

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG011224\
 Data File : BG060324.D
 Acq On : 12 Jan 2024 20:31
 Operator : MA/JU
 Sample : P1117-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S1-COMPOSITE

Quant Time: Jan 12 23:44:51 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG010824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 09 04:07:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.930	152	255719	20.000	ng	0.00
21) Naphthalene-d8	10.732	136	979302	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	716852	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	1785624	20.000	ng	0.00
76) Chrysene-d12	21.573	240	1755995	20.000	ng	0.00
86) Perylene-d12	24.739	264	1873403	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.509	112	1969460	126.676	ng	0.00
7) Phenol-d6	7.095	99	2666290	115.816	ng	0.00
23) Nitrobenzene-d5	9.093	82	1953359	94.187	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	1359552	128.905	ng	0.00
45) 2-Fluorobiphenyl	13.188	172	4282518	83.058	ng	0.00
79) Terphenyl-d14	19.933	244	6059162	88.289	ng	0.00

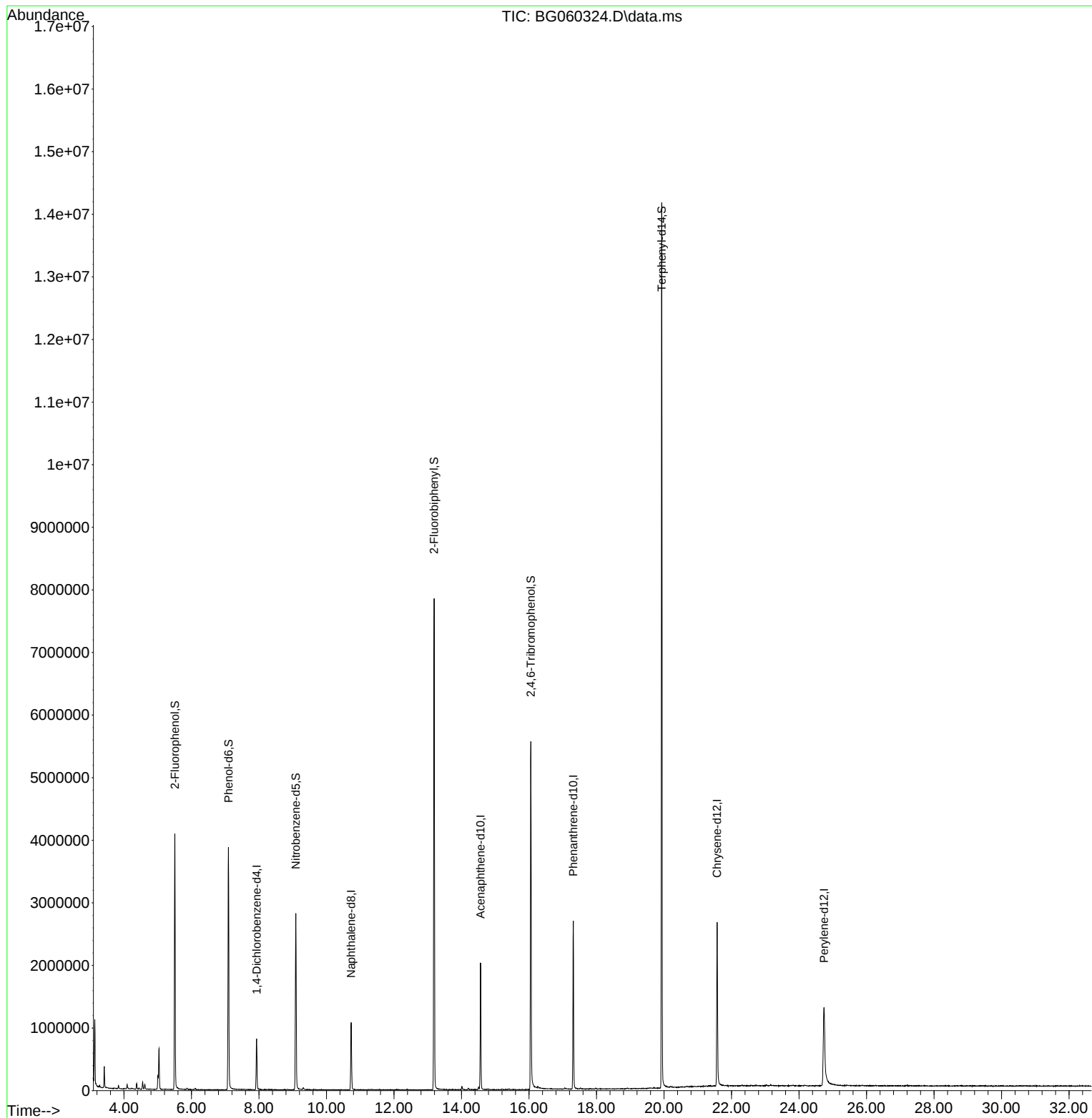
Target Compounds	Qvalue

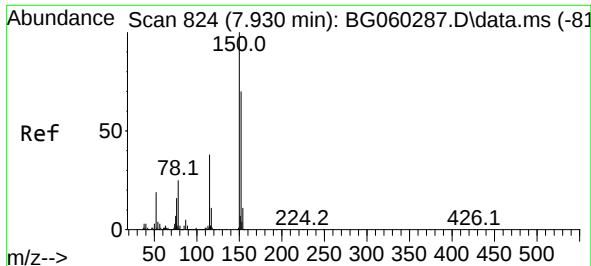
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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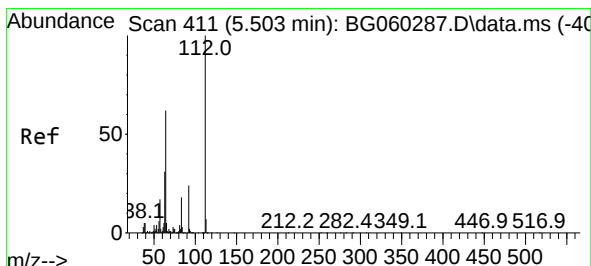
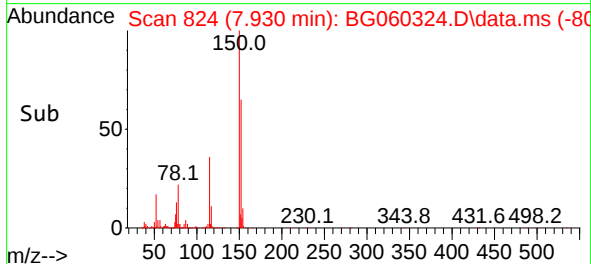
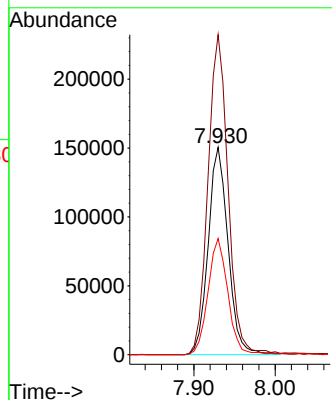
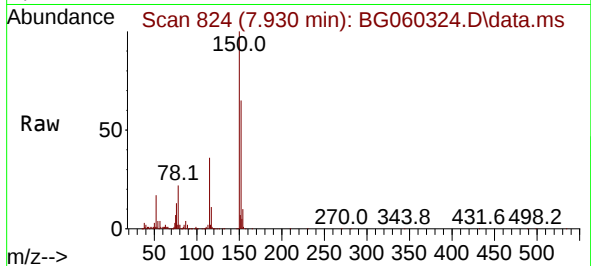




