

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010524\
 Data File : BG060277.D
 Acq On : 5 Jan 2024 19:18
 Operator : MA/JU
 Sample : 05967-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMA1

Quant Time: Jan 06 00:45:13 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	7.934	152	209907	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	806773	20.000	ng	0.00
39) Acenaphthene-d10	14.567	164	566251	20.000	ng	0.00
64) Phenanthrene-d10	17.317	188	1546299	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1590210	20.000	ng	0.00
86) Perylene-d12	24.756	264	1825008	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.507	112	722521	51.953	ng	0.00
7) Phenol-d6	7.094	99	586758	28.416	ng	0.00
23) Nitrobenzene-d5	9.092	82	1554857	89.020	ng	-0.01
42) 2,4,6-Tribromophenol	16.060	330	1152020	151.984	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	3417250	86.734	ng	0.00
79) Terphenyl-d14	19.938	244	5509623	66.609	ng	0.00

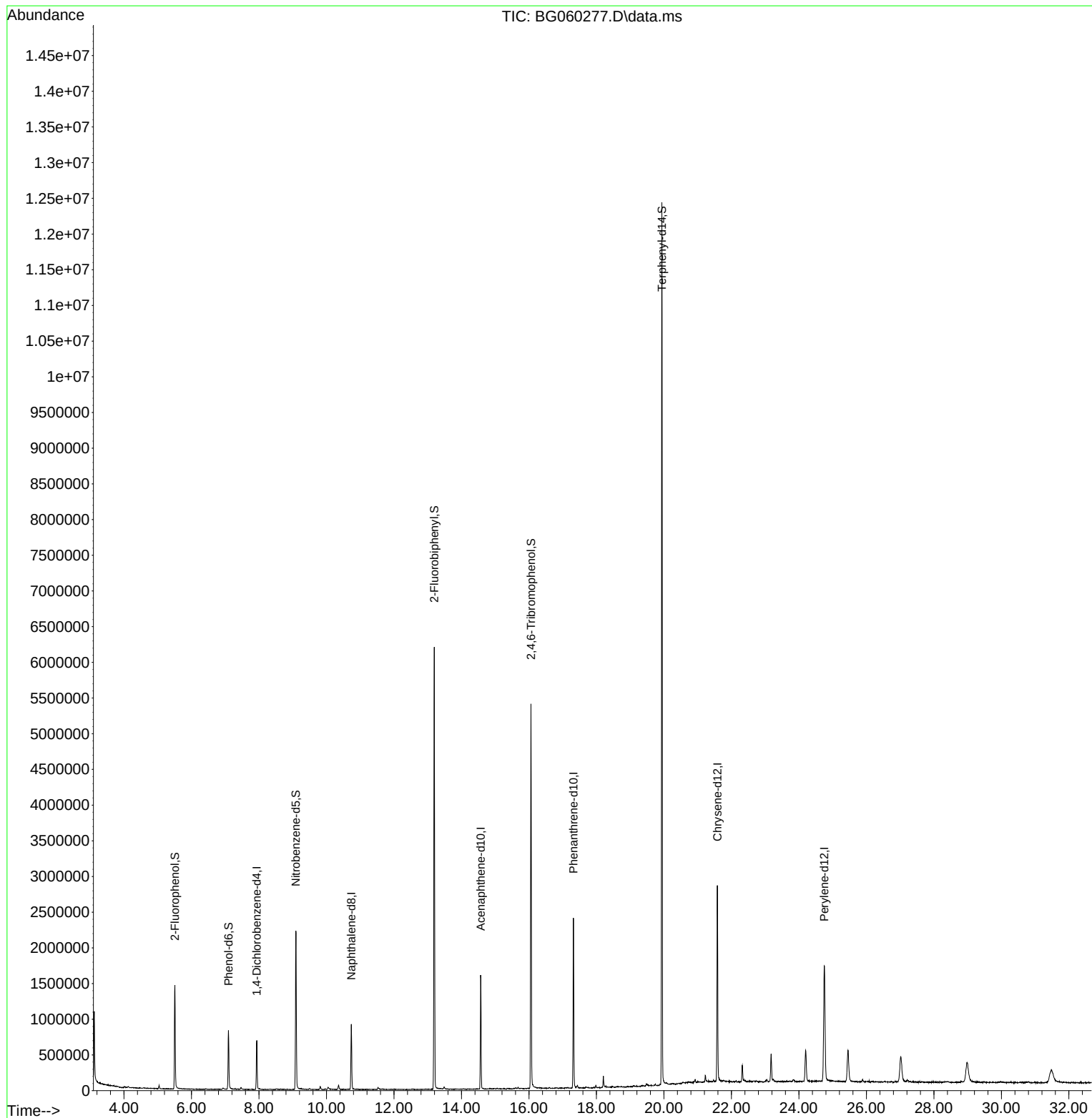
Target Compounds	Qvalue

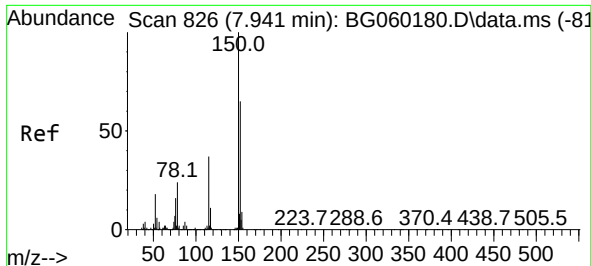
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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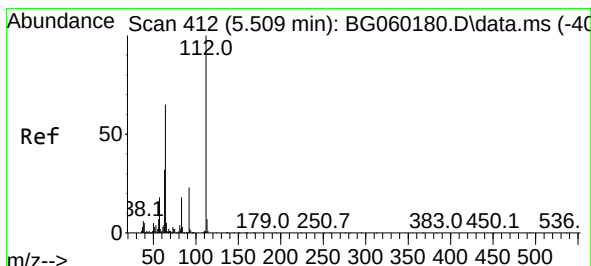
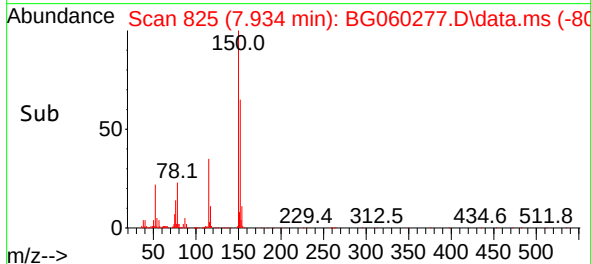
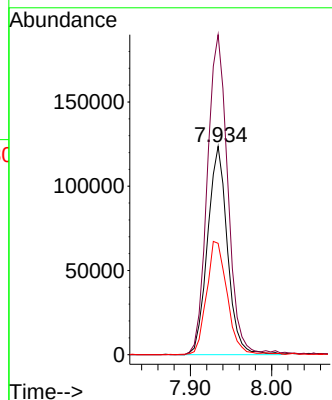
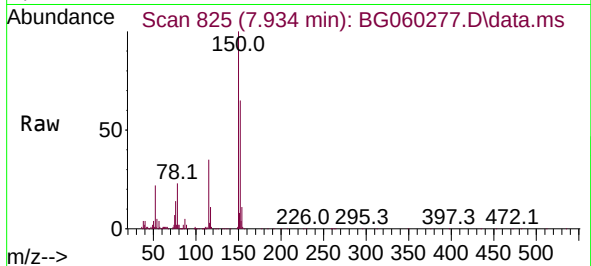




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.934 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

