

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057070.D
 Acq On : 12 Apr 2023 19:22
 Operator : CG/JU
 Sample : 02292-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 IDW-SO-G2-041123

Quant Time: Apr 13 05:26:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.405	152	14197	20.000	ng	0.00
21) Naphthalene-d8	11.248	136	54416	20.000	ng	# 0.00
39) Acenaphthene-d10	15.019	164	39536	20.000	ng	0.00
64) Phenanthrene-d10	17.757	188	97077	20.000	ng	# 0.00
76) Chrysene-d12	22.069	240	91034	20.000	ng	#-0.01
86) Perylene-d12	25.605	264	99200	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.914	112	80229	90.443	ng	0.00
7) Phenol-d6	7.535	99	112762	84.993	ng	0.00
23) Nitrobenzene-d5	9.580	82	70477	52.995	ng	0.00
42) 2,4,6-Tribromophenol	16.500	330	56021	88.697	ng	0.00
45) 2-Fluorobiphenyl	13.645	172	160364	55.002	ng	0.00
79) Terphenyl-d14	20.324	244	318027	59.116	ng	0.00

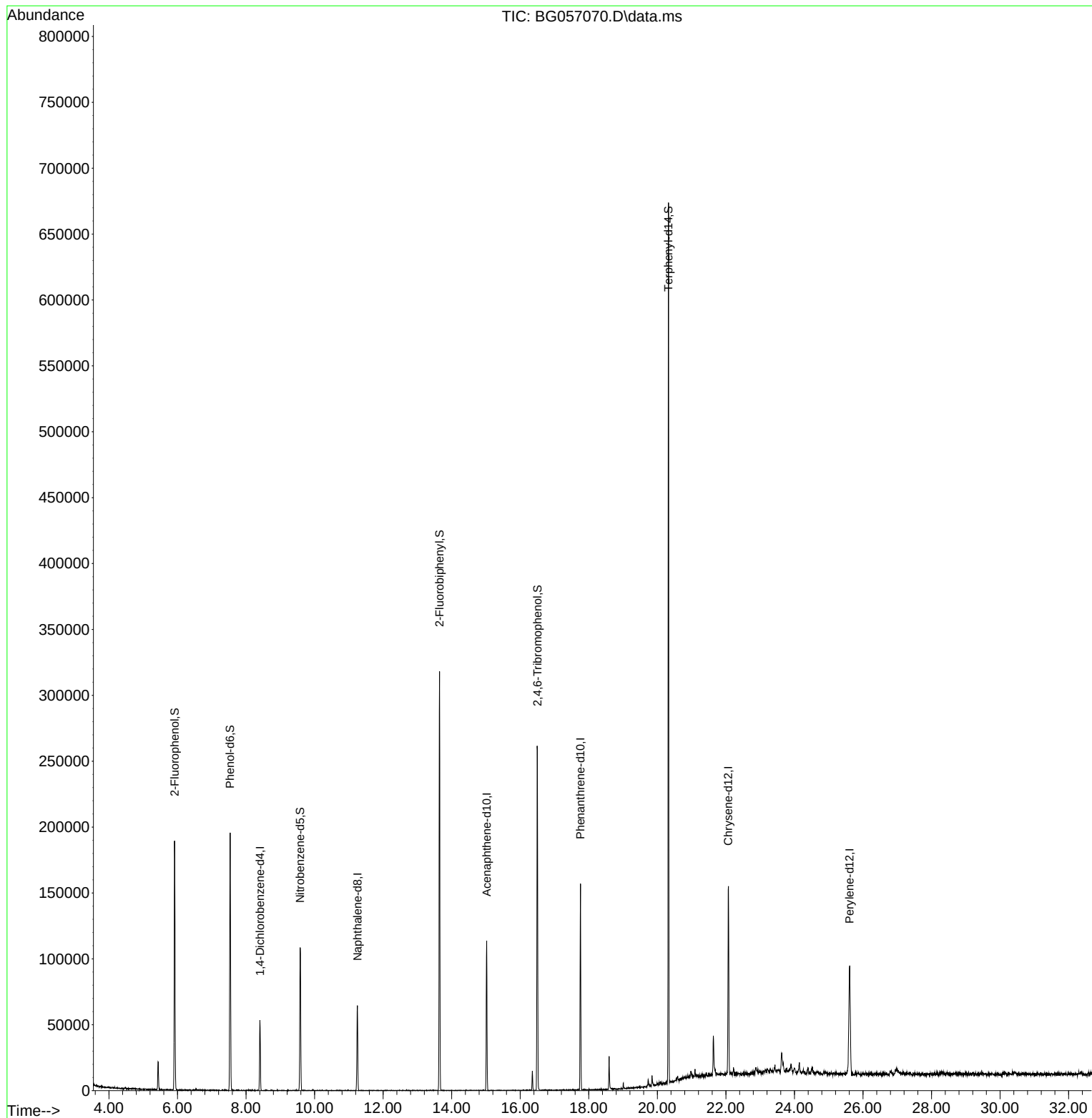
Target Compounds	Qvalue

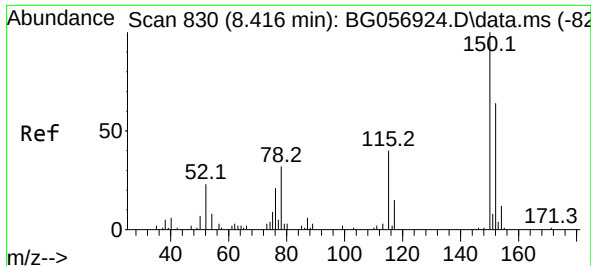
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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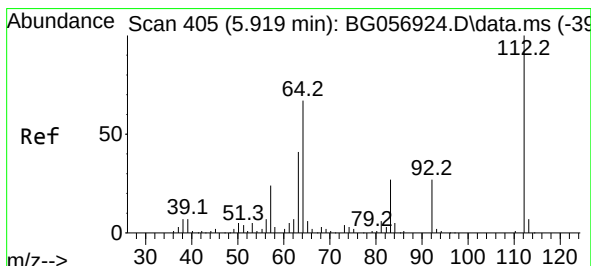
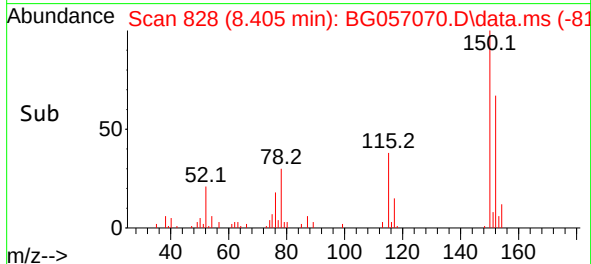
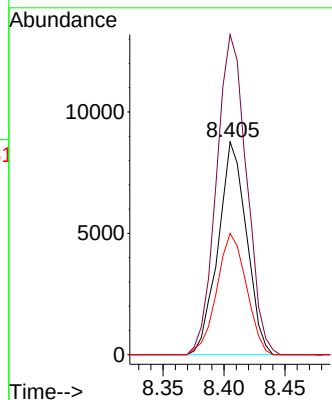
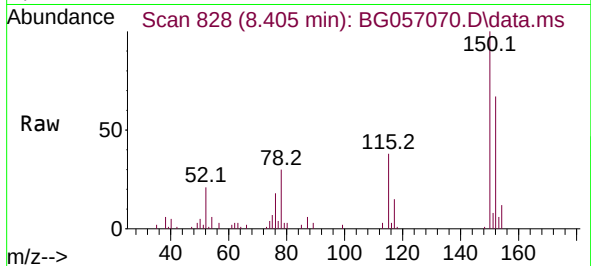




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.405 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG057070.D
Acq: 12 Apr 2023 19:22

