

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG043024\
 Data File : BG061067.D
 Acq On : 30 Apr 2024 17:02
 Operator : MA/JU
 Sample : PB160543BL
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160543BL

Quant Time: May 01 05:12:50 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 01 05:11:25 2024
 Response via : Initial Calibration

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

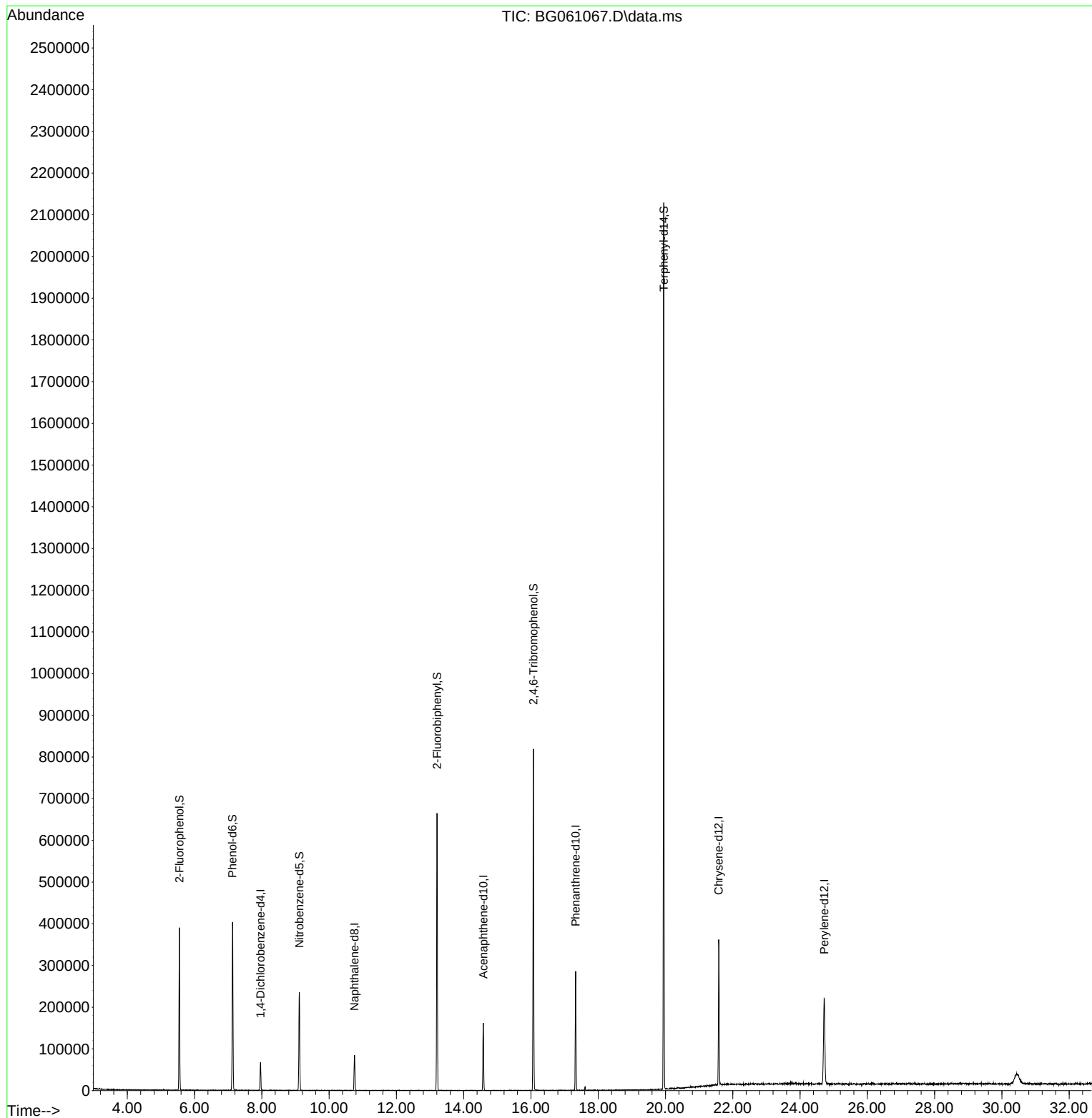
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	17169	20.000	ng	0.00
21) Naphthalene-d8	10.756	136	68280	20.000	ng	# 0.00
39) Acenaphthene-d10	14.586	164	62239	20.000	ng	0.00
64) Phenanthrene-d10	17.330	188	184810	20.000	ng	0.00
76) Chrysene-d12	21.584	240	216862	20.000	ng	# 0.00
86) Perylene-d12	24.716	264	244209	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.550	112	128922	152.713	ng	0.00
7) Phenol-d6	7.130	99	176058	140.976	ng	0.00
23) Nitrobenzene-d5	9.116	82	118430	85.982	ng	0.00
42) 2,4,6-Tribromophenol	16.073	330	178518	143.498	ng	0.00
45) 2-Fluorobiphenyl	13.211	172	357123	84.848	ng	0.00
79) Terphenyl-d14	19.951	244	1130005	86.661	ng	0.00
Target Compounds						
9) Benzaldehyde	7.136	77	406	Below Cal	#	Qvalue 3

