

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG082824\
 Data File : BG062596.D
 Acq On : 28 Aug 2024 15:14
 Operator : MA/JU
 Sample : P3727-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MH-21

Quant Time: Aug 28 15:59:20 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 28 00:59:59 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	70407	20.000	ng	0.00
21) Naphthalene-d8	10.723	136	278925	20.000	ng	0.00
39) Acenaphthene-d10	14.554	164	189015	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	492394	20.000	ng	0.00
76) Chrysene-d12	21.546	240	519902	20.000	ng	0.00
86) Perylene-d12	24.625	264	600797	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.518	112	634495	161.665	ng	0.00
7) Phenol-d6	7.104	99	716539	128.174	ng	0.00
23) Nitrobenzene-d5	9.084	82	474794	112.971	ng	0.00
42) 2,4,6-Tribromophenol	16.046	330	423545	202.853	ng	0.00
45) 2-Fluorobiphenyl	13.179	172	1163983	101.259	ng	0.00
79) Terphenyl-d14	19.918	244	2629197	105.731	ng	0.00

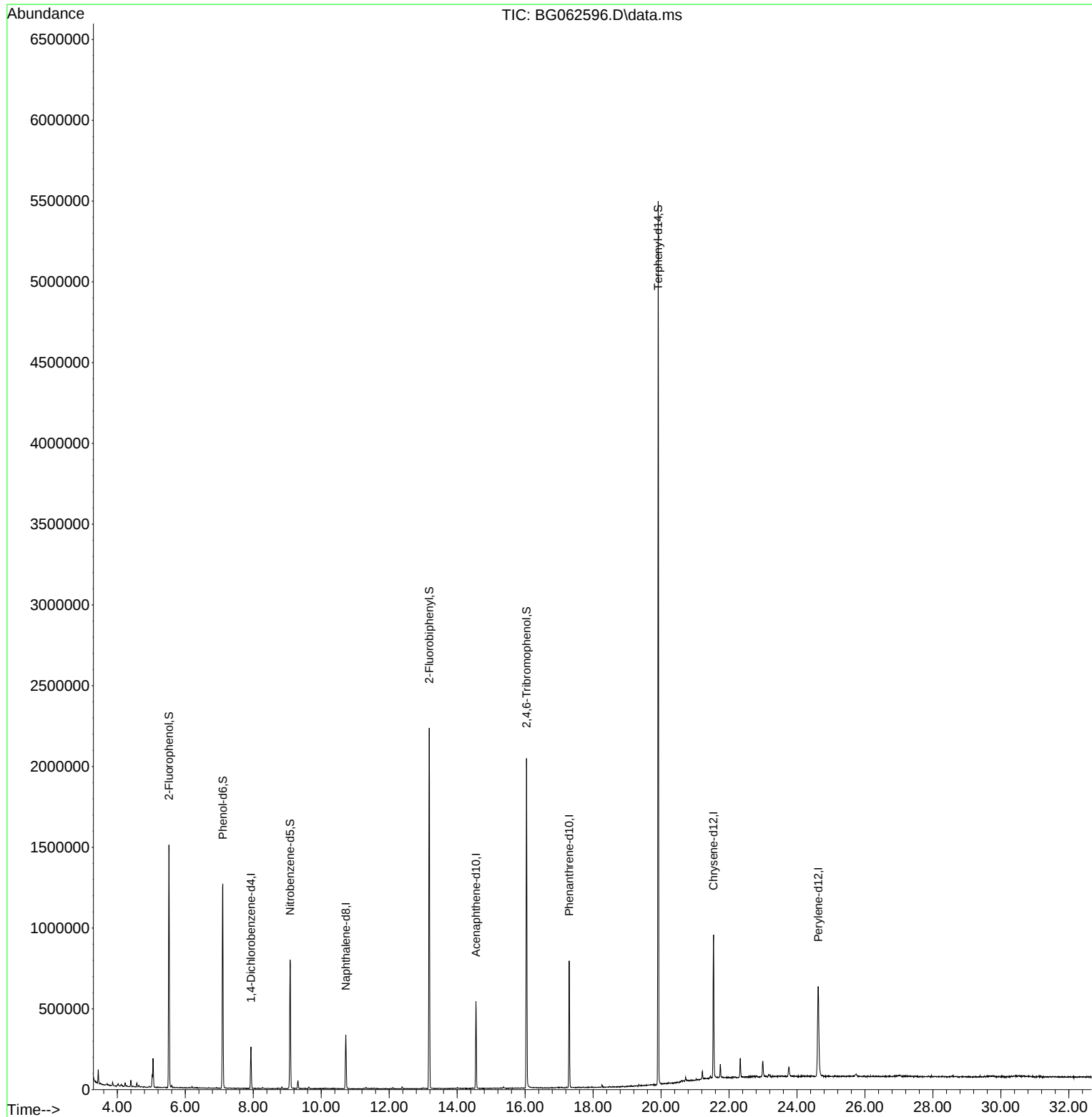
Target Compounds	Qvalue

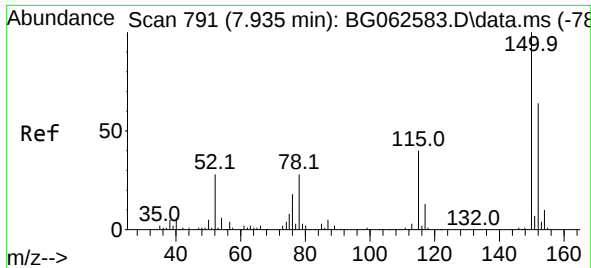
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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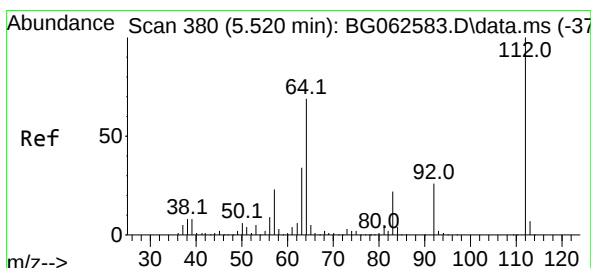
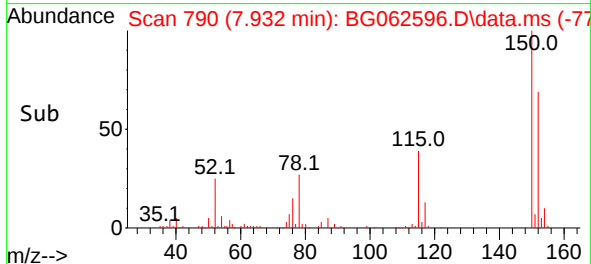
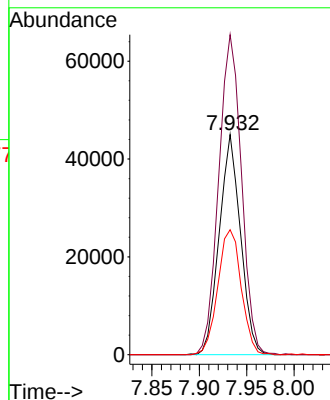
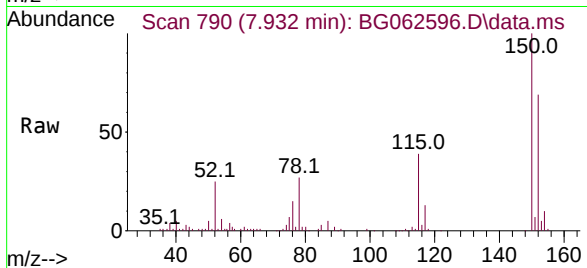




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.932 min Scan# 791
Delta R.T. -0.003 min
Lab File: BG062596.D
Acq: 28 Aug 2024 15:14

