

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040624\
 Data File : BG060811.D
 Acq On : 6 Apr 2024 14:52
 Operator : MA/JU
 Sample : P1995-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MOO-23-00113

Quant Time: Apr 08 02:06:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 30 03:12:26 2024
 Response via : Initial Calibration

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

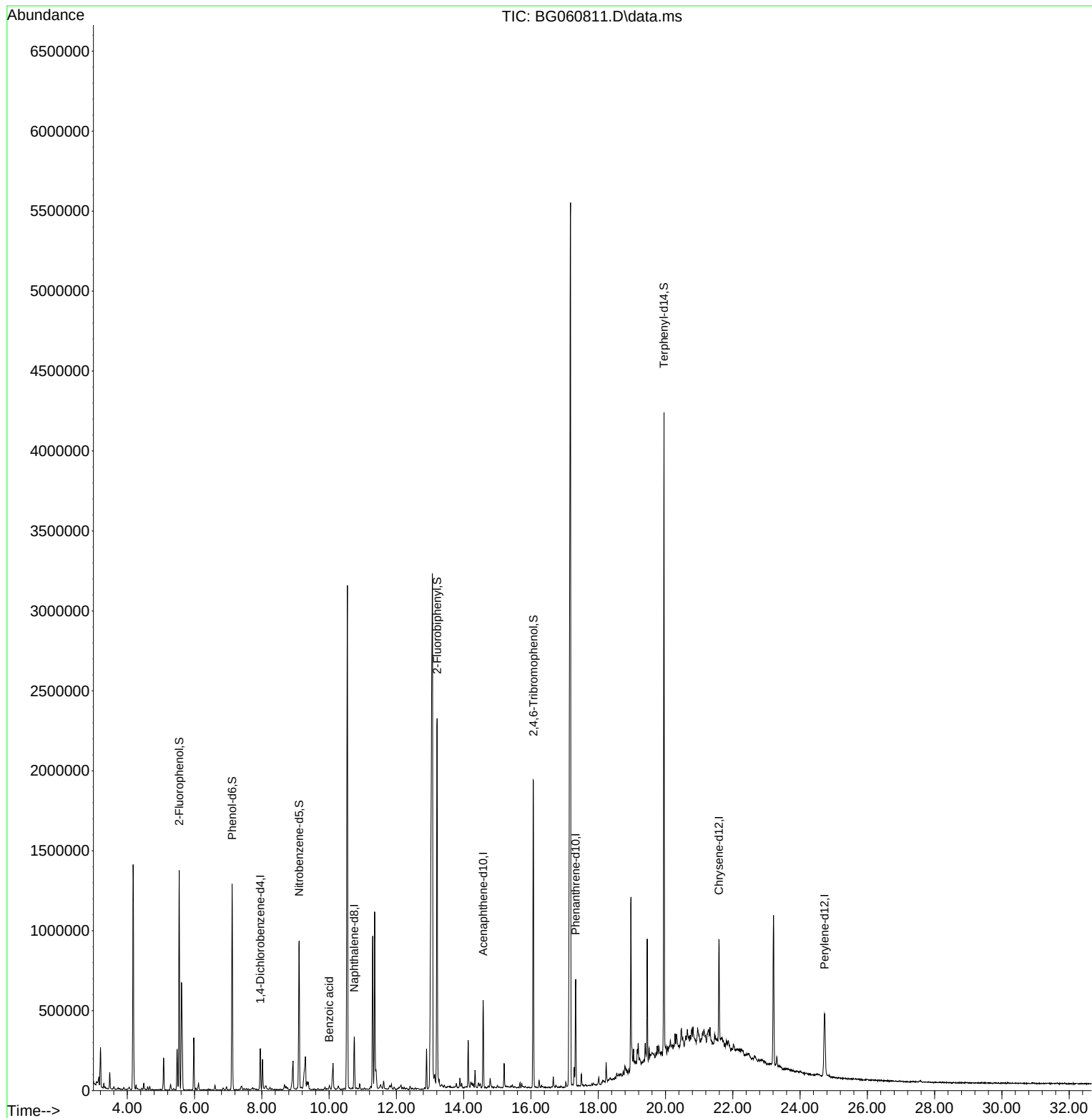
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	68049	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	259243	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	193182	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	432679	20.000	ng	0.00
76) Chrysene-d12	21.589	240	389256	20.000	ng	-0.01
86) Perylene-d12	24.727	264	471653	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.543	112	512015	125.345	ng	0.00
7) Phenol-d6	7.118	99	660530	108.936	ng	0.00
23) Nitrobenzene-d5	9.110	82	511776	112.646	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	388395	177.112	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	1219040	92.612	ng	0.00
79) Terphenyl-d14	19.956	244	1932654	87.425	ng	0.00
Target Compounds						
32) Benzoic acid	10.003	122	7345	9.088	ng	Qvalue # 79

