

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG122123\
 Data File : BG060129.D
 Acq On : 21 Dec 2023 19:30
 Operator : MA/JU
 Sample : PB157753BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB157753BL

Quant Time: Dec 22 03:56:41 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	7.941	152	155894	20.000	ng	0.00
21) Naphthalene-d8	10.749	136	694357	20.000	ng	0.00
39) Acenaphthene-d10	14.580	164	589259	20.000	ng	0.00
64) Phenanthrene-d10	17.324	188	1659700	20.000	ng	0.00
76) Chrysene-d12	21.589	240	1378968	20.000	ng	0.00
86) Perylene-d12	24.768	264	1343421	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.514	112	1663709	168.161	ng	0.00
7) Phenol-d6	7.106	99	2459782	147.731	ng	0.00
23) Nitrobenzene-d5	9.104	82	1450274	102.318	ng	0.00
42) 2,4,6-Tribromophenol	16.072	330	1168582	147.289	ng	0.00
45) 2-Fluorobiphenyl	13.205	172	3738051	95.253	ng	0.00
79) Terphenyl-d14	19.950	244	6102168	80.075	ng	0.00

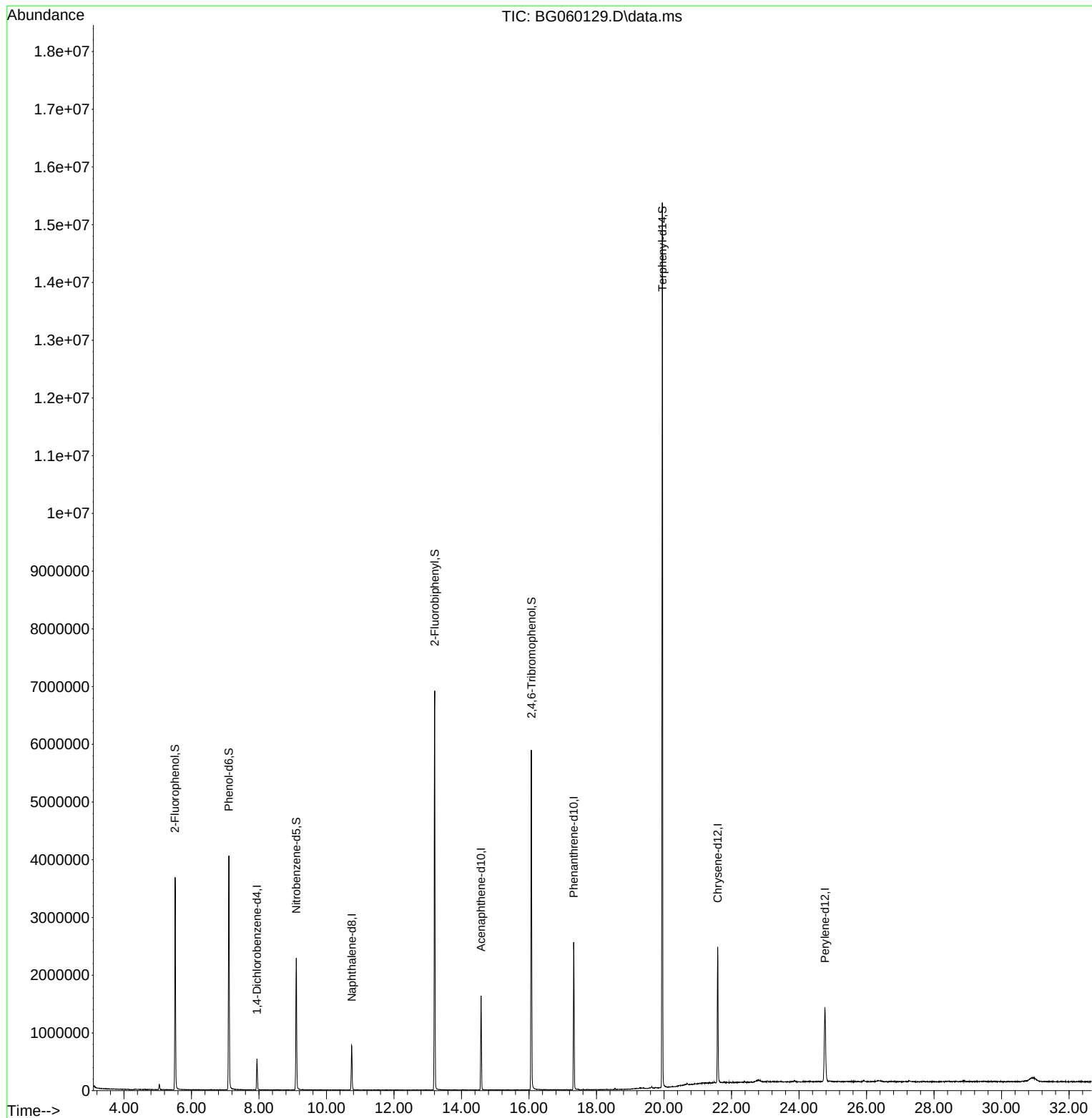
Target Compounds	Qvalue

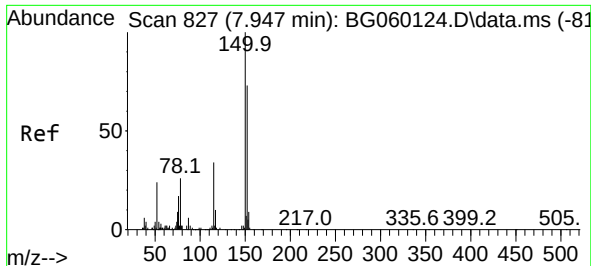
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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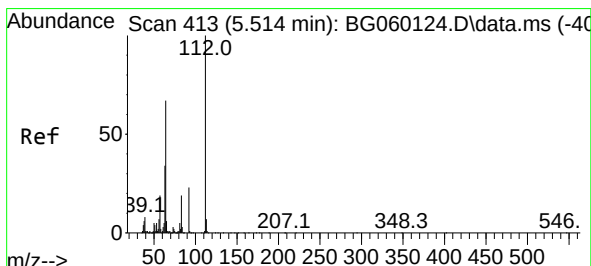
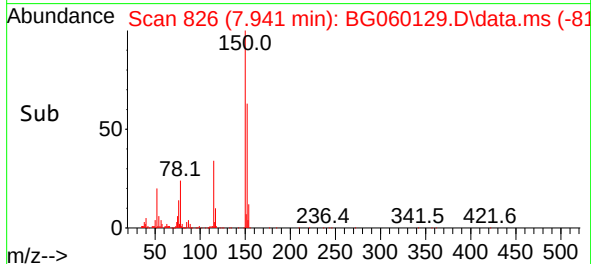
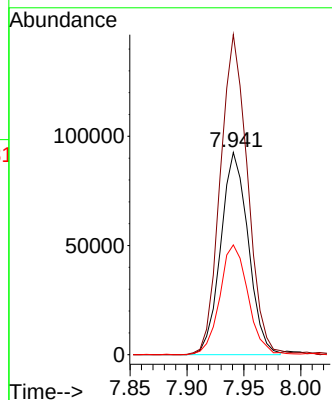
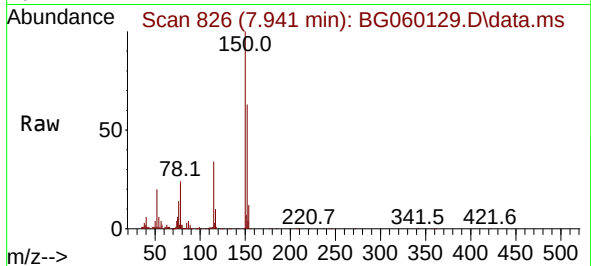




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.941 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG060129.D
Acq: 21 Dec 2023 19:30

