

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121523\
 Data File : BG060031.D
 Acq On : 15 Dec 2023 11:46
 Operator : MA/JU
 Sample : 05827-05
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-08-13.5-14.5

Quant Time: Dec 15 12:45:18 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	7.959	152	60369	20.000	ng	0.00
21) Naphthalene-d8	10.761	136	232065	20.000	ng	# 0.00
39) Acenaphthene-d10	14.592	164	183725	20.000	ng	0.00
64) Phenanthrene-d10	17.342	188	587539	20.000	ng	0.00
76) Chrysene-d12	21.607	240	807158	20.000	ng	# 0.00
86) Perylene-d12	24.798	264	959598	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	539623	153.018	ng	0.00
7) Phenol-d6	7.113	99	639153	128.845	ng	0.00
23) Nitrobenzene-d5	9.116	82	427603	83.669	ng	0.00
42) 2,4,6-Tribromophenol	16.079	330	620811	144.994	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	1348657	89.842	ng	0.00
79) Terphenyl-d14	19.962	244	3826788	86.558	ng	0.00

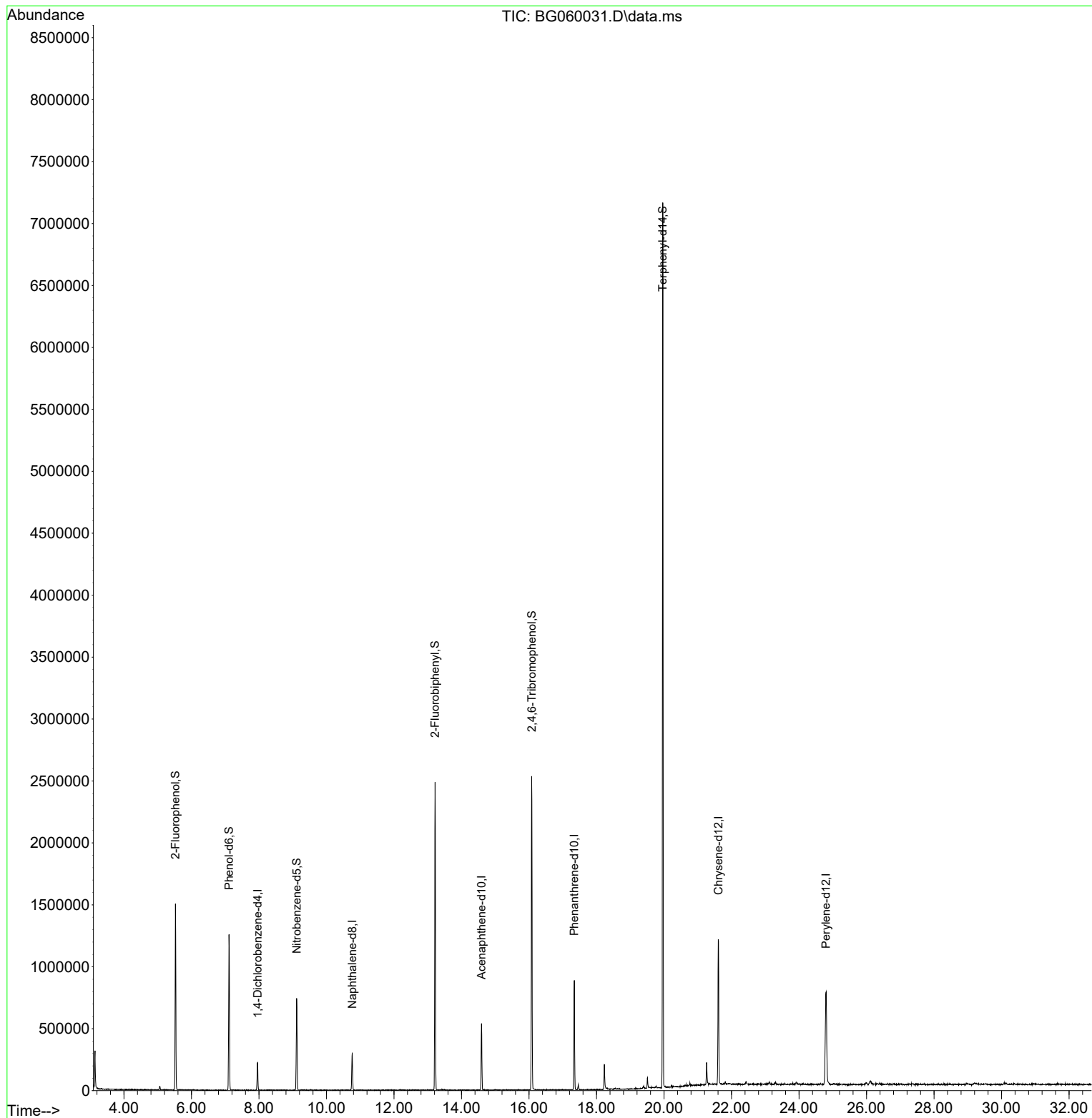
Target Compounds	Qvalue

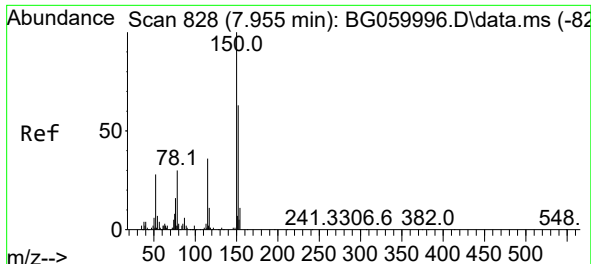
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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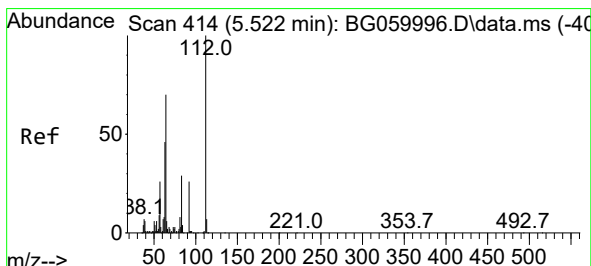
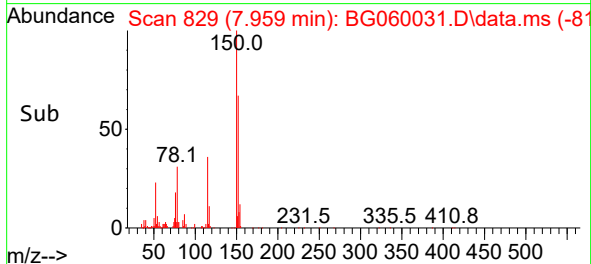
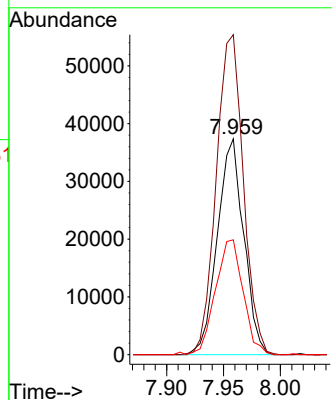
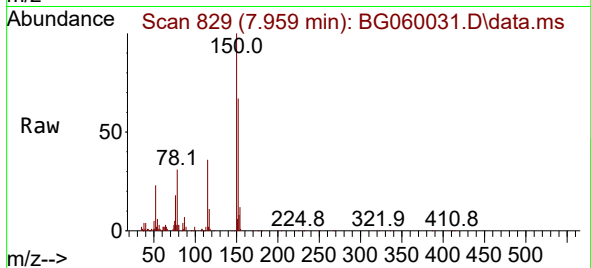




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 81
Delta R.T. 0.004 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

