

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051624\
 Data File : BG061229.D
 Acq On : 16 May 2024 20:45
 Operator : MA/JU
 Sample : P2473-01 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TR-04-051424

Quant Time: May 17 01:20:55 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	7.929	152	26785	20.000	ng	-0.03
21) Naphthalene-d8	10.720	136	104277	20.000	ng	#-0.04
39) Acenaphthene-d10	14.557	164	79414	20.000	ng	-0.03
64) Phenanthrene-d10	17.307	188	171944	20.000	ng	-0.03
76) Chrysene-d12	21.566	240	176432	20.000	ng	-0.03
86) Perylene-d12	24.692	264	217416	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.526	112	23503	17.845	ng	-0.02
7) Phenol-d6	7.113	99	30787	15.802	ng	-0.02
23) Nitrobenzene-d5	9.081	82	21995	10.456	ng	-0.04
42) 2,4,6-Tribromophenol	16.049	330	19280	12.146	ng	-0.03
45) 2-Fluorobiphenyl	13.176	172	56544	10.529	ng	-0.03
79) Terphenyl-d14	19.921	244	105912	9.984	ng	-0.03

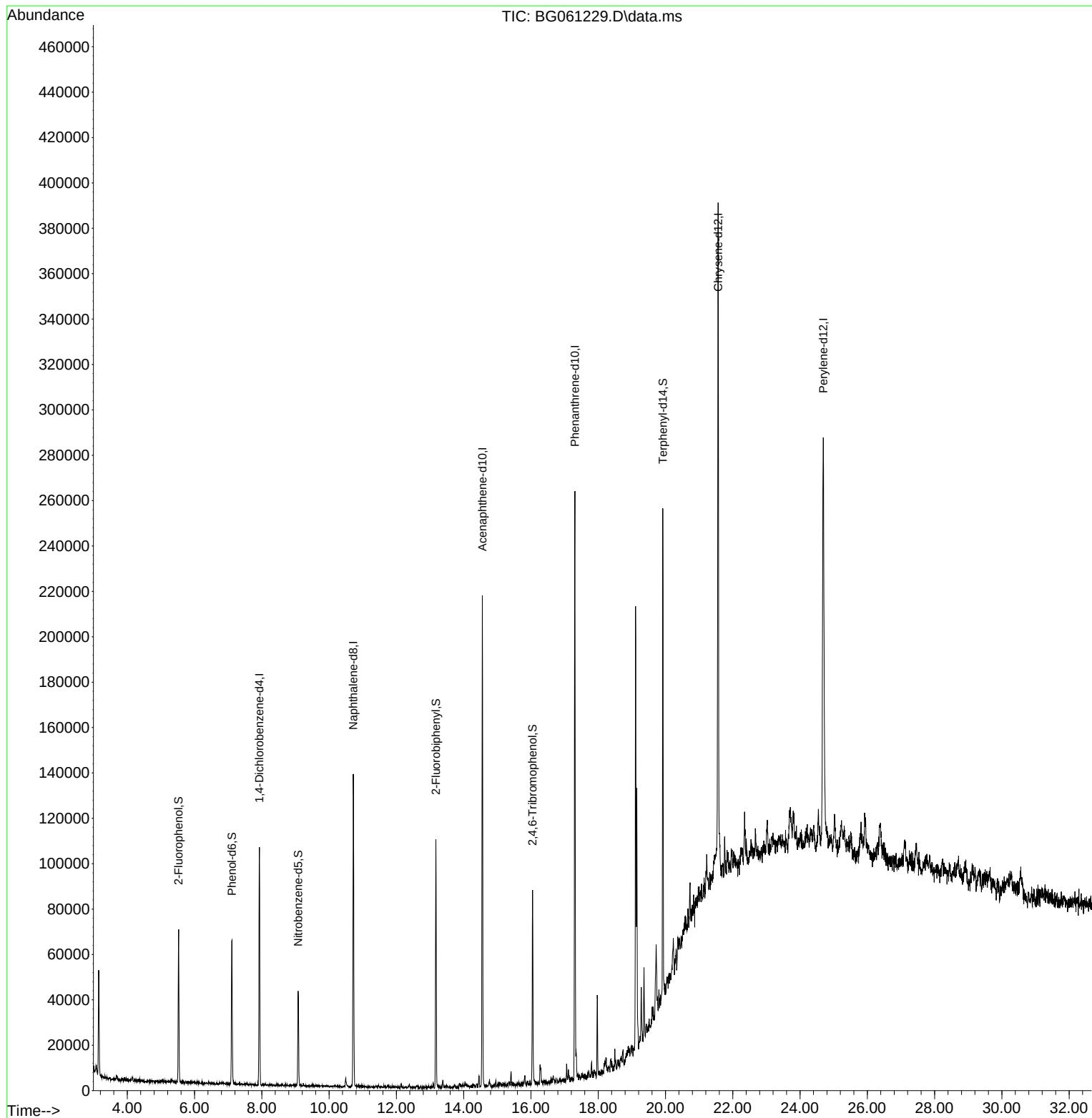
Target Compounds	Qvalue

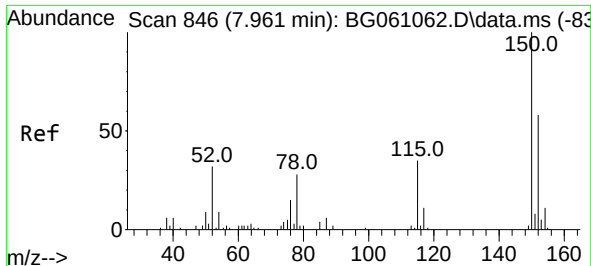
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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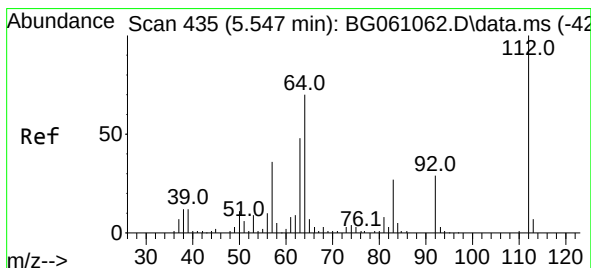
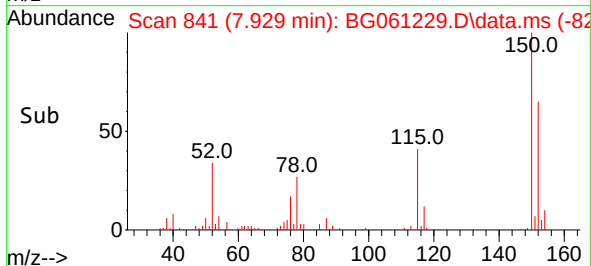
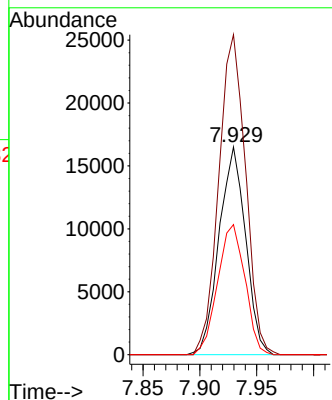
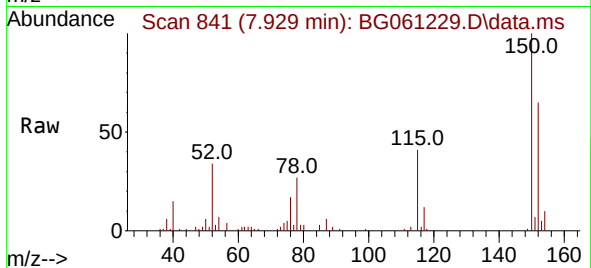




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.929 min Scan# 84
Delta R.T. -0.032 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

