

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
 Data File : BG060933.D
 Acq On : 18 Apr 2024 12:28
 Operator : MA/JU
 Sample : PB160330BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160330BL

Quant Time: Apr 18 13:07:21 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 18 02:02:19 2024
 Response via : Initial Calibration

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

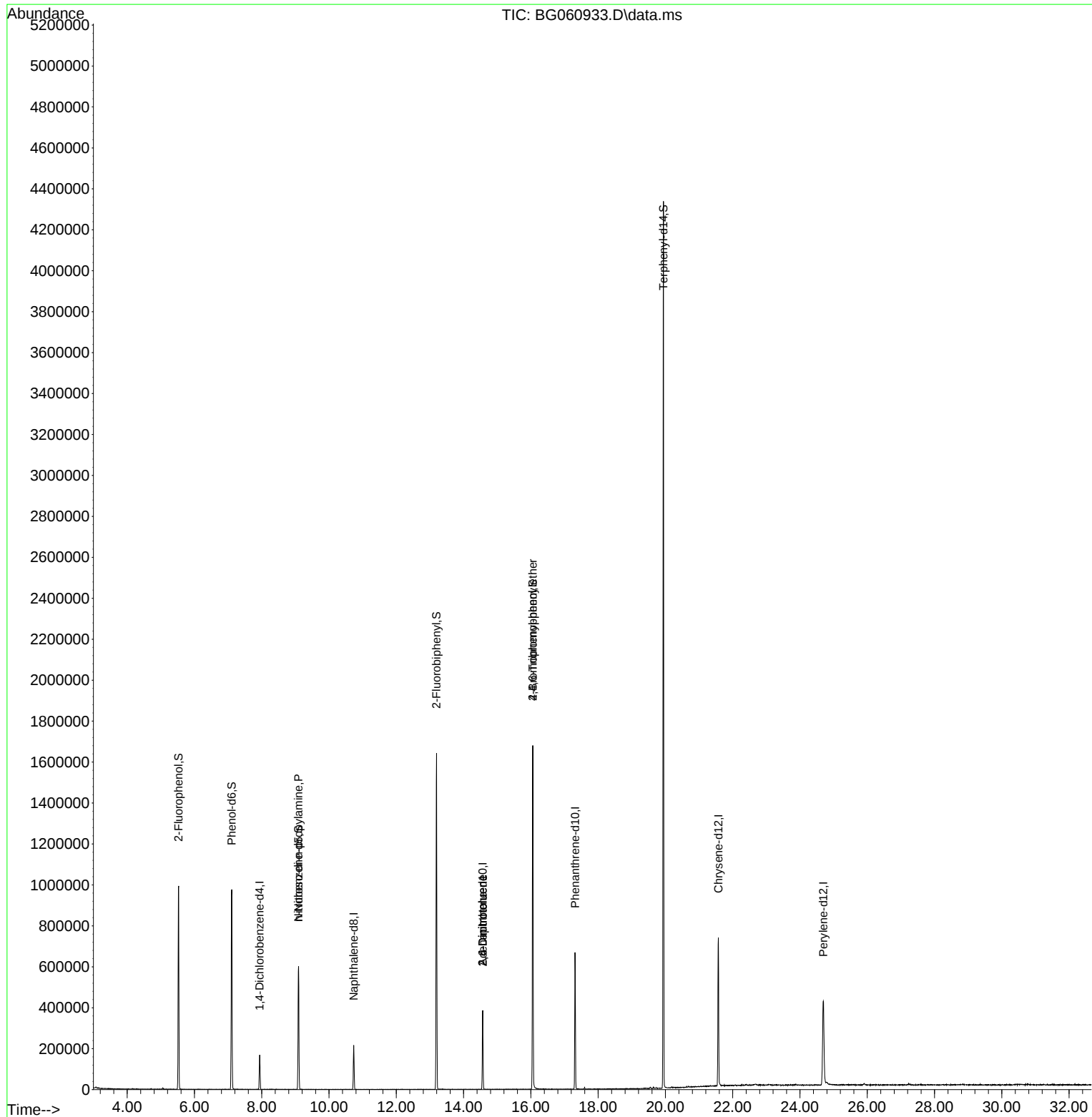
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.936	152	44683	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	166871	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	144161	20.000	ng	0.00
64) Phenanthrene-d10	17.313	188	418575	20.000	ng	0.00
76) Chrysene-d12	21.573	240	439515	20.000	ng	0.00
86) Perylene-d12	24.693	264	498815	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	374155	145.446	ng	0.00
7) Phenol-d6	7.107	99	506124	136.575	ng	0.00
23) Nitrobenzene-d5	9.093	82	339043	92.238	ng	0.00
42) 2,4,6-Tribromophenol	16.056	330	345730	145.168	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	854569	86.989	ng	0.00
79) Terphenyl-d14	19.939	244	2157477	85.670	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	9.093	70	45821	16.233	ng	# 71
51) 2,6-Dinitrotoluene	14.569	165	18374	7.880	ng	# 20
57) 2,4-Dinitrotoluene	14.569	165	18374	5.515	ng	# 22
67) 4-Bromophenyl-phenylether	16.056	248	24001	5.119	ng	# 1

