

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121423\
 Data File : BG060025.D
 Acq On : 14 Dec 2023 23:46
 Operator : MA/JU
 Sample : 05632-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RW1

Quant Time: Dec 15 02:40:54 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	7.956	152	94783	20.000	ng	0.00
21) Naphthalene-d8	10.759	136	361432	20.000	ng	0.00
39) Acenaphthene-d10	14.589	164	286316	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	912769	20.000	ng	# 0.00
76) Chrysene-d12	21.611	240	813252	20.000	ng	0.00
86) Perylene-d12	24.795	264	966743	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.529	112	290717	52.506	ng	0.00
7) Phenol-d6	7.110	99	269138	34.556	ng	0.00
23) Nitrobenzene-d5	9.113	82	660477	82.978	ng	0.00
42) 2,4,6-Tribromophenol	16.082	330	915705	137.236	ng	0.00
45) 2-Fluorobiphenyl	13.220	172	1897961	81.131	ng	0.00
79) Terphenyl-d14	19.965	244	3815888	85.665	ng	0.00

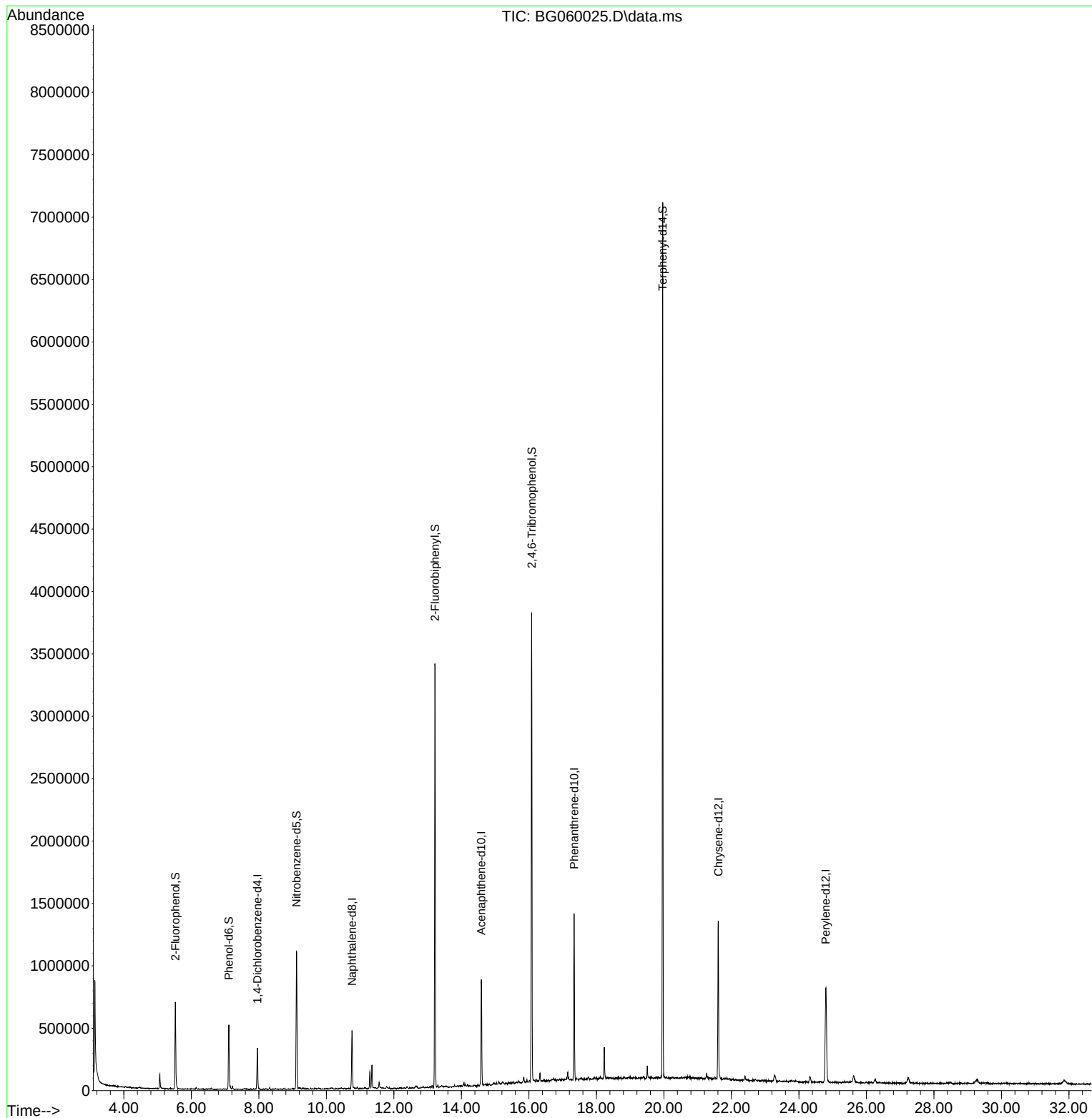
Target Compounds	Qvalue

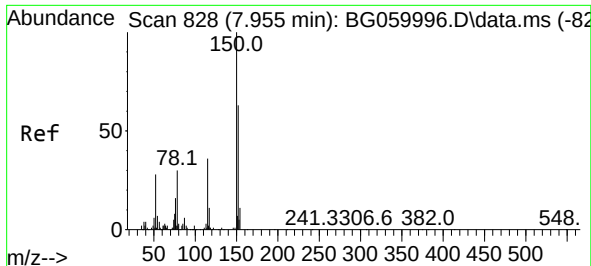
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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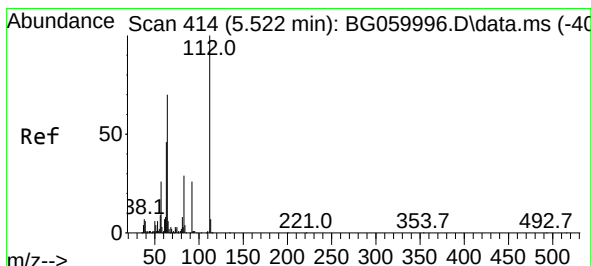
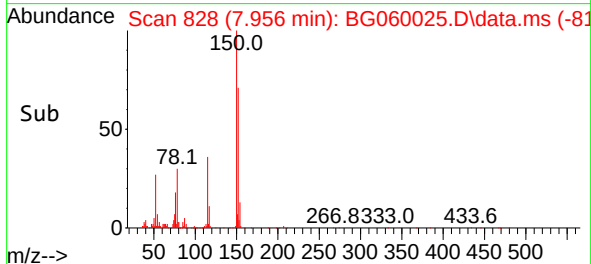
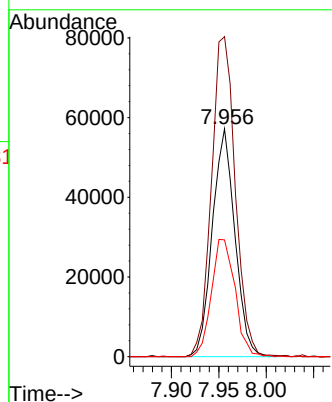
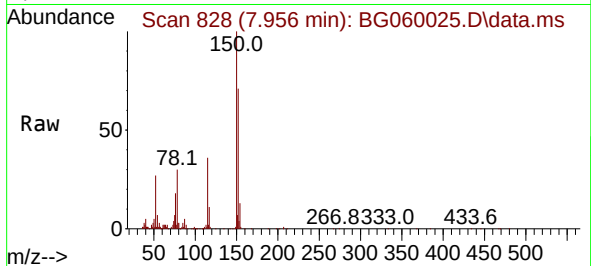




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.956 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BG060025.D
 Acq: 14 Dec 2023 23:46