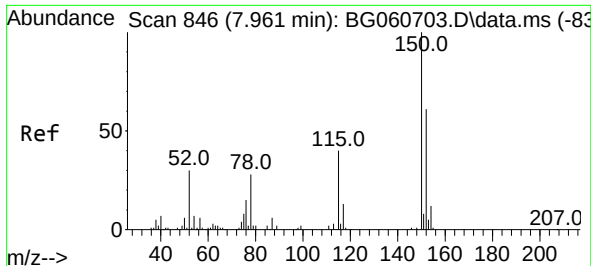
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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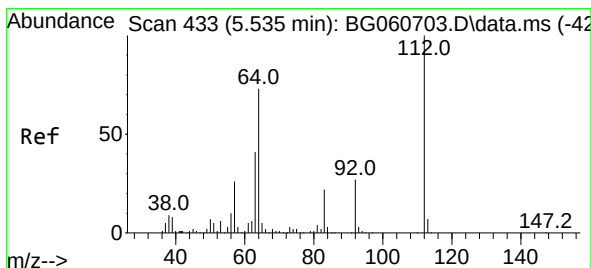
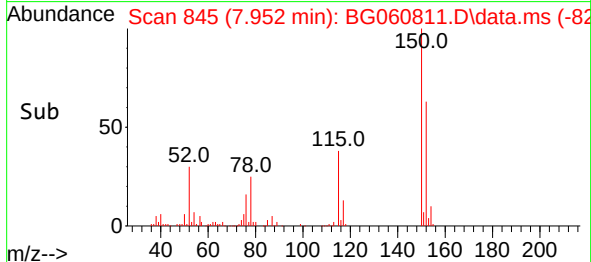
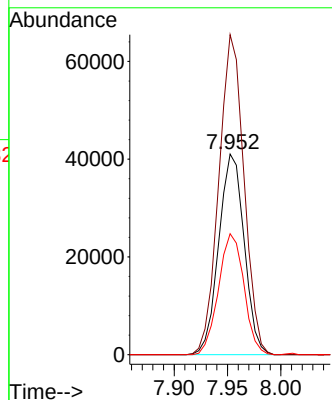
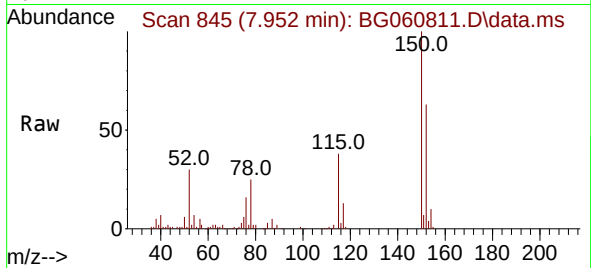




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 84
Delta R.T. -0.009 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

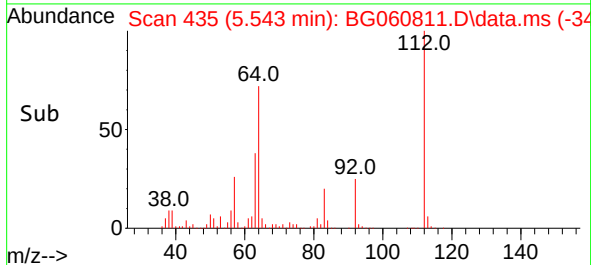
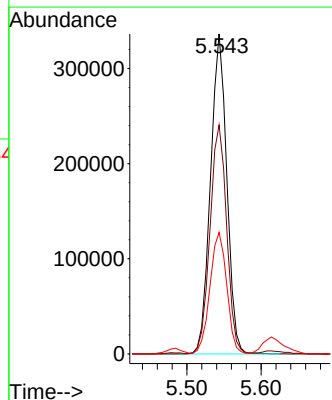
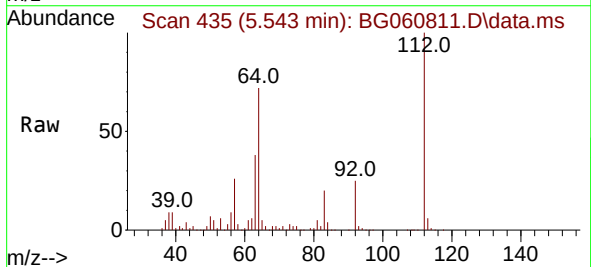
Instrument :
BNA_G
ClientSampleId :
MOO-23-00113

