

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
 Data File : BG061227.D
 Acq On : 16 May 2024 19:23
 Operator : MA/JU
 Sample : P2480-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-MH-JJ

Quant Time: May 17 01:20:03 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	7.928	152	26285	20.000	ng	-0.03
21) Naphthalene-d8	10.719	136	106554	20.000	ng	#-0.04
39) Acenaphthene-d10	14.556	164	85545	20.000	ng	-0.03
64) Phenanthrene-d10	17.306	188	195631	20.000	ng	#-0.03
76) Chrysene-d12	21.559	240	189036	20.000	ng	-0.03
86) Perylene-d12	24.679	264	232156	20.000	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.525	112	113928	88.149	ng	-0.02
7) Phenol-d6	7.112	99	157497	82.375	ng	-0.02
23) Nitrobenzene-d5	9.080	82	113529	52.817	ng	-0.04
42) 2,4,6-Tribromophenol	16.048	330	117193	68.538	ng	-0.03
45) 2-Fluorobiphenyl	13.175	172	308529	53.332	ng	-0.03
79) Terphenyl-d14	19.920	244	544141	47.874	ng	-0.03

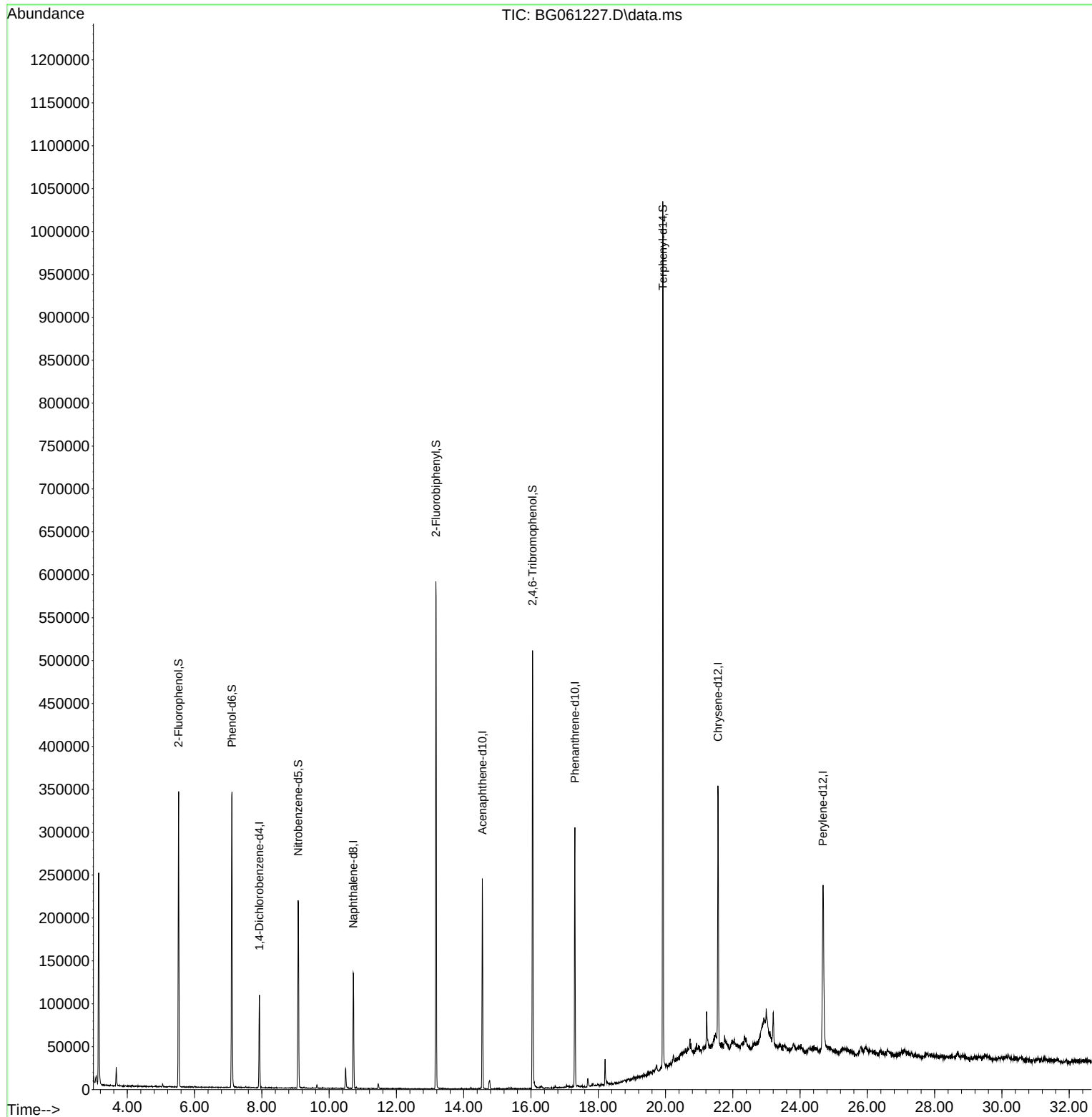
Target Compounds	Qvalue

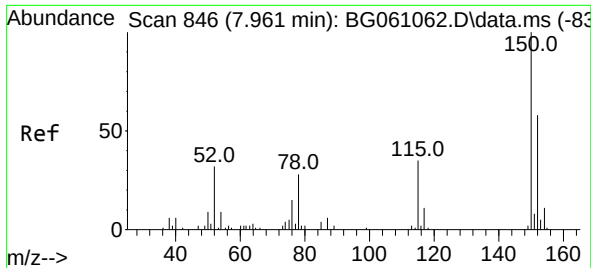
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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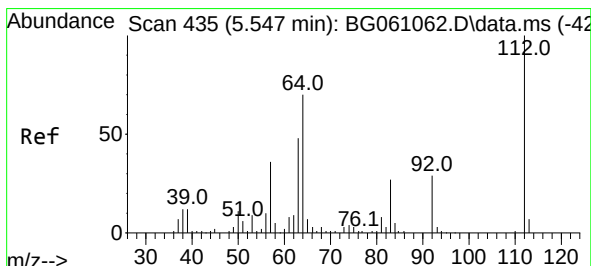
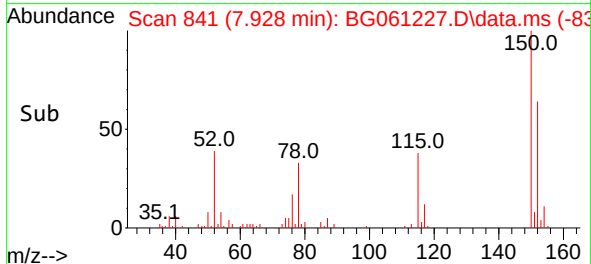
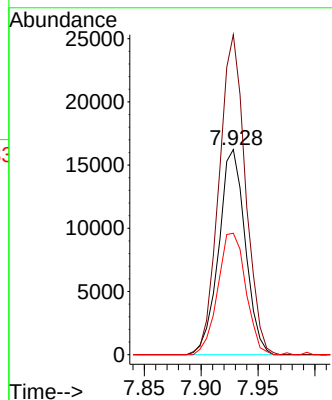
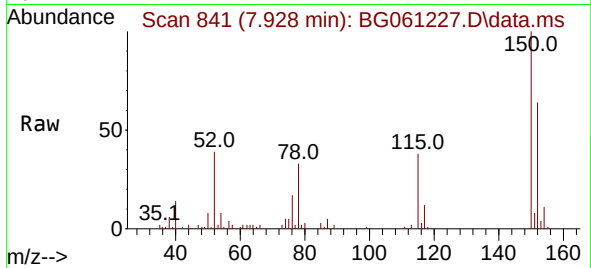




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.928 min Scan# 846
Delta R.T. -0.033 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