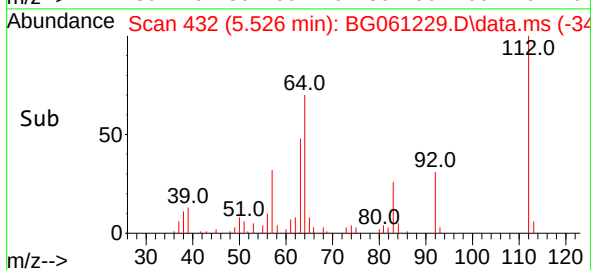
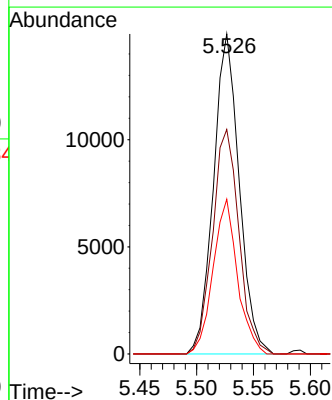
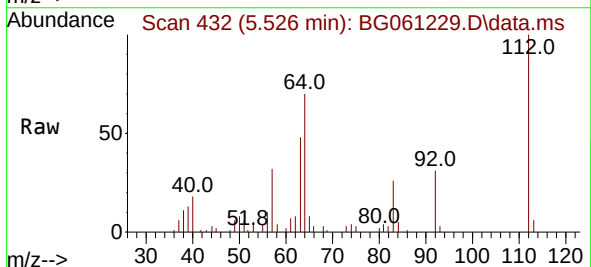
Instrument :
BNA_G
ClientSampleId :
TR-04-051424

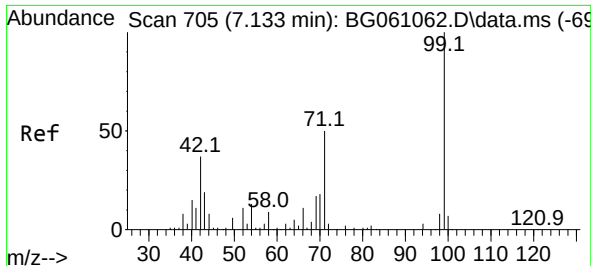
Tgt Ion:152 Resp: 26785
Ion Ratio Lower Upper
152 100
150 154.1 138.3 207.5
115 62.6 48.0 72.0



#5
2-Fluorophenol
Concen: 17.845 ng
RT: 5.526 min Scan# 432
Delta R.T. -0.020 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

Tgt Ion:112 Resp: 23503
Ion Ratio Lower Upper
112 100
64 70.1 55.7 83.5
63 48.4 38.1 57.1

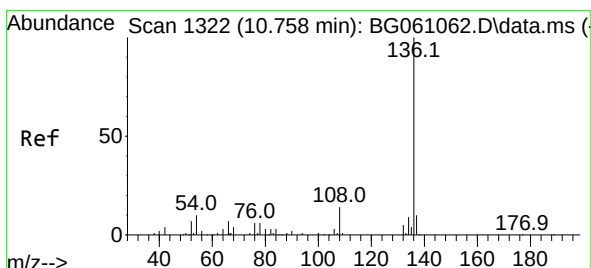
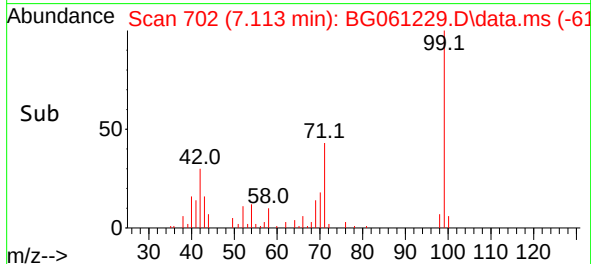
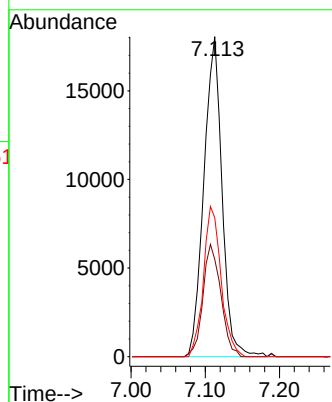
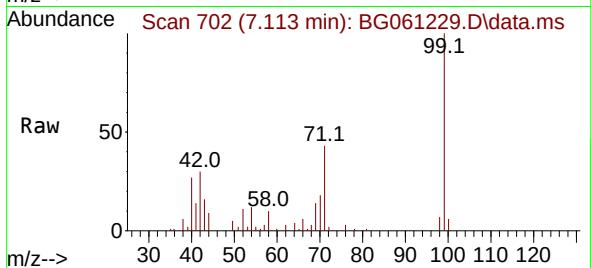