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

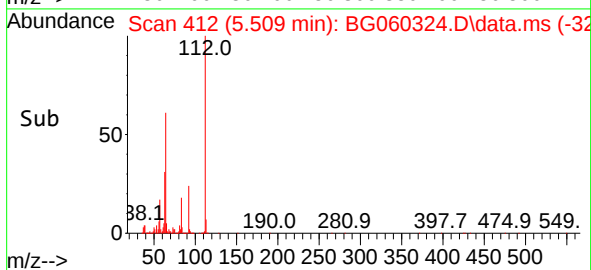
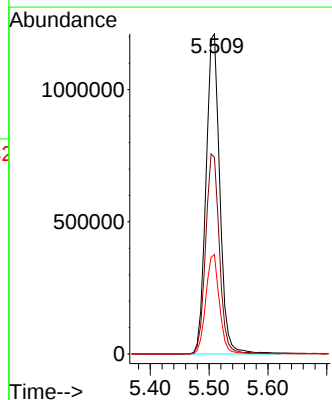
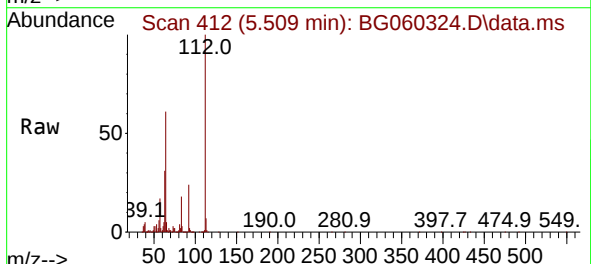
Instrument :
BNA_G
ClientSampleId :
S1-COMPOSITE

Tgt Ion:152 Resp: 255719
Ion Ratio Lower Upper
152 100
150 154.3 114.5 171.7
115 56.0 43.0 64.6



#5
2-Fluorophenol
Concen: 126.676 ng
RT: 5.509 min Scan# 412
Delta R.T. 0.006 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

Tgt Ion:112 Resp: 1969460
Ion Ratio Lower Upper
112 100
64 61.5 49.8 74.6
63 31.0 24.4 36.6

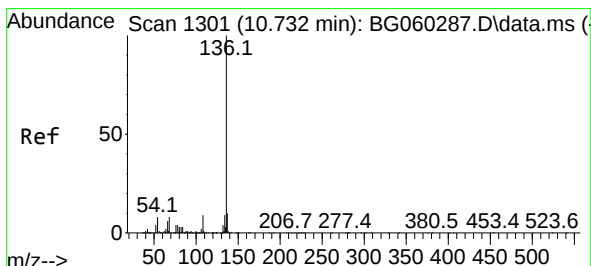
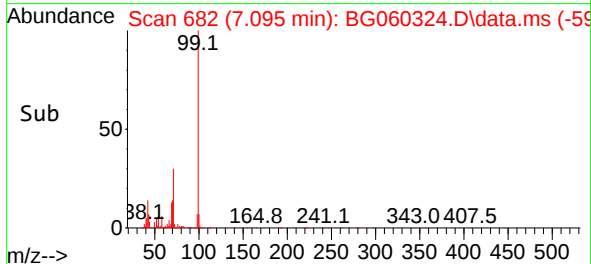
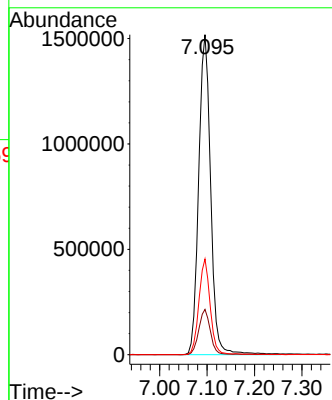
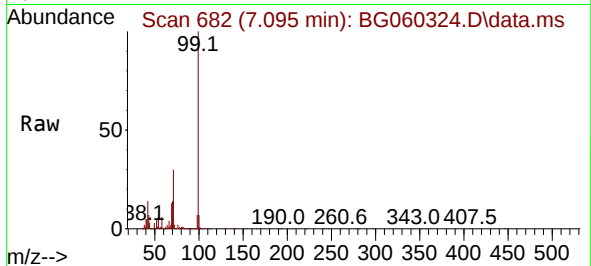




