

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050924\
Data File : BG061148.D
Acq On : 9 May 2024 12:13
Operator : MA/JU
Sample : PB160779BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB160779BL

Quant Time: May 09 12:51:38 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	7.935	152	19930	20.000	ng	-0.03
21) Naphthalene-d8	10.731	136	77812	20.000	ng	#-0.03
39) Acenaphthene-d10	14.562	164	63422	20.000	ng	-0.03
64) Phenanthrene-d10	17.312	188	176354	20.000	ng	-0.02
76) Chrysene-d12	21.571	240	188665	20.000	ng	-0.02
86) Perylene-d12	24.697	264	216731	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	154144	157.295	ng	-0.02
7) Phenol-d6	7.112	99	206875	142.703	ng	-0.02
23) Nitrobenzene-d5	9.092	82	142955	91.073	ng	-0.03
42) 2,4,6-Tribromophenol	16.060	330	171370	135.182	ng	-0.02
45) 2-Fluorobiphenyl	13.187	172	399095	93.051	ng	-0.02
79) Terphenyl-d14	19.932	244	1041912	91.848	ng	-0.02

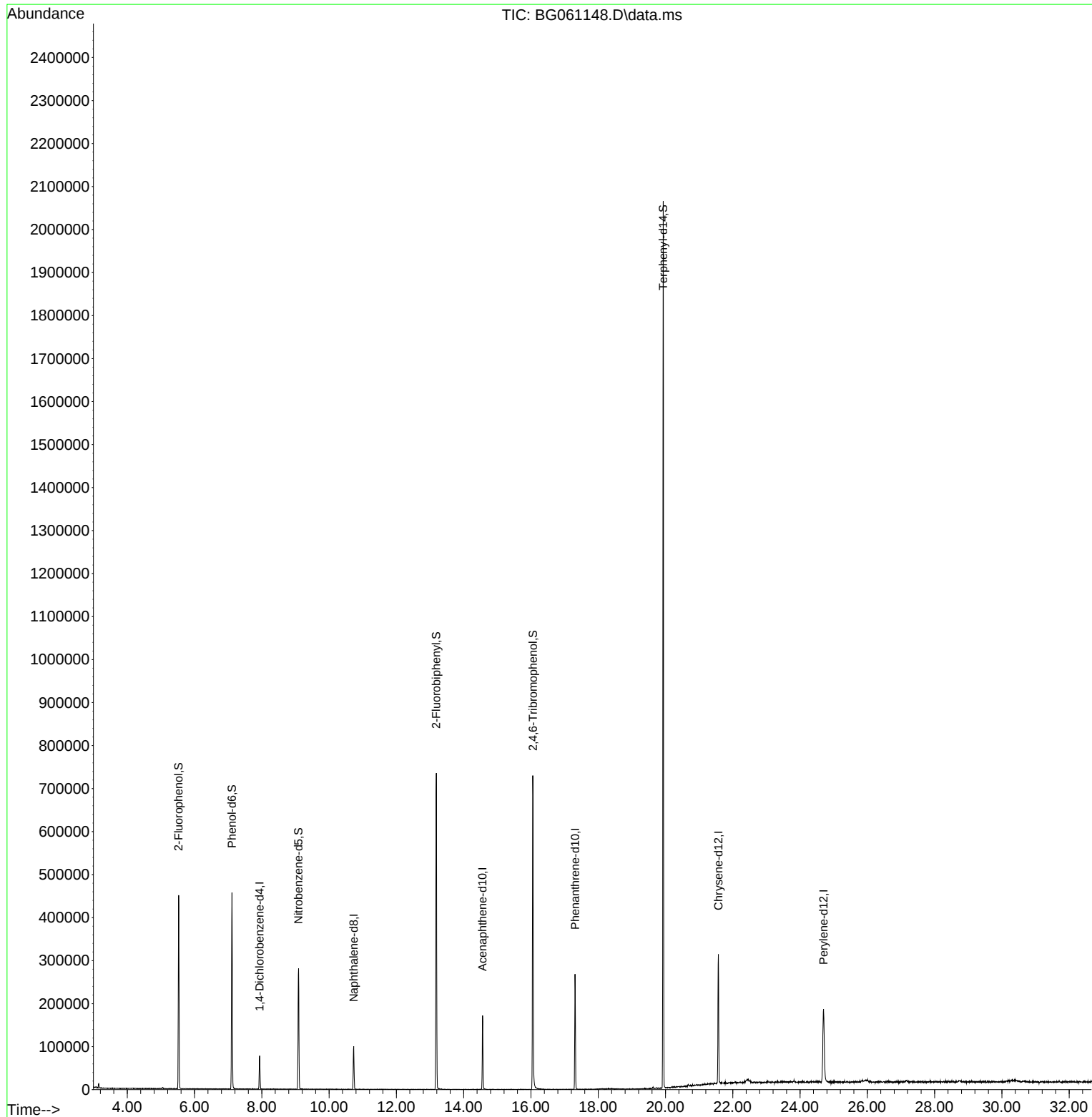
Target Compounds	Qvalue

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

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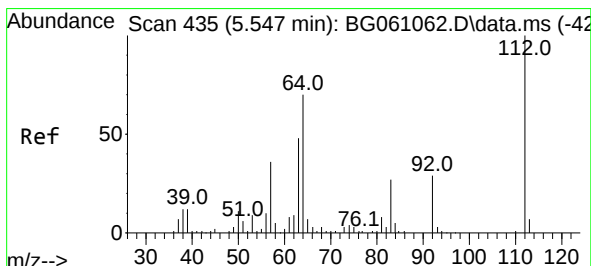
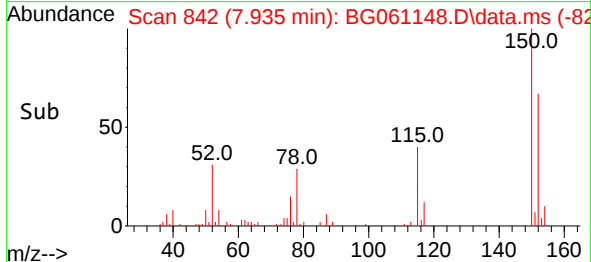
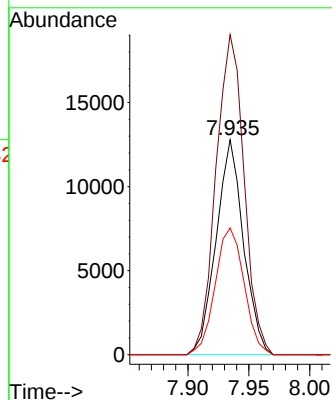
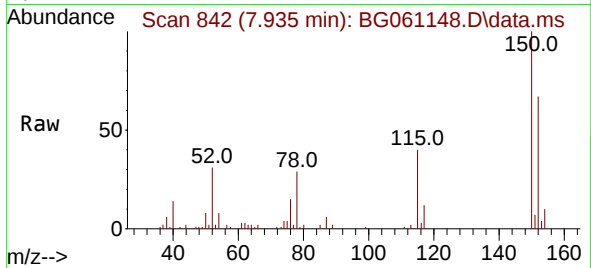




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.935 min Scan# 846
Delta R.T. -0.026 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

