

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060057.D
 Acq On : 16 Dec 2023 6:03
 Operator : MA/JU
 Sample : 05796-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-04-14-15

Quant Time: Dec 18 00:10:32 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	7.952	152	69000	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	281523	20.000	ng	# 0.00
39) Acenaphthene-d10	14.591	164	238857	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	724073	20.000	ng	0.00
76) Chrysene-d12	21.607	240	845390	20.000	ng	0.00
86) Perylene-d12	24.797	264	980915	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	578718	143.577	ng	0.00
7) Phenol-d6	7.112	99	823785	145.292	ng	0.00
23) Nitrobenzene-d5	9.116	82	544900	87.890	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	760927	136.698	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1720827	88.175	ng	0.00
79) Terphenyl-d14	19.962	244	4009530	86.590	ng	0.00

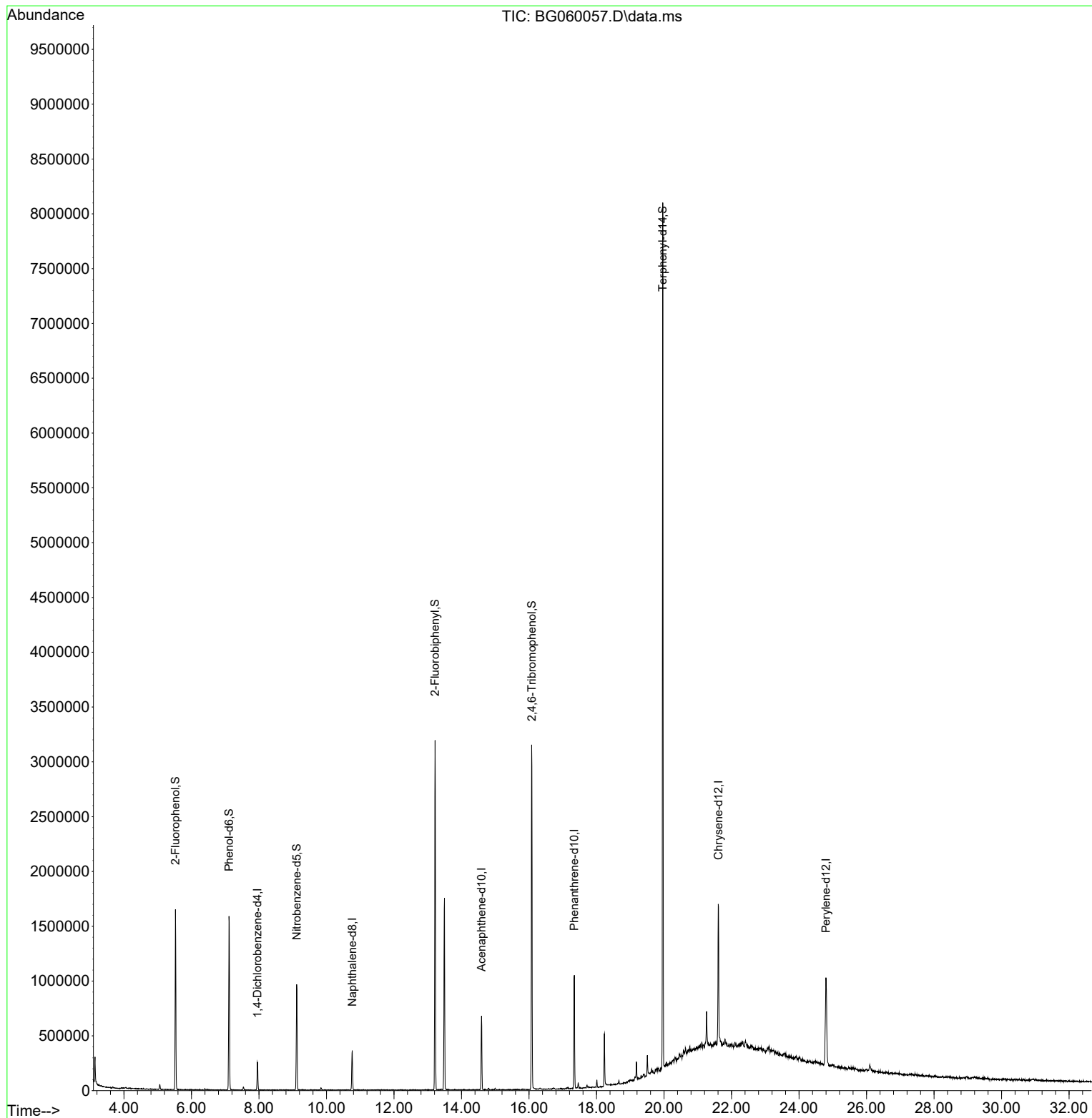
Target Compounds	Qvalue

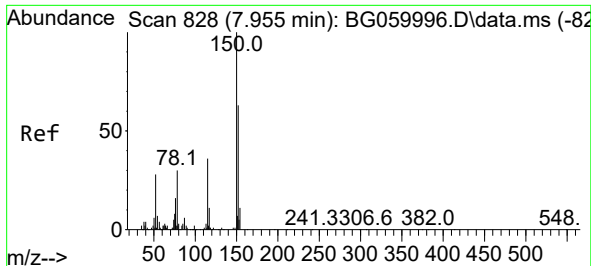
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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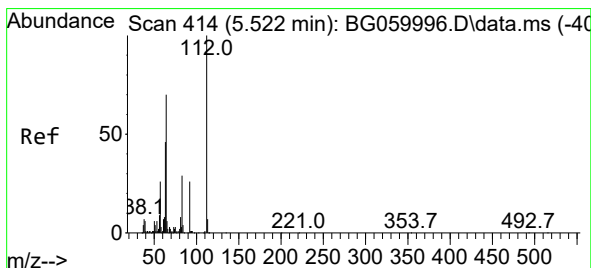
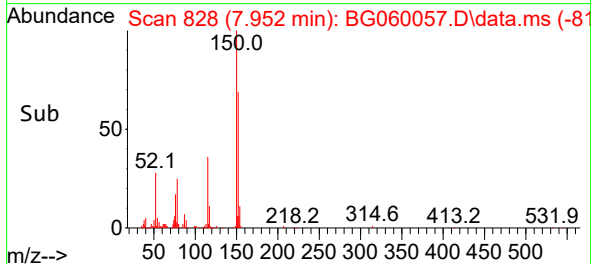
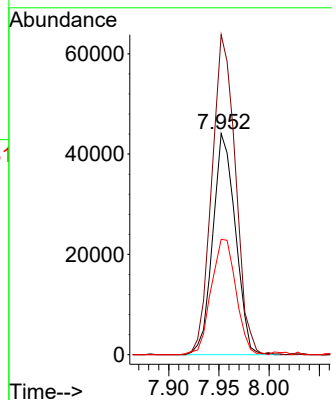
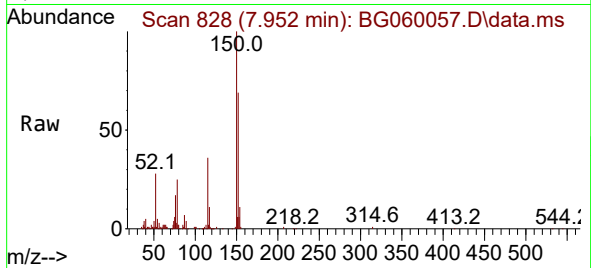




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.952 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG060057.D
Acq: 16 Dec 2023 6:03