#7
Phenol-d6
Concen: 115.816 ng
RT: 7.095 min Scan# 61
Delta R.T. 0.000 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

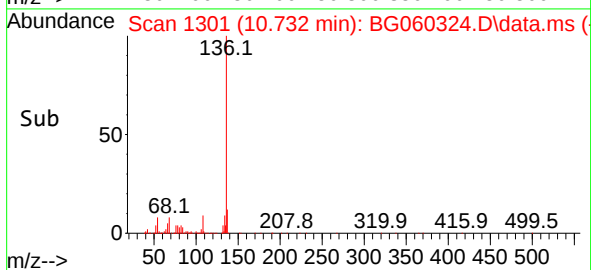
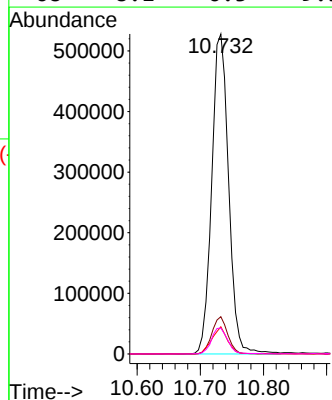
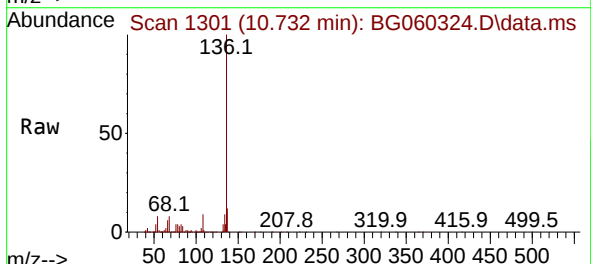
Instrument :
BNA_G
ClientSampleId :
S1-COMPOSITE

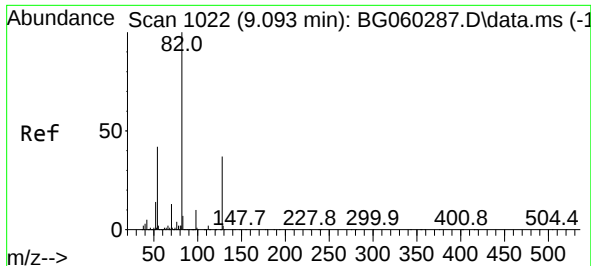
Tgt Ion: 99 Resp: 2666290
Ion Ratio Lower Upper
99 100
42 14.1 10.9 16.3
71 29.9 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.732 min Scan# 1301
Delta R.T. 0.000 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

Tgt Ion:136 Resp: 979302
Ion Ratio Lower Upper
136 100
137 11.6 8.2 12.4
54 8.5 6.2 9.2
68 8.1 6.3 9.5

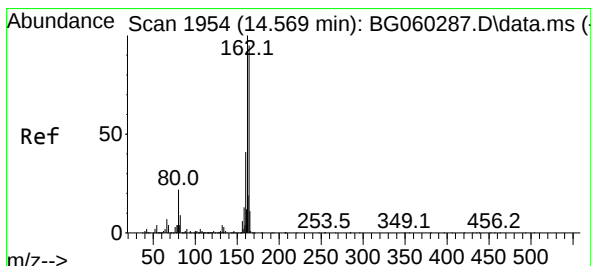
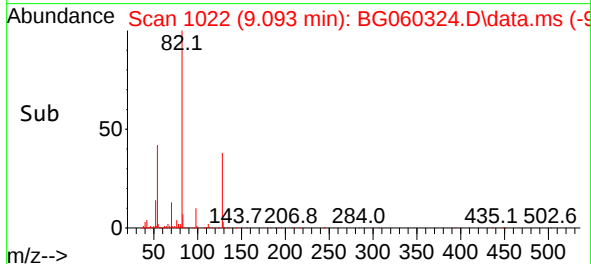
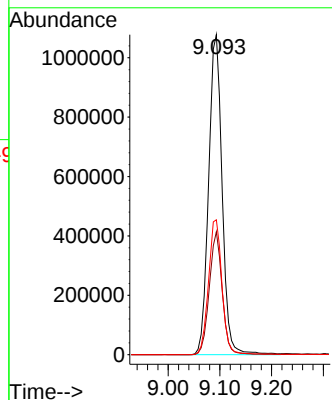
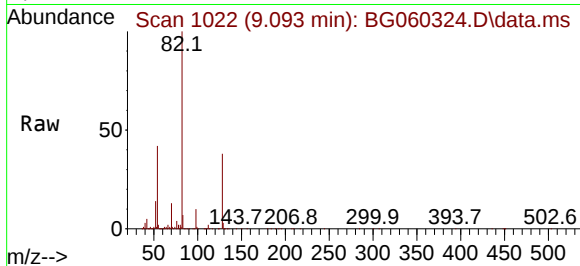