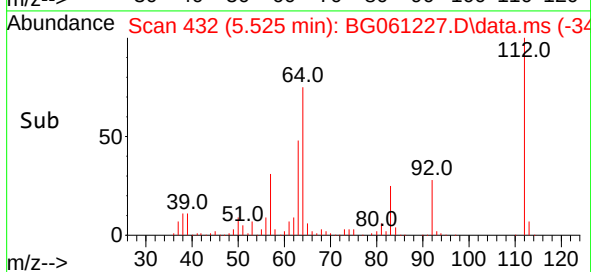
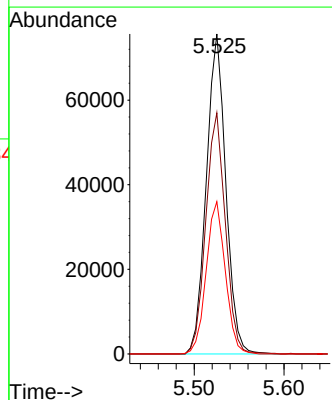
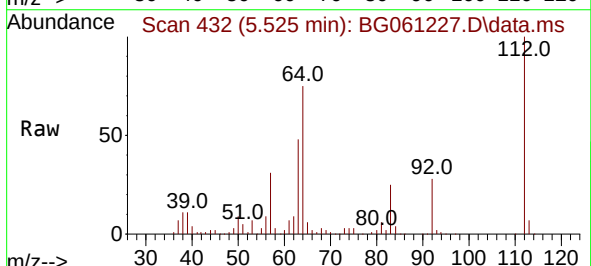
Instrument :
BNA_G
ClientSampleId :
WC-MH-JJ

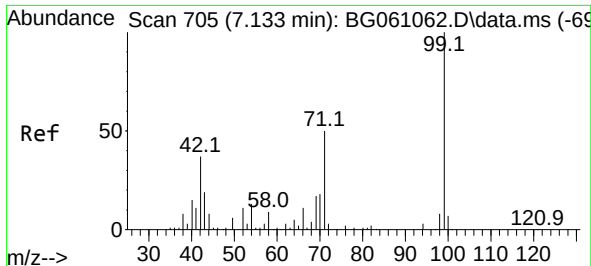
Tgt Ion:152 Resp: 26285
Ion Ratio Lower Upper
152 100
150 155.9 138.3 207.5
115 59.2 48.0 72.0



#5
2-Fluorophenol
Concen: 88.149 ng
RT: 5.525 min Scan# 432
Delta R.T. -0.021 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Tgt Ion:112 Resp: 113928
Ion Ratio Lower Upper
112 100
64 75.3 55.7 83.5
63 47.6 38.1 57.1

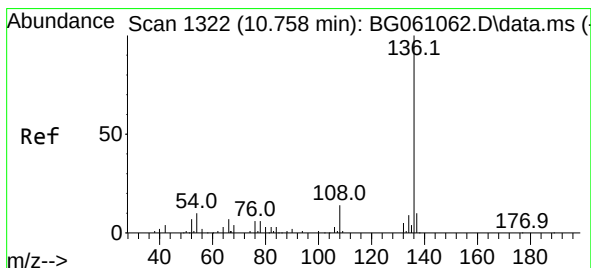
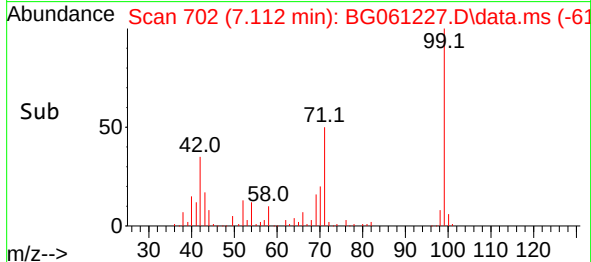
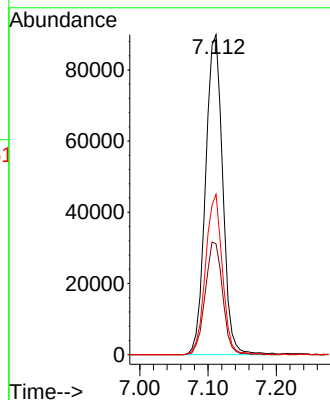
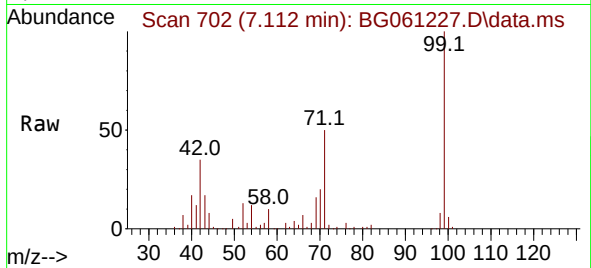




