

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG010324\
 Data File : BG060222.D
 Acq On : 3 Jan 2024 11:30
 Operator : MA/JU
 Sample : PB158053BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158053BL

Quant Time: Jan 03 12:21:49 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	7.935	152	231254	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	964947	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	762714	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	2006152	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1905243	20.000	ng	0.00
86) Perylene-d12	24.762	264	2137398	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.508	112	2151469	140.421	ng	0.00
7) Phenol-d6	7.101	99	3049543	134.052	ng	0.00
23) Nitrobenzene-d5	9.098	82	1869880	89.507	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1375671	134.741	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	4350076	81.971	ng	0.00
79) Terphenyl-d14	19.944	244	6185722	62.417	ng	0.00

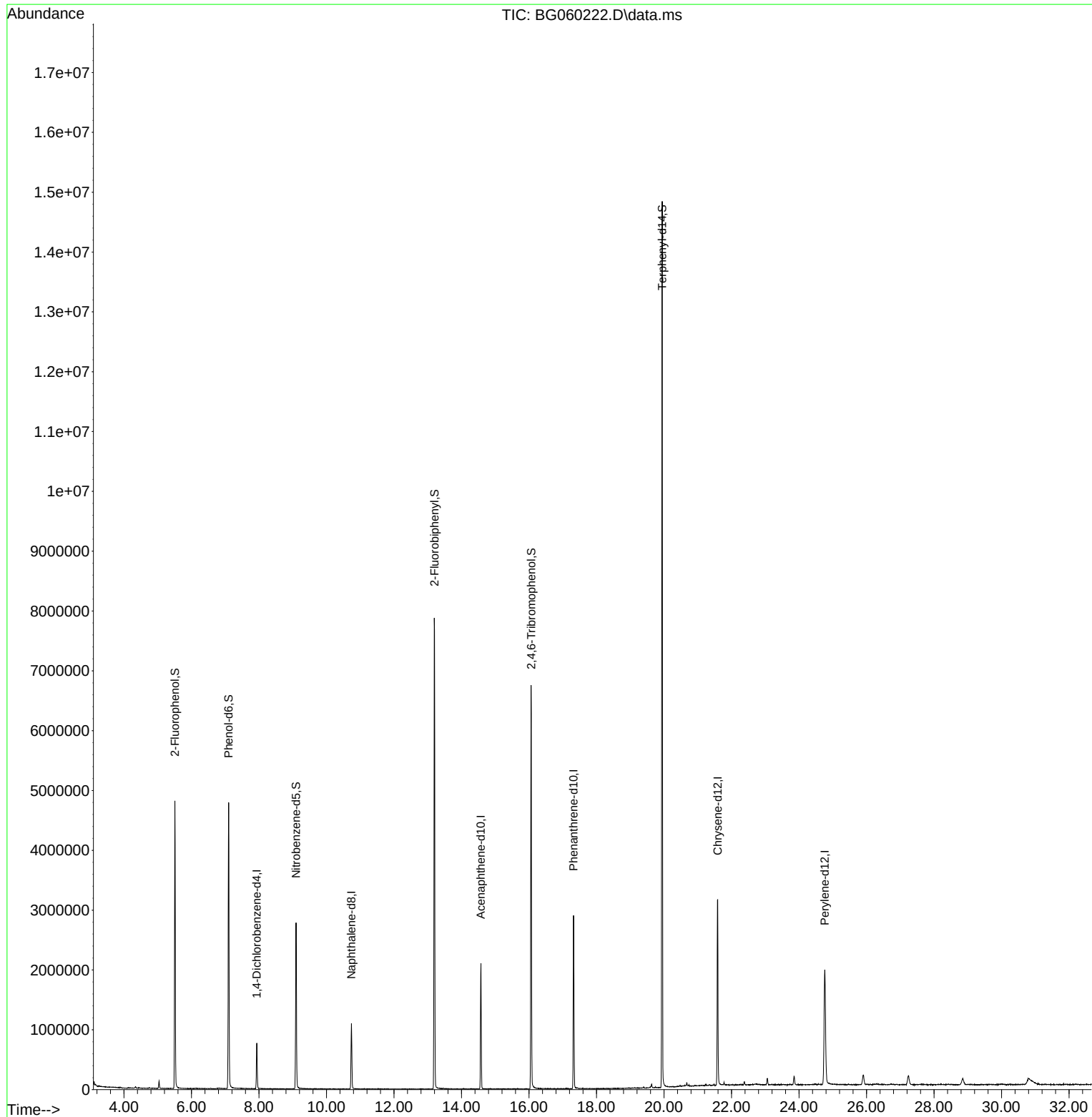
Target Compounds	Qvalue

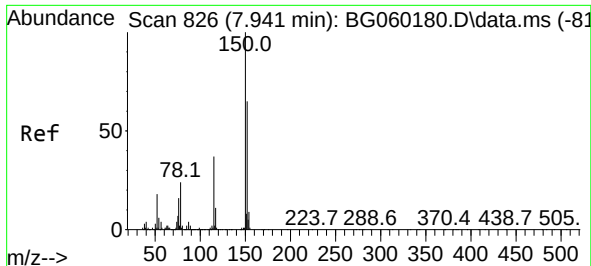
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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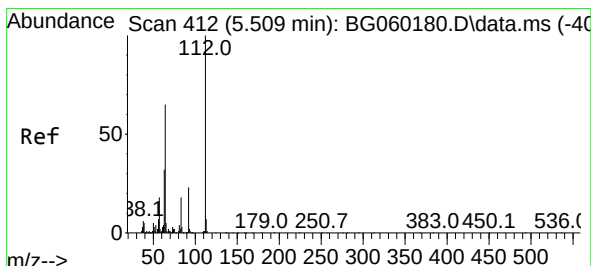
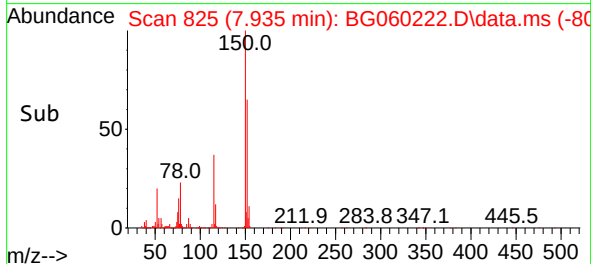
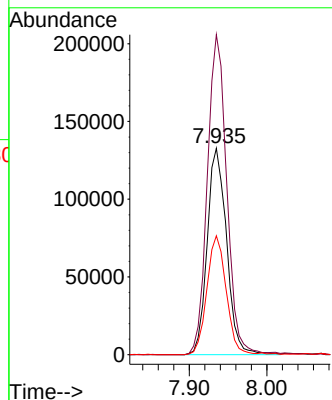
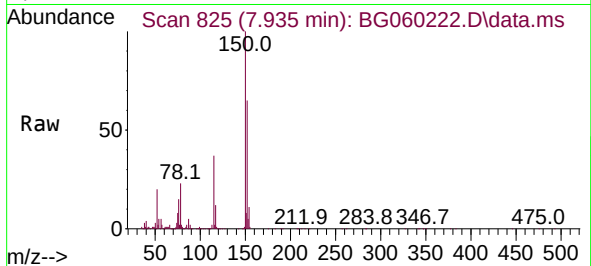