#23
Nitrobenzene-d5
Concen: 94.187 ng
RT: 9.093 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

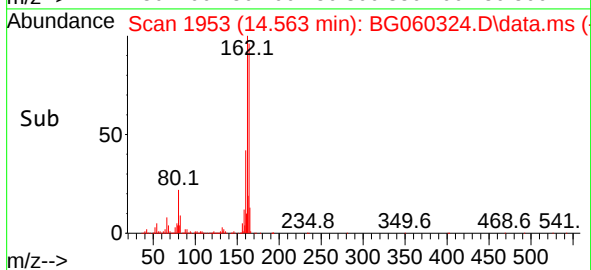
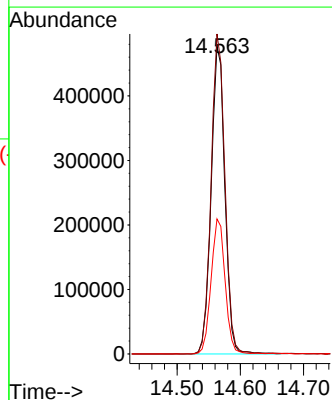
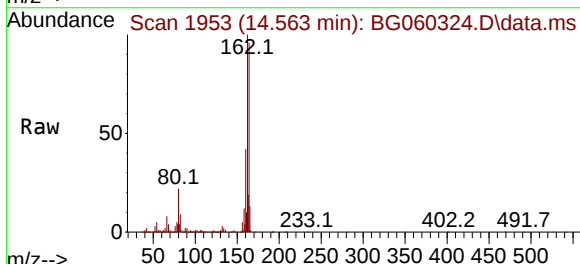
Instrument :
BNA_G
ClientSampleId :
S1-COMPOSITE

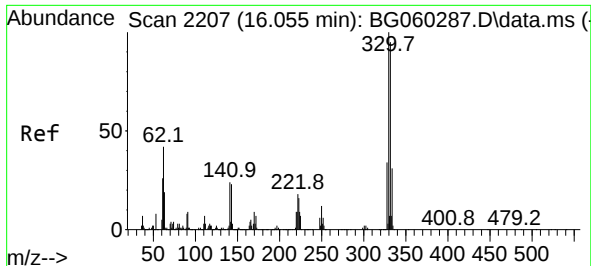
Tgt Ion: 82 Resp: 1953359
Ion Ratio Lower Upper
82 100
128 38.4 29.6 44.4
54 42.2 33.6 50.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

Tgt Ion:164 Resp: 716852
Ion Ratio Lower Upper
164 100
162 104.0 84.4 126.6
160 43.9 34.6 52.0