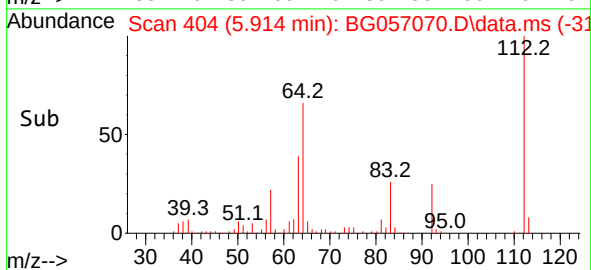
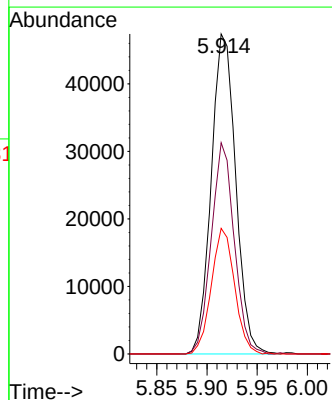
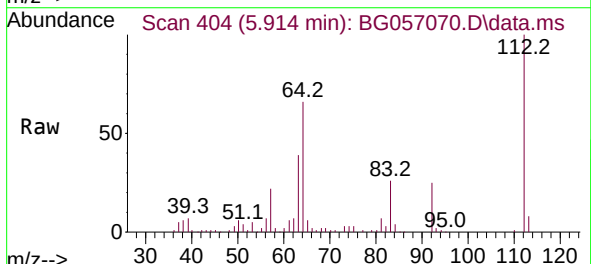
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G2-041123

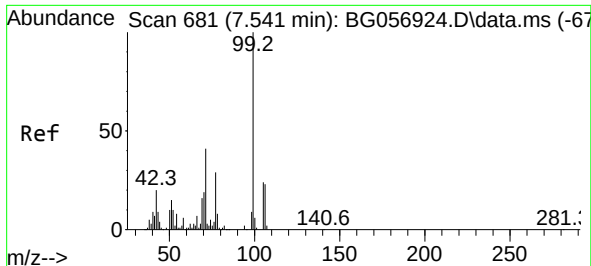
Tgt Ion:152 Resp: 14197
Ion Ratio Lower Upper
152 100
150 150.3 124.1 186.1
115 57.0 49.1 73.7



#5
2-Fluorophenol
Concen: 90.443 ng
RT: 5.914 min Scan# 404
Delta R.T. -0.000 min
Lab File: BG057070.D
Acq: 12 Apr 2023 19:22

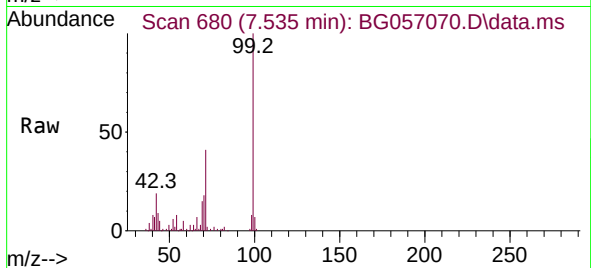
Tgt Ion:112 Resp: 80229
Ion Ratio Lower Upper
112 100
64 66.0 53.2 79.8
63 39.3 32.6 48.8





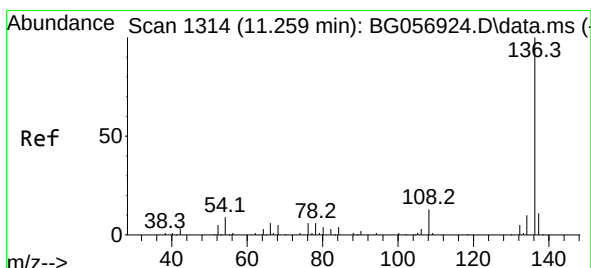
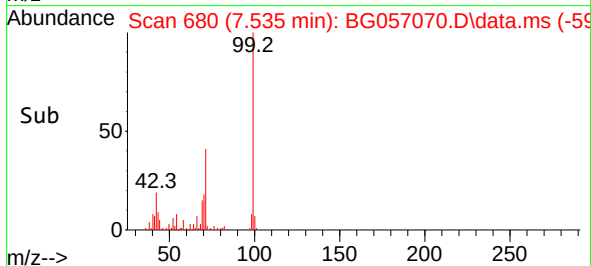
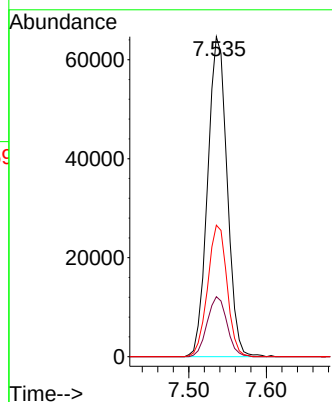
#7
Phenol-d6
Concen: 84.993 ng
RT: 7.535 min Scan# 61
Delta R.T. -0.000 min
Lab File: BG057070.D
Acq: 12 Apr 2023 19:22

