

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010424\
 Data File : BG060263.D
 Acq On : 5 Jan 2024 3:47
 Operator : MA/JU
 Sample : P1003-02
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11978

Quant Time: Jan 05 04:24:58 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)

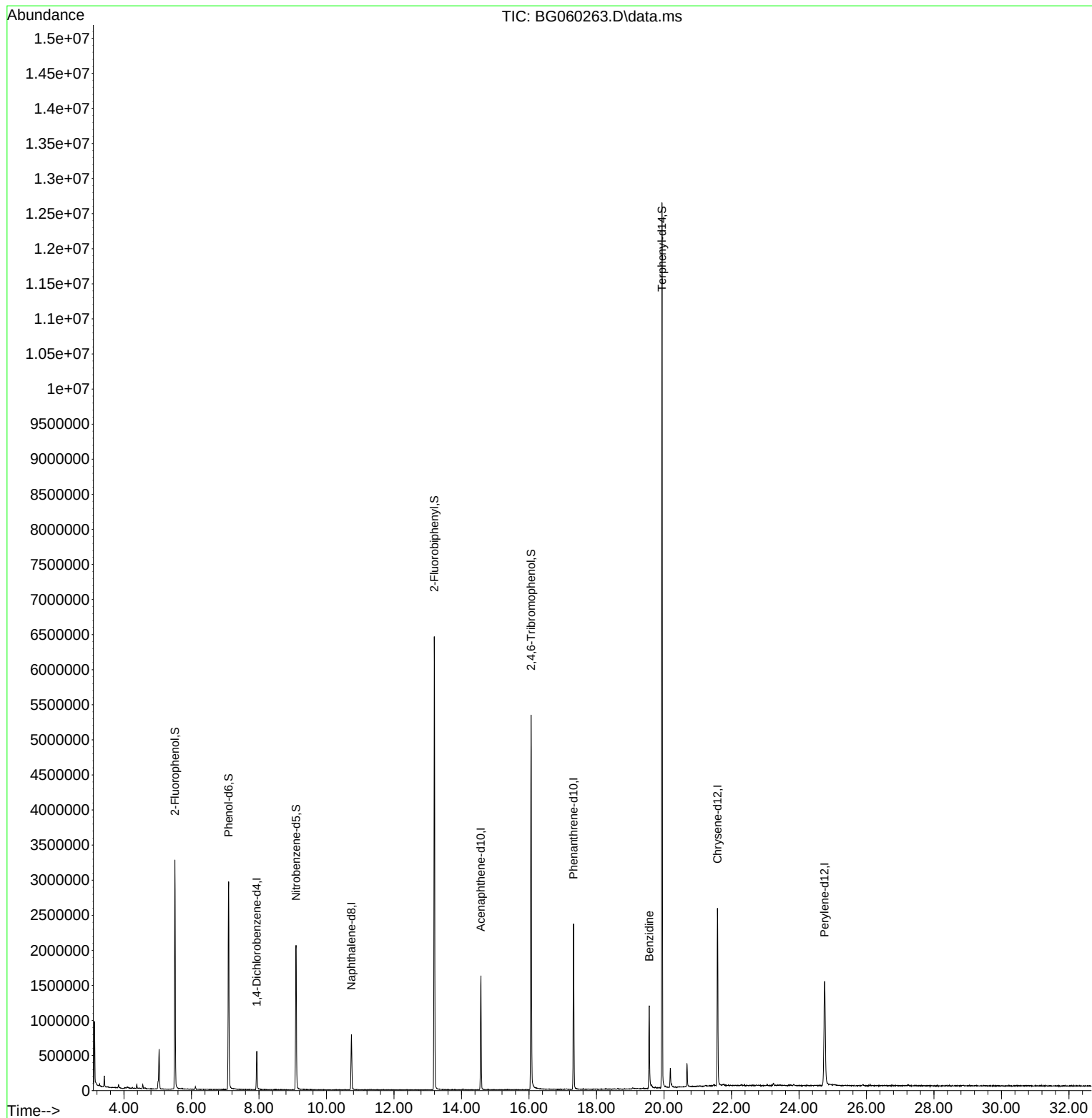
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	166585	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	707050	20.000	ng	0.00
39) Acenaphthene-d10	14.575	164	576185	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	1610996	20.000	ng	0.00
76) Chrysene-d12	21.585	240	1566627	20.000	ng	0.00
86) Perylene-d12	24.757	264	1745761	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1525051	138.177	ng	0.00
7) Phenol-d6	7.101	99	1995004	121.741	ng	0.00
23) Nitrobenzene-d5	9.099	82	1431347	93.507	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	1203681	156.062	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	3494881	87.176	ng	0.00
79) Terphenyl-d14	19.939	244	5595769	68.669	ng	0.00
Target Compounds						
77) Benzidine	19.563	184	892703	20.589	ng	Qvalue 99

