

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012224\
 Data File : BG060382.D
 Acq On : 22 Jan 2024 12:55
 Operator : MA/JU
 Sample : PB158504TB
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB158504TB

Quant Time: Jan 22 13:27:08 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	7.926	152	183747	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	730329	20.000	ng	0.00
39) Acenaphthene-d10	14.565	164	578574	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1630778	20.000	ng	0.00
76) Chrysene-d12	21.575	240	1505646	20.000	ng	0.00
86) Perylene-d12	24.742	264	1643762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.505	112	1505200	134.736	ng	0.00
7) Phenol-d6	7.092	99	2294448	138.701	ng	0.00
23) Nitrobenzene-d5	9.089	82	1376097	88.973	ng	0.00
42) 2,4,6-Tribromophenol	16.058	330	1212743	142.466	ng	0.00
45) 2-Fluorobiphenyl	13.185	172	3462253	83.198	ng	0.00
79) Terphenyl-d14	19.935	244	5581004	99.837	ng	0.00

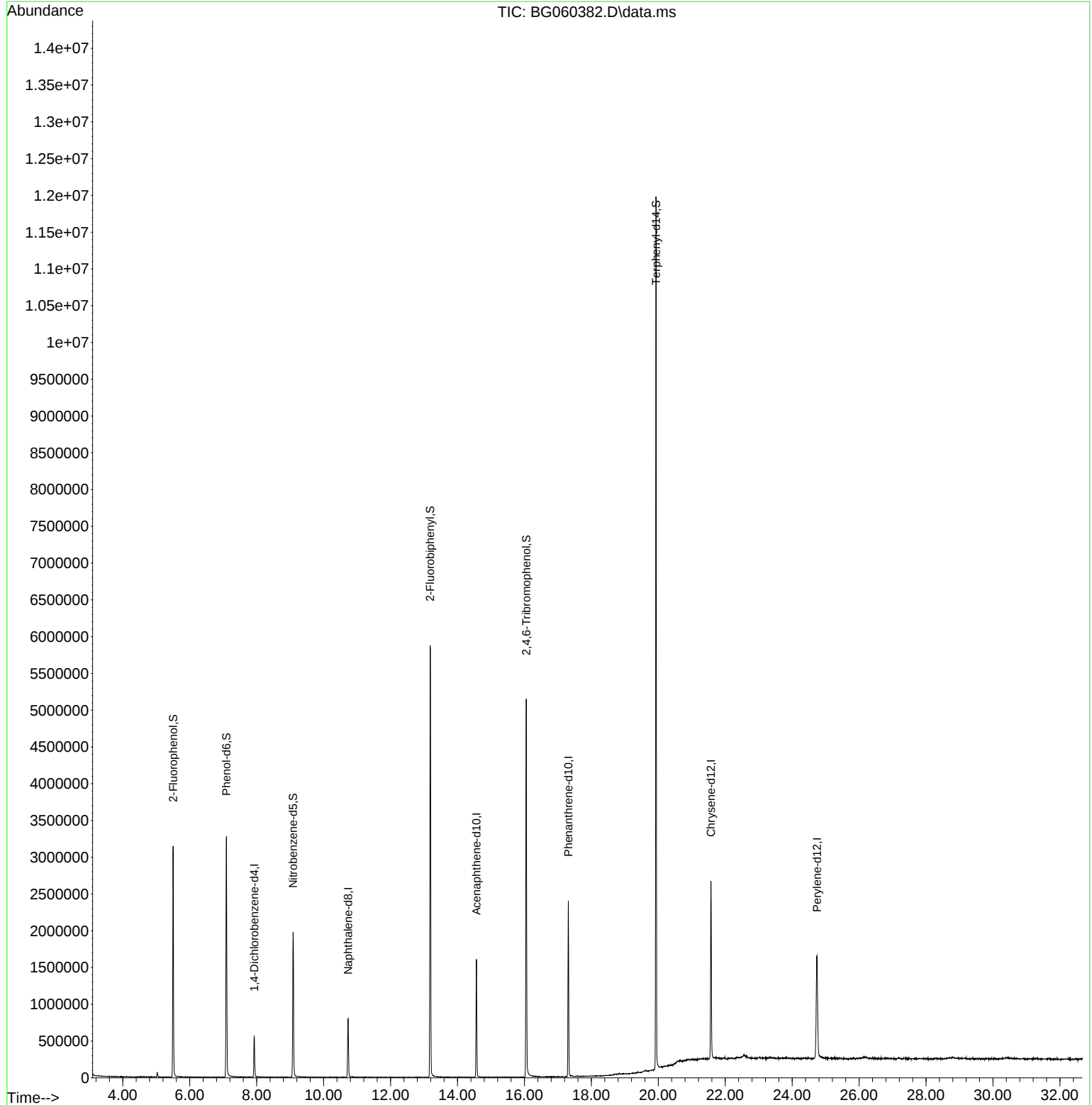
Target Compounds	Qvalue

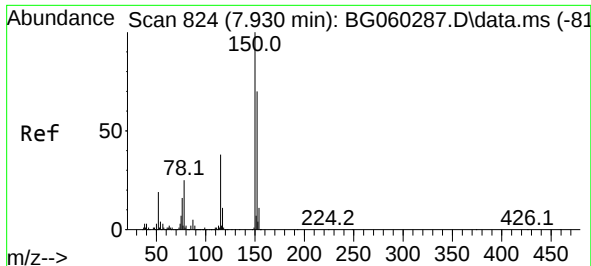
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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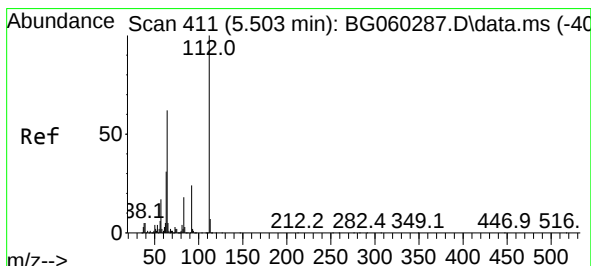
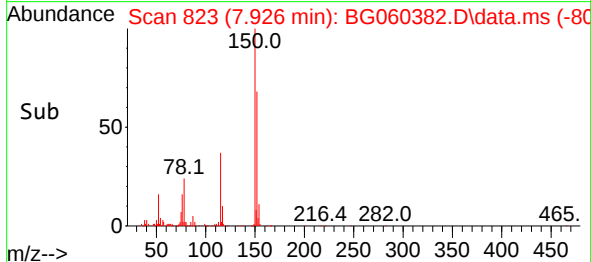
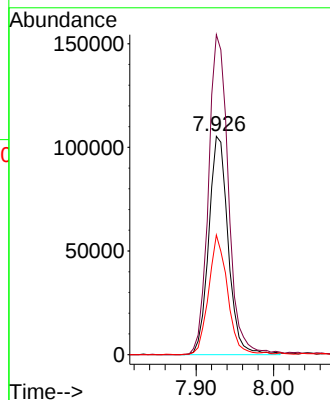
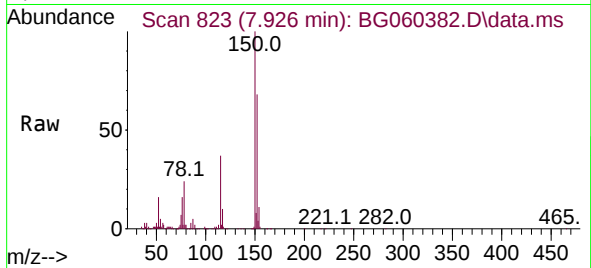




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.926 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