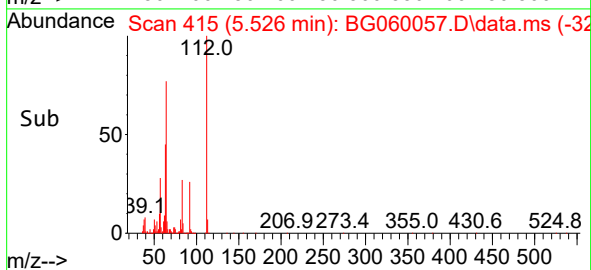
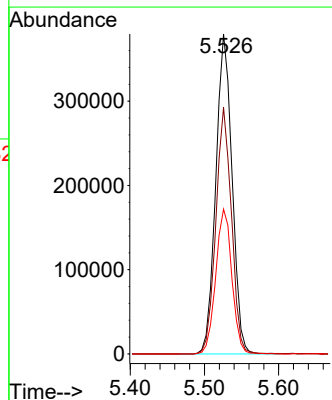
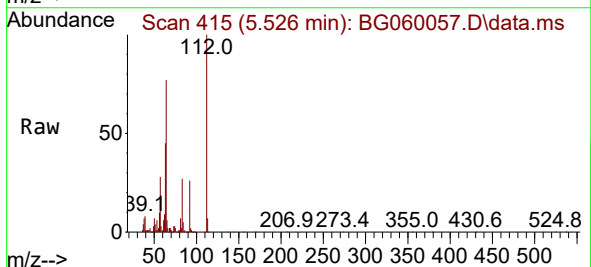
Instrument :
BNA_G
ClientSampleId :
RT-SB-04-14-15

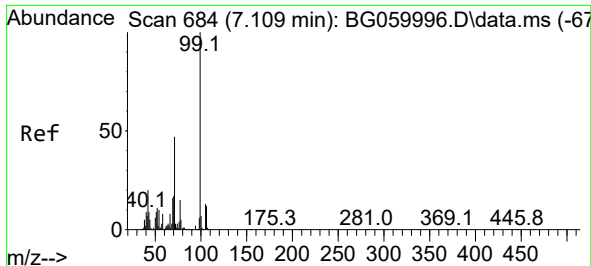
Tgt Ion:152 Resp: 69000
Ion Ratio Lower Upper
152 100
150 144.7 127.0 190.6
115 52.1 45.7 68.5



#5
2-Fluorophenol
Concen: 143.577 ng
RT: 5.526 min Scan# 415
Delta R.T. 0.004 min
Lab File: BG060057.D
Acq: 16 Dec 2023 6:03

Tgt Ion:112 Resp: 578718
Ion Ratio Lower Upper
112 100
64 77.1 55.9 83.9
63 45.3 36.5 54.7

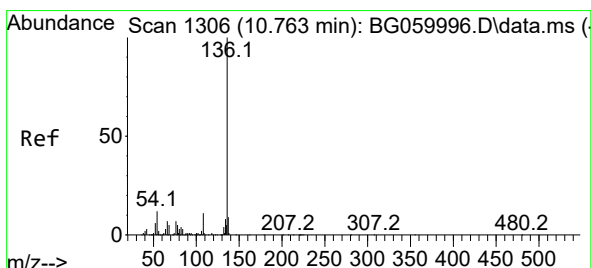
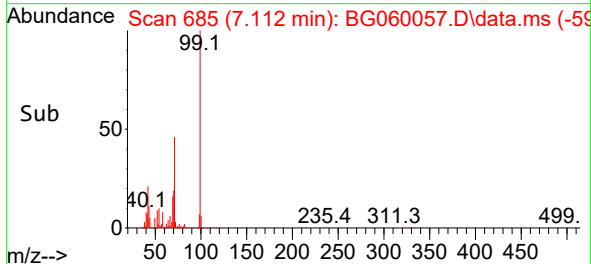
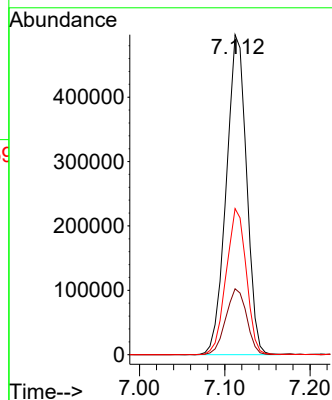
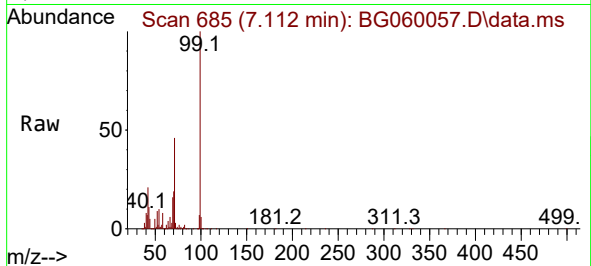




