

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050224\
Data File : BG061087.D
Acq On : 2 May 2024 10:31
Operator : MA/JU
Sample : PB160643BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160643BL

Quant Time: May 02 11:49:47 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	7.953	152	17297	20.000	ng	0.00
21) Naphthalene-d8	10.744	136	64242	20.000	ng	#-0.01
39) Acenaphthene-d10	14.575	164	52337	20.000	ng	-0.01
64) Phenanthrene-d10	17.325	188	159743	20.000	ng	0.00
76) Chrysene-d12	21.578	240	184776	20.000	ng	-0.01
86) Perylene-d12	24.704	264	212041	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.544	112	120986	142.252	ng	0.00
7) Phenol-d6	7.125	99	160851	127.846	ng	0.00
23) Nitrobenzene-d5	9.105	82	113043	87.229	ng	-0.01
42) 2,4,6-Tribromophenol	16.067	330	163176	155.981	ng	0.00
45) 2-Fluorobiphenyl	13.200	172	328070	92.692	ng	0.00
79) Terphenyl-d14	19.945	244	995759	89.627	ng	0.00

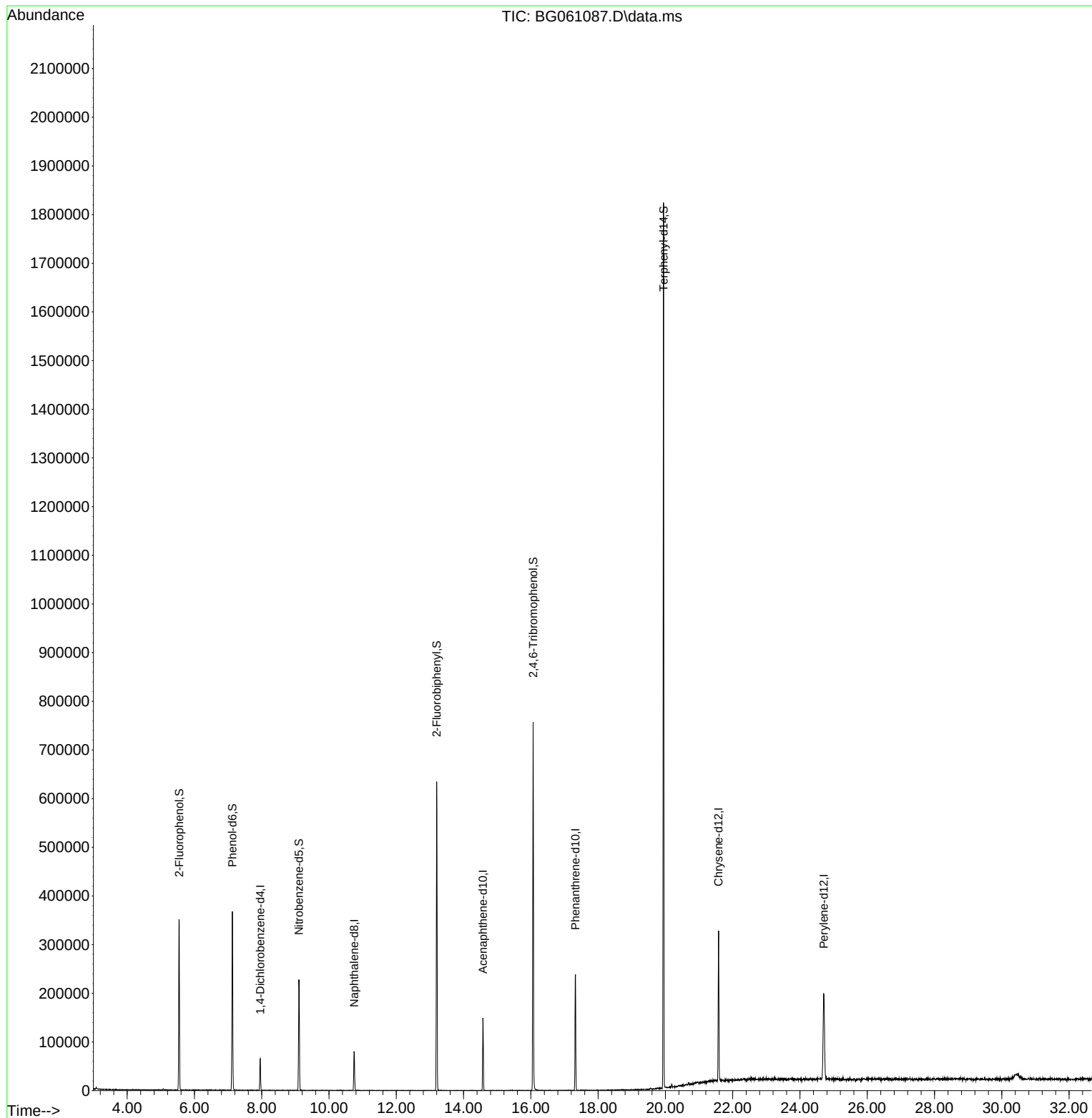
Target Compounds	Qvalue

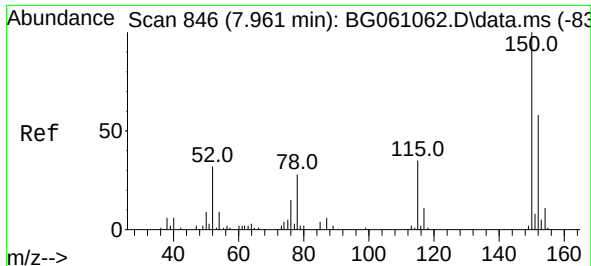
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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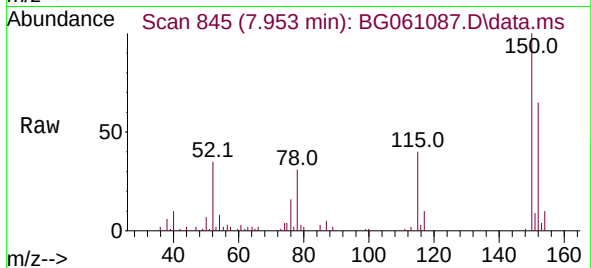
Quant Time: May 02 11:49:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
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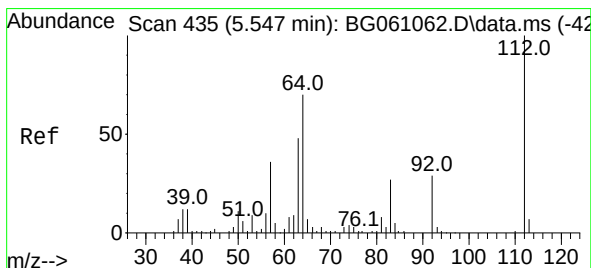
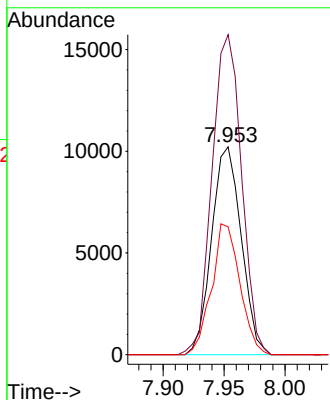
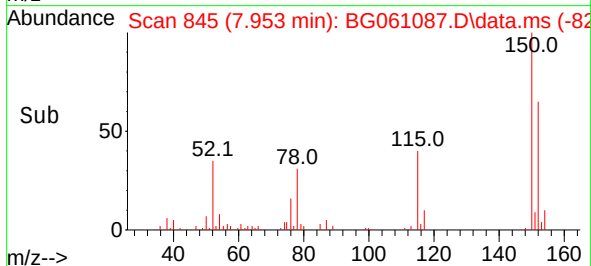


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.953 min Scan# 846
Delta R.T. -0.008 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Instrument :
BNA_G
ClientSampleId :
PB160643BL