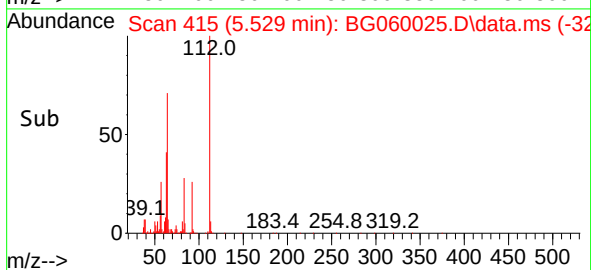
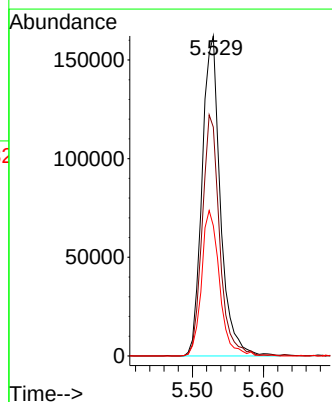
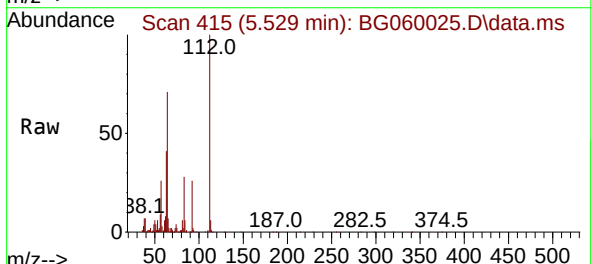
Instrument :
 BNA_G
 ClientSampleId :
 RW1

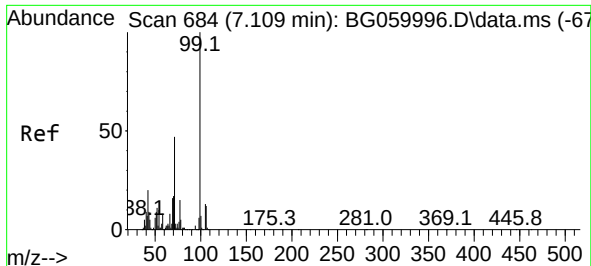
Tgt Ion:152 Resp: 94783
 Ion Ratio Lower Upper
 152 100
 150 140.5 127.0 190.6
 115 51.3 45.7 68.5



#5
 2-Fluorophenol
 Concen: 52.506 ng
 RT: 5.529 min Scan# 415
 Delta R.T. 0.007 min
 Lab File: BG060025.D
 Acq: 14 Dec 2023 23:46

Tgt Ion:112 Resp: 290717
 Ion Ratio Lower Upper
 112 100
 64 71.5 55.9 83.9
 63 40.7 36.5 54.7

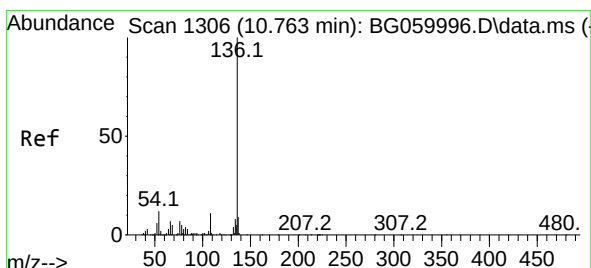
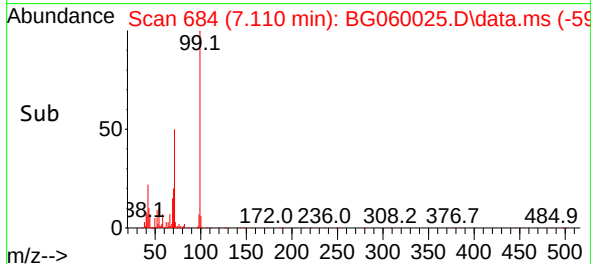
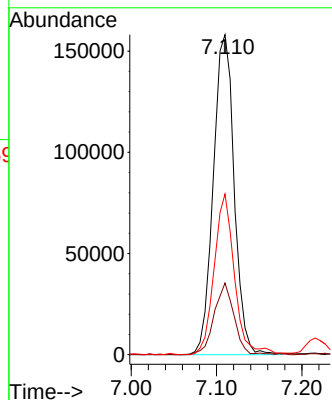
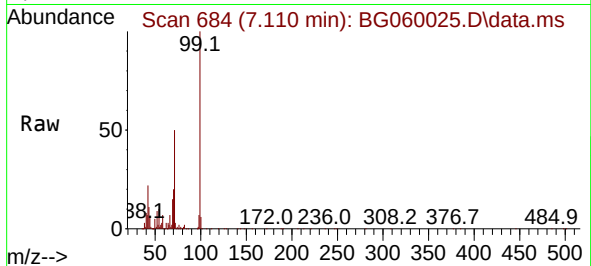




