

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
Data File : BG061174.D
Acq On : 13 May 2024 13:53
Operator : MA/JU
Sample : PB160833TB
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160833TB

Quant Time: May 13 14:33:35 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	7.930	152	18053	20.000	ng	-0.03
21) Naphthalene-d8	10.726	136	73133	20.000	ng	-0.03
39) Acenaphthene-d10	14.563	164	62738	20.000	ng	-0.03
64) Phenanthrene-d10	17.313	188	174494	20.000	ng	#-0.02
76) Chrysene-d12	21.567	240	185955	20.000	ng	#-0.03
86) Perylene-d12	24.692	264	214033	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.527	112	159566	179.757	ng	-0.02
7) Phenol-d6	7.107	99	191093	145.522	ng	-0.03
23) Nitrobenzene-d5	9.087	82	130740	88.620	ng	-0.03
42) 2,4,6-Tribromophenol	16.055	330	160749	128.187	ng	-0.02
45) 2-Fluorobiphenyl	13.182	172	363670	85.716	ng	-0.03
79) Terphenyl-d14	19.927	244	981132	87.750	ng	-0.03

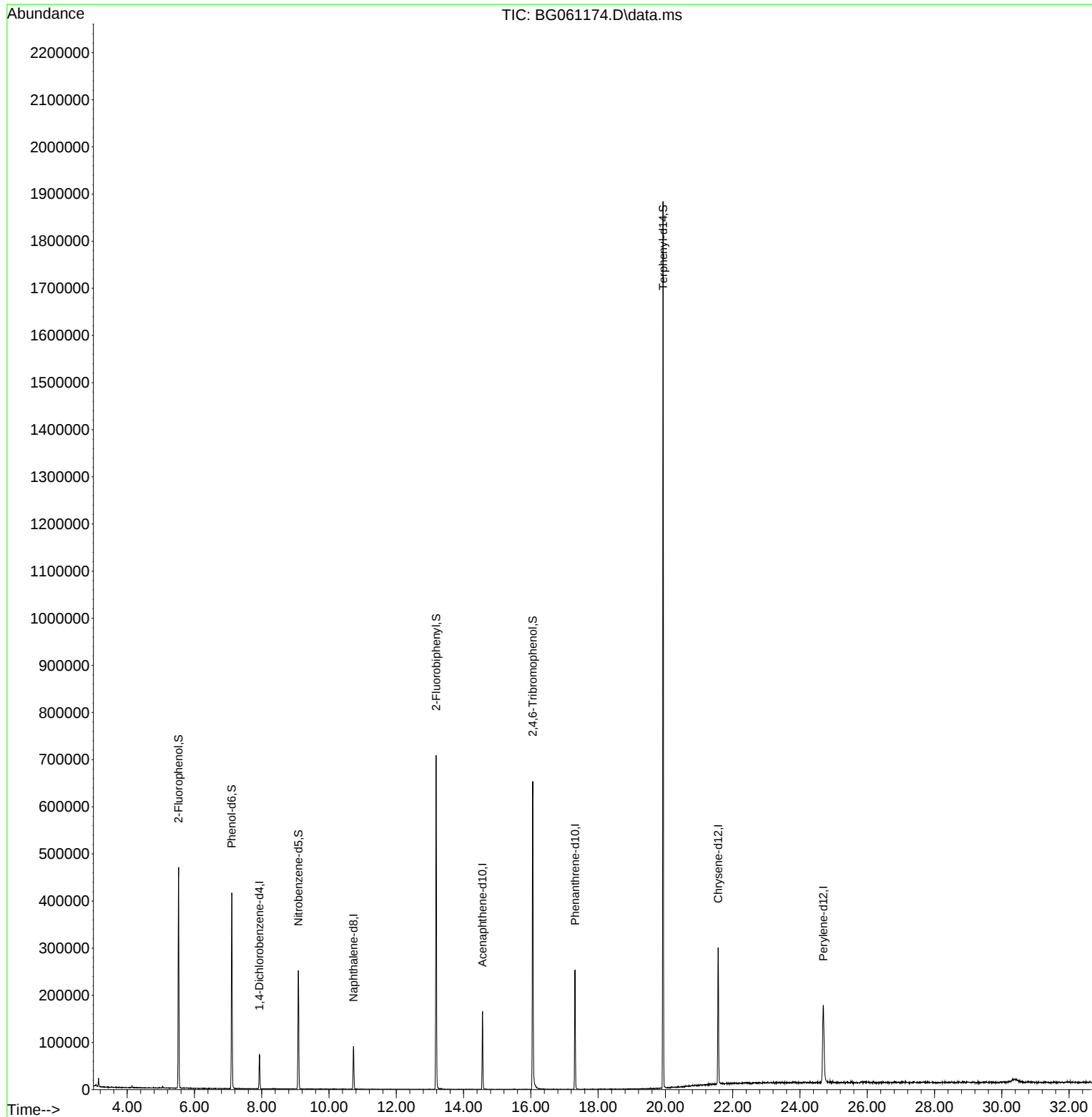
Target Compounds	Qvalue

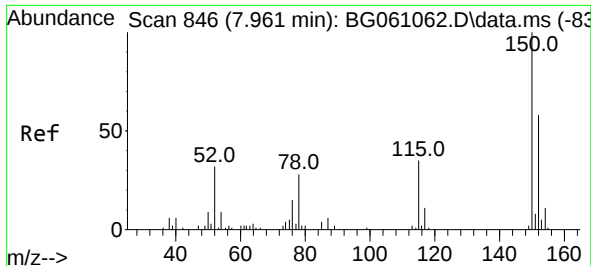
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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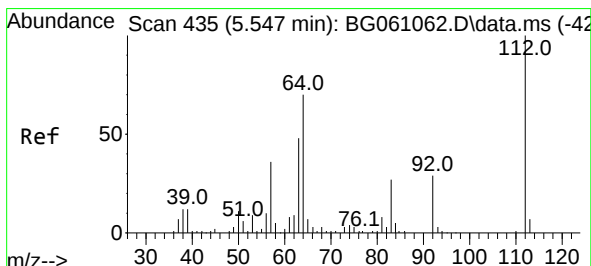
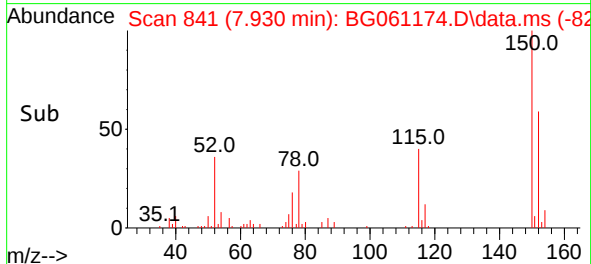
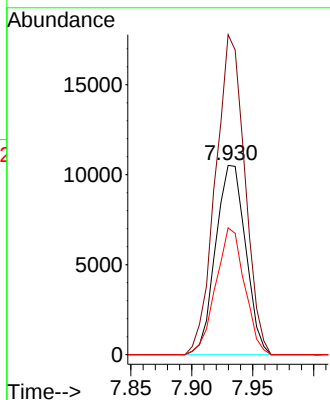
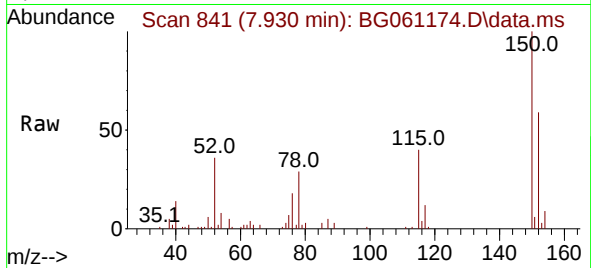




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.930 min Scan# 84
Delta R.T. -0.031 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

