

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010224\
 Data File : BG060209.D
 Acq On : 3 Jan 2024 1:55
 Operator : MA/JU
 Sample : 05900-05
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-58

Quant Time: Jan 03 05:05:23 2024
 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	7.936	152	239105	20.000	ng	0.00
21) Naphthalene-d8	10.745	136	959929	20.000	ng	0.00
39) Acenaphthene-d10	14.576	164	729513	20.000	ng	0.00
64) Phenanthrene-d10	17.325	188	1842856	20.000	ng	0.00
76) Chrysene-d12	21.585	240	1612959	20.000	ng	0.00
86) Perylene-d12	24.764	264	1765502	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1654829	104.460	ng	0.00
7) Phenol-d6	7.096	99	2219121	94.345	ng	0.00
23) Nitrobenzene-d5	9.100	82	1313529	63.204	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	966008	98.923	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	3222105	63.479	ng	0.00
79) Terphenyl-d14	19.946	244	4459730	53.156	ng	0.00

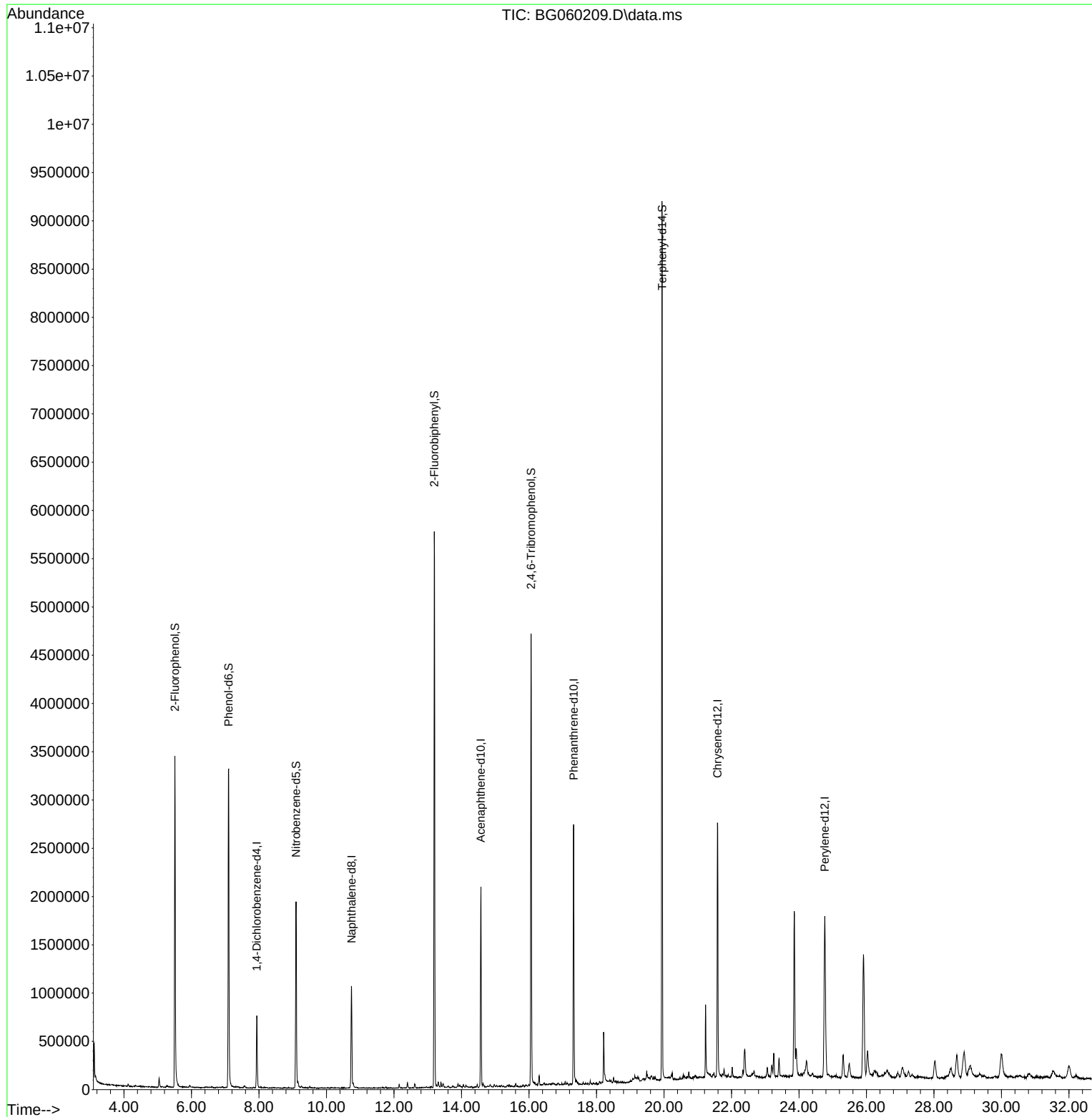
Target Compounds	Qvalue

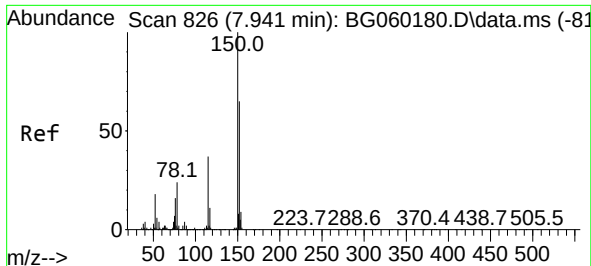
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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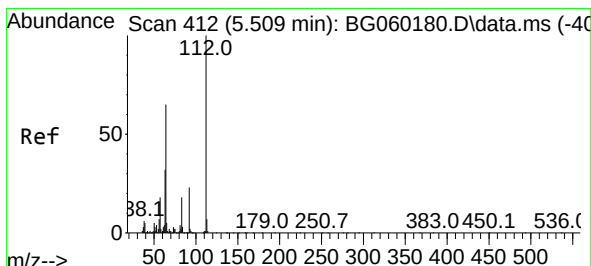
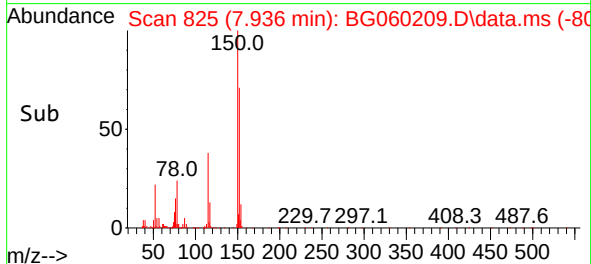
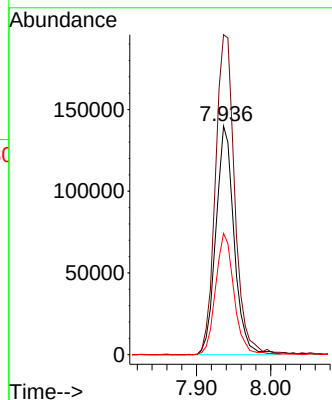
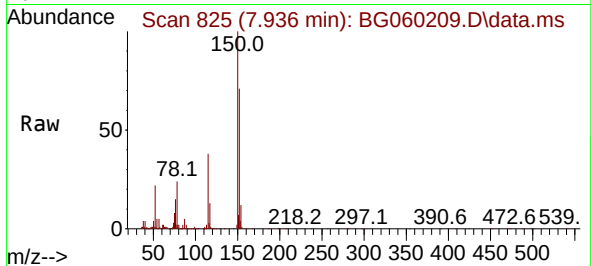