#7
Phenol-d6
Concen: 82.375 ng
RT: 7.112 min Scan# 705
Delta R.T. -0.021 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

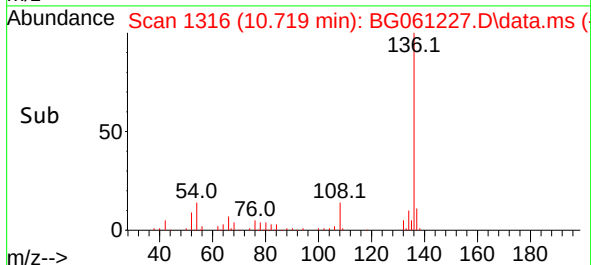
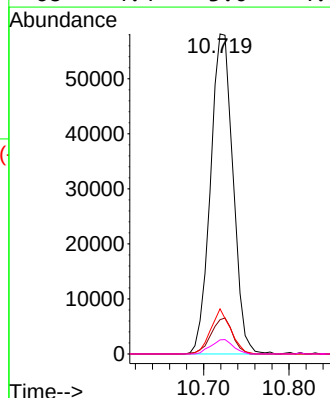
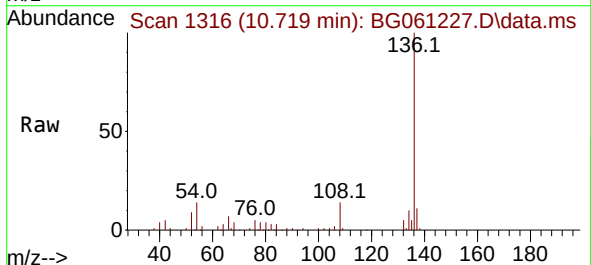
Instrument :
BNA_G
ClientSampleId :
WC-MH-JJ

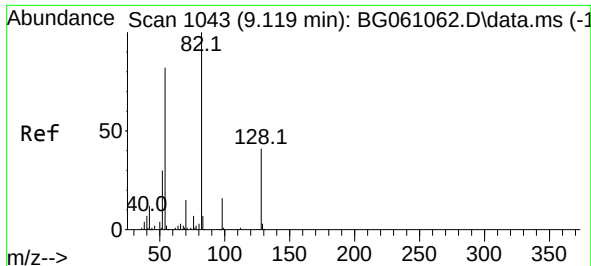
Tgt Ion: 99 Resp: 157497
Ion Ratio Lower Upper
99 100
42 34.7 29.2 43.8
71 50.1 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.719 min Scan# 1316
Delta R.T. -0.039 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Tgt Ion:136 Resp: 106554
Ion Ratio Lower Upper
136 100
137 10.7 7.8 11.6
54 14.1 8.1 12.1#
68 4.4 3.0 4.4





#23

Nitrobenzene-d5

Concen: 52.817 ng

RT: 9.080 min Scan# 1043

Delta R.T. -0.039 min

Lab File: BG061227.D

Acq: 16 May 2024 19:23

Instrument :

BNA_G

ClientSampleId :