#7
Phenol-d6
Concen: 145.292 ng
RT: 7.112 min Scan# 61
Delta R.T. 0.003 min
Lab File: BG060057.D
Acq: 16 Dec 2023 6:03

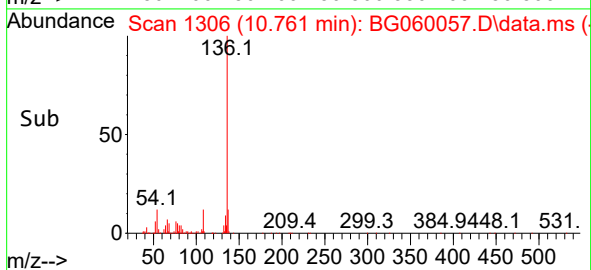
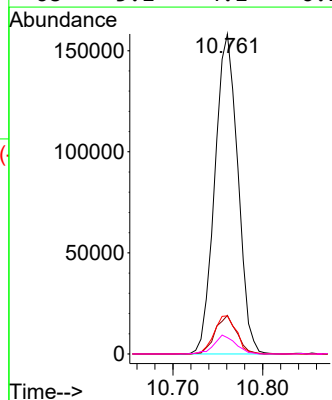
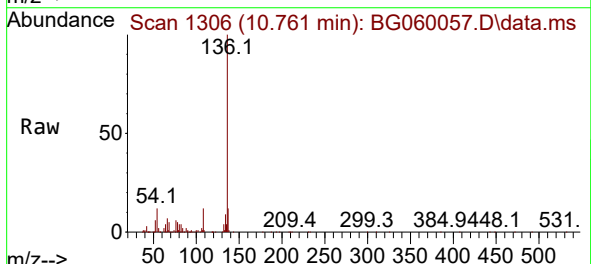
Instrument :
BNA_G
ClientSampleId :
RT-SB-04-14-15

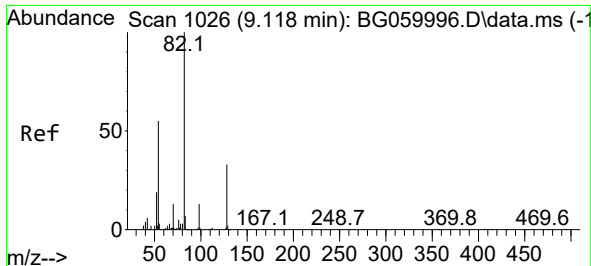
Tgt Ion: 99 Resp: 823785
Ion Ratio Lower Upper
99 100
42 20.6 16.2 24.4
71 45.7 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.003 min
Lab File: BG060057.D
Acq: 16 Dec 2023 6:03

Tgt Ion: 136 Resp: 281523
Ion Ratio Lower Upper
136 100
137 12.1 7.3 10.9#
54 11.9 9.6 14.4
68 5.1 4.1 6.1

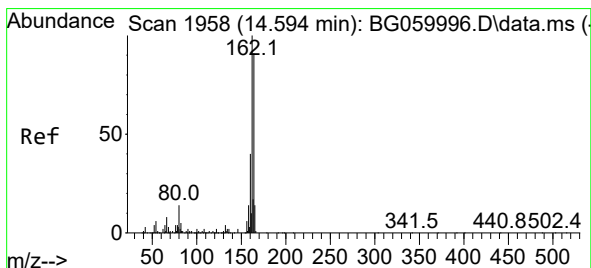
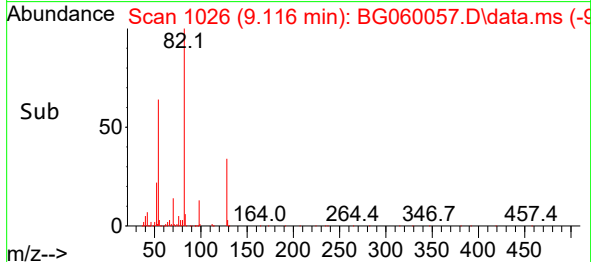
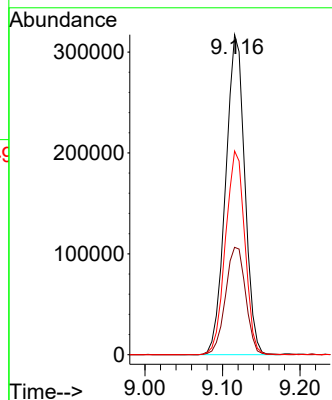
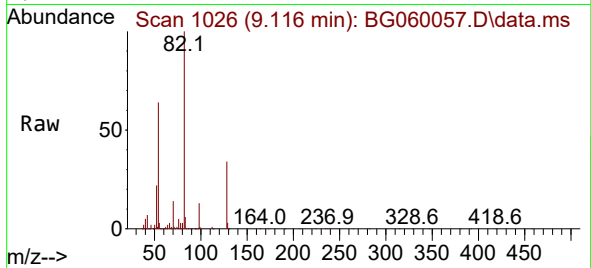