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

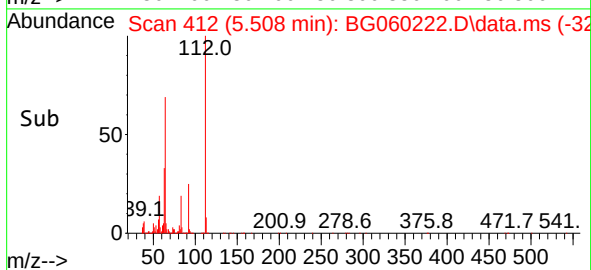
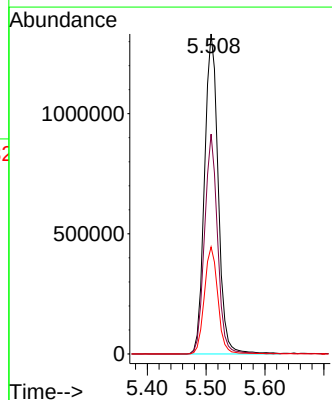
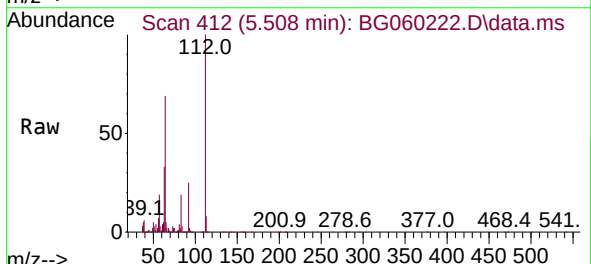
Instrument :
BNA_G
ClientSampleId :
PB158053BL

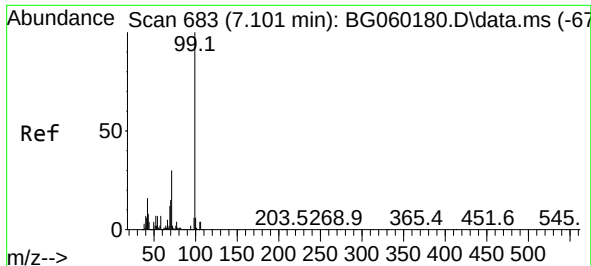
Tgt Ion:152 Resp: 231254
Ion Ratio Lower Upper
152 100
150 155.0 123.4 185.0
115 57.6 45.4 68.0



#5
2-Fluorophenol
Concen: 140.421 ng
RT: 5.508 min Scan# 412
Delta R.T. -0.000 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

Tgt Ion:112 Resp: 2151469
Ion Ratio Lower Upper
112 100
64 68.7 52.2 78.4
63 33.5 25.4 38.0

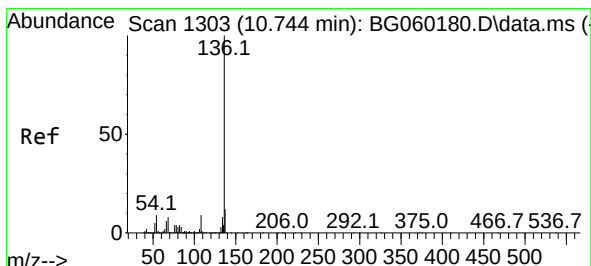
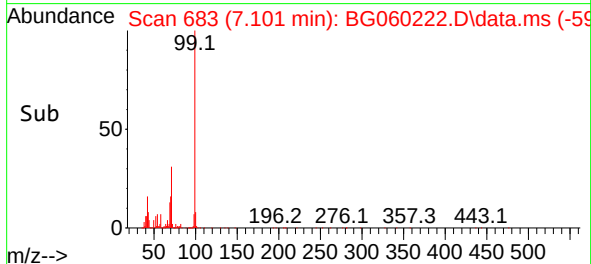
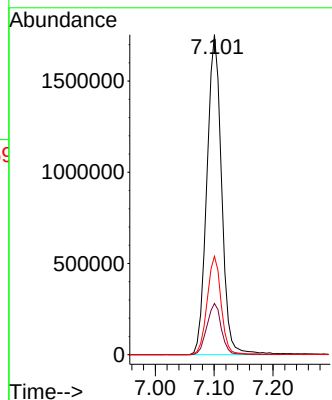
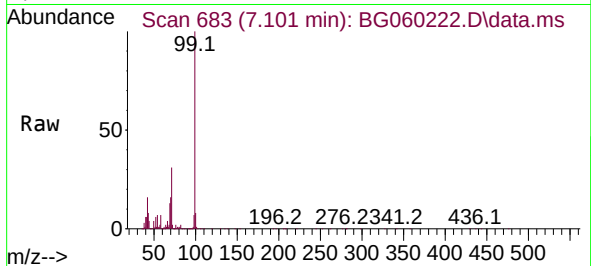