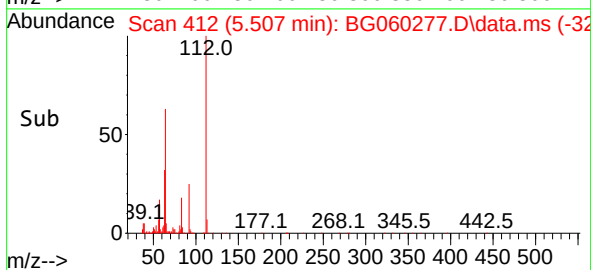
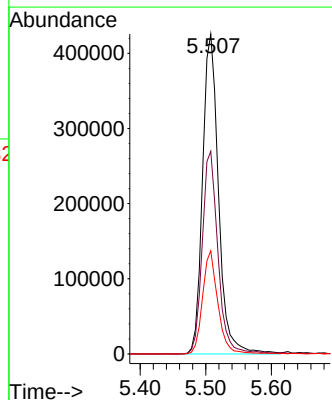
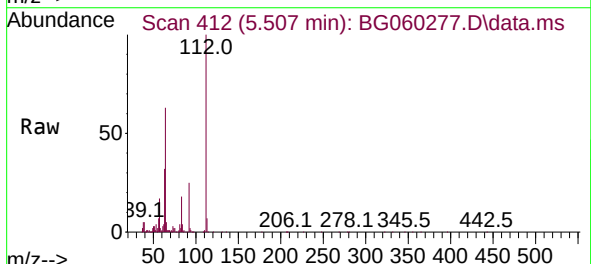
Instrument :
BNA_G
ClientSampleId :
COMA1

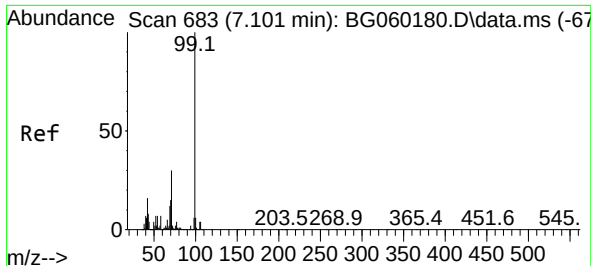
Tgt Ion:152 Resp: 209907
Ion Ratio Lower Upper
152 100
150 153.6 123.4 185.0
115 53.5 45.4 68.0



#5
2-Fluorophenol
Concen: 51.953 ng
RT: 5.507 min Scan# 412
Delta R.T. -0.001 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

Tgt Ion:112 Resp: 722521
Ion Ratio Lower Upper
112 100
64 63.4 52.2 78.4
63 32.3 25.4 38.0

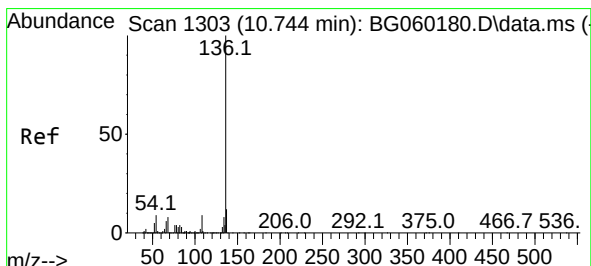
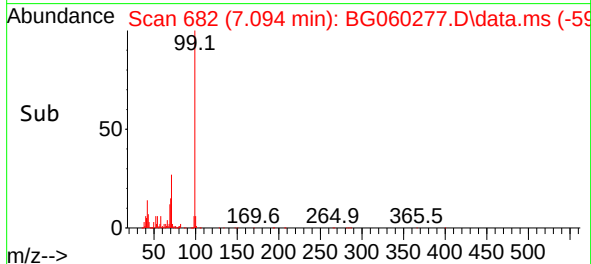
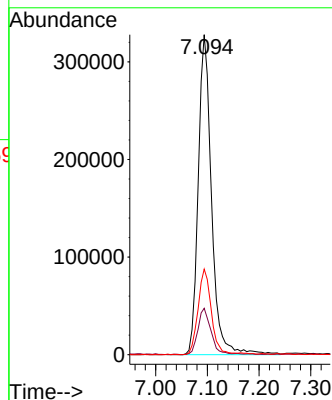
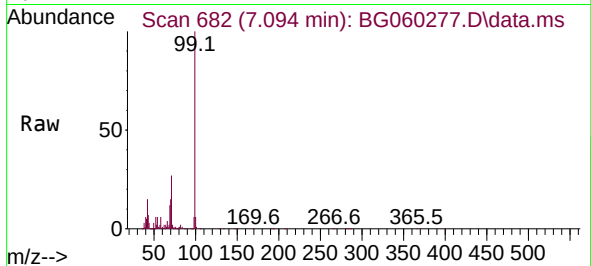