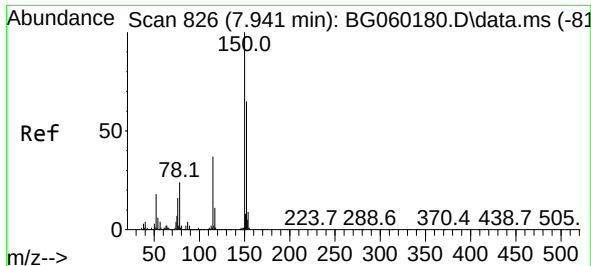
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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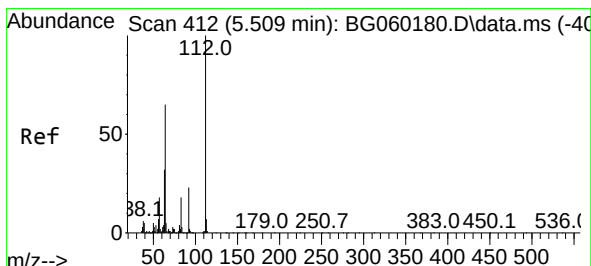
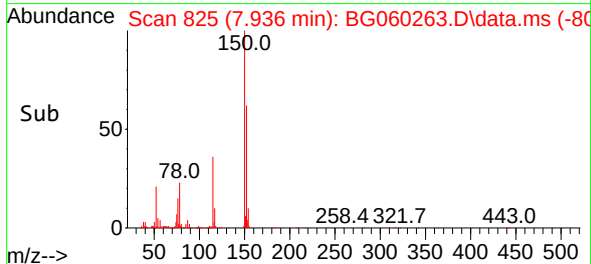
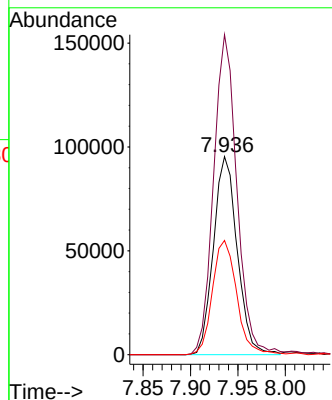
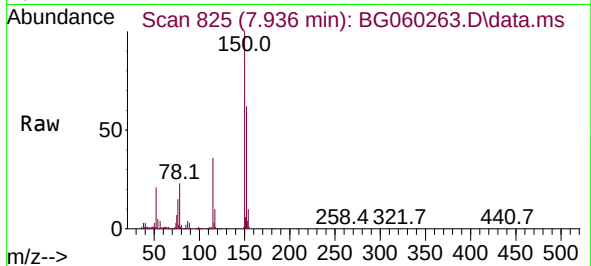




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.936 min Scan# 81
Delta R.T. -0.005 min
Lab File: BG060263.D
Acq: 5 Jan 2024 3:47

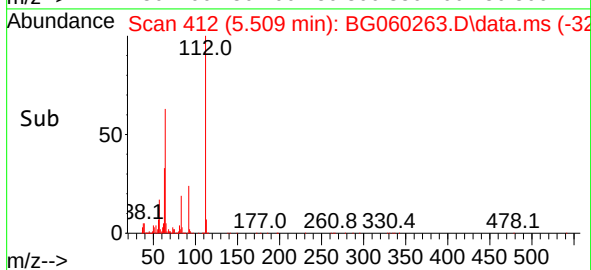
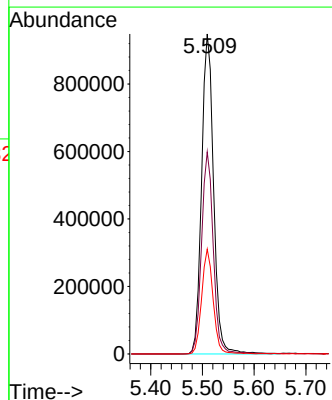
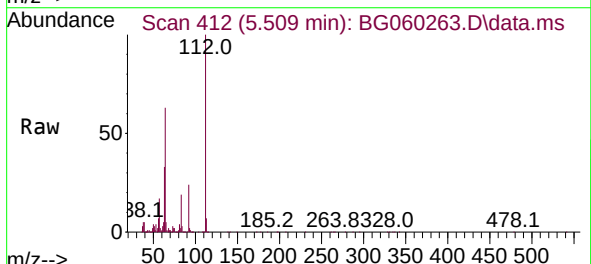
Instrument :
BNA_G
ClientSampleId :
72-11978