#7
Phenol-d6
Concen: 134.052 ng
RT: 7.101 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

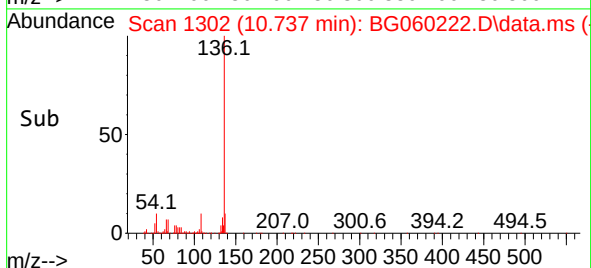
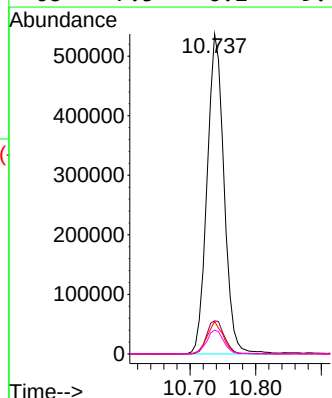
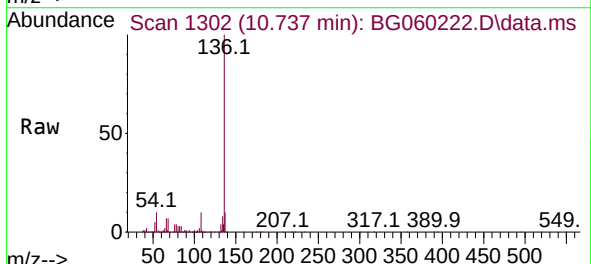
Instrument :
BNA_G
ClientSampleId :
PB158053BL

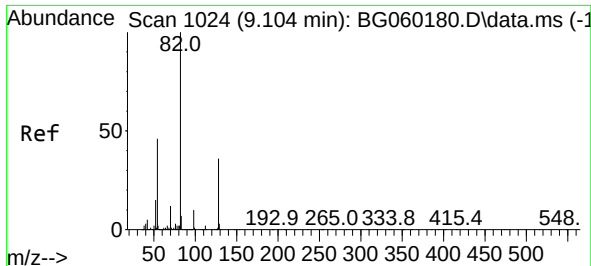
Tgt Ion: 99 Resp: 3049543
Ion Ratio Lower Upper
99 100
42 16.0 12.5 18.7
71 30.8 24.1 36.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

Tgt Ion:136 Resp: 964947
Ion Ratio Lower Upper
136 100
137 10.4 9.4 14.0
54 10.2 7.4 11.2
68 7.5 6.2 9.4





#23

Nitrobenzene-d5

Concen: 89.507 ng

RT: 9.098 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BG060222.D

Acq: 3 Jan 2024 11:30

Instrument :

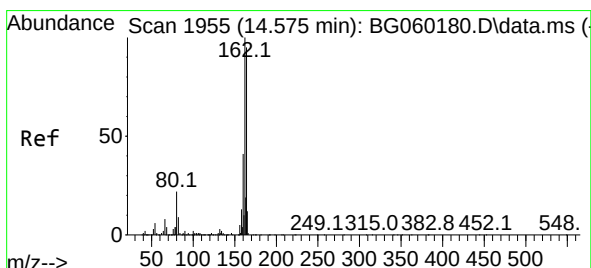
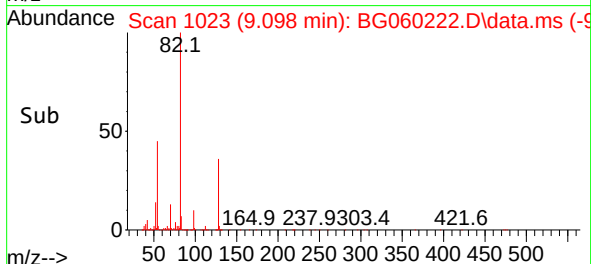
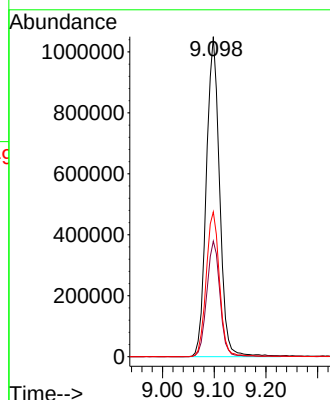
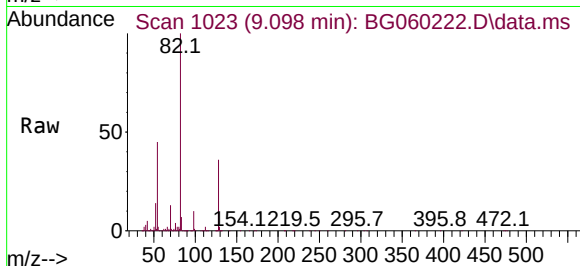
BNA_G

