.1 132.1
160 47.6 35.4 53.0

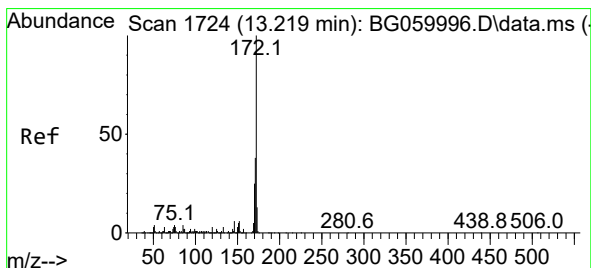
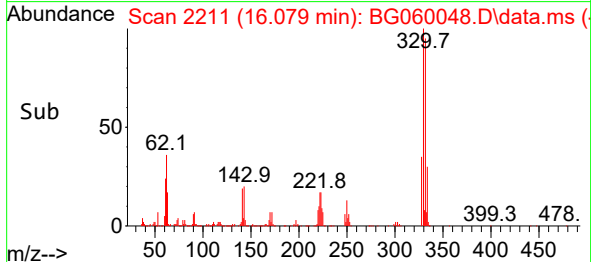
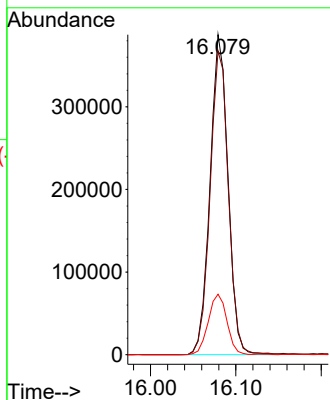
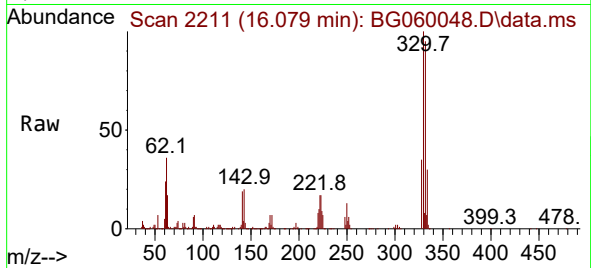




#42
2,4,6-Tribromophenol
Concen: 135.040 ng
RT: 16.079 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060048.D
Acq: 15 Dec 2023 23:57

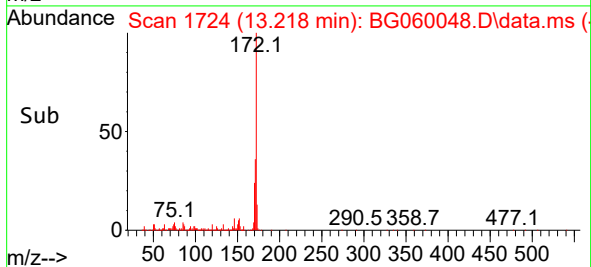
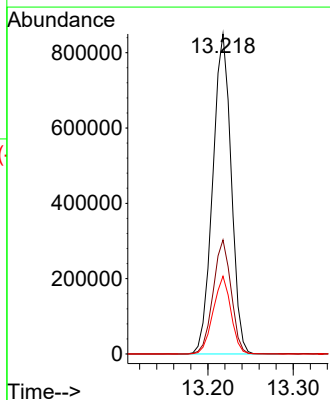
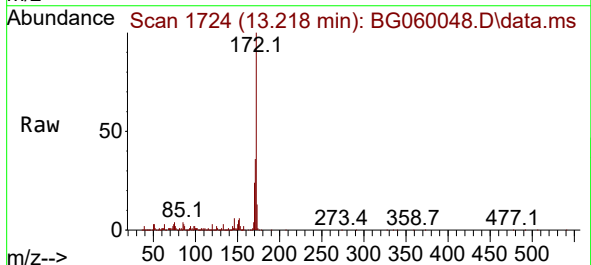
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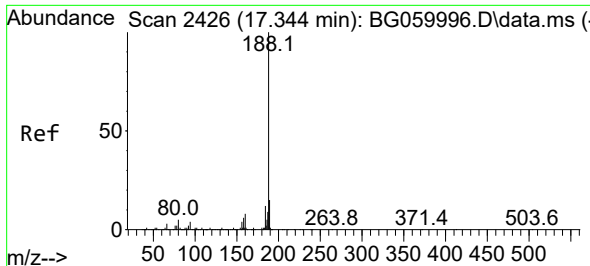
Tgt Ion:330 Resp: 566792
Ion Ratio Lower Upper
330 100
332 96.9 76.2 114.4
141 19.6 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 86.694 ng
RT: 13.218 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG060048.D
Acq: 15 Dec 2023 23:57

