

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042224\
 Data File : BG060997.D
 Acq On : 22 Apr 2024 18:48
 Operator : MA/JU
 Sample : P2147-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-A

Quant Time: Apr 23 02:19:43 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

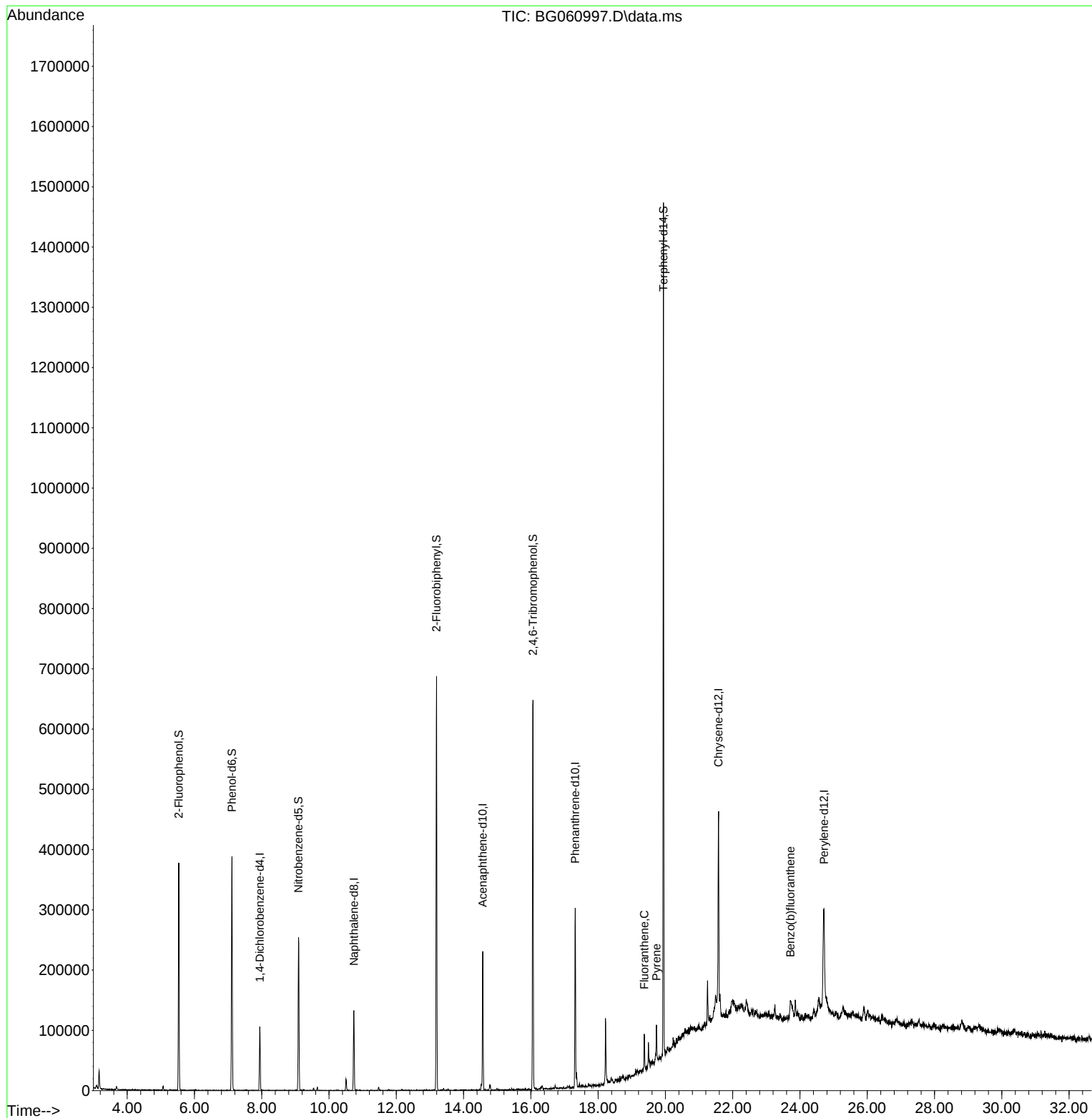
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.942	152	26954	20.000	ng	0.00
21) Naphthalene-d8	10.738	136	105615	20.000	ng	# 0.00
39) Acenaphthene-d10	14.569	164	81707	20.000	ng	0.00
64) Phenanthrene-d10	17.319	188	193409	20.000	ng	0.00
76) Chrysene-d12	21.579	240	191509	20.000	ng	0.00
86) Perylene-d12	24.710	264	227428	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.533	112	132905	99.738	ng	0.00
7) Phenol-d6	7.113	99	173638	87.823	ng	0.00
23) Nitrobenzene-d5	9.093	82	128880	54.826	ng	0.00
42) 2,4,6-Tribromophenol	16.062	330	144940	80.781	ng	0.00
45) 2-Fluorobiphenyl	13.194	172	354881	60.112	ng	0.00
79) Terphenyl-d14	19.939	244	698201	56.591	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.369	202	36105	2.756	ng	93
78) Pyrene	19.734	202	36764	2.819	ng	98
88) Benzo(b)fluoranthene	23.717	252	33595	2.607	ng	# 95

