

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122223\
 Data File : BG060148.D
 Acq On : 22 Dec 2023 22:15
 Operator : MA/JU
 Sample : PB157841TB
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157841TB

Quant Time: Dec 25 00:40:57 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 03:42:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	190248	20.000	ng	0.00
21) Naphthalene-d8	10.743	136	868676	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	759750	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	2030724	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1443288	20.000	ng	0.00
86) Perylene-d12	24.756	264	1578045	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	1859046	153.974	ng	0.00
7) Phenol-d6	7.106	99	2725146	134.114	ng	0.00
23) Nitrobenzene-d5	9.104	82	1578293	89.005	ng	0.00
42) 2,4,6-Tribromophenol	16.066	330	1392959	136.171	ng	0.00
45) 2-Fluorobiphenyl	13.199	172	4164744	82.311	ng	0.00
79) Terphenyl-d14	19.944	244	5714247	71.643	ng	0.00

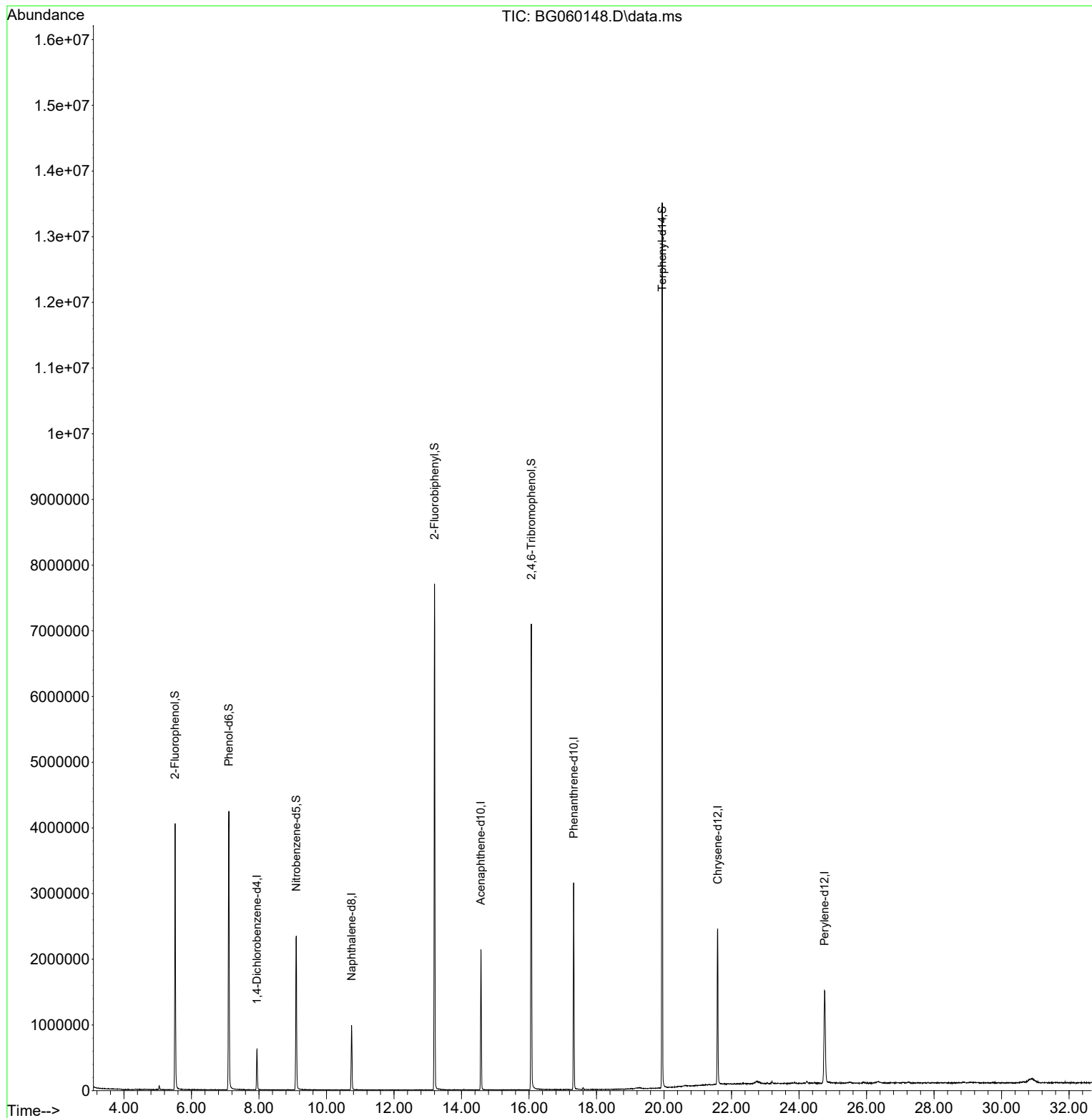
Target Compounds	Qvalue

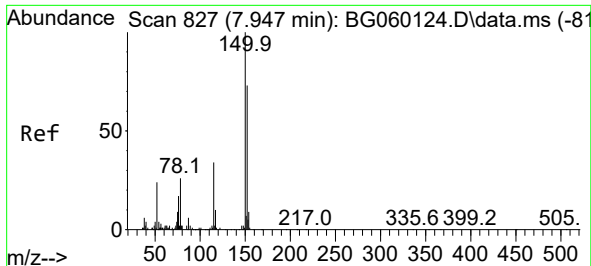
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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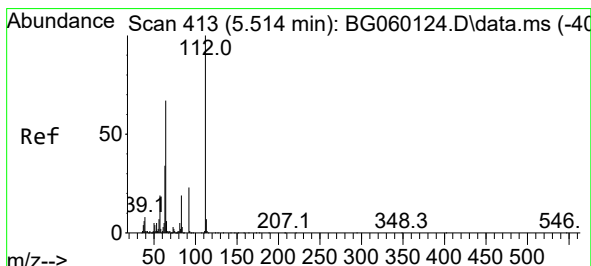
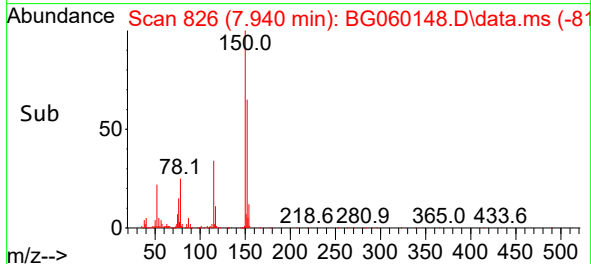
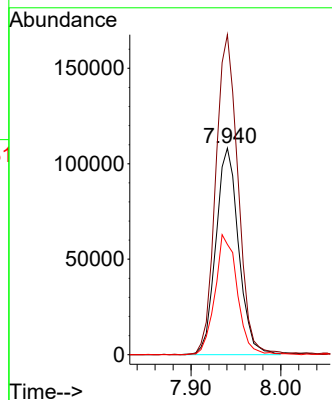
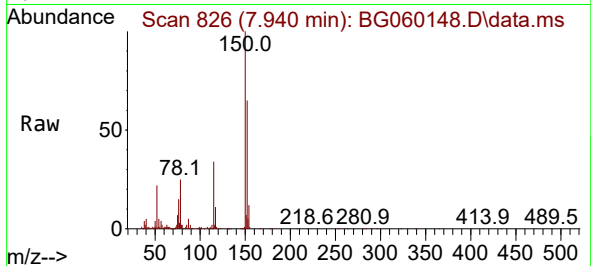




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.940 min Scan# 81
Delta R.T. -0.007 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