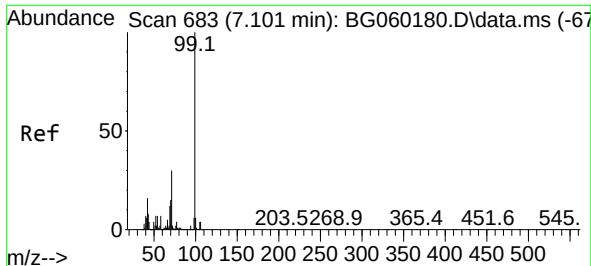
Tgt Ion:152 Resp: 166585
Ion Ratio Lower Upper
152 100
150 161.5 123.4 185.0
115 57.6 45.4 68.0



#5
2-Fluorophenol
Concen: 138.177 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.001 min
Lab File: BG060263.D
Acq: 5 Jan 2024 3:47

Tgt Ion:112 Resp: 1525051
Ion Ratio Lower Upper
112 100
64 63.1 52.2 78.4
63 32.7 25.4 38.0



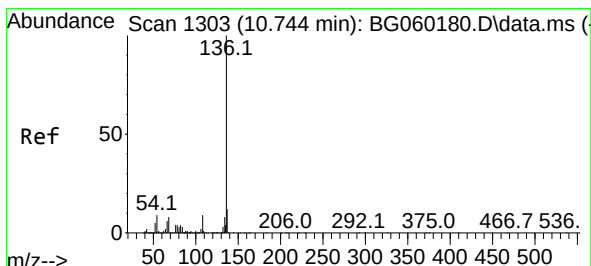
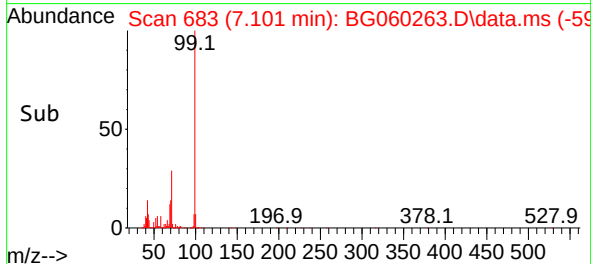
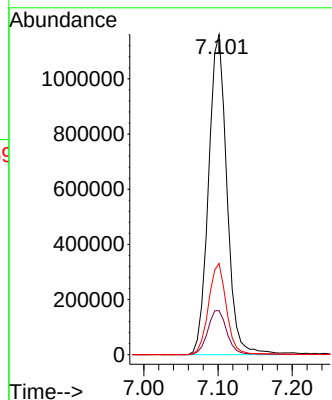
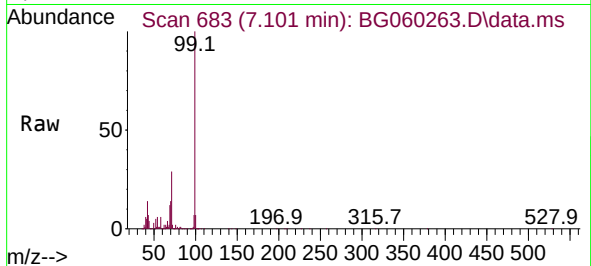


#7
Phenol-d6
Concen: 121.741 ng
RT: 7.101 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060263.D
Acq: 5 Jan 2024 3:47