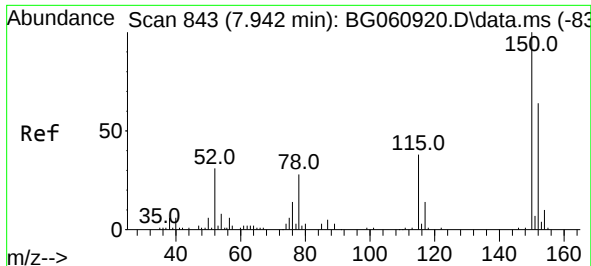
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041824\
Data File : BG060933.D
Acq On : 18 Apr 2024 12:28
Operator : MA/JU
Sample : PB160330BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160330BL

Quant Time: Apr 18 13:07:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 18 02:02:19 2024
Response via : Initial Calibration

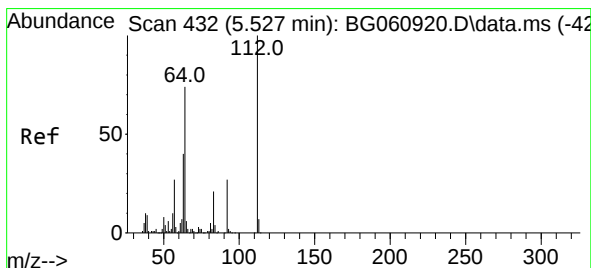
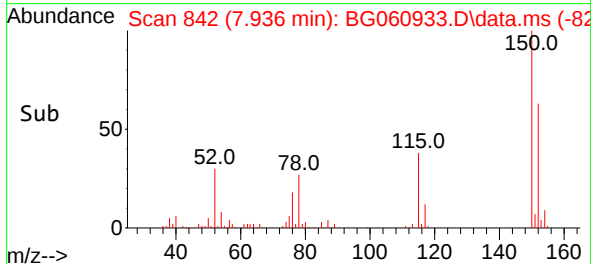
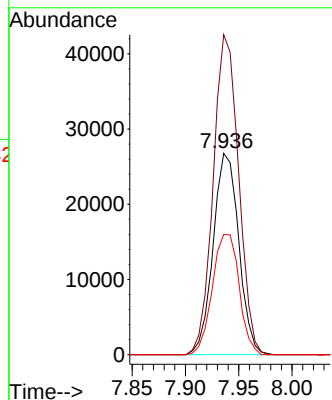
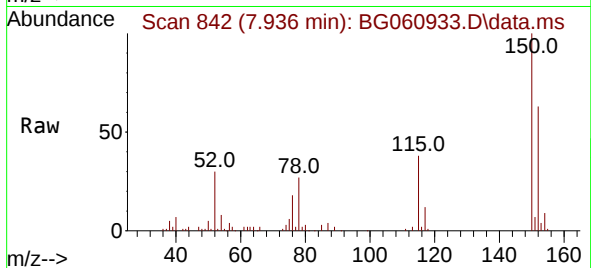




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.936 min Scan# 843
 Delta R.T. -0.006 min
 Lab File: BG060933.D
 Acq: 18 Apr 2024 12:28

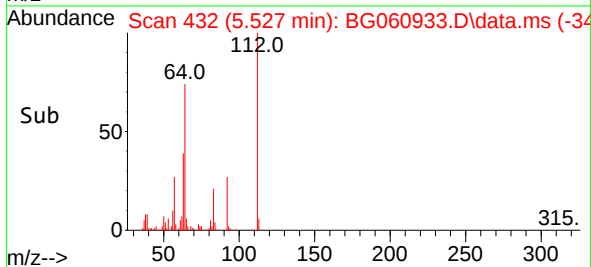
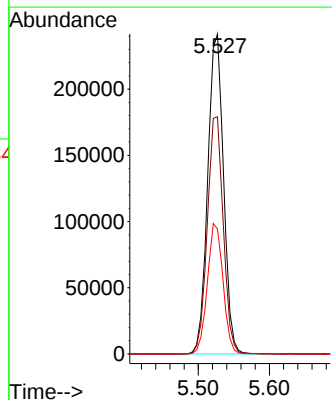
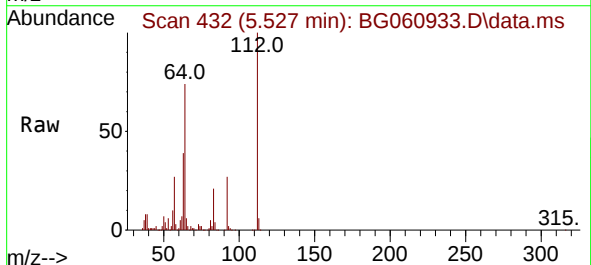
Instrument :
 BNA_G
 ClientSampleId :
 PB160330BL

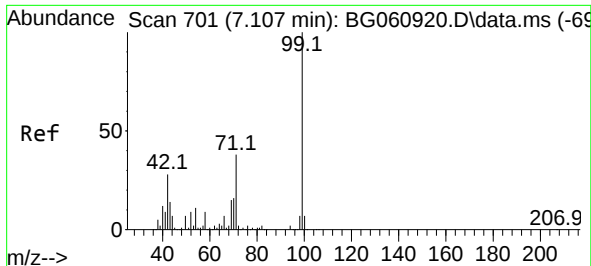
Tgt Ion:152 Resp: 44683
 Ion Ratio Lower Upper
 152 100
 150 158.9 125.6 188.4
 115 59.7 47.1 70.7



#5
 2-Fluorophenol
 Concen: 145.446 ng
 RT: 5.527 min Scan# 432
 Delta R.T. 0.000 min
 Lab File: BG060933.D
 Acq: 18 Apr 2024 12:28