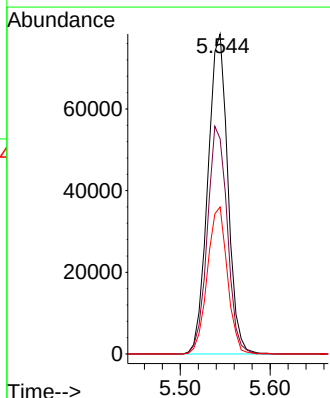
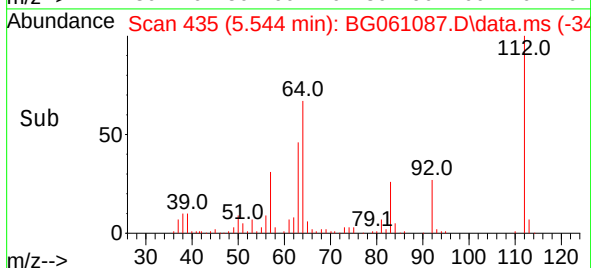
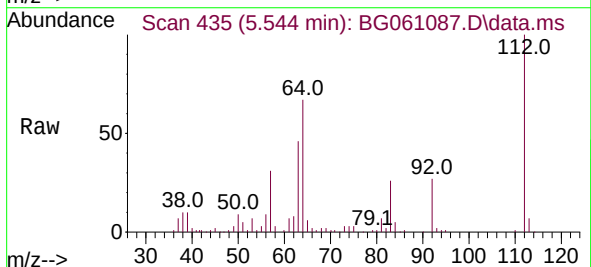


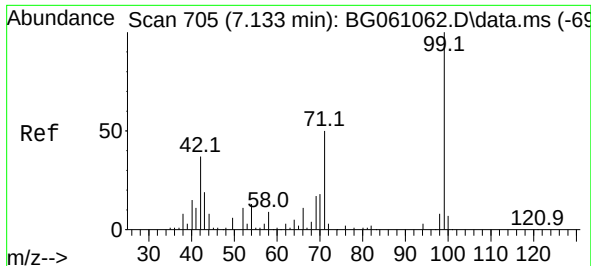
Tgt Ion:152 Resp: 17297
Ion Ratio Lower Upper
152 100
150 153.9 138.3 207.5
115 61.5 48.0 72.0



#5
2-Fluorophenol
Concen: 142.252 ng
RT: 5.544 min Scan# 435
Delta R.T. -0.002 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Tgt Ion:112 Resp: 120986
Ion Ratio Lower Upper
112 100
64 67.3 55.7 83.5
63 45.9 38.1 57.1

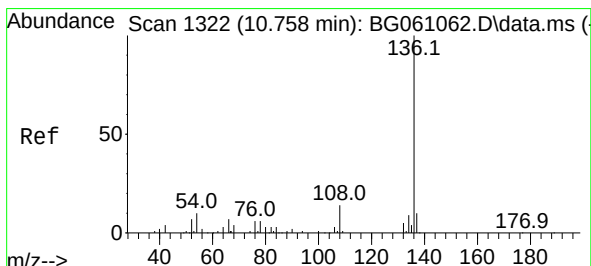
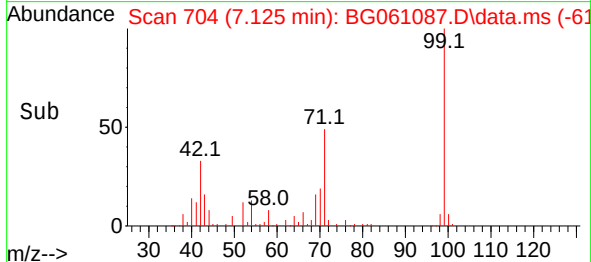
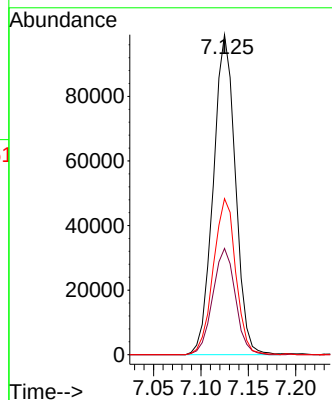
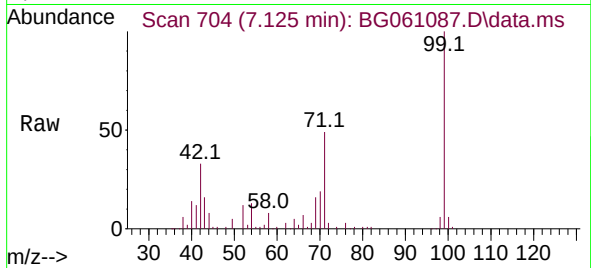