Tgt Ion:172 Resp: 1275744
Ion Ratio Lower Upper
172 100
171 35.6 30.1 45.1
170 24.3 20.0 30.0

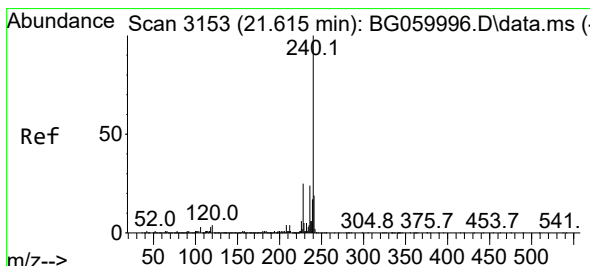
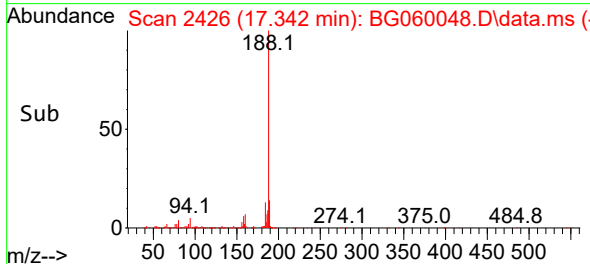
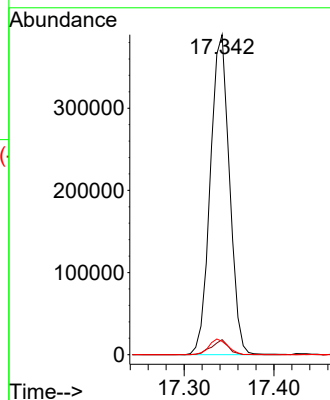
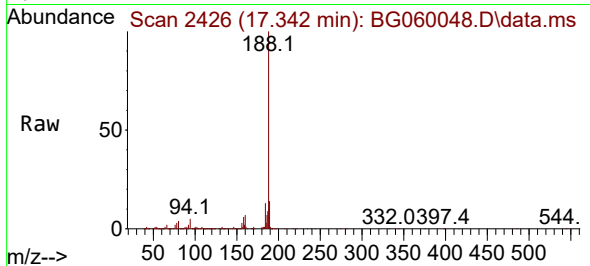




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.342 min Scan# 2426
Delta R.T. -0.002 min
Lab File: BG060048.D
Acq: 15 Dec 2023 23:57

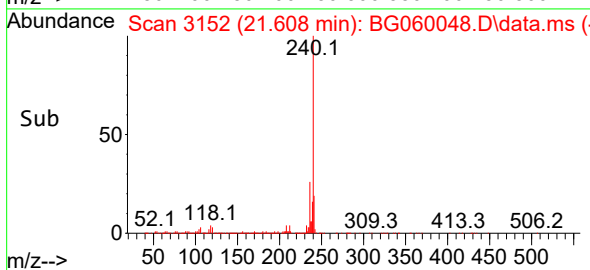
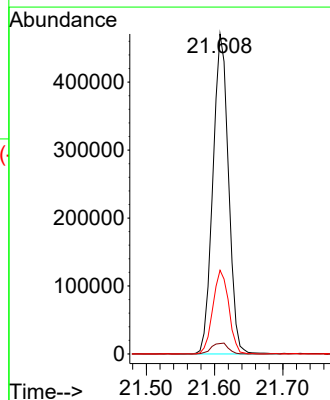
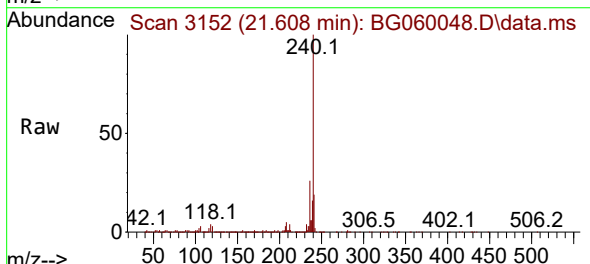
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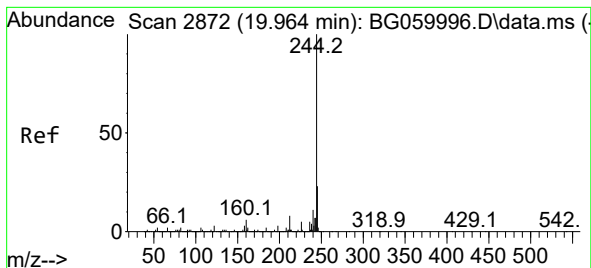
Tgt Ion:188 Resp: 576797
Ion Ratio Lower Upper
188 100
94 4.7 3.0 4.6#
80 4.2 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.608 min Scan# 3152
Delta R.T. -0.007 min
Lab File: BG060048.D
Acq: 15 Dec 2023 23:57