Instrument :
BNA_G
ClientSampleId :
IDW-SO-G2-041123



Tgt Ion: 99 Resp: 112762

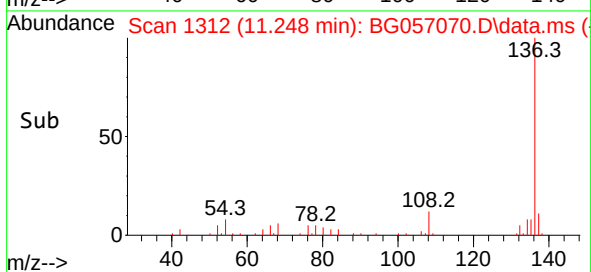
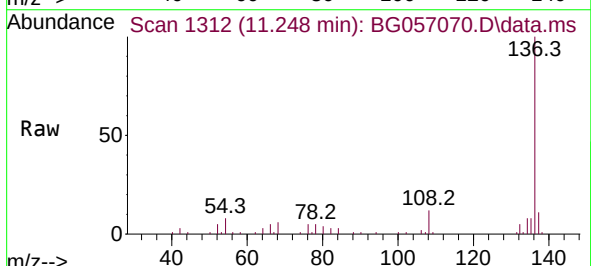
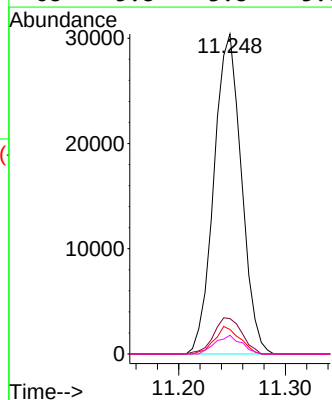
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.7	23.5
71	41.1	32.5	48.7

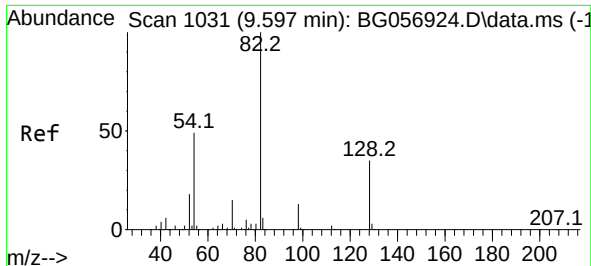


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.248 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BG057070.D
Acq: 12 Apr 2023 19:22

Tgt Ion: 136 Resp: 54416

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	7.6	6.9	10.3
68	5.8	3.8	5.6