ClientSampleId :

PB158053BL

Tgt Ion: 82 Resp: 1869880

Ion	Ratio	Lower	Upper
82	100		
128	36.1	28.7	43.1
54	45.3	36.9	55.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.574 min Scan# 1955

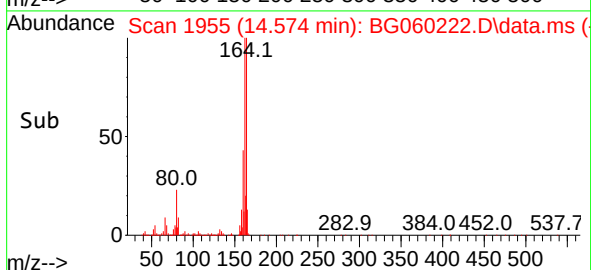
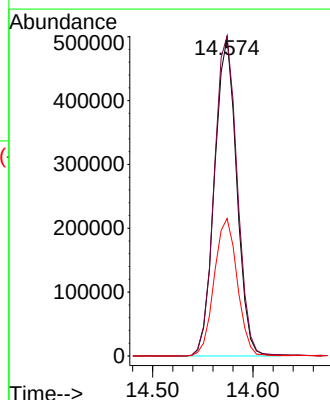
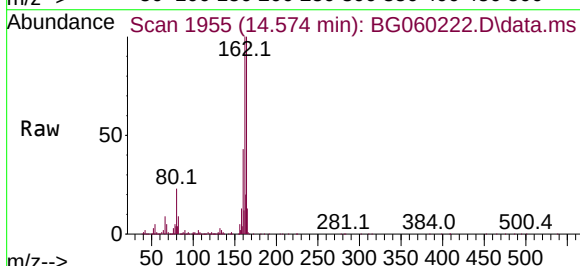
Delta R.T. -0.000 min

