

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050124\
 Data File : BG061070.D
 Acq On : 1 May 2024 10:25
 Operator : MA/JU
 Sample : PB160608BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB160608BL

Quant Time: May 01 11:25:07 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	7.961	152	17689	20.000	ng	0.00
21) Naphthalene-d8	10.752	136	66274	20.000	ng	# 0.00
39) Acenaphthene-d10	14.583	164	60156	20.000	ng	0.00
64) Phenanthrene-d10	17.327	188	177363	20.000	ng	0.00
76) Chrysene-d12	21.581	240	217356	20.000	ng	#-0.01
86) Perylene-d12	24.712	264	242476	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.547	112	137360	157.925	ng	0.00
7) Phenol-d6	7.127	99	188751	146.696	ng	0.00
23) Nitrobenzene-d5	9.113	82	128847	96.376	ng	0.00
42) 2,4,6-Tribromophenol	16.070	330	180779	150.347	ng	0.00
45) 2-Fluorobiphenyl	13.208	172	378183	92.962	ng	0.00
79) Terphenyl-d14	19.947	244	1222012	93.505	ng	0.00

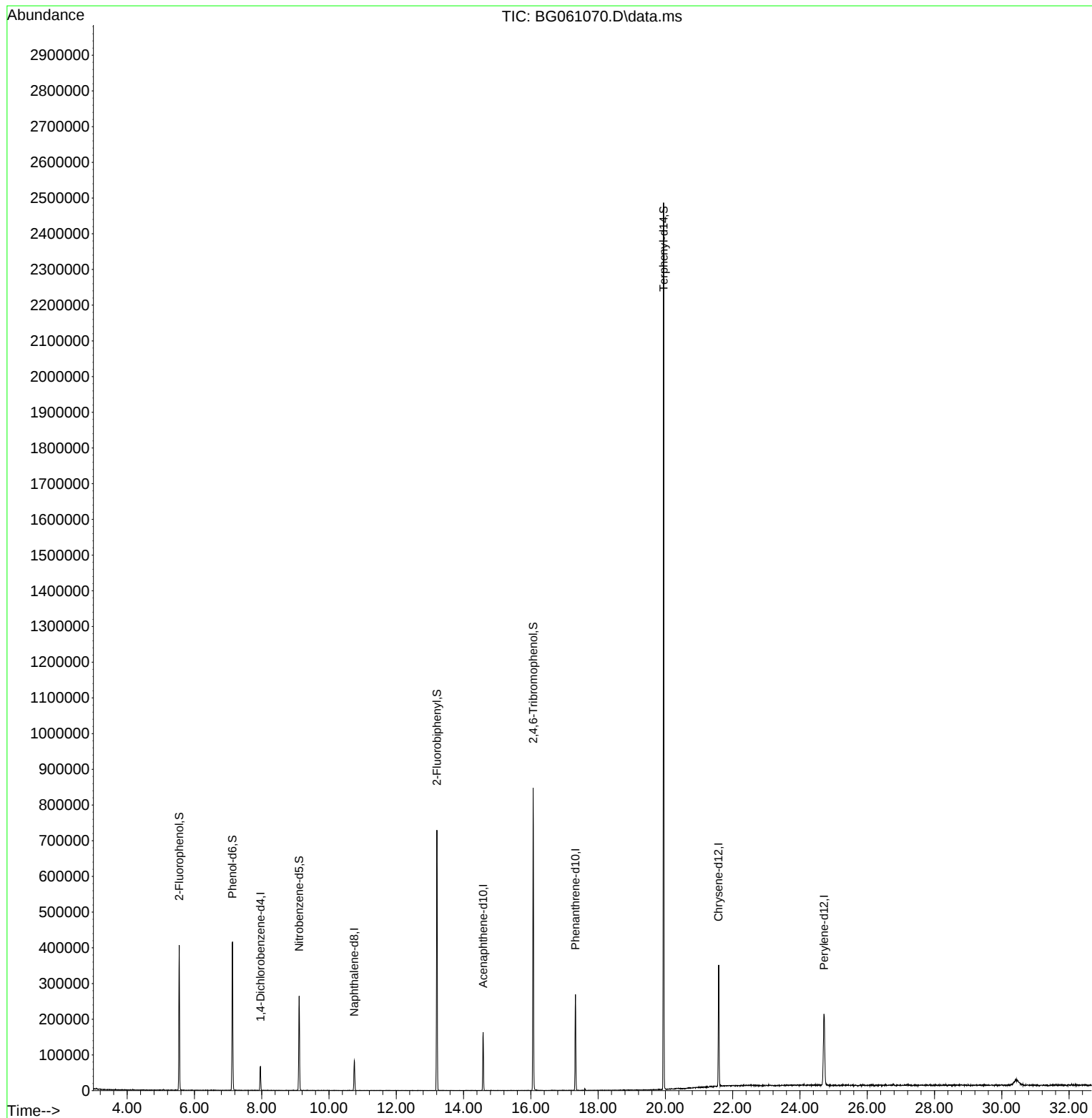
Target Compounds Qvalue

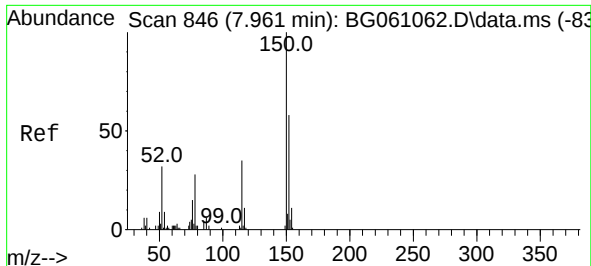
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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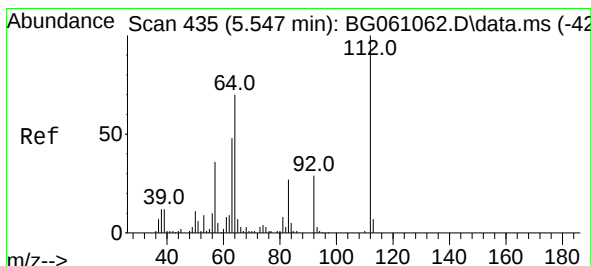
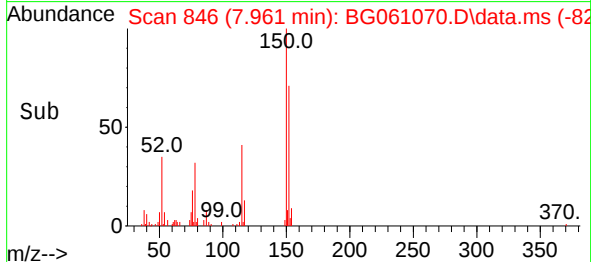
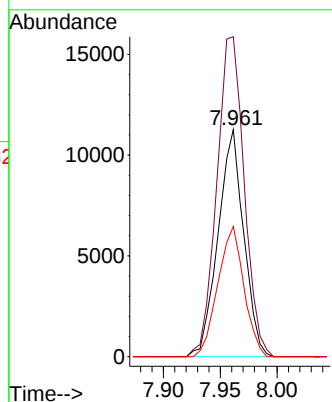
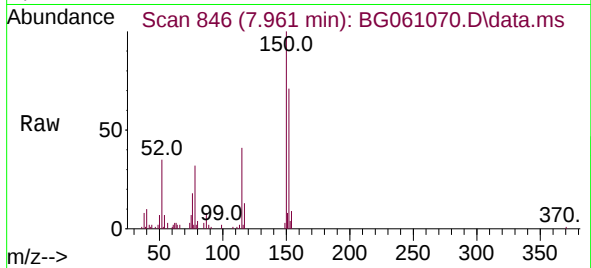




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.961 min Scan# 846
Delta R.T. 0.000 min
Lab File: BG061070.D
Acq: 1 May 2024 10:25