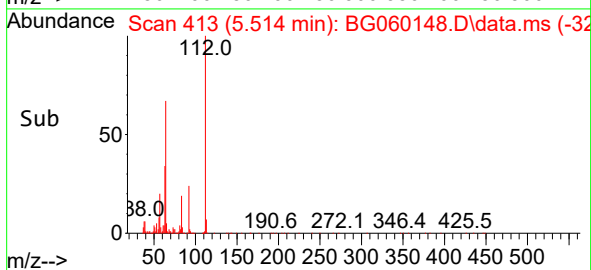
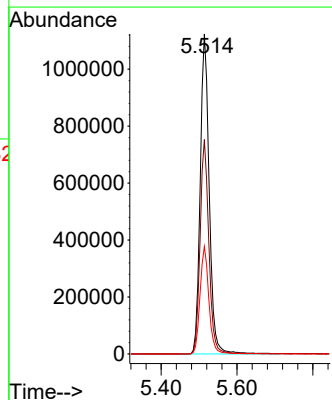
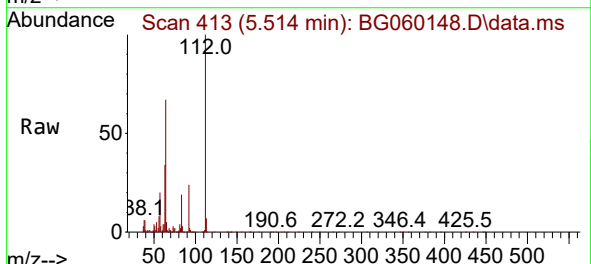
Instrument :
BNA_G
ClientSampleId :
PB157841TB

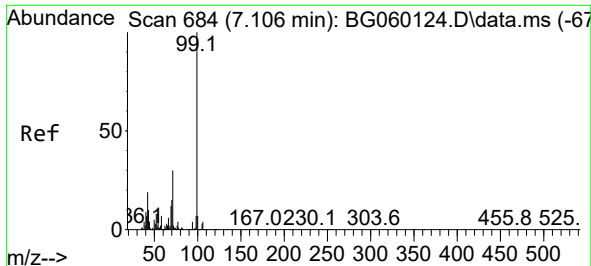
Tgt Ion:152 Resp: 190248
Ion Ratio Lower Upper
152 100
150 154.9 109.4 164.0
115 53.4 36.5 54.7



#5
2-Fluorophenol
Concen: 153.974 ng
RT: 5.514 min Scan# 413
Delta R.T. -0.000 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

Tgt Ion:112 Resp: 1859046
Ion Ratio Lower Upper
112 100
64 67.0 53.3 79.9
63 33.6 27.1 40.7

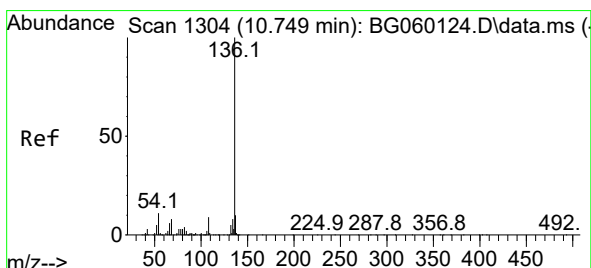
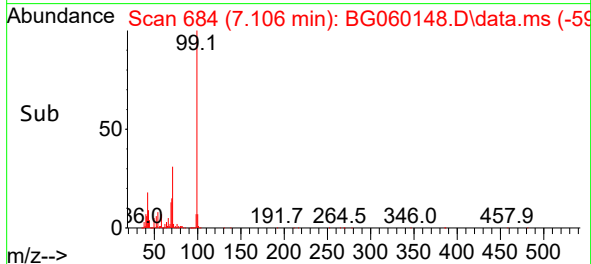
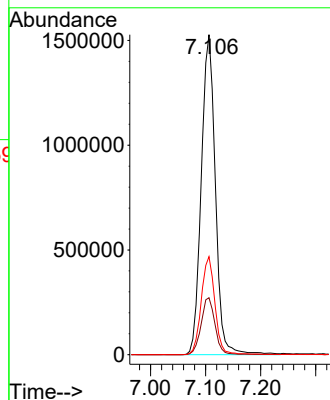
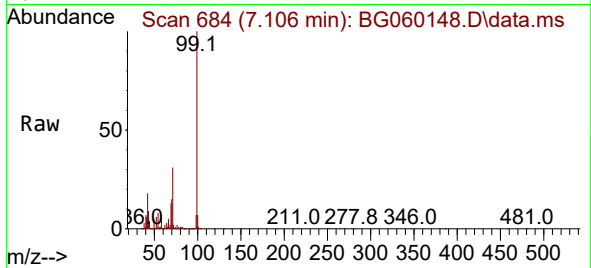