#7
Phenol-d6
Concen: 127.846 ng
RT: 7.125 min Scan# 704
Delta R.T. -0.008 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

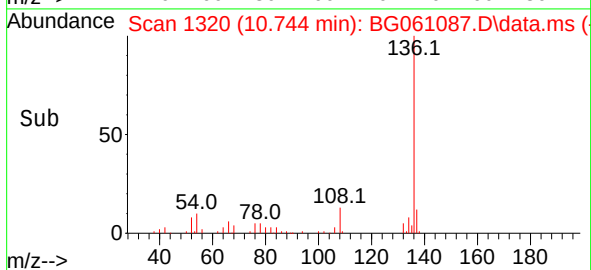
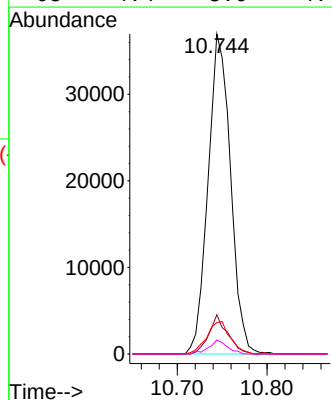
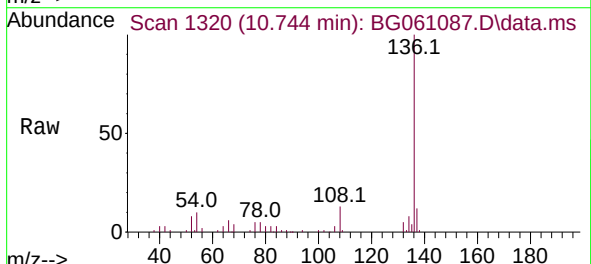
Instrument :
BNA_G
ClientSampleId :
PB160643BL

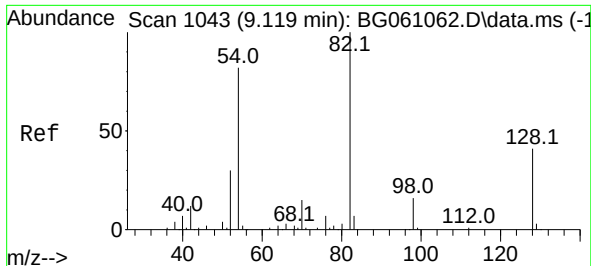
Tgt Ion: 99 Resp: 160851
Ion Ratio Lower Upper
99 100
42 33.2 29.2 43.8
71 48.7 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.744 min Scan# 1320
Delta R.T. -0.014 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Tgt Ion:136 Resp: 64242
Ion Ratio Lower Upper
136 100
137 12.2 7.8 11.6#
54 9.8 8.1 12.1
68 4.4 3.0 4.4





#23

Nitrobenzene-d5

Concen: 87.229 ng

RT: 9.105 min Scan# 1

Delta R.T. -0.014 min

Lab File: BG061087.D

Acq: 2 May 2024 10:31

Instrument :

BNA_G

ClientSampleId :

