

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012324\
 Data File : BG060411.D
 Acq On : 23 Jan 2024 19:59
 Operator : MA/JU
 Sample : P1221-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-A

Quant Time: Jan 24 03:18:42 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)

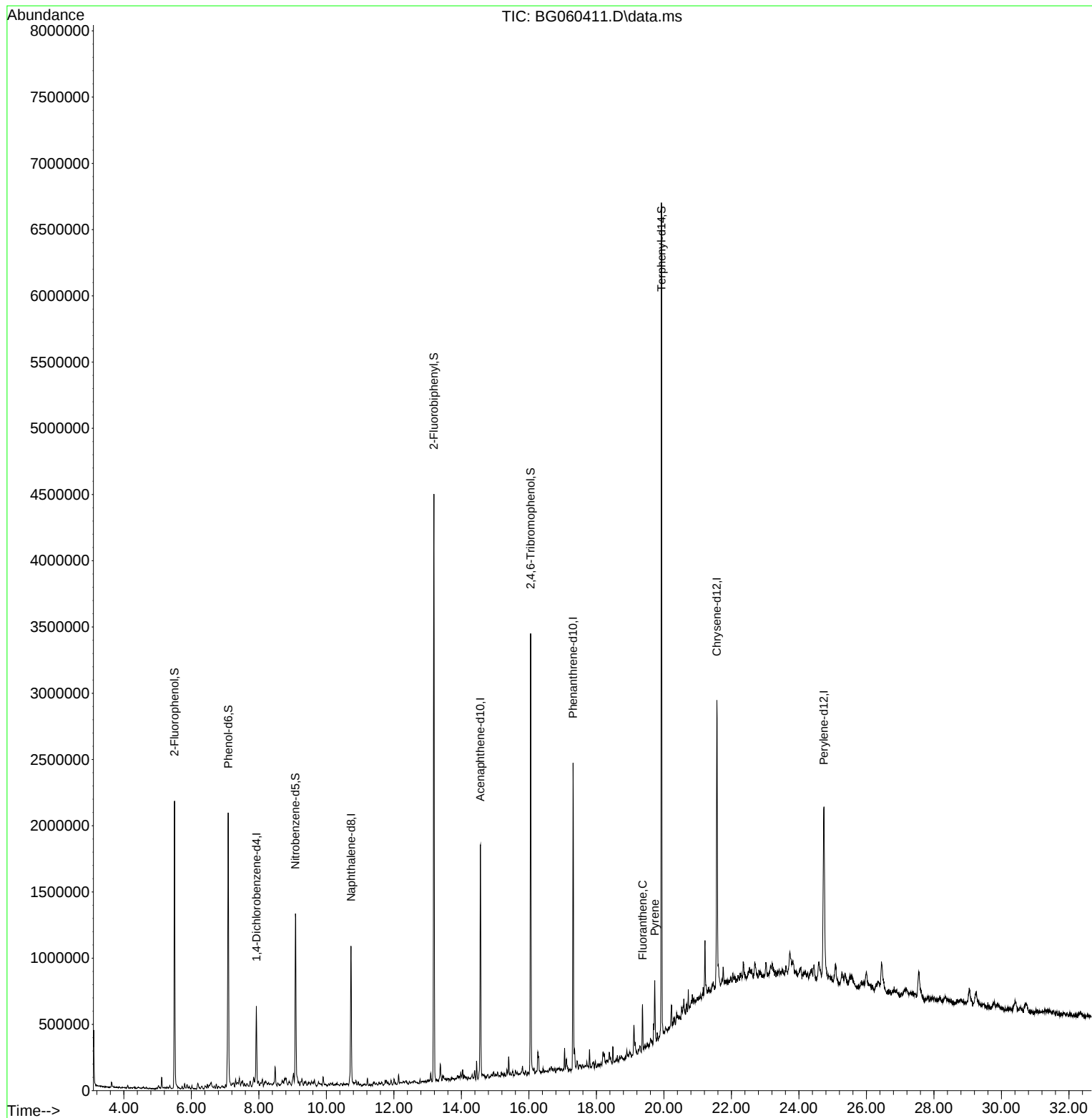
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.927	152	191847	20.000	ng	0.00
21) Naphthalene-d8	10.730	136	937666	20.000	ng	0.00
39) Acenaphthene-d10	14.560	164	658401	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1528661	20.000	ng	0.00
76) Chrysene-d12	21.570	240	1347700	20.000	ng	0.00
86) Perylene-d12	24.737	264	1519649	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.500	112	1033957	88.646	ng	0.00
7) Phenol-d6	7.093	99	1442783	83.535	ng	0.00
23) Nitrobenzene-d5	9.084	82	916756	46.167	ng	0.00
42) 2,4,6-Tribromophenol	16.053	330	756031	78.046	ng	0.00
45) 2-Fluorobiphenyl	13.185	172	2488025	52.539	ng	0.00
79) Terphenyl-d14	19.931	244	3374603	55.253	ng	0.00
Target Compounds						
75) Fluoranthene	19.366	202	229641	2.588	ng	Qvalue 89
78) Pyrene	19.731	202	288298	3.350	ng	# 85