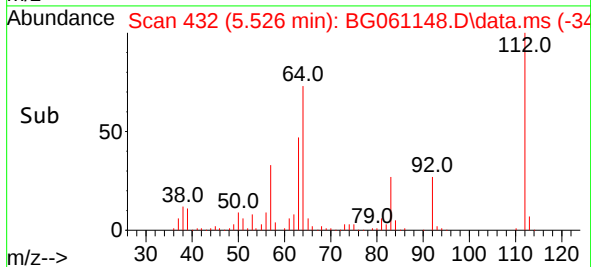
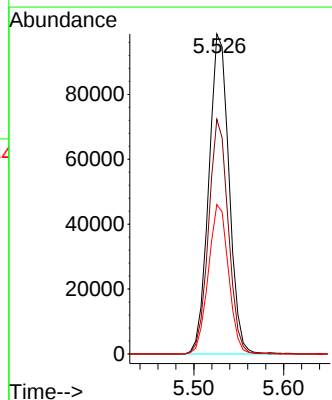
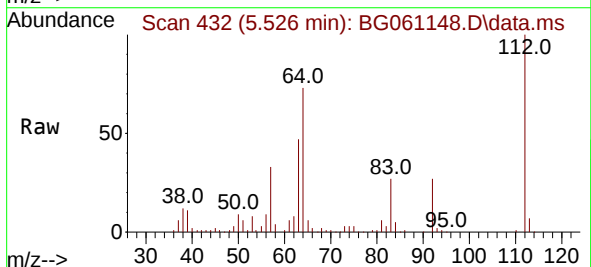
Instrument :
BNA_G
ClientSampleId :
PB160779BL

Tgt Ion:152 Resp: 19930
Ion Ratio Lower Upper
152 100
150 148.9 138.3 207.5
115 59.0 48.0 72.0



#5
2-Fluorophenol
Concen: 157.295 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.021 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Tgt Ion:112 Resp: 154144
Ion Ratio Lower Upper
112 100
64 73.4 55.7 83.5
63 46.7 38.1 57.1

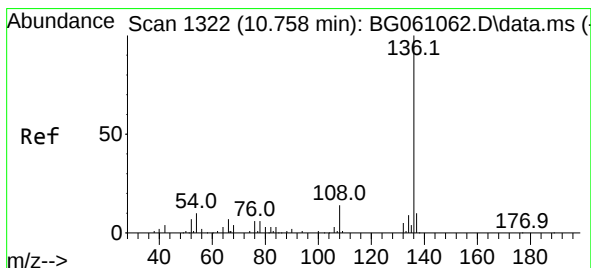
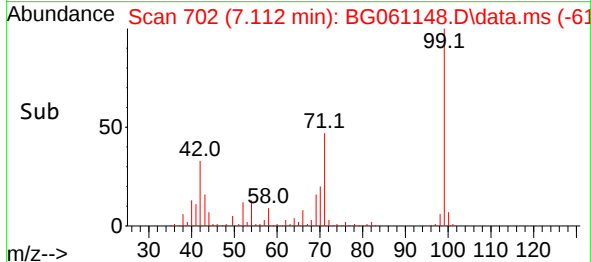
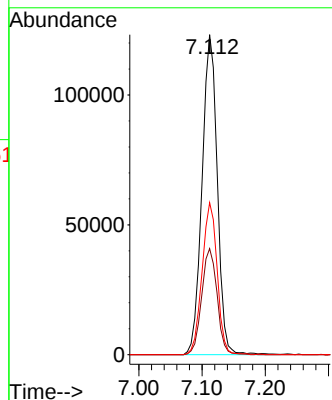
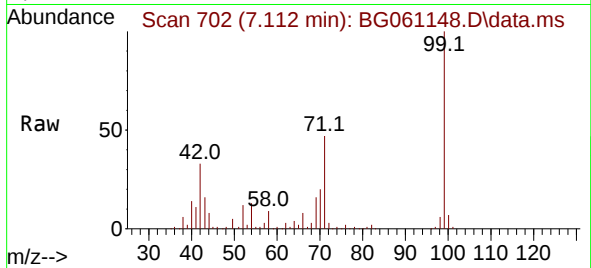




#7
Phenol-d6
Concen: 142.703 ng
RT: 7.112 min Scan# 705
Delta R.T. -0.021 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

