

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121823\
 Data File : BG060066.D
 Acq On : 18 Dec 2023 14:50
 Operator : MA/JU
 Sample : 05827-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-DUP01-121223

Quant Time: Dec 18 15:33:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 14 01:47:12 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	64036	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	258662	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	231089	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	655333	20.000	ng	# 0.00
76) Chrysene-d12	21.613	240	662999	20.000	ng	# 0.00
86) Perylene-d12	24.809	264	739184	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	454628	121.534	ng	0.00
7) Phenol-d6	7.112	99	692535	131.612	ng	0.00
23) Nitrobenzene-d5	9.116	82	469911	82.493	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	760730	141.257	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1665805	88.225	ng	0.00
79) Terphenyl-d14	19.968	244	3590653	98.876	ng	0.00

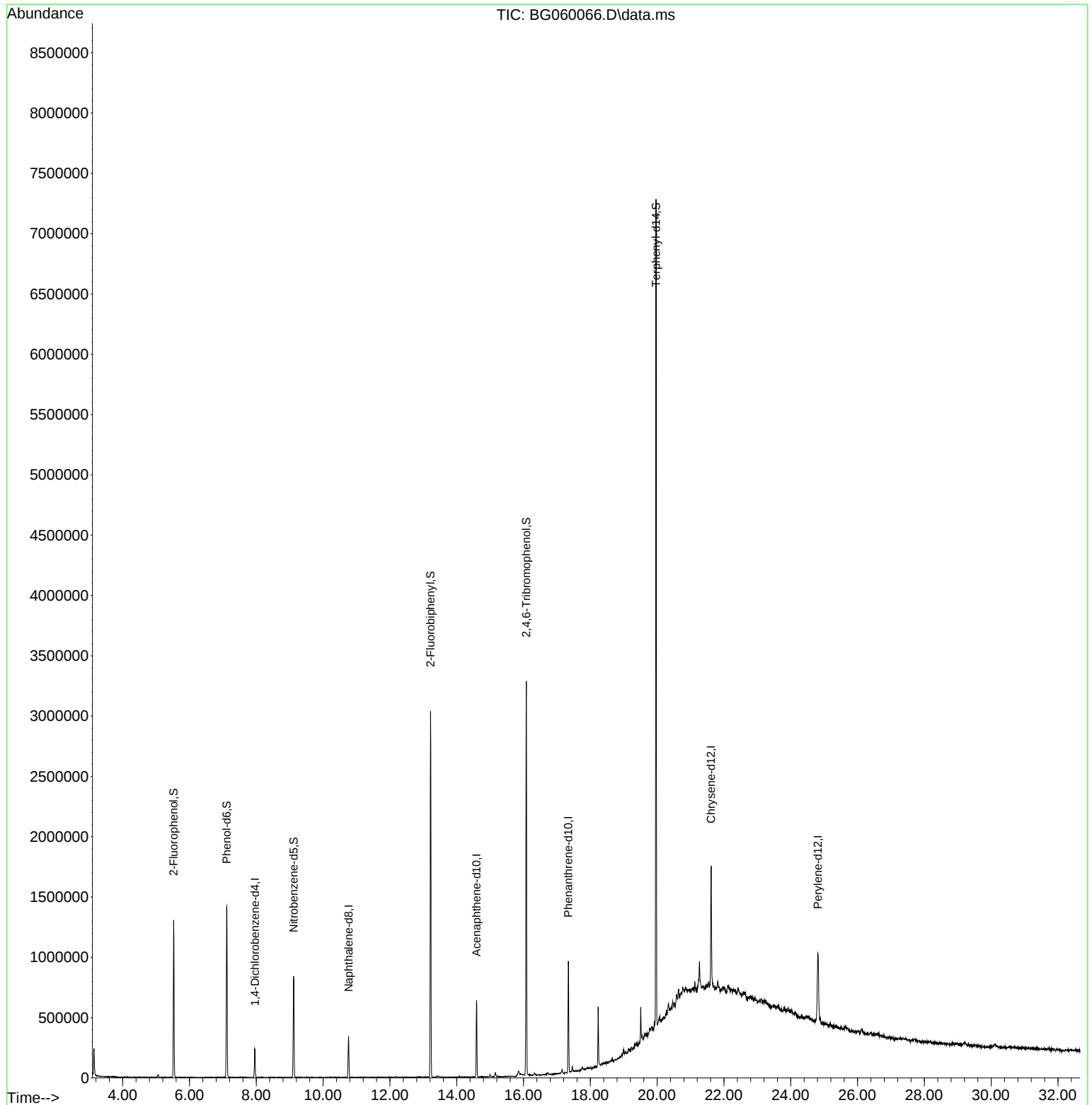
Target Compounds	Qvalue

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

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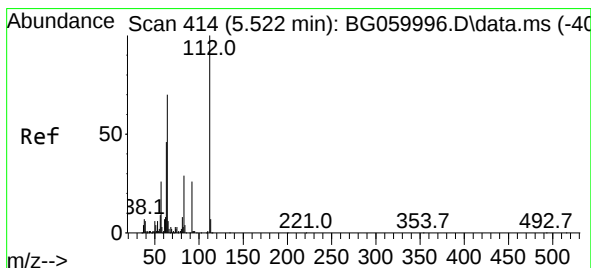
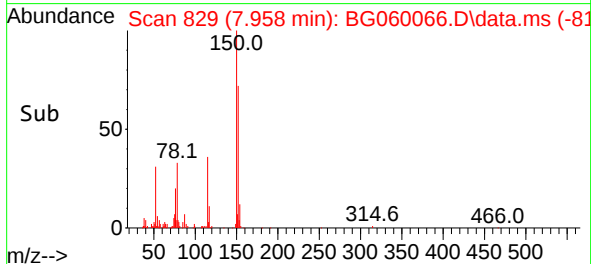
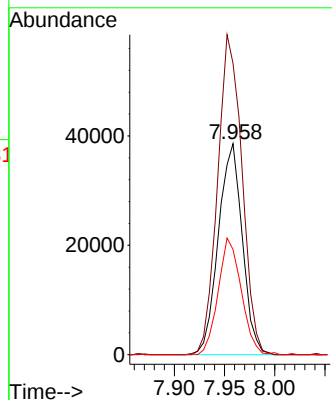
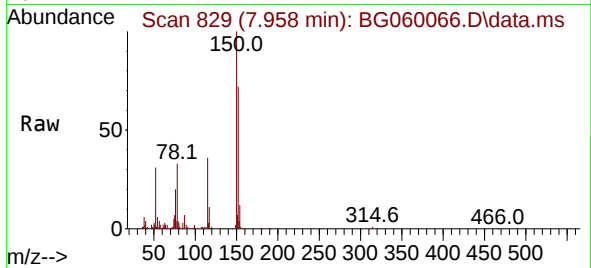




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.958 min Scan# 81
Delta R.T. 0.003 min
Lab File: BG060066.D
Acq: 18 Dec 2023 14:50

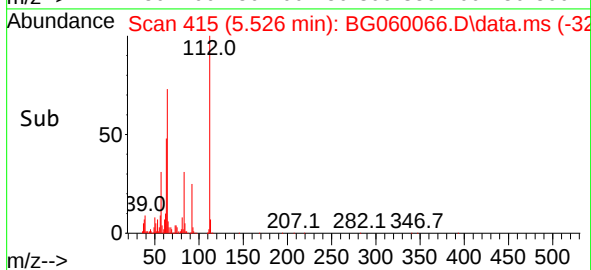
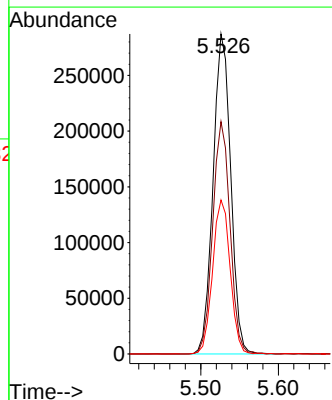
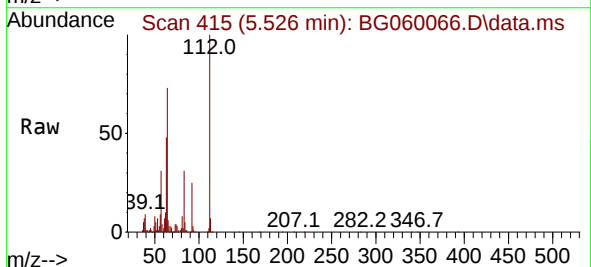
Instrument :
BNA_G
ClientSampleId :
RT-DUP01-121223