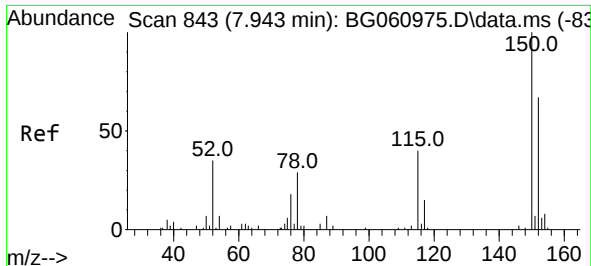
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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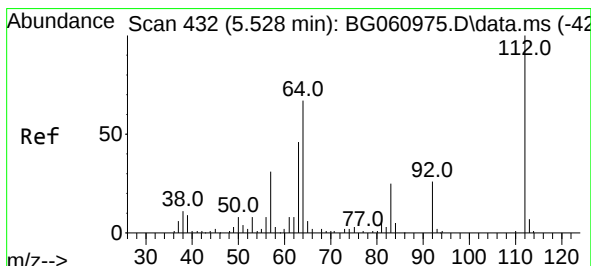
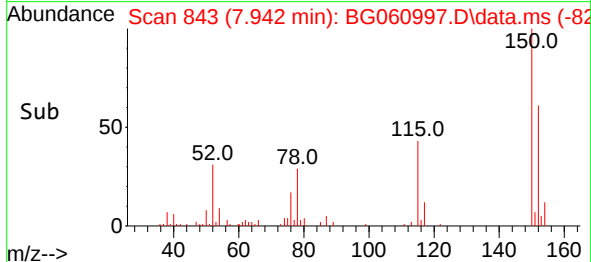
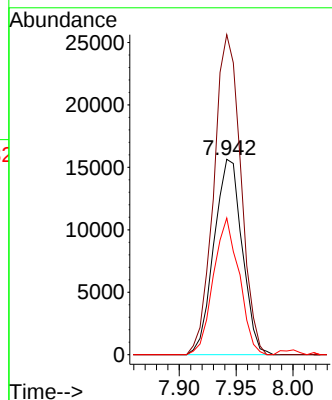
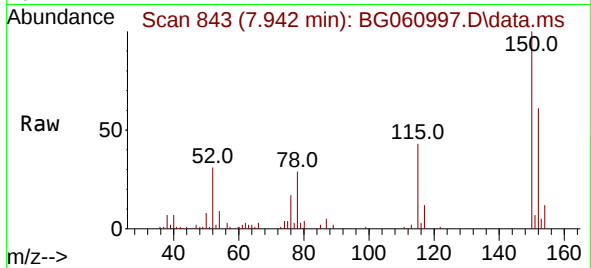




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.942 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

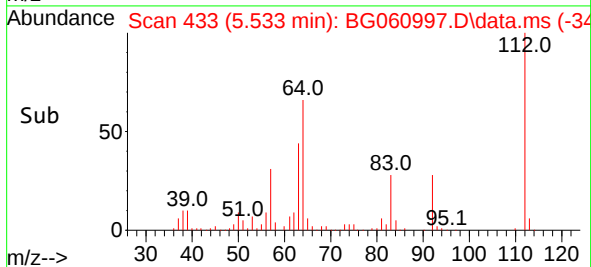
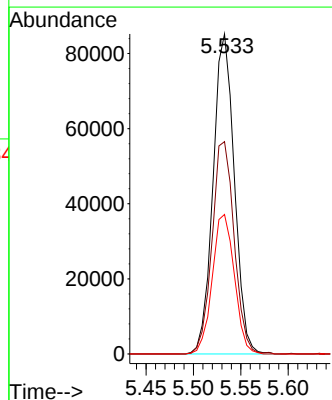
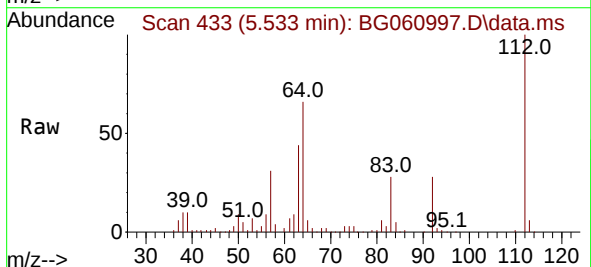
Instrument :
BNA_G
ClientSampleId :
COMP-A

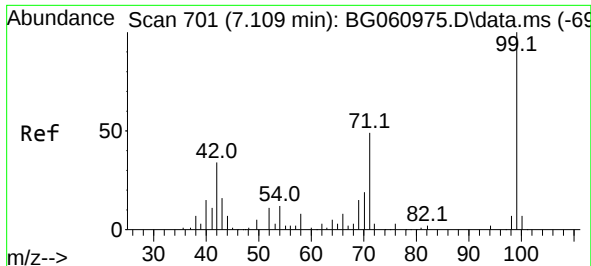
Tgt Ion:152 Resp: 26954
Ion Ratio Lower Upper
152 100
150 163.8 118.6 178.0
115 69.9 47.4 71.0