Tgt Ion:112 Resp: 374155
 Ion Ratio Lower Upper
 112 100
 64 74.1 58.9 88.3
 63 39.1 32.1 48.1

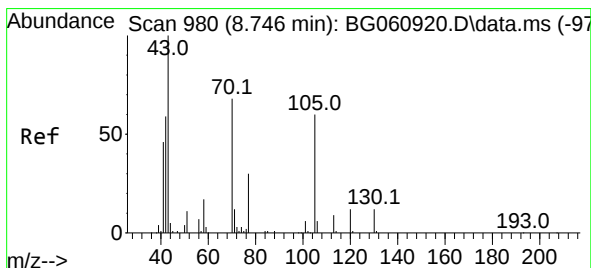
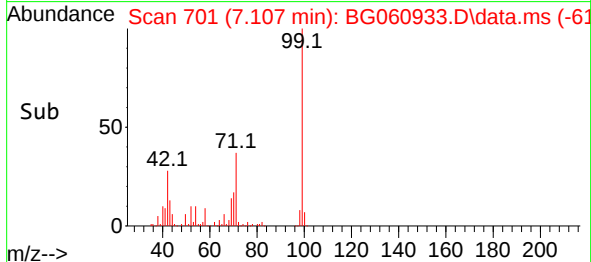
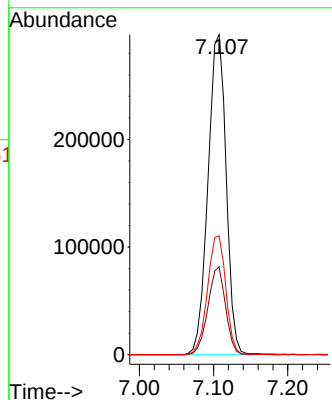
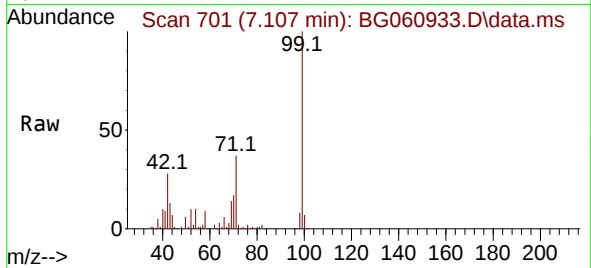




#7
Phenol-d6
Concen: 136.575 ng
RT: 7.107 min Scan# 701
Delta R.T. 0.000 min
Lab File: BG060933.D
Acq: 18 Apr 2024 12:28

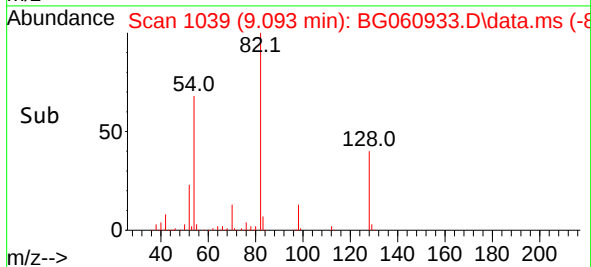
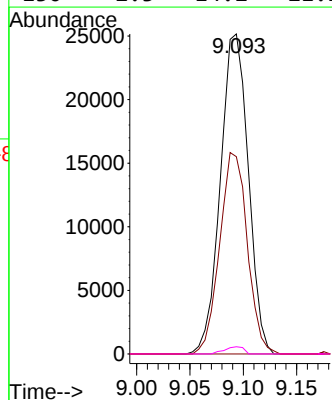
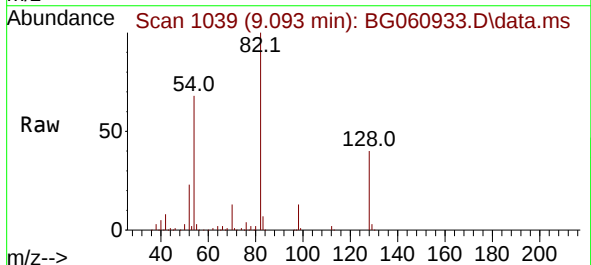
Instrument :
BNA_G
ClientSampleId :
PB160330BL

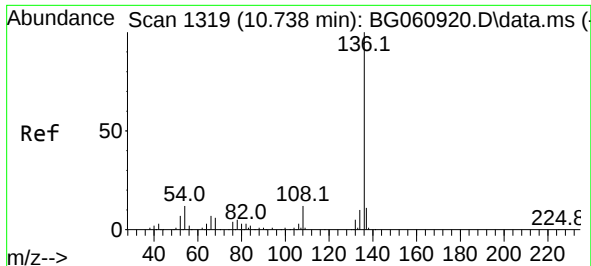
Tgt Ion: 99 Resp: 506124
Ion Ratio Lower Upper
99 100
42 27.5 22.2 33.2
71 37.2 30.5 45.7



#19
n-Nitroso-di-n-propylamine
Concen: 16.233 ng
RT: 9.093 min Scan# 1039
Delta R.T. 0.347 min
Lab File: BG060933.D
Acq: 18 Apr 2024 12:28

Tgt Ion: 70 Resp: 45821
Ion Ratio Lower Upper
70 100
42 61.6 70.9 106.3#
101 0.0 7.0 10.4#
130 2.3 14.2 21.2#