#7
Phenol-d6
Concen: 28.416 ng
RT: 7.094 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

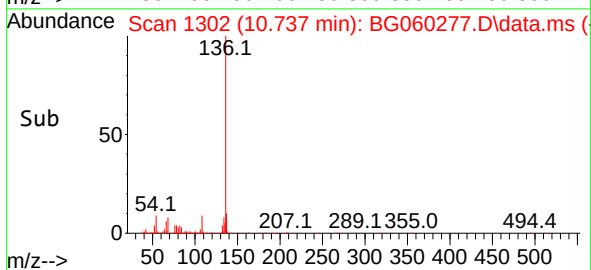
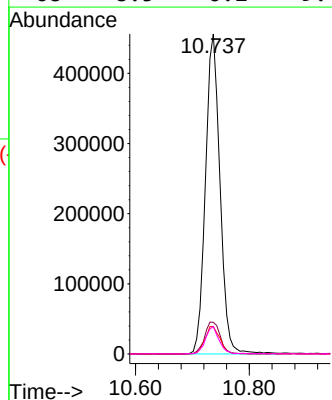
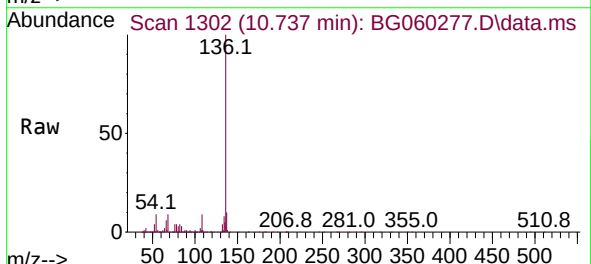
Instrument :
BNA_G
ClientSampleId :
COMA1

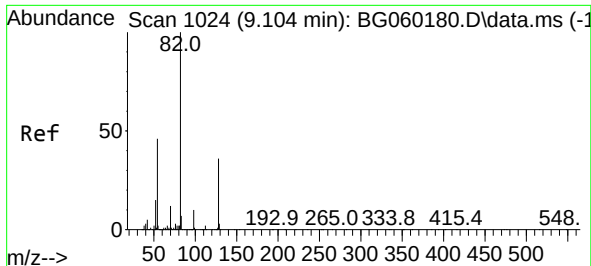
Tgt Ion: 99 Resp: 586758
Ion Ratio Lower Upper
99 100
42 14.5 12.5 18.7
71 26.8 24.1 36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1302
Delta R.T. -0.007 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

Tgt Ion: 136 Resp: 806773
Ion Ratio Lower Upper
136 100
137 9.9 9.4 14.0
54 8.6 7.4 11.2
68 8.5 6.2 9.4





#23

Nitrobenzene-d5

Concen: 89.020 ng

RT: 9.092 min Scan# 1022

Delta R.T. -0.013 min

Lab File: BG060277.D

Acq: 5 Jan 2024 19:18

Instrument :

BNA_G

ClientSampleId :