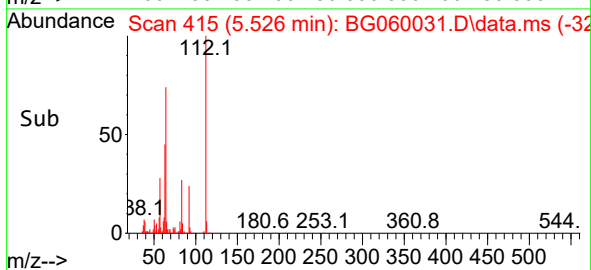
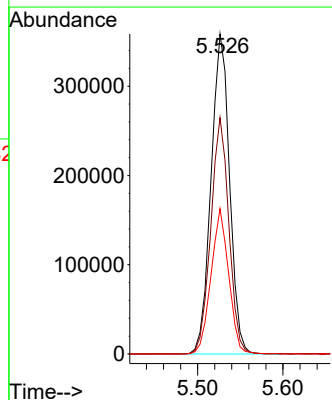
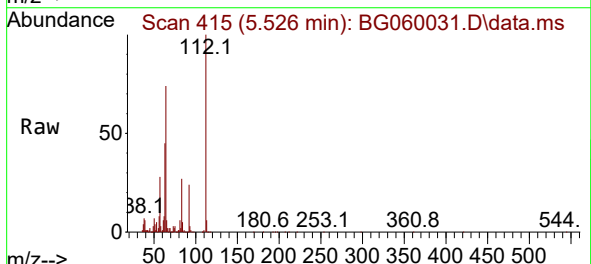
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-13.5-14.5

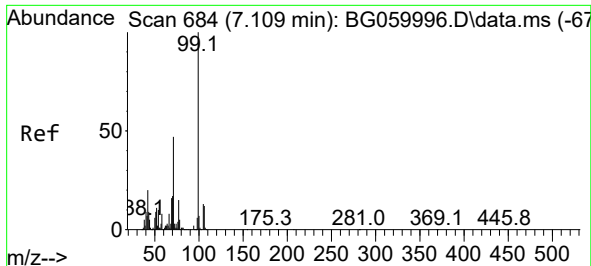
Tgt Ion:152 Resp: 60369
Ion Ratio Lower Upper
152 100
150 148.3 127.0 190.6
115 53.2 45.7 68.5



#5
2-Fluorophenol
Concen: 153.018 ng
RT: 5.526 min Scan# 415
Delta R.T. 0.004 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

Tgt Ion:112 Resp: 539623
Ion Ratio Lower Upper
112 100
64 73.9 55.9 83.9
63 45.4 36.5 54.7

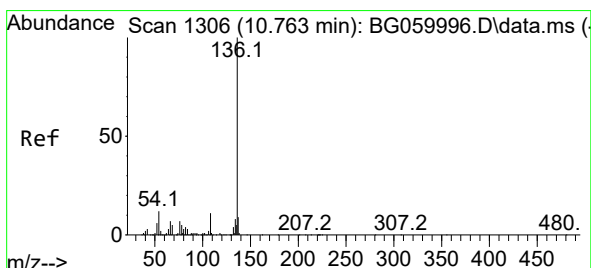
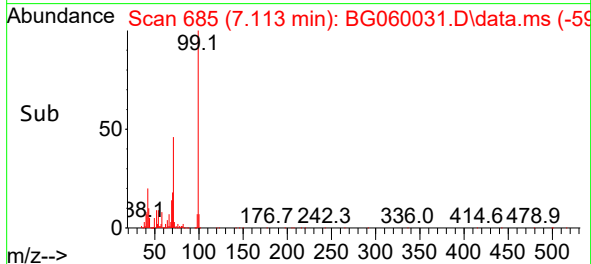
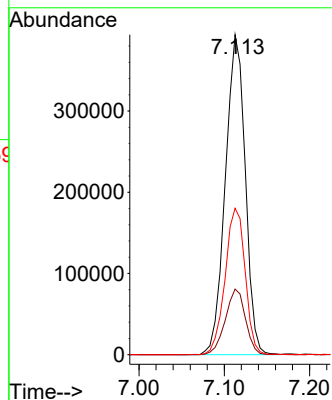
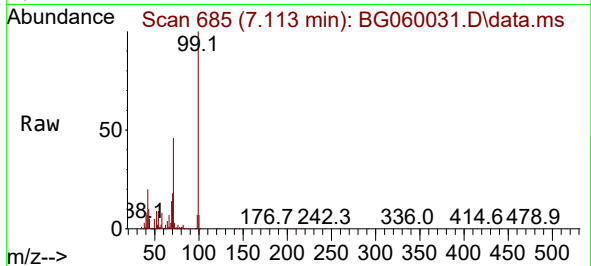