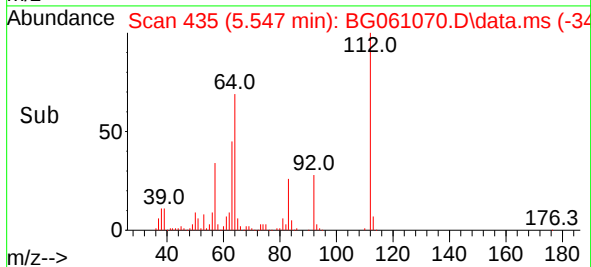
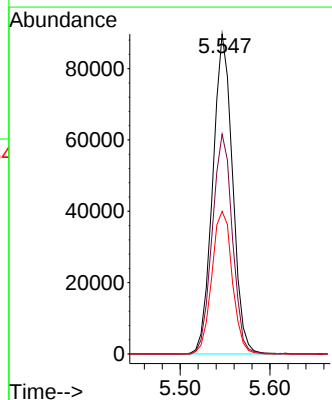
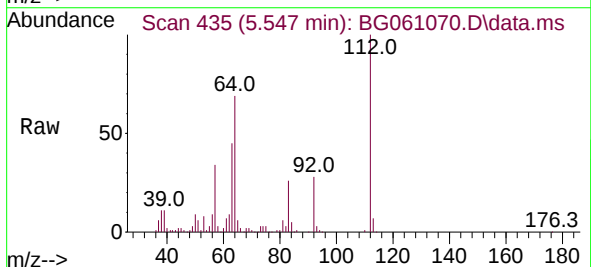
Instrument :
BNA_G
ClientSampleId :
PB160608BL

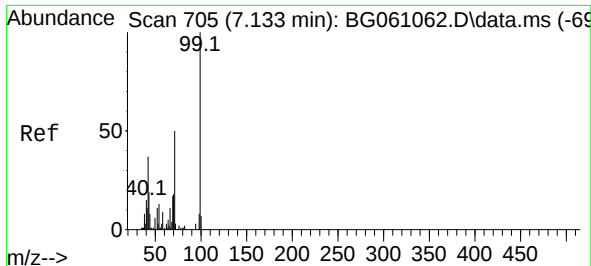
Tgt Ion:152 Resp: 17689
Ion Ratio Lower Upper
152 100
150 140.9 138.3 207.5
115 57.3 48.0 72.0



#5
2-Fluorophenol
Concen: 157.925 ng
RT: 5.547 min Scan# 435
Delta R.T. 0.000 min
Lab File: BG061070.D
Acq: 1 May 2024 10:25

Tgt Ion:112 Resp: 137360
Ion Ratio Lower Upper
112 100
64 68.7 55.7 83.5
63 44.6 38.1 57.1





#7

Phenol-d6

Concen: 146.696 ng

RT: 7.127 min Scan# 704

Delta R.T. -0.006 min

Lab File: BG061070.D

Acq: 1 May 2024 10:25

Instrument :

BNA_G

ClientSampleId :

PB160608BL

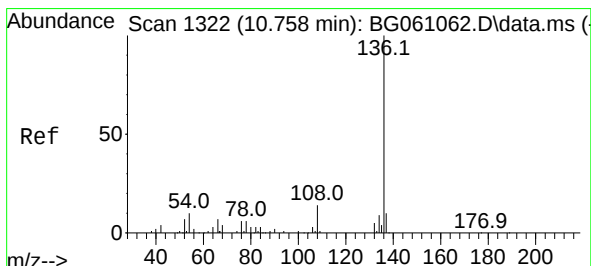
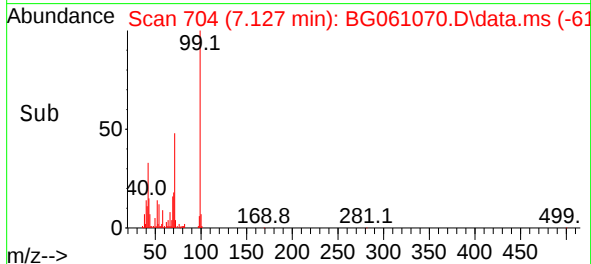
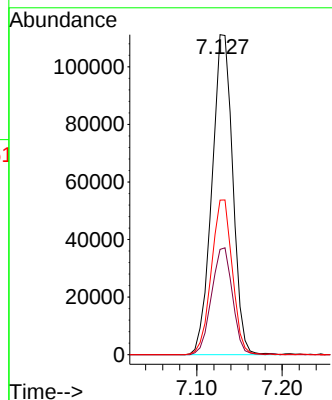
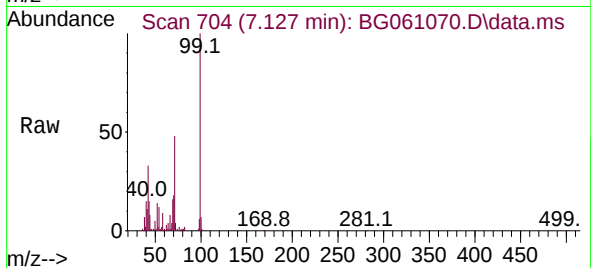
Tgt Ion: 99 Resp: 188751