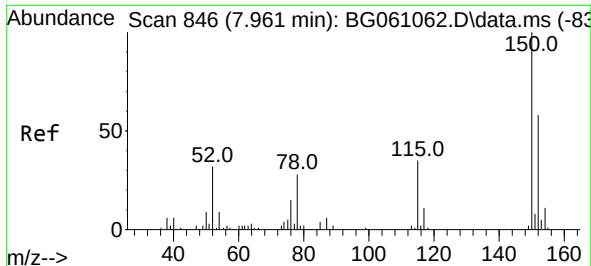
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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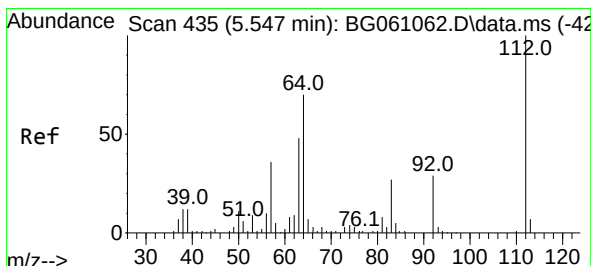
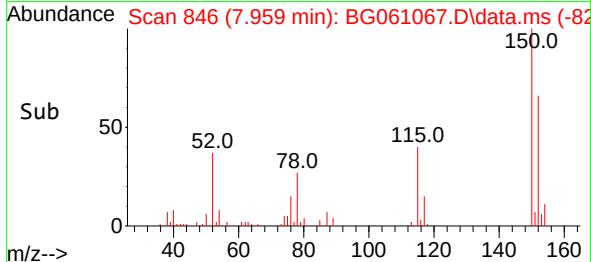
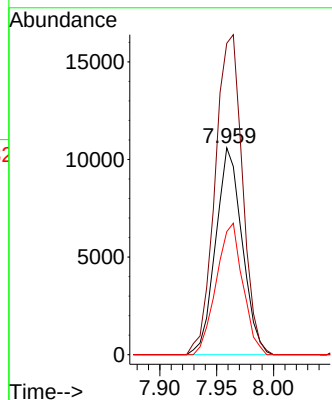
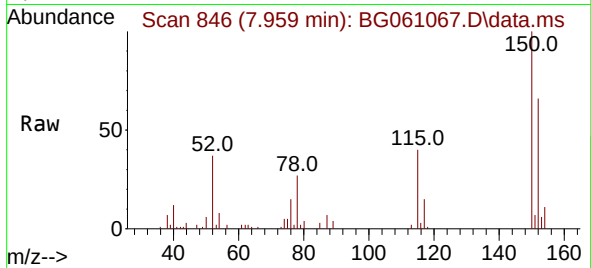




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.959 min Scan# 846
Delta R.T. -0.002 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