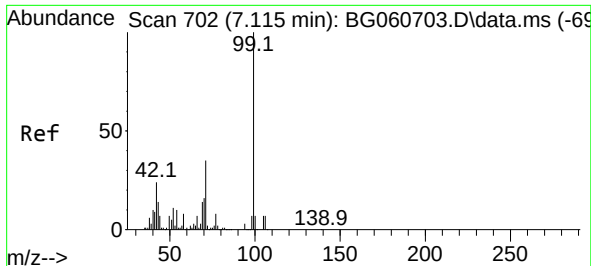
Tgt Ion:152 Resp: 68049
Ion Ratio Lower Upper
152 100
150 159.5 130.2 195.4
115 60.3 51.6 77.4



#5
2-Fluorophenol
Concen: 125.345 ng
RT: 5.543 min Scan# 435
Delta R.T. 0.009 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

Tgt Ion:112 Resp: 512015
Ion Ratio Lower Upper
112 100
64 71.6 58.4 87.6
63 38.0 32.7 49.1





#7

Phenol-d6

Concen: 108.936 ng

RT: 7.118 min Scan# 702

Delta R.T. 0.003 min

Lab File: BG060811.D

Acq: 6 Apr 2024 14:52

Instrument :

BNA_G

ClientSampleId :

MOO-23-00113

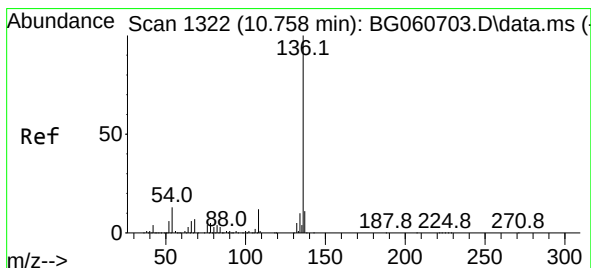
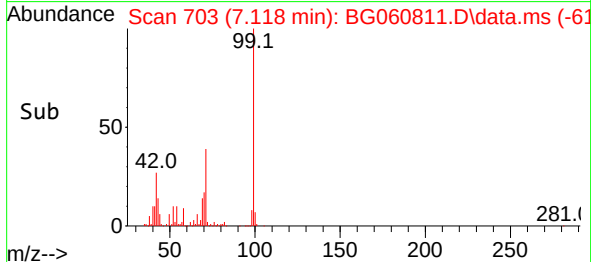
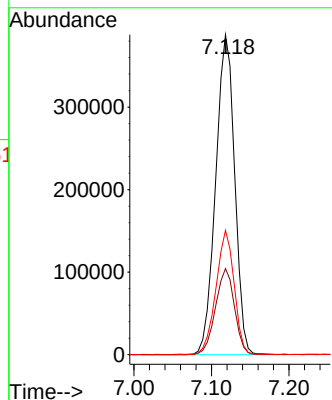
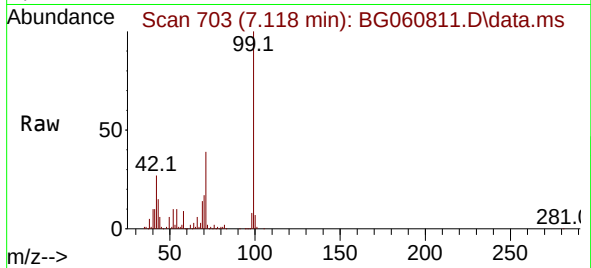
Tgt Ion: 99 Resp: 660530

Ion Ratio Lower Upper

99 100

42 26.9 19.4 29.2

71 38.9 28.2 42.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.749 min Scan# 1321