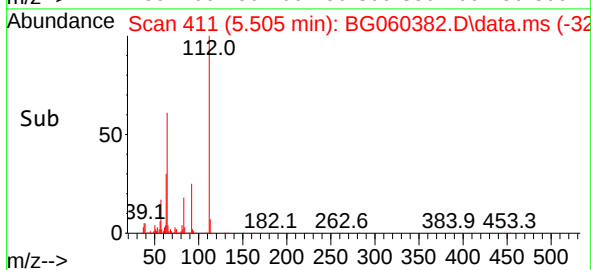
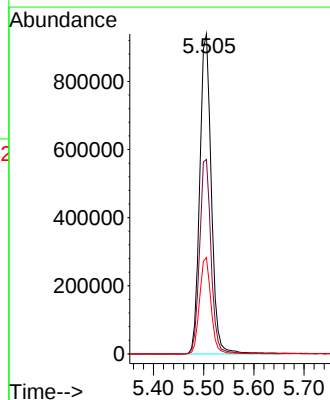
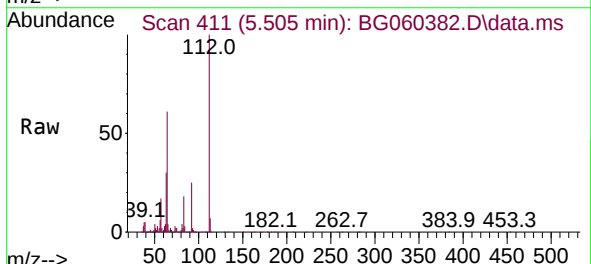
Instrument :
BNA_G
ClientSampleId :
PB158504TB

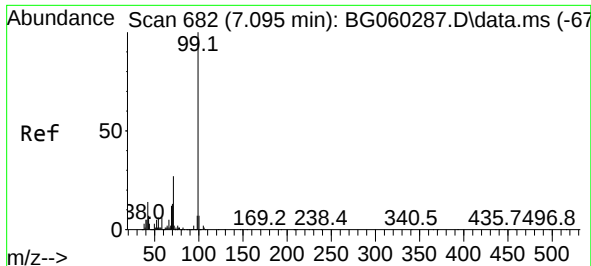
Tgt Ion:152 Resp: 183747
Ion Ratio Lower Upper
152 100
150 146.5 114.5 171.7
115 54.8 43.0 64.6



#5
2-Fluorophenol
Concen: 134.736 ng
RT: 5.505 min Scan# 411
Delta R.T. 0.002 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

Tgt Ion:112 Resp: 1505200
Ion Ratio Lower Upper
112 100
64 60.8 49.8 74.6
63 30.1 24.4 36.6

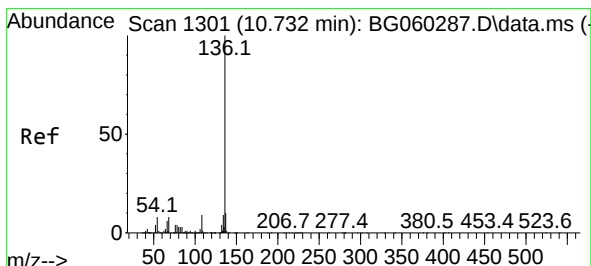
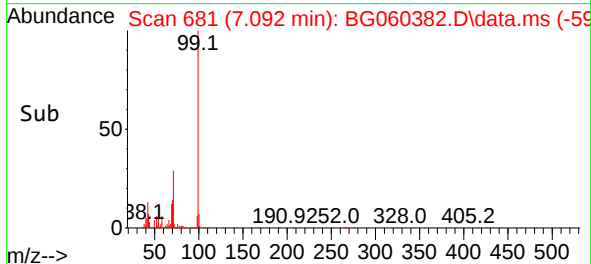
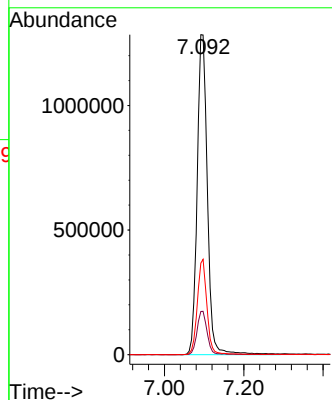
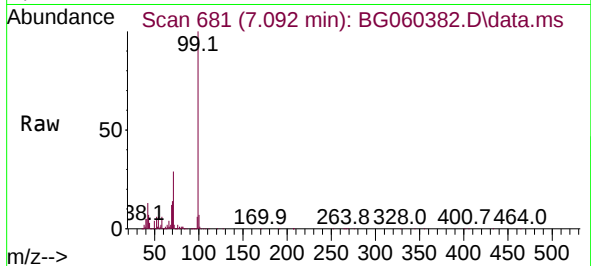