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

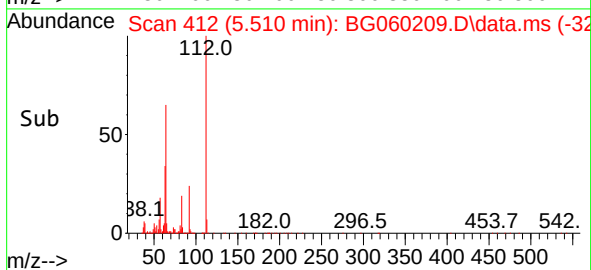
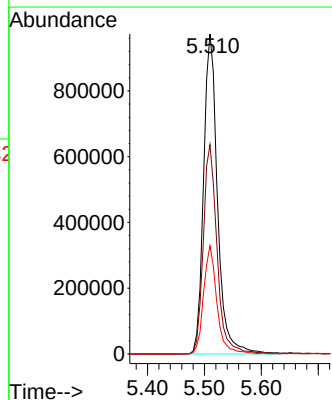
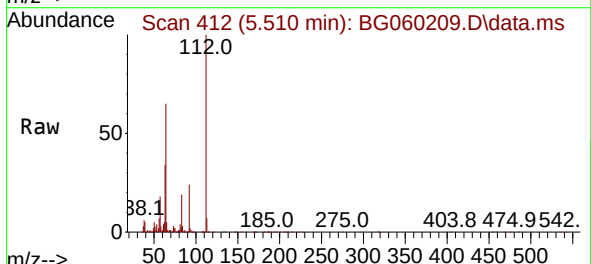
Instrument :
BNA_G
ClientSampleId :
GHL-SS-58

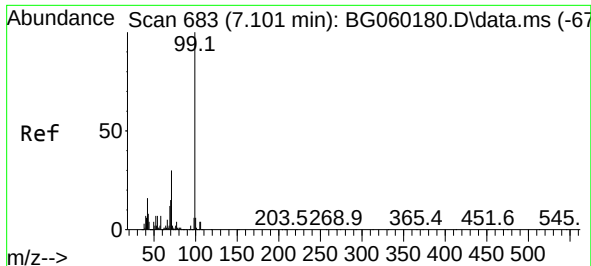
Tgt Ion:152 Resp: 239105
Ion Ratio Lower Upper
152 100
150 139.9 123.4 185.0
115 53.0 45.4 68.0



#5
2-Fluorophenol
Concen: 104.460 ng
RT: 5.510 min Scan# 412
Delta R.T. 0.001 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

Tgt Ion:112 Resp: 1654829
Ion Ratio Lower Upper
112 100
64 65.4 52.2 78.4
63 33.8 25.4 38.0



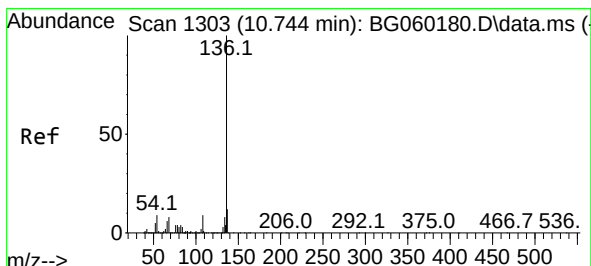
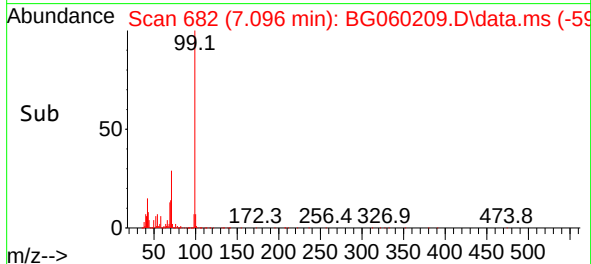
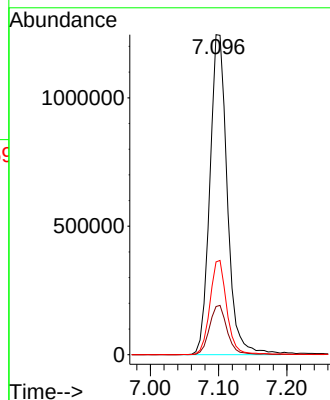
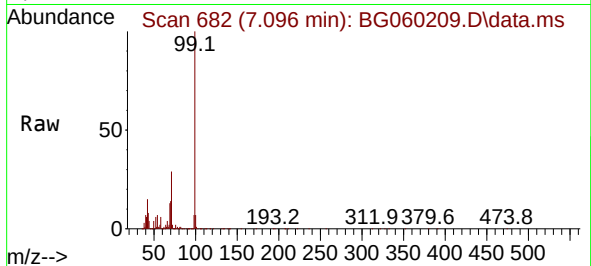