#7
Phenol-d6
Concen: 15.802 ng
RT: 7.113 min Scan# 705
Delta R.T. -0.020 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

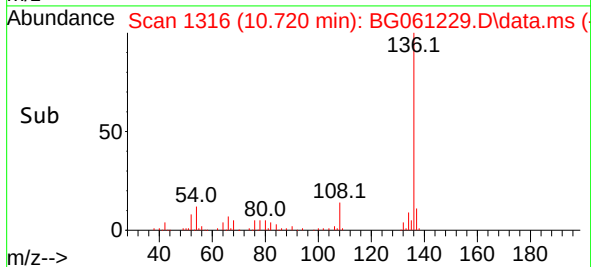
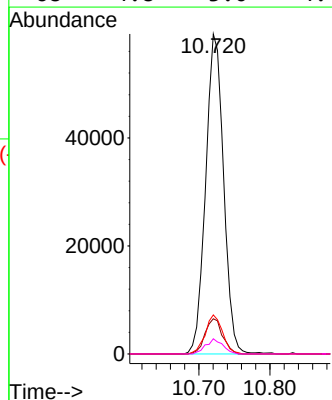
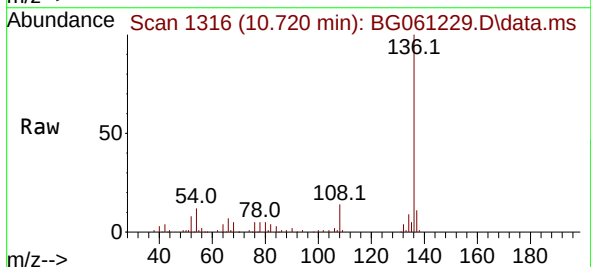
Instrument :
BNA_G
ClientSampleId :
TR-04-051424

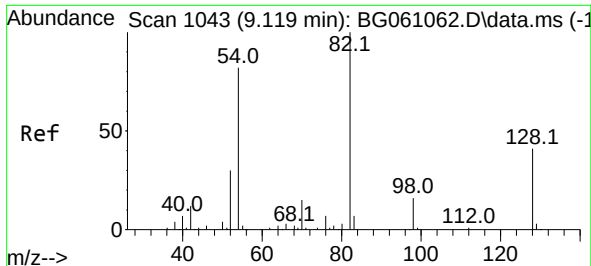
Tgt Ion: 99 Resp: 30787
Ion Ratio Lower Upper
99 100
42 30.4 29.2 43.8
71 43.5 39.7 59.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.720 min Scan# 1316
Delta R.T. -0.038 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

Tgt Ion:136 Resp: 104277
Ion Ratio Lower Upper
136 100
137 11.0 7.8 11.6
54 12.2 8.1 12.1#
68 4.8 3.0 4.4#





#23

Nitrobenzene-d5

Concen: 10.456 ng

RT: 9.081 min Scan# 1043

Delta R.T. -0.038 min

Lab File: BG061229.D

Acq: 16 May 2024 20:45

Instrument :

BNA_G

ClientSampleId :