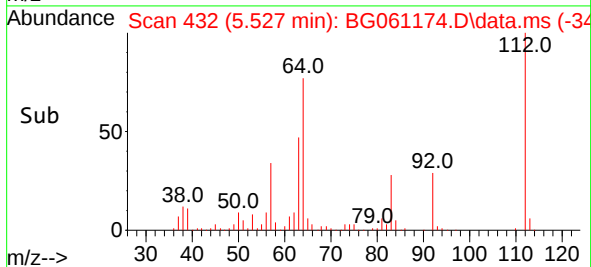
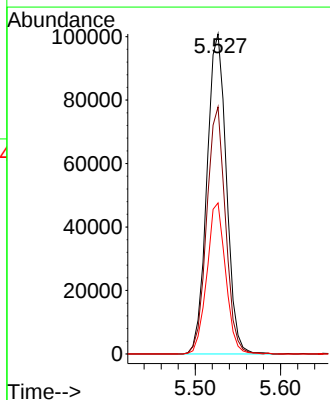
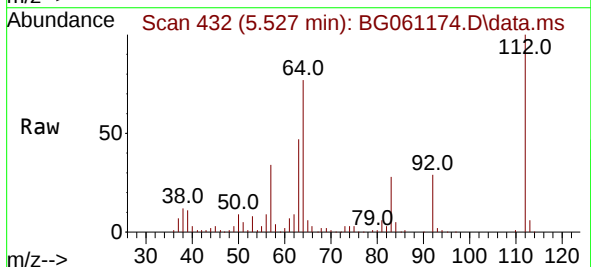
Instrument :
BNA_G
ClientSampleId :
PB160833TB

Tgt Ion:152 Resp: 18053
Ion Ratio Lower Upper
152 100
150 169.0 138.3 207.5
115 67.0 48.0 72.0



#5
2-Fluorophenol
Concen: 179.757 ng
RT: 5.527 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

Tgt Ion:112 Resp: 159566
Ion Ratio Lower Upper
112 100
64 77.2 55.7 83.5
63 47.2 38.1 57.1

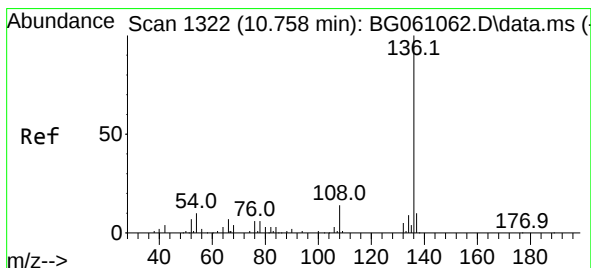
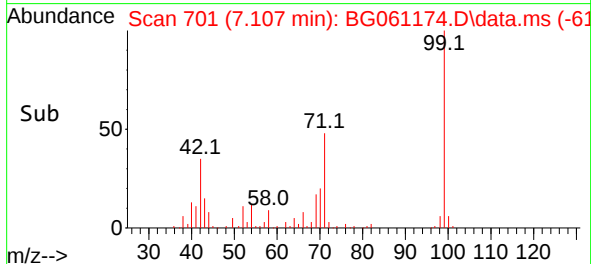
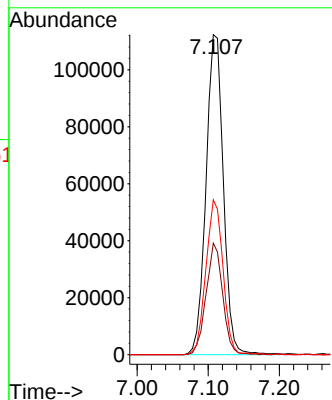
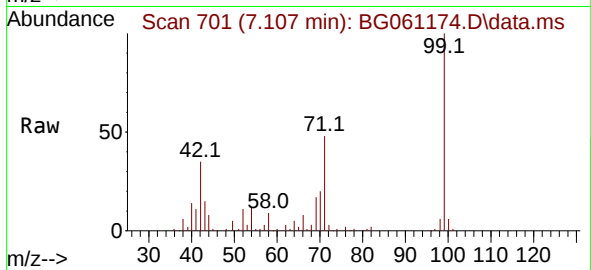




#7
Phenol-d6
Concen: 145.522 ng
RT: 7.107 min Scan# 705
Delta R.T. -0.026 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