#7
Phenol-d6
Concen: 138.701 ng
RT: 7.092 min Scan# 681
Delta R.T. -0.004 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

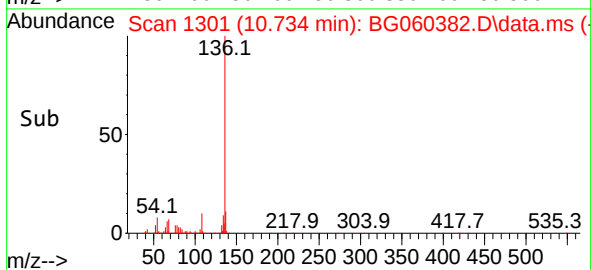
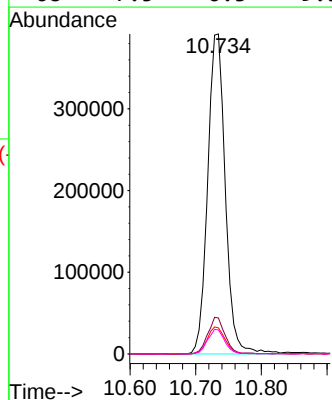
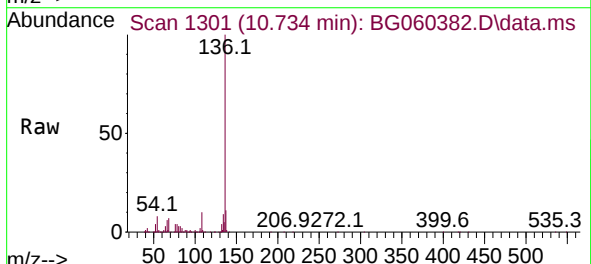
Instrument :
BNA_G
ClientSampleId :
PB158504TB

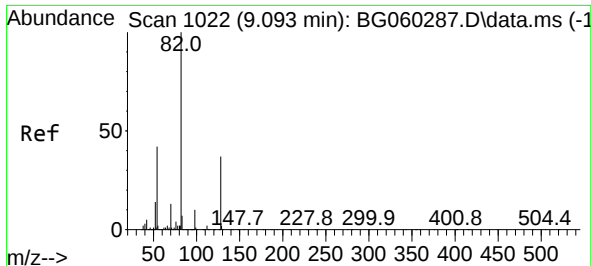
Tgt Ion: 99 Resp: 2294448
Ion Ratio Lower Upper
99 100
42 13.5 10.9 16.3
71 28.6 21.5 32.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1301
Delta R.T. 0.002 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

Tgt Ion: 136 Resp: 730329
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.4
54 8.1 6.2 9.2
68 7.5 6.3 9.5





#23

Nitrobenzene-d5

Concen: 88.973 ng

RT: 9.089 min Scan# 1022

Delta R.T. -0.004 min

Lab File: BG060382.D

Acq: 22 Jan 2024 12:55

Instrument :