Tgt Ion:240 Resp: 750454
Ion Ratio Lower Upper
240 100
120 3.2 2.9 4.3
236 26.2 19.4 29.2





#79

Terphenyl-d14

Concen: 90.738 ng

RT: 19.963 min Scan# 21

Delta R.T. -0.002 min

Lab File: BG060048.D

Acq: 15 Dec 2023 23:57

Instrument :

BNA_G

ClientSampleId :

600572408-

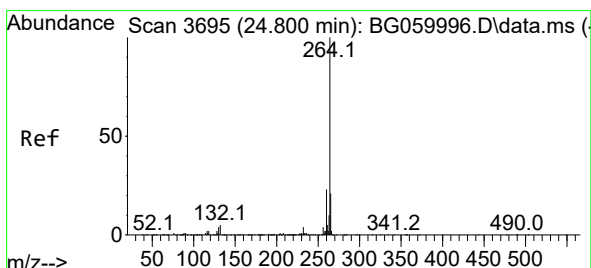
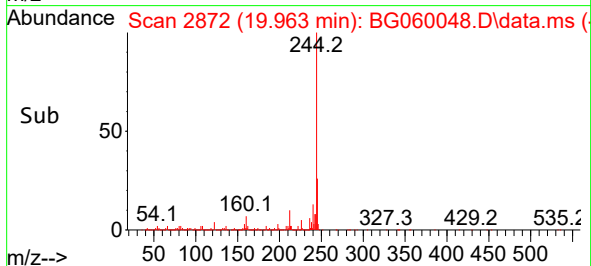
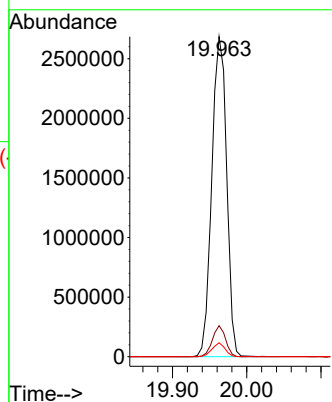
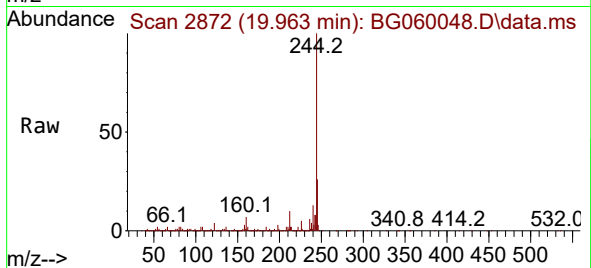
Tgt Ion:244 Resp: 3729765

Ion Ratio Lower Upper

244 100

212 9.7 6.8 10.2

122 4.4 2.6 3.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.798 min Scan# 3695

Delta R.T. -0.001 min

Lab File: BG060048.D

Acq: 15 Dec 2023 23:57

Tgt Ion:264 Resp: 812554

Ion Ratio Lower Upper

264 100

260 24.6 18.5 27.7

265 21.2 17.3 25.9