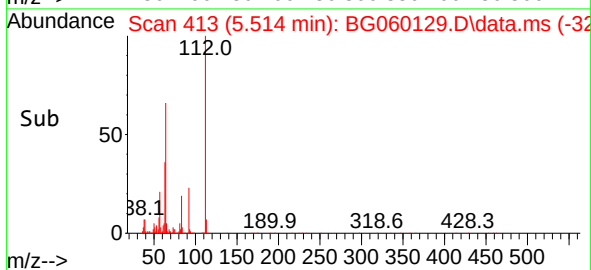
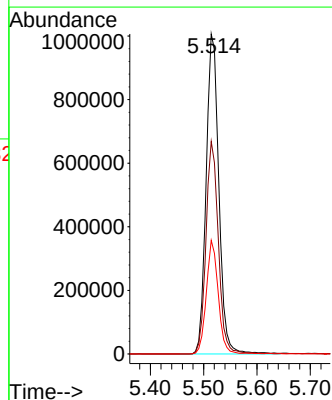
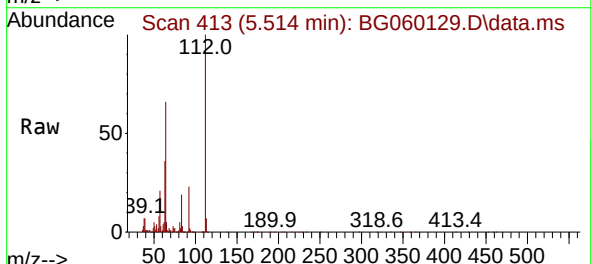
Instrument :
BNA_G
ClientSampleId :
PB157753BL

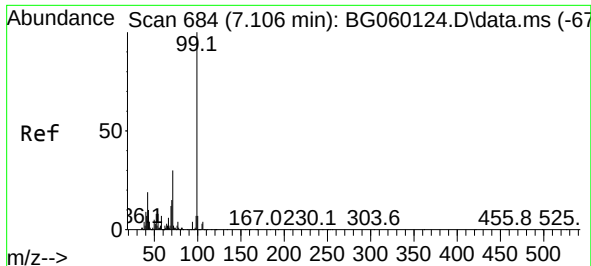
Tgt Ion:152 Resp: 155894
Ion Ratio Lower Upper
152 100
150 158.2 109.4 164.0
115 54.2 36.5 54.7



#5
2-Fluorophenol
Concen: 168.161 ng
RT: 5.514 min Scan# 413
Delta R.T. 0.000 min
Lab File: BG060129.D
Acq: 21 Dec 2023 19:30

Tgt Ion:112 Resp: 1663709
Ion Ratio Lower Upper
112 100
64 66.4 53.3 79.9
63 35.5 27.1 40.7



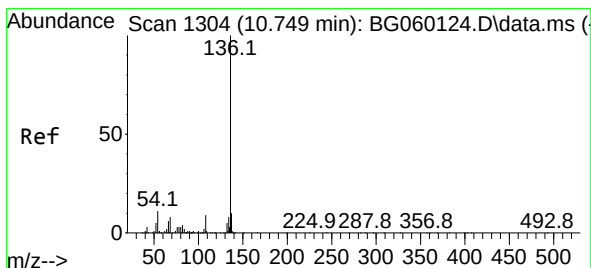
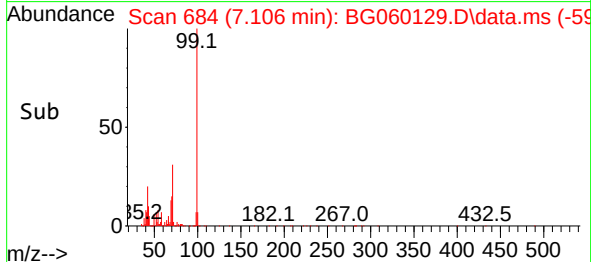
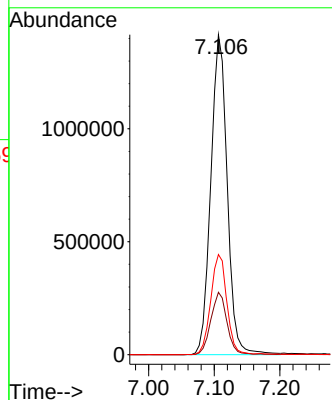
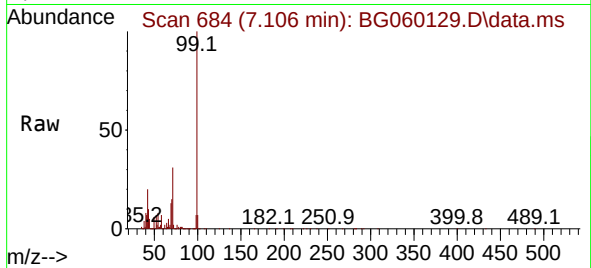