#23
Nitrobenzene-d5
Concen: 87.890 ng
RT: 9.116 min Scan# 1026
Delta R.T. -0.003 min
Lab File: BG060057.D
Acq: 16 Dec 2023 6:03

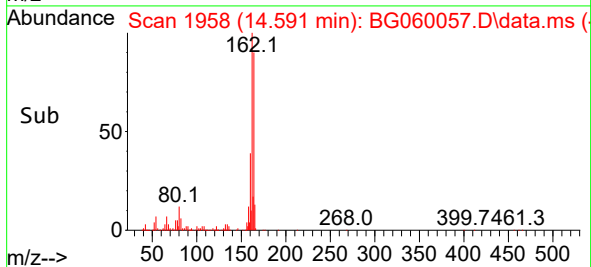
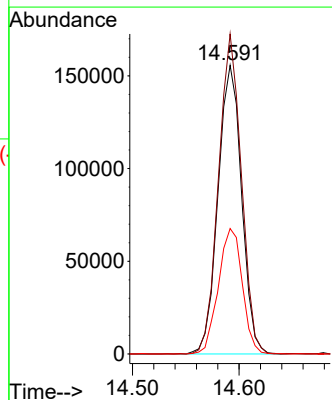
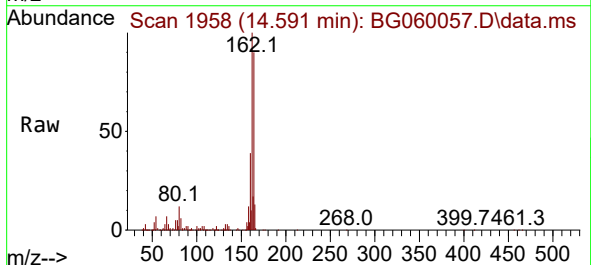
Instrument :
BNA_G
ClientSampleId :
RT-SB-04-14-15

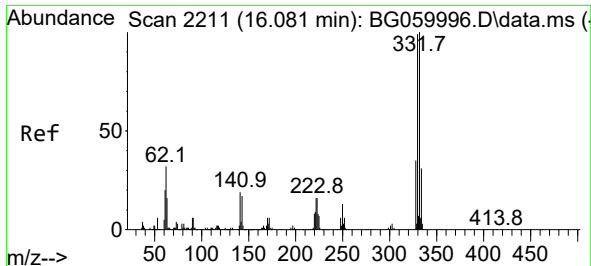
Tgt Ion: 82 Resp: 544900
Ion Ratio Lower Upper
82 100
128 33.5 26.3 39.5
54 63.7 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.591 min Scan# 1958
Delta R.T. -0.003 min
Lab File: BG060057.D
Acq: 16 Dec 2023 6:03

Tgt Ion: 164 Resp: 238857
Ion Ratio Lower Upper
164 100
162 110.9 88.1 132.1
160 43.5 35.4 53.0