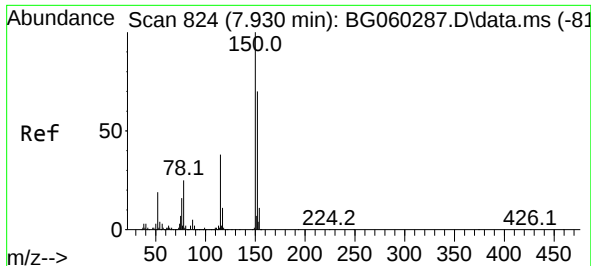
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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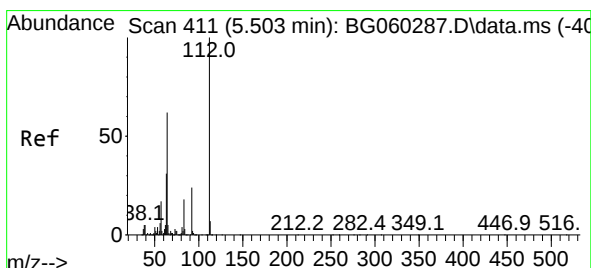
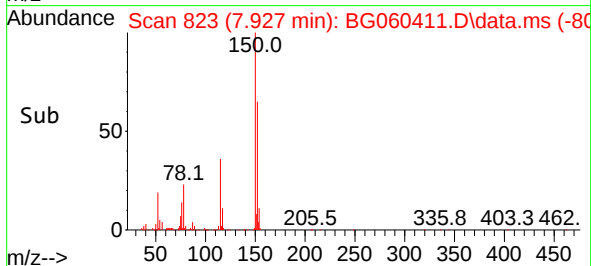
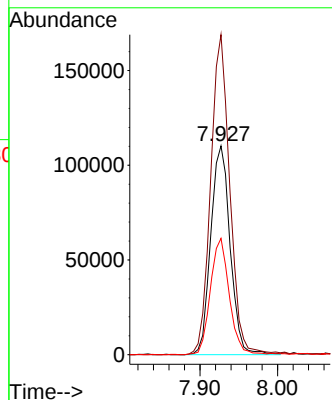
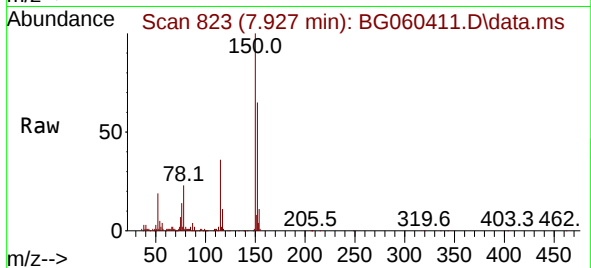




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.927 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060411.D
Acq: 23 Jan 2024 19:59

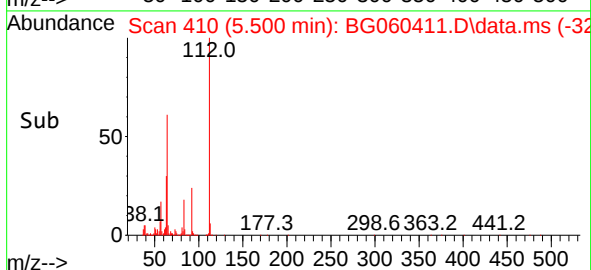
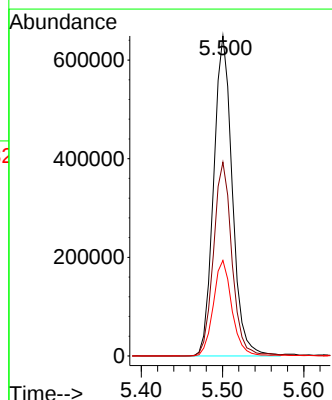
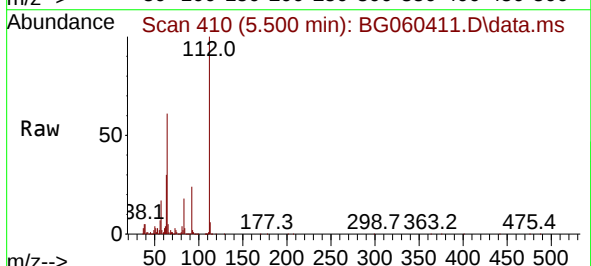
Instrument :
BNA_G
ClientSampleId :
MH-A