#7
Phenol-d6
Concen: 147.731 ng
RT: 7.106 min Scan# 684
Delta R.T. 0.000 min
Lab File: BG060129.D
Acq: 21 Dec 2023 19:30

Instrument :
BNA_G
ClientSampleId :
PB157753BL

Tgt Ion: 99 Resp: 2459782

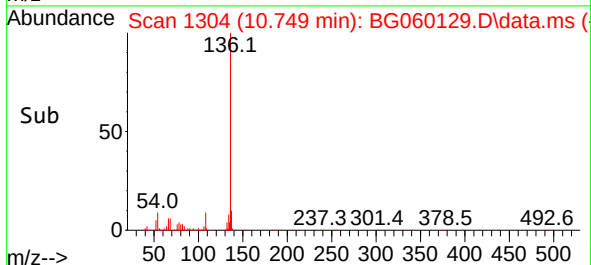
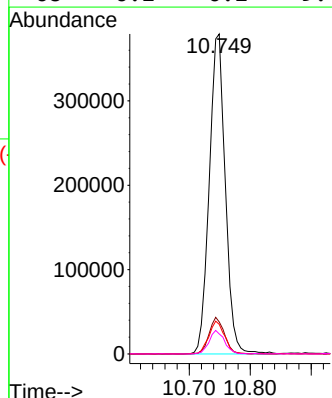
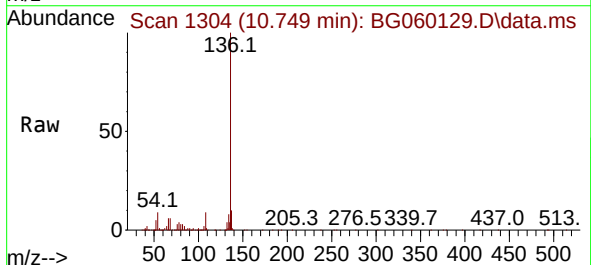
Ion	Ratio	Lower	Upper
99	100		
42	19.5	15.2	22.8
71	31.3	24.2	36.2

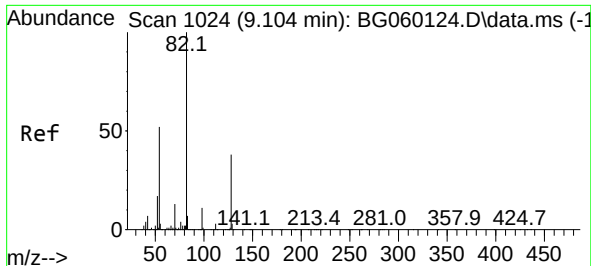


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.749 min Scan# 1304
Delta R.T. 0.000 min
Lab File: BG060129.D
Acq: 21 Dec 2023 19:30

Tgt Ion:136 Resp: 694357

Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.1	12.1
54	9.2	8.7	13.1
68	6.2	6.2	9.4





#23

Nitrobenzene-d5

Concen: 102.318 ng

RT: 9.104 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BG060129.D

Acq: 21 Dec 2023 19:30

Instrument :