Tgt Ion:152 Resp: 64036
Ion Ratio Lower Upper
152 100
150 138.1 127.0 190.6
115 49.9 45.7 68.5



#5
2-Fluorophenol
Concen: 121.534 ng
RT: 5.526 min Scan# 415
Delta R.T. 0.004 min
Lab File: BG060066.D
Acq: 18 Dec 2023 14:50

Tgt Ion:112 Resp: 454628
Ion Ratio Lower Upper
112 100
64 72.6 55.9 83.9
63 48.1 36.5 54.7

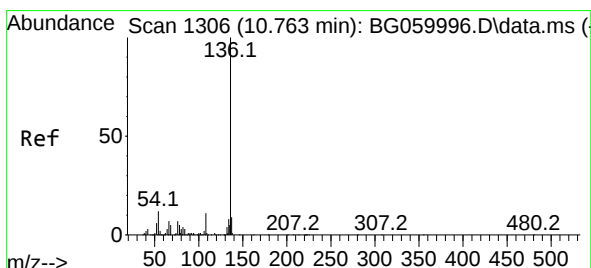
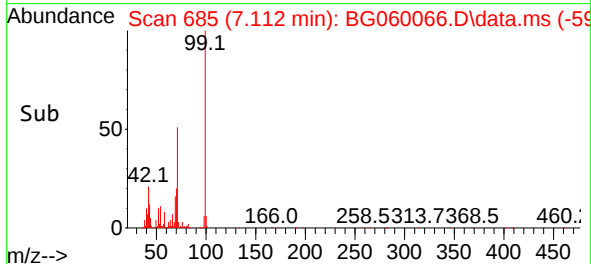
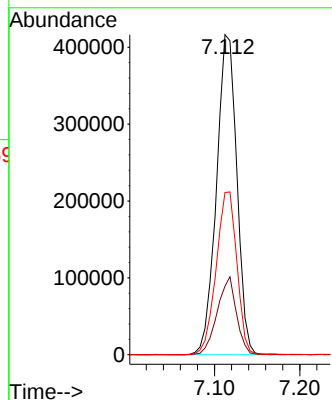
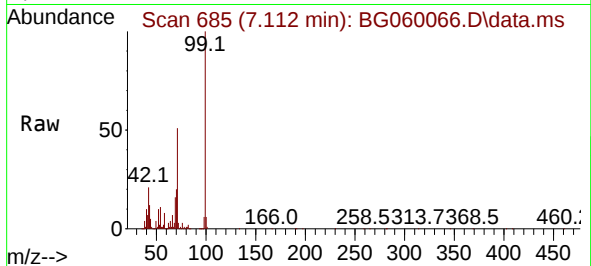




#7
Phenol-d6
Concen: 131.612 ng
RT: 7.112 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG060066.D
Acq: 18 Dec 2023 14:50