#7
Phenol-d6
Concen: 128.845 ng
RT: 7.113 min Scan# 61
Delta R.T. 0.004 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

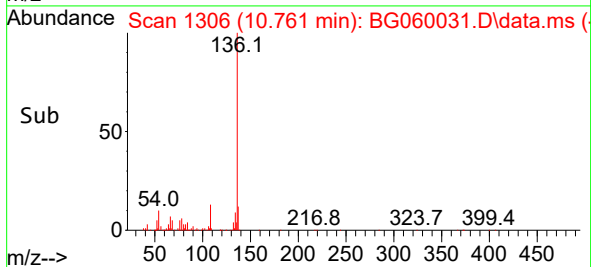
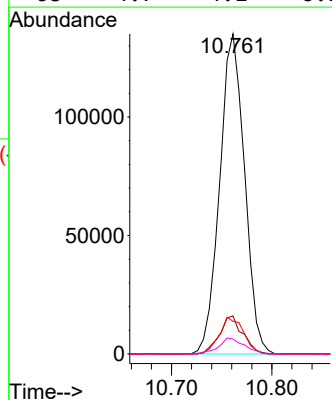
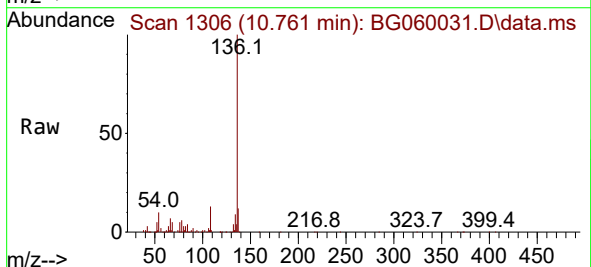
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-13.5-14.5

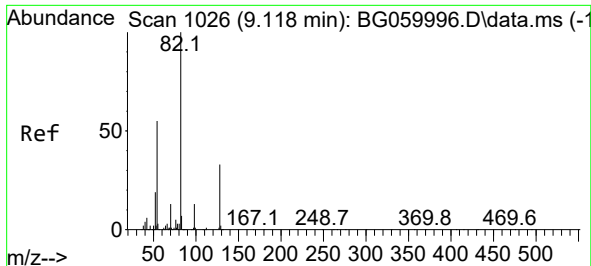
Tgt Ion: 99 Resp: 639153
Ion Ratio Lower Upper
99 100
42 20.5 16.2 24.4
71 45.7 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.761 min Scan# 1306
Delta R.T. -0.002 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

Tgt Ion: 136 Resp: 232065
Ion Ratio Lower Upper
136 100
137 11.9 7.3 10.9#
54 10.2 9.6 14.4
68 4.7 4.1 6.1

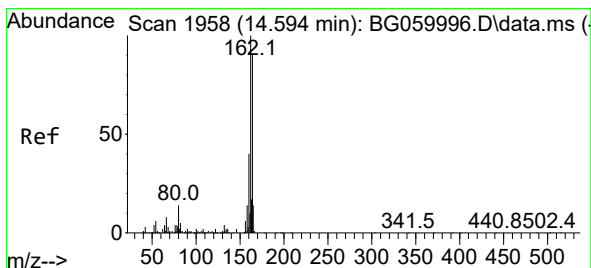
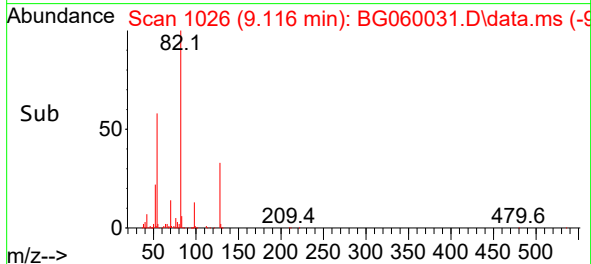
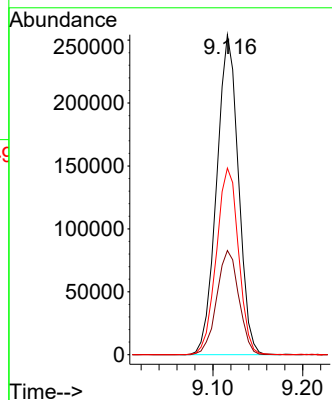
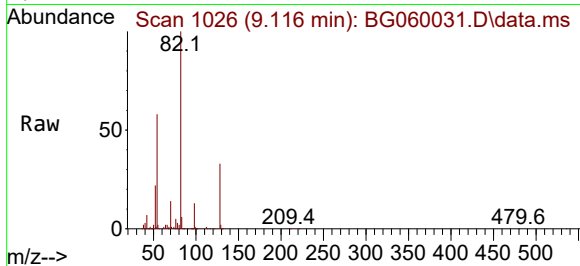