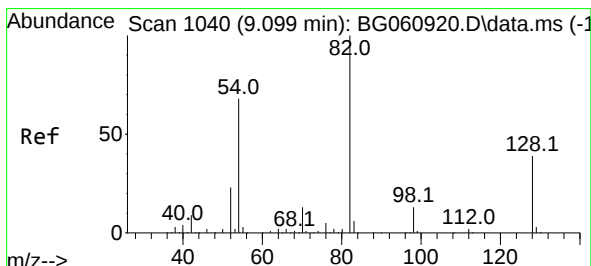
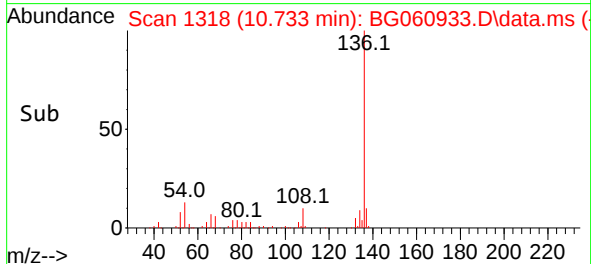
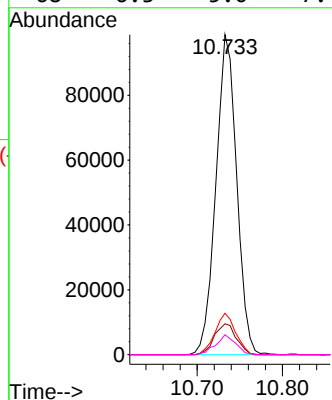
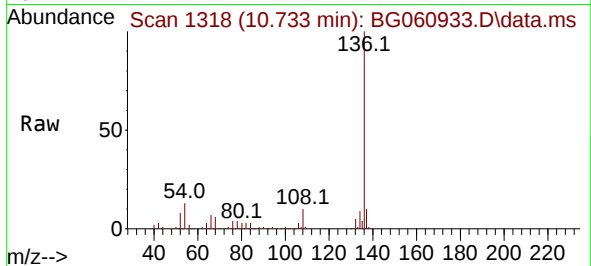




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 11
Delta R.T. -0.006 min
Lab File: BG060933.D
Acq: 18 Apr 2024 12:28

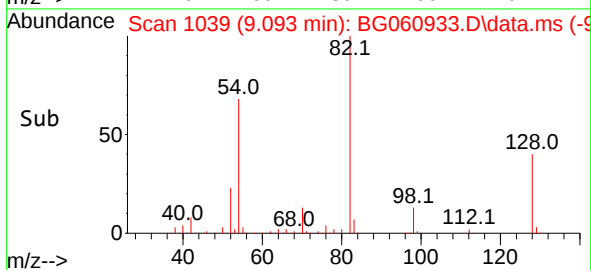
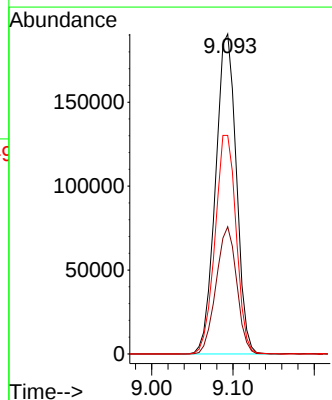
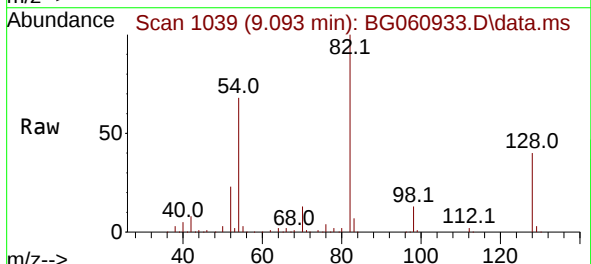
Instrument :
BNA_G
ClientSampleId :
PB160330BL

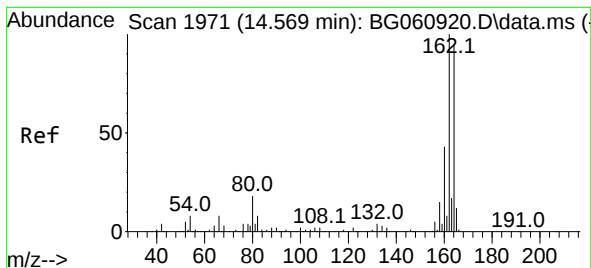
Tgt Ion:	136	Resp:	166871
Ion	Ratio	Lower	Upper
136	100		
137	9.6	8.8	13.2
54	12.9	9.8	14.8
68	6.3	5.0	7.4



#23
Nitrobenzene-d5
Concen: 92.238 ng
RT: 9.093 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BG060933.D
Acq: 18 Apr 2024 12:28

Tgt Ion:	82	Resp:	339043
Ion	Ratio	Lower	Upper
82	100		
128	39.8	31.4	47.0
54	68.3	54.2	81.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1971