Delta R.T. -0.009 min

Lab File: BG060811.D

Acq: 6 Apr 2024 14:52

Tgt Ion: 136 Resp: 259243

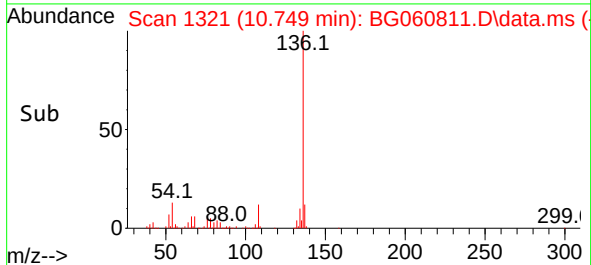
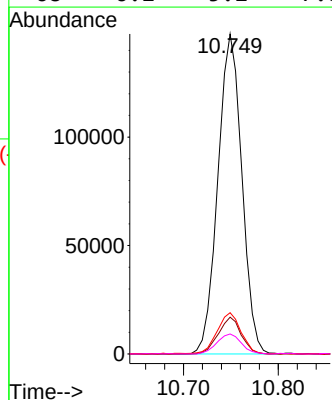
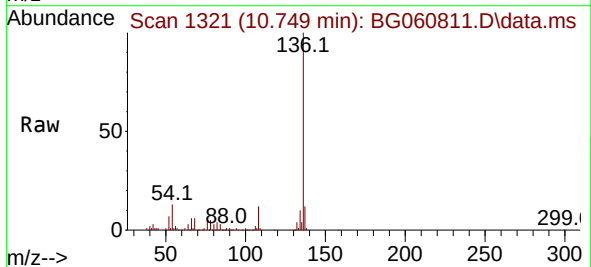
Ion Ratio Lower Upper

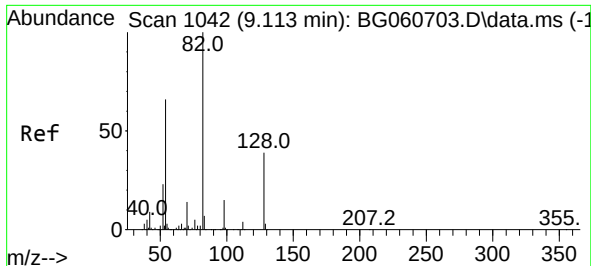
136 100

137 11.5 8.8 13.2

54 12.9 10.2 15.2

68 6.2 5.2 7.8





#23

Nitrobenzene-d5

Concen: 112.646 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.003 min

Lab File: BG060811.D

Acq: 6 Apr 2024 14:52

Instrument :

BNA_G

ClientSampleId :

MOO-23-00113

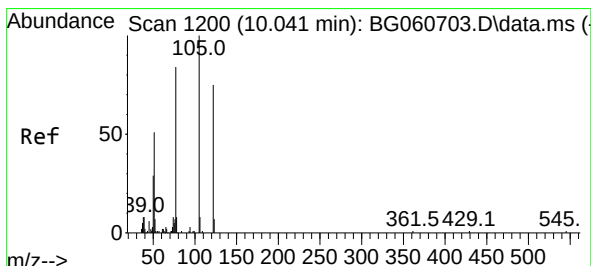
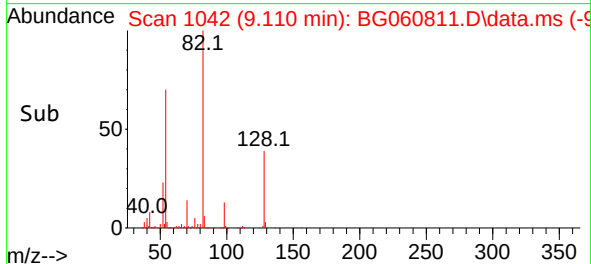
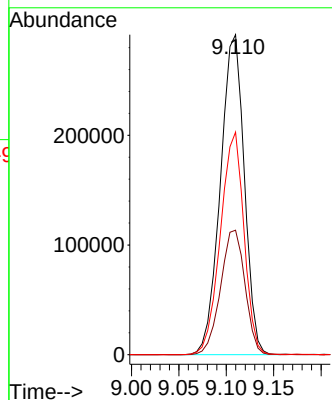
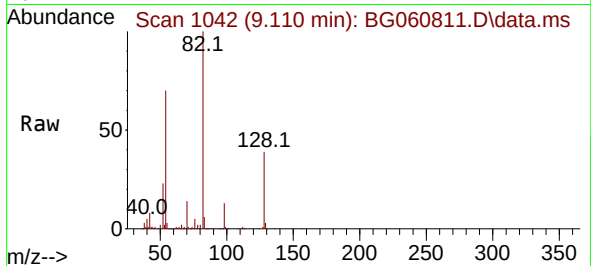
Tgt Ion: 82 Resp: 511776