#7
Phenol-d6
Concen: 34.556 ng
RT: 7.110 min Scan# 61
Delta R.T. 0.001 min
Lab File: BG060025.D
Acq: 14 Dec 2023 23:46

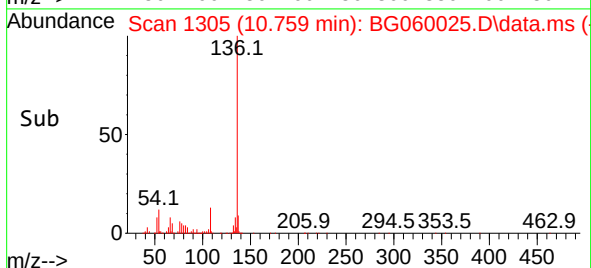
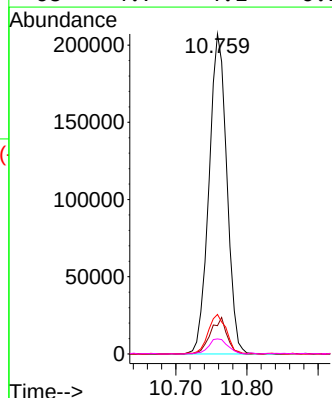
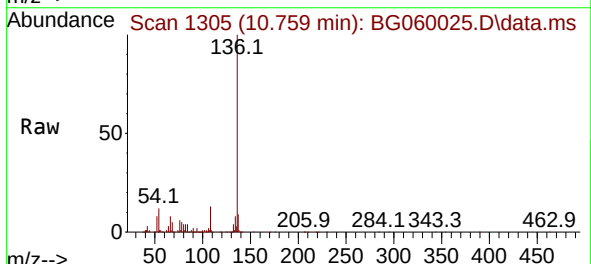
Instrument :
BNA_G
ClientSampleId :
RW1

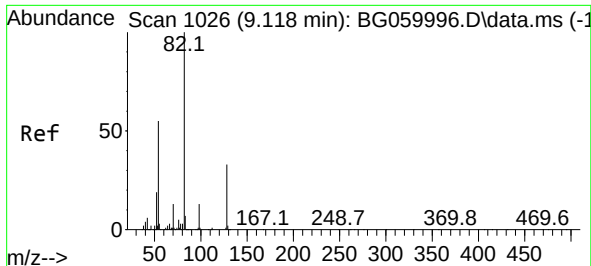
Tgt Ion: 99 Resp: 269138
Ion Ratio Lower Upper
99 100
42 22.4 16.2 24.4
71 50.2 37.6 56.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.759 min Scan# 1305
Delta R.T. -0.005 min
Lab File: BG060025.D
Acq: 14 Dec 2023 23:46

Tgt Ion: 136 Resp: 361432
Ion Ratio Lower Upper
136 100
137 8.8 7.3 10.9
54 12.4 9.6 14.4
68 4.7 4.1 6.1

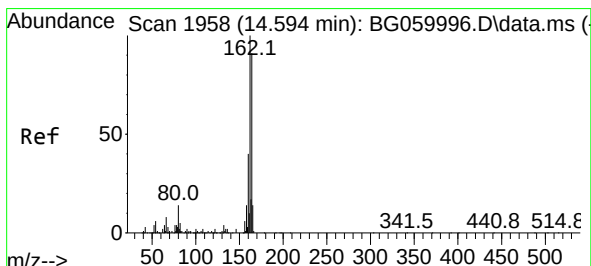
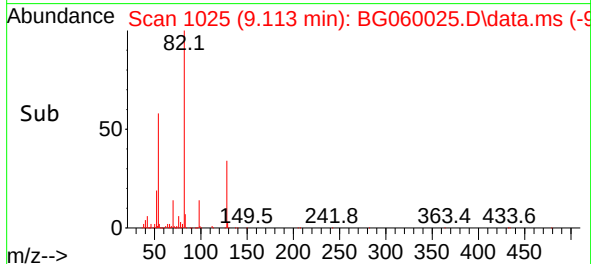
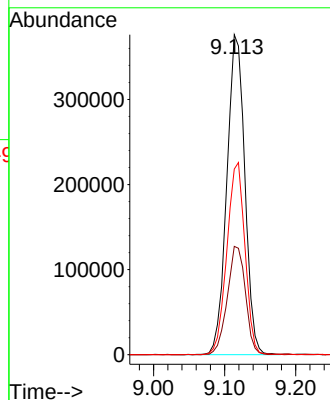
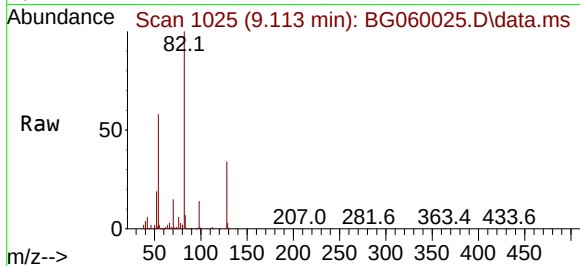




