

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG120623\
 Data File : BG059977.D
 Acq On : 6 Dec 2023 20:01
 Operator : MA/JU
 Sample : 05585-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P3874-SP4

Quant Time: Dec 06 23:18:06 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG120423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 05 02:26:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.958	152	124497	20.000	ng	# 0.00
21) Naphthalene-d8	10.767	136	435638	20.000	ng	# 0.00
39) Acenaphthene-d10	14.598	164	411585	20.000	ng	0.00
64) Phenanthrene-d10	17.341	188	1401196	20.000	ng	# 0.00
76) Chrysene-d12	21.613	240	1904615	20.000	ng	# 0.00
86) Perylene-d12	24.809	264	2306790	20.000	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	346350	55.897	ng	0.00
7) Phenol-d6	7.106	99	298310	30.546	ng	0.00
23) Nitrobenzene-d5	9.116	82	850262	69.769	ng	0.00
42) 2,4,6-Tribromophenol	16.084	330	692429	52.289	ng	0.00
45) 2-Fluorobiphenyl	13.217	172	3010379	79.774	ng	0.00
79) Terphenyl-d14	19.968	244	6422198	58.128	ng	0.00

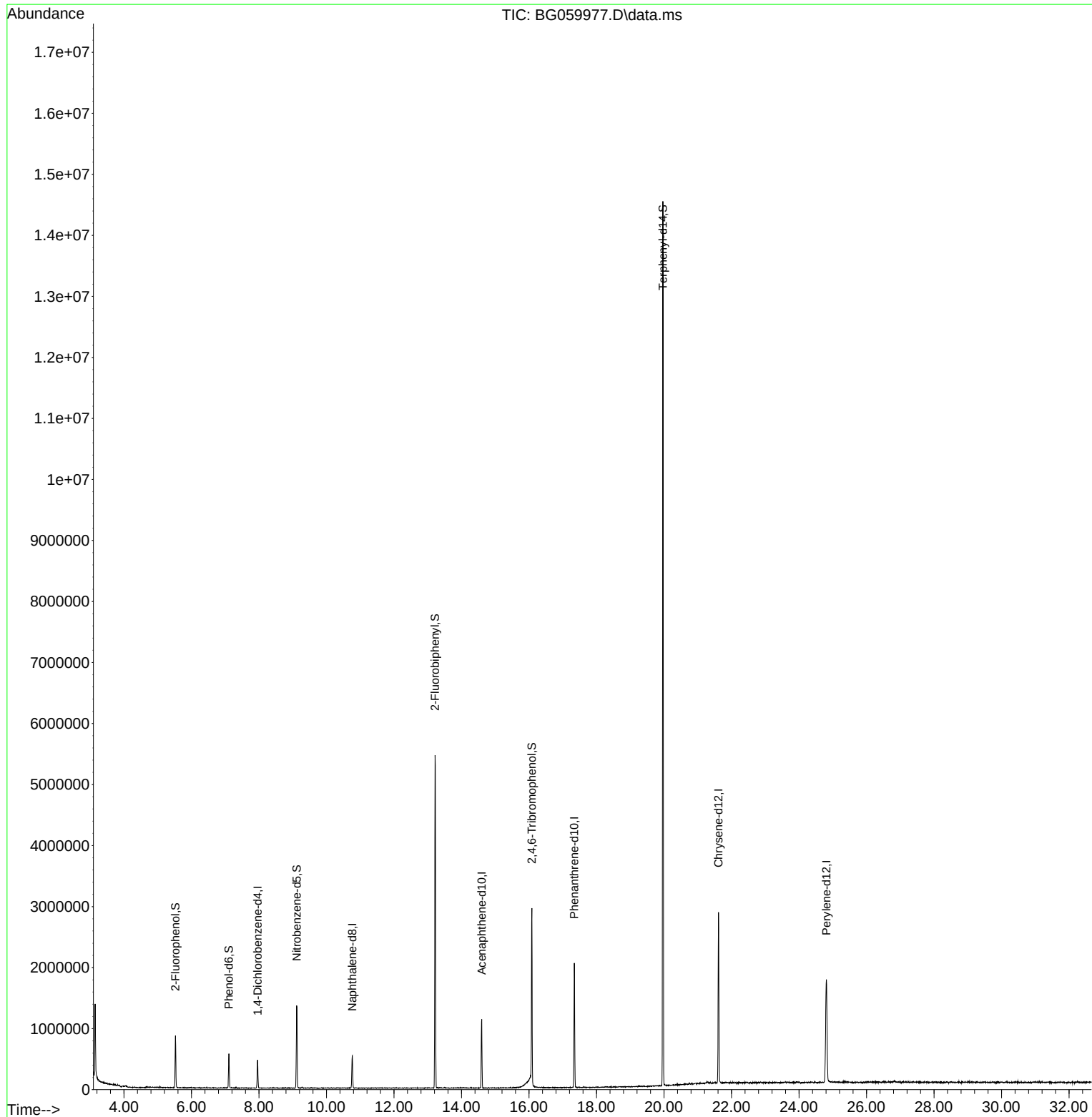
Target Compounds	Qvalue

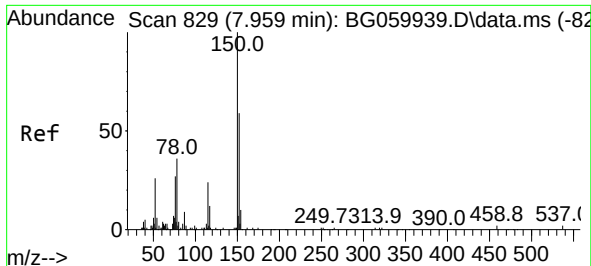
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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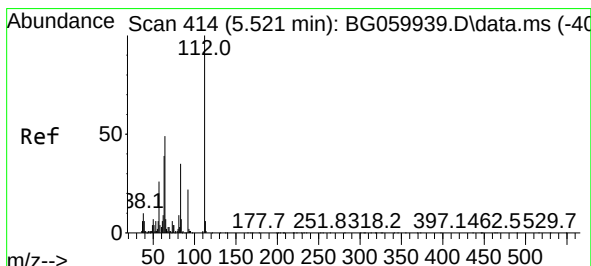
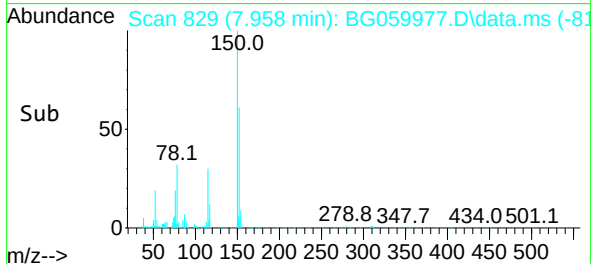
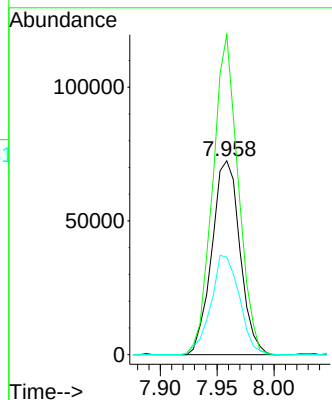
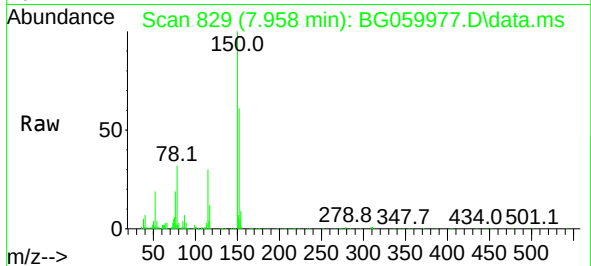




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.958 min Scan# 81
 Delta R.T. -0.001 min
 Lab File: BG059977.D
 Acq: 6 Dec 2023 20:01