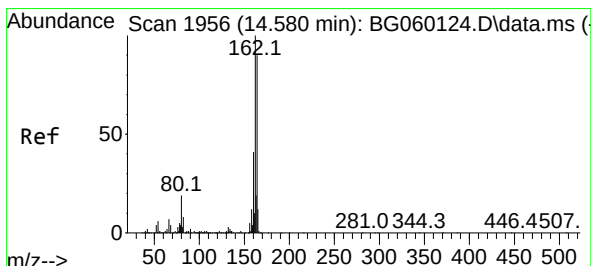
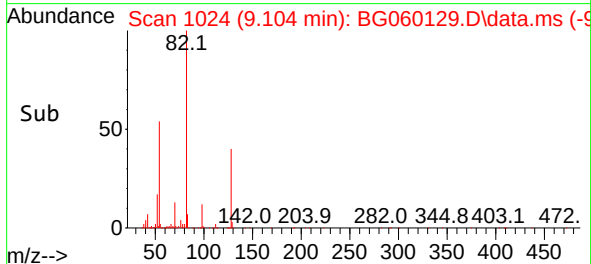
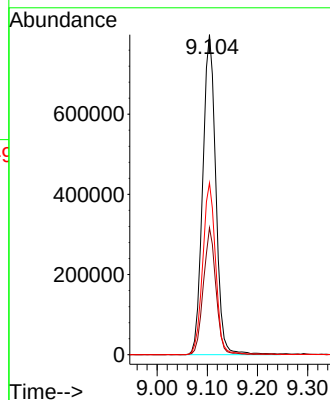
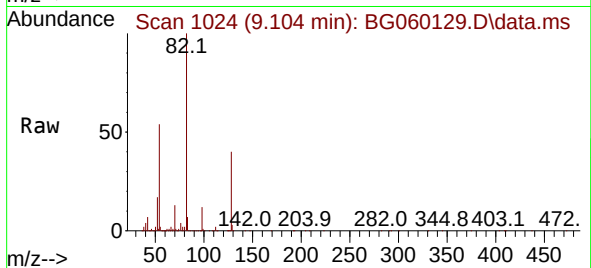
BNA_G

ClientSampleId :

PB157753BL

Tgt Ion: 82 Resp: 1450274

Ion	Ratio	Lower	Upper
82	100		
128	39.7	30.5	45.7
54	53.6	41.9	62.9



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.580 min Scan# 1956

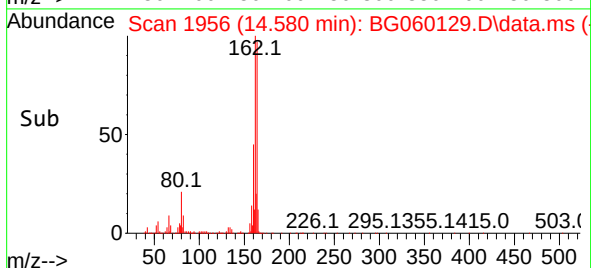
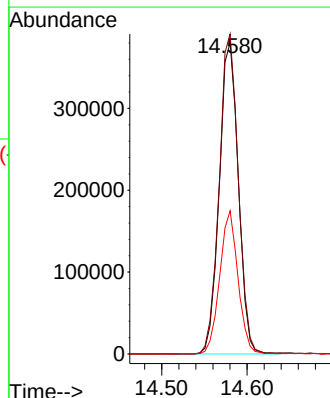
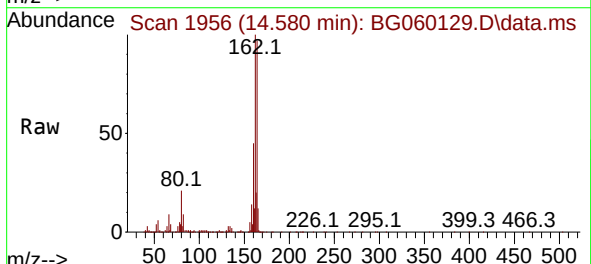
Delta R.T. 0.000 min