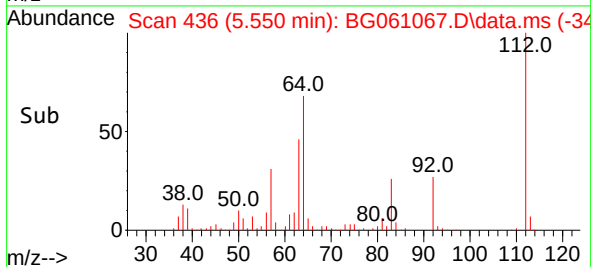
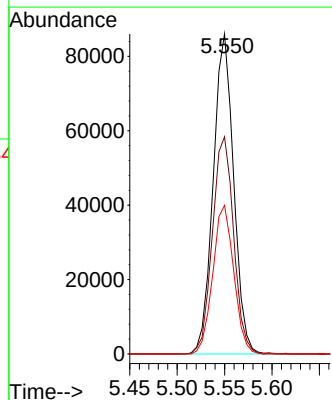
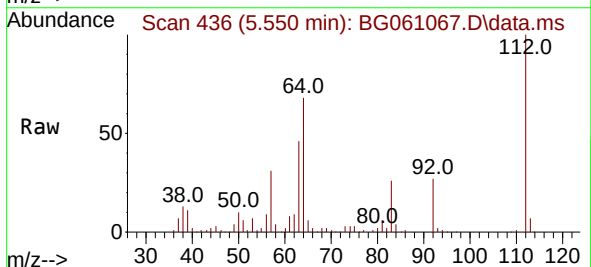
Instrument :
BNA_G
ClientSampleId :
PB160543BL

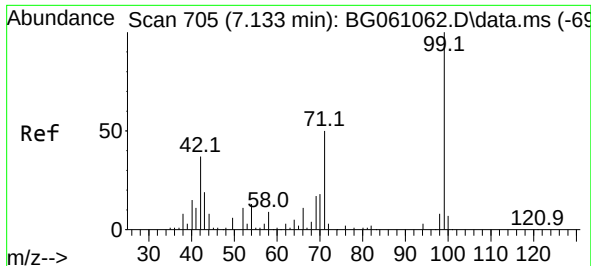
Tgt Ion:152 Resp: 17169
Ion Ratio Lower Upper
152 100
150 150.5 138.3 207.5
115 59.5 48.0 72.0



#5
2-Fluorophenol
Concen: 152.713 ng
RT: 5.550 min Scan# 436
Delta R.T. 0.003 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

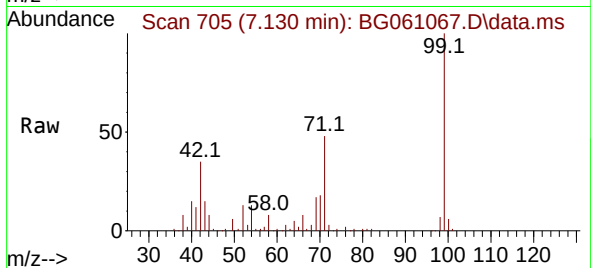
Tgt Ion:112 Resp: 128922
Ion Ratio Lower Upper
112 100
64 67.9 55.7 83.5
63 46.5 38.1 57.1





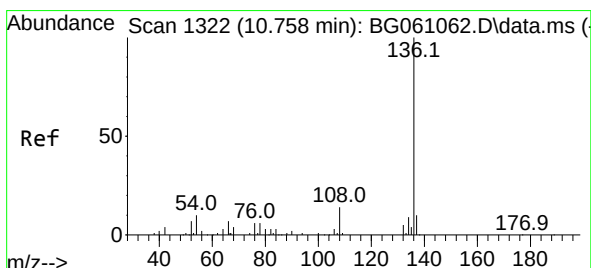
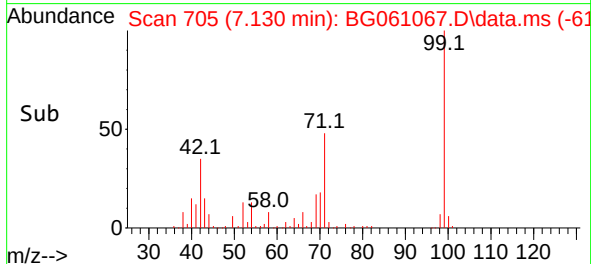
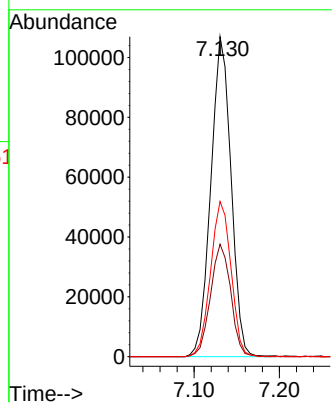
#7
Phenol-d6
Concen: 140.976 ng
RT: 7.130 min Scan# 705
Delta R.T. -0.003 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