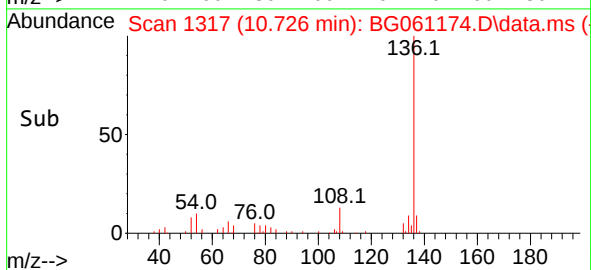
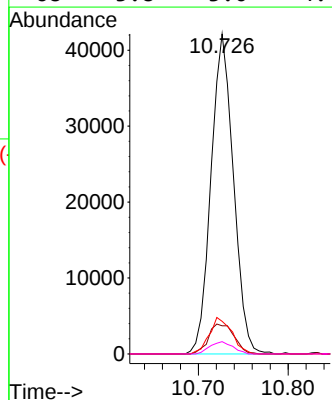
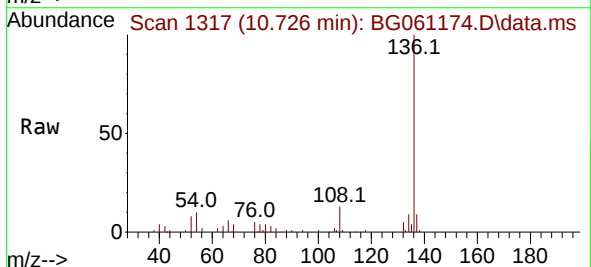
Instrument :
BNA_G
ClientSampleId :
PB160833TB

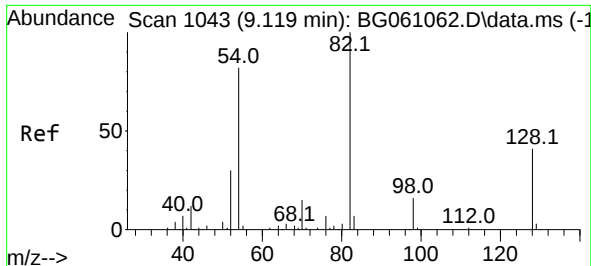
Tgt Ion: 99 Resp: 191093
Ion Ratio Lower Upper
99 100
42 34.9 29.2 43.8
71 48.4 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.726 min Scan# 1317
Delta R.T. -0.032 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

Tgt Ion:136 Resp: 73133
Ion Ratio Lower Upper
136 100
137 8.8 7.8 11.6
54 10.2 8.1 12.1
68 3.8 3.0 4.4





#23

Nitrobenzene-d5

Concen: 88.620 ng

RT: 9.087 min Scan# 1043

Delta R.T. -0.032 min

Lab File: BG061174.D

Acq: 13 May 2024 13:53

Instrument :

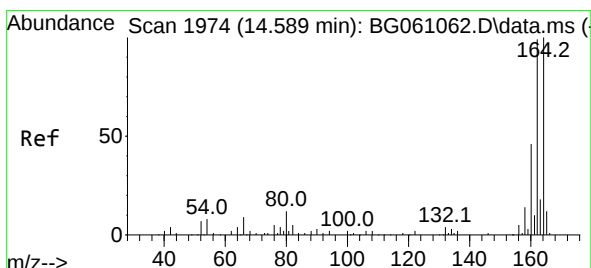
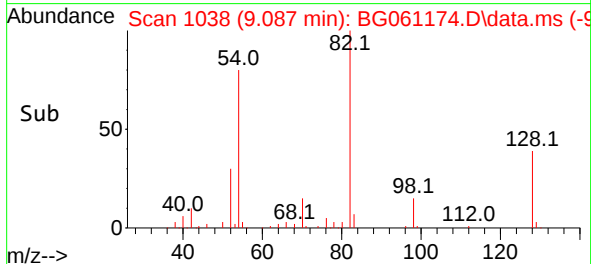
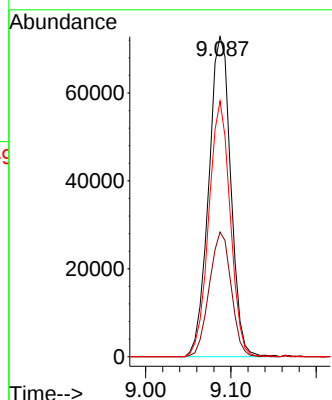
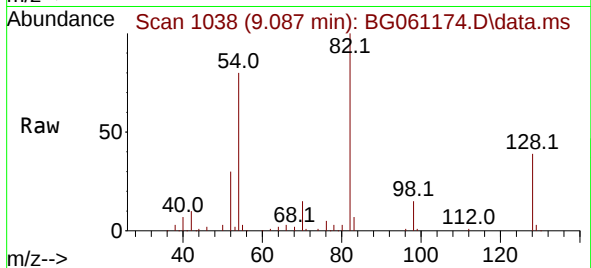
BNA_G