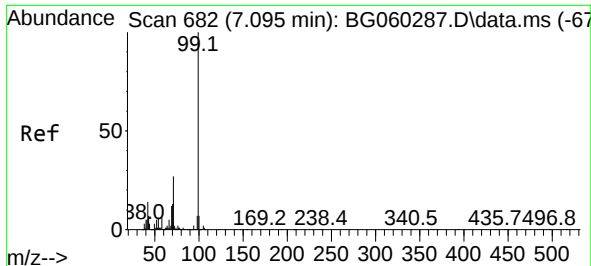
Tgt Ion:152 Resp: 191847
Ion Ratio Lower Upper
152 100
150 153.3 114.5 171.7
115 55.7 43.0 64.6



#5
2-Fluorophenol
Concen: 88.646 ng
RT: 5.500 min Scan# 410
Delta R.T. -0.003 min
Lab File: BG060411.D
Acq: 23 Jan 2024 19:59

Tgt Ion:112 Resp: 1033957
Ion Ratio Lower Upper
112 100
64 60.6 49.8 74.6
63 29.8 24.4 36.6

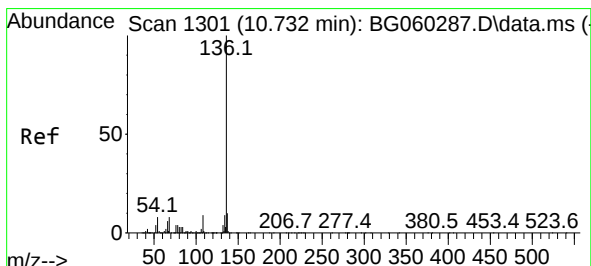
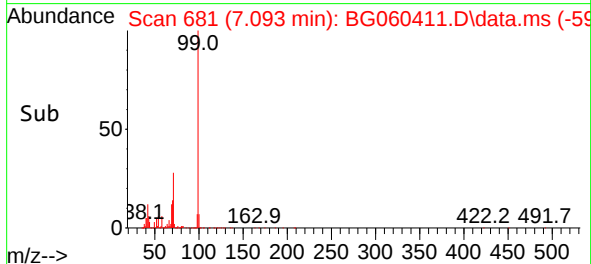
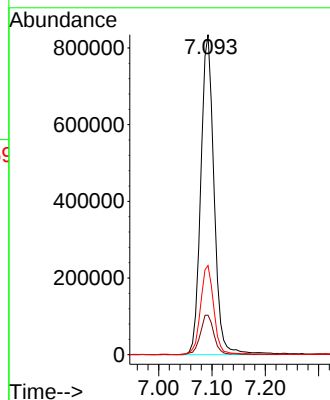
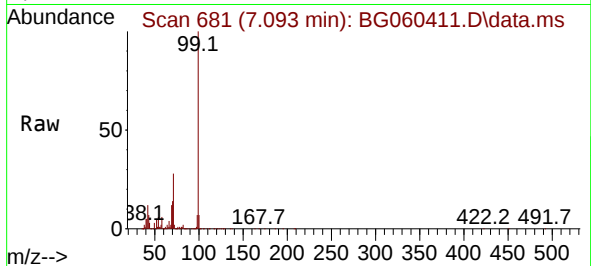




#7
Phenol-d6
Concen: 83.535 ng
RT: 7.093 min Scan# 61
Delta R.T. -0.003 min
Lab File: BG060411.D
Acq: 23 Jan 2024 19:59

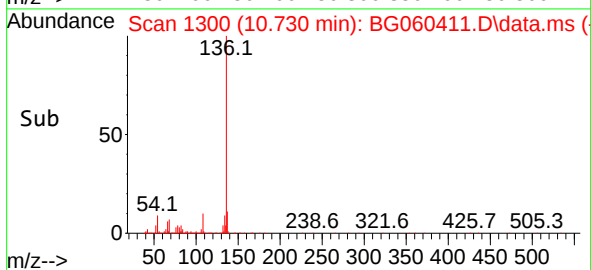
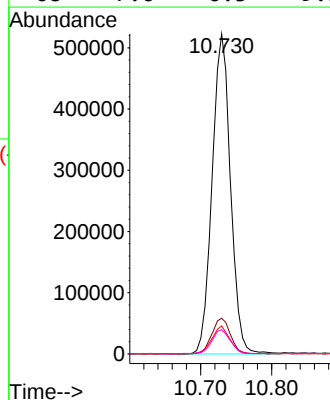
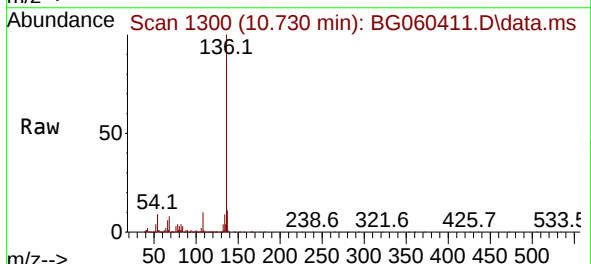
Instrument :
BNA_G
ClientSampleId :
MH-A