PB160643BL

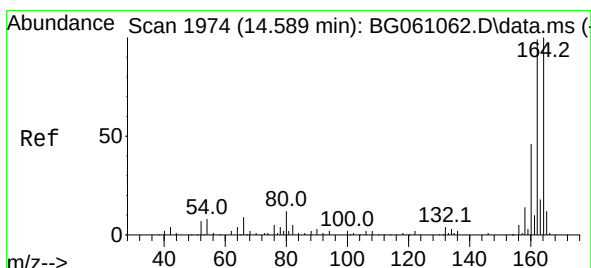
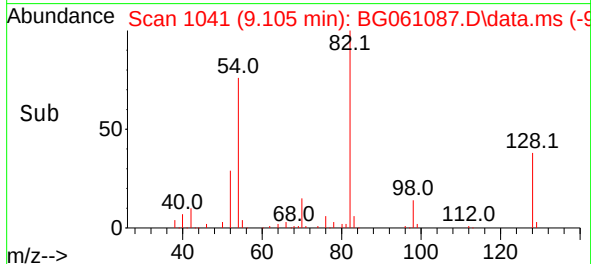
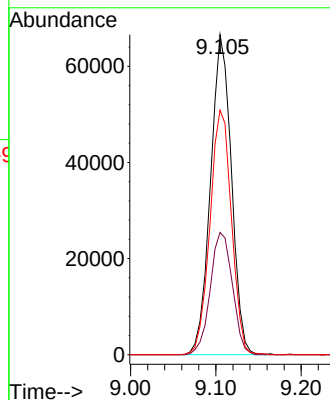
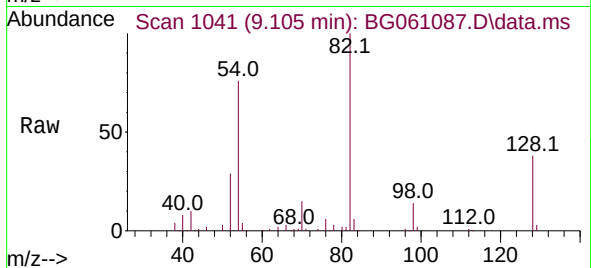
Tgt Ion: 82 Resp: 113043

Ion Ratio Lower Upper

82 100

128 38.2 32.7 49.1

54 76.4 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.575 min Scan# 1972

Delta R.T. -0.014 min

Lab File: BG061087.D

Acq: 2 May 2024 10:31

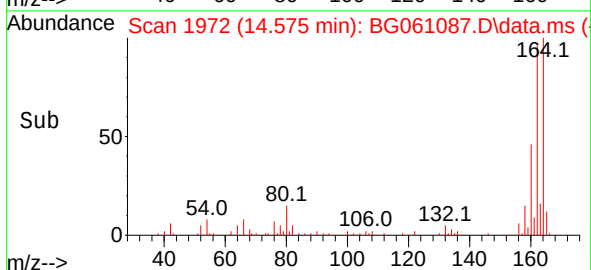
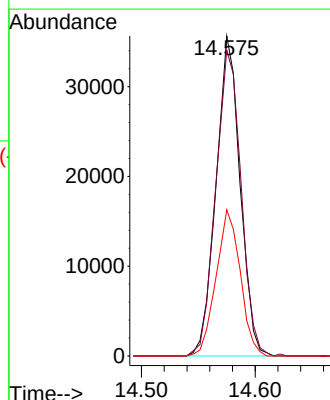
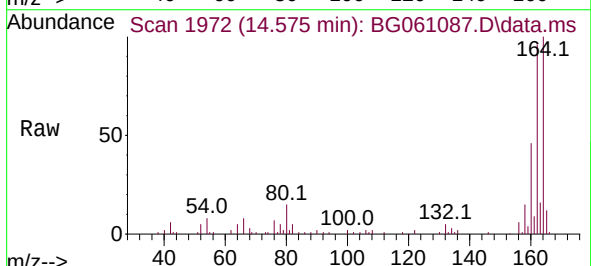
Tgt Ion:164 Resp: 52337