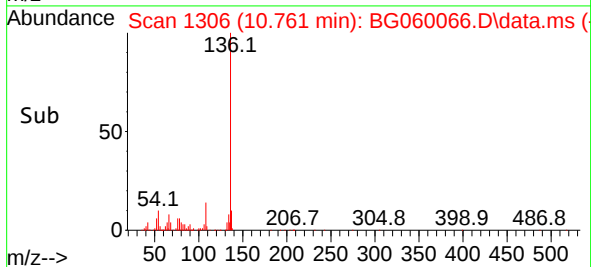
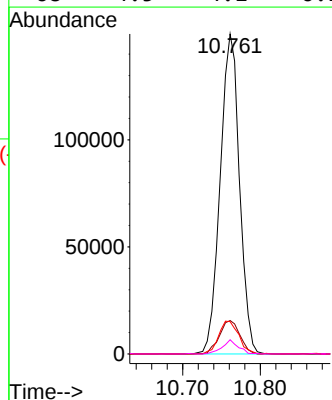
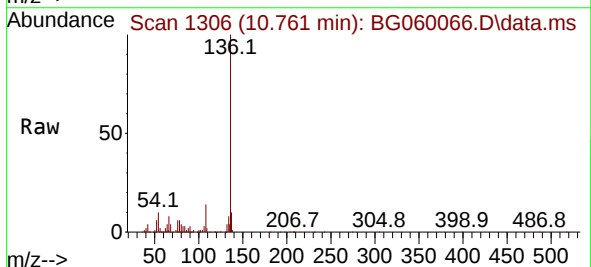
Instrument :
BNA_G
ClientSampleId :
RT-DUP01-121223

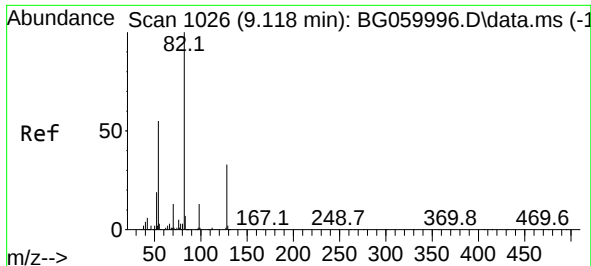
Tgt Ion: 99 Resp: 692535
Ion Ratio Lower Upper
99 100
42 21.4 16.2 24.4
71 50.7 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG060066.D
Acq: 18 Dec 2023 14:50

Tgt Ion: 136 Resp: 258662
Ion Ratio Lower Upper
136 100
137 10.5 7.3 10.9
54 10.1 9.6 14.4
68 4.5 4.1 6.1

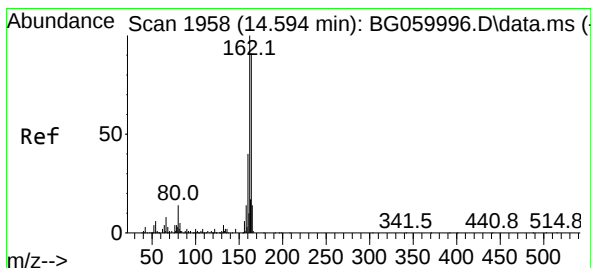
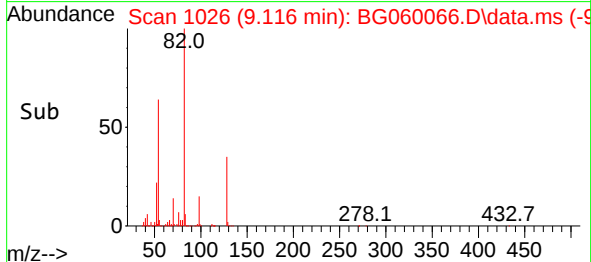
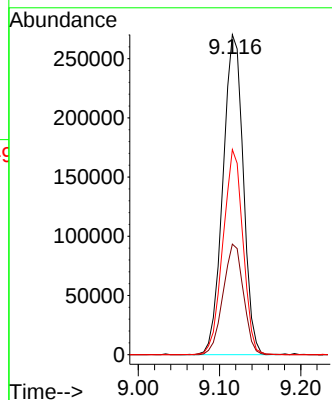
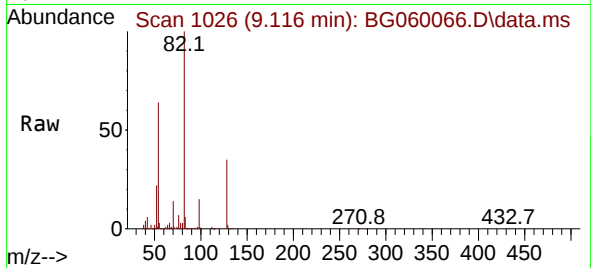