TR-04-051424

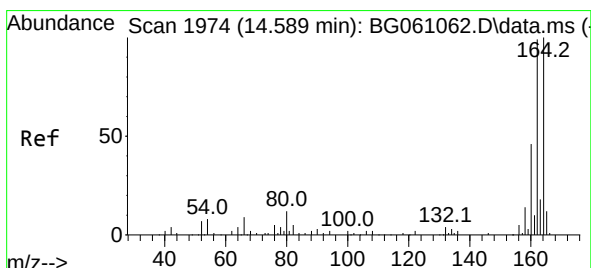
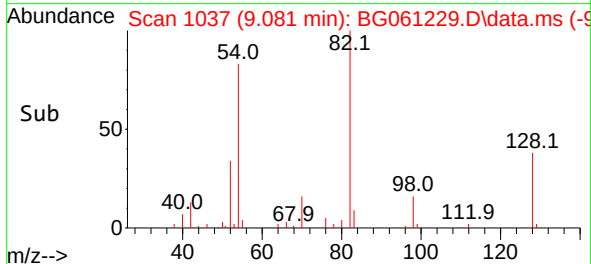
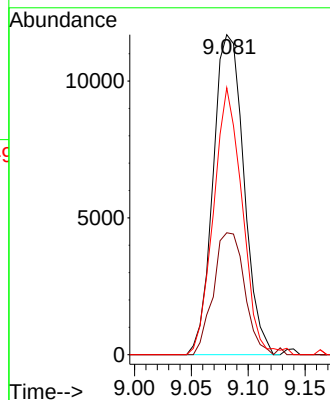
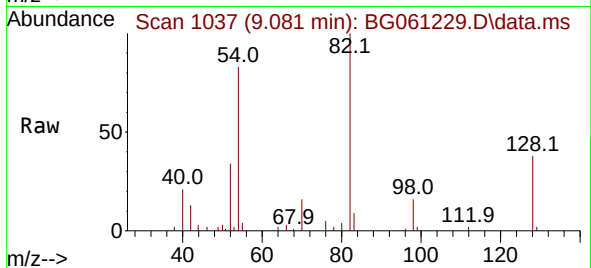
Tgt Ion: 82 Resp: 21995

Ion Ratio Lower Upper

82 100

128 38.1 32.7 49.1

54 83.4 65.6 98.4



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1969

Delta R.T. -0.032 min

Lab File: BG061229.D

Acq: 16 May 2024 20:45

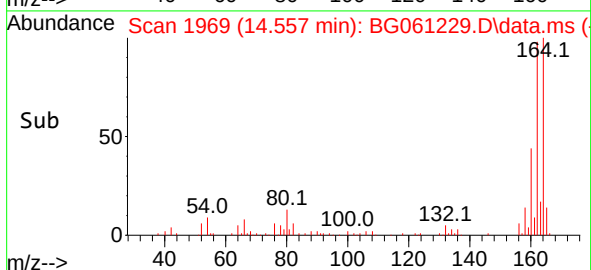
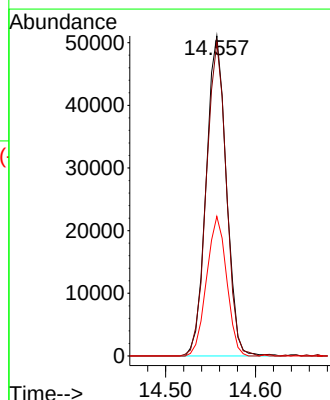
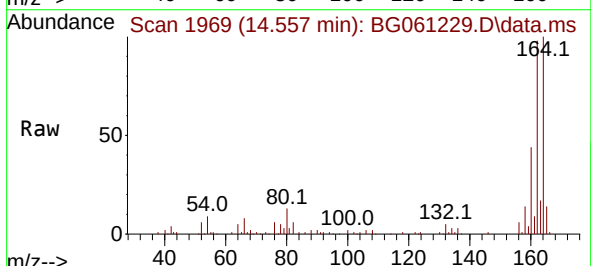
Tgt Ion:164 Resp: 79414