Ion Ratio Lower Upper

99 100

42 32.9 29.2 43.8

71 48.3 39.7 59.5



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.752 min Scan# 1321

Delta R.T. -0.006 min

Lab File: BG061070.D

Acq: 1 May 2024 10:25

Tgt Ion:136 Resp: 66274

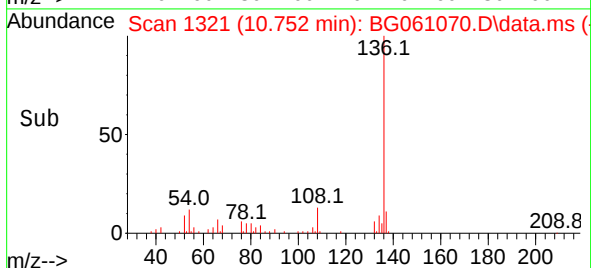
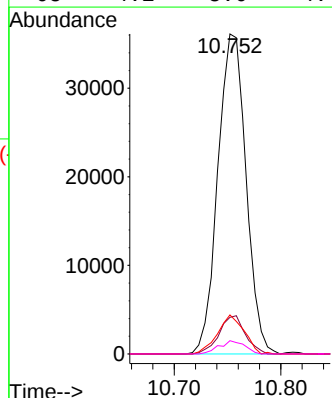
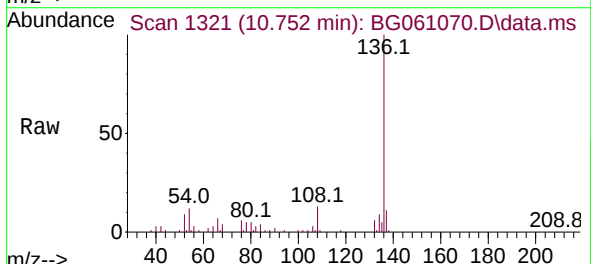
Ion Ratio Lower Upper

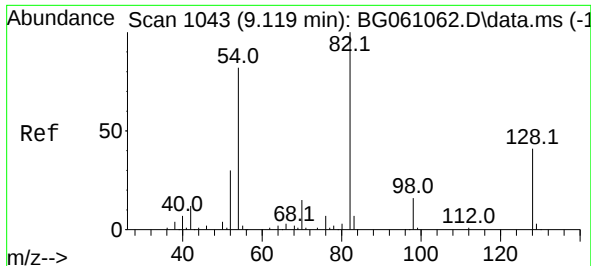
136 100

137 11.4 7.8 11.6

54 12.2 8.1 12.1#

68 4.2 3.0 4.4





#23
Nitrobenzene-d5
Concen: 96.376 ng
RT: 9.113 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BG061070.D
Acq: 1 May 2024 10:25