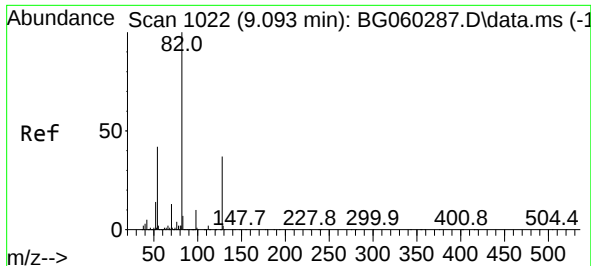
Tgt Ion: 99 Resp: 1442783
Ion Ratio Lower Upper
99 100
42 12.3 10.9 16.3
71 27.9 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.730 min Scan# 1300
Delta R.T. -0.003 min
Lab File: BG060411.D
Acq: 23 Jan 2024 19:59

Tgt Ion: 136 Resp: 937666
Ion Ratio Lower Upper
136 100
137 11.1 8.2 12.4
54 8.8 6.2 9.2
68 7.6 6.3 9.5

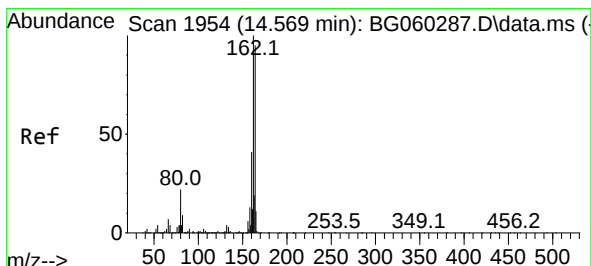
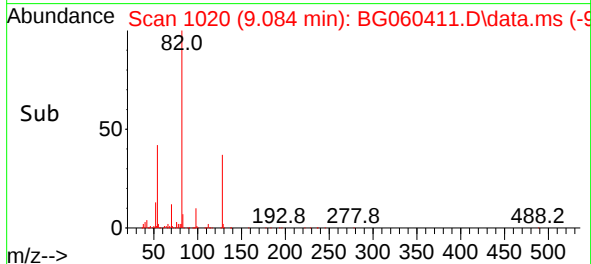
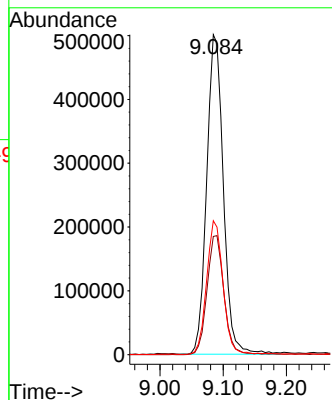
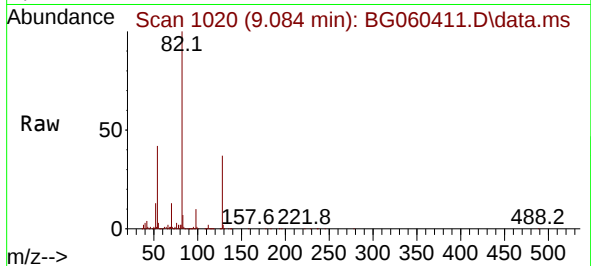




#23
Nitrobenzene-d5
Concen: 46.167 ng
RT: 9.084 min Scan# 1020
Delta R.T. -0.008 min
Lab File: BG060411.D
Acq: 23 Jan 2024 19:59

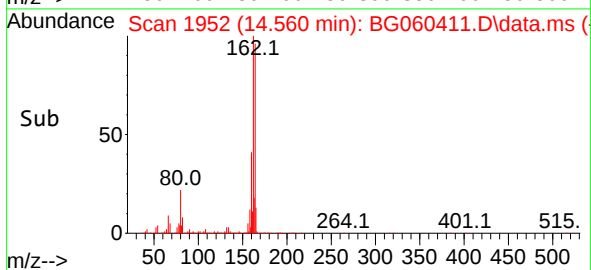
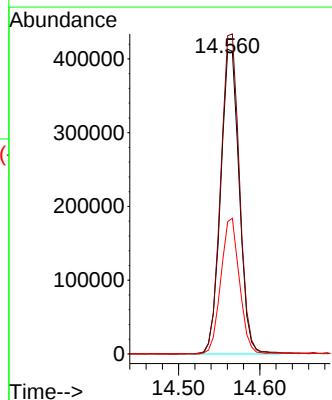
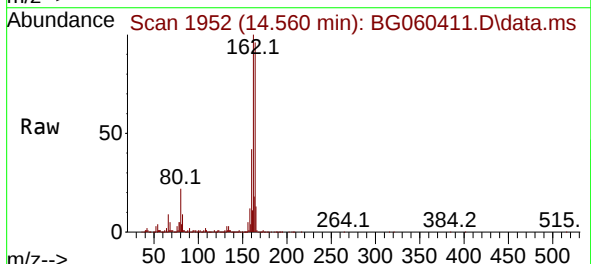
Instrument :
BNA_G
ClientSampleId :
MH-A