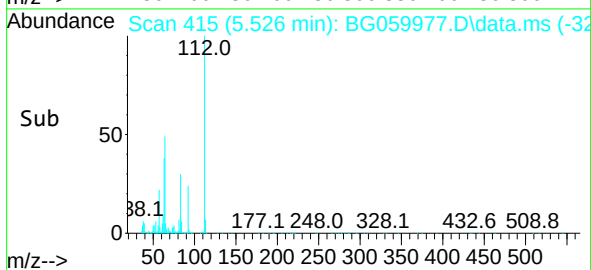
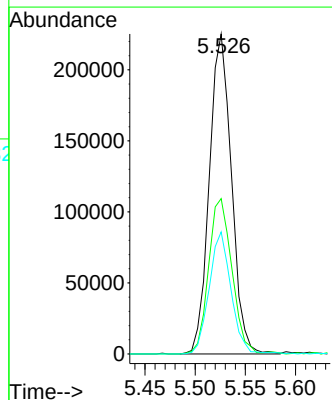
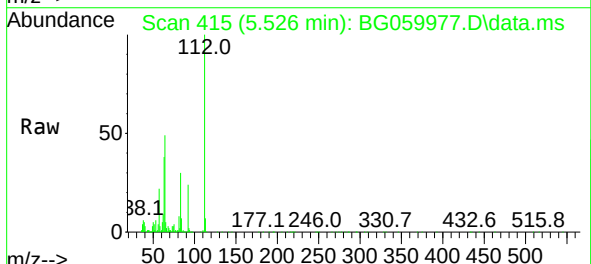
Instrument :
 BNA_G
 ClientSampleId :
 P3874-SP4

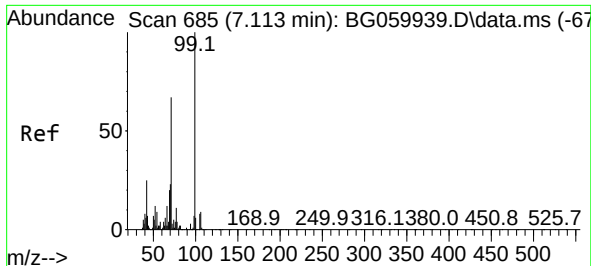
Tgt Ion:152 Resp: 124497
 Ion Ratio Lower Upper
 152 100
 150 165.0 136.9 205.3
 115 50.3 32.9 49.3#



#5
 2-Fluorophenol
 Concen: 55.897 ng
 RT: 5.526 min Scan# 415
 Delta R.T. 0.005 min
 Lab File: BG059977.D
 Acq: 6 Dec 2023 20:01

Tgt Ion:112 Resp: 346350
 Ion Ratio Lower Upper
 112 100
 64 48.6 39.4 59.0
 63 38.2 31.2 46.8

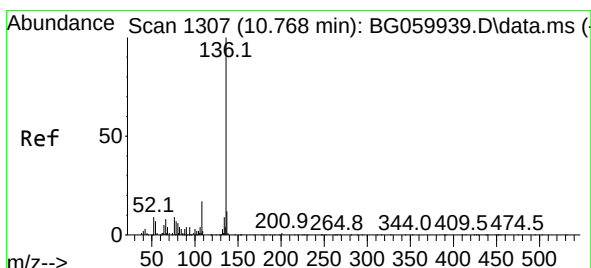
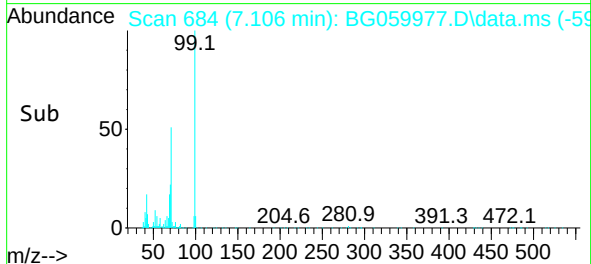
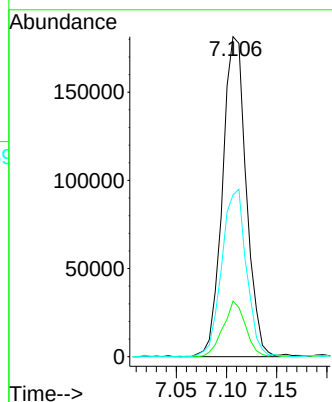
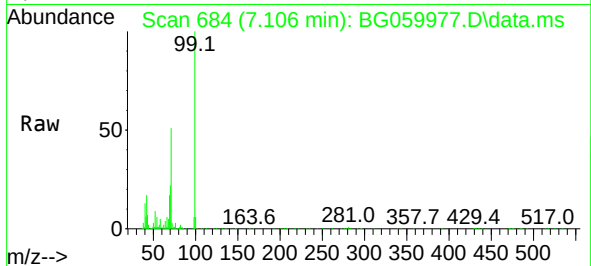