#7
Phenol-d6
Concen: 94.345 ng
RT: 7.096 min Scan# 61
Delta R.T. -0.005 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

Instrument :
BNA_G
ClientSampleId :
GHL-SS-58

Tgt Ion: 99 Resp: 2219121

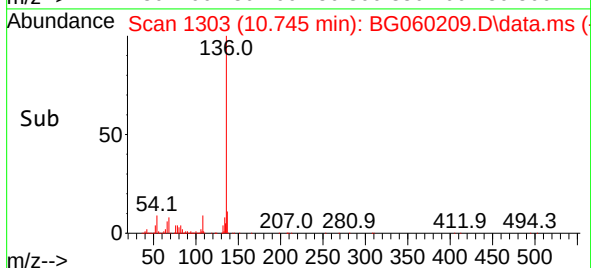
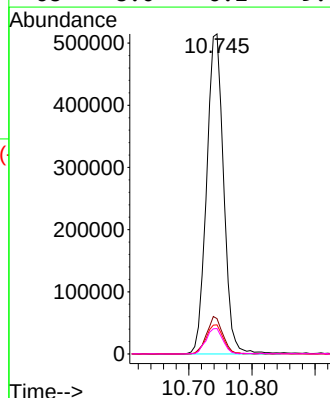
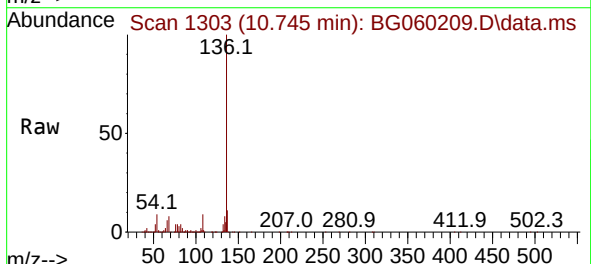
Ion	Ratio	Lower	Upper
99	100		
42	15.1	12.5	18.7
71	29.0	24.1	36.1

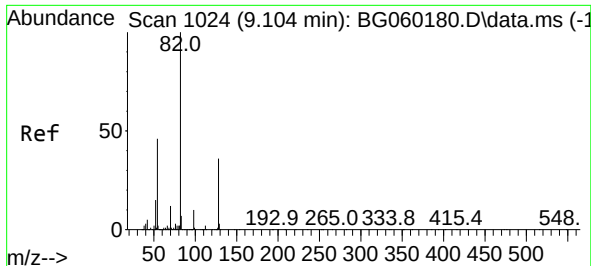


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.745 min Scan# 1303
Delta R.T. 0.001 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

Tgt Ion:136 Resp: 959929

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.4	14.0
54	9.1	7.4	11.2
68	8.0	6.2	9.4





#23

Nitrobenzene-d5

Concen: 63.204 ng

RT: 9.100 min Scan# 1024

Delta R.T. -0.005 min

Lab File: BG060209.D

Acq: 3 Jan 2024 1:55

Instrument :