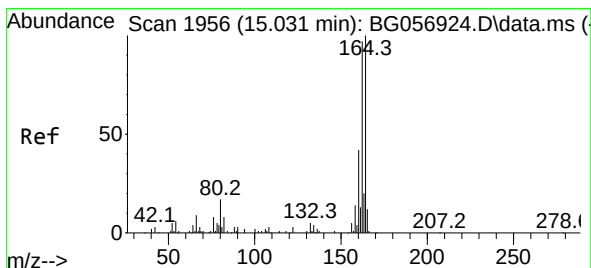
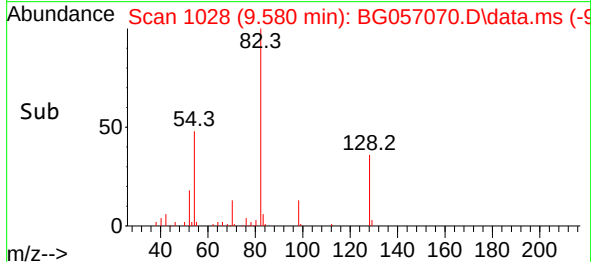
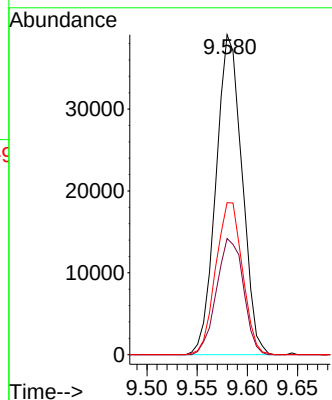
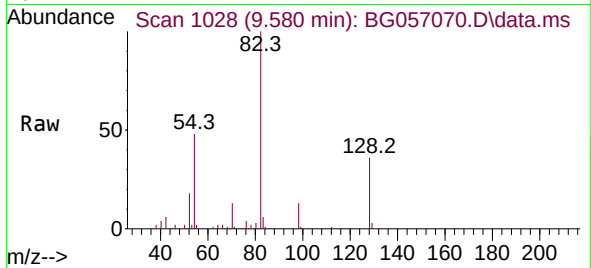




#23
Nitrobenzene-d5
Concen: 52.995 ng
RT: 9.580 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BG057070.D
Acq: 12 Apr 2023 19:22

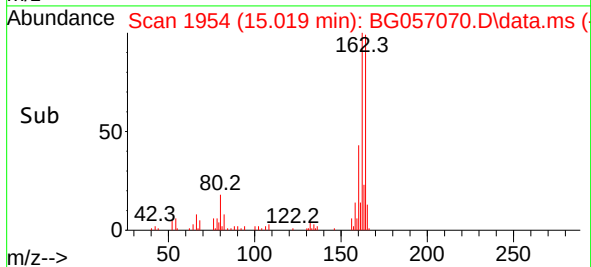
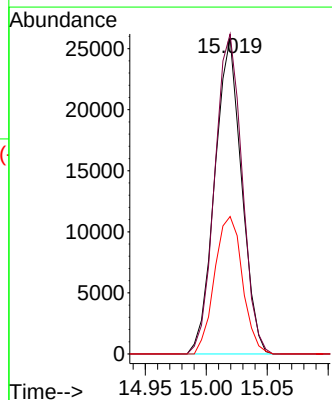
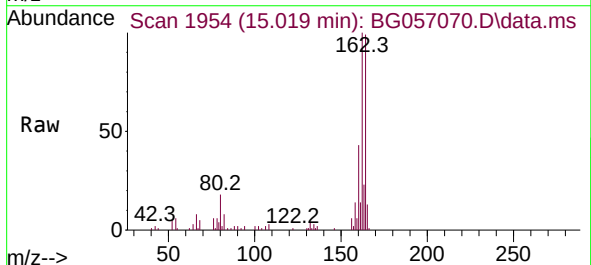
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G2-041123

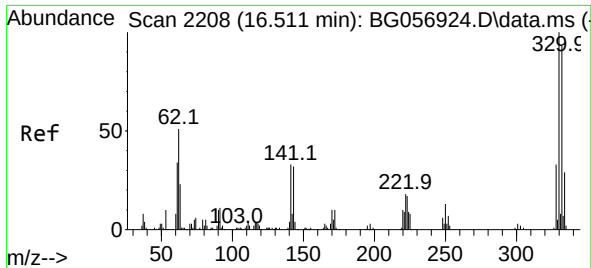
Tgt Ion: 82 Resp: 70477
Ion Ratio Lower Upper
82 100
128 36.3 27.9 41.9
54 47.5 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.019 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BG057070.D
Acq: 12 Apr 2023 19:22

Tgt Ion: 164 Resp: 39536
Ion Ratio Lower Upper
164 100
162 101.2 77.8 116.8
160 43.5 33.5 50.3

