

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
 Data File : BG061006.D
 Acq On : 23 Apr 2024 13:47
 Operator : MA/JU
 Sample : P2177-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LKWD-BACKFILL-19

Quant Time: Apr 23 14:44:47 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG042024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 04:22:00 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.940	152	17625	20.000	ng	0.00
21) Naphthalene-d8	10.737	136	68982	20.000	ng	0.00
39) Acenaphthene-d10	14.568	164	58261	20.000	ng	0.00
64) Phenanthrene-d10	17.318	188	161486	20.000	ng	0.00
76) Chrysene-d12	21.577	240	182134	20.000	ng	0.00
86) Perylene-d12	24.697	264	227943	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.531	112	70304	80.685	ng	0.00
7) Phenol-d6	7.106	99	100754	77.933	ng	0.00
23) Nitrobenzene-d5	9.092	82	72054	46.930	ng	0.00
42) 2,4,6-Tribromophenol	16.060	330	99991	78.157	ng	0.00
45) 2-Fluorobiphenyl	13.193	172	214435	50.940	ng	0.00
79) Terphenyl-d14	19.938	244	603590	51.441	ng	0.00

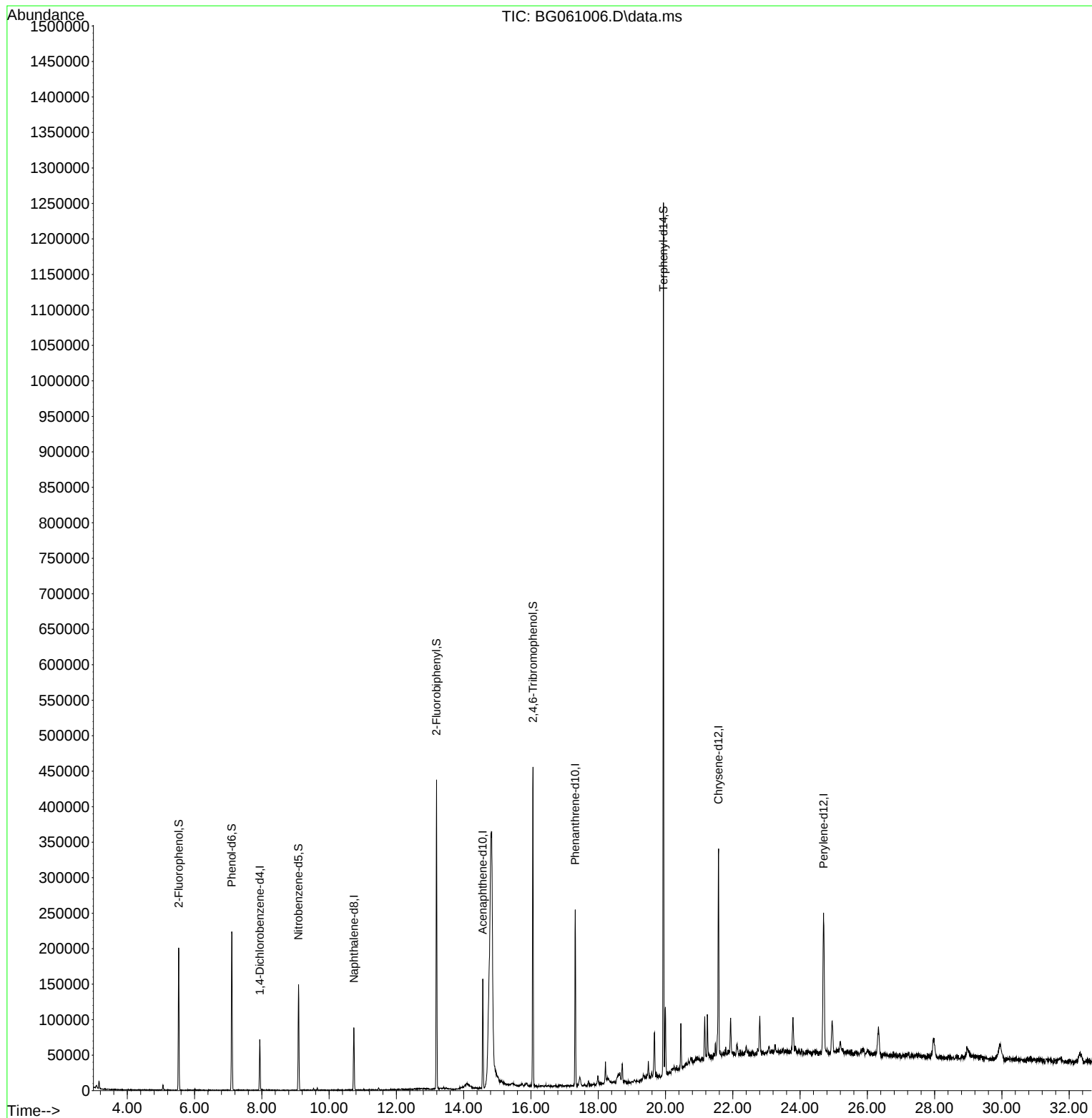
Target Compounds	Qvalue

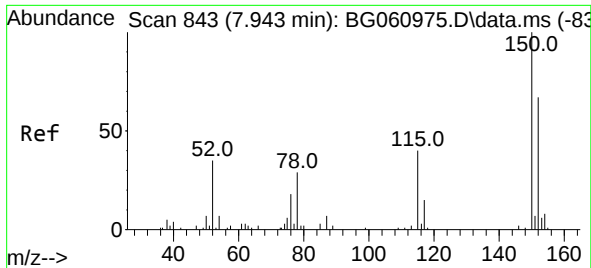
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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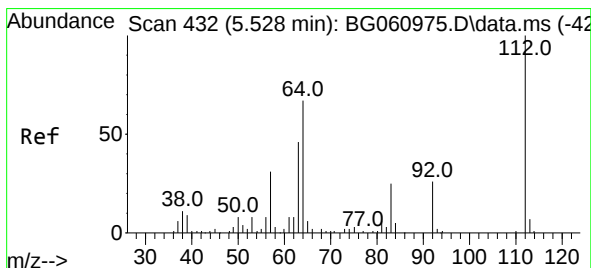
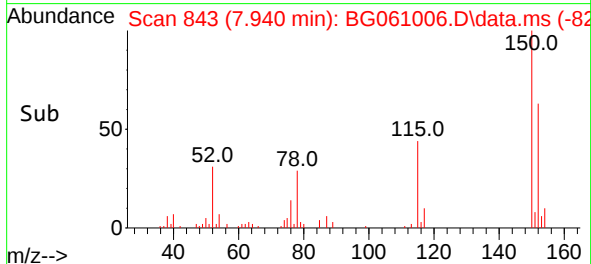
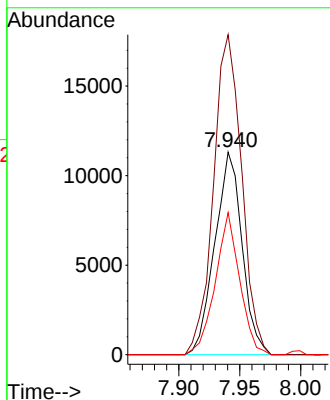
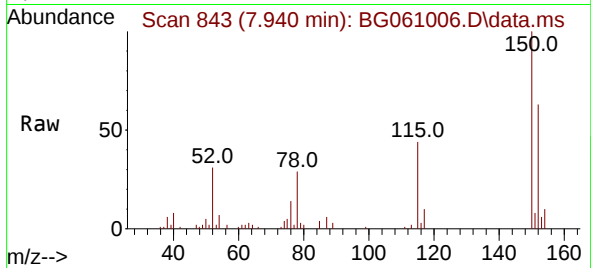




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.940 min Scan# 843
 Delta R.T. -0.003 min
 Lab File: BG061006.D
 Acq: 23 Apr 2024 13:47

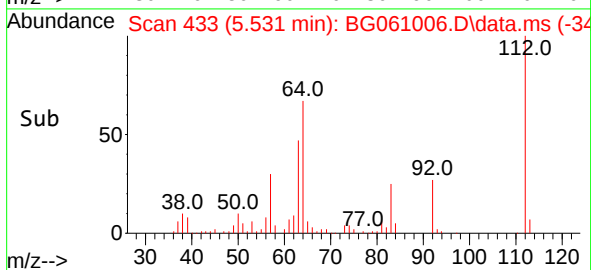
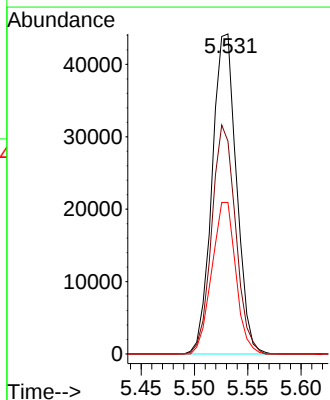
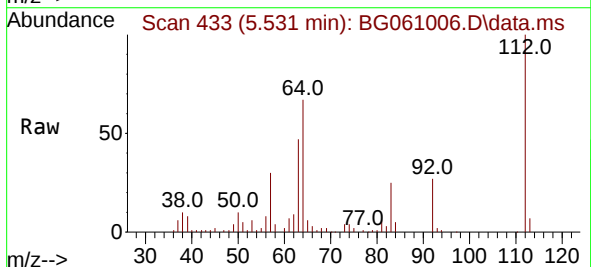
Instrument :
 BNA_G
 ClientSampleId :
 LKWD-BACKFILL-19