ClientSampleId :

PB160833TB

Tgt Ion: 82 Resp: 130740

Ion	Ratio	Lower	Upper
82	100		
128	39.0	32.7	49.1
54	79.9	65.6	98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1970

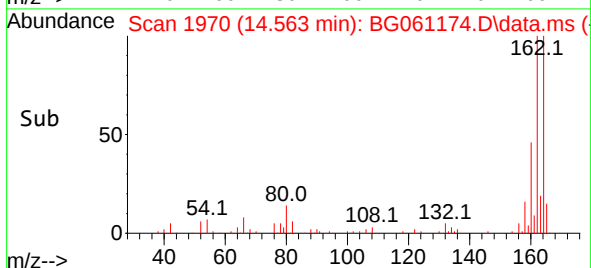
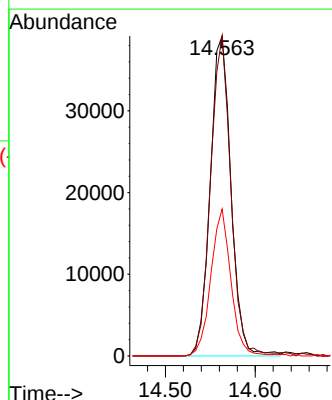
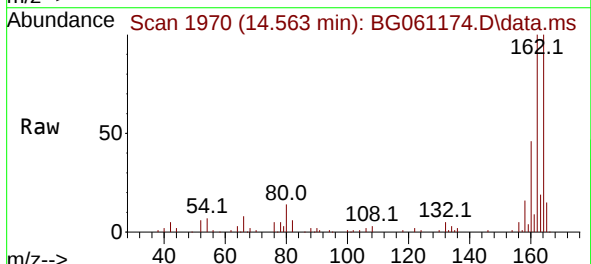
Delta R.T. -0.026 min