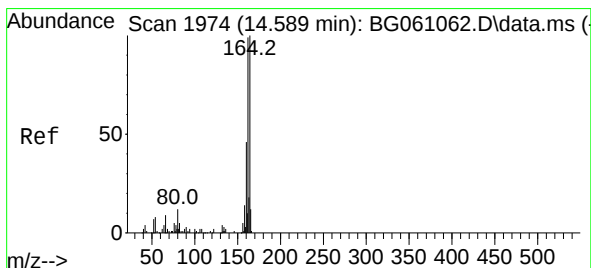
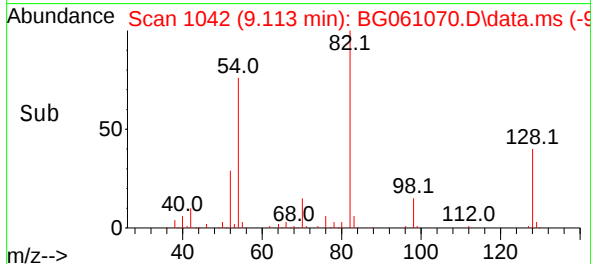
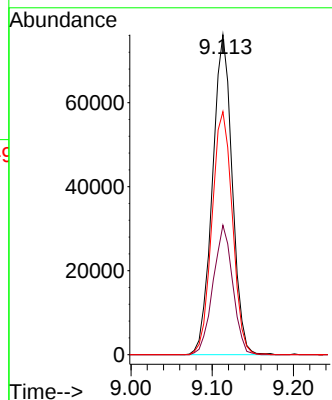
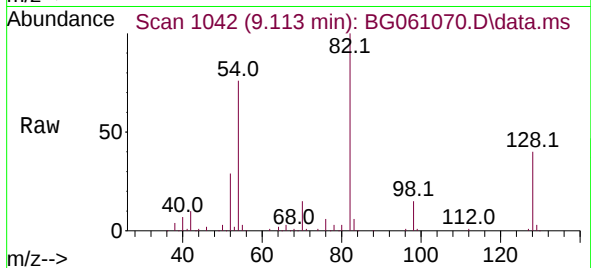
Instrument :

BNA_G

ClientSampleId :

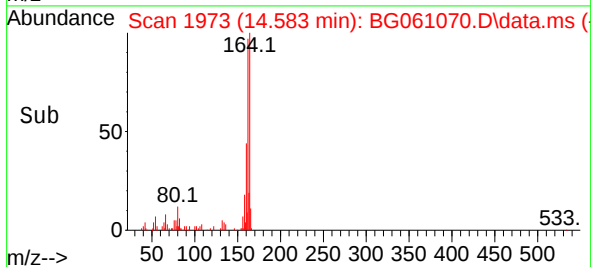
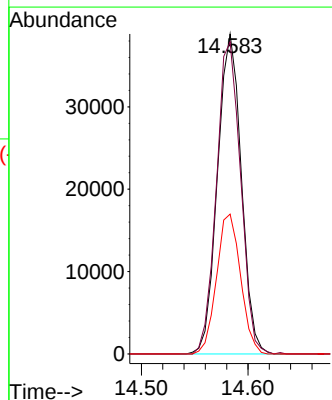
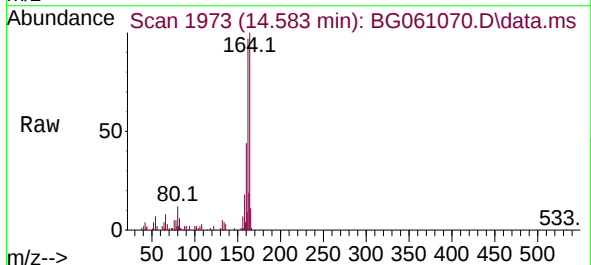
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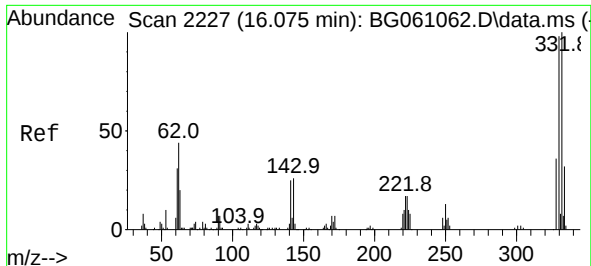
Tgt Ion: 82 Resp: 128847
Ion Ratio Lower Upper
82 100
128 40.4 32.7 49.1
54 75.9 65.6 98.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.583 min Scan# 1973
Delta R.T. -0.006 min
Lab File: BG061070.D
Acq: 1 May 2024 10:25

Tgt Ion:164 Resp: 60156
Ion Ratio Lower Upper
164 100
162 97.5 79.4 119.2
160 43.7 37.0 55.6





#42

2,4,6-Tribromophenol

Concen: 150.347 ng

RT: 16.070 min Scan# 2227

Delta R.T. -0.006 min

Lab File: BG061070.D

Acq: 1 May 2024 10:25

Instrument :