Instrument :
BNA_G
ClientSampleId :
72-11978

Tgt Ion: 99 Resp: 1995004

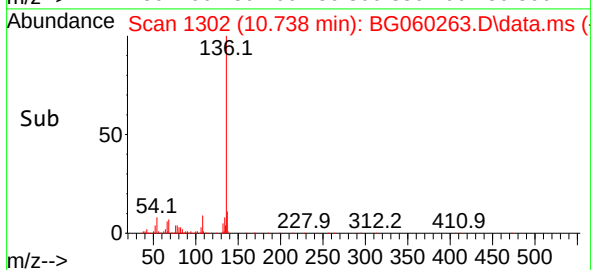
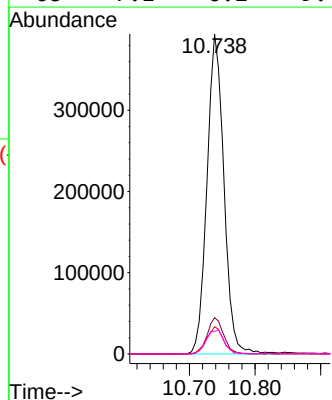
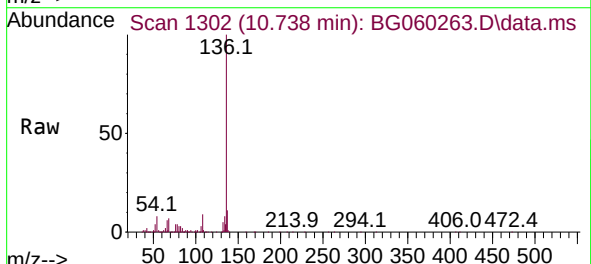
Ion	Ratio	Lower	Upper
99	100		
42	13.7	12.5	18.7
71	28.5	24.1	36.1

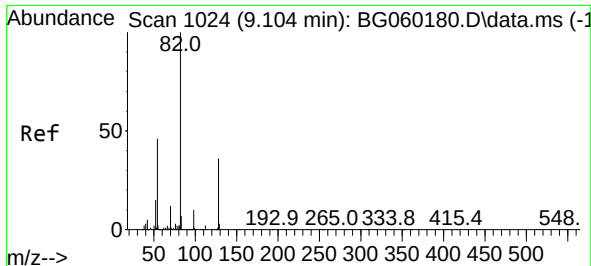


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1302
Delta R.T. -0.005 min
Lab File: BG060263.D
Acq: 5 Jan 2024 3:47

Tgt Ion: 136 Resp: 707050

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.4	14.0
54	8.5	7.4	11.2
68	7.1	6.2	9.4





#23

Nitrobenzene-d5

Concen: 93.507 ng

RT: 9.099 min Scan# 1024

Delta R.T. -0.005 min

Lab File: BG060263.D

Acq: 5 Jan 2024 3:47

Instrument :

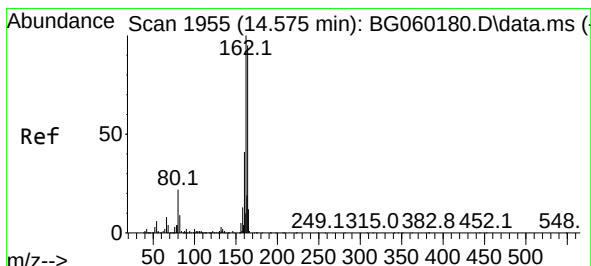
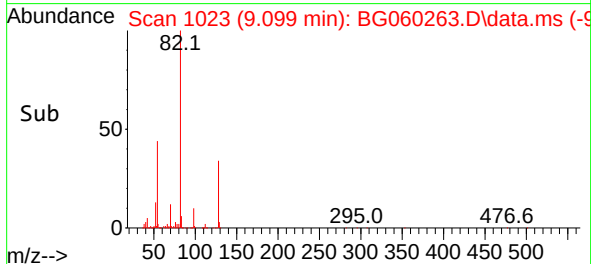
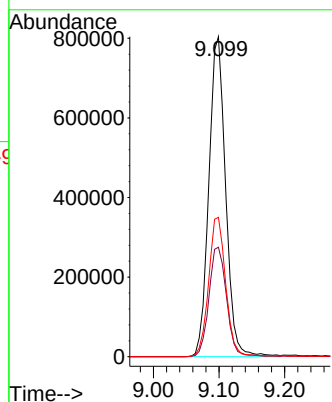
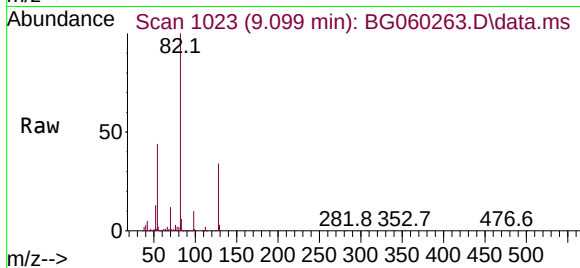
BNA_G

ClientSampleId :

72-11978

Tgt Ion: 82 Resp: 1431347

Ion	Ratio	Lower	Upper
82	100		
128	34.2	28.7	43.1
54	43.6	36.9	55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1955