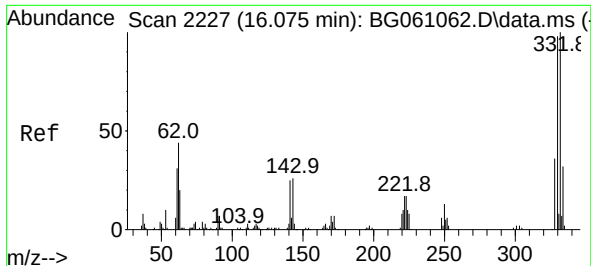
Ion Ratio Lower Upper

164 100

162 95.6 79.4 119.2

160 45.7 37.0 55.6

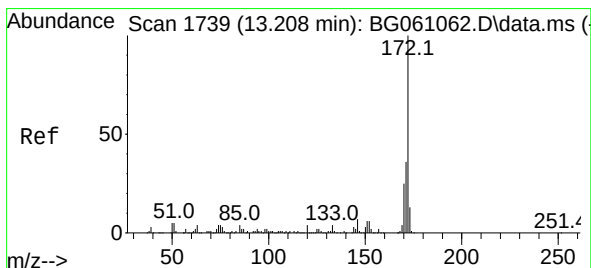
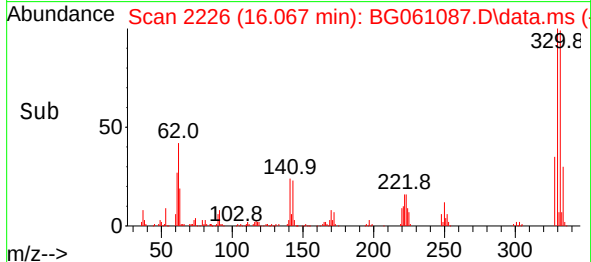
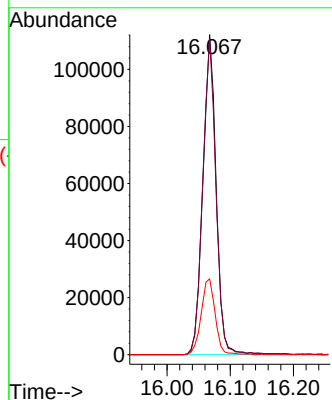
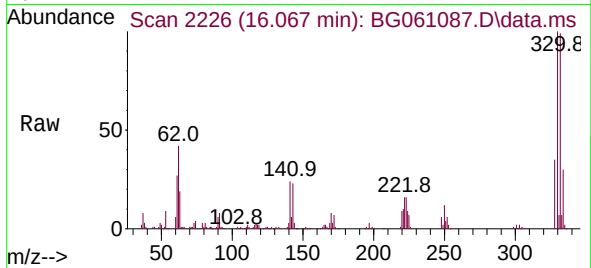




#42
2,4,6-Tribromophenol
Concen: 155.981 ng
RT: 16.067 min Scan# 21
Delta R.T. -0.008 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

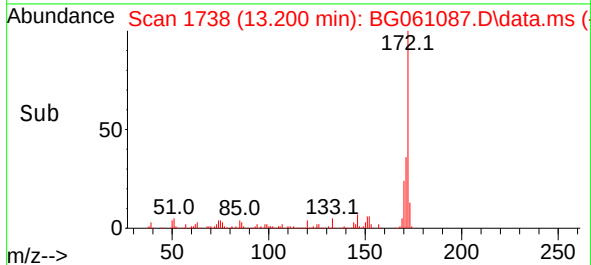
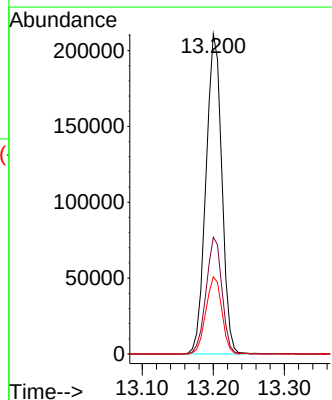
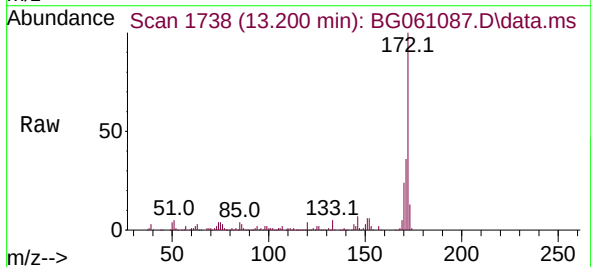
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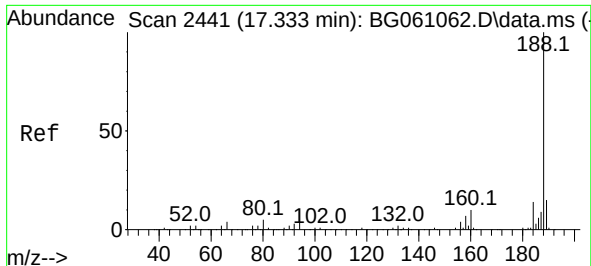
Tgt Ion:330 Resp: 163176
Ion Ratio Lower Upper
330 100
332 98.6 78.6 117.8
141 25.0 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 92.692 ng
RT: 13.200 min Scan# 1738
Delta R.T. -0.008 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Tgt Ion:172 Resp: 328070
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.1 20.2 30.4