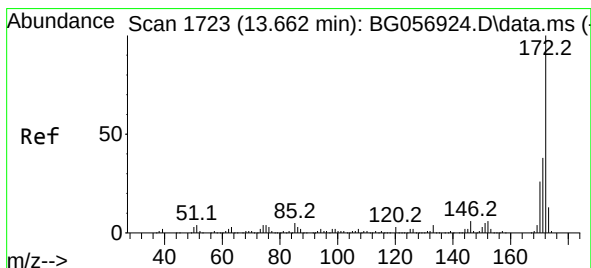
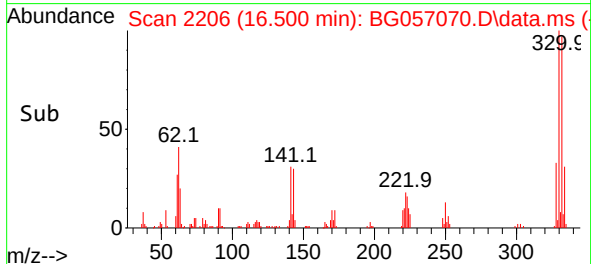
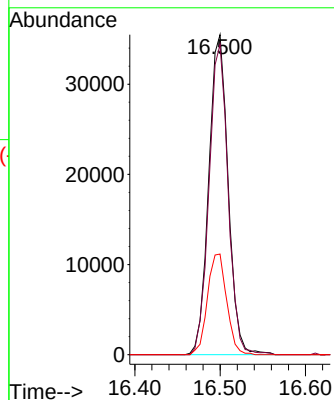
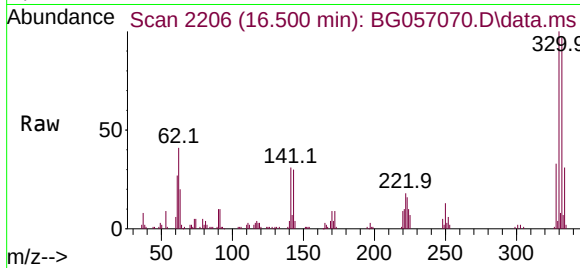




#42
2,4,6-Tribromophenol
Concen: 88.697 ng
RT: 16.500 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG057070.D
Acq: 12 Apr 2023 19:22

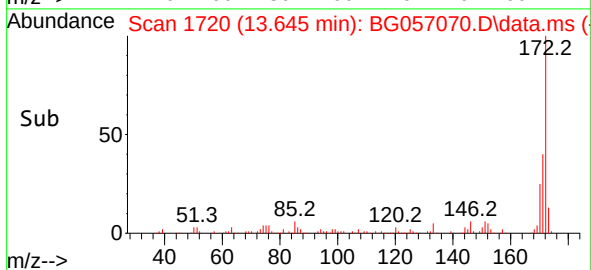
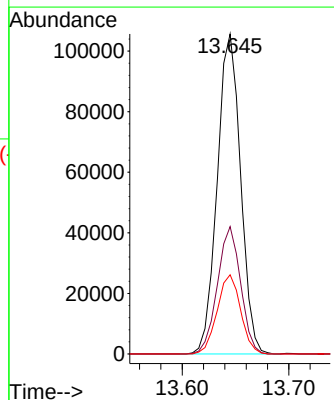
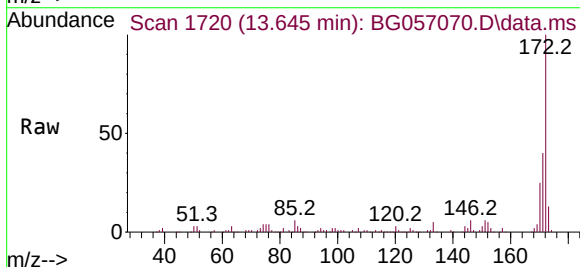
Instrument :
BNA_G
ClientSampleId :
IDW-SO-G2-041123

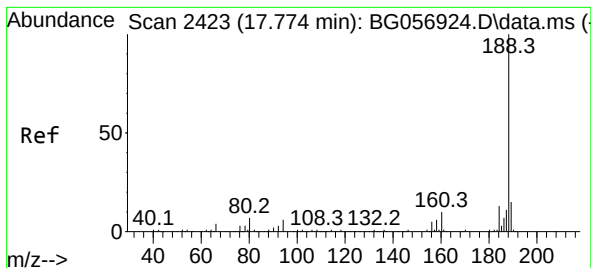
Tgt Ion:330 Resp: 56021
Ion Ratio Lower Upper
330 100
332 95.2 76.1 114.1
141 31.2 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 55.002 ng
RT: 13.645 min Scan# 1720
Delta R.T. -0.000 min
Lab File: BG057070.D
Acq: 12 Apr 2023 19:22