Delta R.T. 0.000 min

Lab File: BG060933.D

Acq: 18 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160330BL

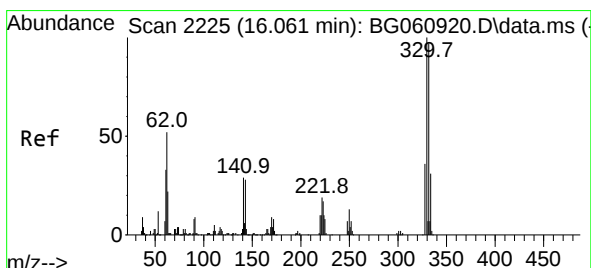
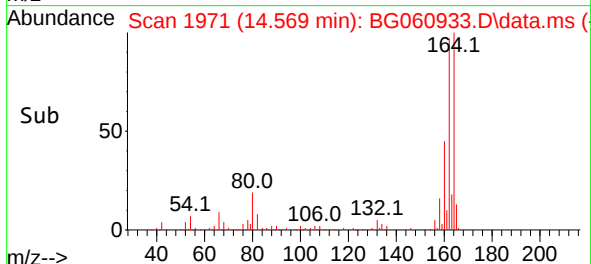
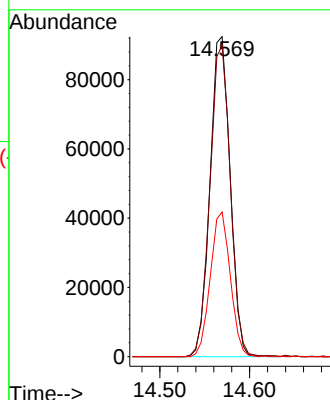
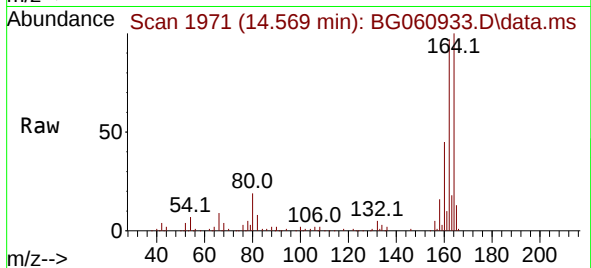
Tgt Ion:164 Resp: 144161

Ion Ratio Lower Upper

164 100

162 97.4 84.1 126.1

160 45.2 35.9 53.9



#42

2,4,6-Tribromophenol

Concen: 145.168 ng

RT: 16.056 min Scan# 2224

Delta R.T. -0.006 min

Lab File: BG060933.D

Acq: 18 Apr 2024 12:28

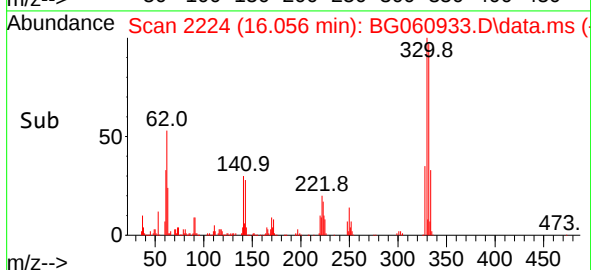
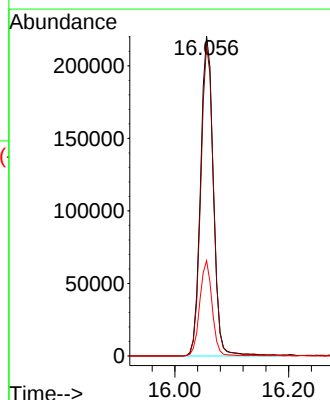
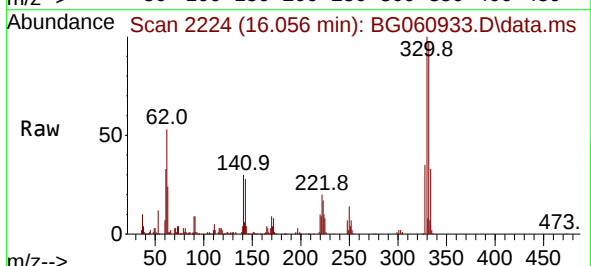
Tgt Ion:330 Resp: 345730

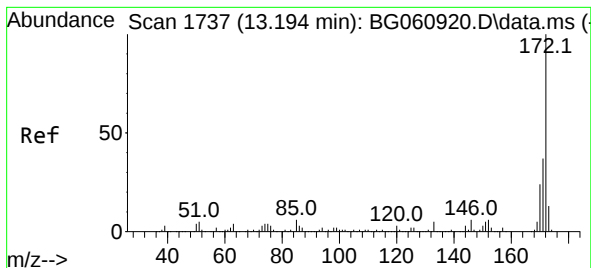
Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 28.7 23.7 35.5

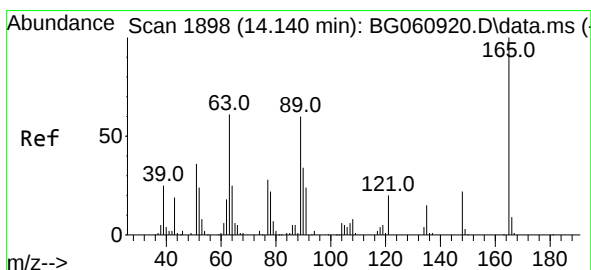
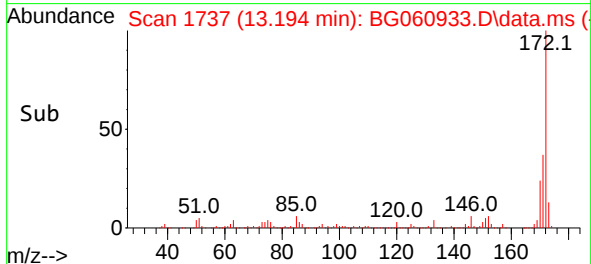
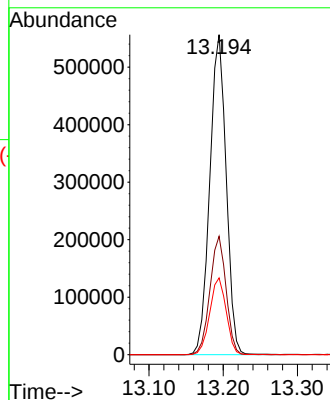
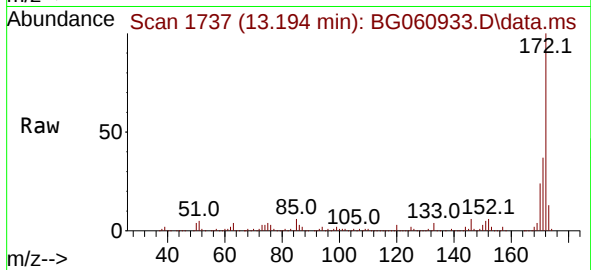