#7
Phenol-d6
Concen: 134.114 ng
RT: 7.106 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

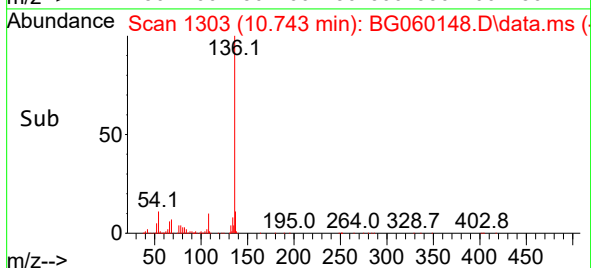
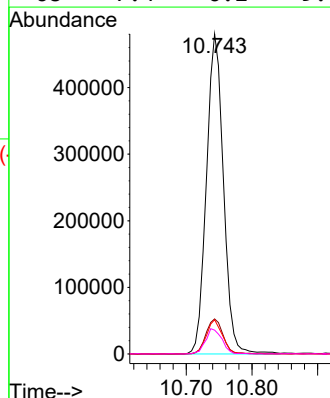
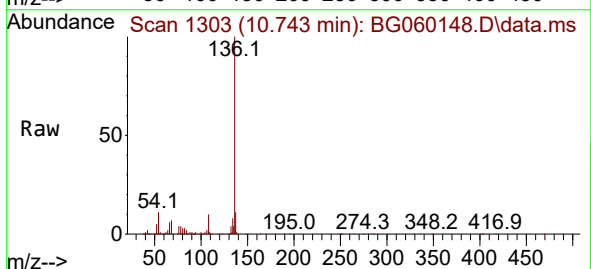
Instrument :
BNA_G
ClientSampleId :
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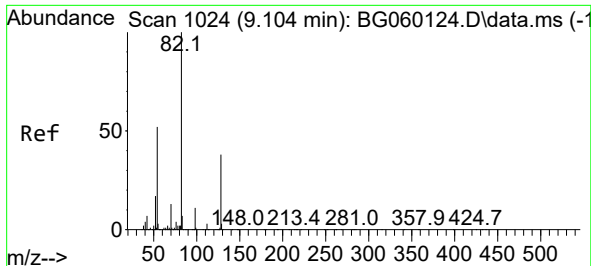
Tgt Ion: 99 Resp: 2725146
Ion Ratio Lower Upper
99 100
42 17.8 15.2 22.8
71 30.7 24.2 36.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.743 min Scan# 1303
Delta R.T. -0.006 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

Tgt Ion:136 Resp: 868676
Ion Ratio Lower Upper
136 100
137 10.9 8.1 12.1
54 10.7 8.7 13.1
68 7.4 6.2 9.4

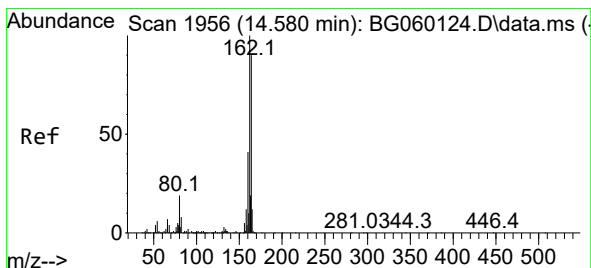
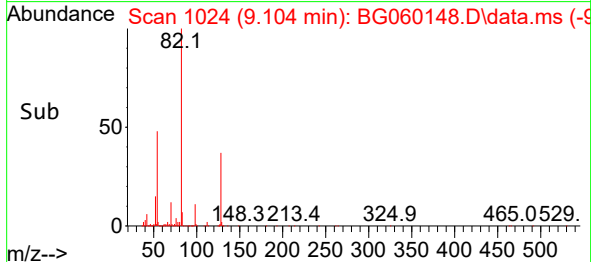
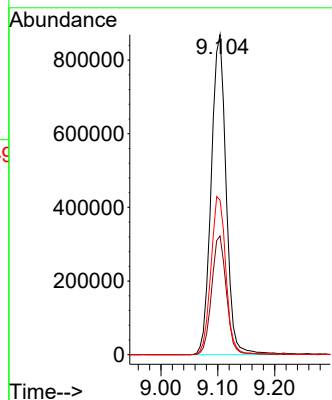
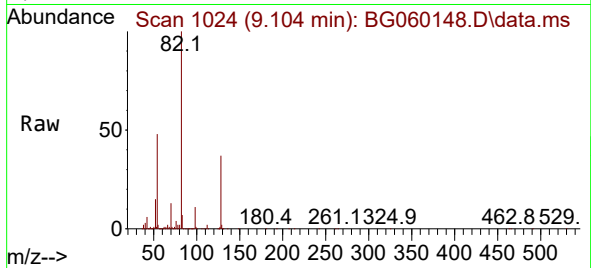