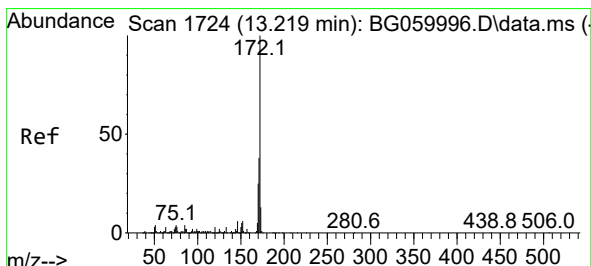
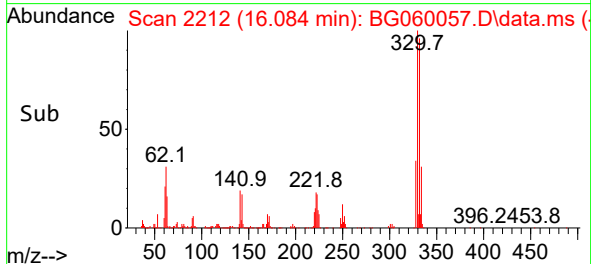
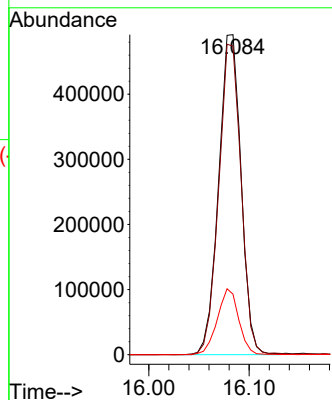
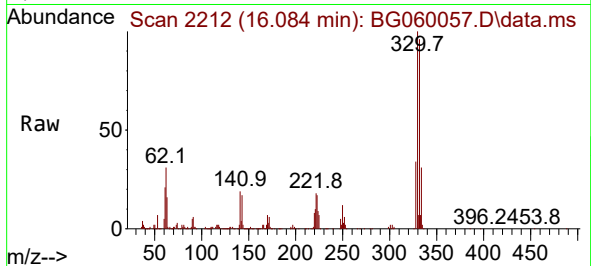




#42
2,4,6-Tribromophenol
Concen: 136.698 ng
RT: 16.084 min Scan# 21
Delta R.T. 0.003 min
Lab File: BG060057.D
Acq: 16 Dec 2023 6:03

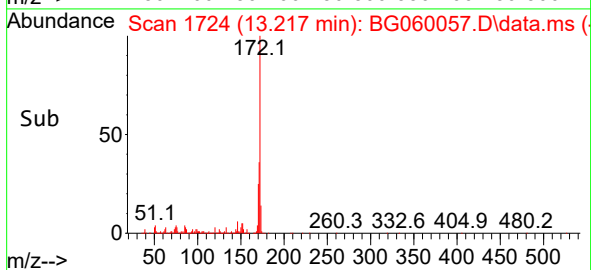
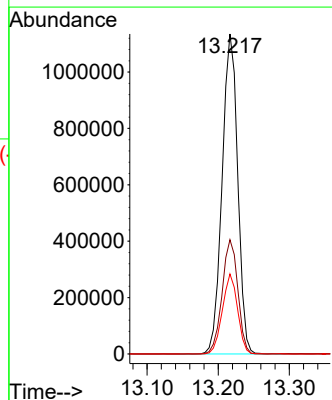
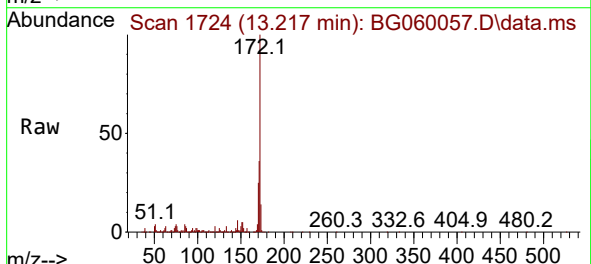
Instrument :
BNA_G
ClientSampleId :
RT-SB-04-14-15

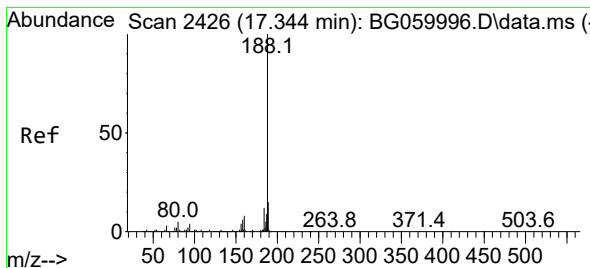
Tgt Ion:330 Resp: 760927
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 19.8 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 88.175 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.003 min
Lab File: BG060057.D
Acq: 16 Dec 2023 6:03