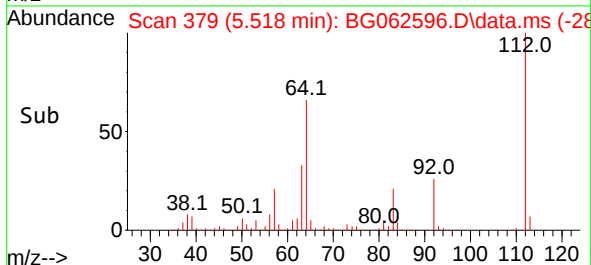
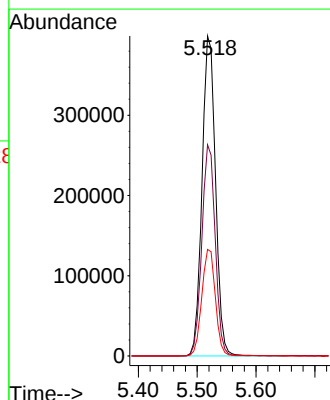
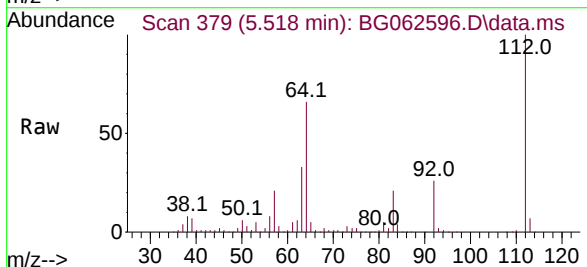
Instrument :
BNA_G
ClientSampleId :
MH-21

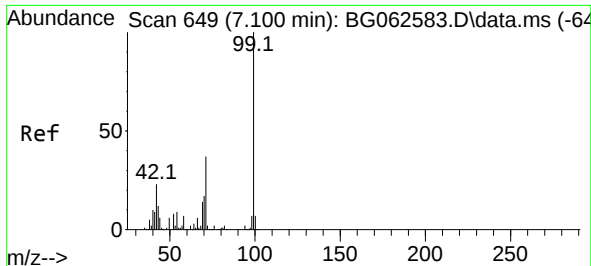
Tgt Ion:152 Resp: 70407
Ion Ratio Lower Upper
152 100
150 145.3 125.1 187.7
115 56.7 50.6 76.0



#5
2-Fluorophenol
Concen: 161.665 ng
RT: 5.518 min Scan# 379
Delta R.T. -0.002 min
Lab File: BG062596.D
Acq: 28 Aug 2024 15:14

Tgt Ion:112 Resp: 634495
Ion Ratio Lower Upper
112 100
64 66.0 55.5 83.3
63 33.3 27.4 41.2

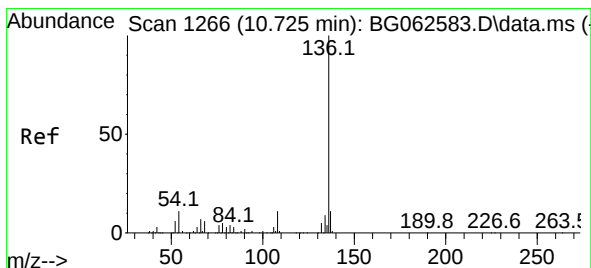
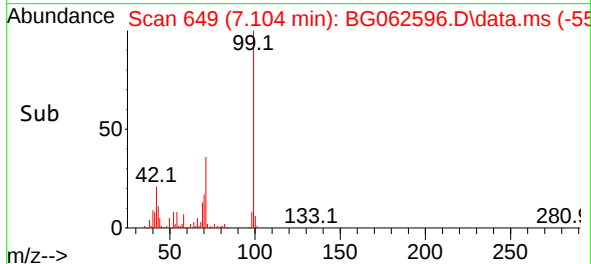
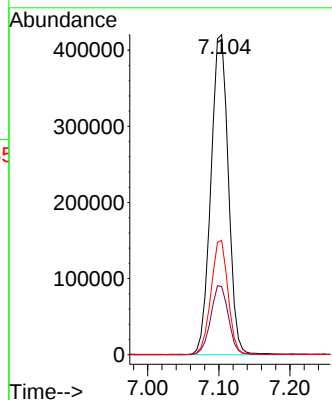
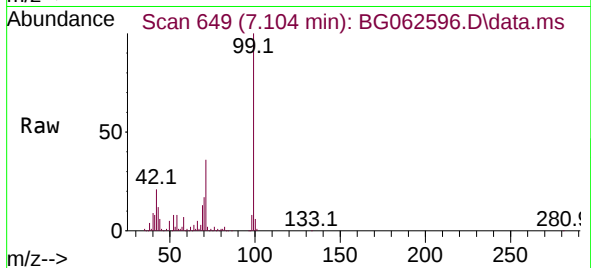