#23
Nitrobenzene-d5
Concen: 89.005 ng
RT: 9.104 min Scan# 1024
Delta R.T. -0.000 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

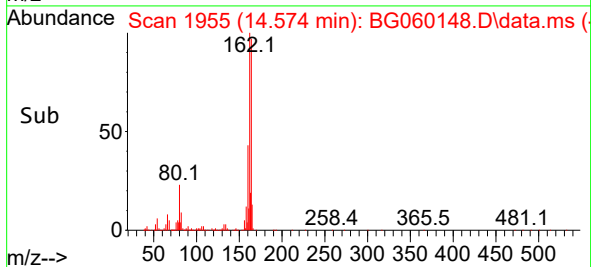
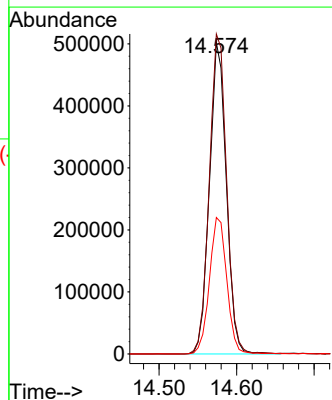
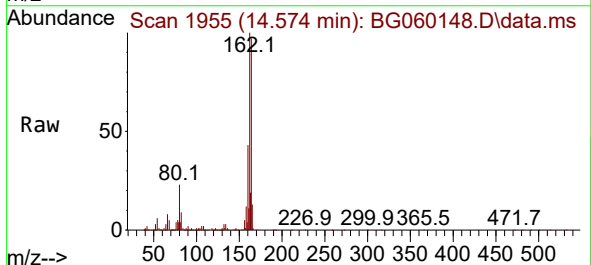
Instrument :
BNA_G
ClientSampleId :
PB157841TB

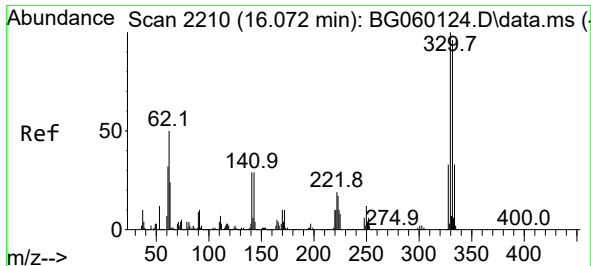
Tgt Ion: 82 Resp: 1578293
Ion Ratio Lower Upper
82 100
128 37.1 30.5 45.7
54 48.3 41.9 62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

Tgt Ion: 164 Resp: 759750
Ion Ratio Lower Upper
164 100
162 102.8 88.5 132.7
160 43.8 36.2 54.2