Ion Ratio Lower Upper

82 100

128 38.9 31.2 46.8

54 69.6 53.2 79.8



#32

Benzoic acid

Concen: 9.088 ng

RT: 10.003 min Scan# 1194

Delta R.T. -0.038 min

Lab File: BG060811.D

Acq: 6 Apr 2024 14:52

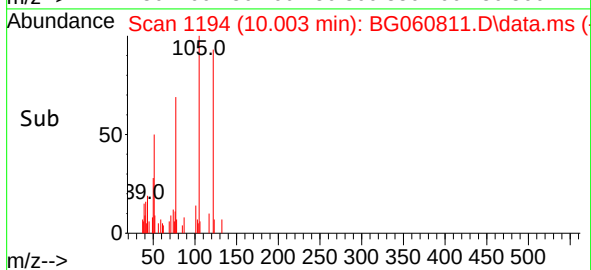
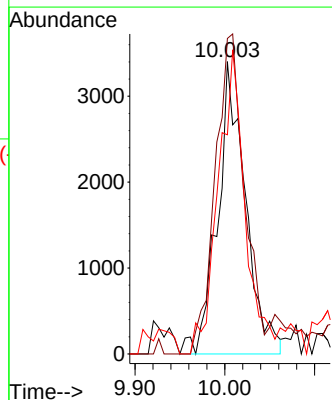
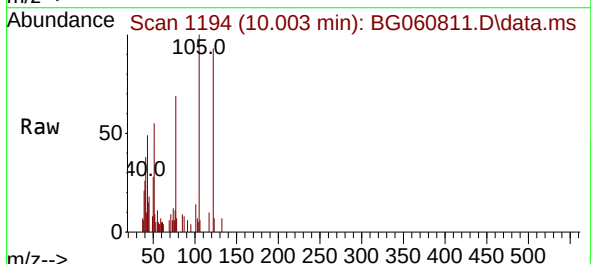
Tgt Ion:122 Resp: 7345

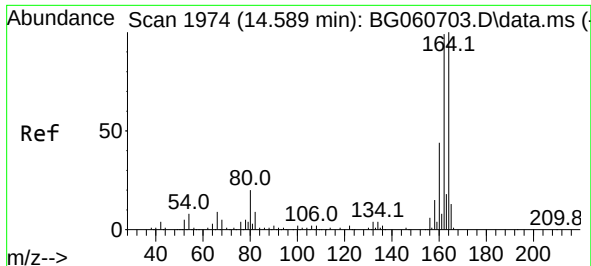
Ion Ratio Lower Upper

122 100

105 108.0 104.5 144.5

77 75.0 85.3 125.3#

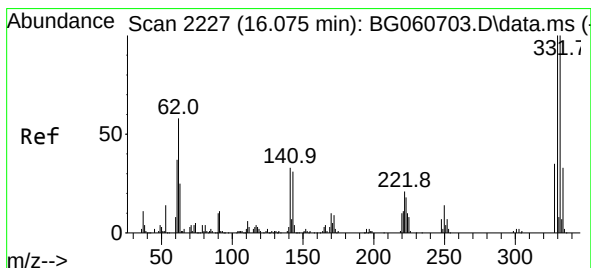
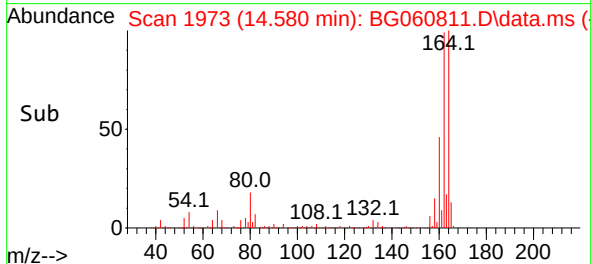
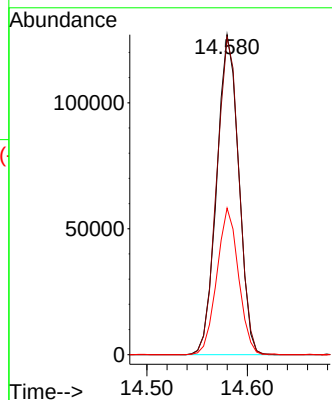
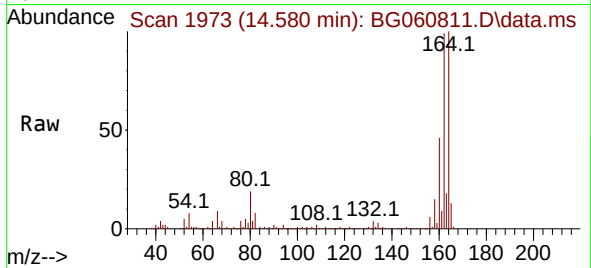