#5
2-Fluorophenol
Concen: 99.738 ng
RT: 5.533 min Scan# 433
Delta R.T. 0.005 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

Tgt Ion:112 Resp: 132905
Ion Ratio Lower Upper
112 100
64 66.4 53.7 80.5
63 43.6 37.0 55.6

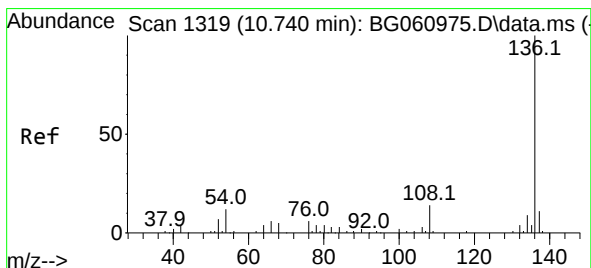
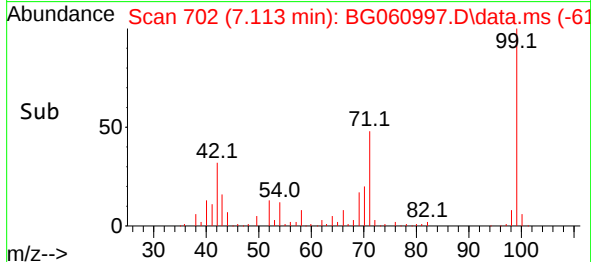
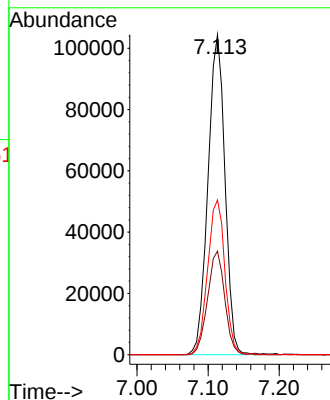
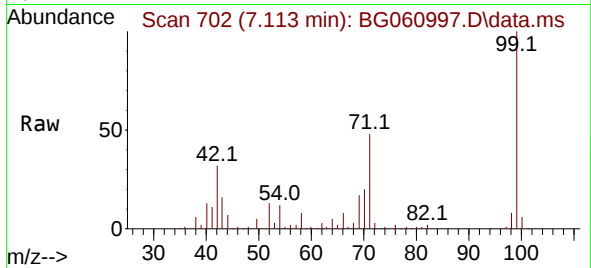




#7
Phenol-d6
Concen: 87.823 ng
RT: 7.113 min Scan# 701
Delta R.T. 0.005 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

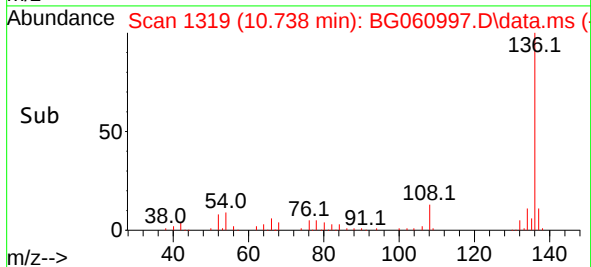
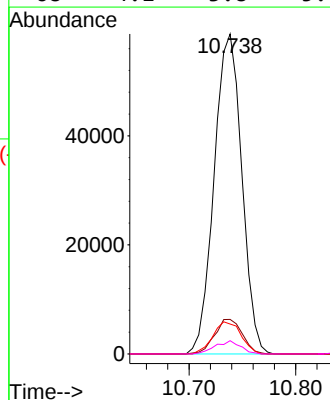
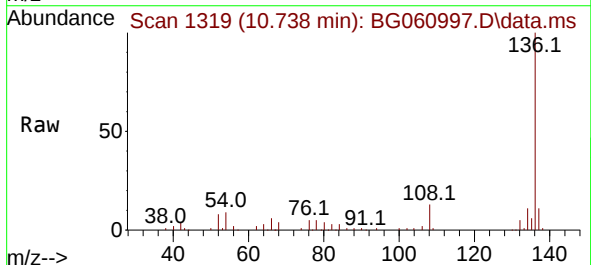
Instrument :
BNA_G
ClientSampleId :
COMP-A

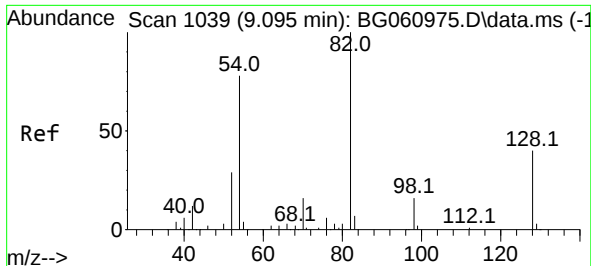
Tgt Ion: 99 Resp: 173638
Ion Ratio Lower Upper
99 100
42 32.3 27.2 40.8
71 48.4 38.8 58.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.738 min Scan# 1319
Delta R.T. -0.002 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

Tgt Ion: 136 Resp: 105615
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 9.4 9.4 14.0#
68 4.1 3.8 5.6