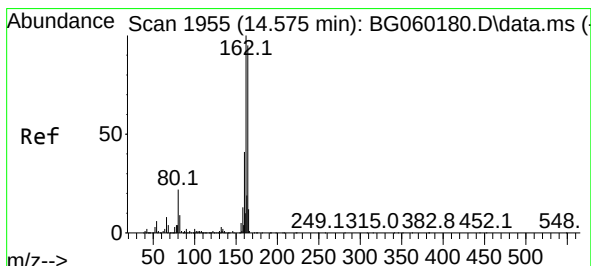
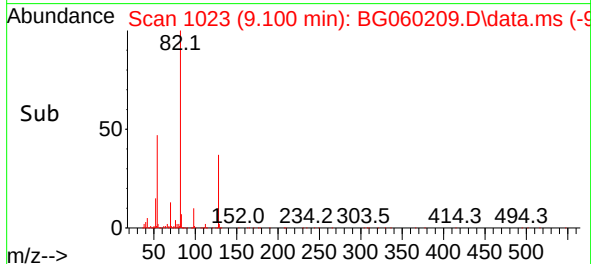
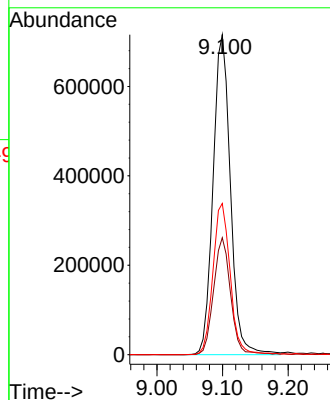
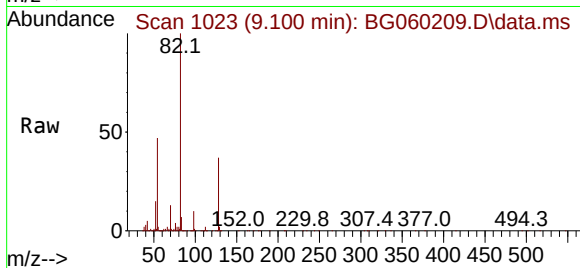
BNA_G

ClientSampleId :

GHL-SS-58

Tgt Ion: 82 Resp: 1313529

Ion	Ratio	Lower	Upper
82	100		
128	36.5	28.7	43.1
54	47.2	36.9	55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.576 min Scan# 1955

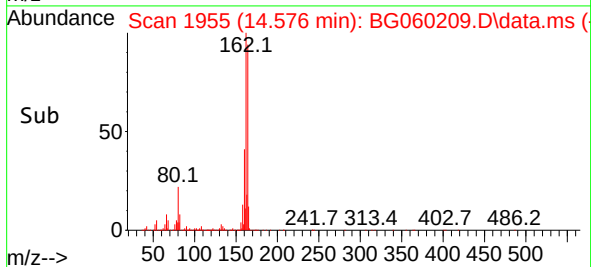
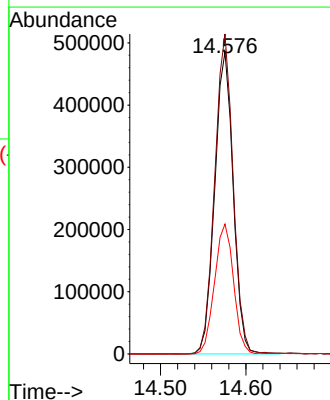
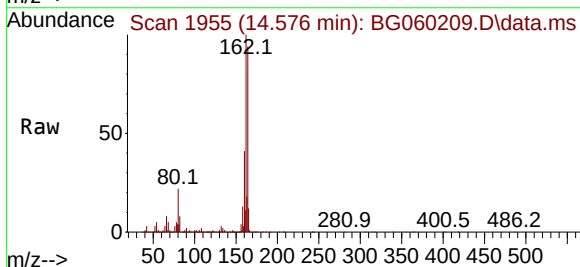
Delta R.T. 0.001 min