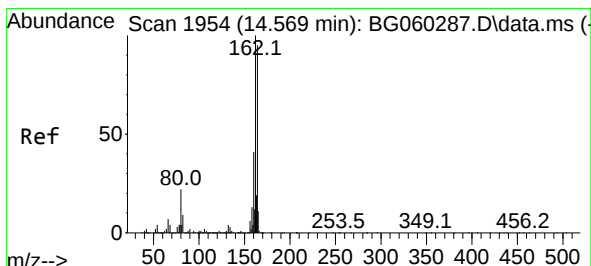
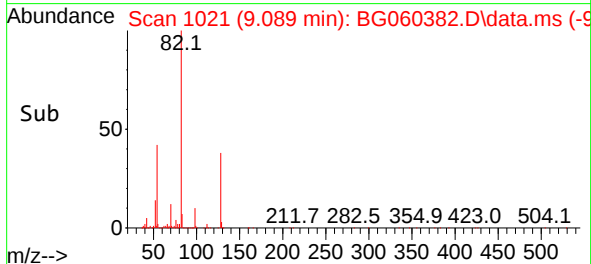
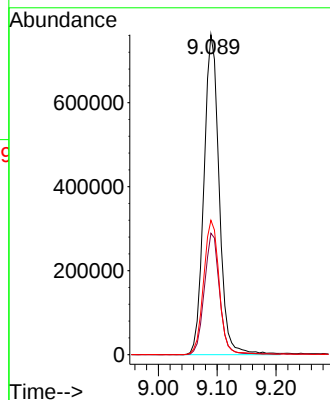
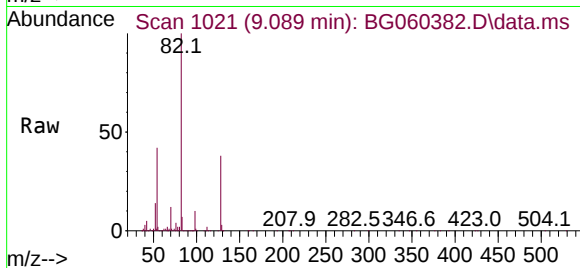
BNA_G

ClientSampleId :

PB158504TB

Tgt Ion: 82 Resp: 1376097

Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.6	44.4
54	42.0	33.6	50.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.565 min Scan# 1953

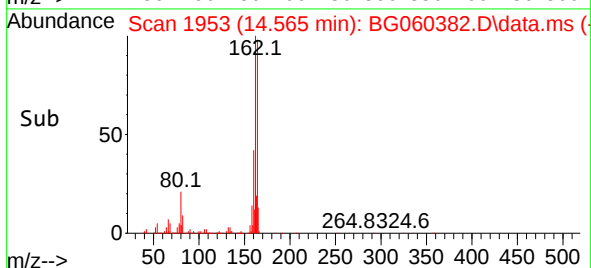
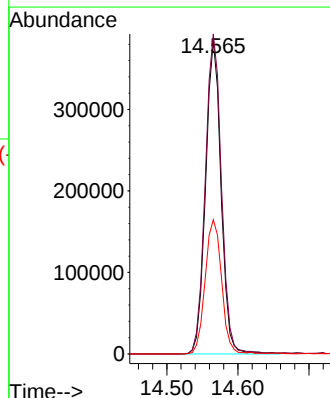
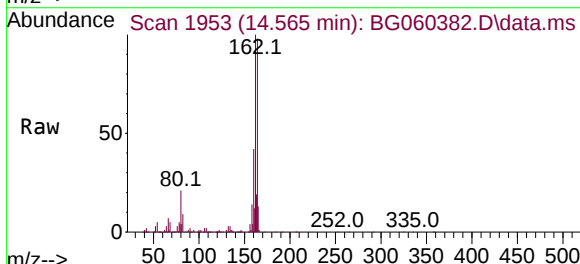
Delta R.T. -0.004 min