#23
Nitrobenzene-d5
Concen: 83.669 ng
RT: 9.116 min Scan# 1026
Delta R.T. -0.002 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

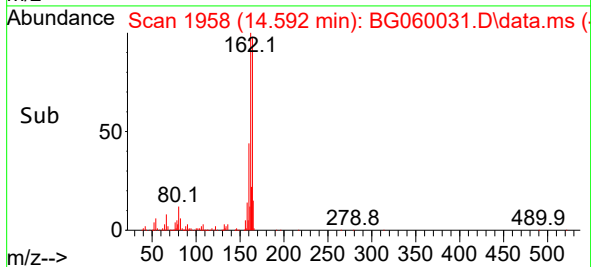
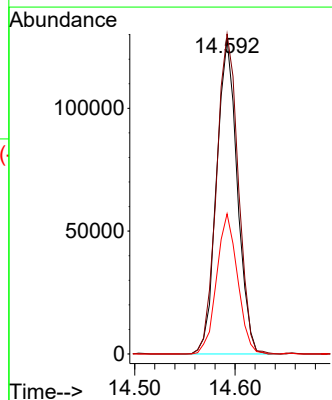
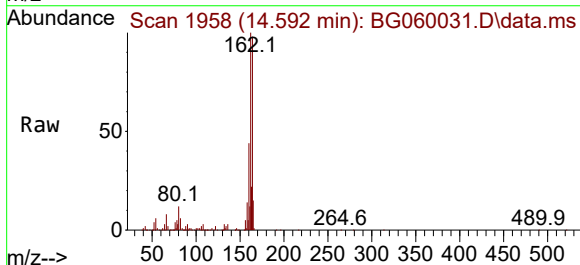
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-13.5-14.5

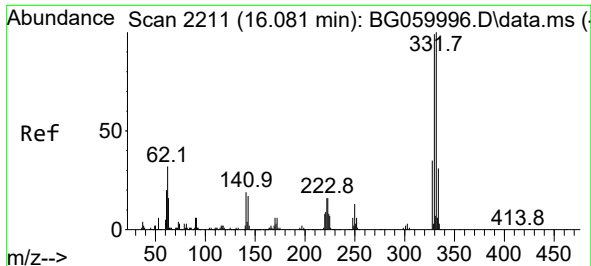
Tgt Ion: 82 Resp: 427603
Ion Ratio Lower Upper
82 100
128 32.5 26.3 39.5
54 58.3 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.592 min Scan# 1958
Delta R.T. -0.002 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

Tgt Ion:164 Resp: 183725
Ion Ratio Lower Upper
164 100
162 101.8 88.1 132.1
160 44.6 35.4 53.0