Tgt Ion:172 Resp: 160364
Ion Ratio Lower Upper
172 100
171 39.8 30.6 46.0
170 24.8 20.6 30.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.757 min Scan# 2420

Delta R.T. -0.006 min

Lab File: BG057070.D

Acq: 12 Apr 2023 19:22

Instrument :

BNA_G

ClientSampleId :

IDW-SO-G2-041123

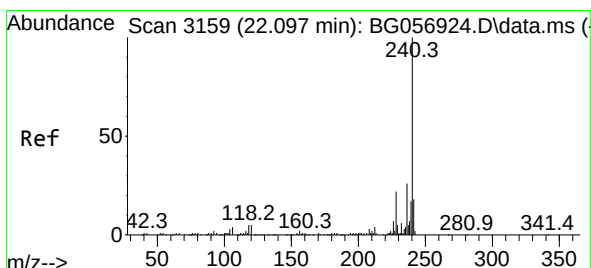
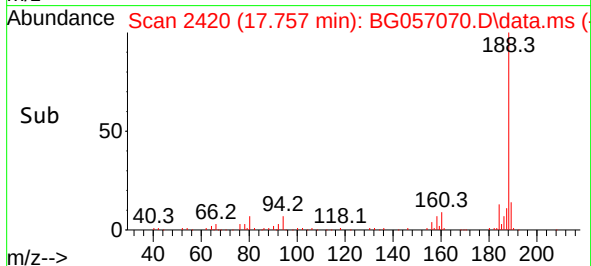
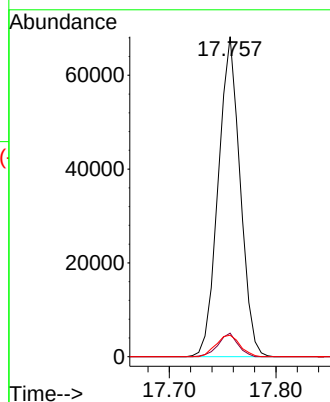
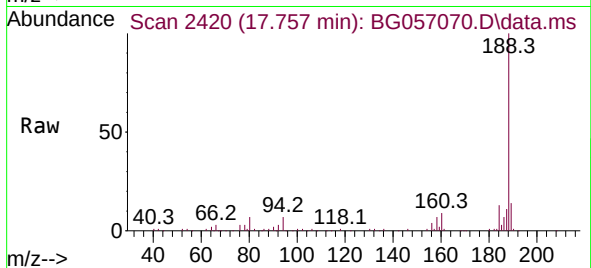
Tgt Ion:188 Resp: 97077

Ion Ratio Lower Upper

188 100

94 7.3 4.6 6.8#

80 6.7 5.5 8.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 22.069 min Scan# 3154

Delta R.T. -0.012 min

Lab File: BG057070.D

Acq: 12 Apr 2023 19:22

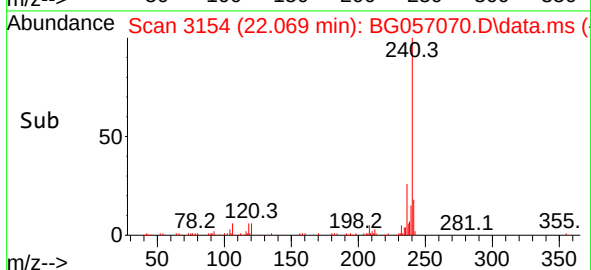
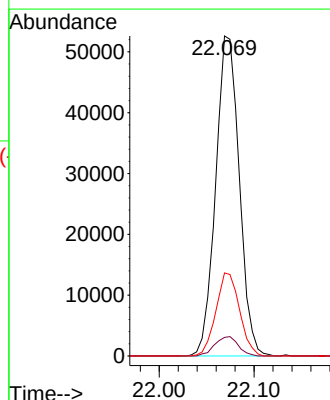
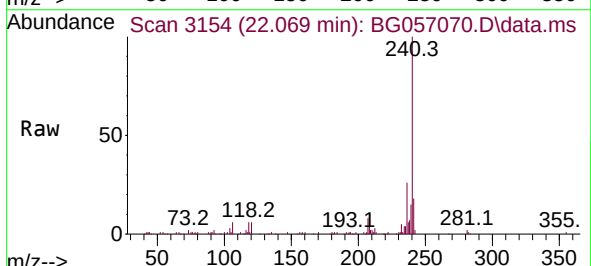
Tgt Ion:240 Resp: 91034