#7
Phenol-d6
Concen: 30.546 ng
RT: 7.106 min Scan# 61
Delta R.T. -0.007 min
Lab File: BG059977.D
Acq: 6 Dec 2023 20:01

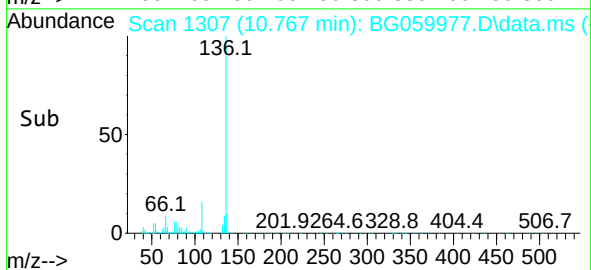
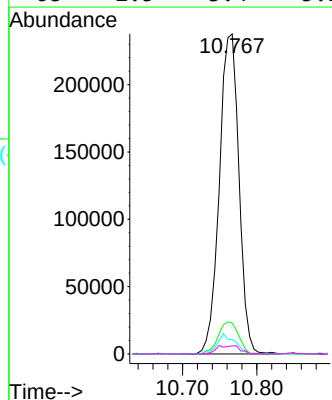
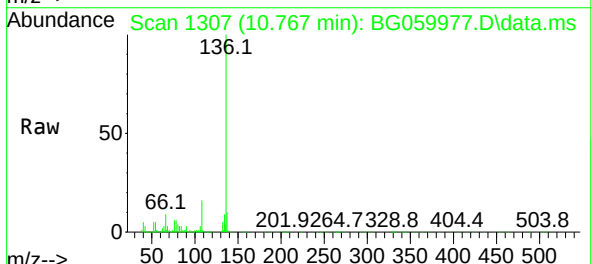
Instrument :
BNA_G
ClientSampleId :
P3874-SP4

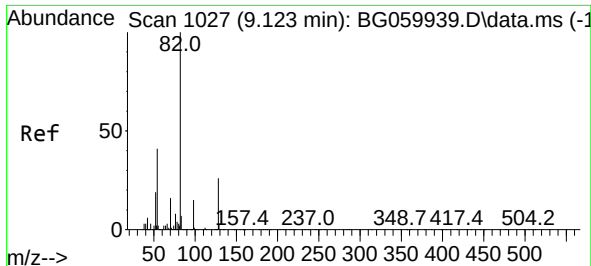
Tgt Ion: 99 Resp: 298310
Ion Ratio Lower Upper
99 100
42 17.4 20.1 30.1#
71 50.6 53.8 80.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.767 min Scan# 1307
Delta R.T. -0.001 min
Lab File: BG059977.D
Acq: 6 Dec 2023 20:01

Tgt Ion:136 Resp: 435638
Ion Ratio Lower Upper
136 100
137 9.7 9.8 14.6#
54 4.5 5.8 8.6#
68 2.5 3.4 5.2#