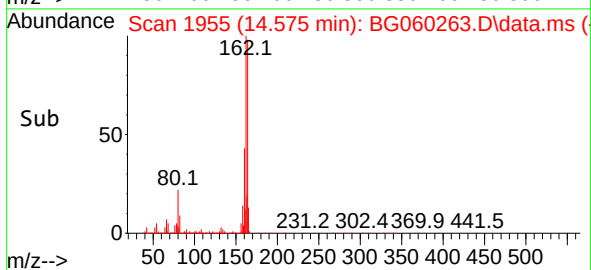
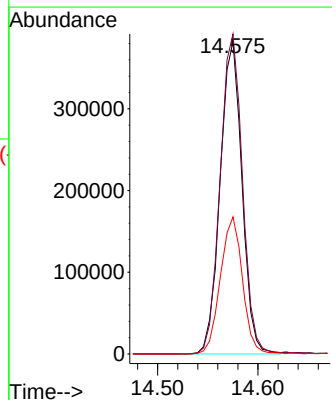
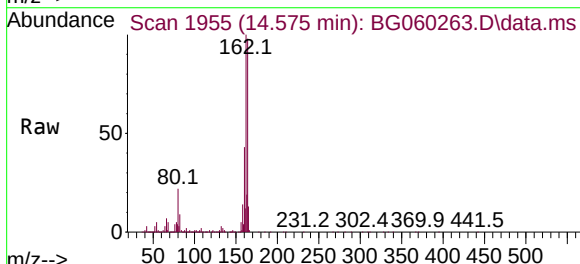
Delta R.T. 0.001 min

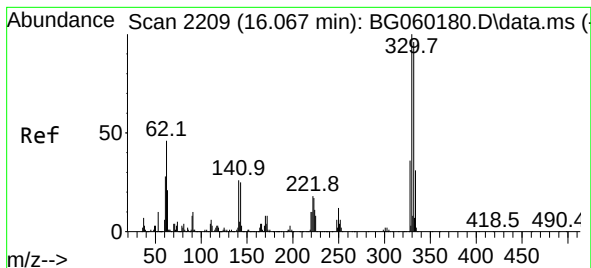
Lab File: BG060263.D

Acq: 5 Jan 2024 3:47

Tgt Ion: 164 Resp: 576185

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.9	125.9
160	43.9	34.2	51.4

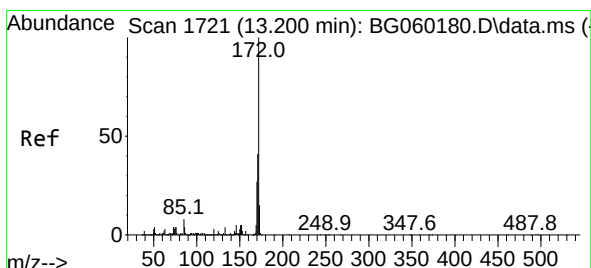
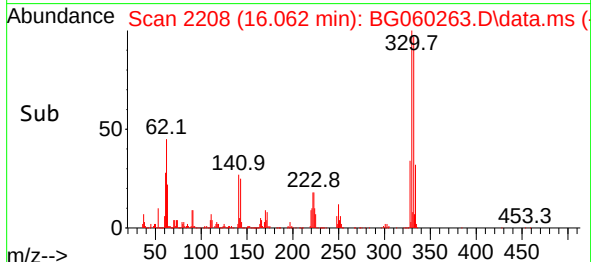
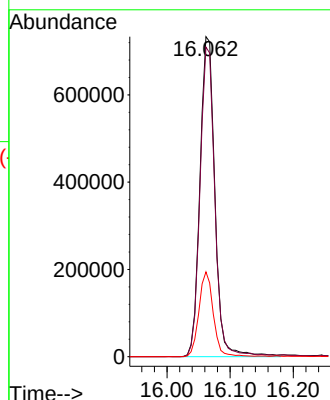
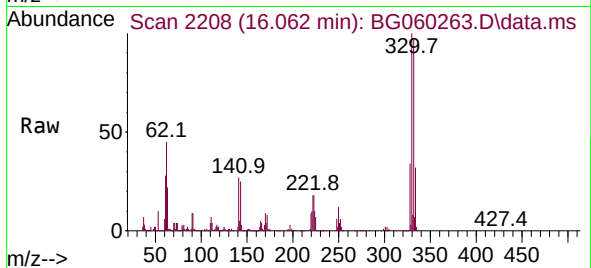




#42
2,4,6-Tribromophenol
Concen: 156.062 ng
RT: 16.062 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG060263.D
Acq: 5 Jan 2024 3:47