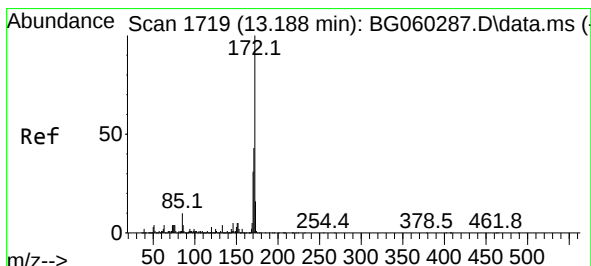
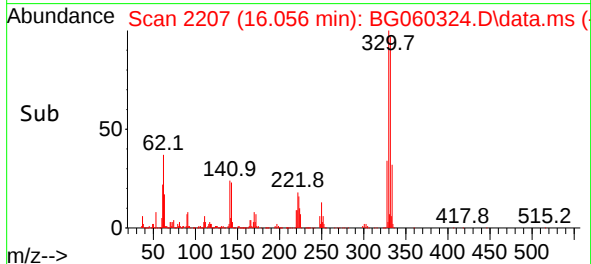
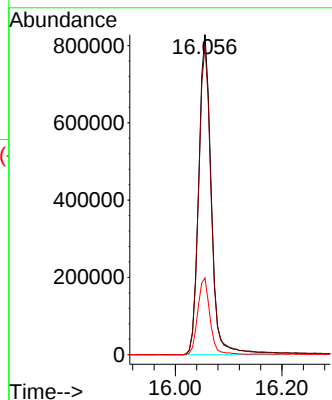
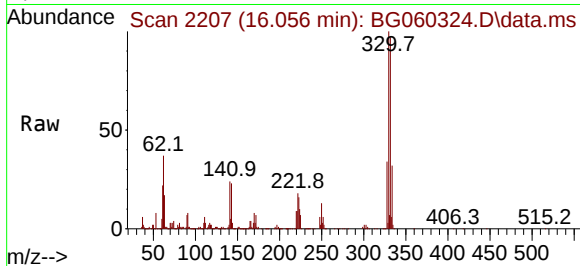




#42
2,4,6-Tribromophenol
Concen: 128.905 ng
RT: 16.056 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

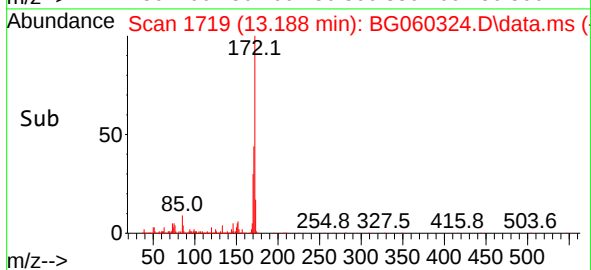
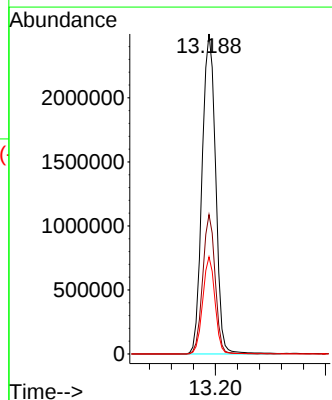
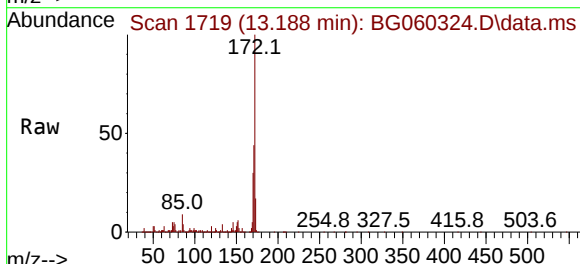
Instrument :
BNA_G
ClientSampleId :
S1-COMPOSITE

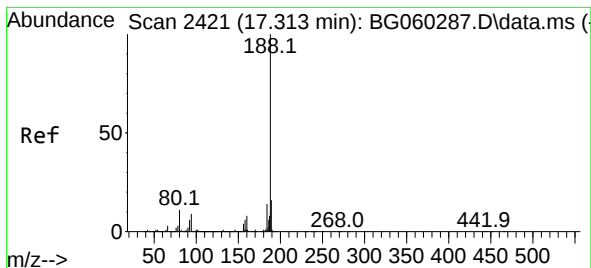
Tgt Ion:330 Resp: 1359552
Ion Ratio Lower Upper
330 100
332 97.8 76.7 115.1
141 23.1 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 83.058 ng
RT: 13.188 min Scan# 1719
Delta R.T. 0.000 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