#7
Phenol-d6
Concen: 128.174 ng
RT: 7.104 min Scan# 649
Delta R.T. 0.004 min
Lab File: BG062596.D
Acq: 28 Aug 2024 15:14

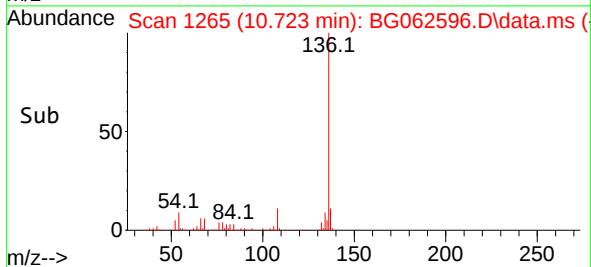
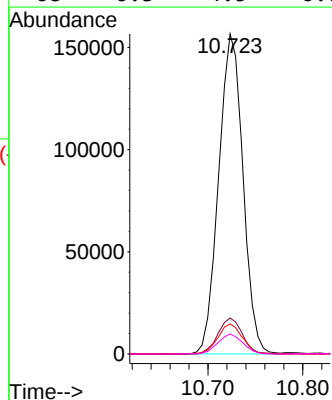
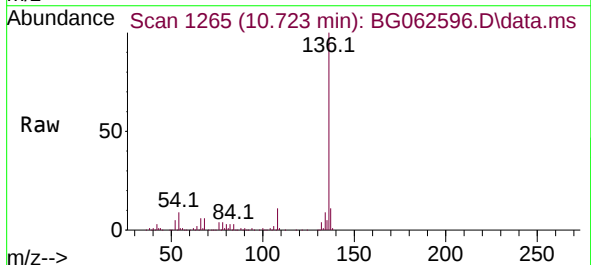
Instrument :
BNA_G
ClientSampleId :
MH-21

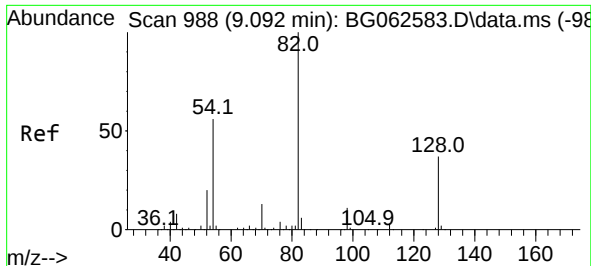
Tgt Ion: 99 Resp: 716539
Ion Ratio Lower Upper
99 100
42 21.3 18.7 28.1
71 35.8 29.8 44.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.723 min Scan# 1265
Delta R.T. -0.002 min
Lab File: BG062596.D
Acq: 28 Aug 2024 15:14

Tgt Ion: 136 Resp: 278925
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 9.4 9.0 13.4
68 6.3 4.5 6.7





#23

Nitrobenzene-d5

Concen: 112.971 ng

RT: 9.084 min Scan# 91

Delta R.T. -0.008 min

Lab File: BG062596.D

Acq: 28 Aug 2024 15:14

Instrument :

BNA_G

ClientSampleId :