#23
Nitrobenzene-d5
Concen: 82.493 ng
RT: 9.116 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG060066.D
Acq: 18 Dec 2023 14:50

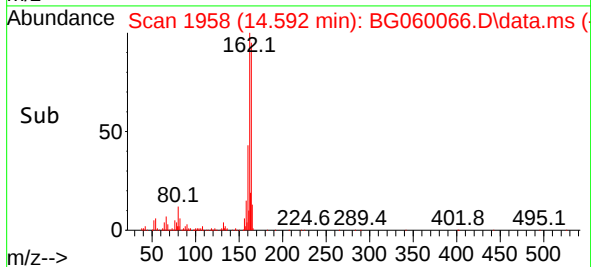
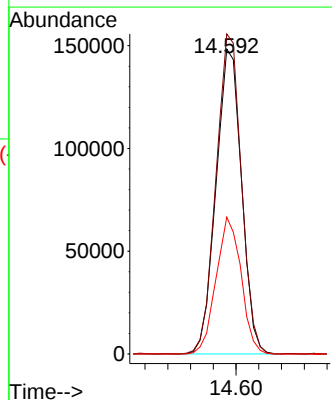
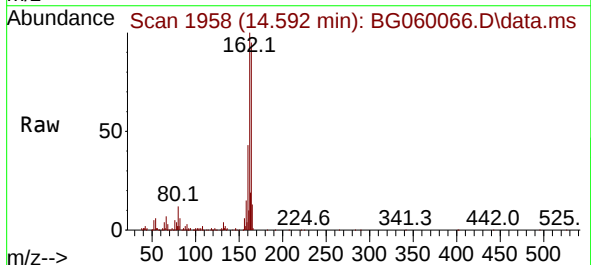
Instrument :
BNA_G
ClientSampleId :
RT-DUP01-121223

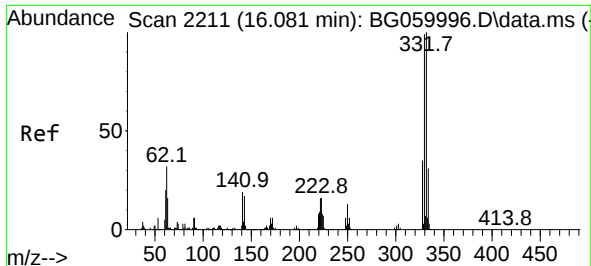
Tgt Ion: 82 Resp: 469911
Ion Ratio Lower Upper
82 100
128 34.5 26.3 39.5
54 64.1 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG060066.D
Acq: 18 Dec 2023 14:50

Tgt Ion: 164 Resp: 231089
Ion Ratio Lower Upper
164 100
162 104.9 88.1 132.1
160 44.9 35.4 53.0