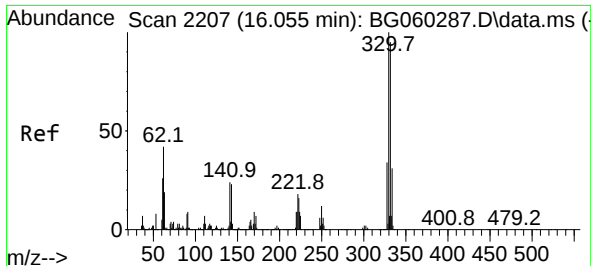
Tgt Ion: 82 Resp: 916756
Ion Ratio Lower Upper
82 100
128 37.0 29.6 44.4
54 41.9 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.560 min Scan# 1952
Delta R.T. -0.008 min
Lab File: BG060411.D
Acq: 23 Jan 2024 19:59

Tgt Ion:164 Resp: 658401
Ion Ratio Lower Upper
164 100
162 104.4 84.4 126.6
160 43.4 34.6 52.0

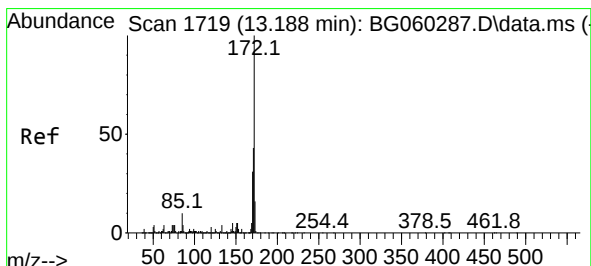
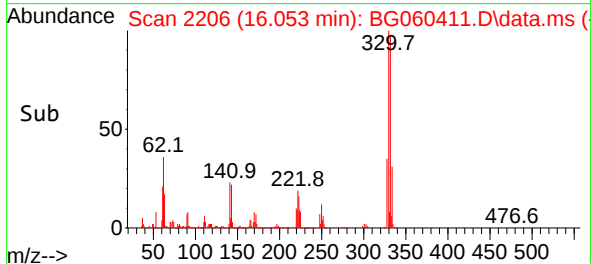
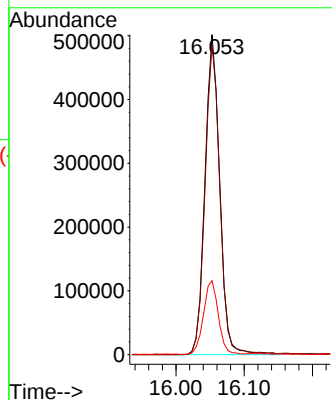
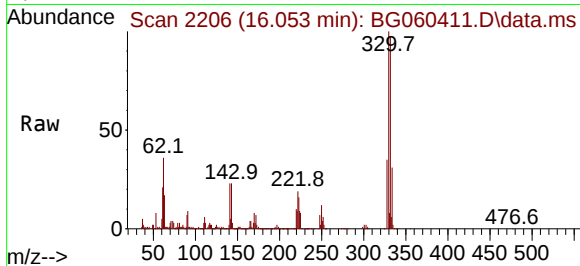




#42
2,4,6-Tribromophenol
Concen: 78.046 ng
RT: 16.053 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG060411.D
Acq: 23 Jan 2024 19:59

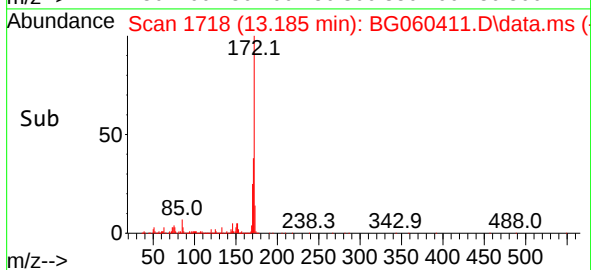
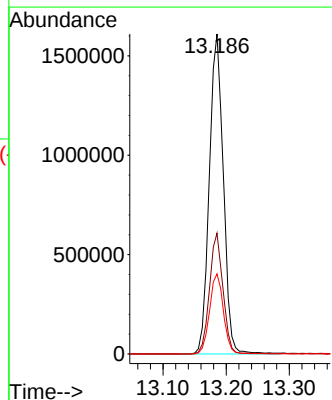
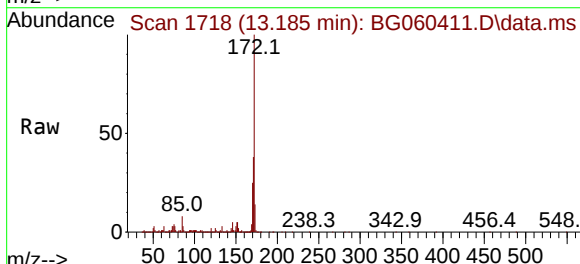
Instrument :
BNA_G
ClientSampleId :
MH-A