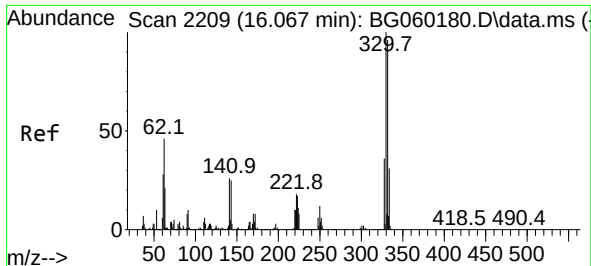
Lab File: BG060209.D

Acq: 3 Jan 2024 1:55

Tgt Ion: 164 Resp: 729513

Ion	Ratio	Lower	Upper
164	100		
162	105.9	83.9	125.9
160	43.0	34.2	51.4

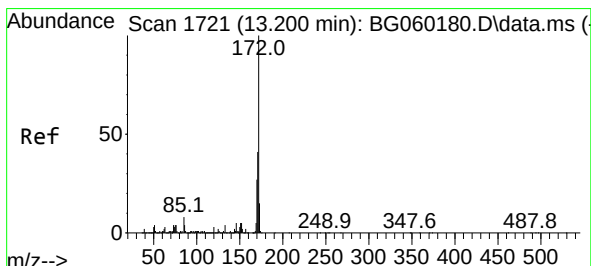
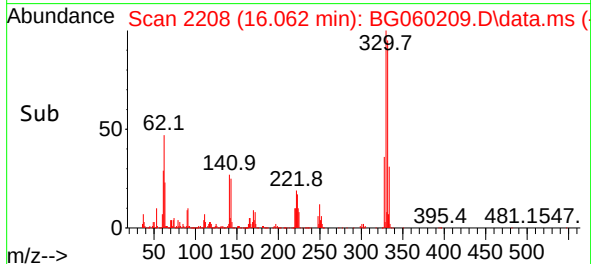
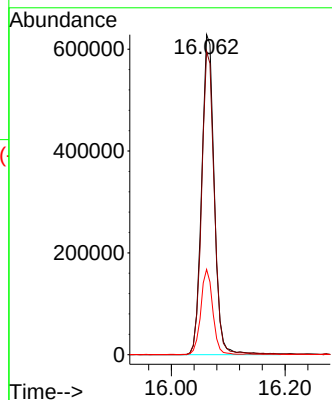
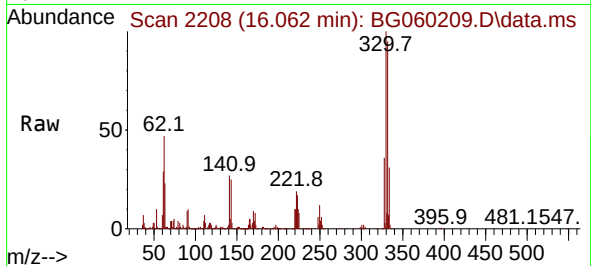




#42
2,4,6-Tribromophenol
Concen: 98.923 ng
RT: 16.062 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

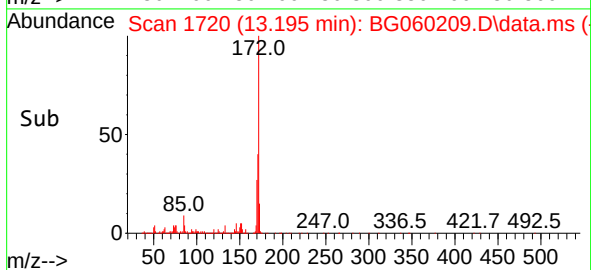
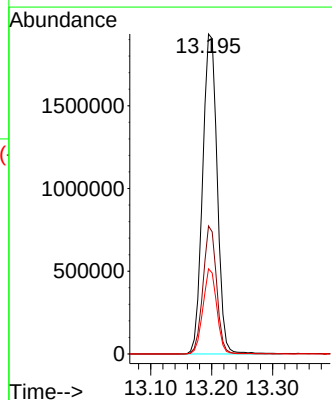
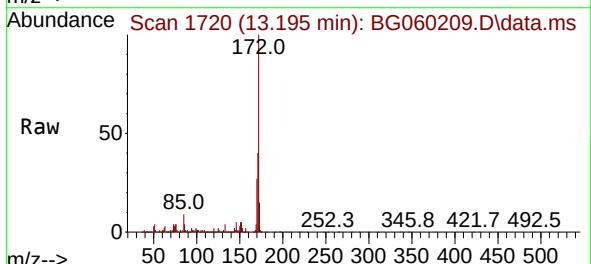
Instrument :
BNA_G
ClientSampleId :
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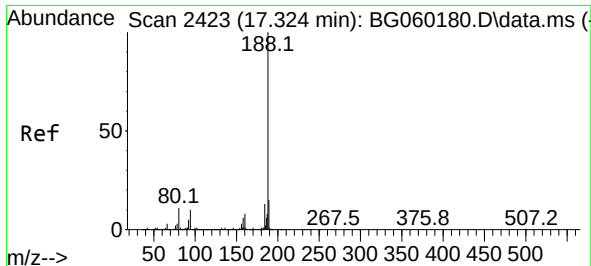
Tgt Ion:330 Resp: 966008
Ion Ratio Lower Upper
330 100
332 95.3 76.7 115.1
141 25.3 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 63.479 ng
RT: 13.195 min Scan# 1720
Delta R.T. -0.005 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