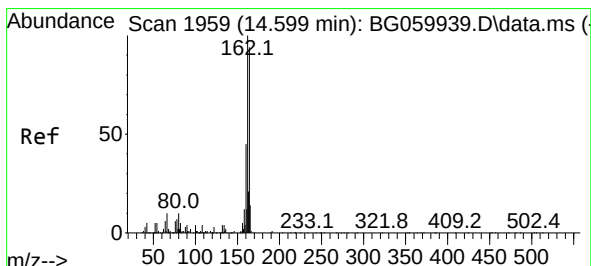
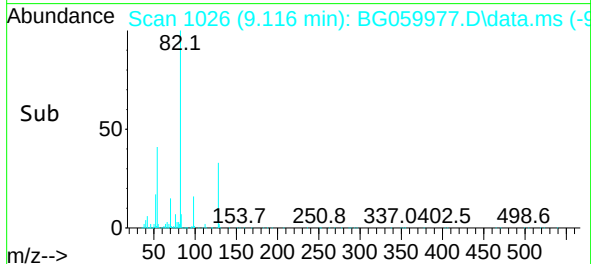
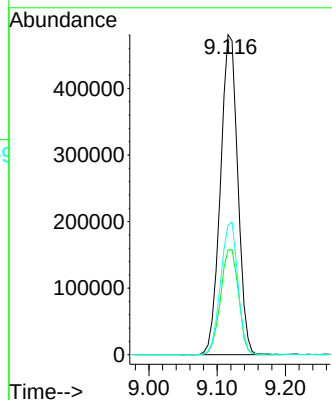
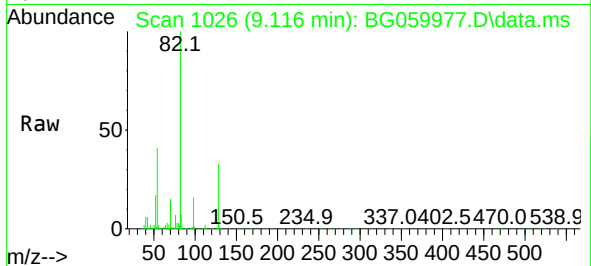




#23
Nitrobenzene-d5
Concen: 69.769 ng
RT: 9.116 min Scan# 1026
Delta R.T. -0.007 min
Lab File: BG059977.D
Acq: 6 Dec 2023 20:01

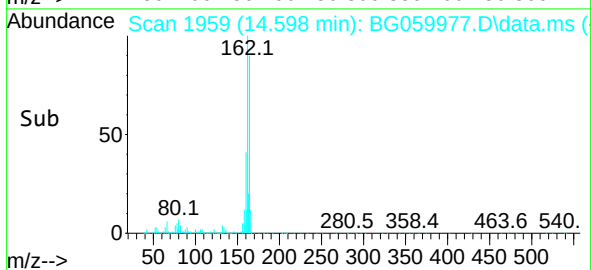
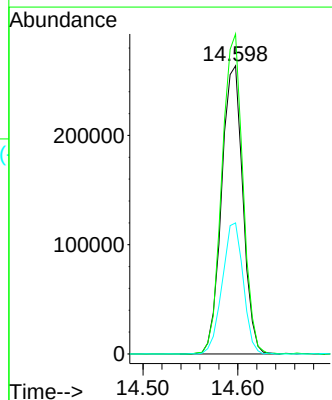
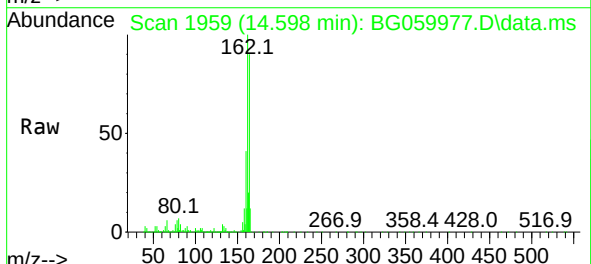
Instrument :
BNA_G
ClientSampleId :
P3874-SP4

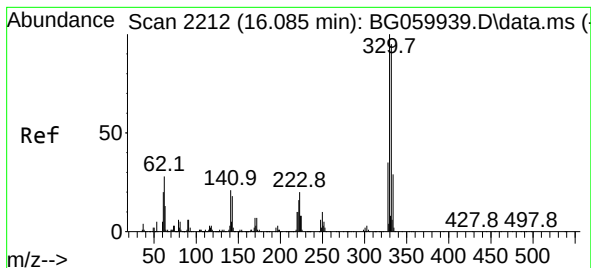
Tgt Ion: 82 Resp: 850262
Ion Ratio Lower Upper
82 100
128 32.8 21.0 31.6#
54 40.5 32.6 48.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.598 min Scan# 1959
Delta R.T. -0.001 min
Lab File: BG059977.D
Acq: 6 Dec 2023 20:01

Tgt Ion:164 Resp: 411585
Ion Ratio Lower Upper
164 100
162 111.0 85.0 127.6
160 45.5 38.1 57.1