COMA1

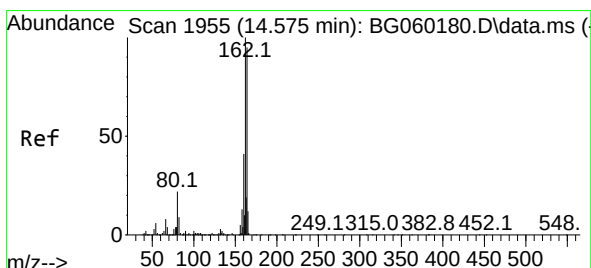
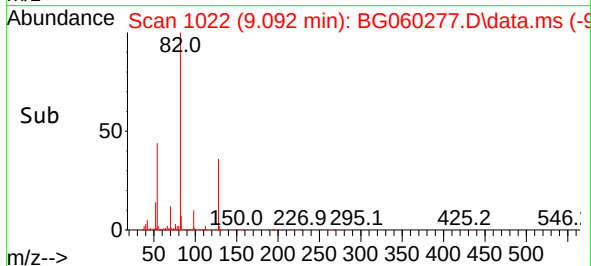
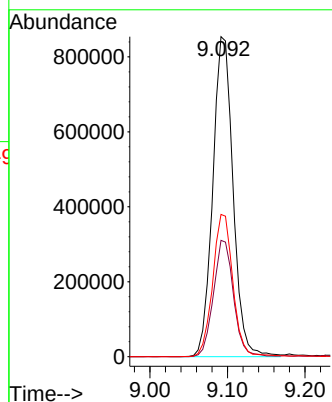
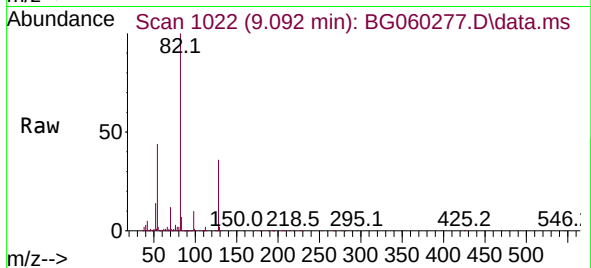
Tgt Ion: 82 Resp: 1554857

Ion Ratio Lower Upper

82 100

128 36.4 28.7 43.1

54 44.4 36.9 55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.567 min Scan# 1954

Delta R.T. -0.007 min

Lab File: BG060277.D

Acq: 5 Jan 2024 19:18

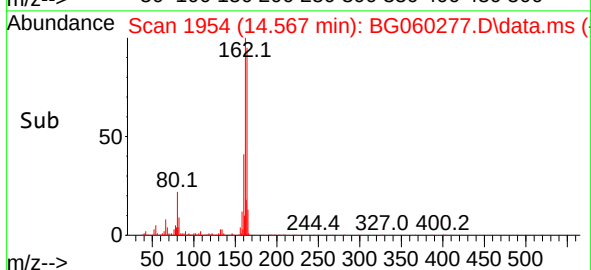
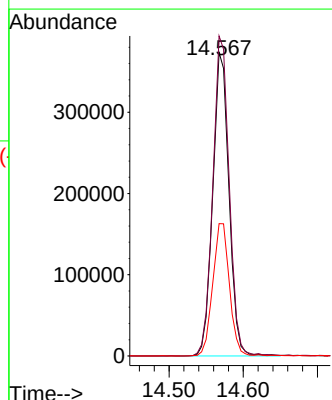
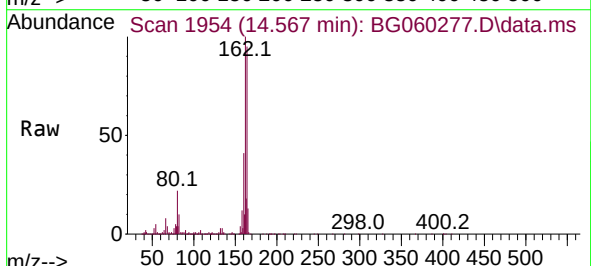
Tgt Ion:164 Resp: 566251