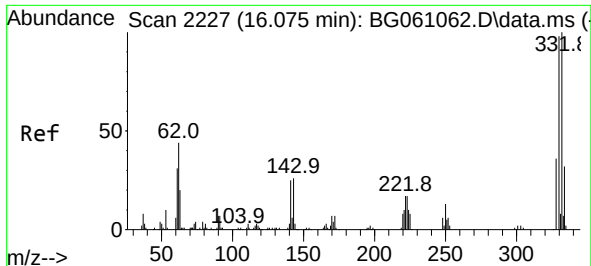
Ion Ratio Lower Upper

164 100

162 98.1 79.4 119.2

160 43.6 37.0 55.6

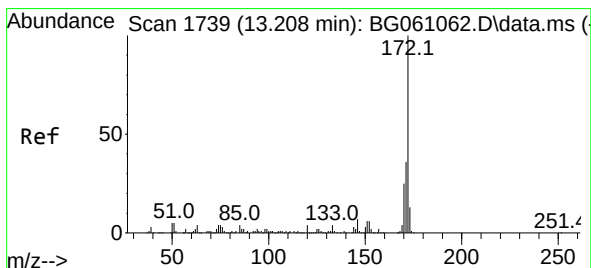
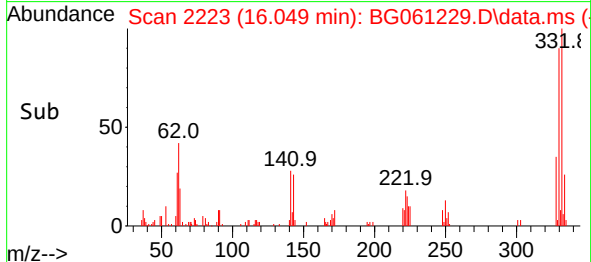
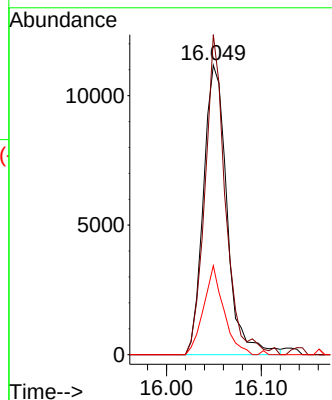
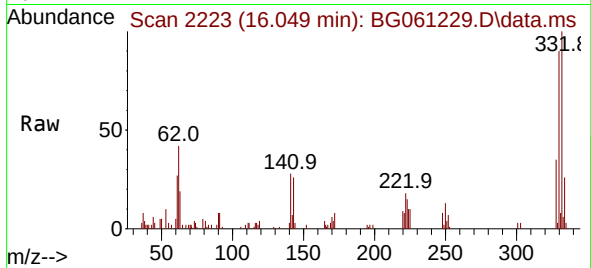




#42
2,4,6-Tribromophenol
Concen: 12.146 ng
RT: 16.049 min Scan# 21
Delta R.T. -0.026 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

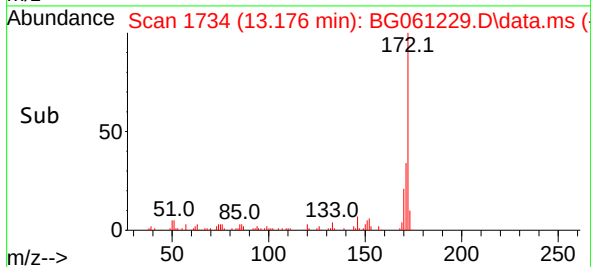
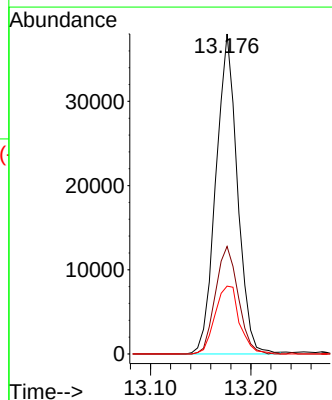
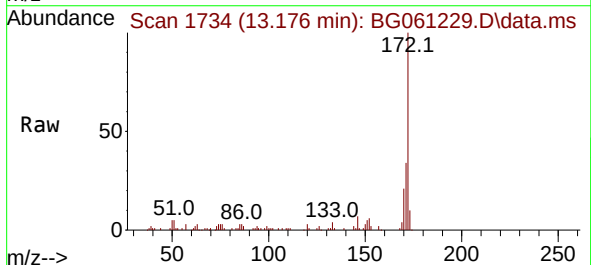
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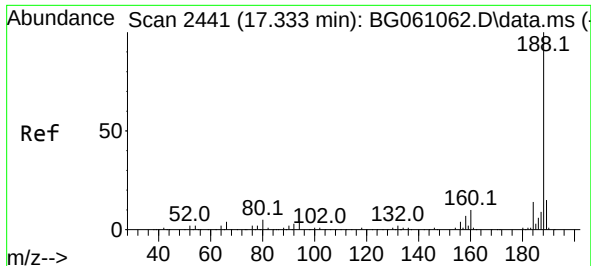
Tgt Ion:330 Resp: 19280
Ion Ratio Lower Upper
330 100
332 96.2 78.6 117.8
141 26.3 20.5 30.7