Tgt Ion:172 Resp: 3222105
Ion Ratio Lower Upper
172 100
171 40.0 32.6 48.8
170 26.6 21.8 32.6

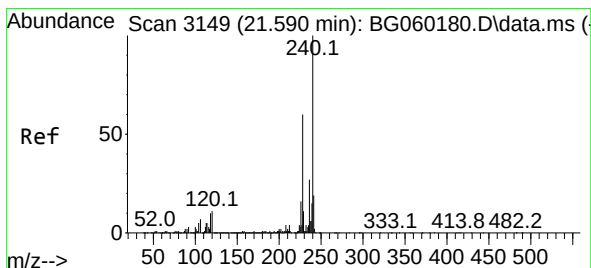
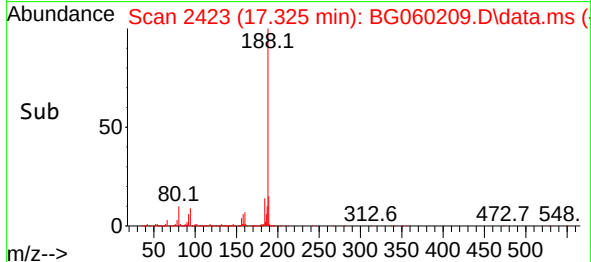
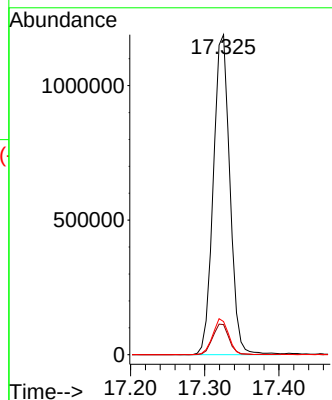
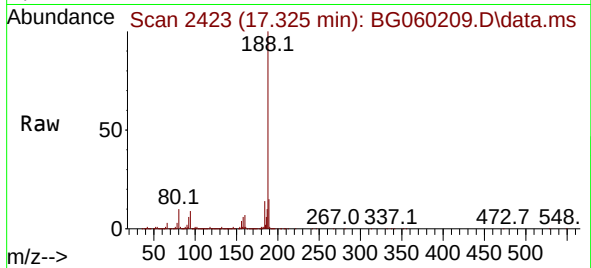




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 24
Delta R.T. 0.001 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

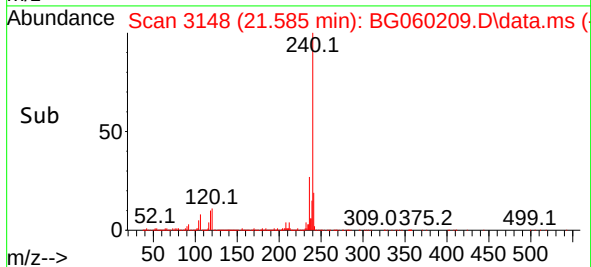
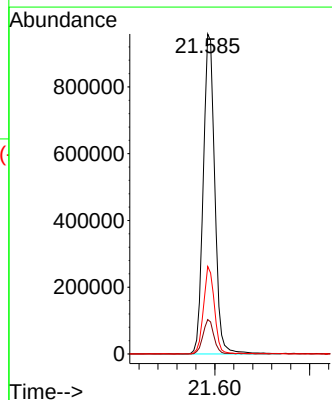
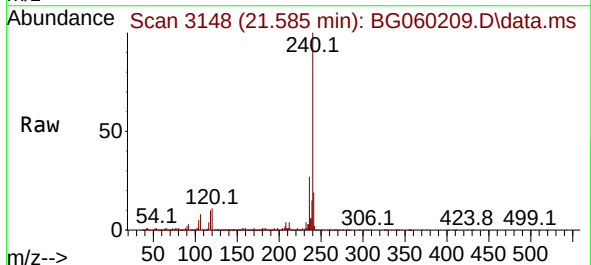
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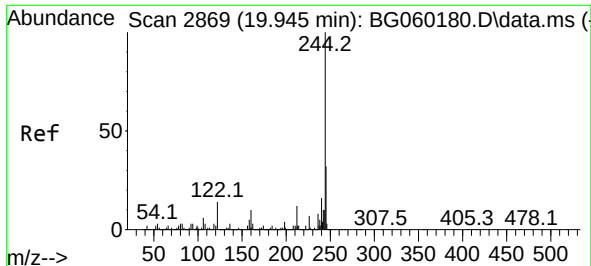
Tgt Ion:188 Resp: 1842856
Ion Ratio Lower Upper
188 100
94 9.4 7.8 11.6
80 10.4 8.6 13.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.585 min Scan# 3148
Delta R.T. -0.005 min
Lab File: BG060209.D
Acq: 3 Jan 2024 1:55