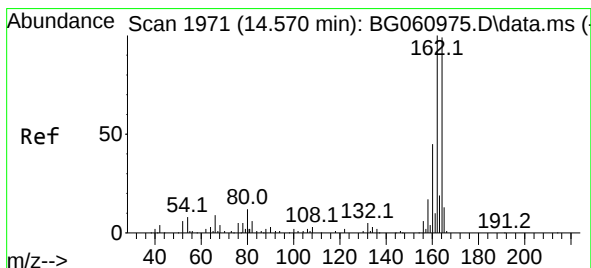
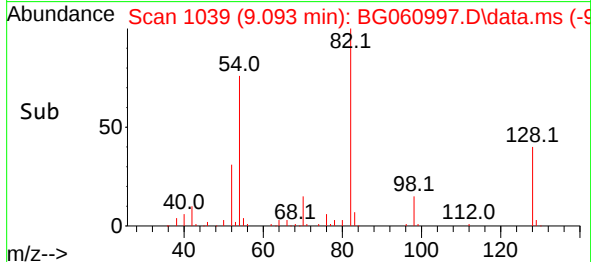
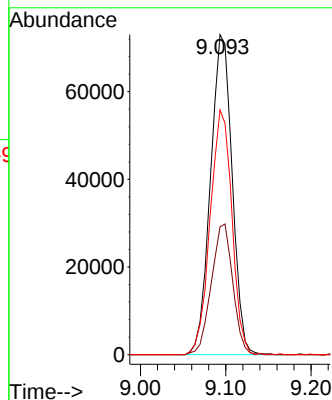
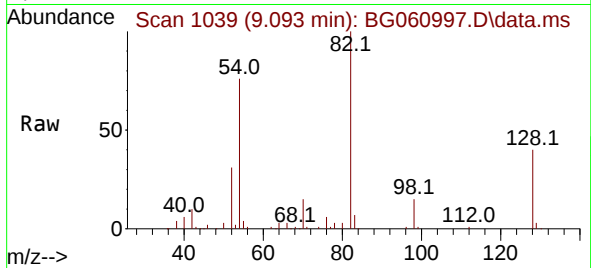




#23
Nitrobenzene-d5
Concen: 54.826 ng
RT: 9.093 min Scan# 1039
Delta R.T. -0.001 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

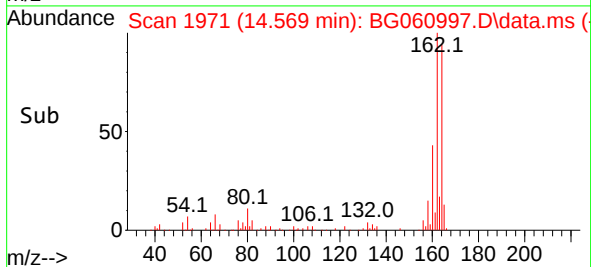
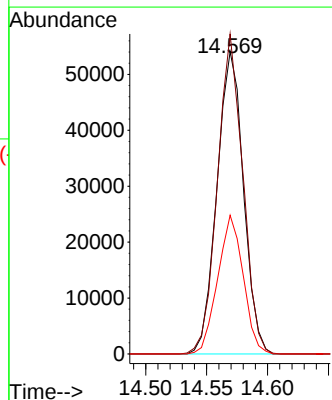
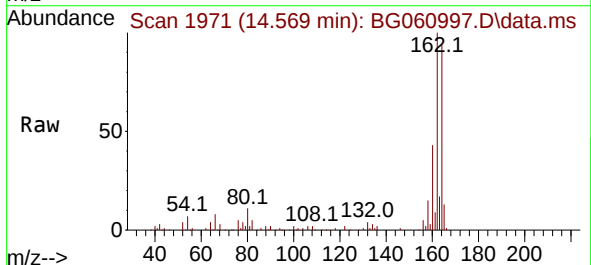
Instrument :
BNA_G
ClientSampleId :
COMP-A

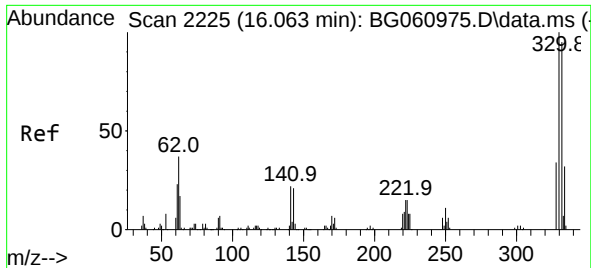
Tgt Ion: 82 Resp: 128880
Ion Ratio Lower Upper
82 100
128 40.0 32.1 48.1
54 76.4 62.3 93.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.569 min Scan# 1971
Delta R.T. -0.001 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

Tgt Ion: 164 Resp: 81707
Ion Ratio Lower Upper
164 100
162 105.8 81.2 121.8
160 45.9 36.2 54.2