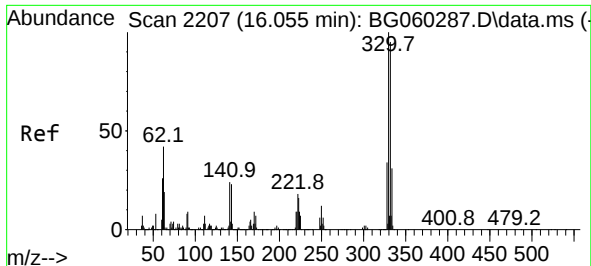
Lab File: BG060382.D

Acq: 22 Jan 2024 12:55

Tgt Ion:164 Resp: 578574

Ion	Ratio	Lower	Upper
164	100		
162	102.2	84.4	126.6
160	42.9	34.6	52.0

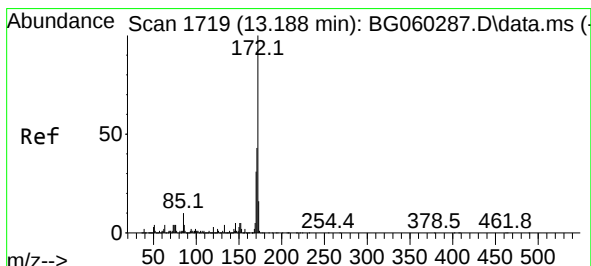
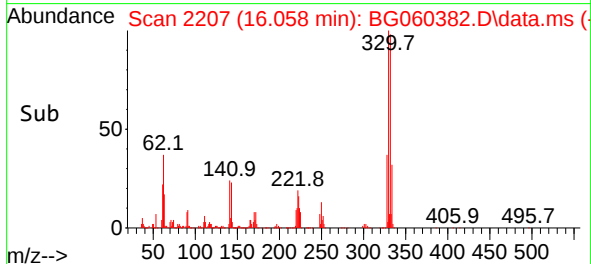
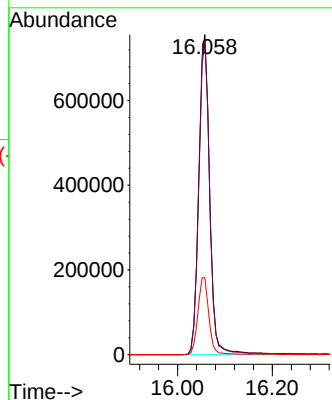
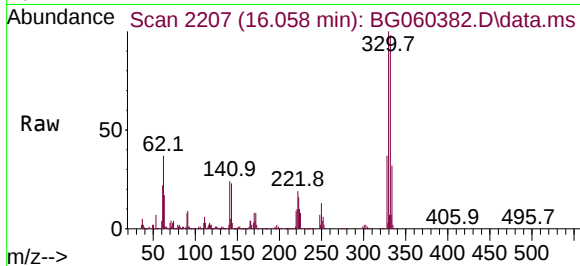




#42
2,4,6-Tribromophenol
Concen: 142.466 ng
RT: 16.058 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

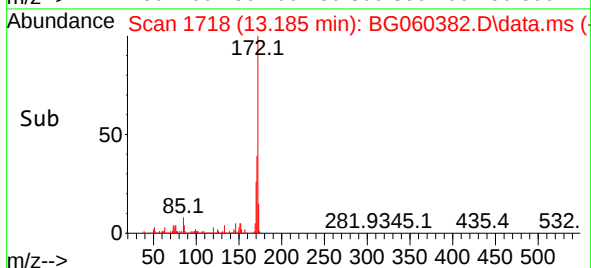
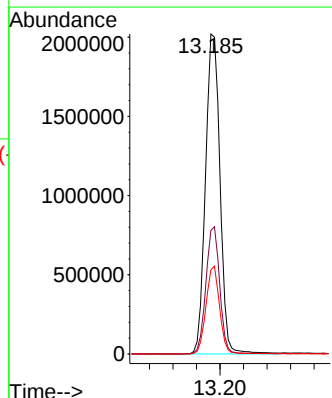
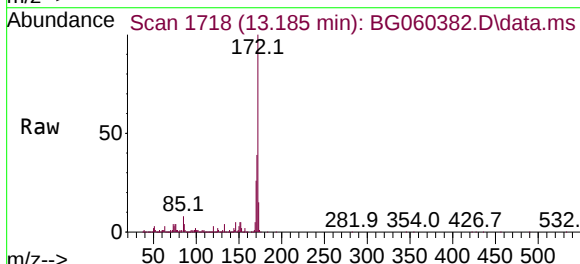
Instrument :
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ClientSampleId :
PB158504TB

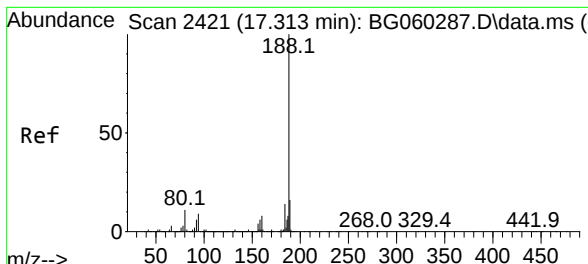
Tgt Ion:330 Resp: 1212743
Ion Ratio Lower Upper
330 100
332 97.5 76.7 115.1
141 24.0 18.6 28.0