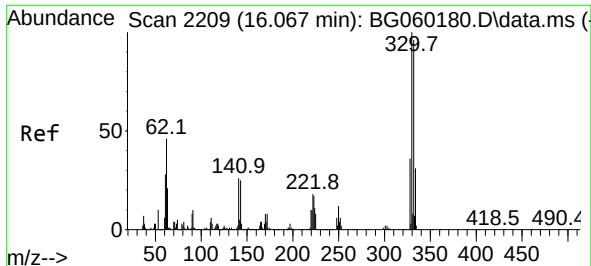
Lab File: BG060222.D

Acq: 3 Jan 2024 11:30

Tgt Ion: 164 Resp: 762714

Ion	Ratio	Lower	Upper
164	100		
162	100.4	83.9	125.9
160	43.2	34.2	51.4

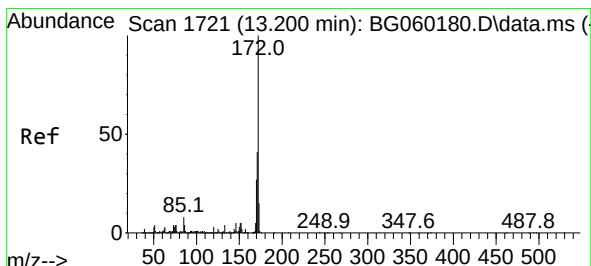
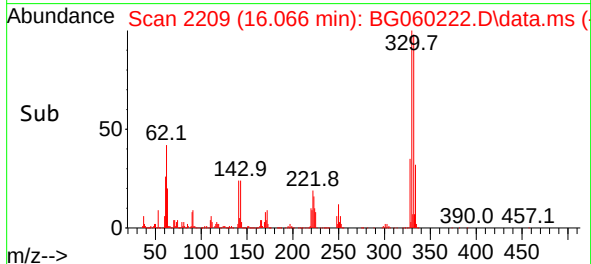
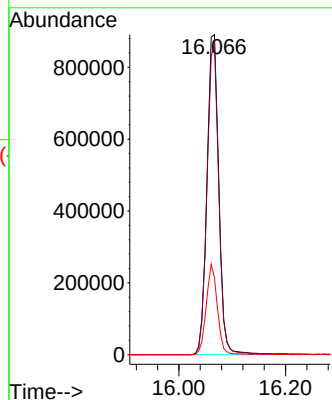
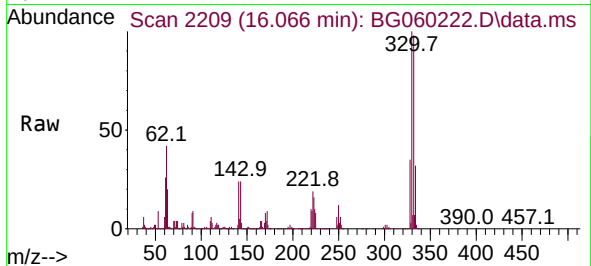




#42
2,4,6-Tribromophenol
Concen: 134.741 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

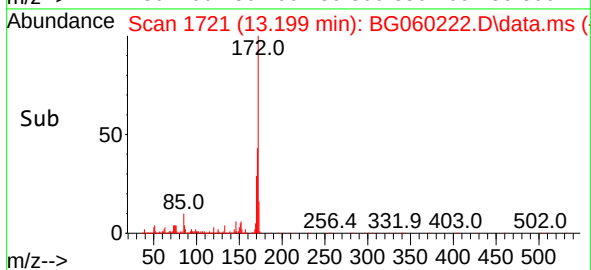
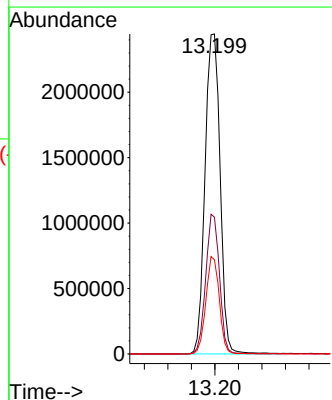
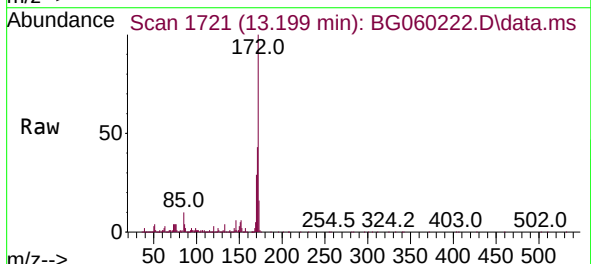
Instrument :
BNA_G
ClientSampleId :
PB158053BL

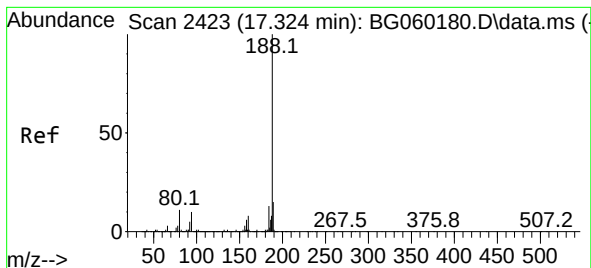
Tgt Ion:330 Resp: 1375671
Ion Ratio Lower Upper
330 100
332 96.1 76.7 115.1
141 26.4 21.0 31.4