#23
Nitrobenzene-d5
Concen: 82.978 ng
RT: 9.113 min Scan# 1026
Delta R.T. -0.005 min
Lab File: BG060025.D
Acq: 14 Dec 2023 23:46

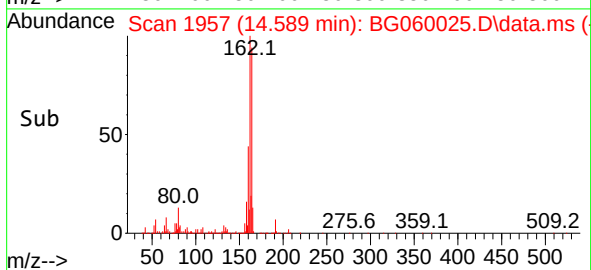
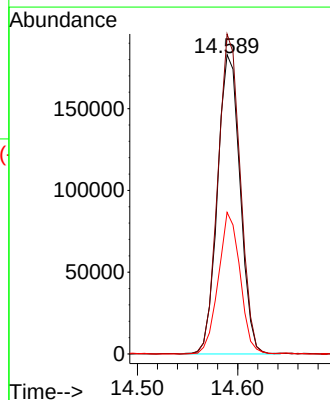
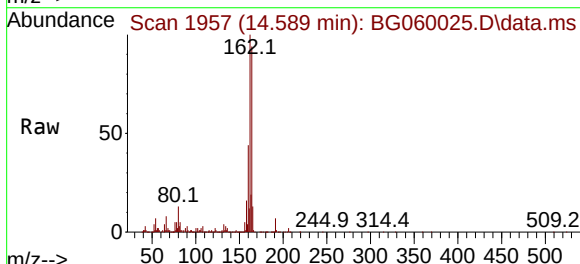
Instrument :
BNA_G
ClientSampleId :
RW1

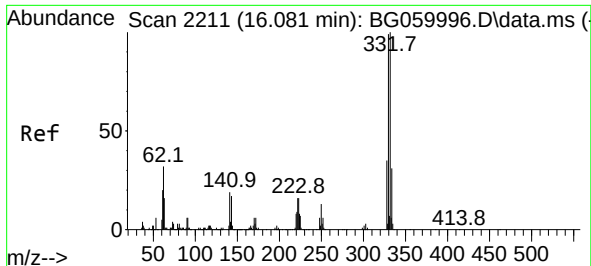
Tgt Ion: 82 Resp: 660477
Ion Ratio Lower Upper
82 100
128 33.9 26.3 39.5
54 58.0 44.3 66.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.589 min Scan# 1957
Delta R.T. -0.005 min
Lab File: BG060025.D
Acq: 14 Dec 2023 23:46

Tgt Ion: 164 Resp: 286316
Ion Ratio Lower Upper
164 100
162 106.9 88.1 132.1
160 47.3 35.4 53.0