#45
2-Fluorobiphenyl
Concen: 10.529 ng
RT: 13.176 min Scan# 1734
Delta R.T. -0.032 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

Tgt Ion:172 Resp: 56544
Ion Ratio Lower Upper
172 100
171 33.6 29.0 43.6
170 21.2 20.2 30.4

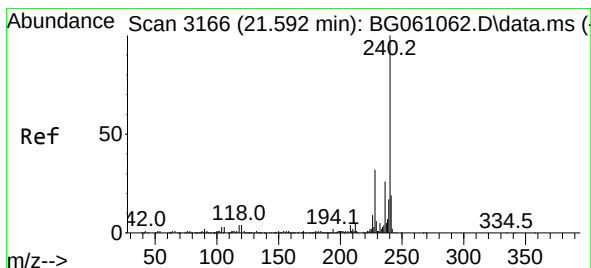
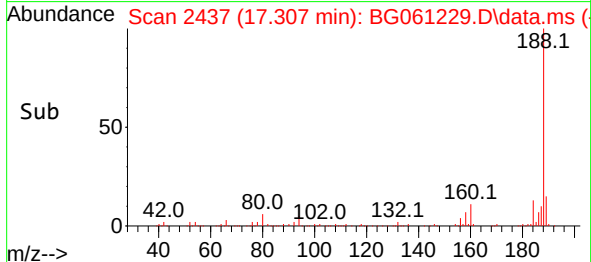
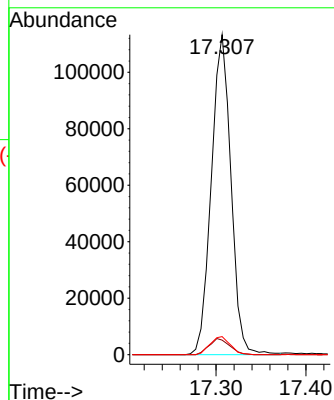
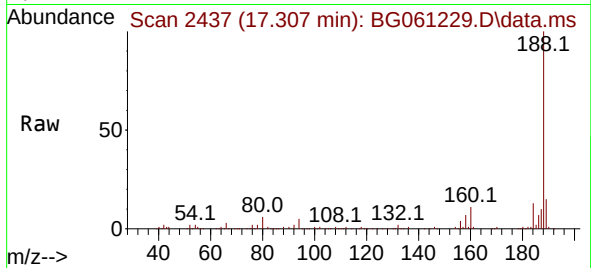




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.307 min Scan# 2441
Delta R.T. -0.026 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