BNA_G

ClientSampleId :

PB160608BL

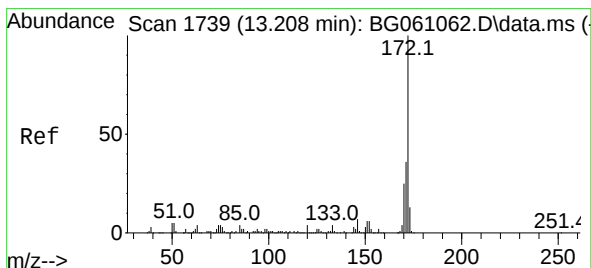
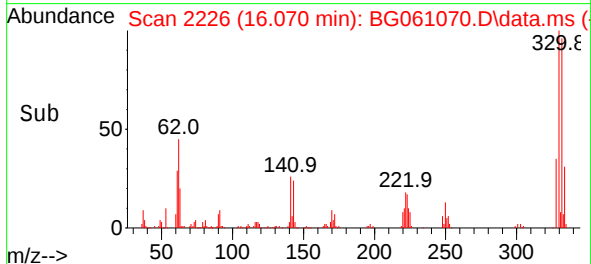
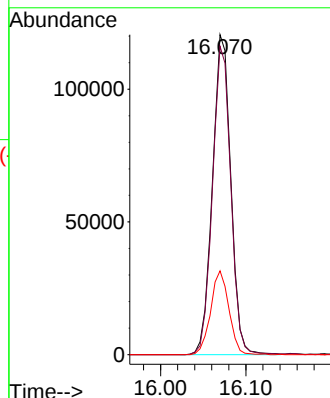
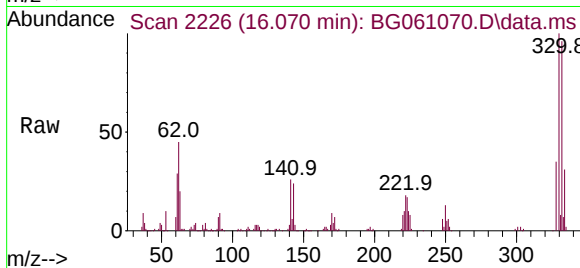
Tgt Ion:330 Resp: 180779

Ion Ratio Lower Upper

330 100

332 96.0 78.6 117.8

141 26.0 20.5 30.7



#45

2-Fluorobiphenyl

Concen: 92.962 ng

RT: 13.208 min Scan# 1739

Delta R.T. 0.000 min

Lab File: BG061070.D

Acq: 1 May 2024 10:25

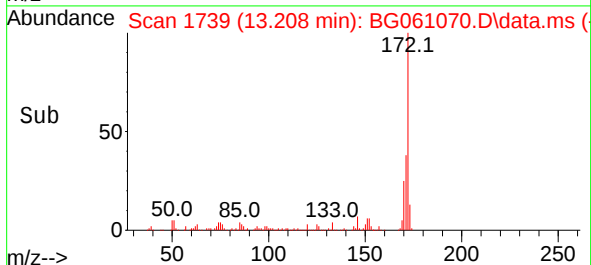
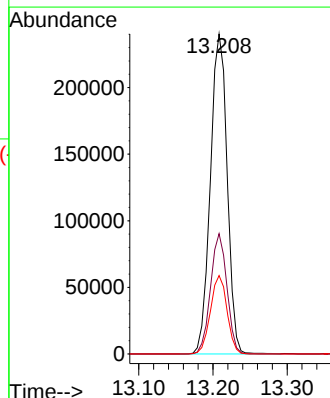
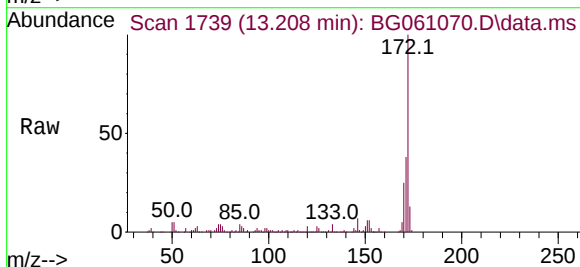
Tgt Ion:172 Resp: 378183