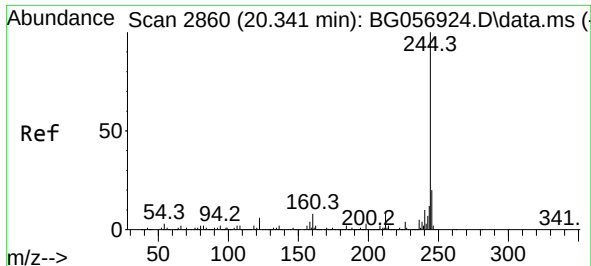
Ion Ratio Lower Upper

240 100

120 5.8 3.8 5.6#

236 25.9 21.0 31.6





#79

Terphenyl-d14

Concen: 59.116 ng

RT: 20.324 min Scan# 21

Delta R.T. -0.000 min

Lab File: BG057070.D

Acq: 12 Apr 2023 19:22

Instrument :

BNA_G

ClientSampleId :

IDW-SO-G2-041123

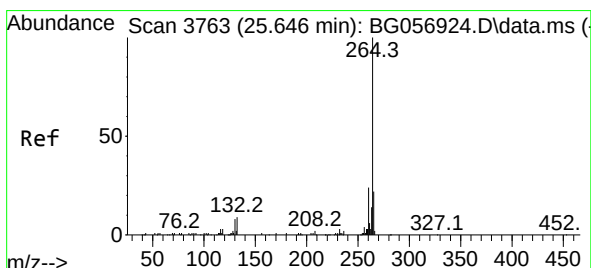
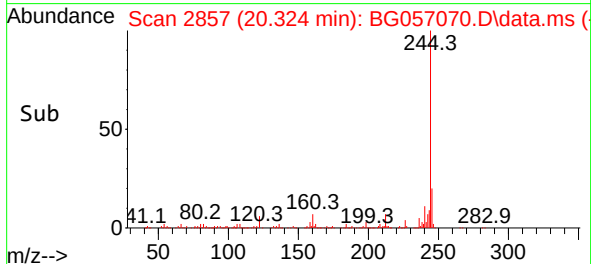
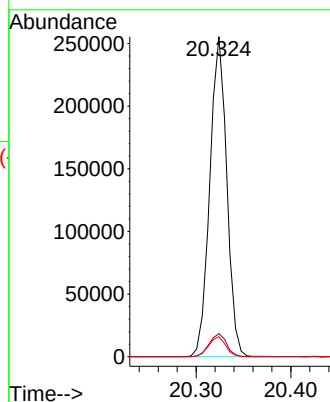
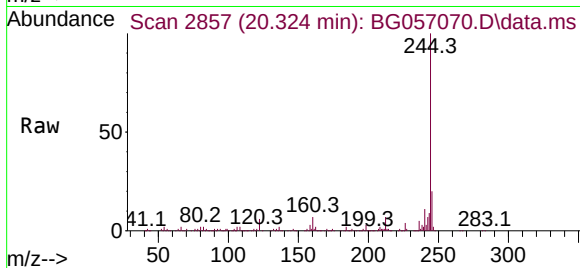
Tgt Ion:244 Resp: 318027

Ion Ratio Lower Upper

244 100

212 7.2 6.1 9.1

122 6.3 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.605 min Scan# 3756

Delta R.T. -0.006 min

Lab File: BG057070.D

Acq: 12 Apr 2023 19:22

Tgt Ion:264 Resp: 99200

Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.4

265 20.0 17.8 26.6