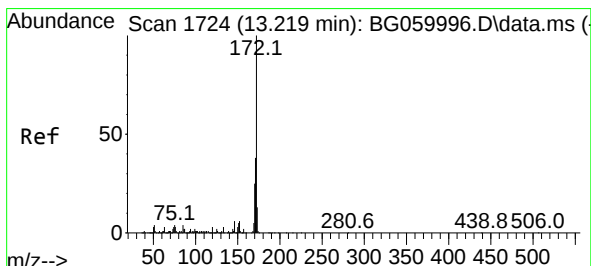
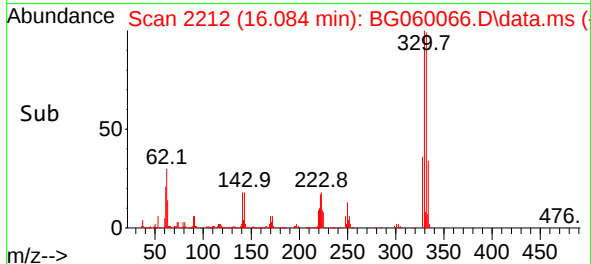
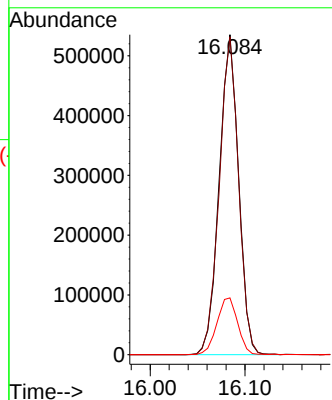
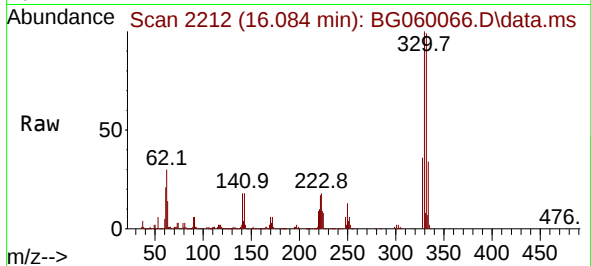




#42
2,4,6-Tribromophenol
Concen: 141.257 ng
RT: 16.084 min Scan# 21
Delta R.T. 0.004 min
Lab File: BG060066.D
Acq: 18 Dec 2023 14:50

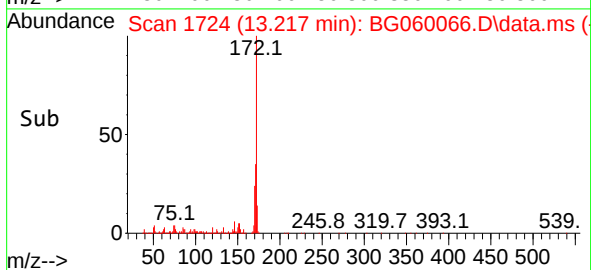
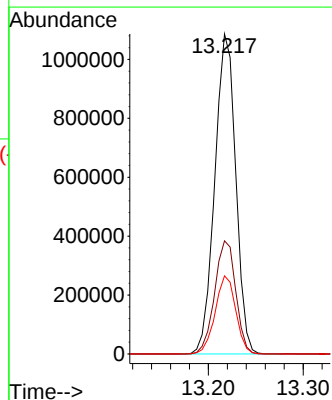
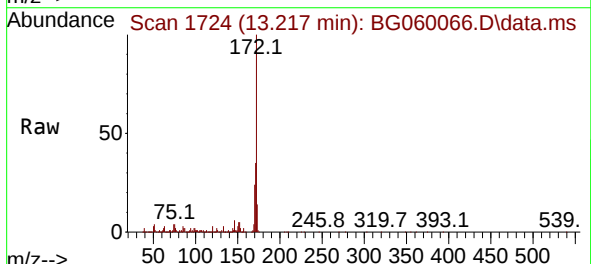
Instrument :
BNA_G
ClientSampleId :
RT-DUP01-121223

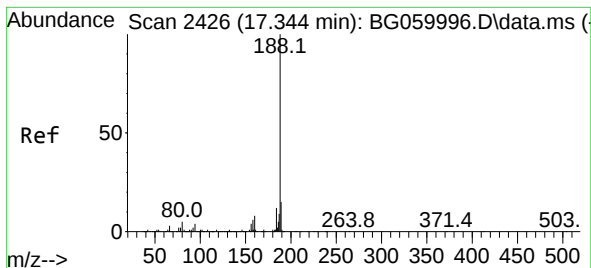
Tgt Ion:330 Resp: 760730
Ion Ratio Lower Upper
330 100
332 99.0 76.2 114.4
141 19.1 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 88.225 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG060066.D
Acq: 18 Dec 2023 14:50