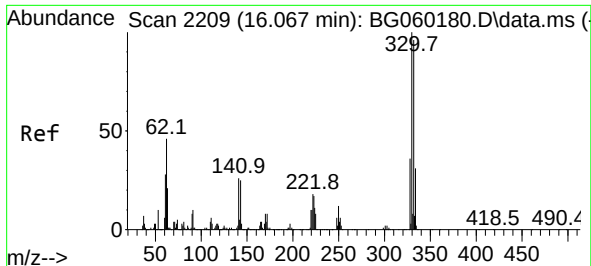
Ion Ratio Lower Upper

164 100

162 105.4 83.9 125.9

160 43.6 34.2 51.4

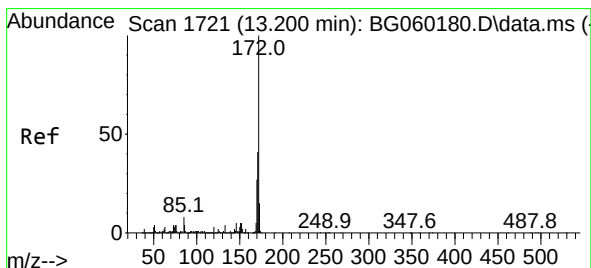
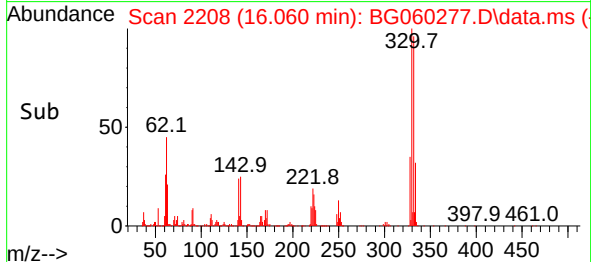
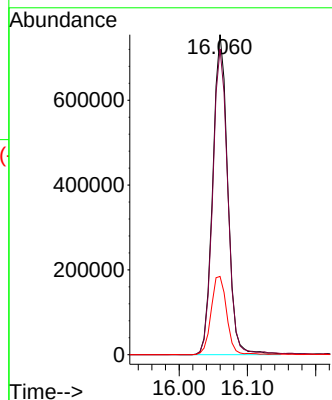
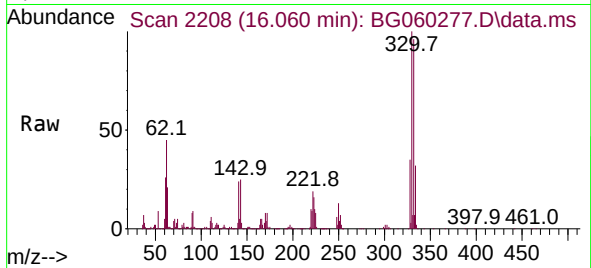




#42
2,4,6-Tribromophenol
Concen: 151.984 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.007 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

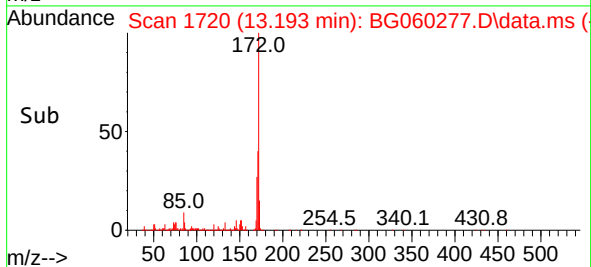
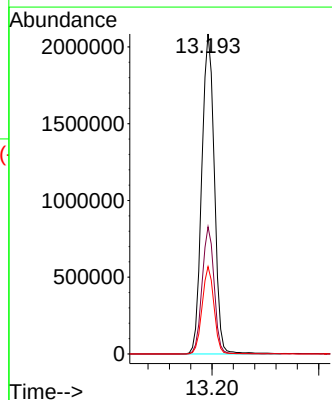
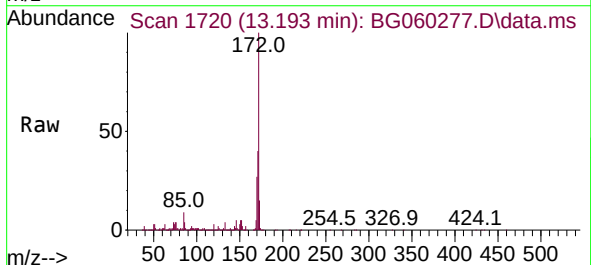
Instrument :
BNA_G
ClientSampleId :
COMA1

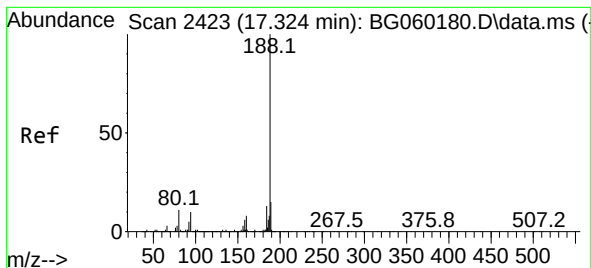
Tgt Ion:330 Resp: 1152020
Ion Ratio Lower Upper
330 100
332 96.4 76.7 115.1
141 25.5 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 86.734 ng
RT: 13.193 min Scan# 1720
Delta R.T. -0.007 min
Lab File: BG060277.D
Acq: 5 Jan 2024 19:18