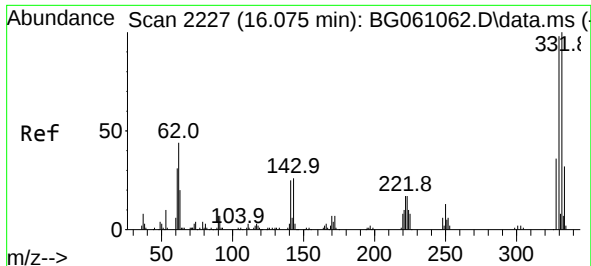
Lab File: BG061174.D

Acq: 13 May 2024 13:53

Tgt Ion: 164 Resp: 62738

Ion	Ratio	Lower	Upper
164	100		
162	100.1	79.4	119.2
160	45.9	37.0	55.6

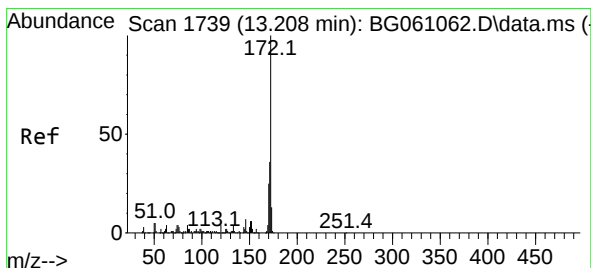
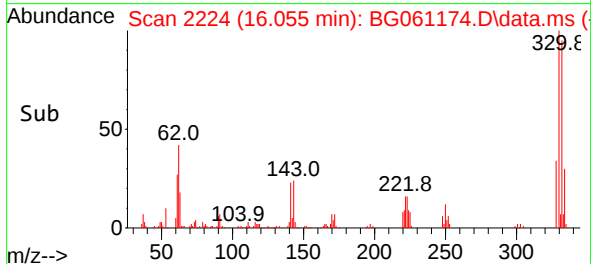
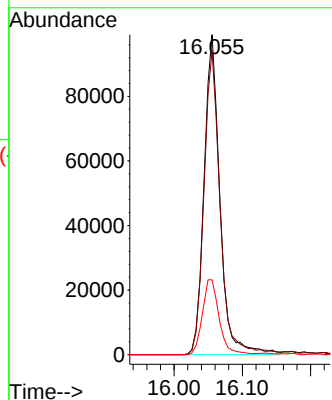
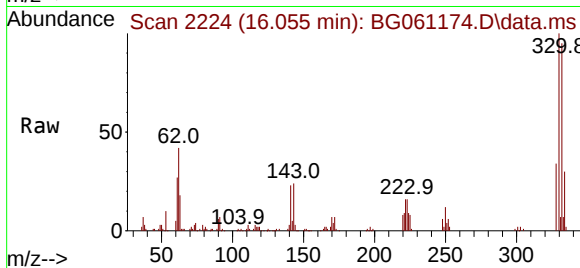




#42
2,4,6-Tribromophenol
Concen: 128.187 ng
RT: 16.055 min Scan# 21
Delta R.T. -0.020 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

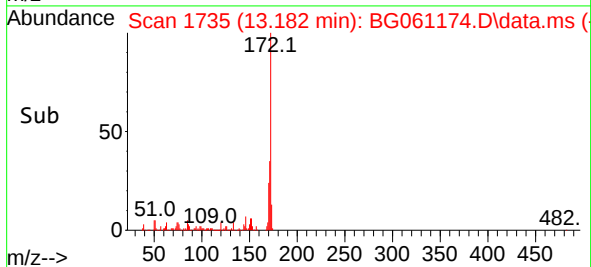
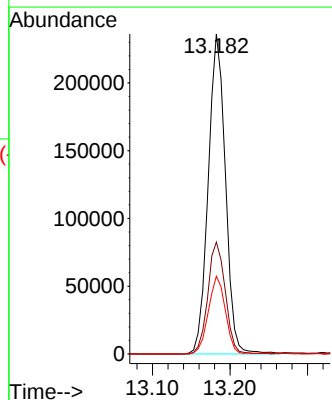
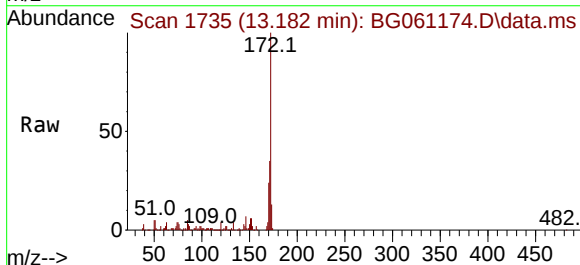
Instrument :
BNA_G
ClientSampleId :
PB160833TB

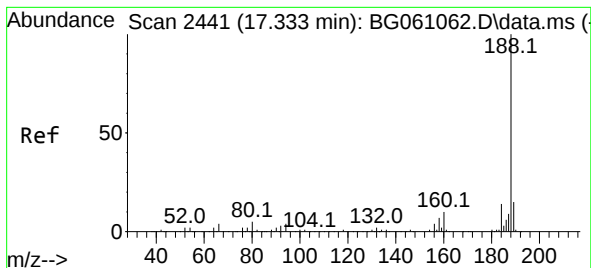
Tgt Ion:330 Resp: 160749
Ion Ratio Lower Upper
330 100
332 96.5 78.6 117.8
141 24.7 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 85.716 ng
RT: 13.182 min Scan# 1735
Delta R.T. -0.026 min
Lab File: BG061174.D
Acq: 13 May 2024 13:53