WC-MH-JJ

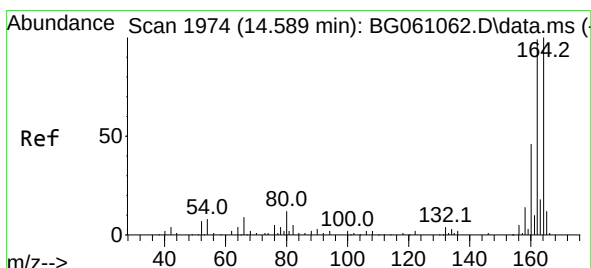
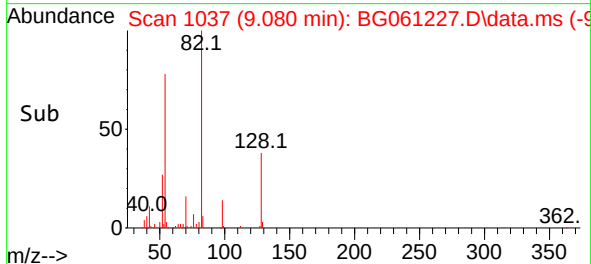
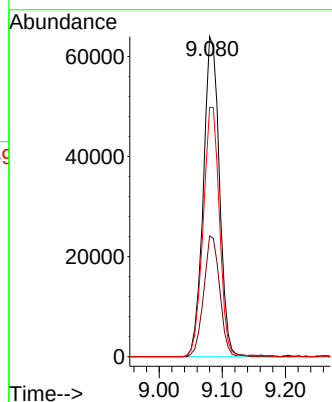
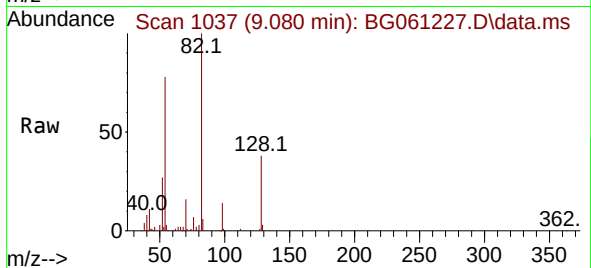
Tgt Ion: 82 Resp: 113529

Ion Ratio Lower Upper

82 100

128 37.8 32.7 49.1

54 77.9 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.556 min Scan# 1969

Delta R.T. -0.033 min

Lab File: BG061227.D

Acq: 16 May 2024 19:23

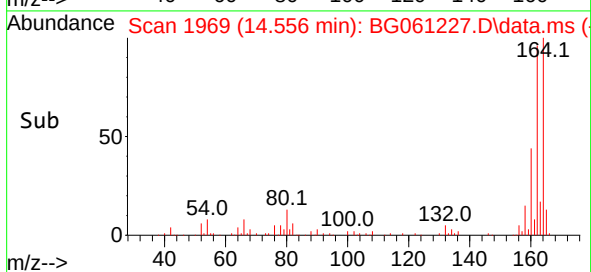
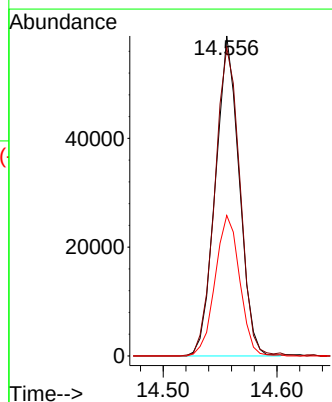
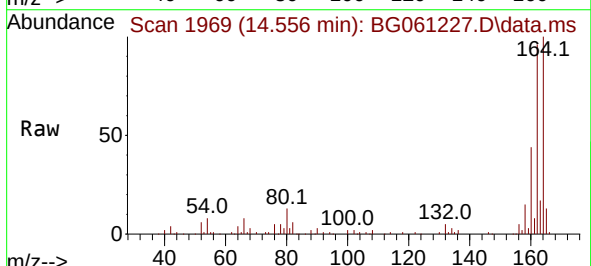
Tgt Ion:164 Resp: 85545