#45
2-Fluorobiphenyl
Concen: 81.971 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.000 min
Lab File: BG060222.D
Acq: 3 Jan 2024 11:30

Tgt Ion:172 Resp: 4350076
Ion Ratio Lower Upper
172 100
171 42.8 32.6 48.8
170 29.4 21.8 32.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.318 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG060222.D

Acq: 3 Jan 2024 11:30

Instrument :

BNA_G

ClientSampleId :

PB158053BL

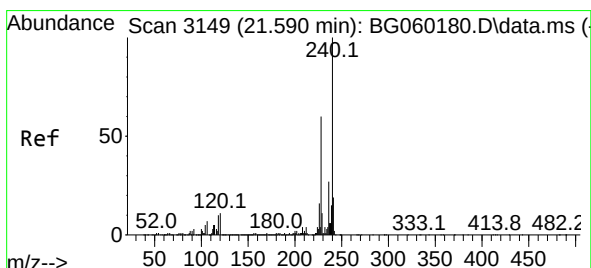
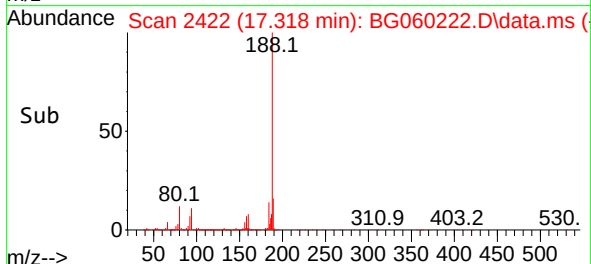
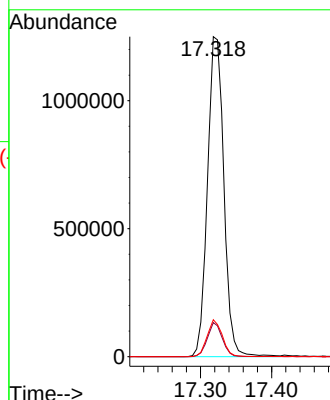
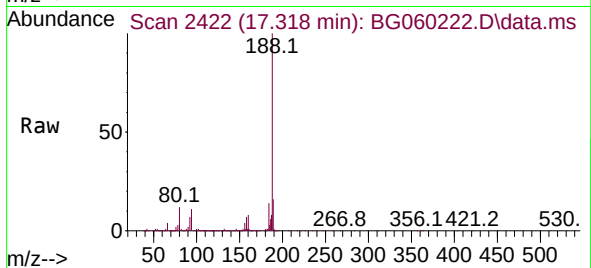
Tgt Ion:188 Resp: 2006152

Ion Ratio Lower Upper

188 100

94 10.7 7.8 11.6

80 11.5 8.6 13.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3149

Delta R.T. -0.000 min

Lab File: BG060222.D

Acq: 3 Jan 2024 11:30

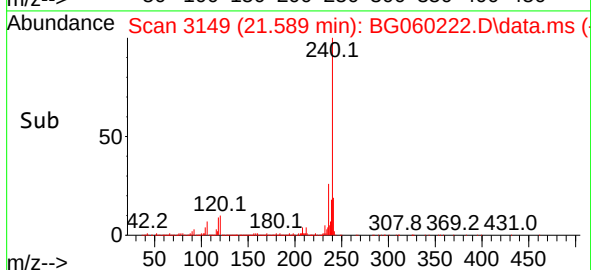
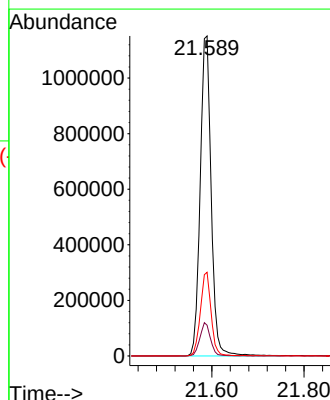
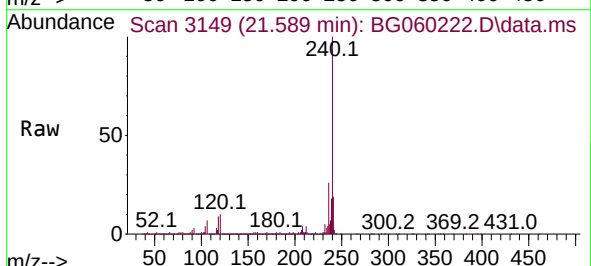
Tgt Ion:240 Resp: 1905243