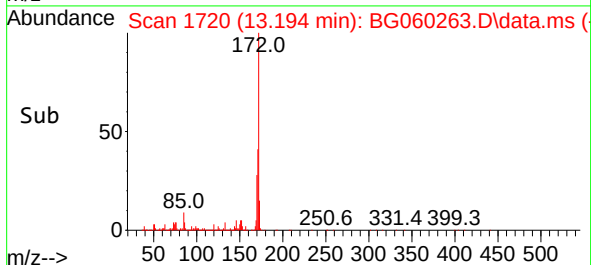
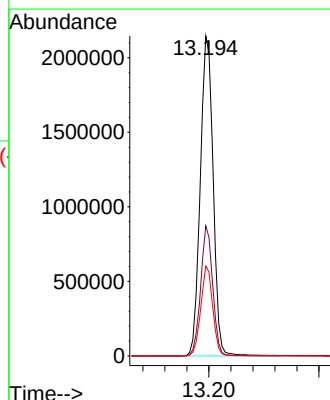
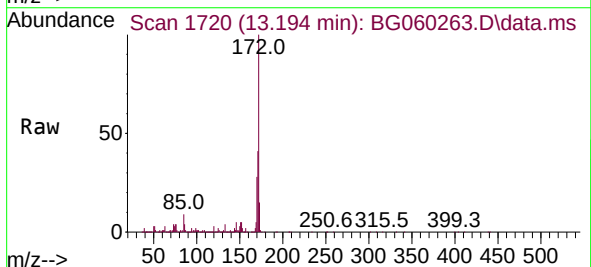
Instrument :
BNA_G
ClientSampleId :
72-11978

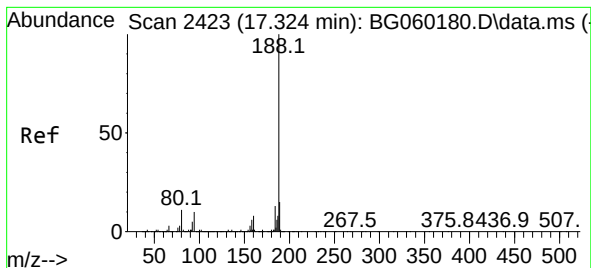
Tgt Ion:330 Resp: 1203681
Ion Ratio Lower Upper
330 100
332 96.0 76.7 115.1
141 25.4 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 87.176 ng
RT: 13.194 min Scan# 1720
Delta R.T. -0.005 min
Lab File: BG060263.D
Acq: 5 Jan 2024 3:47

Tgt Ion:172 Resp: 3494881
Ion Ratio Lower Upper
172 100
171 40.7 32.6 48.8
170 28.1 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.319 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG060263.D

Acq: 5 Jan 2024 3:47

Instrument :

BNA_G

ClientSampleId :

72-11978

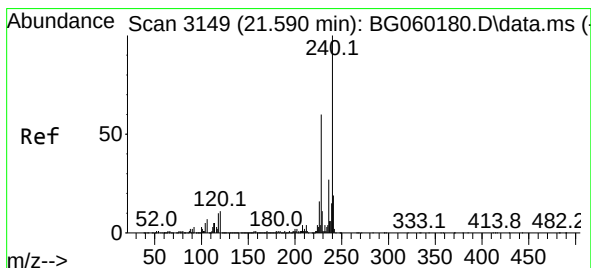
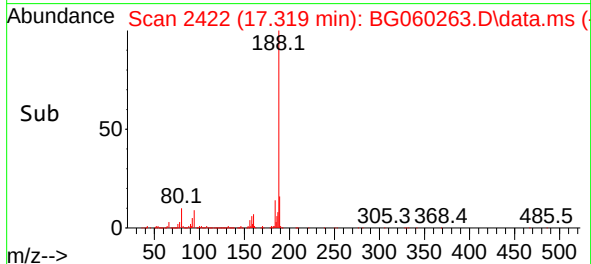
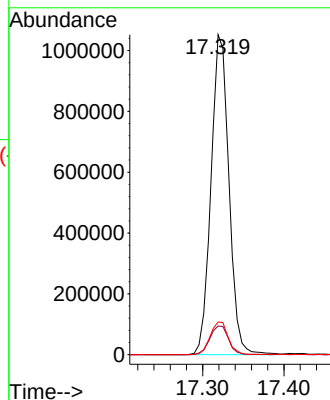
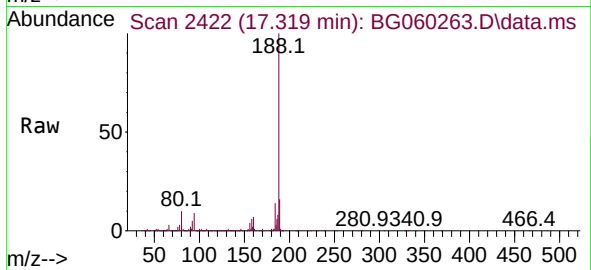
Tgt Ion:188 Resp: 1610996