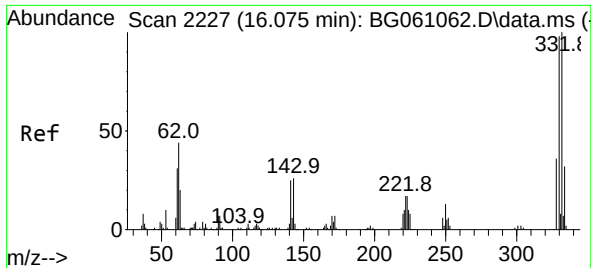
Ion Ratio Lower Upper

164 100

162 96.3 79.4 119.2

160 43.9 37.0 55.6

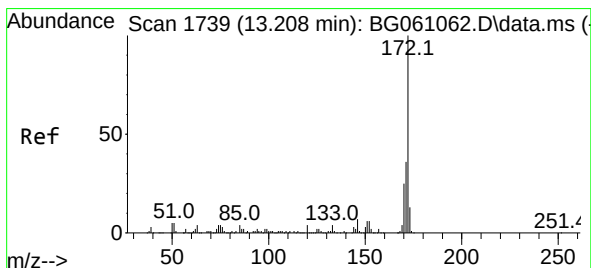
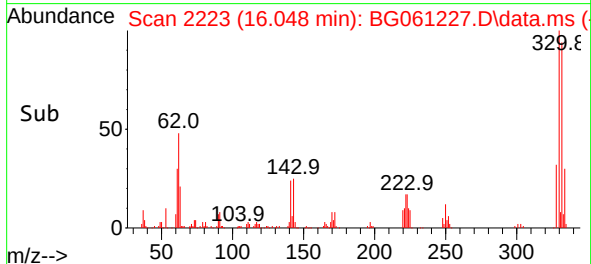
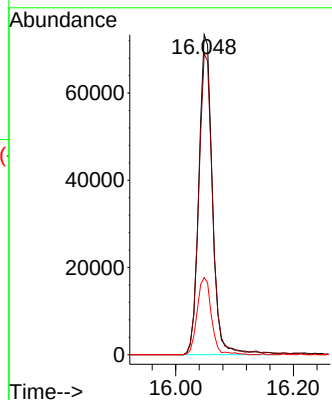
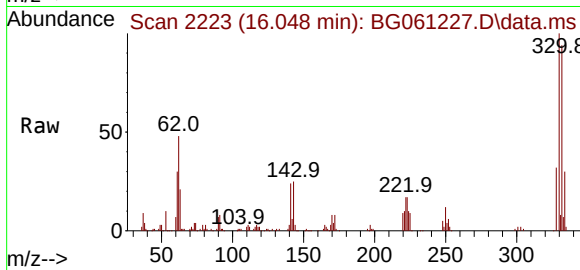




#42
2,4,6-Tribromophenol
Concen: 68.538 ng
RT: 16.048 min Scan# 21
Delta R.T. -0.027 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

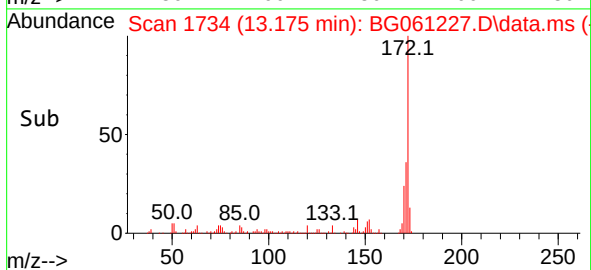
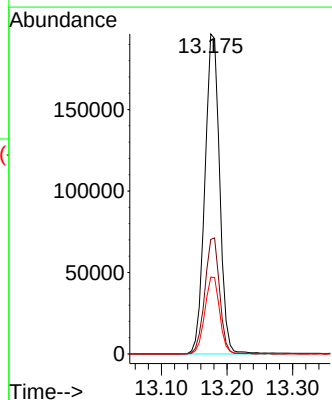
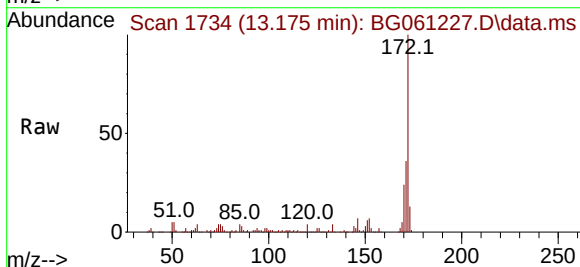
Instrument :
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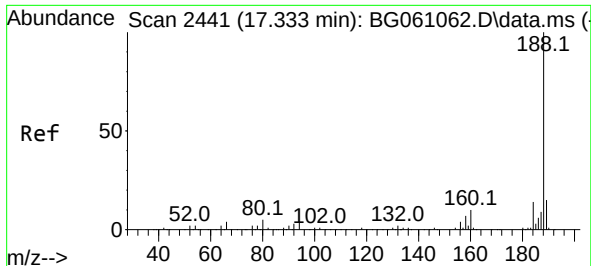
Tgt Ion:330 Resp: 117193
Ion Ratio Lower Upper
330 100
332 95.0 78.6 117.8
141 25.3 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 53.332 ng
RT: 13.175 min Scan# 1734
Delta R.T. -0.033 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Tgt Ion:172 Resp: 308529
Ion Ratio Lower Upper
172 100
171 35.8 29.0 43.6
170 24.0 20.2 30.4