Tgt Ion:172 Resp: 363670
Ion Ratio Lower Upper
172 100
171 34.9 29.0 43.6
170 24.3 20.2 30.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.313 min Scan# 2441

Delta R.T. -0.020 min

Lab File: BG061174.D

Acq: 13 May 2024 13:53

Instrument :

BNA_G

ClientSampleId :

PB160833TB

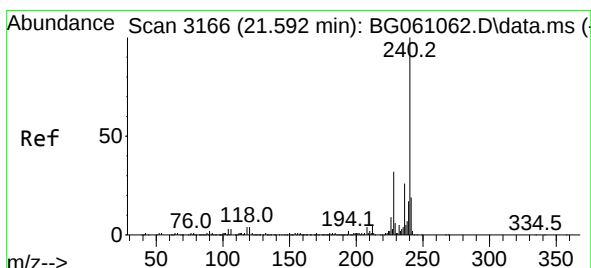
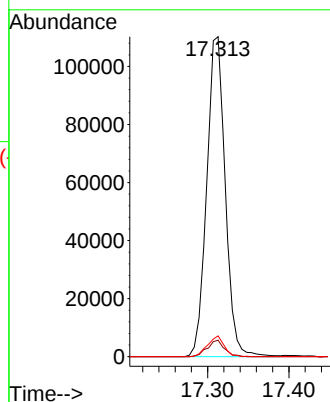
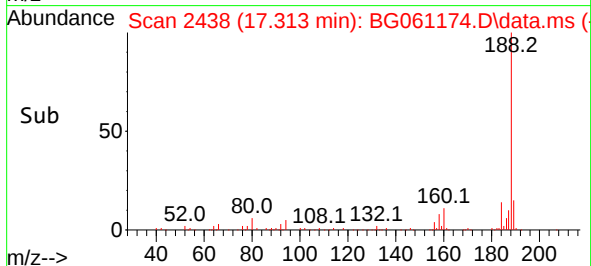
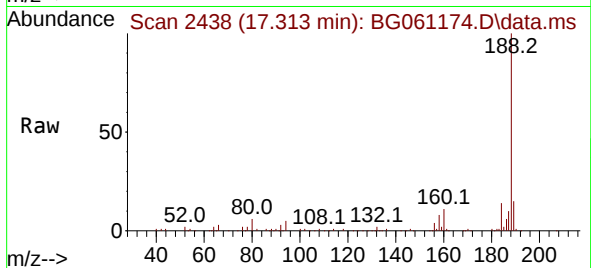
Tgt Ion:188 Resp: 174494

Ion Ratio Lower Upper

188 100

94 5.2 3.6 5.4

80 6.5 4.2 6.2#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.567 min Scan# 3162

Delta R.T. -0.026 min

Lab File: BG061174.D

Acq: 13 May 2024 13:53

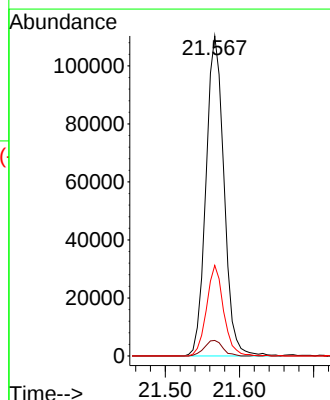
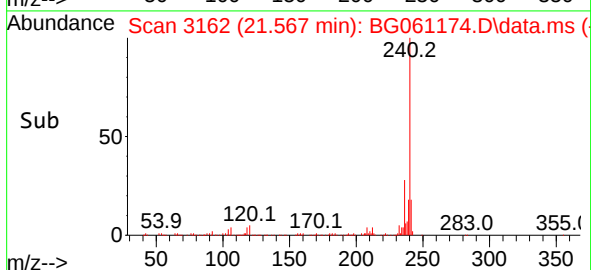
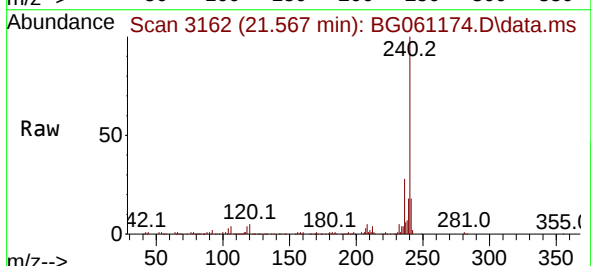
Tgt Ion:240 Resp: 185955