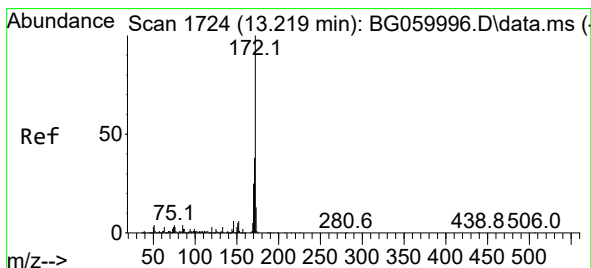
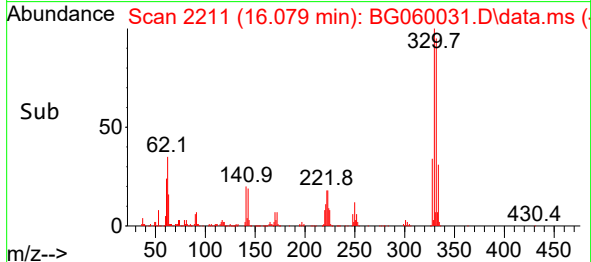
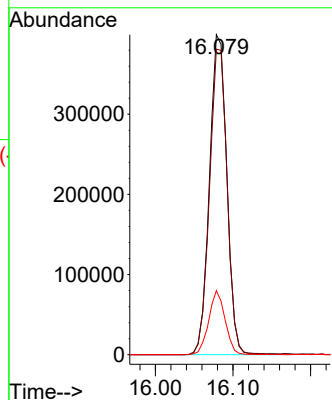
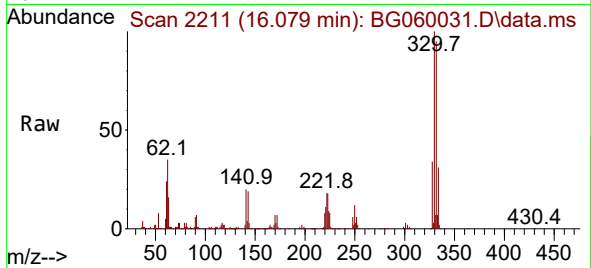




#42
2,4,6-Tribromophenol
Concen: 144.994 ng
RT: 16.079 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

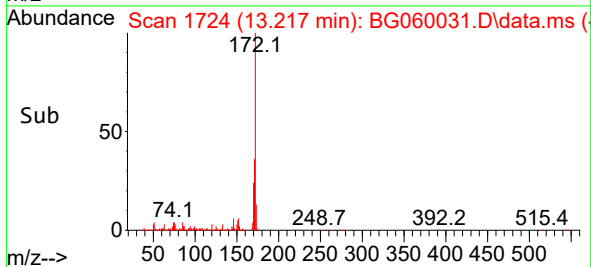
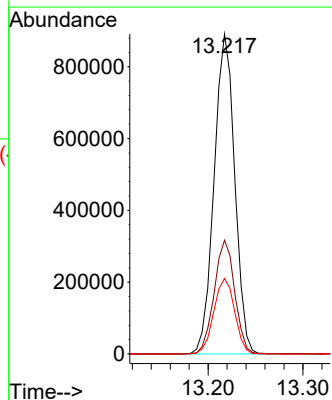
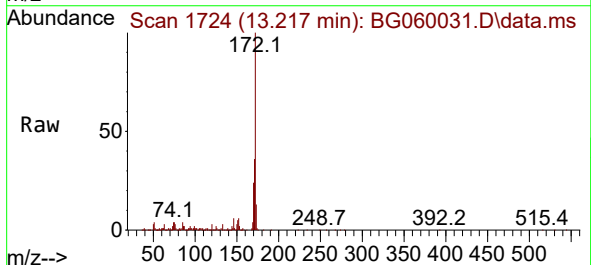
Instrument :
BNA_G
ClientSampleId :
RT-SB-08-13.5-14.5

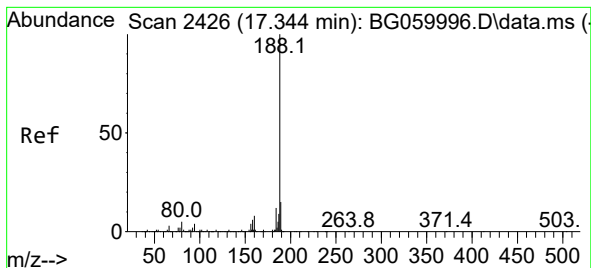
Tgt Ion:330 Resp: 620811
Ion Ratio Lower Upper
330 100
332 96.6 76.2 114.4
141 18.9 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 89.842 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.002 min
Lab File: BG060031.D
Acq: 15 Dec 2023 11:46