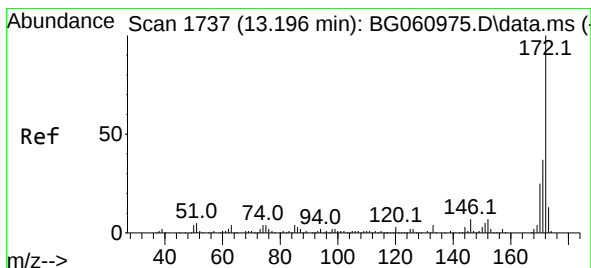
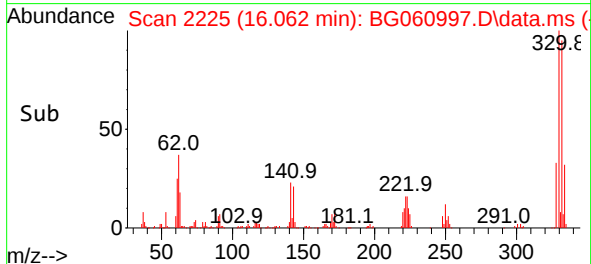
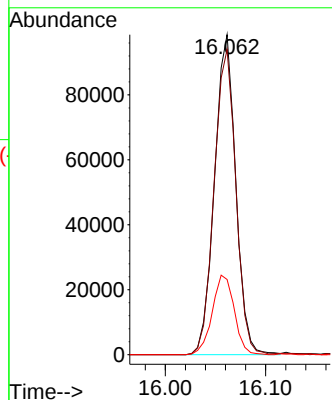
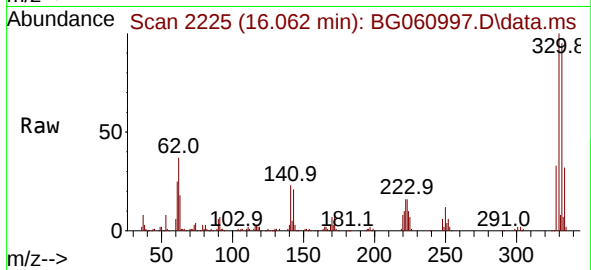




#42
2,4,6-Tribromophenol
Concen: 80.781 ng
RT: 16.062 min Scan# 21
Delta R.T. -0.001 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

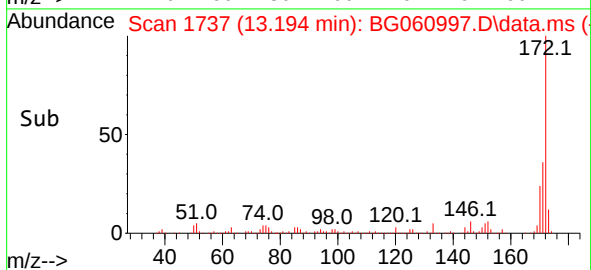
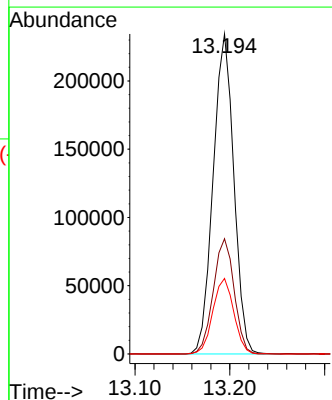
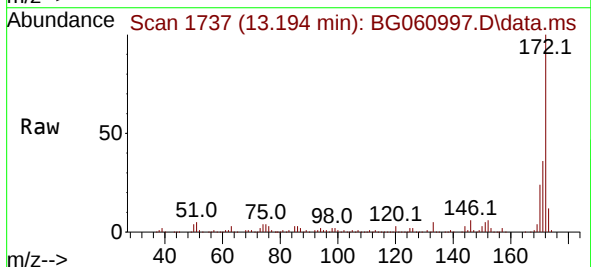
Instrument :
BNA_G
ClientSampleId :
COMP-A

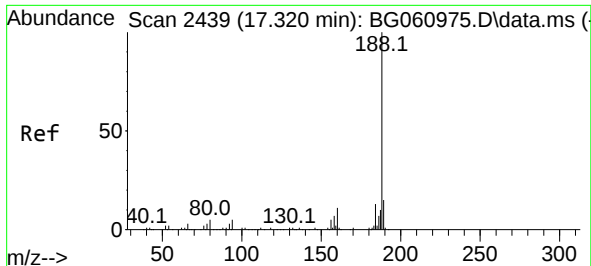
Tgt Ion:330 Resp: 144940
Ion Ratio Lower Upper
330 100
332 97.3 77.1 115.7
141 25.7 20.6 31.0



#45
2-Fluorobiphenyl
Concen: 60.112 ng
RT: 13.194 min Scan# 1737
Delta R.T. -0.001 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

Tgt Ion:172 Resp: 354881
Ion Ratio Lower Upper
172 100
171 36.0 29.3 43.9
170 23.6 20.1 30.1