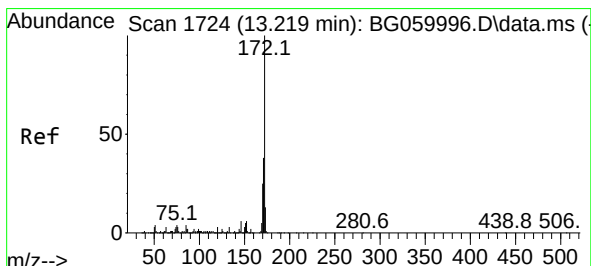
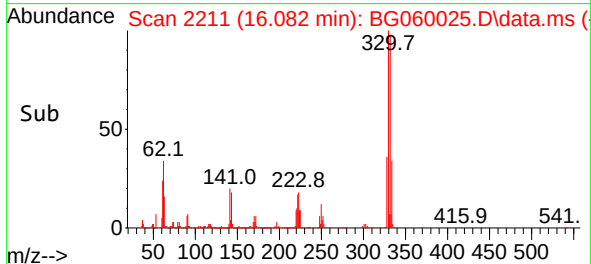
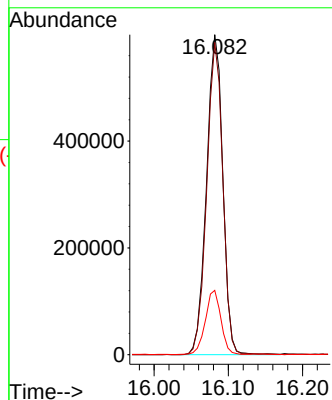
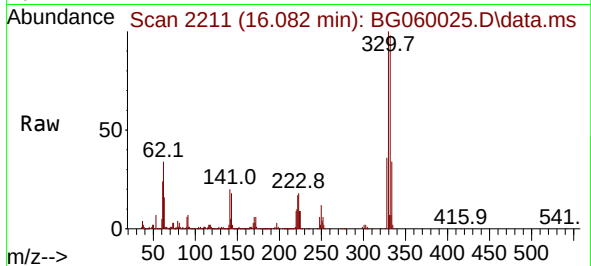




#42
2,4,6-Tribromophenol
Concen: 137.236 ng
RT: 16.082 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG060025.D
Acq: 14 Dec 2023 23:46

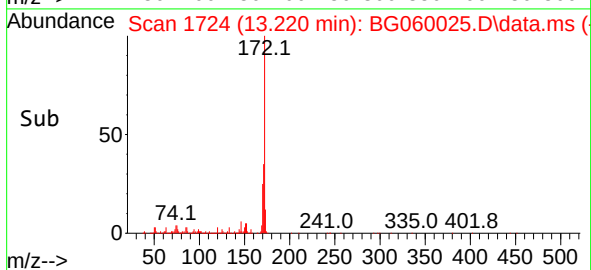
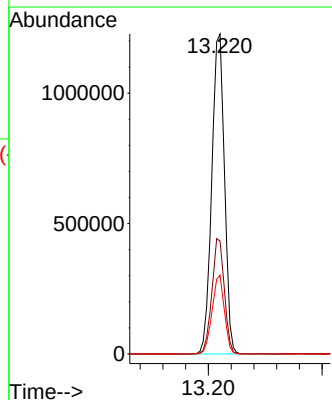
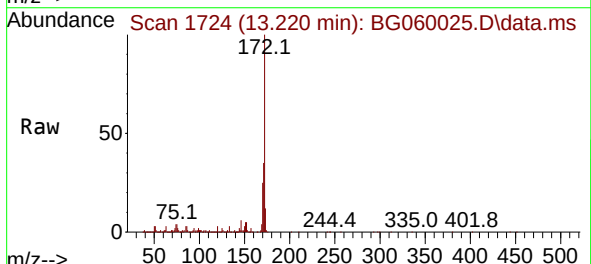
Instrument :
BNA_G
ClientSampleId :
RW1

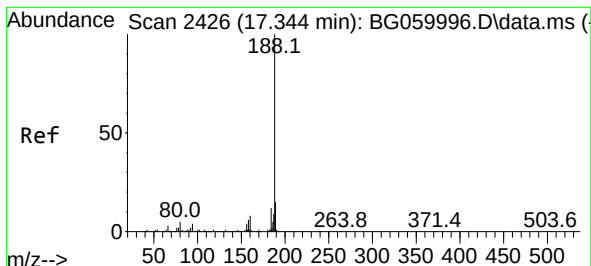
Tgt Ion:330 Resp: 915705
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 19.1 14.3 21.5