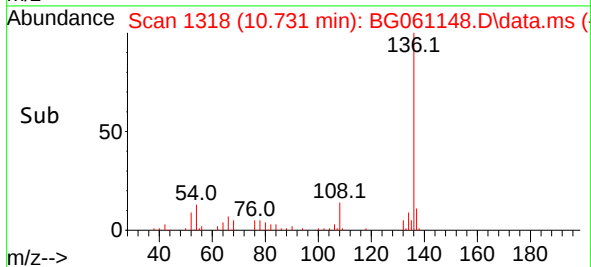
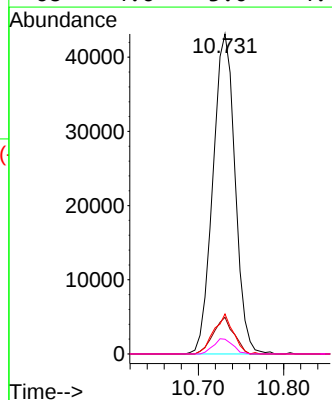
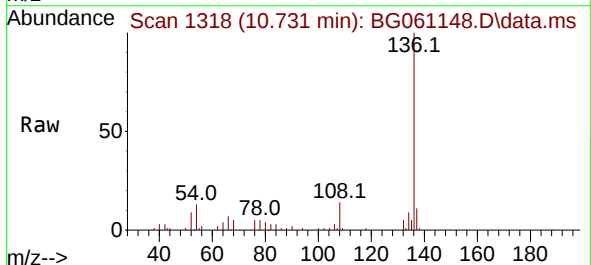
Instrument :
BNA_G
ClientSampleId :
PB160779BL

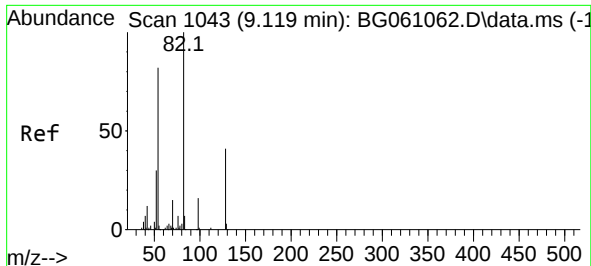
Tgt Ion: 99 Resp: 206875
Ion Ratio Lower Upper
99 100
42 33.1 29.2 43.8
71 47.5 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.731 min Scan# 1318
Delta R.T. -0.027 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Tgt Ion:136 Resp: 77812
Ion Ratio Lower Upper
136 100
137 11.5 7.8 11.6
54 12.5 8.1 12.1#
68 4.6 3.0 4.4#





#23

Nitrobenzene-d5

Concen: 91.073 ng

RT: 9.092 min Scan# 1039

Delta R.T. -0.027 min

Lab File: BG061148.D

Acq: 9 May 2024 12:13

Instrument :

BNA_G

ClientSampleId :