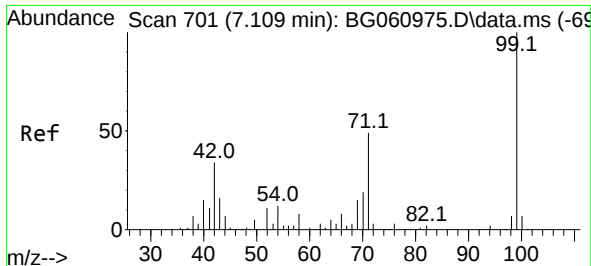
Tgt Ion:152 Resp: 17625
 Ion Ratio Lower Upper
 152 100
 150 157.9 118.6 178.0
 115 70.1 47.4 71.0



#5
 2-Fluorophenol
 Concen: 80.685 ng
 RT: 5.531 min Scan# 433
 Delta R.T. 0.003 min
 Lab File: BG061006.D
 Acq: 23 Apr 2024 13:47

Tgt Ion:112 Resp: 70304
 Ion Ratio Lower Upper
 112 100
 64 66.5 53.7 80.5
 63 47.4 37.0 55.6

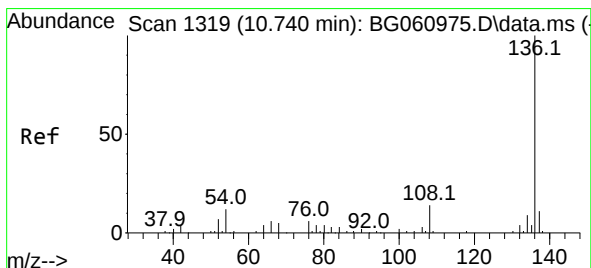
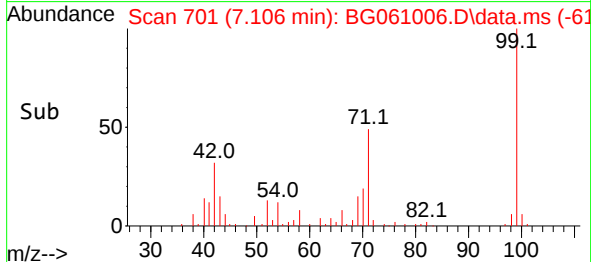
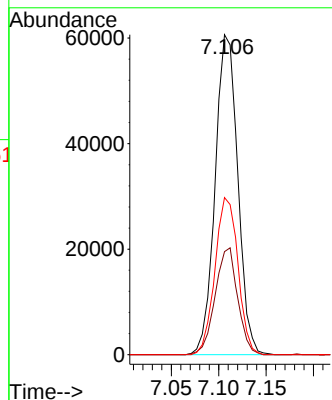
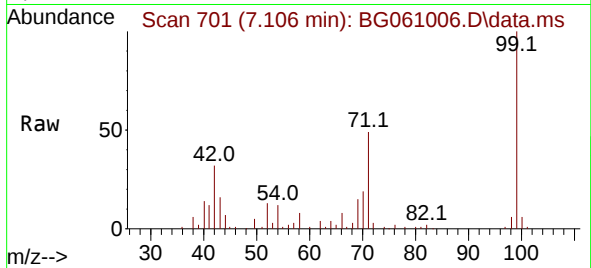




#7
Phenol-d6
Concen: 77.933 ng
RT: 7.106 min Scan# 701
Delta R.T. -0.003 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