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.580 min Scan# 1974
Delta R.T. -0.009 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

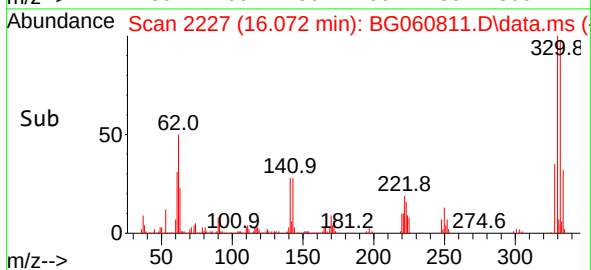
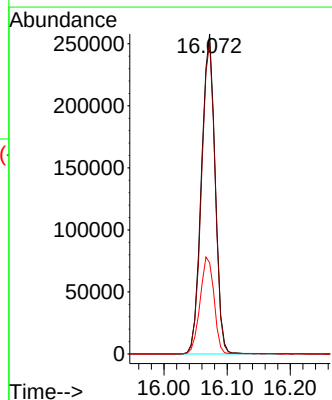
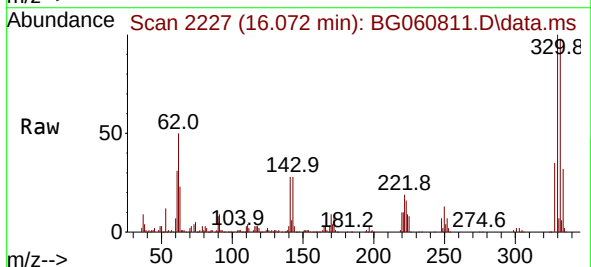
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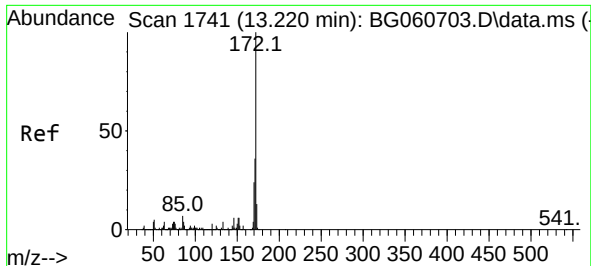
Tgt Ion:164 Resp: 193182
Ion Ratio Lower Upper
164 100
162 99.2 79.5 119.3
160 45.8 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 177.112 ng
RT: 16.072 min Scan# 2227
Delta R.T. -0.003 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

Tgt Ion:330 Resp: 388395
Ion Ratio Lower Upper
330 100
332 96.7 78.2 117.4
141 31.0 27.0 40.6

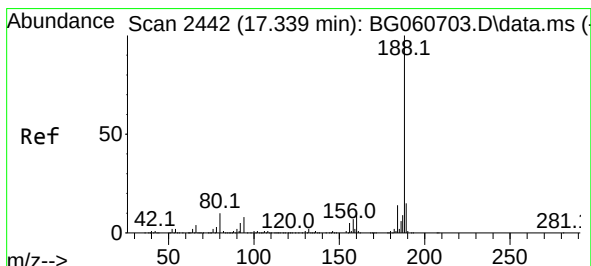
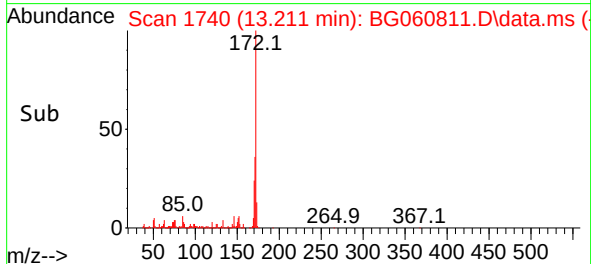
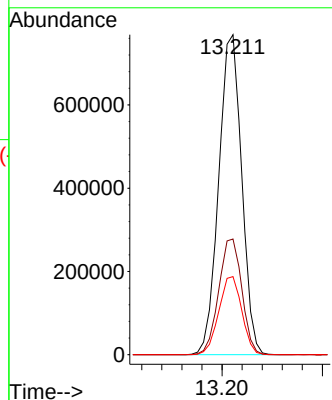
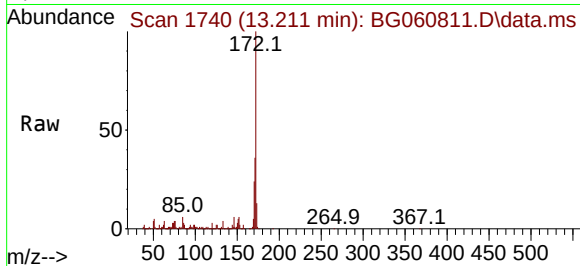