PB160779BL

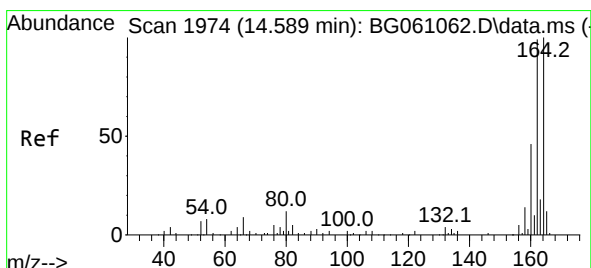
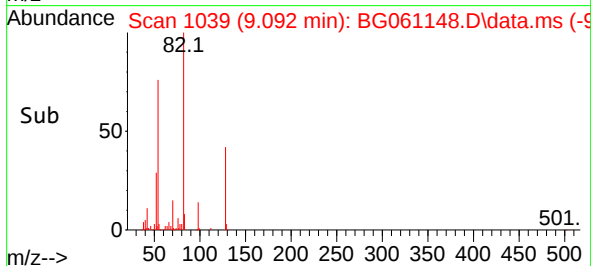
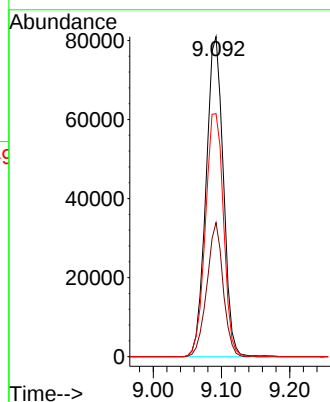
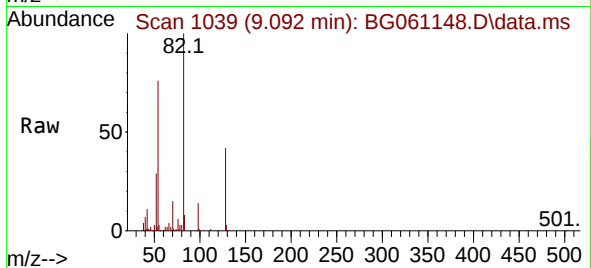
Tgt Ion: 82 Resp: 142955

Ion Ratio Lower Upper

82 100

128 41.9 32.7 49.1

54 76.0 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.562 min Scan# 1970

Delta R.T. -0.027 min

Lab File: BG061148.D

Acq: 9 May 2024 12:13

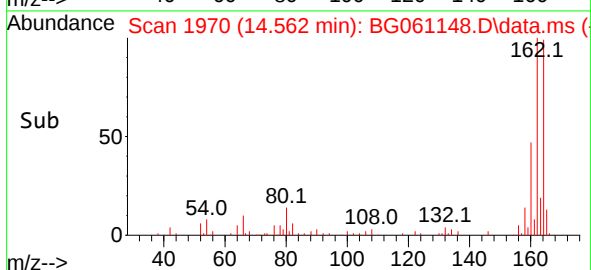
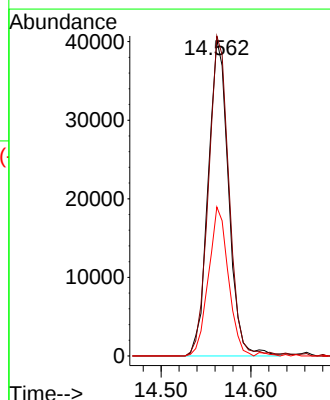
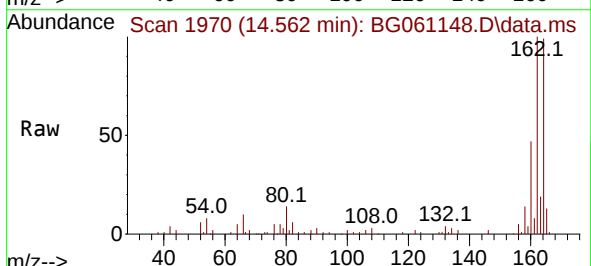
Tgt Ion:164 Resp: 63422