Instrument :
BNA_G
ClientSampleId :
PB160543BL



Tgt Ion: 99 Resp: 176058

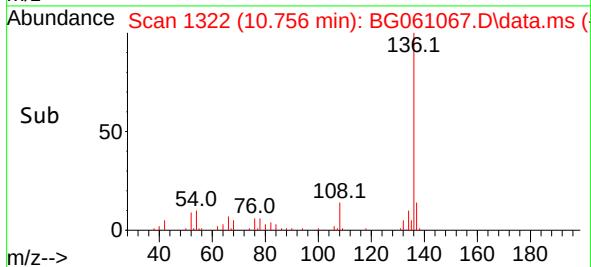
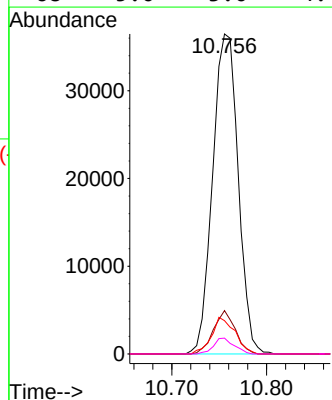
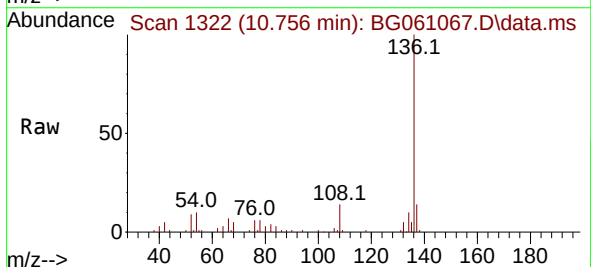
Ion	Ratio	Lower	Upper
99	100		
42	35.2	29.2	43.8
71	48.5	39.7	59.5

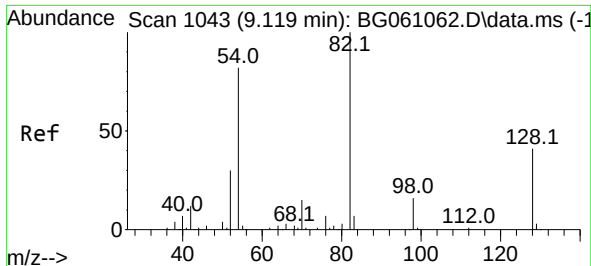


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.756 min Scan# 1322
Delta R.T. -0.003 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

Tgt Ion: 136 Resp: 68280

Ion	Ratio	Lower	Upper
136	100		
137	13.5	7.8	11.6#
54	10.4	8.1	12.1
68	5.0	3.0	4.4#





#23
Nitrobenzene-d5
Concen: 85.982 ng
RT: 9.116 min Scan# 1043
Delta R.T. -0.003 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