MH-21

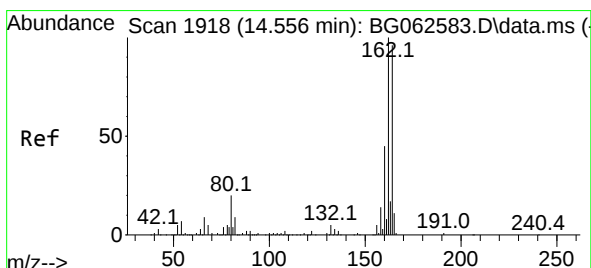
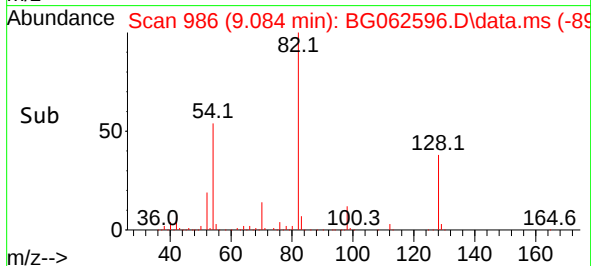
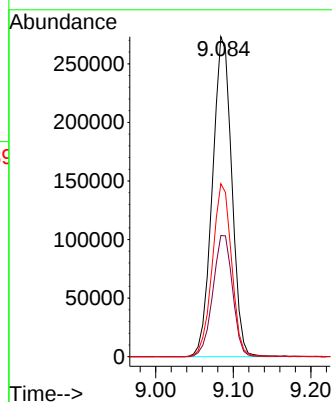
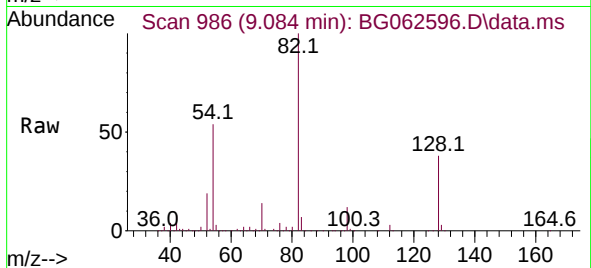
Tgt Ion: 82 Resp: 474794

Ion Ratio Lower Upper

82 100

128 37.9 29.7 44.5

54 54.0 44.4 66.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.554 min Scan# 1917

Delta R.T. -0.002 min

Lab File: BG062596.D

Acq: 28 Aug 2024 15:14

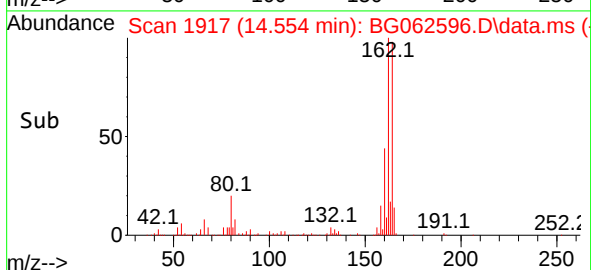
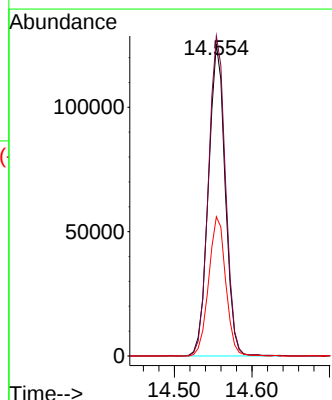
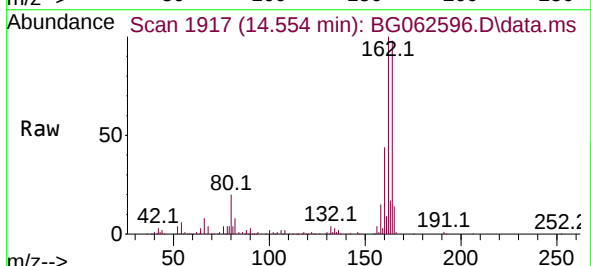
Tgt Ion:164 Resp: 189015