#45
2-Fluorobiphenyl
Concen: 81.131 ng
RT: 13.220 min Scan# 1724
Delta R.T. 0.001 min
Lab File: BG060025.D
Acq: 14 Dec 2023 23:46

Tgt Ion:172 Resp: 1897961
Ion Ratio Lower Upper
172 100
171 35.3 30.1 45.1
170 24.6 20.0 30.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.339 min Scan# 24

Delta R.T. -0.005 min

Lab File: BG060025.D

Acq: 14 Dec 2023 23:46

Instrument :

BNA_G

ClientSampleId :

RW1

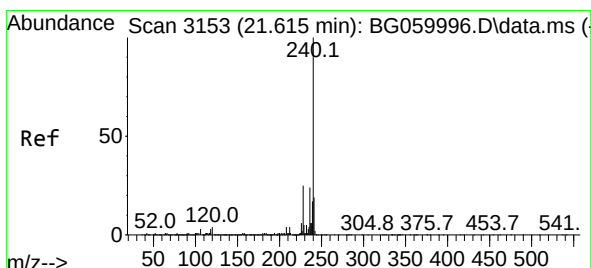
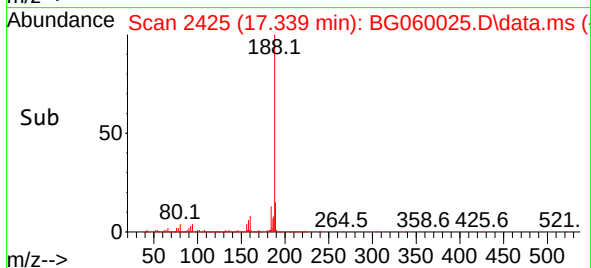
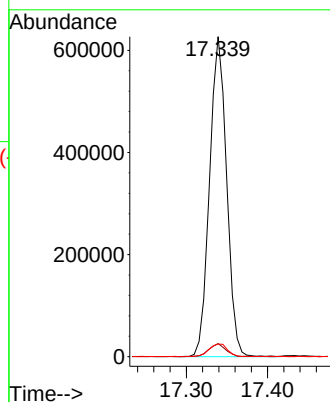
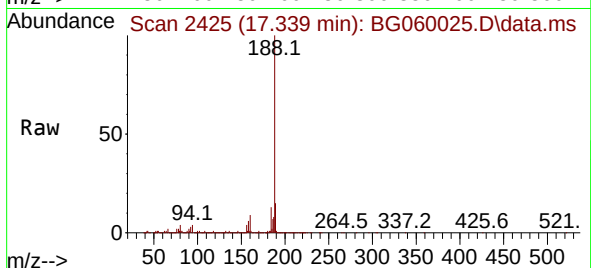
Tgt Ion:188 Resp: 912769

Ion Ratio Lower Upper

188 100

94 4.1 3.0 4.6

80 3.9 4.0 6.0#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.611 min Scan# 3152

Delta R.T. -0.005 min

Lab File: BG060025.D

Acq: 14 Dec 2023 23:46

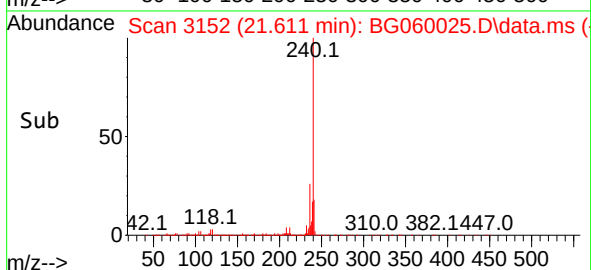
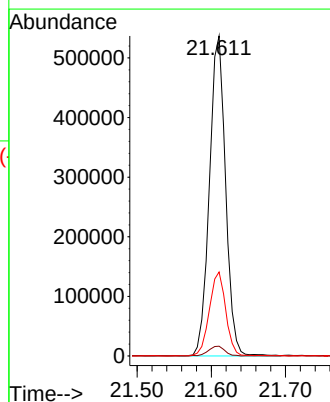
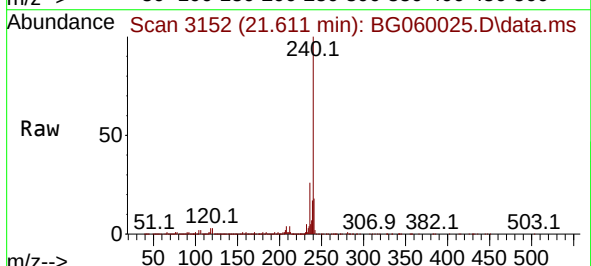
Tgt Ion:240 Resp: 813252