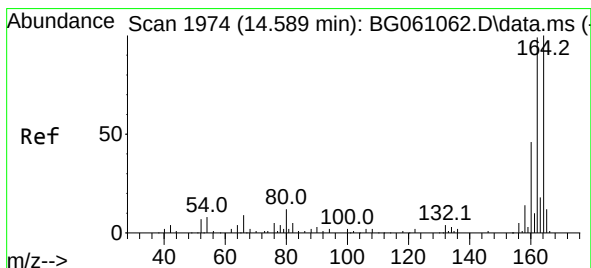
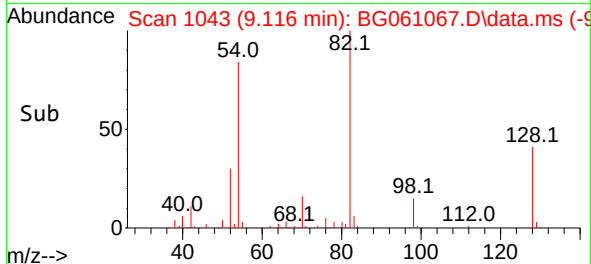
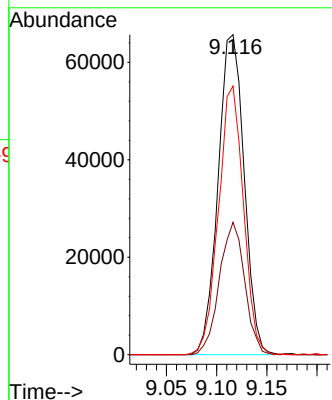
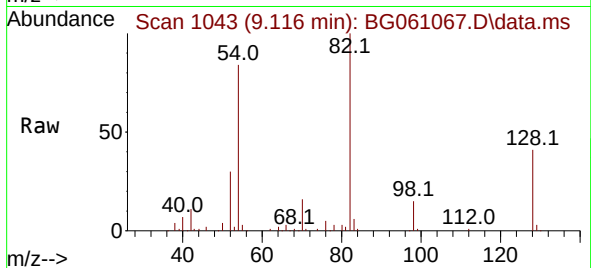
Instrument :

BNA_G

ClientSampleId :

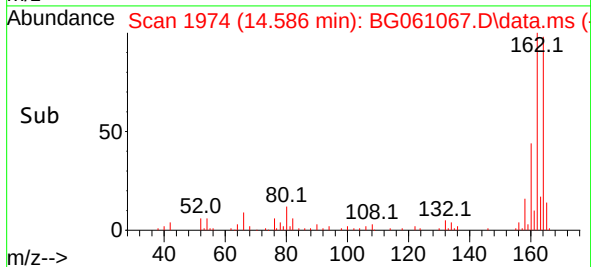
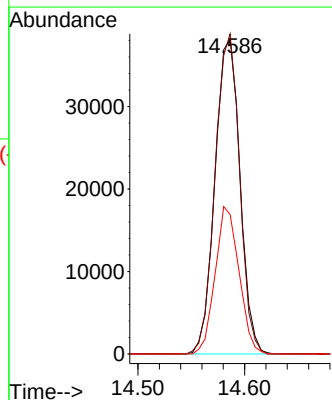
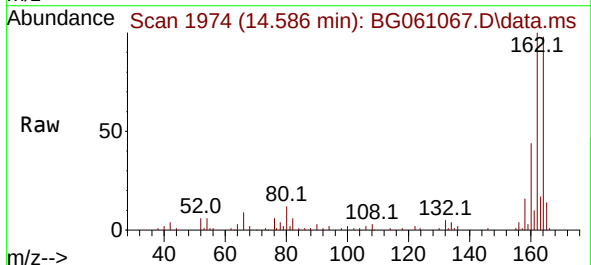
PB160543BL

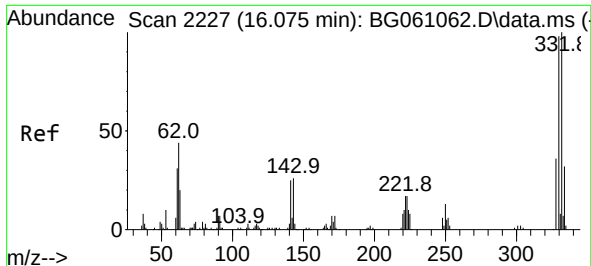
Tgt Ion: 82 Resp: 118430
Ion Ratio Lower Upper
82 100
128 41.4 32.7 49.1
54 84.0 65.6 98.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.586 min Scan# 1974
Delta R.T. -0.003 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

Tgt Ion:164 Resp: 62239
Ion Ratio Lower Upper
164 100
162 101.5 79.4 119.2
160 44.3 37.0 55.6