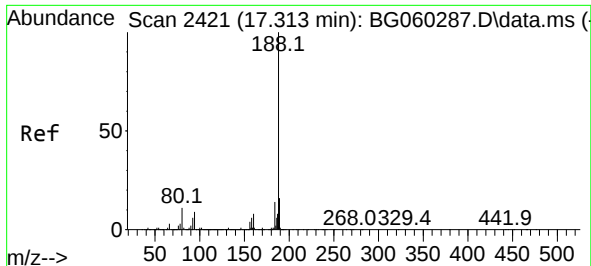
Tgt Ion:330 Resp: 756031
Ion Ratio Lower Upper
330 100
332 97.2 76.7 115.1
141 23.0 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 52.539 ng
RT: 13.185 min Scan# 1718
Delta R.T. -0.003 min
Lab File: BG060411.D
Acq: 23 Jan 2024 19:59

Tgt Ion:172 Resp: 2488025
Ion Ratio Lower Upper
172 100
171 37.8 34.6 51.8
170 25.1 24.4 36.6

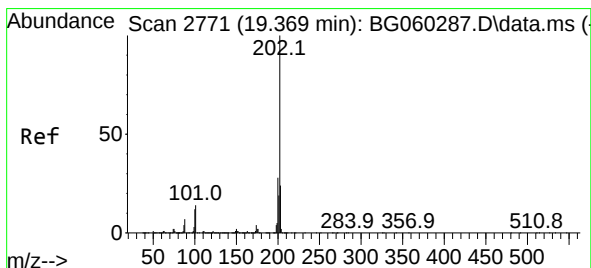
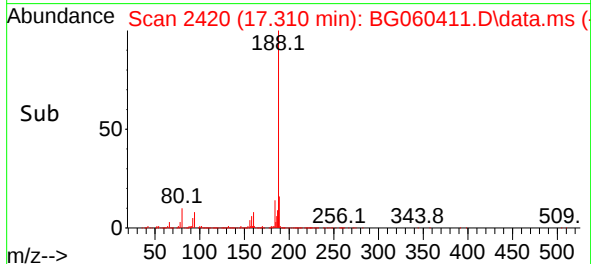
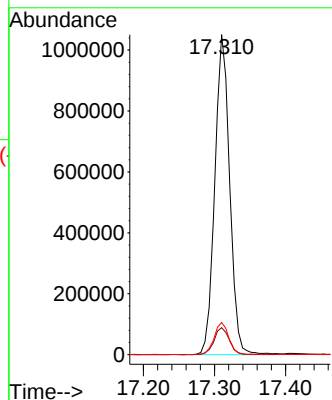
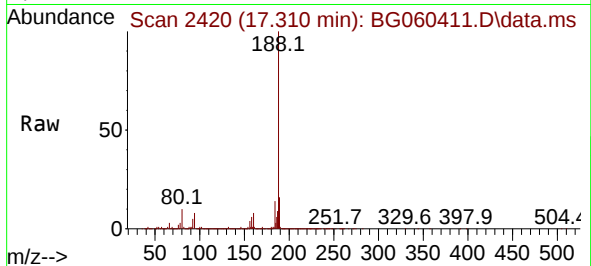




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 24
Delta R.T. -0.003 min
Lab File: BG060411.D
Acq: 23 Jan 2024 19:59