#45
2-Fluorobiphenyl
Concen: 86.989 ng
RT: 13.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: BG060933.D
Acq: 18 Apr 2024 12:28

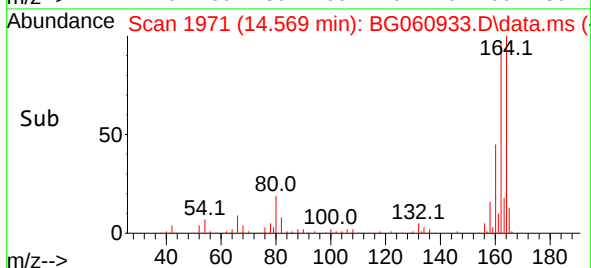
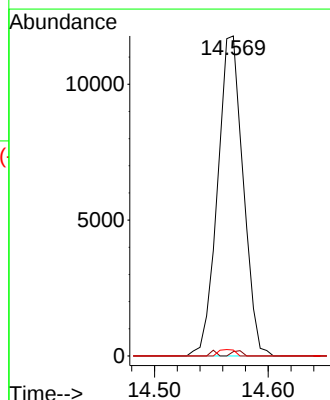
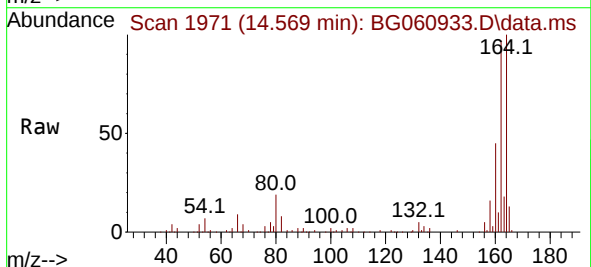
Instrument :
BNA_G
ClientSampleId :
PB160330BL

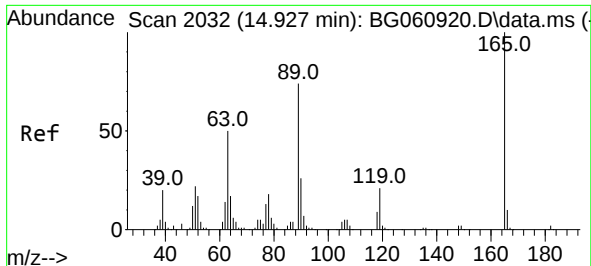
Tgt Ion:172 Resp: 854569
Ion Ratio Lower Upper
172 100
171 37.0 29.3 43.9
170 24.0 19.5 29.3



#51
2,6-Dinitrotoluene
Concen: 7.880 ng
RT: 14.569 min Scan# 1971
Delta R.T. 0.429 min
Lab File: BG060933.D
Acq: 18 Apr 2024 12:28

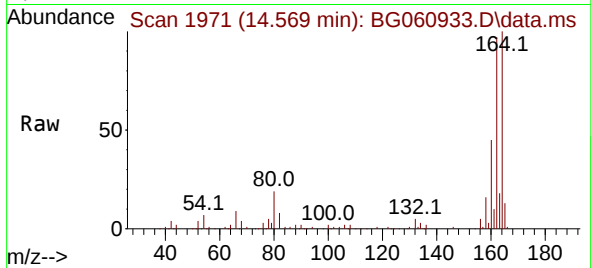
Tgt Ion:165 Resp: 18374
Ion Ratio Lower Upper
165 100
63 1.4 53.8 80.8#
89 1.8 48.2 72.4#



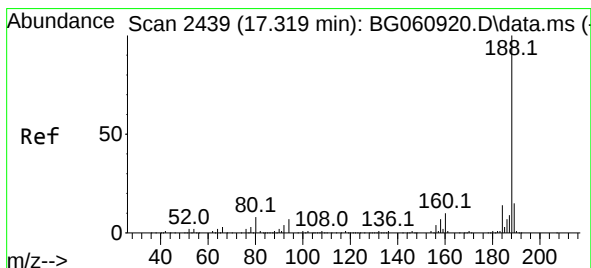
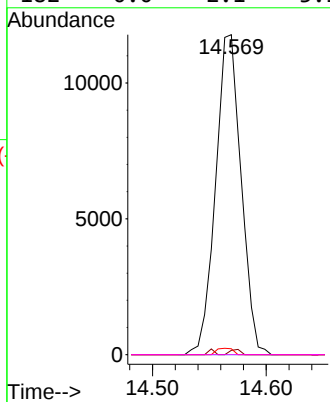
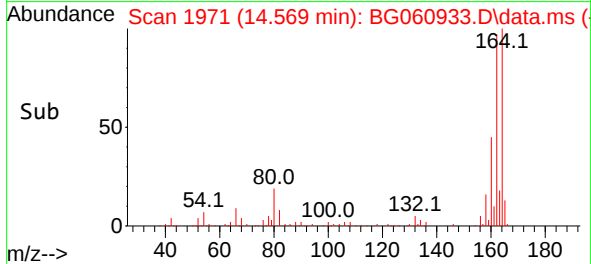