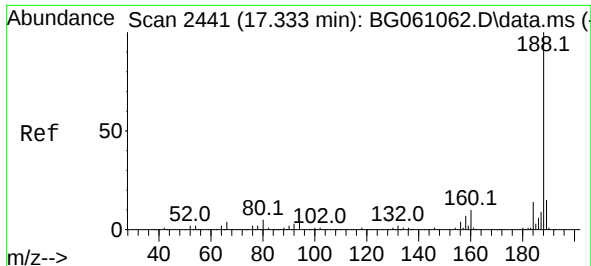
Ion Ratio Lower Upper

172 100

171 37.6 29.0 43.6

170 24.5 20.2 30.4

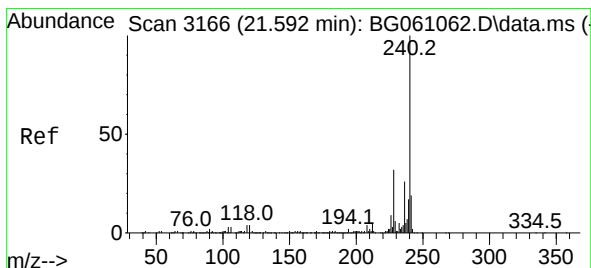
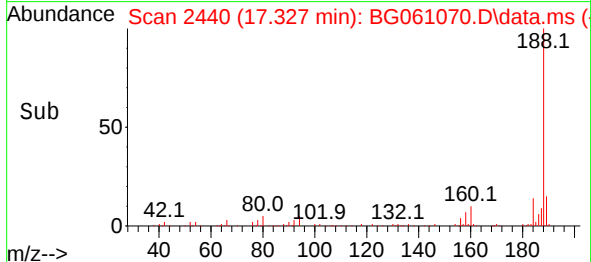
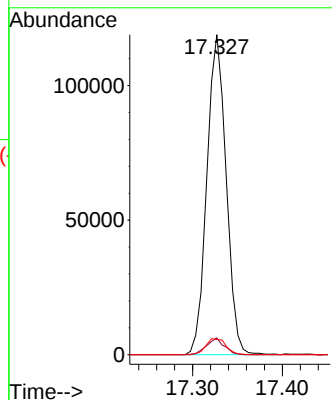
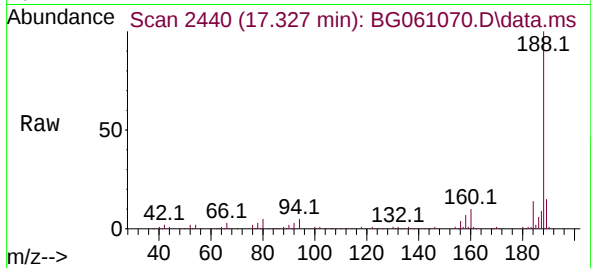




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.327 min Scan# 2440
Delta R.T. -0.006 min
Lab File: BG061070.D
Acq: 1 May 2024 10:25