Tgt Ion:172 Resp: 1720827
Ion Ratio Lower Upper
172 100
171 35.7 30.1 45.1
170 25.0 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.341 min Scan# 24

Delta R.T. -0.003 min

Lab File: BG060057.D

Acq: 16 Dec 2023 6:03

Instrument :

BNA_G

ClientSampleId :

RT-SB-04-14-15

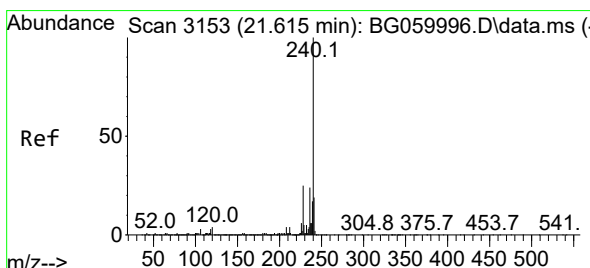
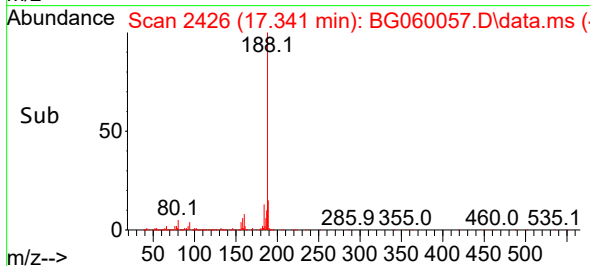
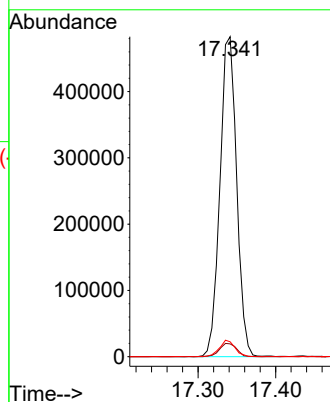
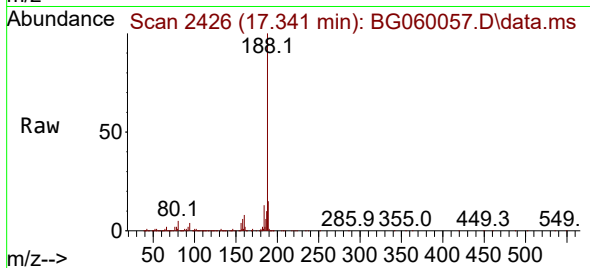
Tgt Ion:188 Resp: 724073

Ion Ratio Lower Upper

188 100

94 4.0 3.0 4.6

80 4.6 4.0 6.0



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.607 min Scan# 3152

Delta R.T. -0.008 min

Lab File: BG060057.D

Acq: 16 Dec 2023 6:03

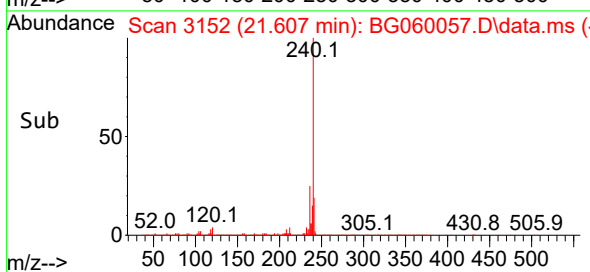
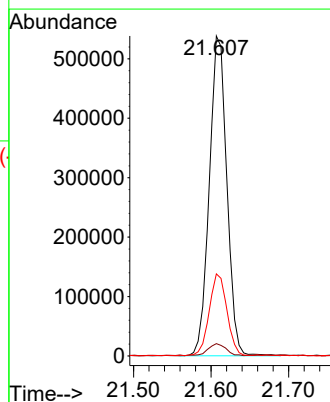
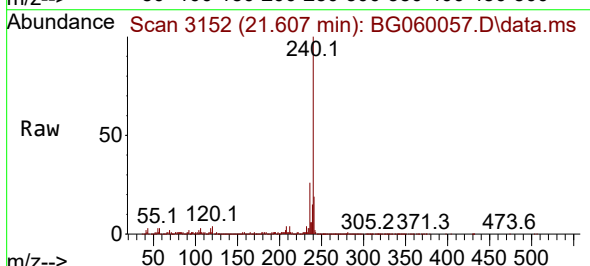
Tgt Ion:240 Resp: 845390