#57
2,4-Dinitrotoluene
Concen: 5.515 ng
RT: 14.569 min Scan# 1971
Delta R.T. -0.358 min
Lab File: BG060933.D
Acq: 18 Apr 2024 12:28

Instrument :
BNA_G
ClientSampleId :
PB160330BL

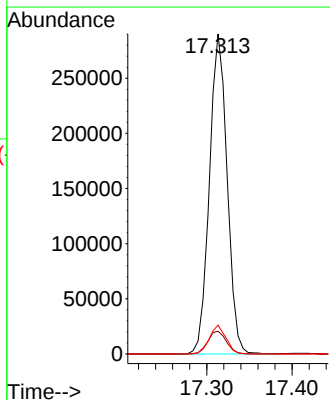
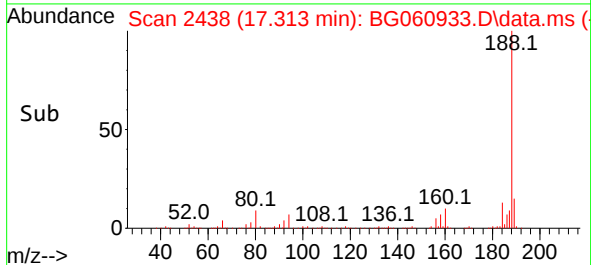
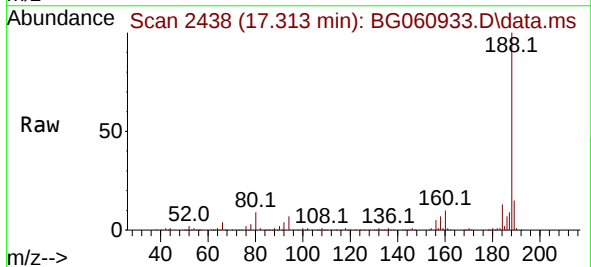


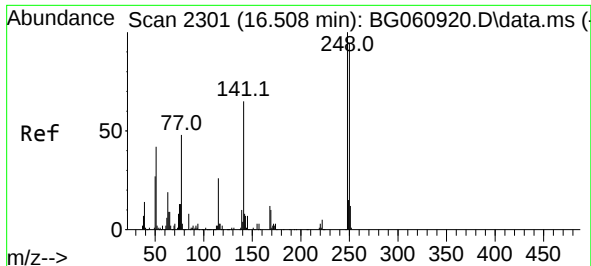
Tgt Ion:165 Resp: 18374
Ion Ratio Lower Upper
165 100
63 1.4 40.2 60.2#
89 1.8 59.0 88.4#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.313 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG060933.D
Acq: 18 Apr 2024 12:28

Tgt Ion:188 Resp: 418575
Ion Ratio Lower Upper
188 100
94 7.1 5.7 8.5
80 9.0 6.6 9.8

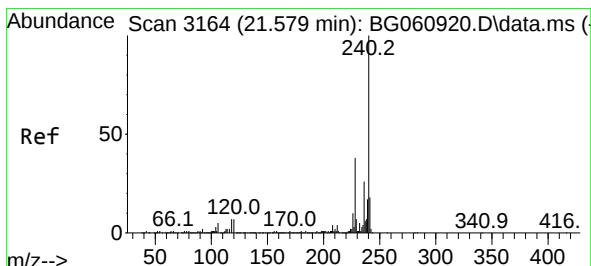
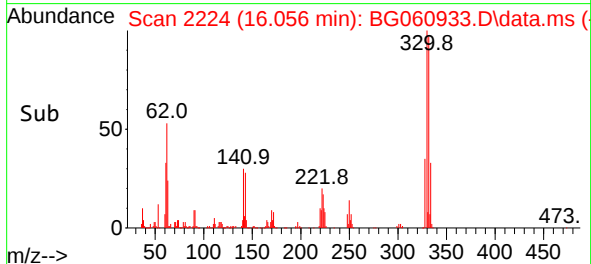
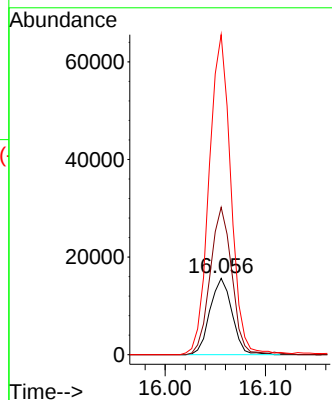
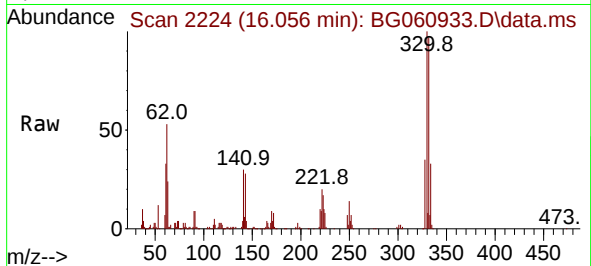