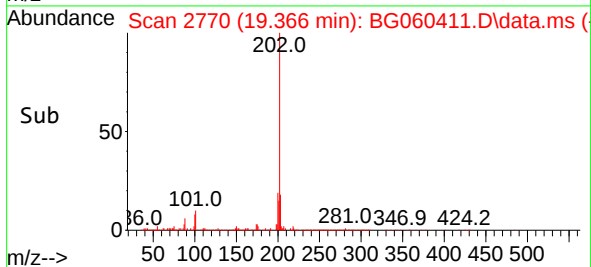
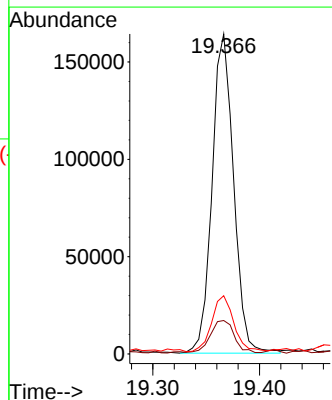
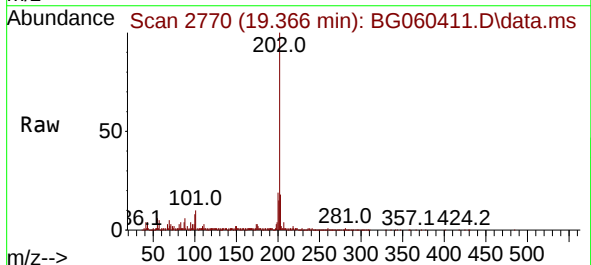
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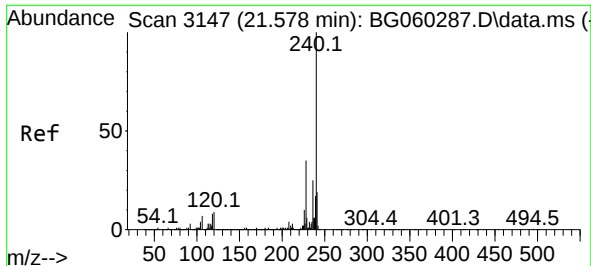
Tgt Ion:188 Resp: 1528661
Ion Ratio Lower Upper
188 100
94 8.4 7.1 10.7
80 10.1 8.5 12.7



#75
Fluoranthene
Concen: 2.588 ng
RT: 19.366 min Scan# 2770
Delta R.T. -0.003 min
Lab File: BG060411.D
Acq: 23 Jan 2024 19:59

Tgt Ion:202 Resp: 229641
Ion Ratio Lower Upper
202 100
101 10.4 0.0 34.4
203 18.2 4.0 44.0

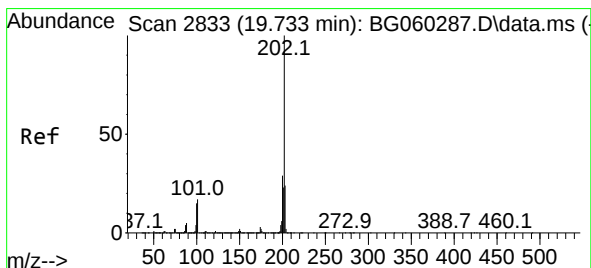
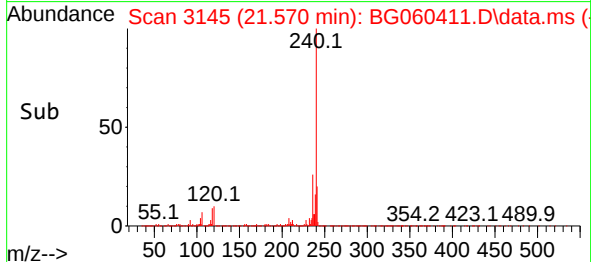
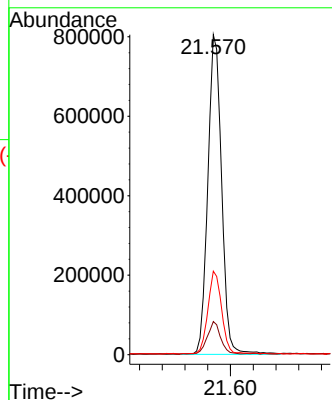
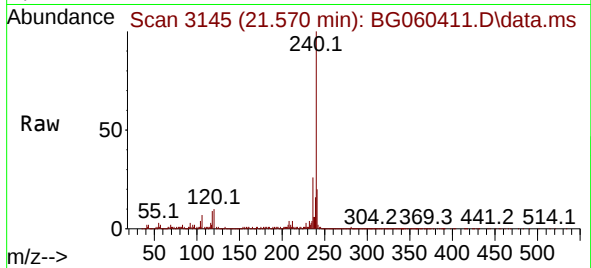




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.570 min Scan# 3145
Delta R.T. -0.009 min
Lab File: BG060411.D
Acq: 23 Jan 2024 19:59