Tgt Ion:172 Resp: 4282518
Ion Ratio Lower Upper
172 100
171 43.6 34.6 51.8
170 30.3 24.4 36.6

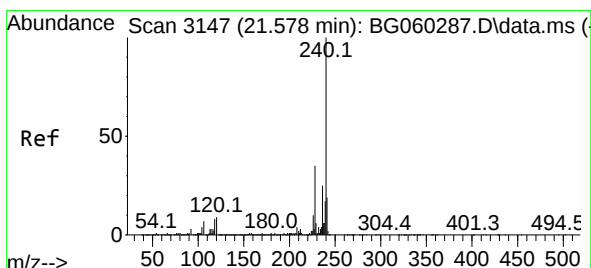
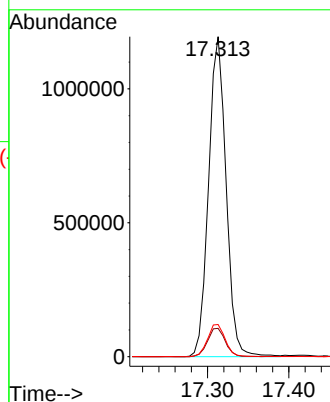
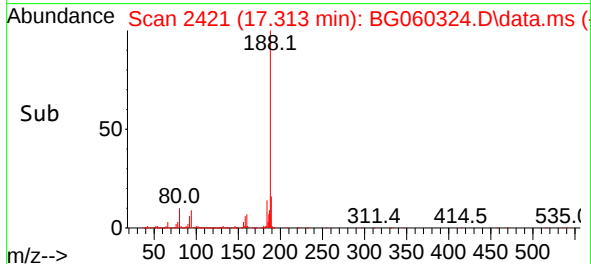
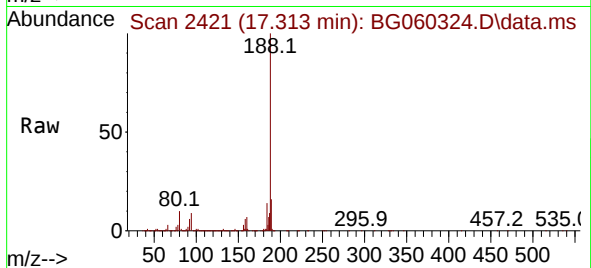




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2421
Delta R.T. 0.000 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

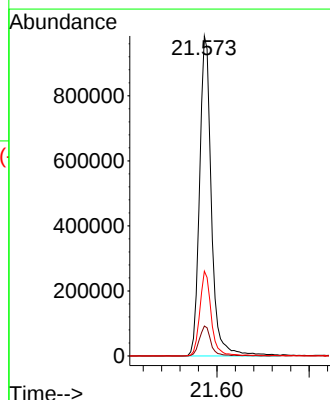
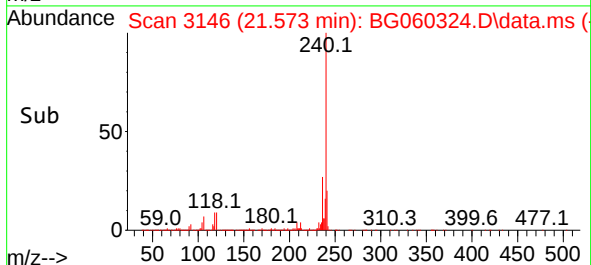
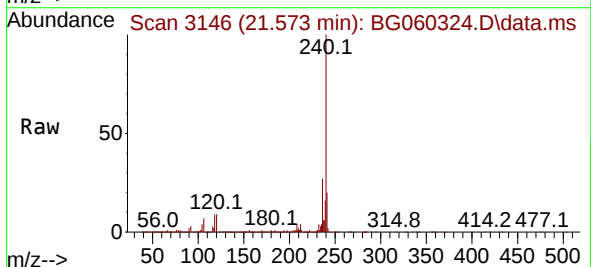
Instrument :
BNA_G
ClientSampleId :
S1-COMPOSITE