Ion Ratio Lower Upper

188 100

94 8.9 7.8 11.6

80 10.2 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: BG060263.D

Acq: 5 Jan 2024 3:47

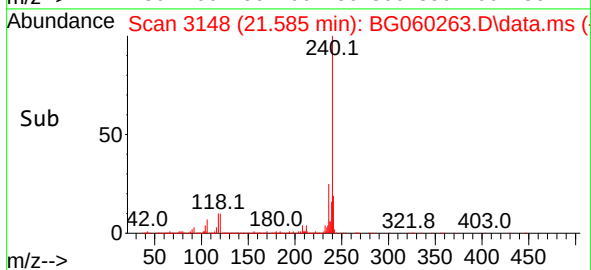
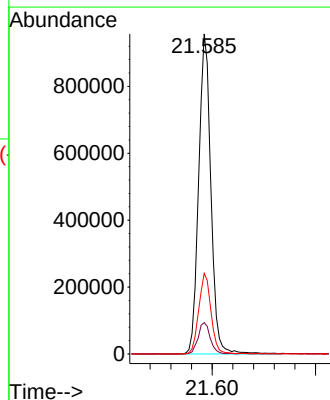
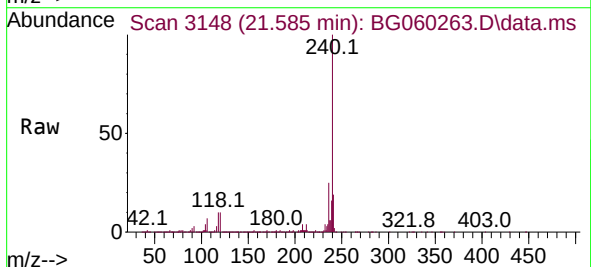
Tgt Ion:240 Resp: 1566627

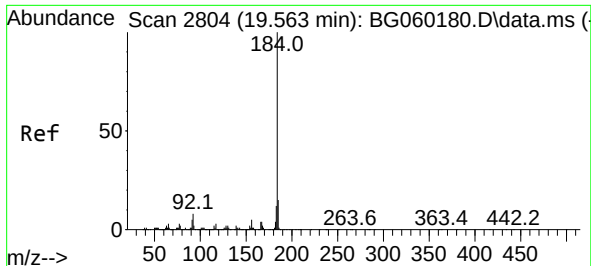
Ion Ratio Lower Upper

240 100

120 9.8 8.5 12.7

236 25.2 21.4 32.2

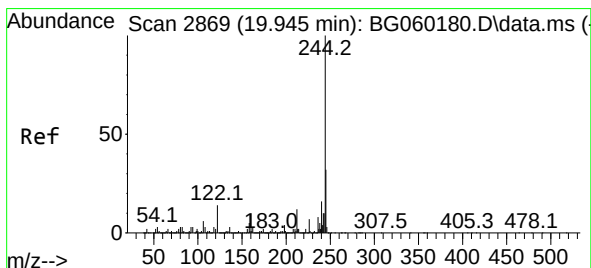
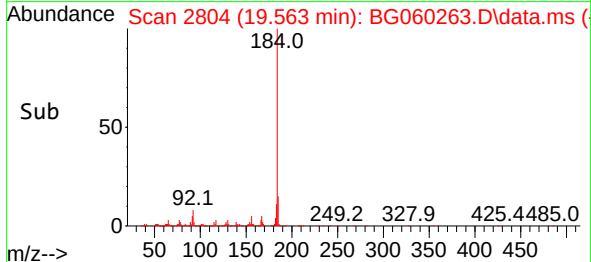
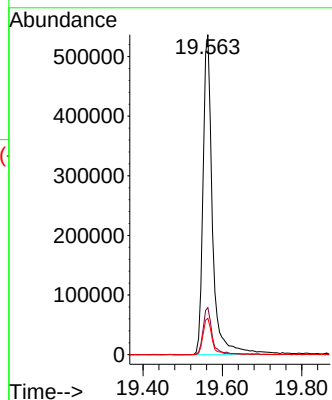
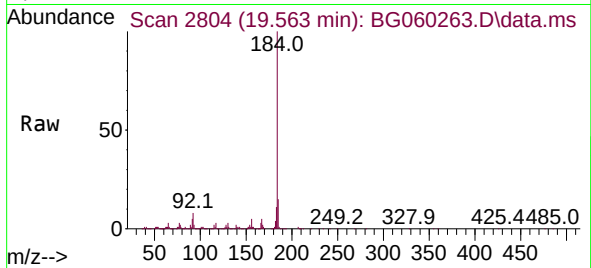