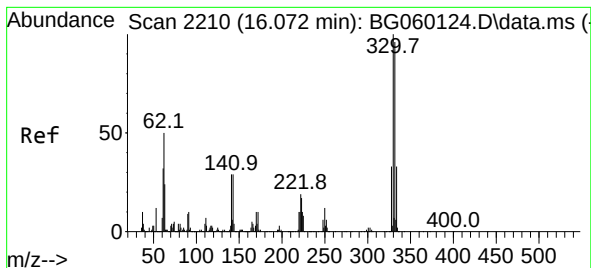
Lab File: BG060129.D

Acq: 21 Dec 2023 19:30

Tgt Ion:164 Resp: 589259

Ion	Ratio	Lower	Upper
164	100		
162	102.8	88.5	132.7
160	46.0	36.2	54.2

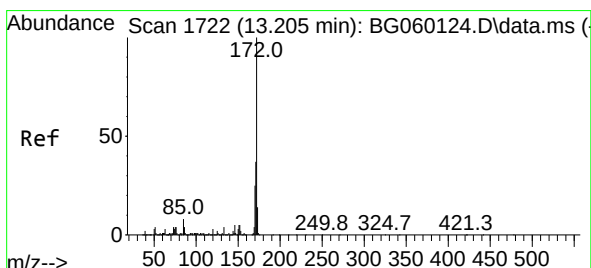
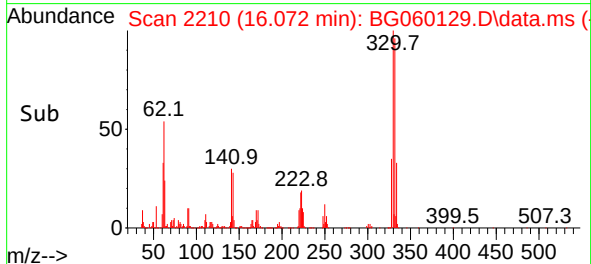
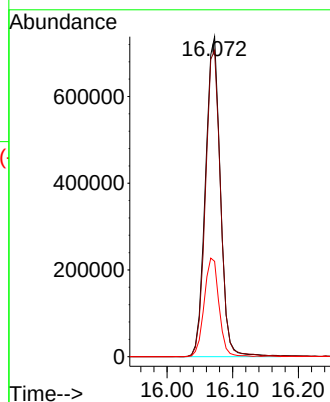
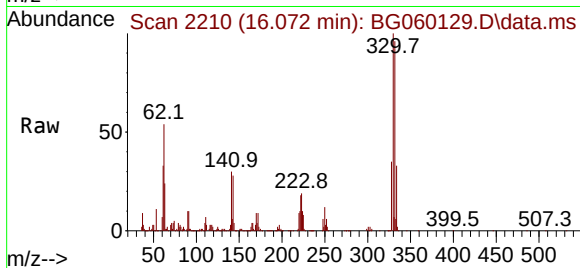




#42
2,4,6-Tribromophenol
Concen: 147.289 ng
RT: 16.072 min Scan# 21
Delta R.T. 0.000 min
Lab File: BG060129.D
Acq: 21 Dec 2023 19:30

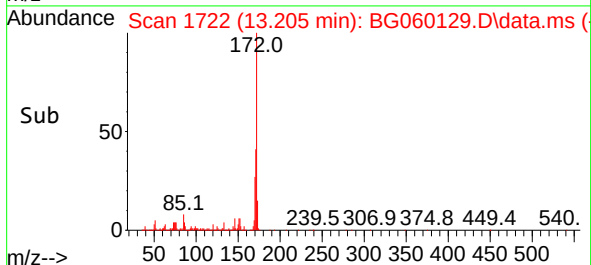
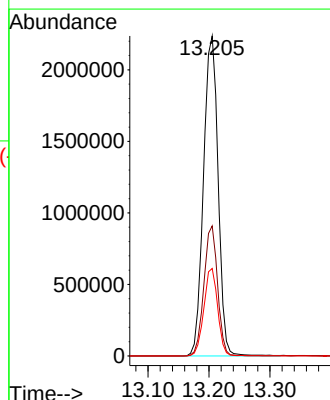
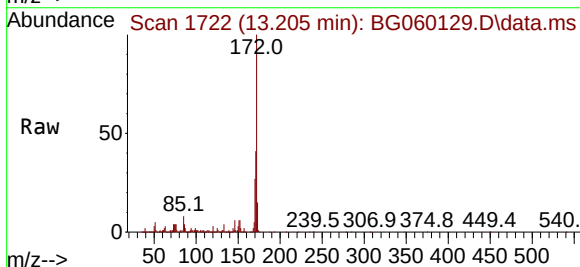
Instrument :
BNA_G
ClientSampleId :
PB157753BL