Tgt Ion:172 Resp: 1665805
Ion Ratio Lower Upper
172 100
171 35.3 30.1 45.1
170 24.4 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.342 min Scan# 2426

Delta R.T. -0.002 min

Lab File: BG060066.D

Acq: 18 Dec 2023 14:50

Instrument :

BNA_G

ClientSampleId :

RT-DUP01-121223

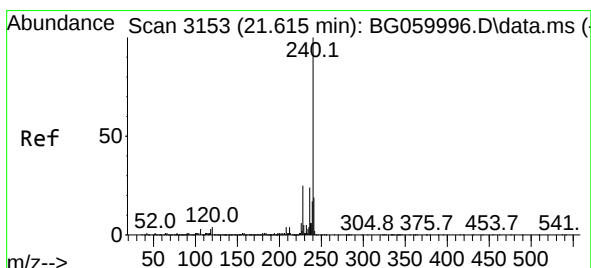
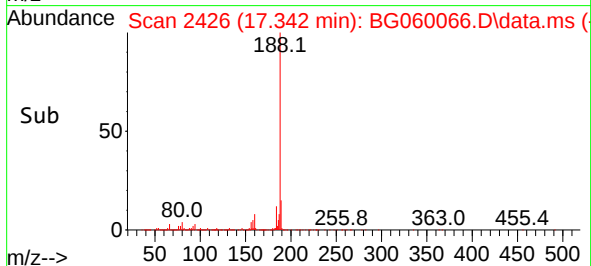
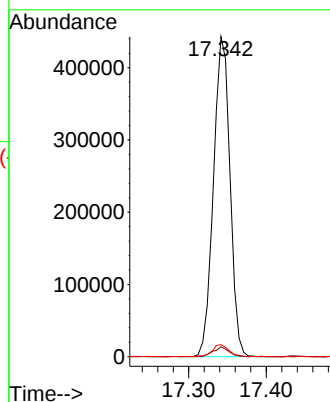
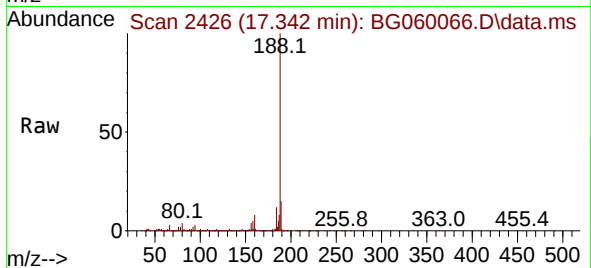
Tgt Ion:188 Resp: 655333

Ion Ratio Lower Upper

188 100

94 3.1 3.0 4.6

80 3.8 4.0 6.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.613 min Scan# 3153

Delta R.T. -0.002 min

Lab File: BG060066.D

Acq: 18 Dec 2023 14:50

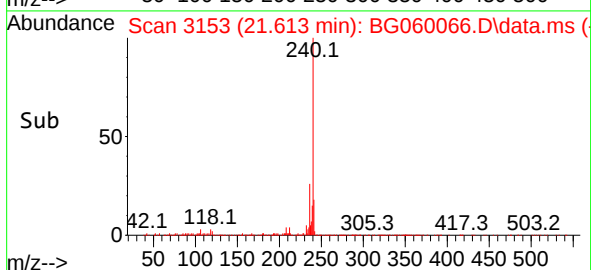
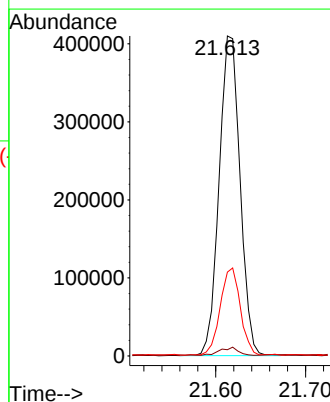
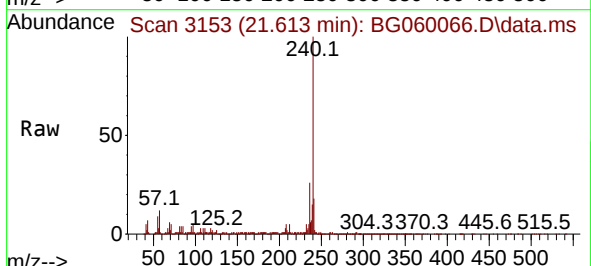
Tgt Ion:240 Resp: 662999