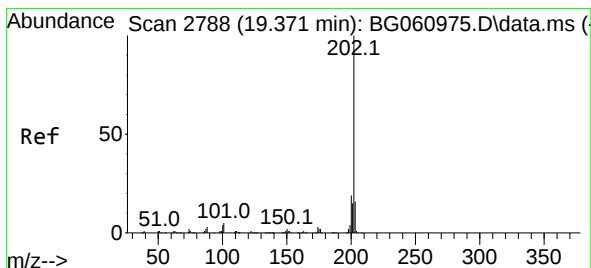
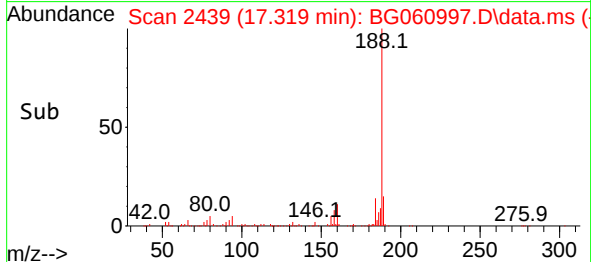
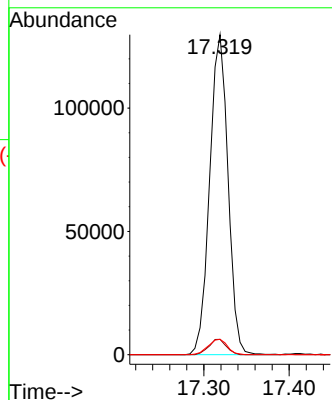
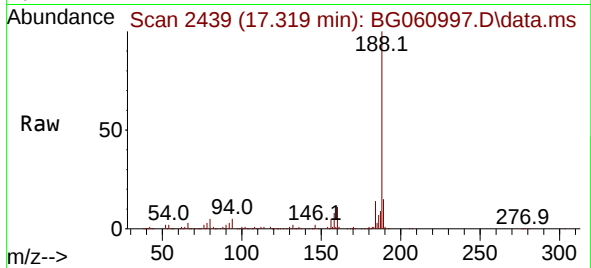




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.319 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

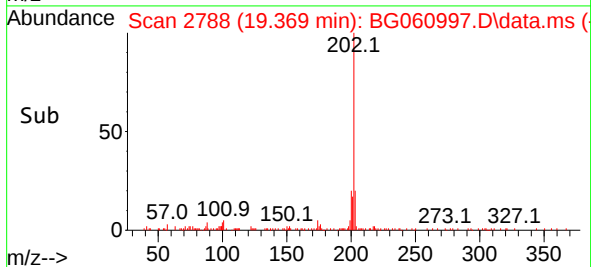
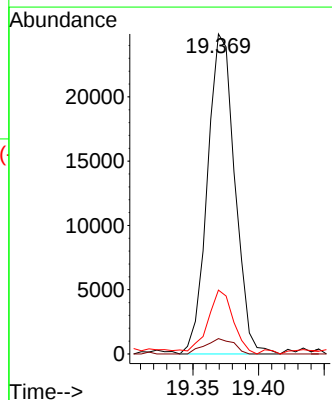
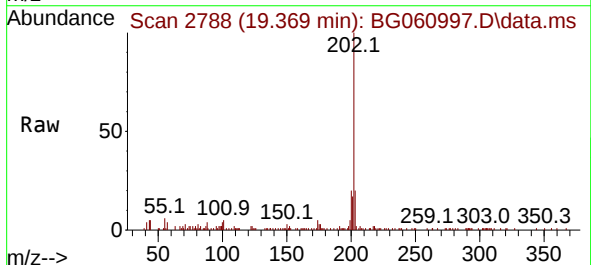
Instrument :
BNA_G
ClientSampleId :
COMP-A

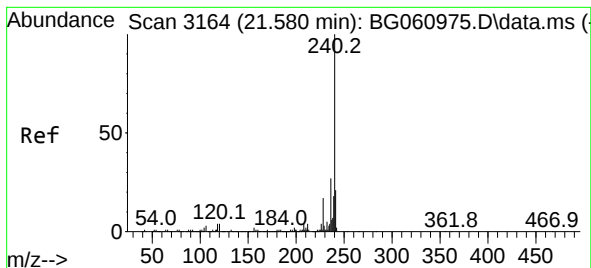
Tgt Ion:188 Resp: 193409
Ion Ratio Lower Upper
188 100
94 4.8 4.1 6.1
80 4.8 4.0 6.0



#75
Fluoranthene
Concen: 2.756 ng
RT: 19.369 min Scan# 2788
Delta R.T. -0.001 min
Lab File: BG060997.D
Acq: 22 Apr 2024 18:48

Tgt Ion:202 Resp: 36105
Ion Ratio Lower Upper
202 100
101 4.8 0.0 24.9
203 19.9 0.0 36.2





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.579 min Scan# 3164

Delta R.T. -0.001 min

Lab File: BG060997.D

Acq: 22 Apr 2024 18:48

Instrument :

BNA_G

ClientSampleId :