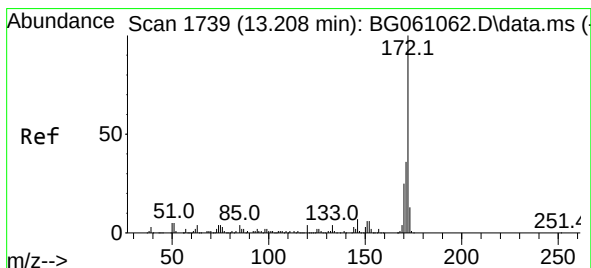
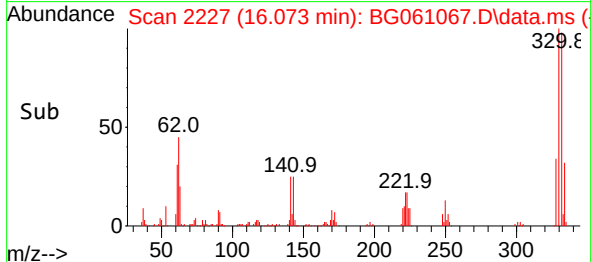
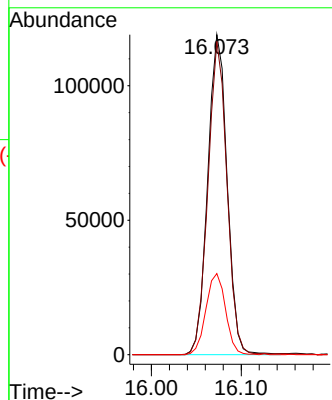
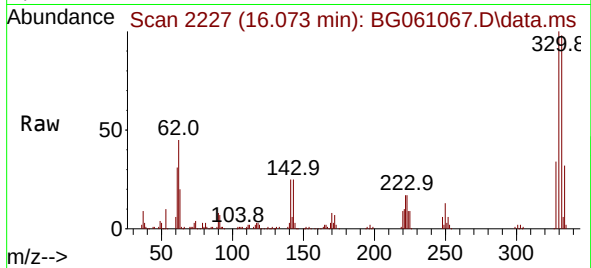




#42
2,4,6-Tribromophenol
Concen: 143.498 ng
RT: 16.073 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

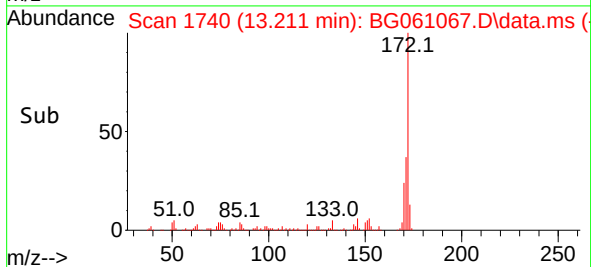
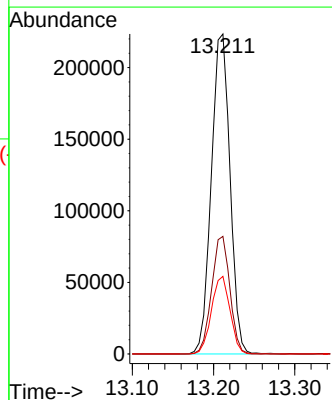
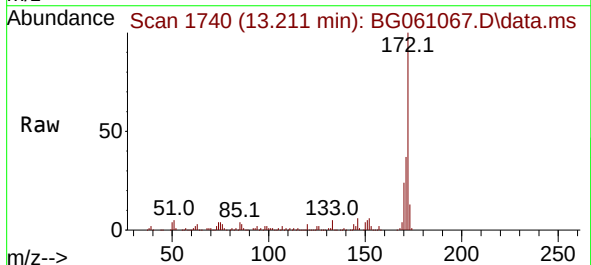
Instrument :
BNA_G
ClientSampleId :
PB160543BL

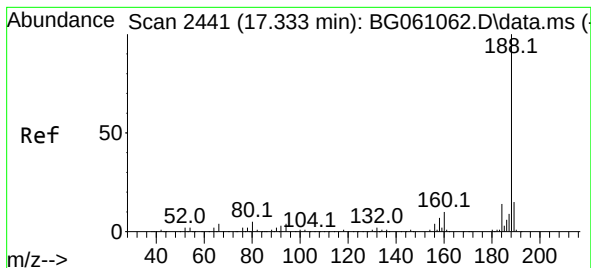
Tgt Ion:330 Resp: 178518
Ion Ratio Lower Upper
330 100
332 95.8 78.6 117.8
141 25.6 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 84.848 ng
RT: 13.211 min Scan# 1740
Delta R.T. 0.003 min
Lab File: BG061067.D
Acq: 30 Apr 2024 17:02