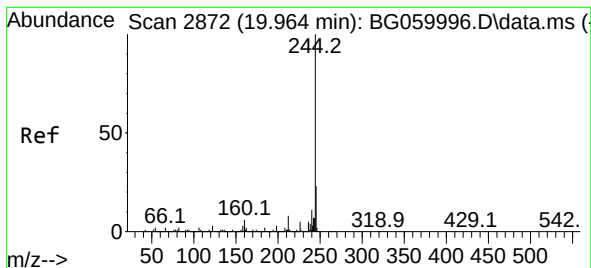
Ion Ratio Lower Upper

240 100

120 3.1 2.9 4.3

236 26.3 19.4 29.2





#79

Terphenyl-d14

Concen: 85.665 ng

RT: 19.965 min Scan# 21

Delta R.T. 0.001 min

Lab File: BG060025.D

Acq: 14 Dec 2023 23:46

Instrument :

BNA_G

ClientSampleId :

RW1

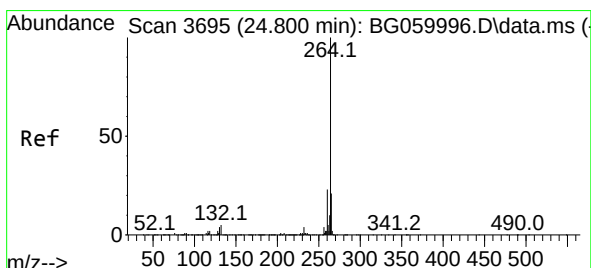
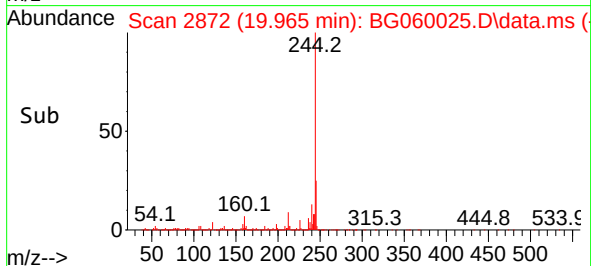
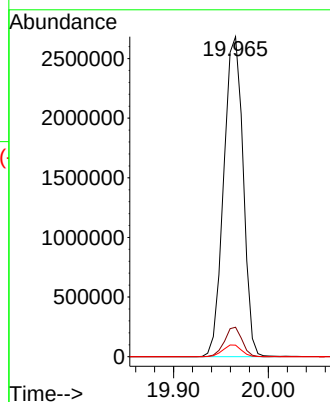
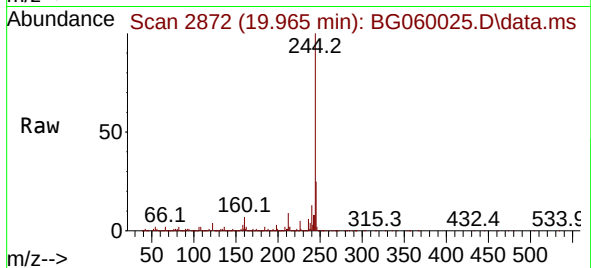
Tgt Ion:244 Resp: 3815888

Ion Ratio Lower Upper

244 100

212 9.2 6.8 10.2

122 3.6 2.6 3.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.795 min Scan# 3694

Delta R.T. -0.005 min

Lab File: BG060025.D

Acq: 14 Dec 2023 23:46

Tgt Ion:264 Resp: 966743

Ion Ratio Lower Upper

264 100

260 22.9 18.5 27.7

265 21.1 17.3 25.9