#45
2-Fluorobiphenyl
Concen: 83.198 ng
RT: 13.185 min Scan# 1718
Delta R.T. -0.004 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

Tgt Ion:172 Resp: 3462253
Ion Ratio Lower Upper
172 100
171 38.6 34.6 51.8
170 26.3 24.4 36.6

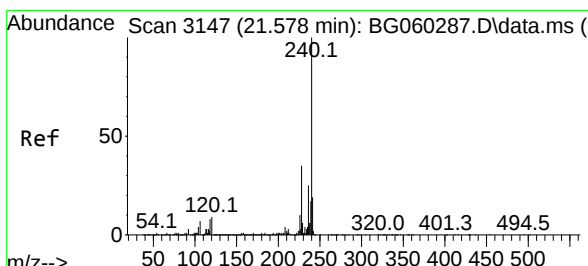
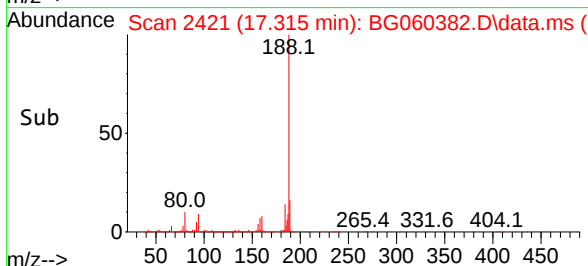
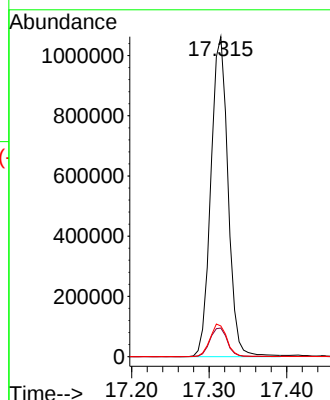
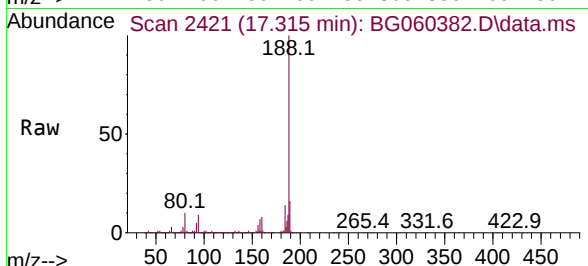




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.315 min Scan# 24
Delta R.T. 0.002 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

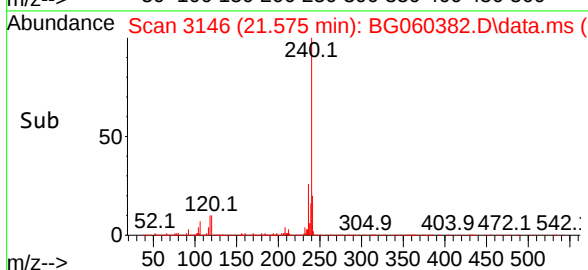
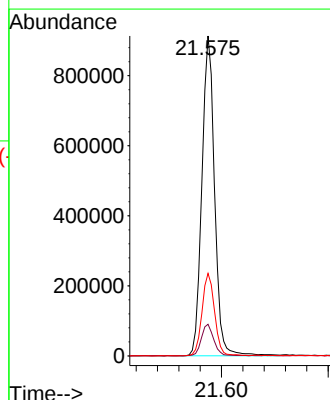
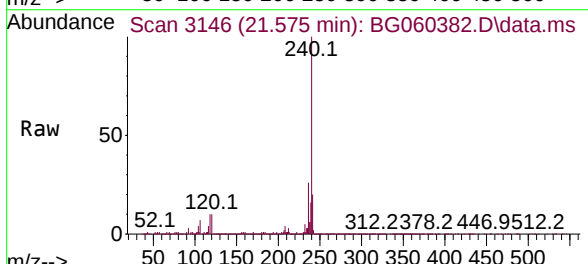
Instrument :
BNA_G
ClientSampleId :
PB158504TB