Tgt Ion:172 Resp: 357123
Ion Ratio Lower Upper
172 100
171 36.8 29.0 43.6
170 24.3 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.330 min Scan# 2441

Delta R.T. -0.003 min

Lab File: BG061067.D

Acq: 30 Apr 2024 17:02

Instrument :

BNA_G

ClientSampleId :

PB160543BL

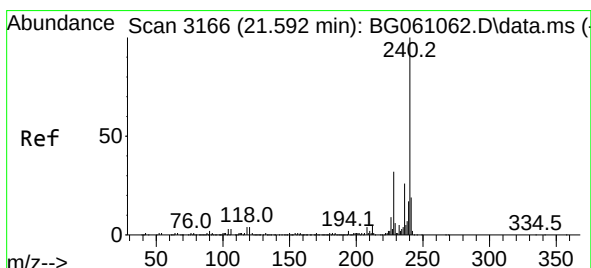
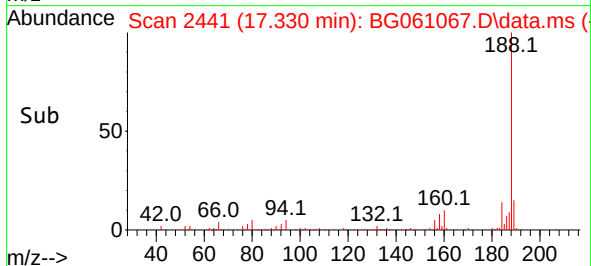
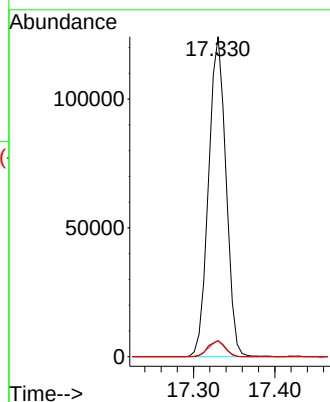
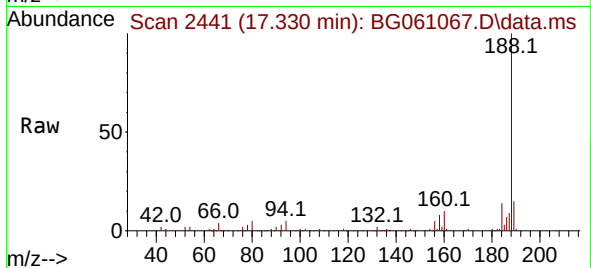
Tgt Ion:188 Resp: 184810

Ion Ratio Lower Upper

188 100

94 5.0 3.6 5.4

80 4.9 4.2 6.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.584 min Scan# 3165

Delta R.T. -0.008 min

Lab File: BG061067.D

Acq: 30 Apr 2024 17:02

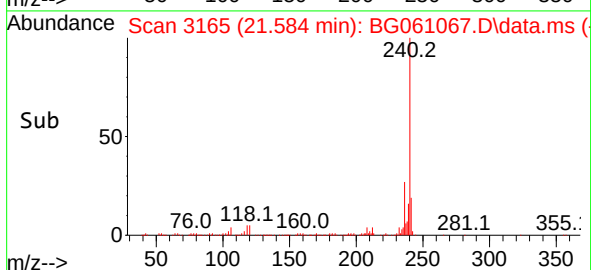
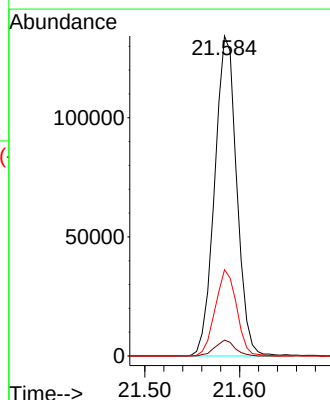
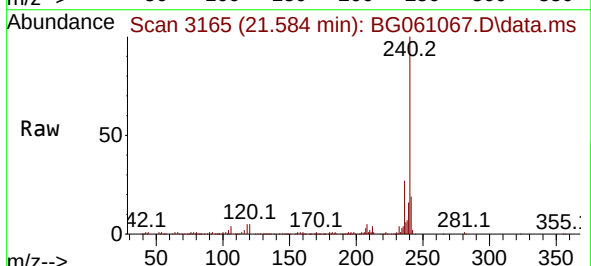
Tgt Ion:240 Resp: 216862