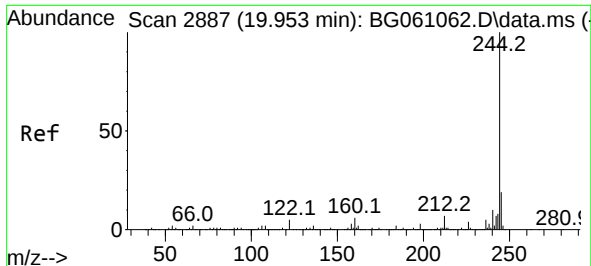
Ion Ratio Lower Upper

240 100

120 4.9 3.2 4.8#

236 28.3 21.0 31.6

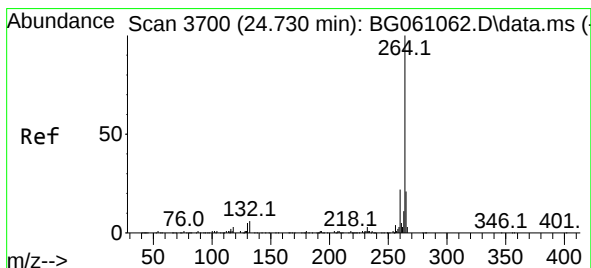
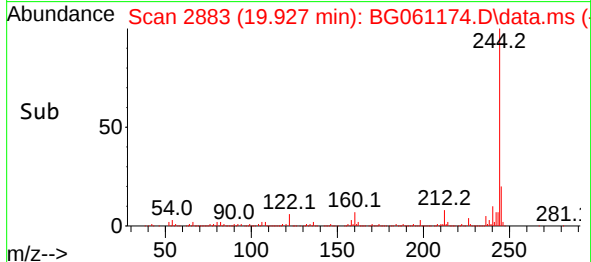
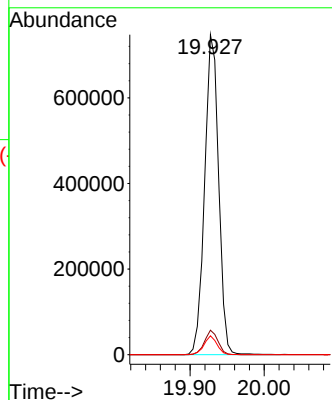
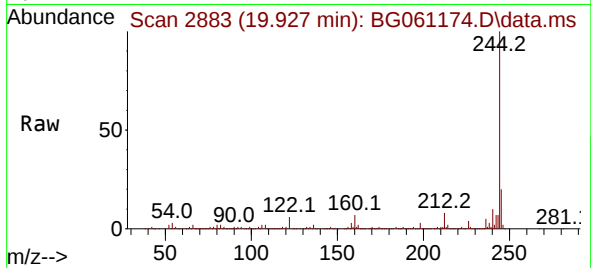




#79
 Terphenyl-d14
 Concen: 87.750 ng
 RT: 19.927 min Scan# 21
 Delta R.T. -0.026 min
 Lab File: BG061174.D
 Acq: 13 May 2024 13:53

Instrument :
 BNA_G
 ClientSampleId :
 PB160833TB

Tgt Ion:244 Resp: 981132
 Ion Ratio Lower Upper
 244 100
 212 7.6 5.7 8.5
 122 5.9 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.692 min Scan# 3694
 Delta R.T. -0.038 min
 Lab File: BG061174.D
 Acq: 13 May 2024 13:53

Tgt Ion:264 Resp: 214033
 Ion Ratio Lower Upper
 264 100
 260 22.6 17.7 26.5
 265 21.3 16.4 24.6