#67
4-Bromophenyl-phenylether
Concen: 5.119 ng
RT: 16.056 min Scan# 21
Delta R.T. -0.452 min
Lab File: BG060933.D
Acq: 18 Apr 2024 12:28

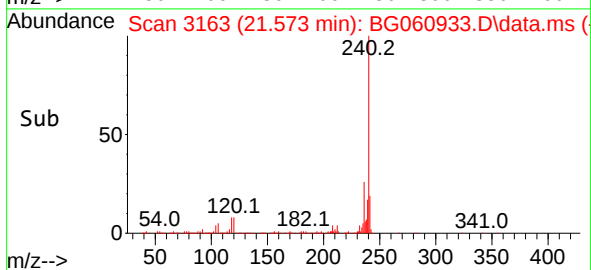
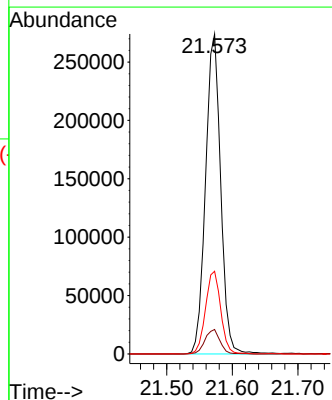
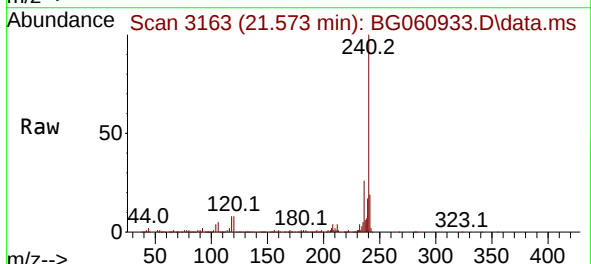
Instrument :
BNA_G
ClientSampleId :
PB160330BL

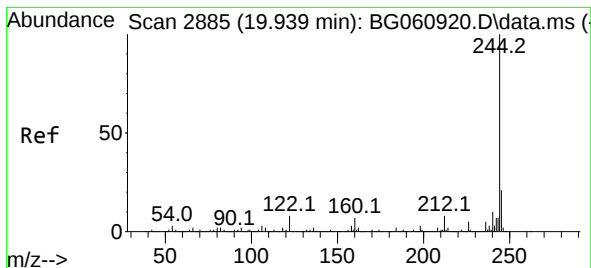
Tgt Ion:248 Resp: 24001
Ion Ratio Lower Upper
248 100
250 193.0 75.4 113.2#
141 419.2 52.2 78.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.573 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG060933.D
Acq: 18 Apr 2024 12:28

Tgt Ion:240 Resp: 439515
Ion Ratio Lower Upper
240 100
120 7.6 5.7 8.5
236 25.9 21.1 31.7





#79

Terphenyl-d14

Concen: 85.670 ng

RT: 19.939 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG060933.D

Acq: 18 Apr 2024 12:28

Instrument :

BNA_G

ClientSampleId :

PB160330BL

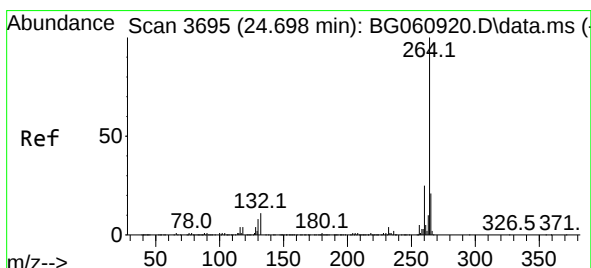
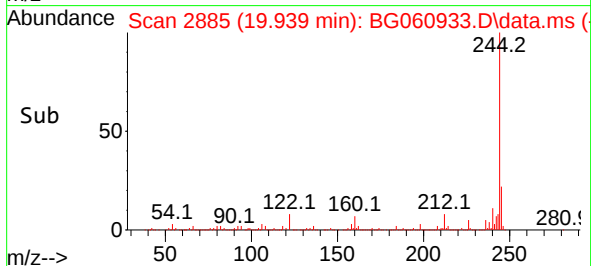
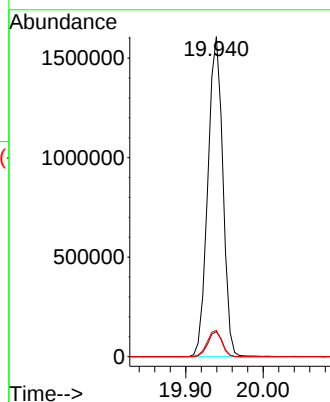
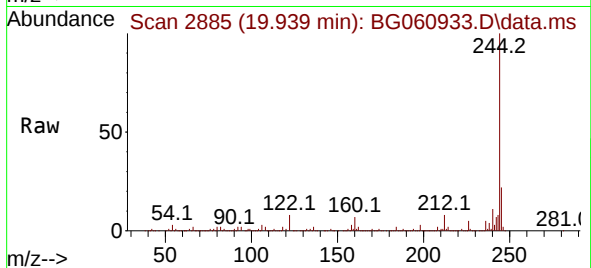
Tgt Ion:244 Resp: 2157477

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

122 8.2 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.693 min Scan# 3694

Delta R.T. -0.006 min

Lab File: BG060933.D

Acq: 18 Apr 2024 12:28

Tgt Ion:264 Resp: 498815

Ion Ratio Lower Upper

264 100

260 23.0 19.6 29.4

265 21.6 16.6 25.0