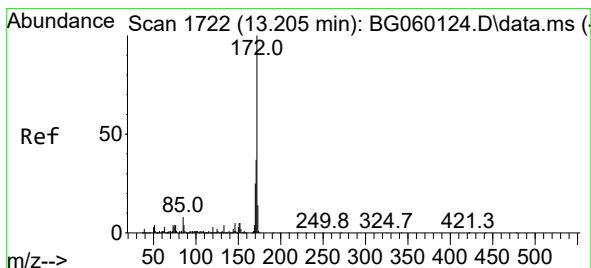
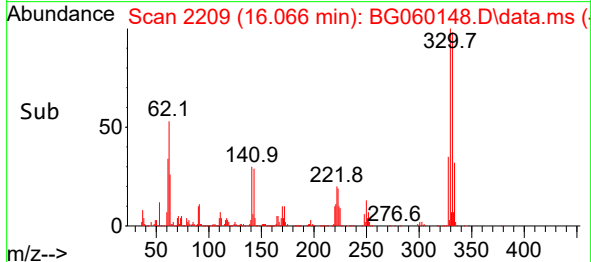
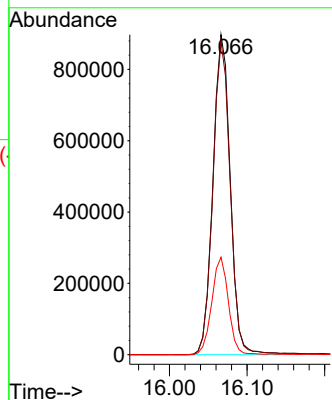
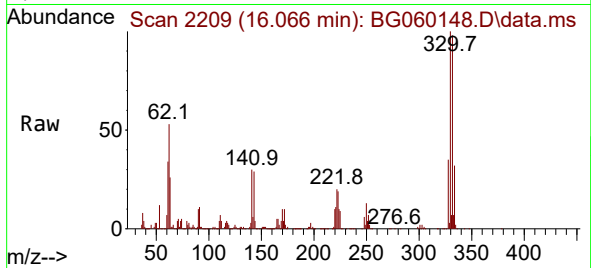




#42
2,4,6-Tribromophenol
Concen: 136.171 ng
RT: 16.066 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

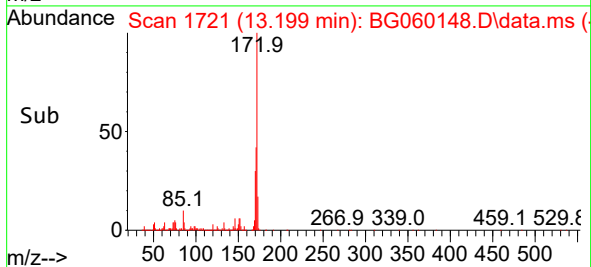
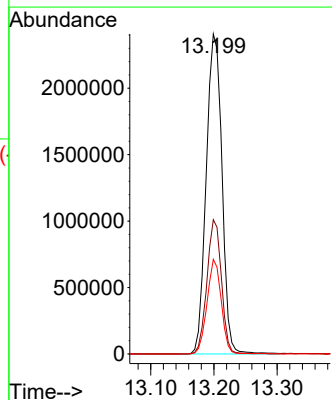
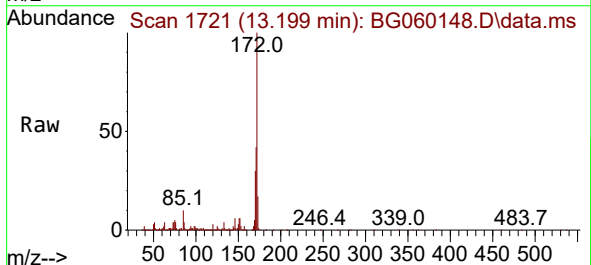
Instrument :
BNA_G
ClientSampleId :
PB157841TB

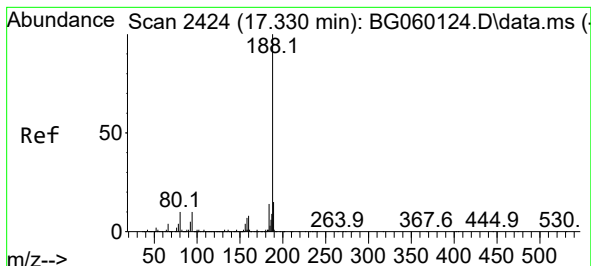
Tgt Ion:330 Resp: 1392959
Ion Ratio Lower Upper
330 100
332 98.1 75.5 113.3
141 29.2 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 82.311 ng
RT: 13.199 min Scan# 1721
Delta R.T. -0.006 min
Lab File: BG060148.D
Acq: 22 Dec 2023 22:15