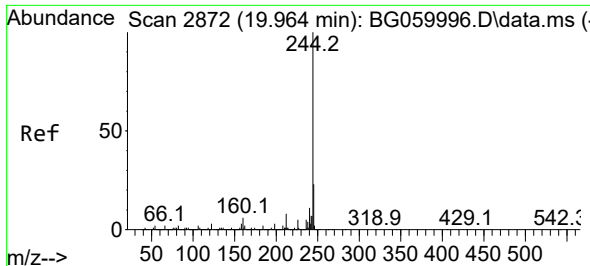
Ion Ratio Lower Upper

240 100

120 3.9 2.9 4.3

236 25.7 19.4 29.2

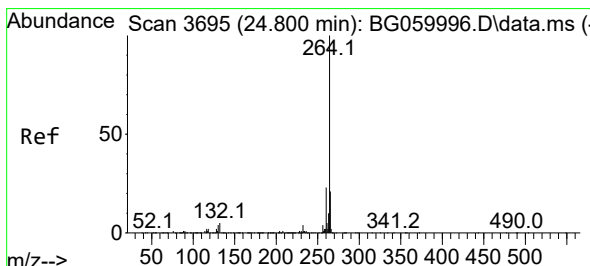
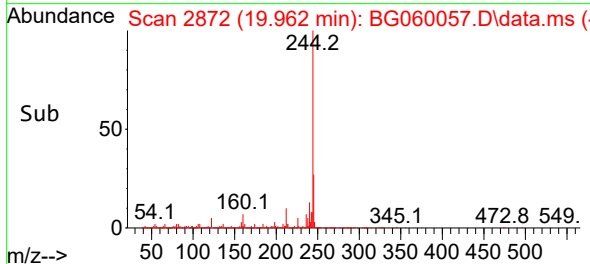
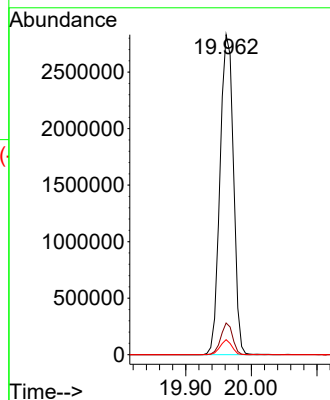
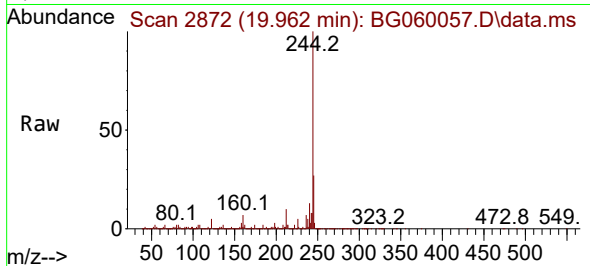




#79
 Terphenyl-d14
 Concen: 86.590 ng
 RT: 19.962 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG060057.D
 Acq: 16 Dec 2023 6:03

Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-04-14-15

Tgt Ion:244 Resp: 4009530
 Ion Ratio Lower Upper
 244 100
 212 9.9 6.8 10.2
 122 4.7 2.6 3.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.797 min Scan# 3695
 Delta R.T. -0.003 min
 Lab File: BG060057.D
 Acq: 16 Dec 2023 6:03

Tgt Ion:264 Resp: 980915
 Ion Ratio Lower Upper
 264 100
 260 22.3 18.5 27.7
 265 20.3 17.3 25.9