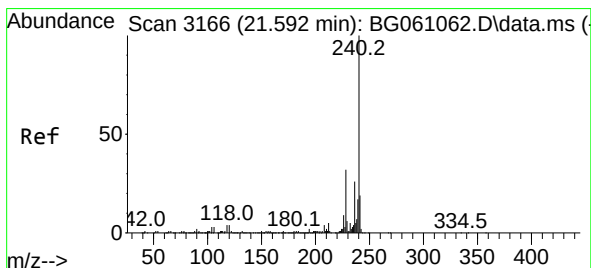
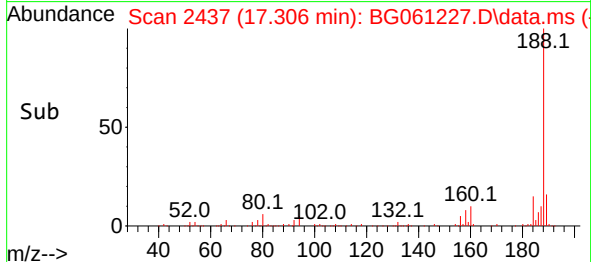
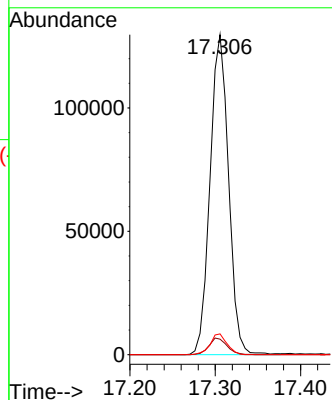
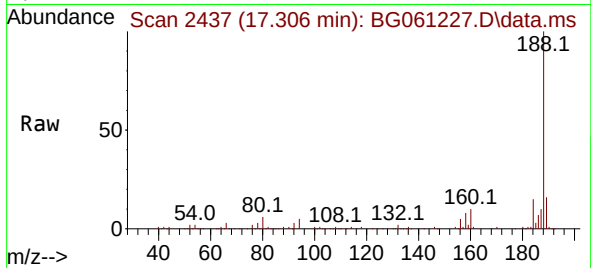




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.306 min Scan# 2441
Delta R.T. -0.027 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