Tgt Ion:172 Resp: 4164744
Ion Ratio Lower Upper
172 100
171 41.9 29.2 43.8
170 29.5 20.1 30.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.324 min Scan# 24

Delta R.T. -0.006 min

Lab File: BG060148.D

Acq: 22 Dec 2023 22:15

Instrument :

BNA_G

ClientSampleId :

PB157841TB

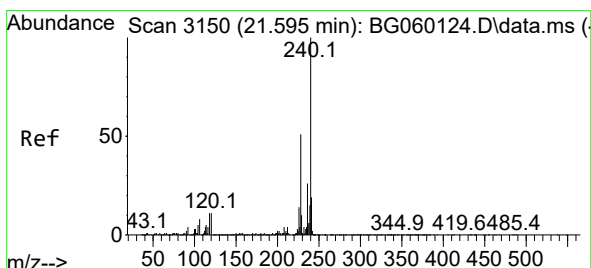
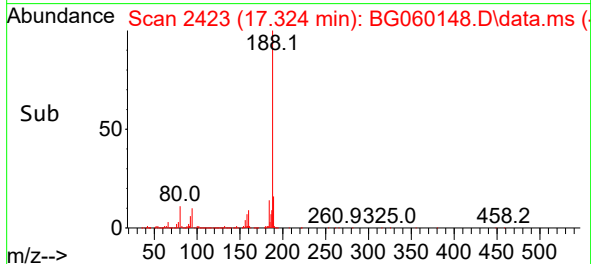
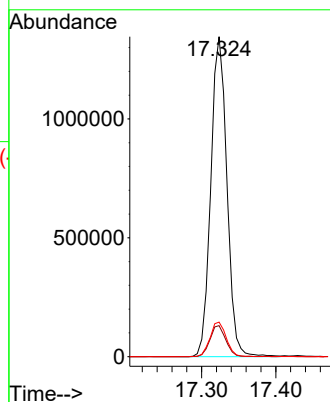
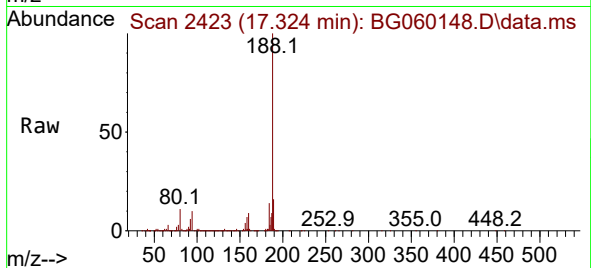
Tgt Ion:188 Resp: 2030724

Ion Ratio Lower Upper

188 100

94 9.7 7.6 11.4

80 10.8 7.9 11.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.589 min Scan# 3149

Delta R.T. -0.006 min

Lab File: BG060148.D

Acq: 22 Dec 2023 22:15

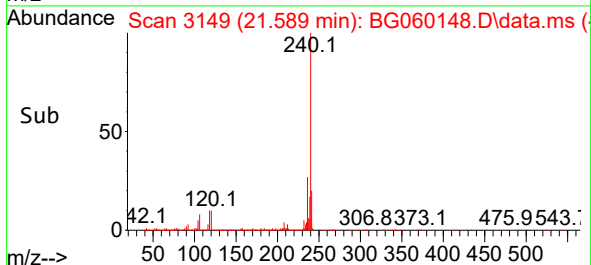
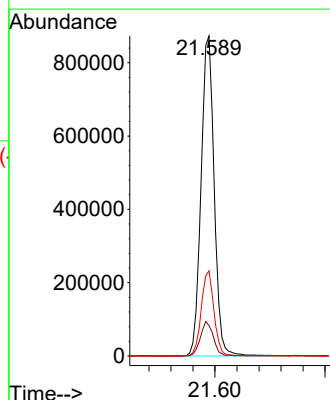
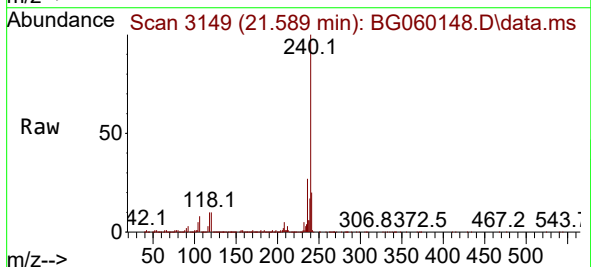
Tgt Ion:240 Resp: 1443288