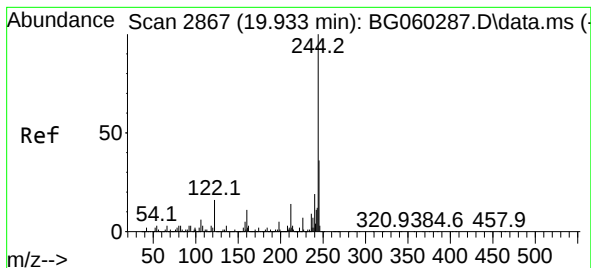
Tgt Ion:188 Resp: 1630778
Ion Ratio Lower Upper
188 100
94 8.9 7.1 10.7
80 9.6 8.5 12.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.575 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BG060382.D
Acq: 22 Jan 2024 12:55

Tgt Ion:240 Resp: 1505646
Ion Ratio Lower Upper
240 100
120 9.9 7.3 10.9
236 25.8 20.3 30.5





#79

Terphenyl-d14

Concen: 99.837 ng

RT: 19.935 min Scan# 2867

Delta R.T. 0.002 min

Lab File: BG060382.D

Acq: 22 Jan 2024 12:55

Instrument :

BNA_G

ClientSampleId :

PB158504TB

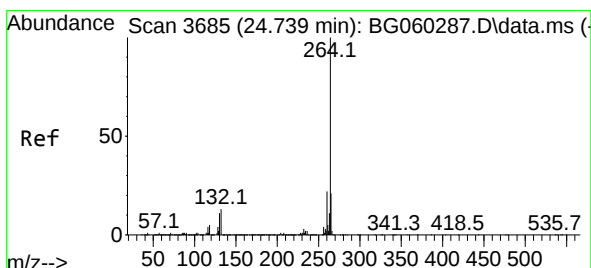
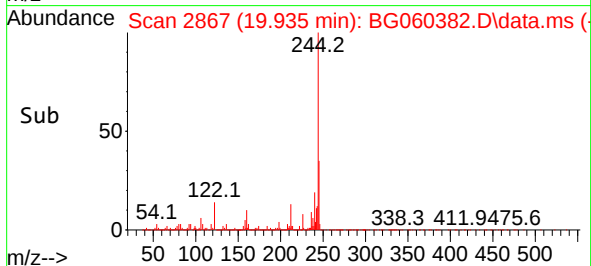
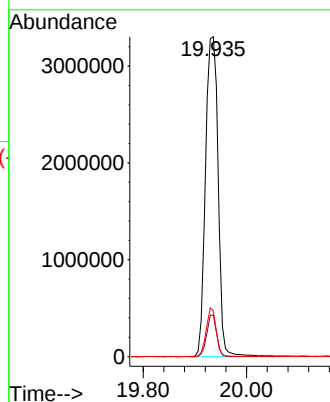
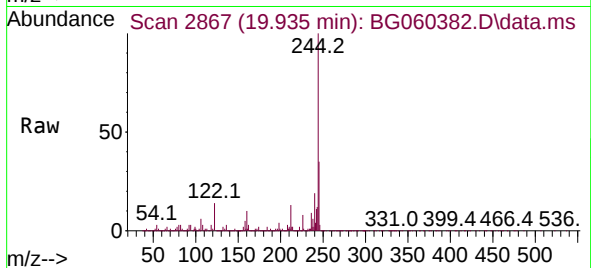
Tgt Ion:244 Resp: 5581004

Ion Ratio Lower Upper

244 100

212 13.0 10.9 16.3

122 14.3 12.6 18.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.742 min Scan# 3685

Delta R.T. 0.002 min

Lab File: BG060382.D

Acq: 22 Jan 2024 12:55

Tgt Ion:264 Resp: 1643762

Ion Ratio Lower Upper

264 100

260 23.3 17.8 26.6

265 21.5 16.8 25.2