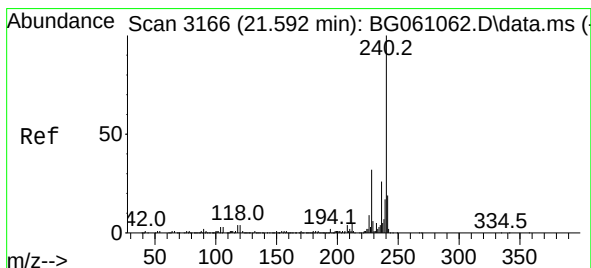
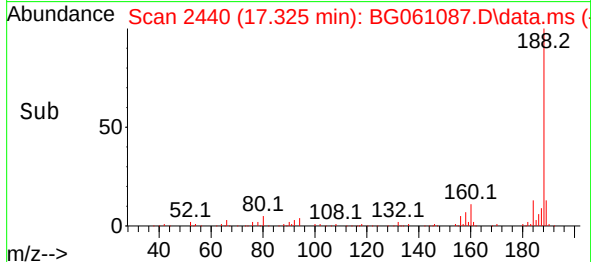
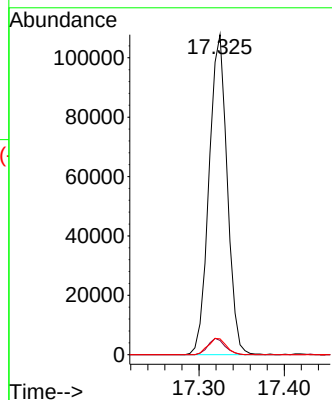
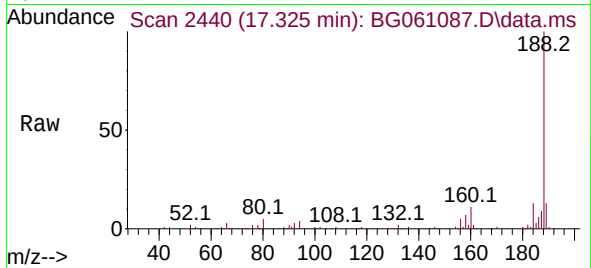




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.325 min Scan# 2440
Delta R.T. -0.008 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

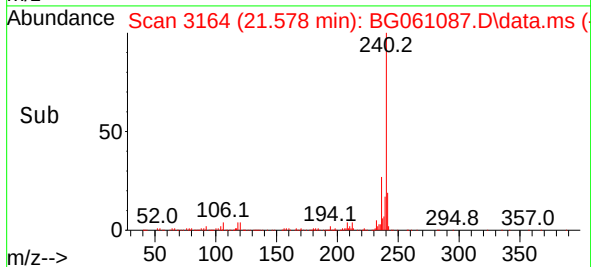
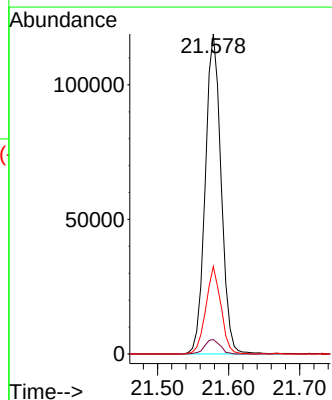
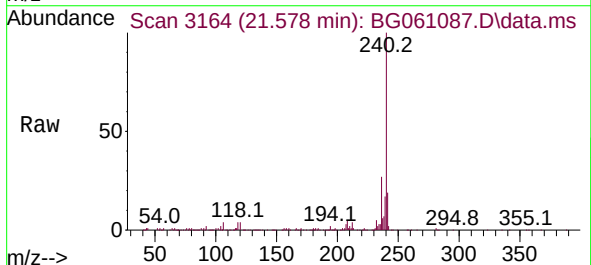
Instrument :
BNA_G
ClientSampleId :
PB160643BL