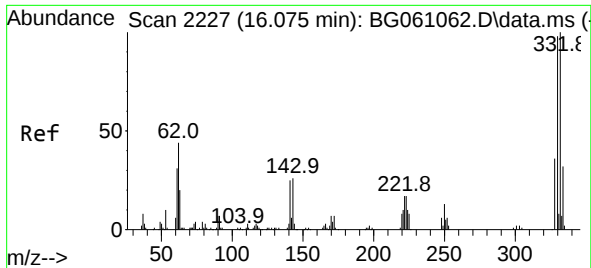
Ion Ratio Lower Upper

164 100

162 101.2 79.4 119.2

160 47.1 37.0 55.6

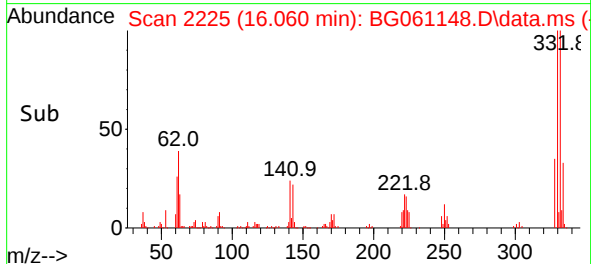
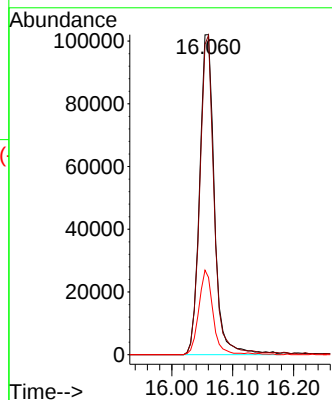
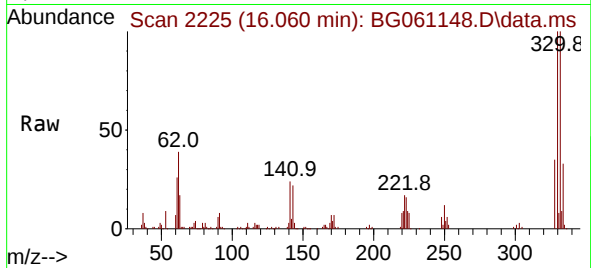




#42
2,4,6-Tribromophenol
Concen: 135.182 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.015 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

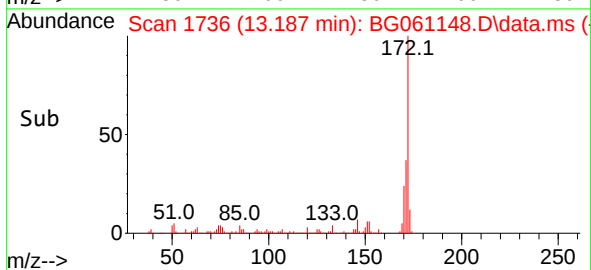
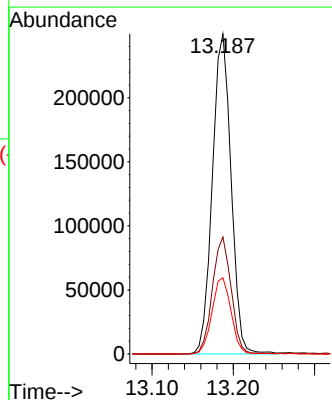
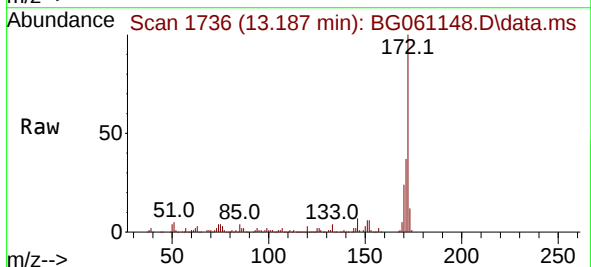
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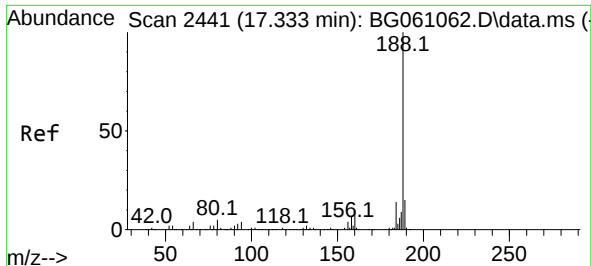
Tgt Ion:330 Resp: 171370
Ion Ratio Lower Upper
330 100
332 96.7 78.6 117.8
141 25.4 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 93.051 ng
RT: 13.187 min Scan# 1736
Delta R.T. -0.021 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Tgt Ion:172 Resp: 399095
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 23.8 20.2 30.4