COMP-A

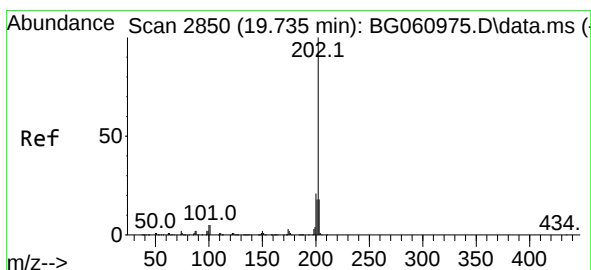
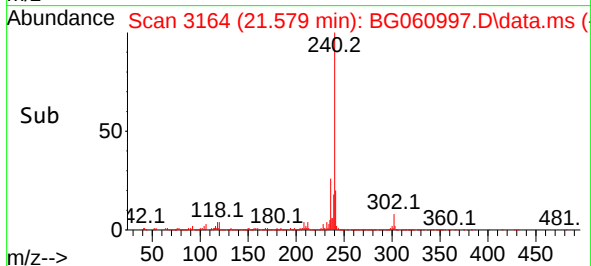
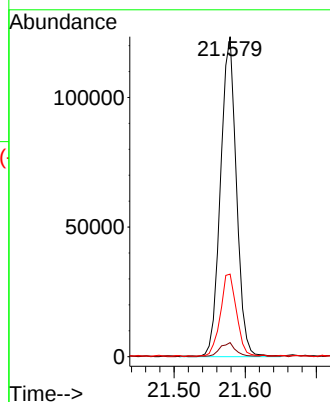
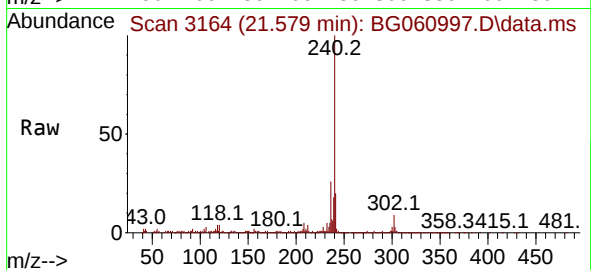
Tgt Ion:240 Resp: 191509

Ion Ratio Lower Upper

240 100

120 4.4 3.0 4.6

236 25.8 21.8 32.6



#78

Pyrene

Concen: 2.819 ng

RT: 19.734 min Scan# 2850

Delta R.T. -0.001 min

Lab File: BG060997.D

Acq: 22 Apr 2024 18:48

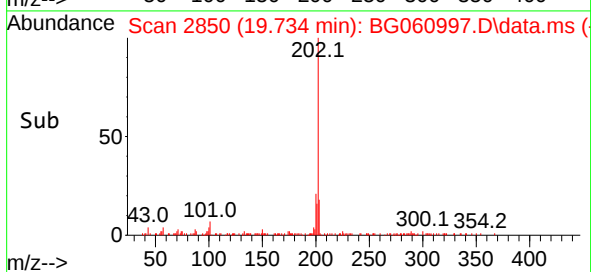
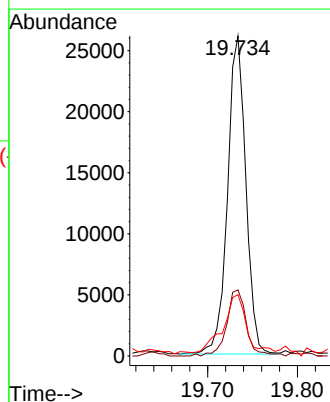
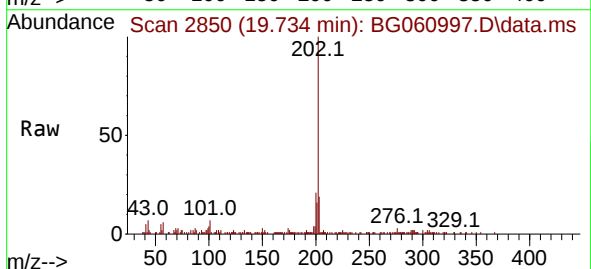
Tgt Ion:202 Resp: 36764