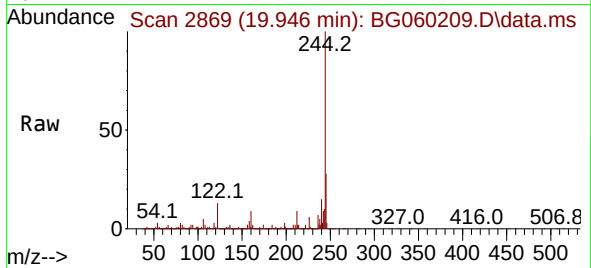
Tgt Ion:240 Resp: 1612959
Ion Ratio Lower Upper
240 100
120 10.7 8.5 12.7
236 27.4 21.4 32.2



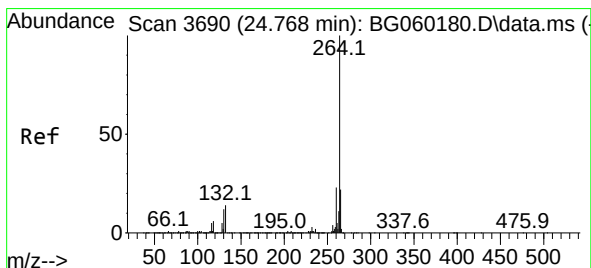
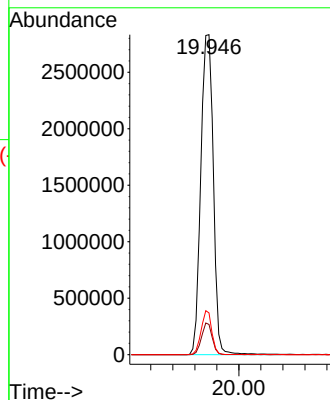
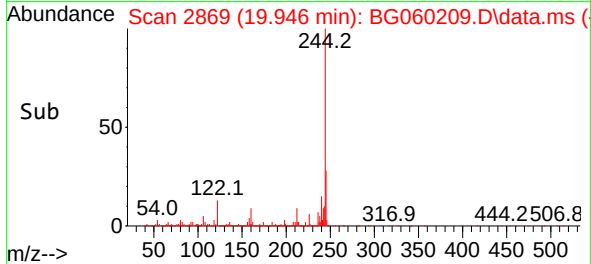


#79
 Terphenyl-d14
 Concen: 53.156 ng
 RT: 19.946 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG060209.D
 Acq: 3 Jan 2024 1:55

Instrument :
 BNA_G
 ClientSampleId :
 GHL-SS-58



Tgt Ion:244 Resp: 4459730
 Ion Ratio Lower Upper
 244 100
 212 9.4 9.5 14.3#
 122 13.0 11.4 17.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.764 min Scan# 3689
 Delta R.T. -0.005 min
 Lab File: BG060209.D
 Acq: 3 Jan 2024 1:55

Tgt Ion:264 Resp: 1765502
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.0 27.0
 265 21.4 17.4 26.0