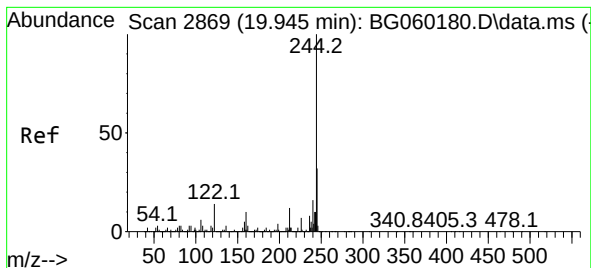
Ion Ratio Lower Upper

240 100

120 9.6 8.5 12.7

236 26.1 21.4 32.2





#79

Terphenyl-d14

Concen: 62.417 ng

RT: 19.944 min Scan# 21

Delta R.T. -0.001 min

Lab File: BG060222.D

Acq: 3 Jan 2024 11:30

Instrument :

BNA_G

ClientSampleId :

PB158053BL

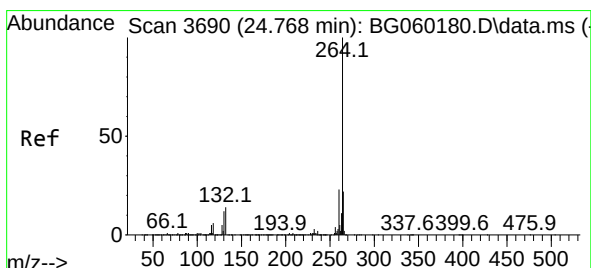
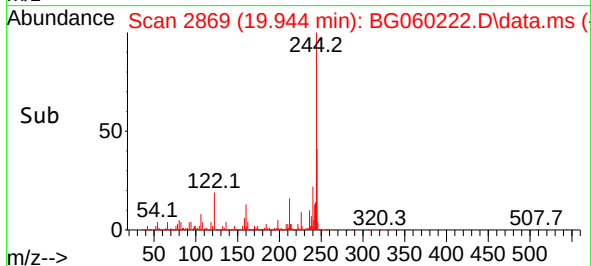
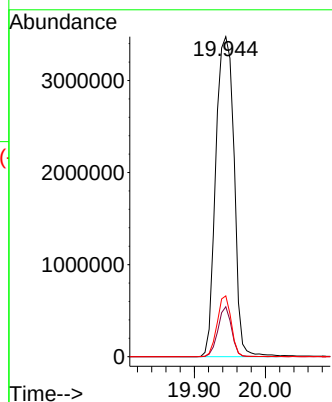
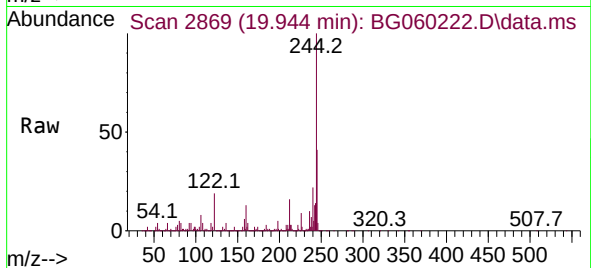
Tgt Ion:244 Resp: 6185722

Ion Ratio Lower Upper

244 100

212 15.6 9.5 14.3#

122 19.0 11.4 17.2#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.762 min Scan# 3689

Delta R.T. -0.006 min

Lab File: BG060222.D

Acq: 3 Jan 2024 11:30

Tgt Ion:264 Resp: 2137398

Ion Ratio Lower Upper

264 100

260 22.4 18.0 27.0

265 20.9 17.4 26.0