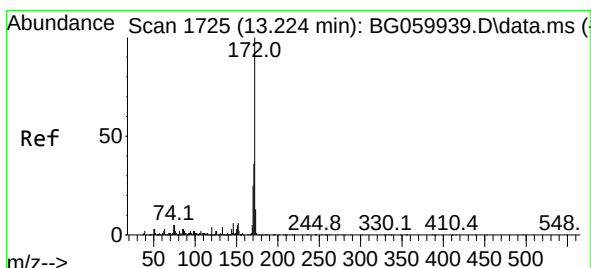
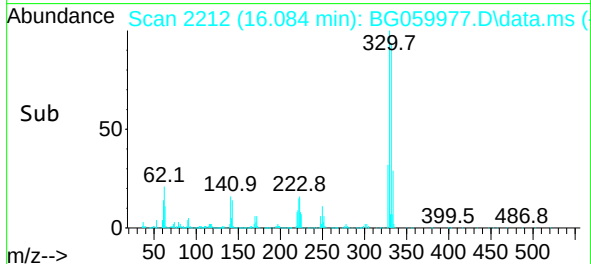
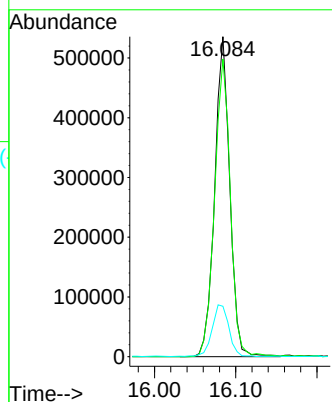
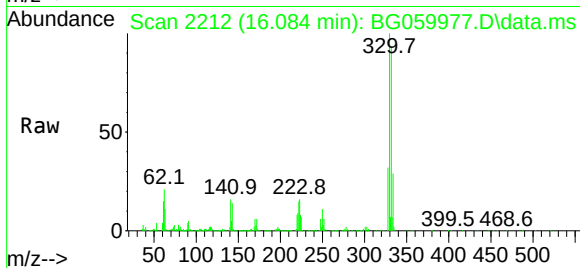




#42
2,4,6-Tribromophenol
Concen: 52.289 ng
RT: 16.084 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG059977.D
Acq: 6 Dec 2023 20:01

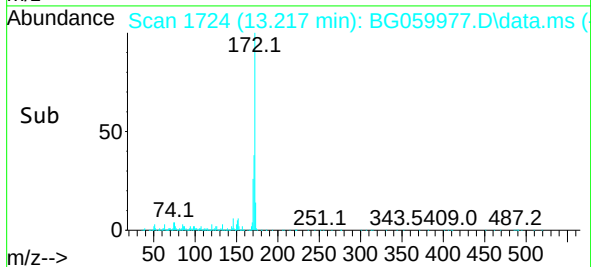
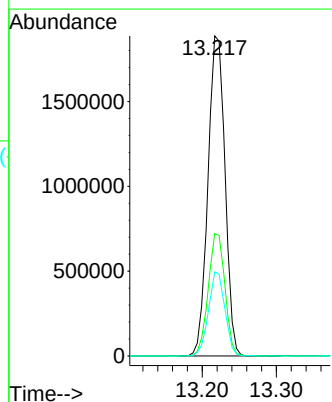
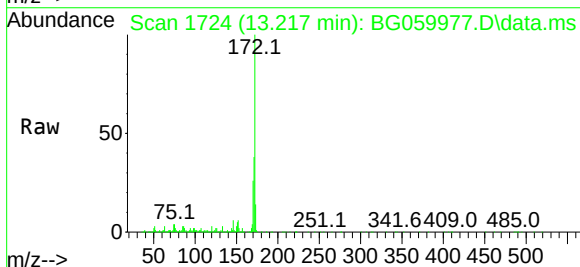
Instrument :
BNA_G
ClientSampleId :
P3874-SP4

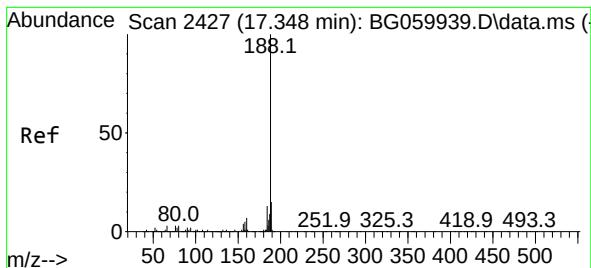
Tgt Ion:330 Resp: 692429
Ion Ratio Lower Upper
330 100
332 97.0 76.5 114.7
141 17.9 15.0 22.6