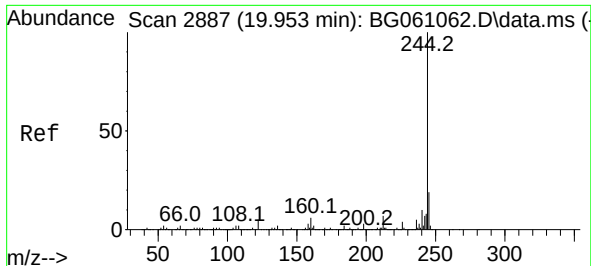
Tgt Ion:188 Resp: 159743
Ion Ratio Lower Upper
188 100
94 4.5 3.6 5.4
80 4.9 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.578 min Scan# 3164
Delta R.T. -0.014 min
Lab File: BG061087.D
Acq: 2 May 2024 10:31

Tgt Ion:240 Resp: 184776
Ion Ratio Lower Upper
240 100
120 4.5 3.2 4.8
236 27.3 21.0 31.6





#79

Terphenyl-d14

Concen: 89.627 ng

RT: 19.945 min Scan# 21

Delta R.T. -0.008 min

Lab File: BG061087.D

Acq: 2 May 2024 10:31

Instrument :

BNA_G

ClientSampleId :

PB160643BL

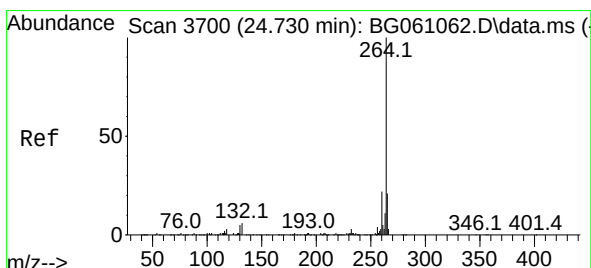
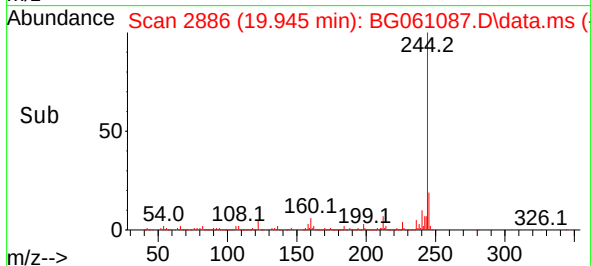
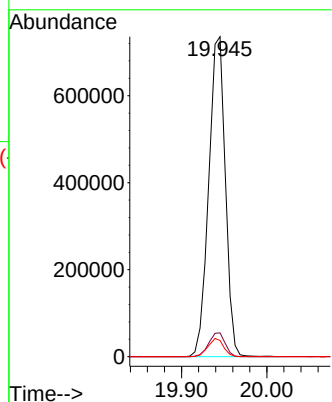
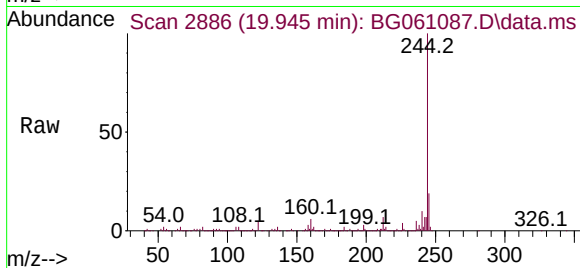
Tgt Ion:244 Resp: 995759

Ion Ratio Lower Upper

244 100

212 7.5 5.7 8.5

122 5.1 4.2 6.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.704 min Scan# 3696

Delta R.T. -0.026 min

Lab File: BG061087.D

Acq: 2 May 2024 10:31

Tgt Ion:264 Resp: 212041

Ion Ratio Lower Upper

264 100

260 23.9 17.7 26.5

265 21.7 16.4 24.6