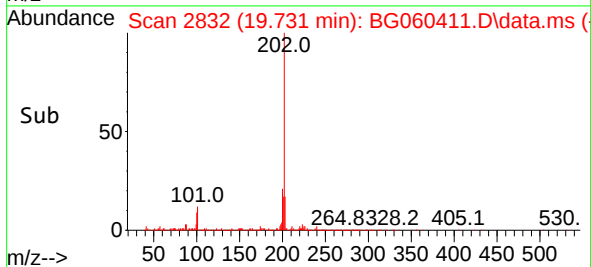
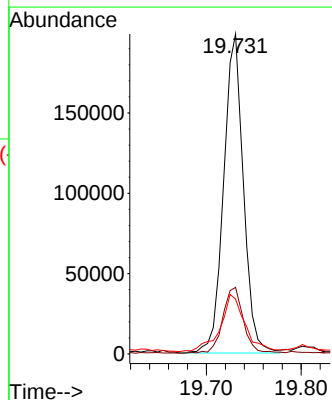
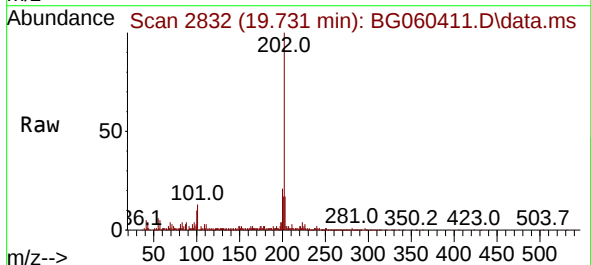
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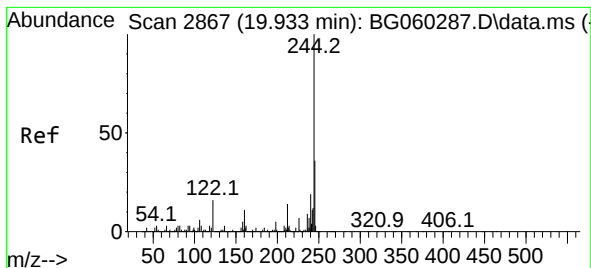
Tgt Ion:240 Resp: 1347700
Ion Ratio Lower Upper
240 100
120 10.3 7.3 10.9
236 26.1 20.3 30.5



#78
Pyrene
Concen: 3.350 ng
RT: 19.731 min Scan# 2832
Delta R.T. -0.003 min
Lab File: BG060411.D
Acq: 23 Jan 2024 19:59

Tgt Ion:202 Resp: 288298
Ion Ratio Lower Upper
202 100
200 20.8 23.5 35.3#
203 17.2 19.6 29.4#





#79

Terphenyl-d14

Concen: 55.253 ng

RT: 19.931 min Scan# 2

Delta R.T. -0.002 min

Lab File: BG060411.D

Acq: 23 Jan 2024 19:59

Instrument :

BNA_G

ClientSampleId :

MH-A

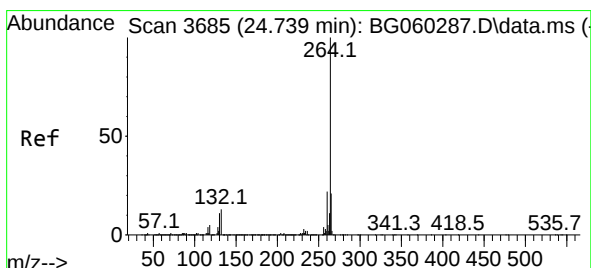
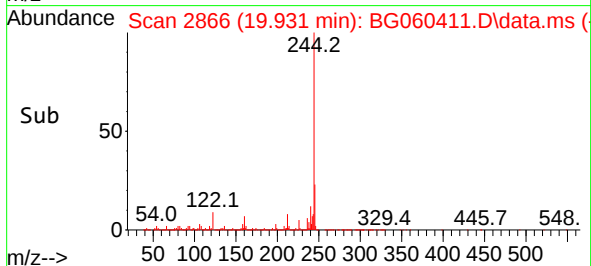
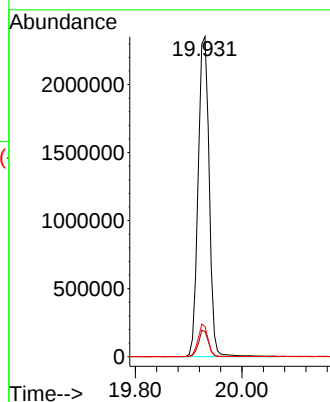
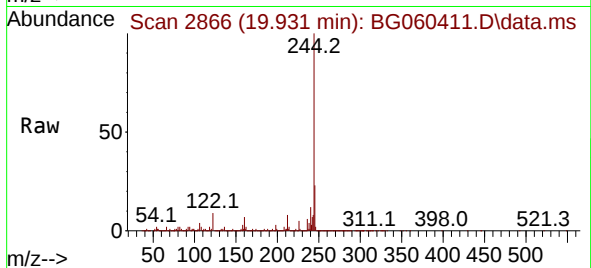
Tgt Ion:244 Resp: 3374603

Ion Ratio Lower Upper

244 100

212 7.9 10.9 16.3#

122 9.5 12.6 18.8#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.737 min Scan# 3684

Delta R.T. -0.003 min

Lab File: BG060411.D

Acq: 23 Jan 2024 19:59

Tgt Ion:264 Resp: 1519649

Ion Ratio Lower Upper

264 100

260 23.3 17.8 26.6

265 22.6 16.8 25.2