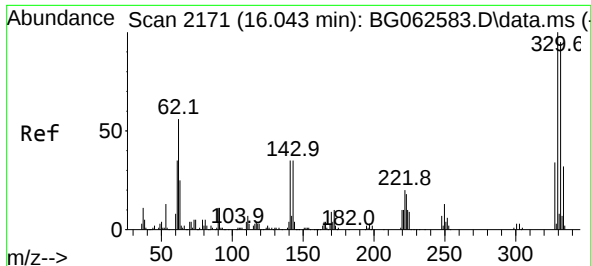
Ion Ratio Lower Upper

164 100

162 102.5 83.0 124.6

160 44.6 37.7 56.5

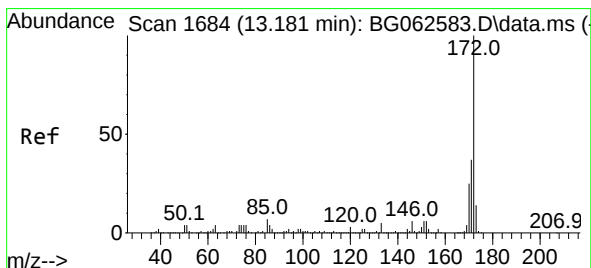
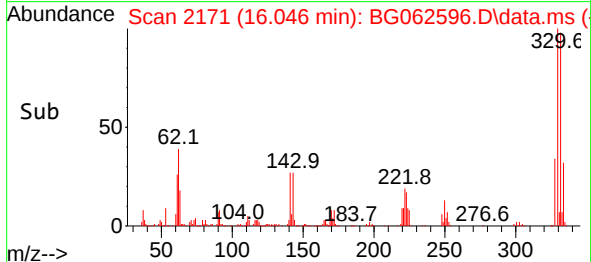
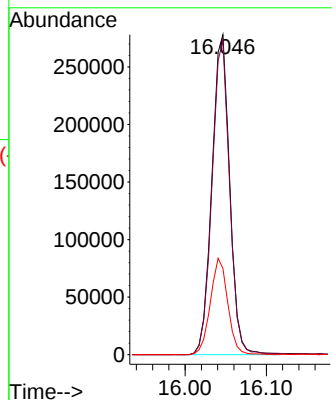
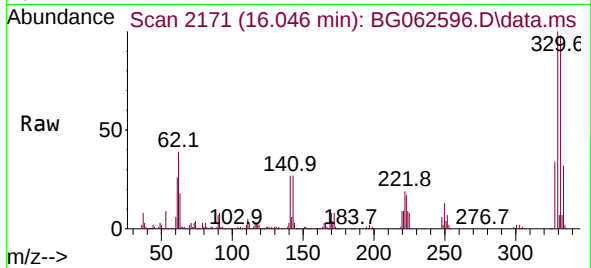




#42
2,4,6-Tribromophenol
Concen: 202.853 ng
RT: 16.046 min Scan# 2171
Delta R.T. 0.004 min
Lab File: BG062596.D
Acq: 28 Aug 2024 15:14

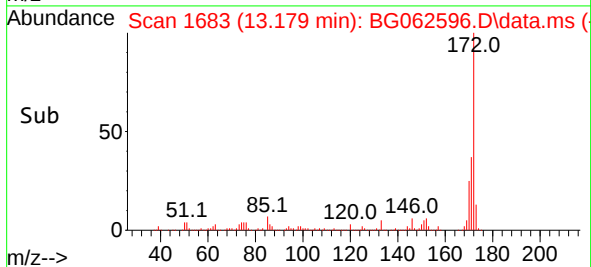
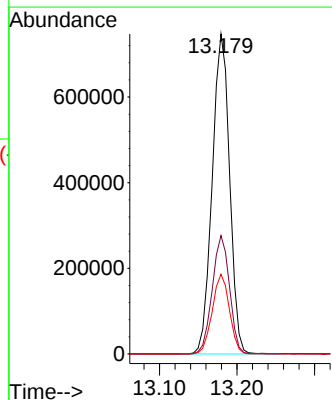
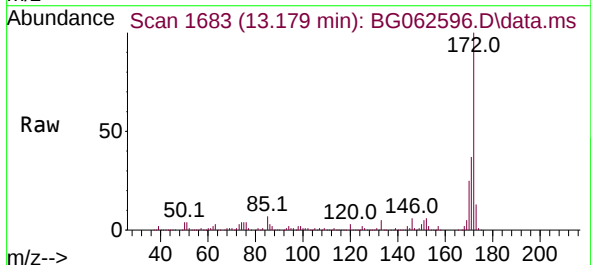
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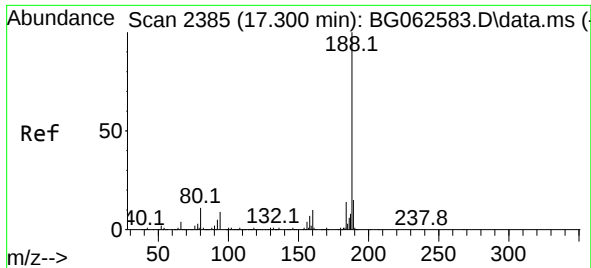
Tgt Ion:330 Resp: 423545
Ion Ratio Lower Upper
330 100
332 97.1 77.6 116.4
141 29.5 26.5 39.7