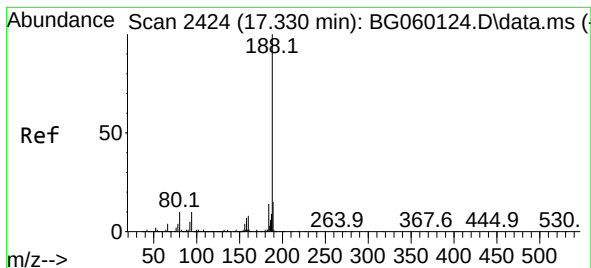
Tgt Ion:330 Resp: 1168582
Ion Ratio Lower Upper
330 100
332 96.9 75.5 113.3
141 30.7 24.7 37.1



#45
2-Fluorobiphenyl
Concen: 95.253 ng
RT: 13.205 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BG060129.D
Acq: 21 Dec 2023 19:30

Tgt Ion:172 Resp: 3738051
Ion Ratio Lower Upper
172 100
171 40.7 29.2 43.8
170 27.3 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: BG060129.D

Acq: 21 Dec 2023 19:30

Instrument :

BNA_G

ClientSampleId :

PB157753BL

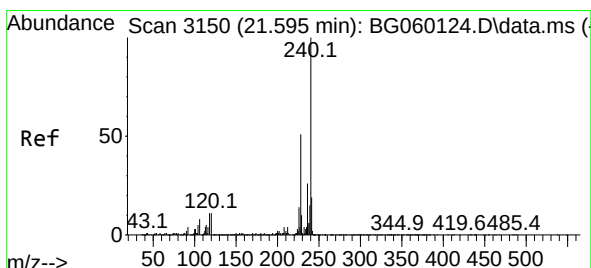
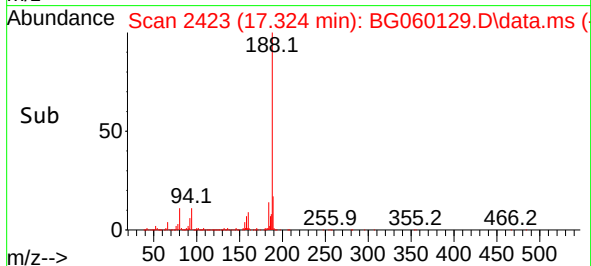
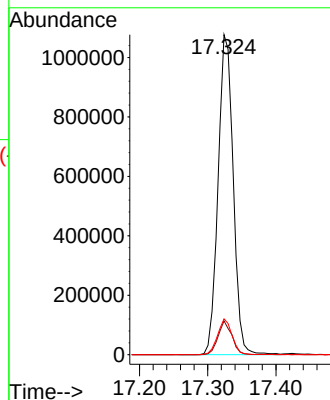
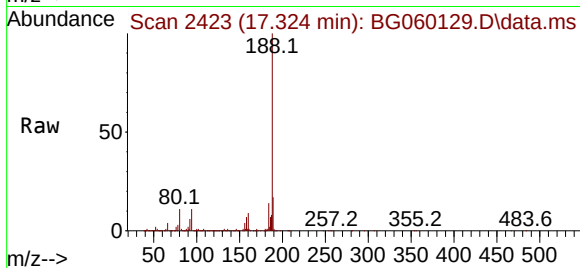
Tgt Ion:188 Resp: 1659700

Ion Ratio Lower Upper

188 100

94 10.6 7.6 11.4

80 11.2 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: BG060129.D

Acq: 21 Dec 2023 19:30

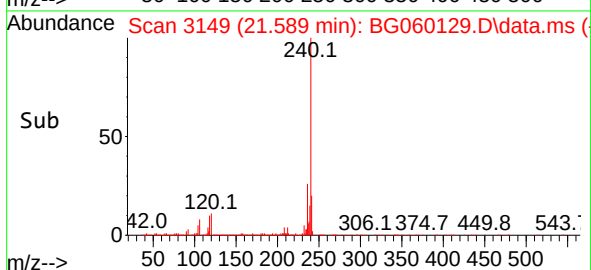
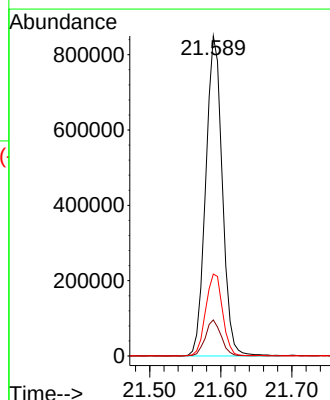
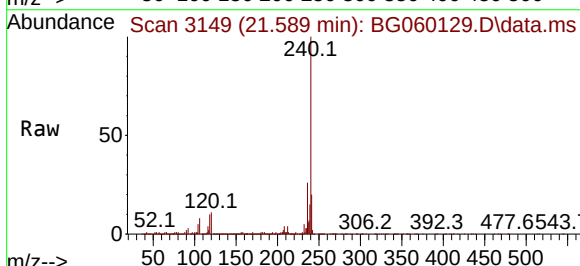
Tgt Ion:240 Resp: 1378968