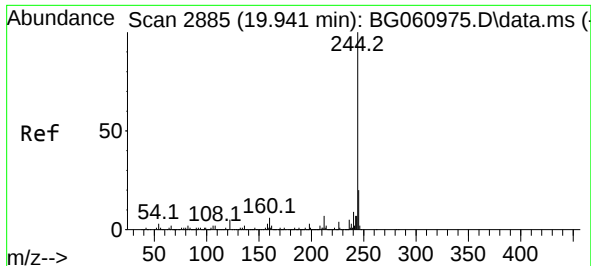
Ion Ratio Lower Upper

202 100

200 20.7 16.8 25.2

203 19.2 14.2 21.2

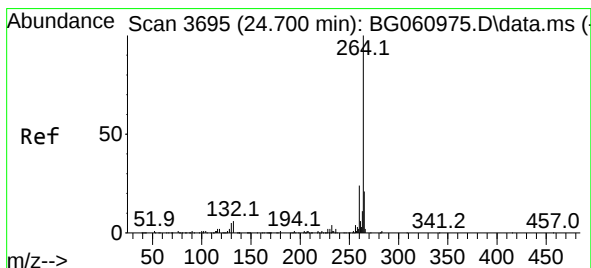
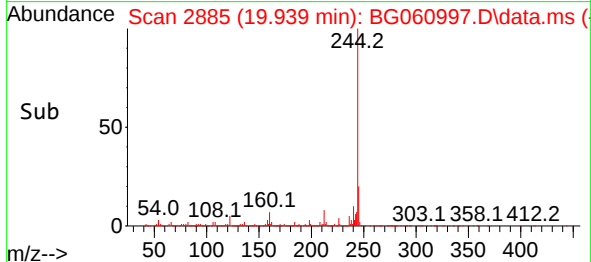
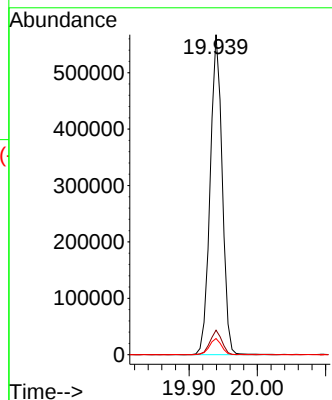
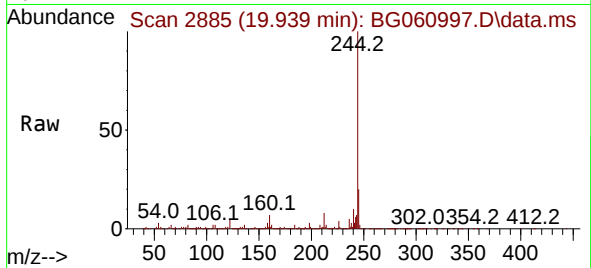




#79
 Terphenyl-d14
 Concen: 56.591 ng
 RT: 19.939 min Scan# 21
 Delta R.T. -0.001 min
 Lab File: BG060997.D
 Acq: 22 Apr 2024 18:48

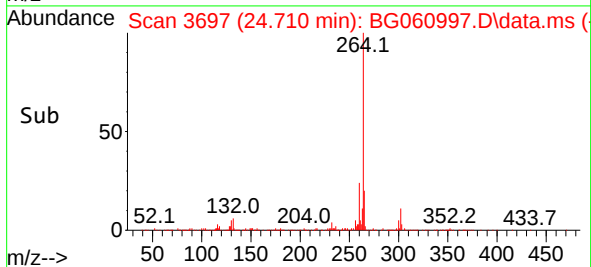
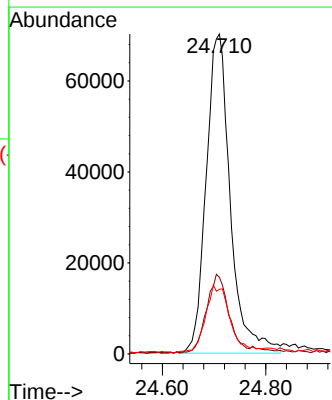
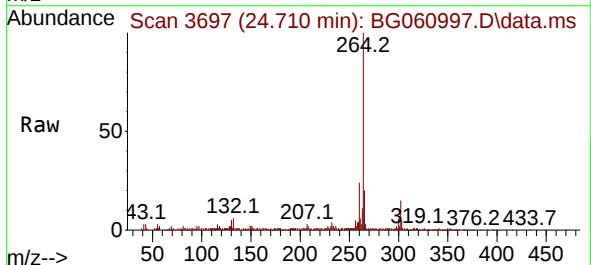
Instrument :
 BNA_G
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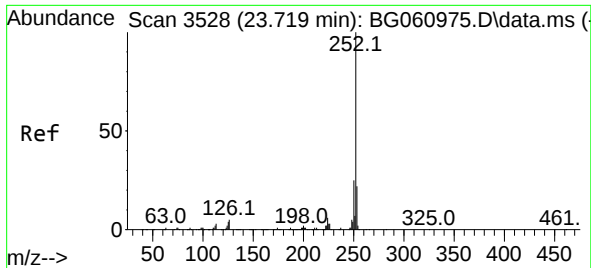
Tgt Ion:244 Resp: 698201
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.9 8.9
 122 5.0 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.710 min Scan# 3697
 Delta R.T. 0.011 min
 Lab File: BG060997.D
 Acq: 22 Apr 2024 18:48

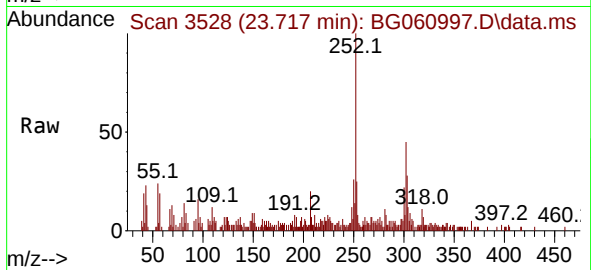
Tgt Ion:264 Resp: 227428
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 20.2 17.0 25.4





#88
 Benzo(b)fluoranthene
 Concen: 2.607 ng
 RT: 23.717 min Scan# 31
 Delta R.T. -0.001 min
 Lab File: BG060997.D
 Acq: 22 Apr 2024 18:48

Instrument :
 BNA_G
 ClientSampleId :
 COMP-A



Tgt Ion:252 Resp: 33595
 Ion Ratio Lower Upper
 252 100
 253 24.7 17.5 26.3
 125 5.2 3.3 4.9#