#45
2-Fluorobiphenyl
Concen: 101.259 ng
RT: 13.179 min Scan# 1683
Delta R.T. -0.002 min
Lab File: BG062596.D
Acq: 28 Aug 2024 15:14

Tgt Ion:172 Resp: 1163983
Ion Ratio Lower Upper
172 100
171 37.0 29.7 44.5
170 24.9 20.1 30.1

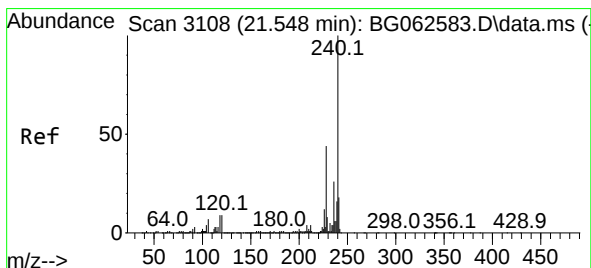
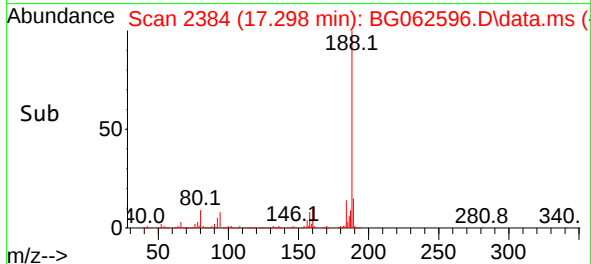
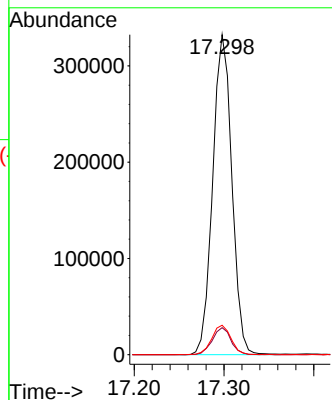
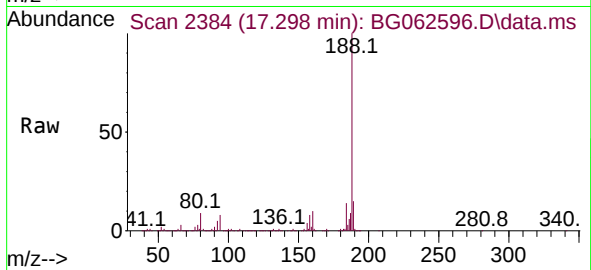




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.298 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG062596.D
Acq: 28 Aug 2024 15:14

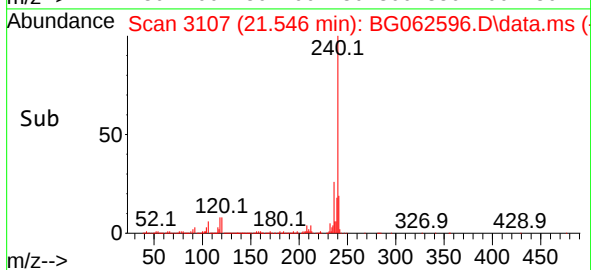
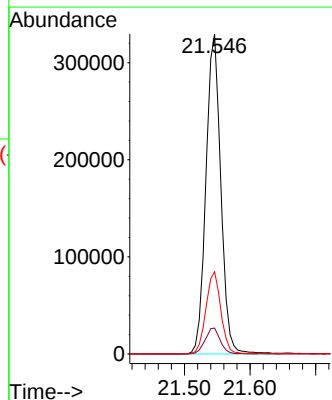
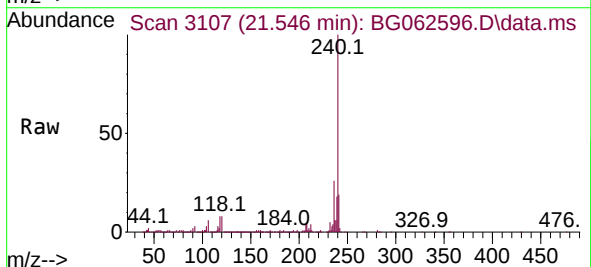
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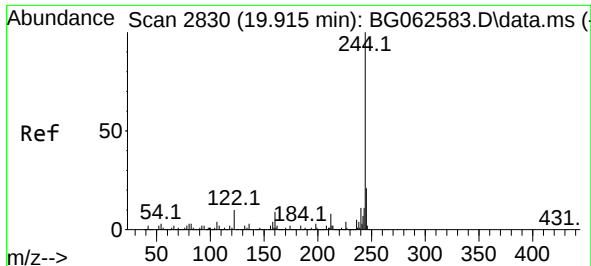
Tgt Ion:188 Resp: 492394
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 9.2 8.4 12.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.546 min Scan# 3107
Delta R.T. -0.002 min
Lab File: BG062596.D
Acq: 28 Aug 2024 15:14