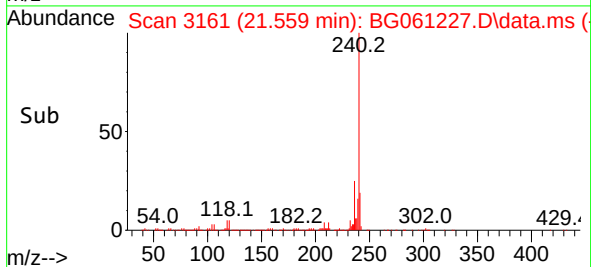
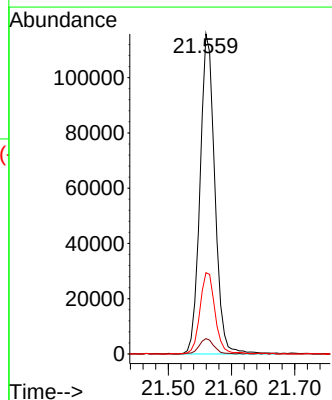
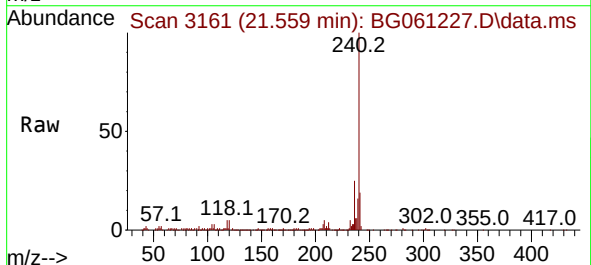
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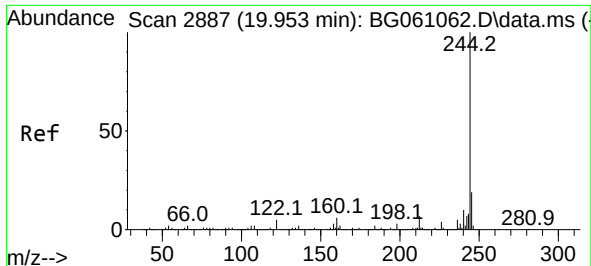
Tgt Ion:188 Resp: 195631
Ion Ratio Lower Upper
188 100
94 4.9 3.6 5.4
80 6.5 4.2 6.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.559 min Scan# 3161
Delta R.T. -0.033 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Tgt Ion:240 Resp: 189036
Ion Ratio Lower Upper
240 100
120 4.8 3.2 4.8
236 25.4 21.0 31.6

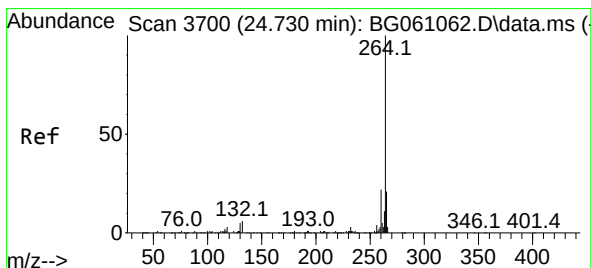
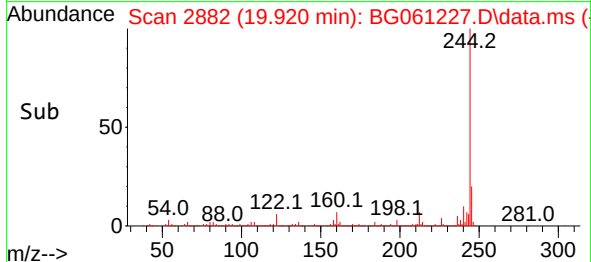
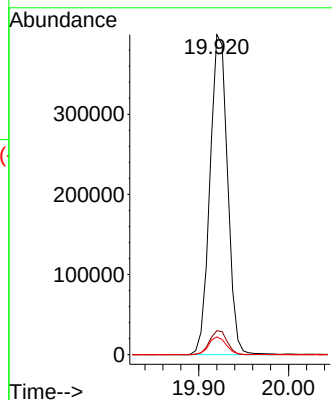
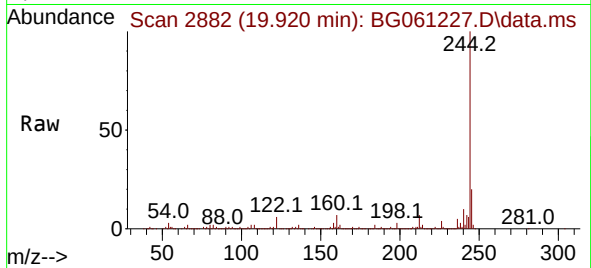




#79
Terphenyl-d14
Concen: 47.874 ng
RT: 19.920 min Scan# 21
Delta R.T. -0.033 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Instrument :
BNA_G
ClientSampleId :
WC-MH-JJ

Tgt Ion:244 Resp: 544141
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 5.5 4.2 6.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.679 min Scan# 3692
Delta R.T. -0.051 min
Lab File: BG061227.D
Acq: 16 May 2024 19:23

Tgt Ion:264 Resp: 232156
Ion Ratio Lower Upper
264 100
260 21.8 17.7 26.5
265 20.4 16.4 24.6