#45
2-Fluorobiphenyl
Concen: 79.774 ng
RT: 13.217 min Scan# 1724
Delta R.T. -0.007 min
Lab File: BG059977.D
Acq: 6 Dec 2023 20:01

Tgt Ion:172 Resp: 3010379
Ion Ratio Lower Upper
172 100
171 38.3 28.6 43.0
170 26.3 19.8 29.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.341 min Scan# 24

Delta R.T. -0.007 min

Lab File: BG059977.D

Acq: 6 Dec 2023 20:01

Instrument :

BNA_G

ClientSampleId :

P3874-SP4

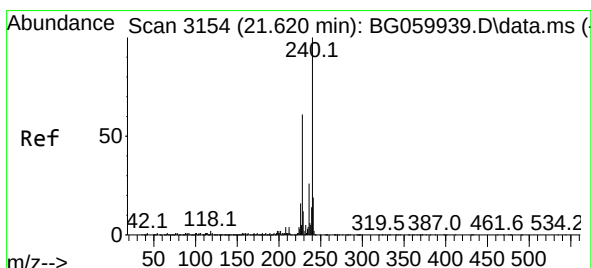
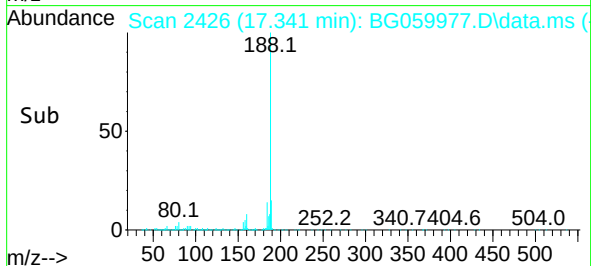
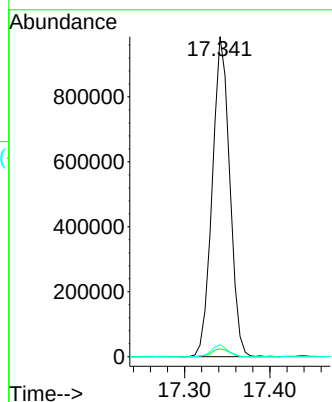
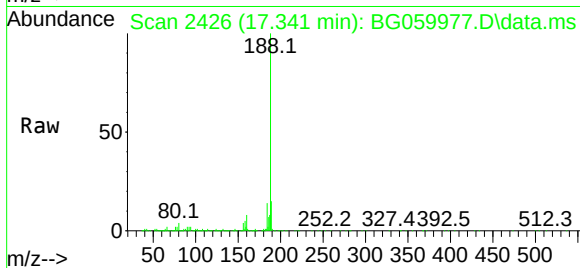
Tgt Ion:188 Resp: 1401196

Ion Ratio Lower Upper

188 100

94 2.5 1.8 2.6

80 3.7 2.2 3.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.613 min Scan# 3153

Delta R.T. -0.007 min

Lab File: BG059977.D

Acq: 6 Dec 2023 20:01

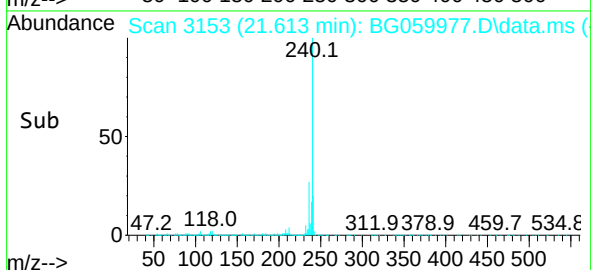
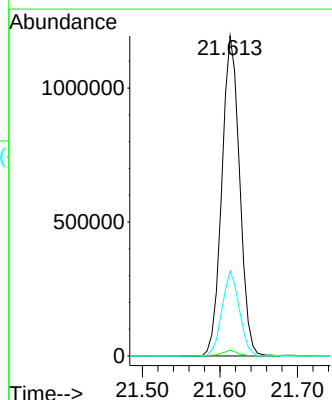
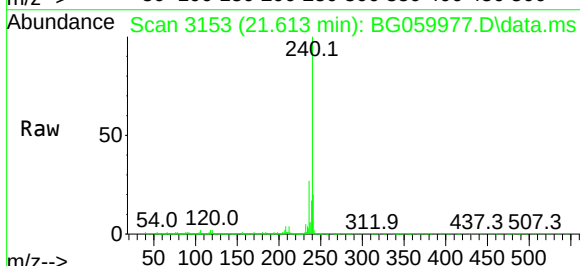
Tgt Ion:240 Resp: 1904615