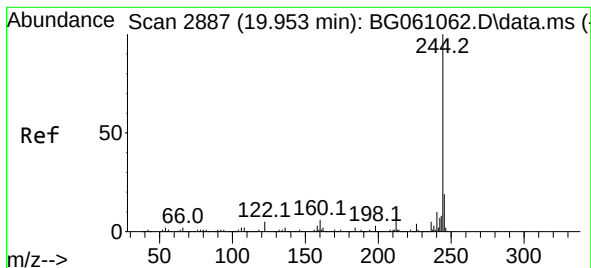
Ion Ratio Lower Upper

240 100

120 4.9 3.2 4.8#

236 26.9 21.0 31.6





#79

Terphenyl-d14

Concen: 86.661 ng

RT: 19.951 min Scan# 21

Delta R.T. -0.003 min

Lab File: BG061067.D

Acq: 30 Apr 2024 17:02

Instrument :

BNA_G

ClientSampleId :

PB160543BL

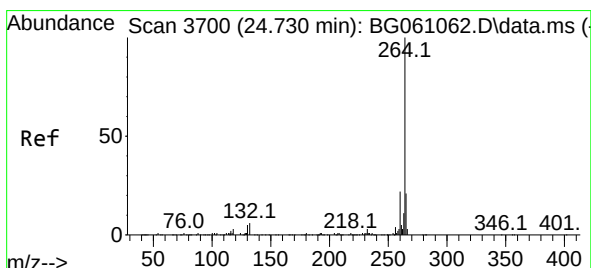
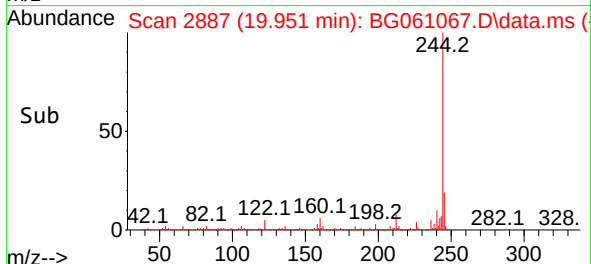
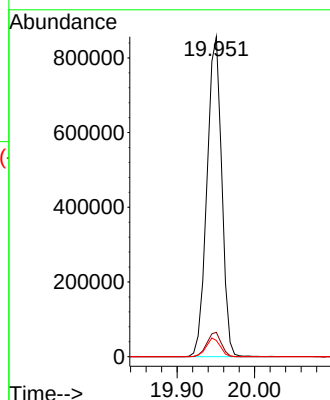
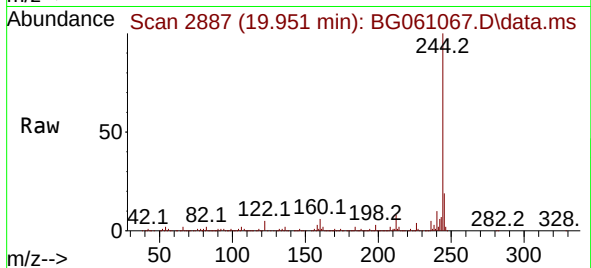
Tgt Ion:244 Resp: 1130005

Ion Ratio Lower Upper

244 100

212 7.6 5.7 8.5

122 5.1 4.2 6.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.716 min Scan# 3698

Delta R.T. -0.014 min

Lab File: BG061067.D

Acq: 30 Apr 2024 17:02

Tgt Ion:264 Resp: 244209

Ion Ratio Lower Upper

264 100

260 24.7 17.7 26.5

265 20.9 16.4 24.6