#77
Benzidine
Concen: 20.589 ng
RT: 19.563 min Scan# 2804
Delta R.T. 0.001 min
Lab File: BG060263.D
Acq: 5 Jan 2024 3:47

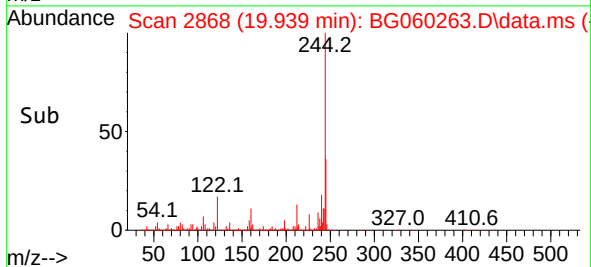
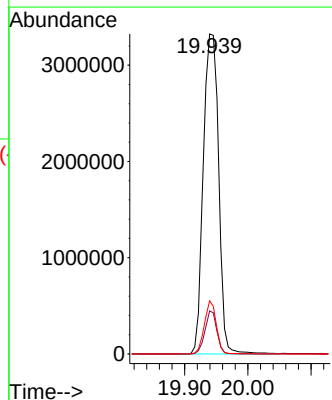
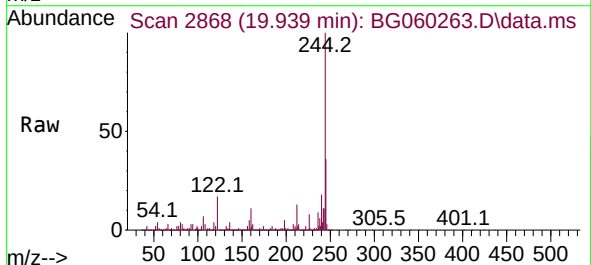
Instrument :
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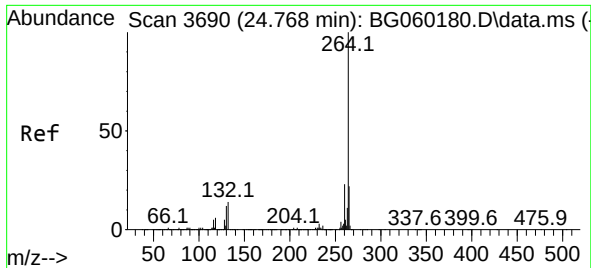
Tgt Ion:184 Resp: 892703
Ion Ratio Lower Upper
184 100
185 14.7 11.7 17.5
183 11.3 9.4 14.2



#79
Terphenyl-d14
Concen: 68.669 ng
RT: 19.939 min Scan# 2868
Delta R.T. -0.006 min
Lab File: BG060263.D
Acq: 5 Jan 2024 3:47

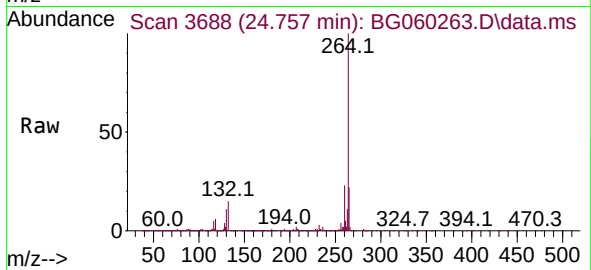
Tgt Ion:244 Resp: 5595769
Ion Ratio Lower Upper
244 100
212 13.5 9.5 14.3
122 16.6 11.4 17.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 24.757 min Scan# 30
Delta R.T. -0.011 min
Lab File: BG060263.D
Acq: 5 Jan 2024 3:47

Instrument :
BNA_G
ClientSampleId :
72-11978



Tgt Ion:264 Resp: 1745761
Ion Ratio Lower Upper
264 100
260 22.9 18.0 27.0
265 21.9 17.4 26.0