Tgt Ion:172 Resp: 1348657
Ion Ratio Lower Upper
172 100
171 35.5 30.1 45.1
170 23.6 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.342 min Scan# 24

Delta R.T. -0.002 min

Lab File: BG060031.D

Acq: 15 Dec 2023 11:46

Instrument :

BNA_G

ClientSampleId :

RT-SB-08-13.5-14.5

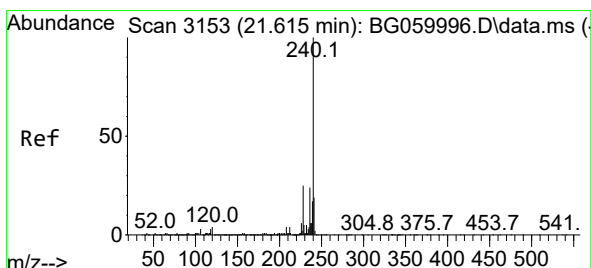
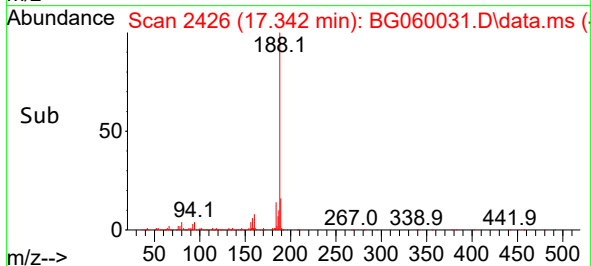
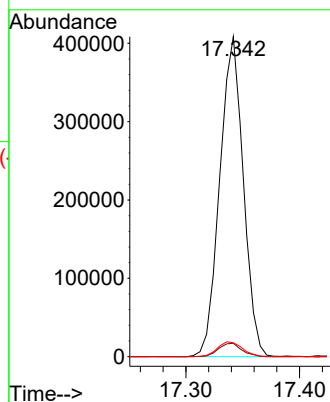
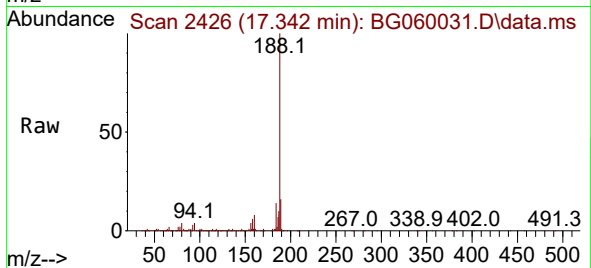
Tgt Ion:188 Resp: 587539

Ion Ratio Lower Upper

188 100

94 4.2 3.0 4.6

80 4.4 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: BG060031.D

Acq: 15 Dec 2023 11:46

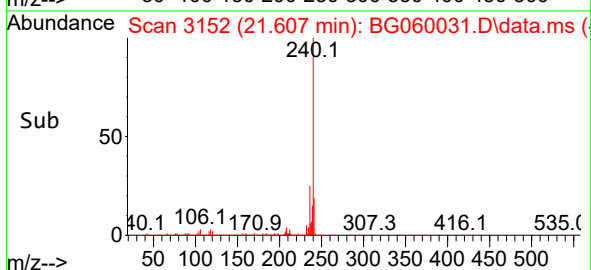
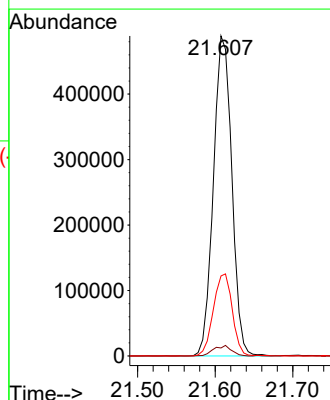
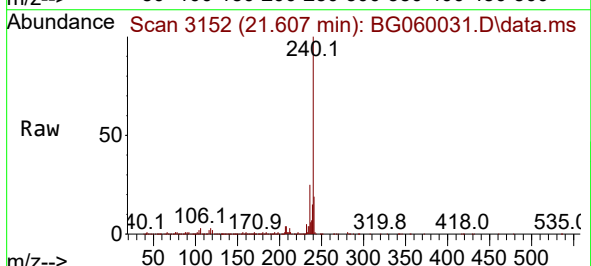
Tgt Ion:240 Resp: 807158