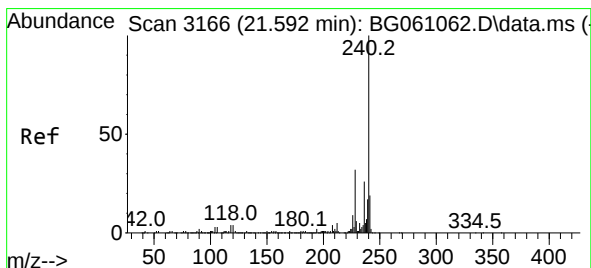
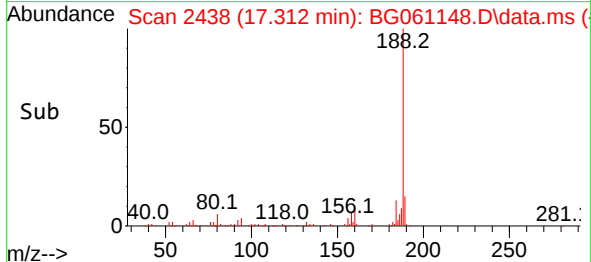
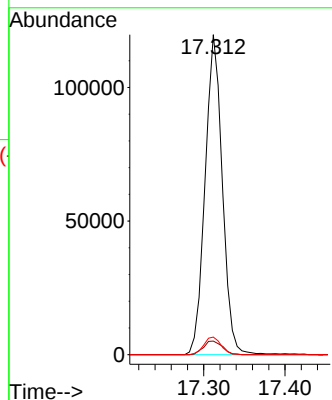
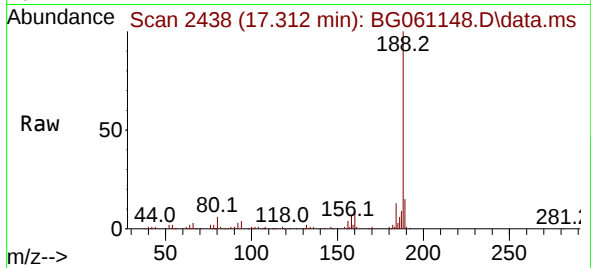




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.312 min Scan# 2441
Delta R.T. -0.021 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

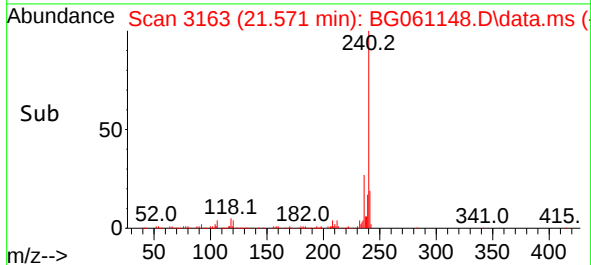
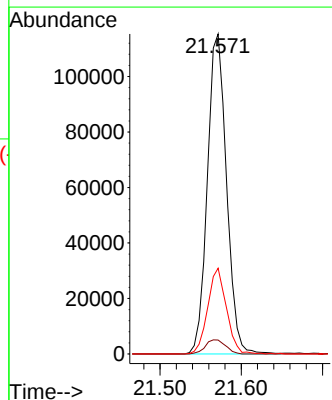
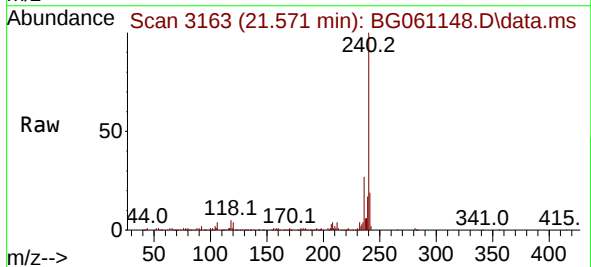
Instrument :
BNA_G
ClientSampleId :
PB160779BL