Tgt Ion:172 Resp: 3417250
Ion Ratio Lower Upper
172 100
171 39.8 32.6 48.8
170 27.3 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.317 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG060277.D

Acq: 5 Jan 2024 19:18

Instrument :

BNA_G

ClientSampleId :

COMA1

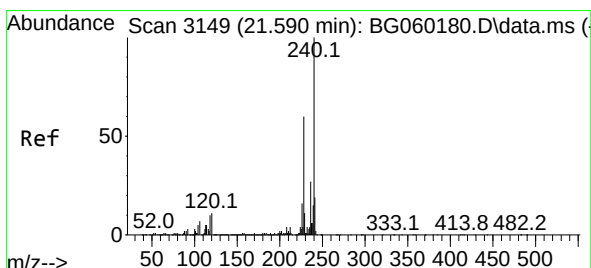
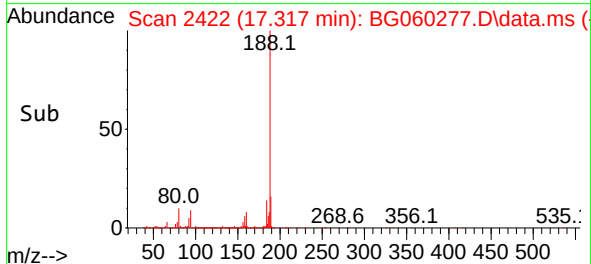
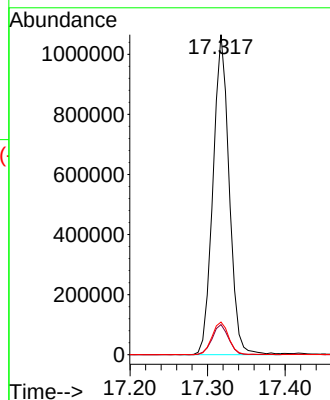
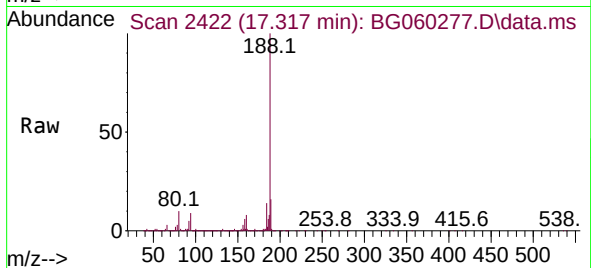
Tgt Ion:188 Resp: 1546299

Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.6

80 10.2 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3148

Delta R.T. -0.007 min

Lab File: BG060277.D

Acq: 5 Jan 2024 19:18

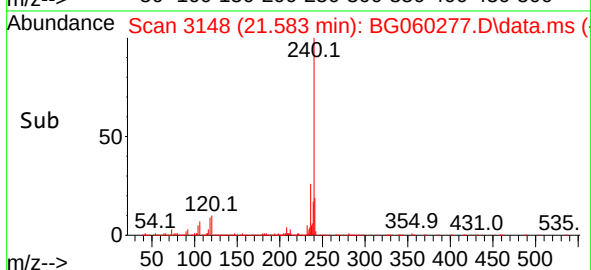
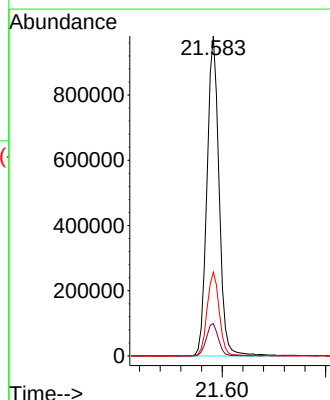
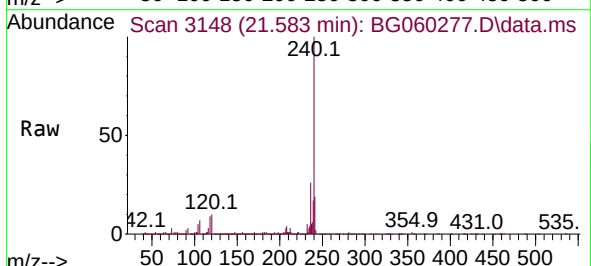
Tgt Ion:240 Resp: 1590210