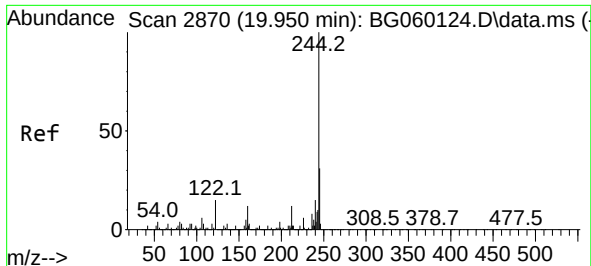
Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.6

236 25.6 20.4 30.6





#79

Terphenyl-d14

Concen: 80.075 ng

RT: 19.950 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060129.D

Acq: 21 Dec 2023 19:30

Instrument :

BNA_G

ClientSampleId :

PB157753BL

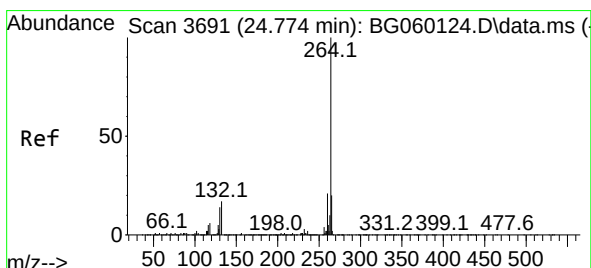
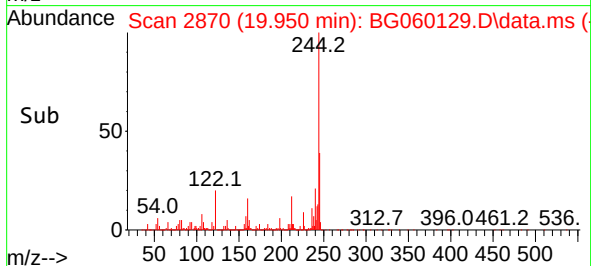
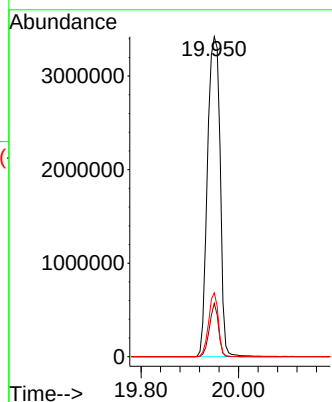
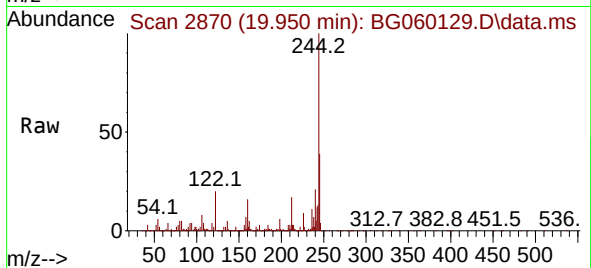
Tgt Ion:244 Resp: 6102168

Ion Ratio Lower Upper

244 100

212 16.6 9.5 14.3#

122 19.9 12.2 18.4#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.768 min Scan# 3690

Delta R.T. -0.006 min

Lab File: BG060129.D

Acq: 21 Dec 2023 19:30

Tgt Ion:264 Resp: 1343421

Ion Ratio Lower Upper

264 100

260 22.0 17.1 25.7

265 22.1 16.0 24.0