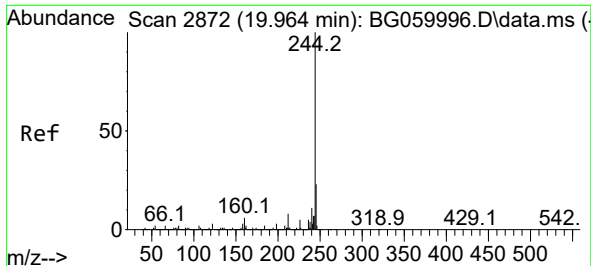
Ion Ratio Lower Upper

240 100

120 2.5 2.9 4.3#

236 25.0 19.4 29.2

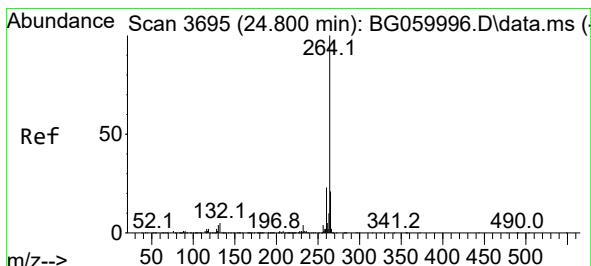
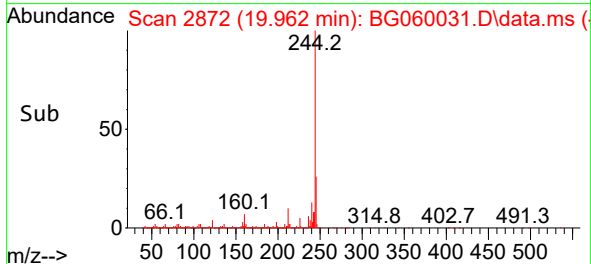
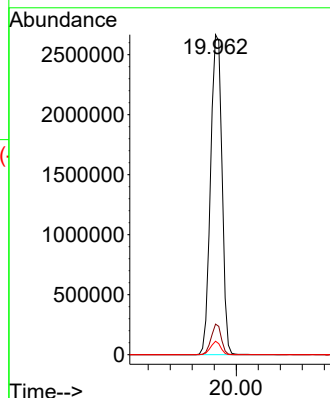
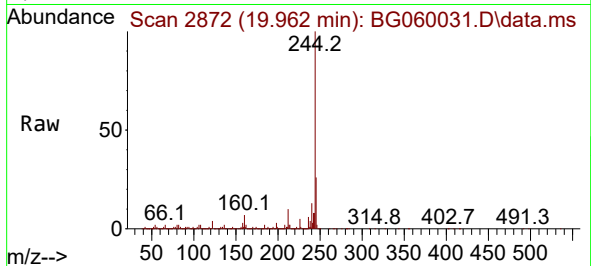




#79
 Terphenyl-d14
 Concen: 86.558 ng
 RT: 19.962 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG060031.D
 Acq: 15 Dec 2023 11:46

Instrument :
 BNA_G
 ClientSampleId :
 RT-SB-08-13.5-14.5

Tgt Ion:244 Resp: 3826788
 Ion Ratio Lower Upper
 244 100
 212 9.5 6.8 10.2
 122 4.2 2.6 3.8#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.798 min Scan# 3695
 Delta R.T. -0.002 min
 Lab File: BG060031.D
 Acq: 15 Dec 2023 11:46

Tgt Ion:264 Resp: 959598
 Ion Ratio Lower Upper
 264 100
 260 22.4 18.5 27.7
 265 20.0 17.3 25.9