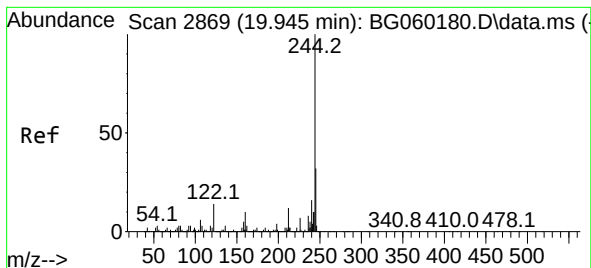
Ion Ratio Lower Upper

240 100

120 10.1 8.5 12.7

236 26.2 21.4 32.2





#79

Terphenyl-d14

Concen: 66.609 ng

RT: 19.938 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG060277.D

Acq: 5 Jan 2024 19:18

Instrument :

BNA_G

ClientSampleId :

COMA1

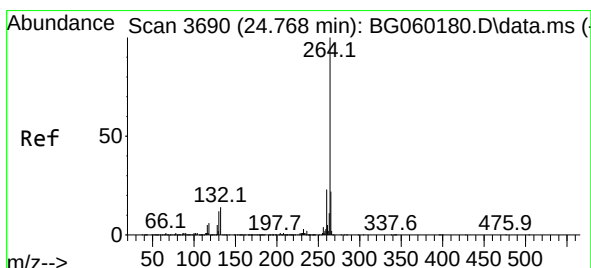
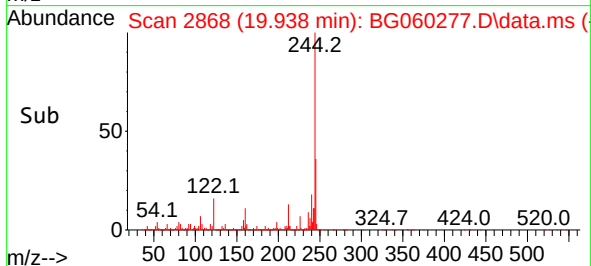
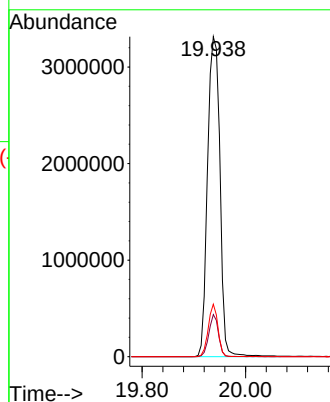
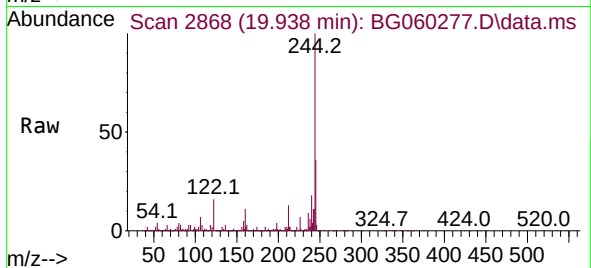
Tgt Ion:244 Resp: 5509623

Ion Ratio Lower Upper

244 100

212 13.2 9.5 14.3

122 16.4 11.4 17.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.756 min Scan# 3688

Delta R.T. -0.013 min

Lab File: BG060277.D

Acq: 5 Jan 2024 19:18

Tgt Ion:264 Resp: 1825008

Ion Ratio Lower Upper

264 100

260 22.4 18.0 27.0

265 20.7 17.4 26.0