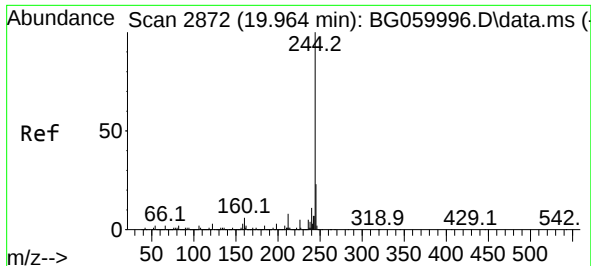
Ion Ratio Lower Upper

240 100

120 2.0 2.9 4.3#

236 26.2 19.4 29.2





#79

Terphenyl-d14

Concen: 98.876 ng

RT: 19.968 min Scan# 21

Delta R.T. 0.004 min

Lab File: BG060066.D

Acq: 18 Dec 2023 14:50

Instrument :

BNA_G

ClientSampleId :

RT-DUP01-121223

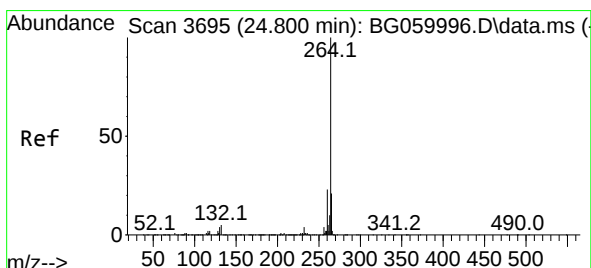
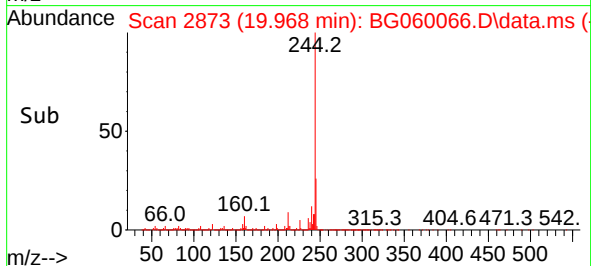
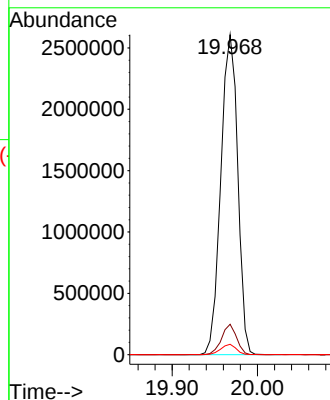
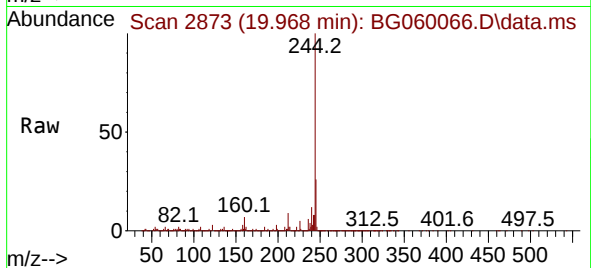
Tgt Ion:244 Resp: 3590653

Ion Ratio Lower Upper

244 100

212 9.5 6.8 10.2

122 3.3 2.6 3.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.809 min Scan# 3697

Delta R.T. 0.009 min

Lab File: BG060066.D

Acq: 18 Dec 2023 14:50

Tgt Ion:264 Resp: 739184

Ion Ratio Lower Upper

264 100

260 22.1 18.5 27.7

265 22.8 17.3 25.9