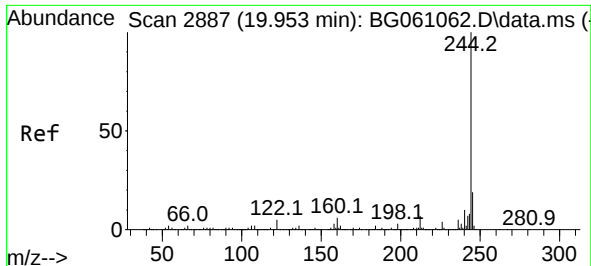
Tgt Ion:188 Resp: 176354
Ion Ratio Lower Upper
188 100
94 4.3 3.6 5.4
80 5.5 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.571 min Scan# 3163
Delta R.T. -0.021 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Tgt Ion:240 Resp: 188665
Ion Ratio Lower Upper
240 100
120 4.3 3.2 4.8
236 26.8 21.0 31.6

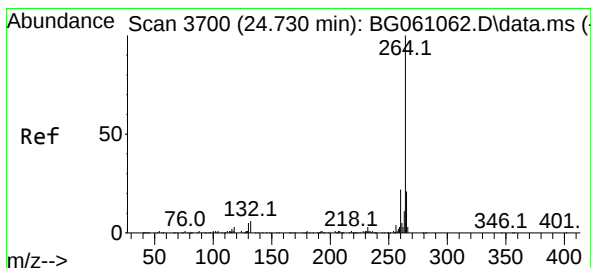
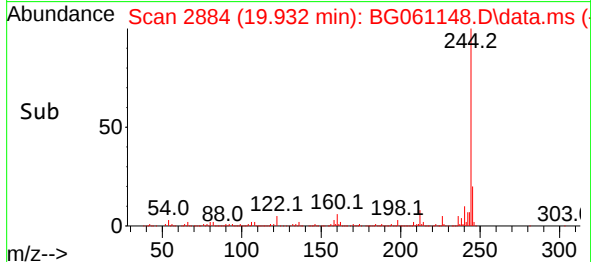
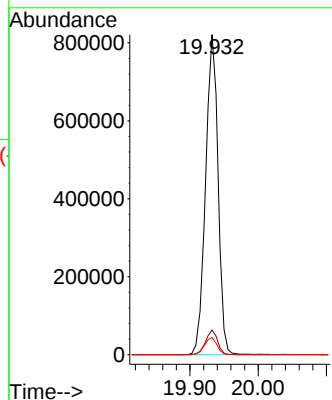
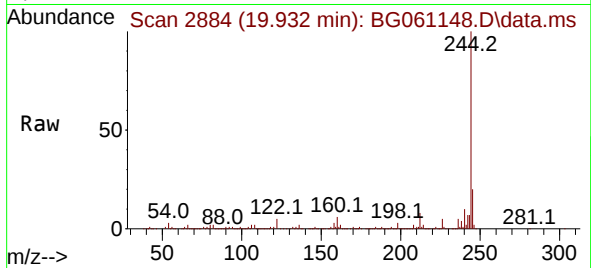




#79
Terphenyl-d14
Concen: 91.848 ng
RT: 19.932 min Scan# 21
Delta R.T. -0.021 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

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ClientSampleId :
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Tgt Ion:244 Resp: 1041912
Ion Ratio Lower Upper
244 100
212 7.7 5.7 8.5
122 5.4 4.2 6.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.697 min Scan# 3695
Delta R.T. -0.033 min
Lab File: BG061148.D
Acq: 9 May 2024 12:13

Tgt Ion:264 Resp: 216731
Ion Ratio Lower Upper
264 100
260 23.1 17.7 26.5
265 21.2 16.4 24.6