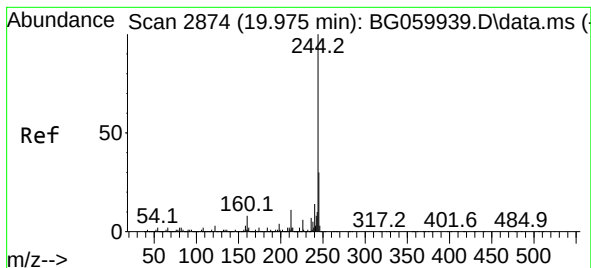
Ion Ratio Lower Upper

240 100

120 1.8 1.0 1.4#

236 26.5 20.8 31.2





#79

Terphenyl-d14

Concen: 58.128 ng

RT: 19.968 min Scan# 21

Delta R.T. -0.007 min

Lab File: BG059977.D

Acq: 6 Dec 2023 20:01

Instrument :

BNA_G

ClientSampleId :

P3874-SP4

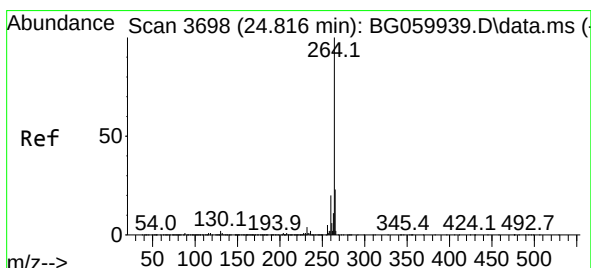
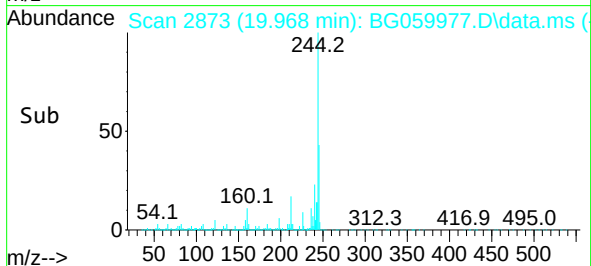
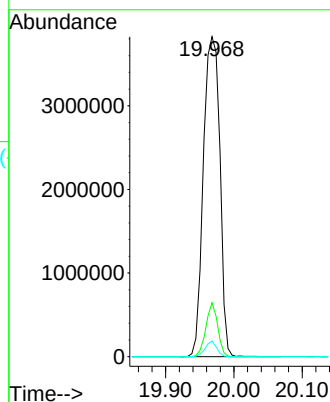
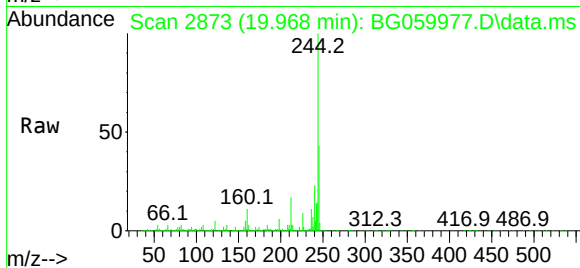
Tgt Ion:244 Resp: 6422198

Ion Ratio Lower Upper

244 100

212 16.8 8.6 13.0#

122 4.9 2.1 3.1#



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.809 min Scan# 3697

Delta R.T. -0.007 min

Lab File: BG059977.D

Acq: 6 Dec 2023 20:01

Tgt Ion:264 Resp: 2306790

Ion Ratio Lower Upper

264 100

260 24.3 15.8 23.6#

265 21.0 18.1 27.1