#45
2-Fluorobiphenyl
Concen: 92.612 ng
RT: 13.211 min Scan# 11
Delta R.T. -0.009 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

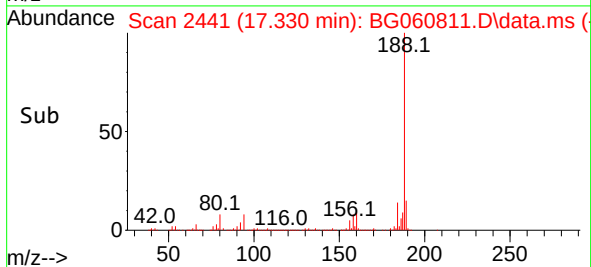
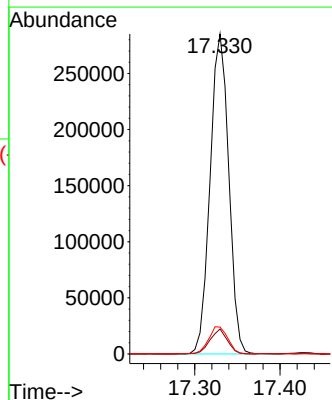
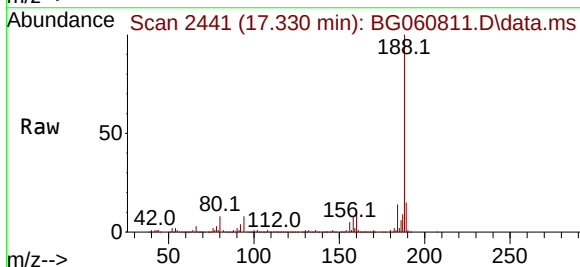
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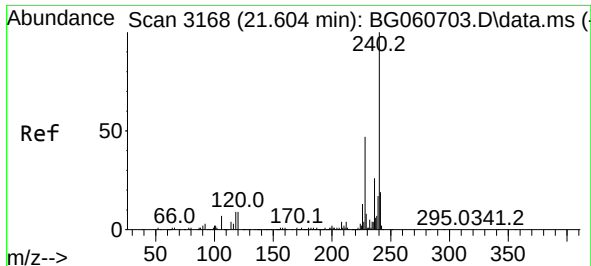
Tgt Ion:172 Resp: 1219040
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 24.4 19.4 29.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.330 min Scan# 2441
Delta R.T. -0.009 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

Tgt Ion:188 Resp: 432679
Ion Ratio Lower Upper
188 100
94 7.8 6.6 9.8
80 8.4 7.6 11.4