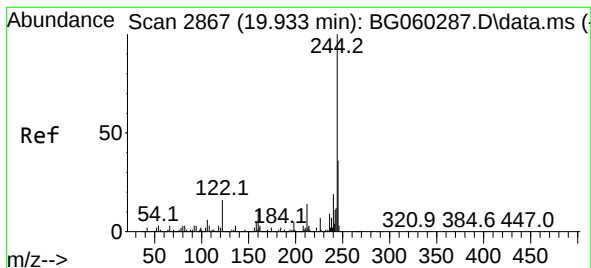
Tgt Ion:188 Resp: 1785624
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 10.1 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3146
Delta R.T. -0.006 min
Lab File: BG060324.D
Acq: 12 Jan 2024 20:31

Tgt Ion:240 Resp: 1755995
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 26.5 20.3 30.5





#79

Terphenyl-d14

Concen: 88.289 ng

RT: 19.933 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060324.D

Acq: 12 Jan 2024 20:31

Instrument :

BNA_G

ClientSampleId :

S1-COMPOSITE

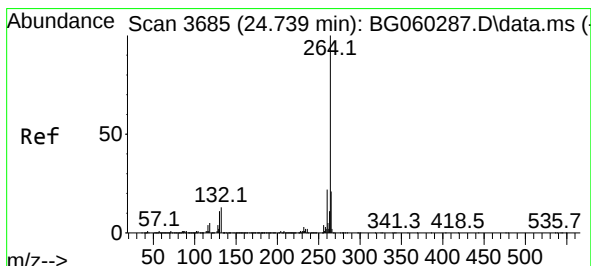
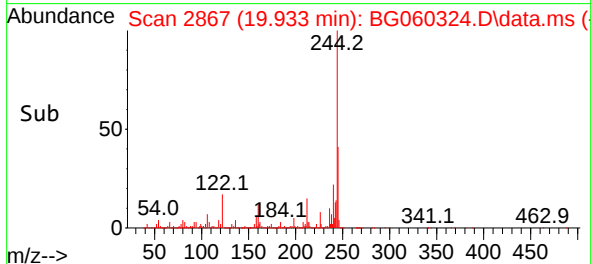
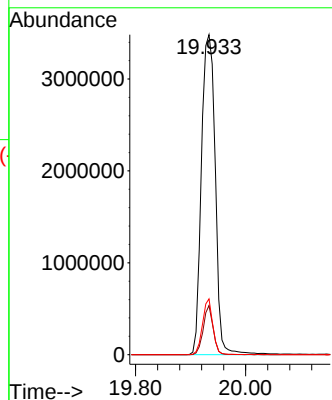
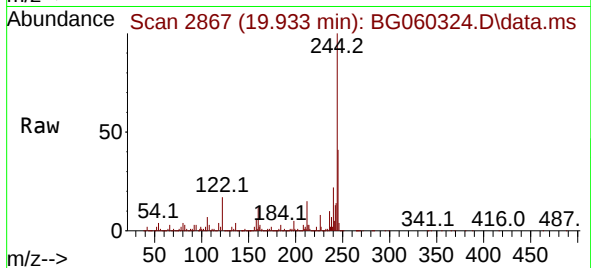
Tgt Ion:244 Resp: 6059162

Ion Ratio Lower Upper

244 100

212 15.4 10.9 16.3

122 17.4 12.6 18.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.739 min Scan# 3685

Delta R.T. 0.000 min

Lab File: BG060324.D

Acq: 12 Jan 2024 20:31

Tgt Ion:264 Resp: 1873403

Ion Ratio Lower Upper

264 100

260 22.4 17.8 26.6

265 20.7 16.8 25.2