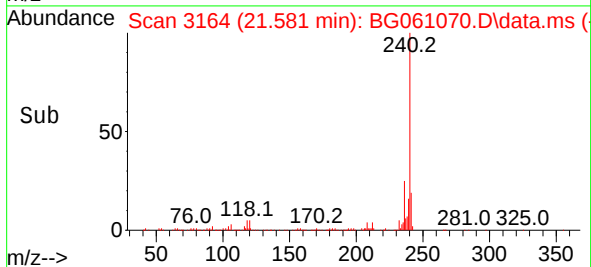
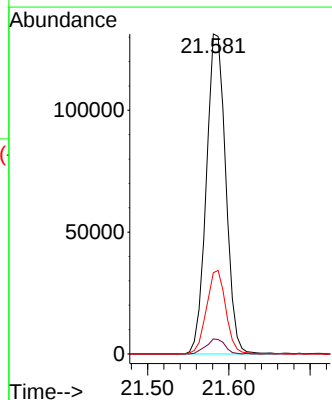
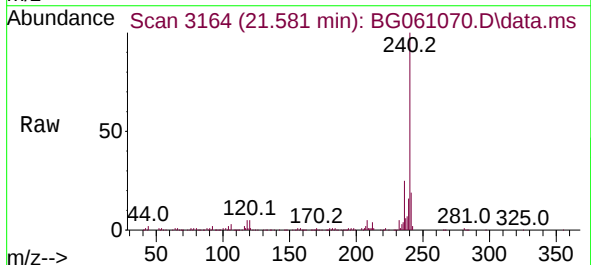
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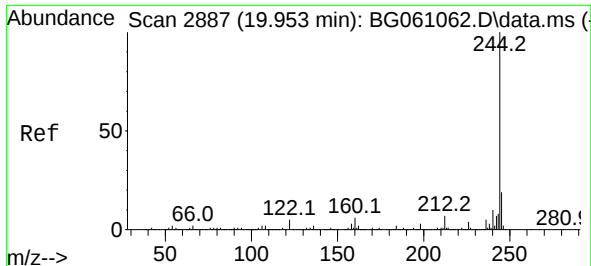
Tgt Ion:188 Resp: 177363
Ion Ratio Lower Upper
188 100
94 5.2 3.6 5.4
80 4.8 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.581 min Scan# 3164
Delta R.T. -0.012 min
Lab File: BG061070.D
Acq: 1 May 2024 10:25

Tgt Ion:240 Resp: 217356
Ion Ratio Lower Upper
240 100
120 5.5 3.2 4.8#
236 25.4 21.0 31.6

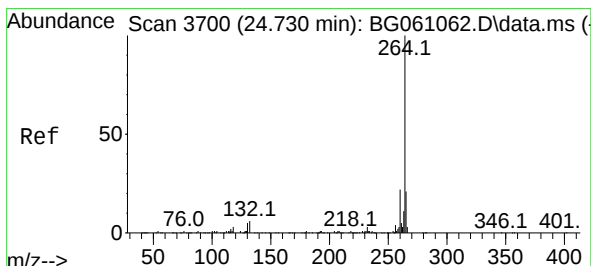
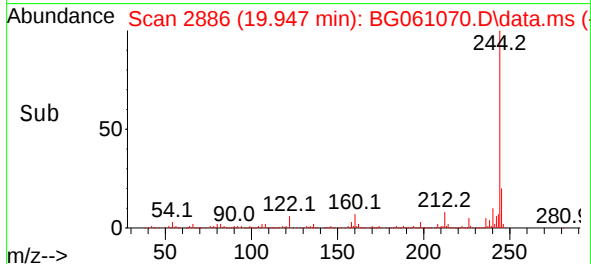
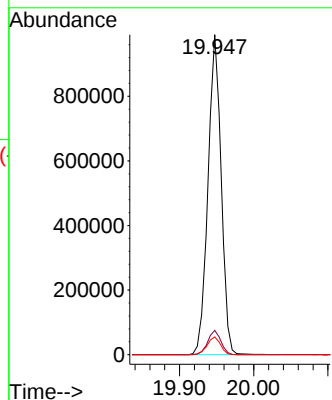
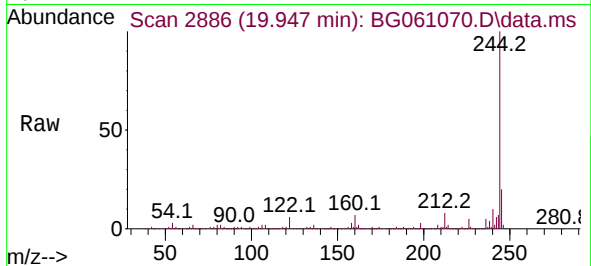




#79
Terphenyl-d14
Concen: 93.505 ng
RT: 19.947 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG061070.D
Acq: 1 May 2024 10:25

Instrument :
BNA_G
ClientSampleId :
PB160608BL

Tgt Ion:244 Resp: 1222012
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 5.5 4.2 6.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.712 min Scan# 3697
Delta R.T. -0.017 min
Lab File: BG061070.D
Acq: 1 May 2024 10:25

Tgt Ion:264 Resp: 242476
Ion Ratio Lower Upper
264 100
260 22.8 17.7 26.5
265 20.8 16.4 24.6