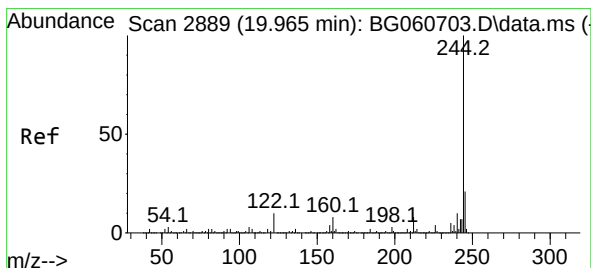
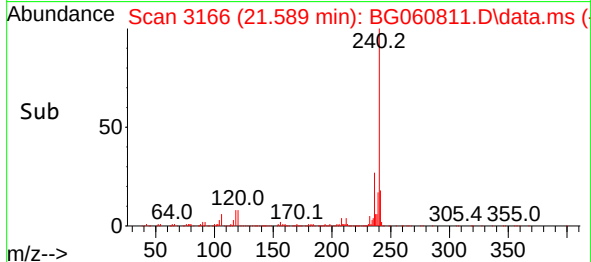
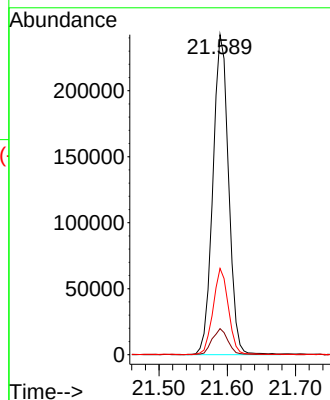
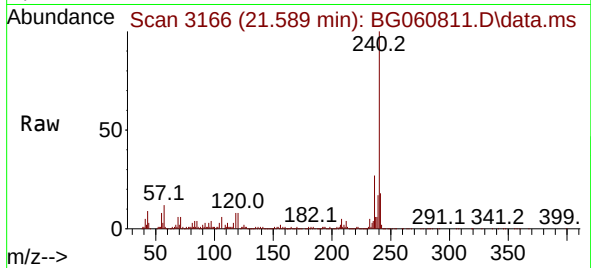




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.589 min Scan# 3166
Delta R.T. -0.015 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

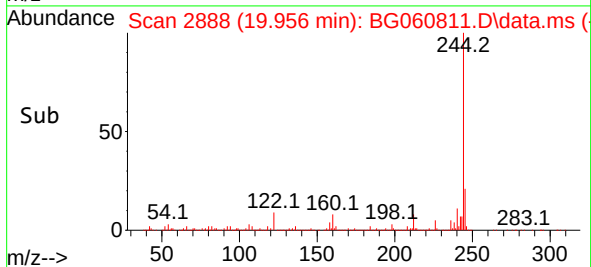
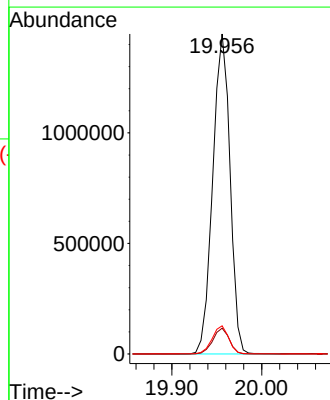
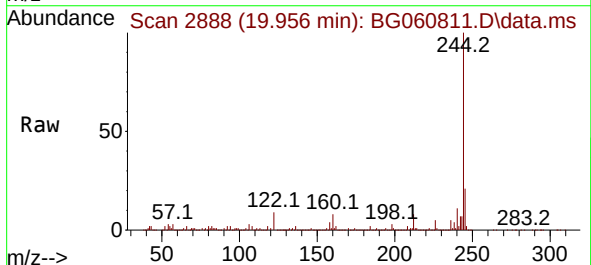
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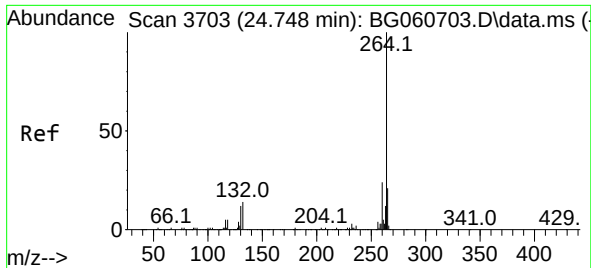
Tgt Ion:240 Resp: 389256
Ion Ratio Lower Upper
240 100
120 8.2 7.1 10.7
236 27.0 20.7 31.1



#79
Terphenyl-d14
Concen: 87.425 ng
RT: 19.956 min Scan# 2888
Delta R.T. -0.009 min
Lab File: BG060811.D
Acq: 6 Apr 2024 14:52

Tgt Ion:244 Resp: 1932654
Ion Ratio Lower Upper
244 100
212 8.1 6.2 9.2
122 8.8 7.8 11.8





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.727 min Scan# 31
 Delta R.T. -0.021 min
 Lab File: BG060811.D
 Acq: 6 Apr 2024 14:52

Instrument :
 BNA_G
 ClientSampleId :
 MOO-23-00113

Tgt Ion:264 Resp: 471653
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.5 29.3
 265 22.1 16.9 25.3