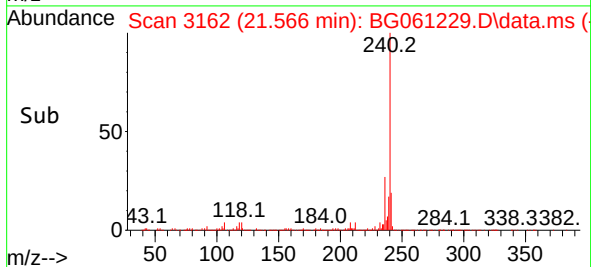
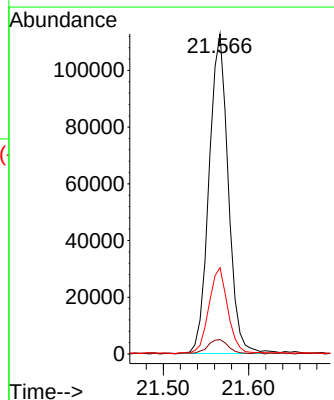
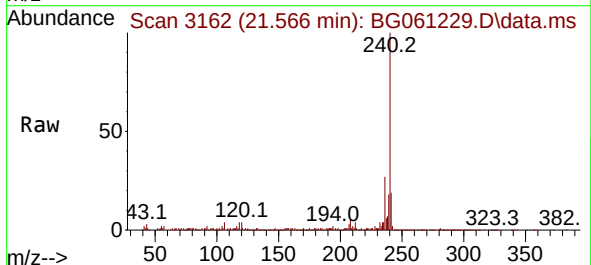
Instrument :
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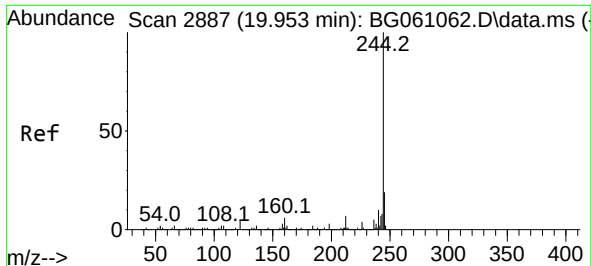
Tgt Ion:188 Resp: 171944
Ion Ratio Lower Upper
188 100
94 4.5 3.6 5.4
80 5.7 4.2 6.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.566 min Scan# 3162
Delta R.T. -0.026 min
Lab File: BG061229.D
Acq: 16 May 2024 20:45

Tgt Ion:240 Resp: 176432
Ion Ratio Lower Upper
240 100
120 4.5 3.2 4.8
236 26.9 21.0 31.6

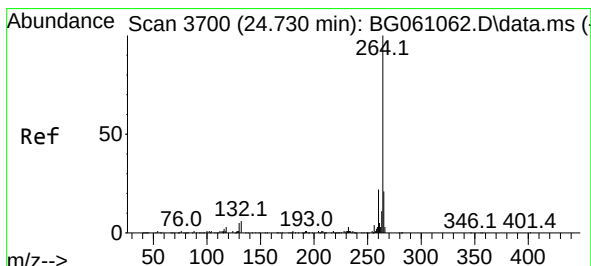
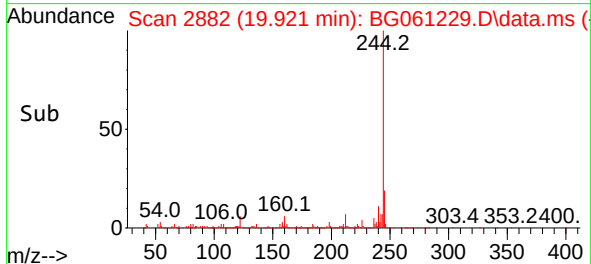
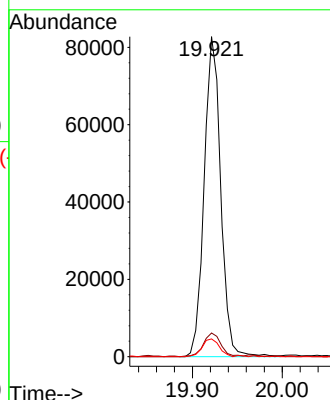
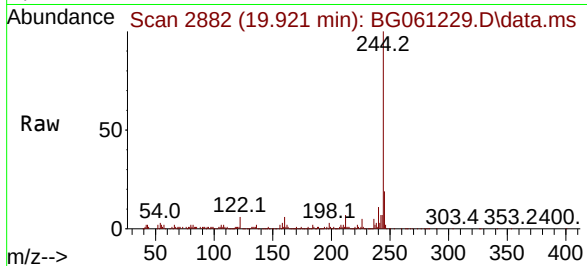




#79
 Terphenyl-d14
 Concen: 9.984 ng
 RT: 19.921 min Scan# 21
 Delta R.T. -0.032 min
 Lab File: BG061229.D
 Acq: 16 May 2024 20:45

Instrument :
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Tgt Ion:244 Resp: 105912
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 5.5 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: BG061229.D
 Acq: 16 May 2024 20:45

Tgt Ion:264 Resp: 217416
 Ion Ratio Lower Upper
 264 100
 260 25.5 17.7 26.5
 265 21.5 16.4 24.6