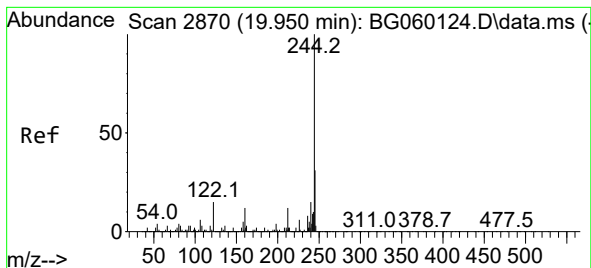
Ion Ratio Lower Upper

240 100

120 9.5 9.0 13.6

236 26.6 20.4 30.6





#79

Terphenyl-d14

Concen: 71.643 ng

RT: 19.944 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG060148.D

Acq: 22 Dec 2023 22:15

Instrument :

BNA_G

ClientSampleId :

PB157841TB

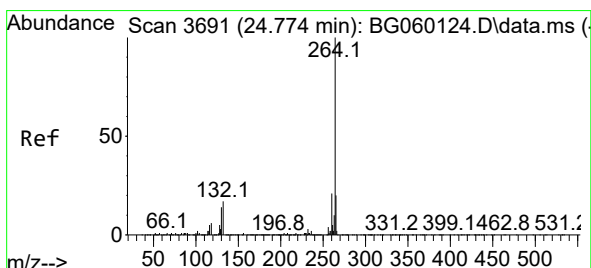
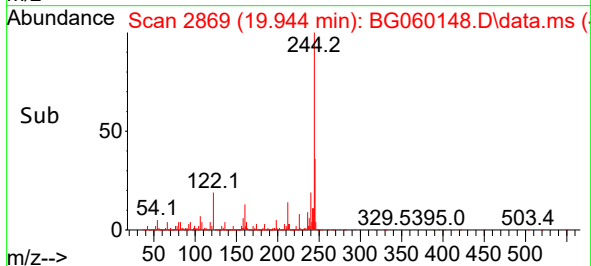
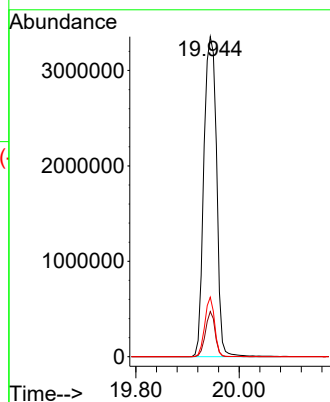
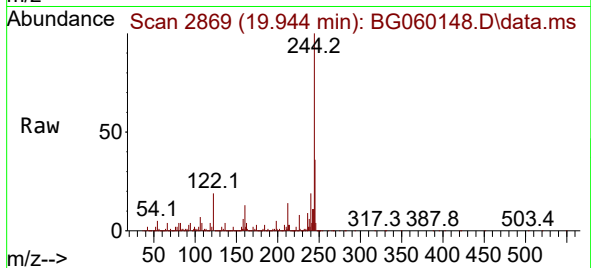
Tgt Ion:244 Resp: 5714247

Ion Ratio Lower Upper

244 100

212 14.1 9.5 14.3

122 18.6 12.2 18.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.756 min Scan# 3688

Delta R.T. -0.018 min

Lab File: BG060148.D

Acq: 22 Dec 2023 22:15

Tgt Ion:264 Resp: 1578045

Ion Ratio Lower Upper

264 100

260 23.9 17.1 25.7

265 21.4 16.0 24.0