Tgt Ion:240 Resp: 519902
Ion Ratio Lower Upper
240 100
120 8.1 7.4 11.0
236 25.7 20.5 30.7

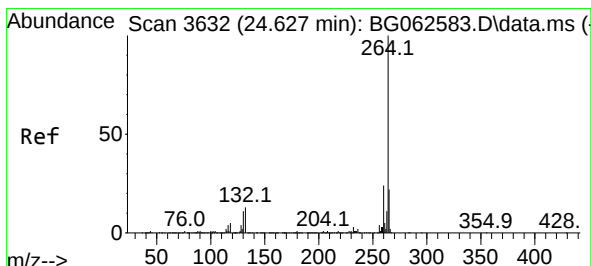
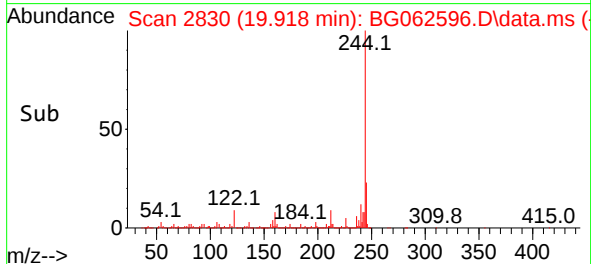
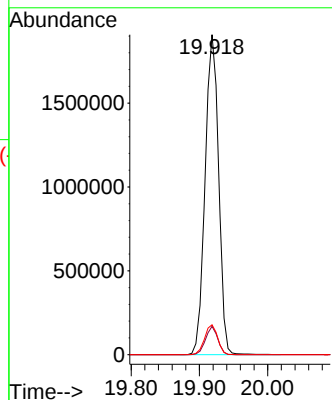
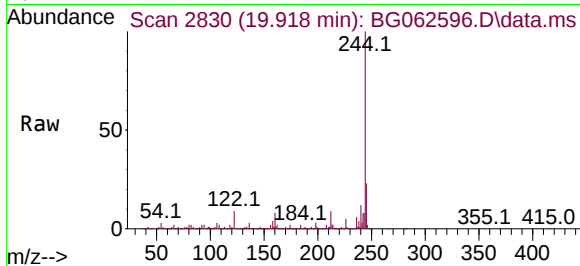




#79
 Terphenyl-d14
 Concen: 105.731 ng
 RT: 19.918 min Scan# 21
 Delta R.T. 0.004 min
 Lab File: BG062596.D
 Acq: 28 Aug 2024 15:14

Instrument :
 BNA_G
 ClientSampleId :
 MH-21

Tgt Ion:244 Resp: 2629197
 Ion Ratio Lower Upper
 244 100
 212 8.8 6.7 10.1
 122 9.4 8.4 12.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.625 min Scan# 3631
 Delta R.T. -0.002 min
 Lab File: BG062596.D
 Acq: 28 Aug 2024 15:14

Tgt Ion:264 Resp: 600797
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.4
 265 22.2 17.8 26.6