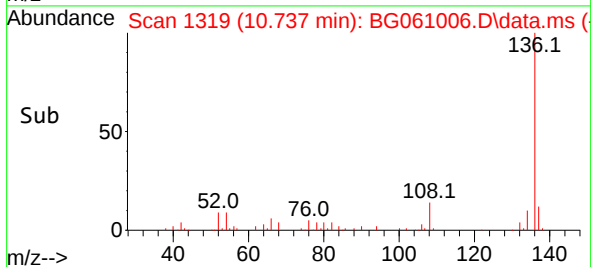
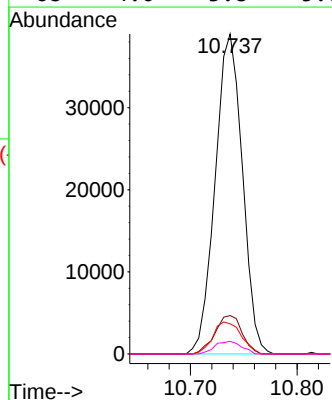
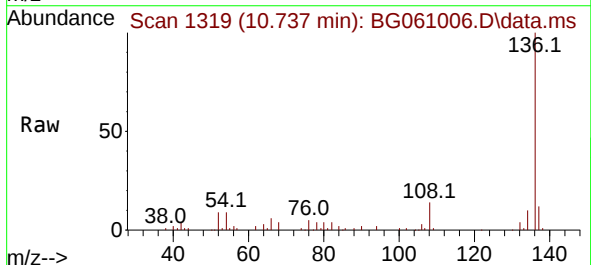
Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-19

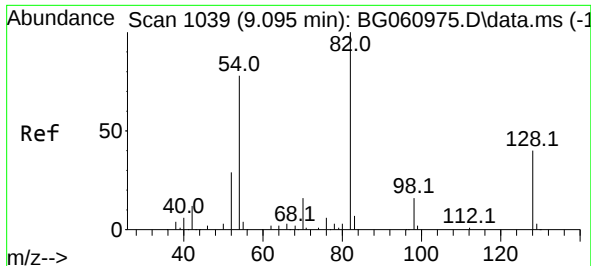
Tgt Ion: 99 Resp: 100754
Ion Ratio Lower Upper
99 100
42 32.2 27.2 40.8
71 49.1 38.8 58.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.737 min Scan# 1319
Delta R.T. -0.003 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

Tgt Ion: 136 Resp: 68982
Ion Ratio Lower Upper
136 100
137 12.0 8.5 12.7
54 9.4 9.4 14.0
68 4.0 3.8 5.6





#23

Nitrobenzene-d5

Concen: 46.930 ng

RT: 9.092 min Scan# 1039

Delta R.T. -0.003 min

Lab File: BG061006.D

Acq: 23 Apr 2024 13:47

Instrument :

BNA_G

ClientSampleId :

LKWD-BACKFILL-19

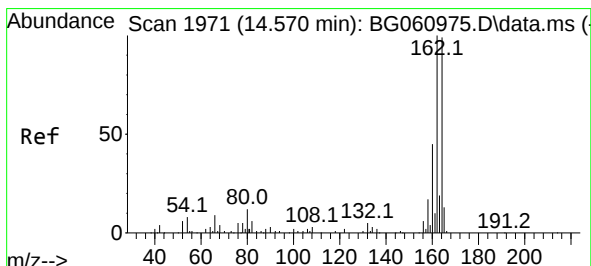
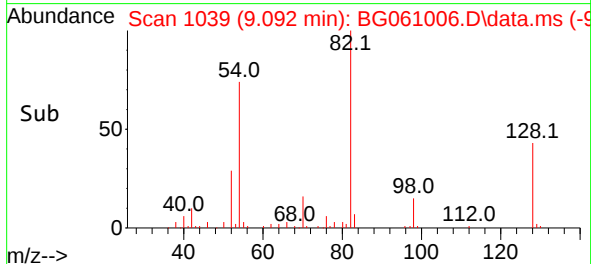
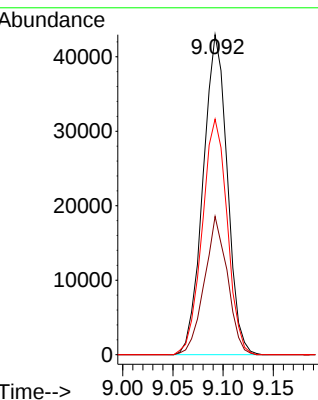
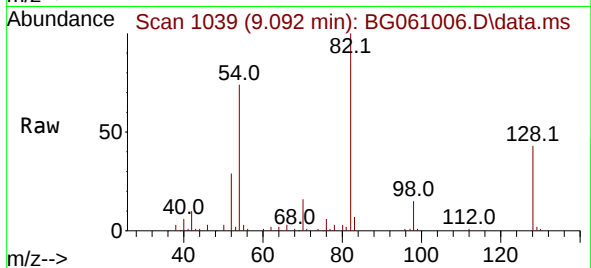
Tgt Ion: 82 Resp: 72054

Ion Ratio Lower Upper

82 100

128 43.2 32.1 48.1

54 73.6 62.3 93.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.568 min Scan# 1971

Delta R.T. -0.003 min

Lab File: BG061006.D

Acq: 23 Apr 2024 13:47

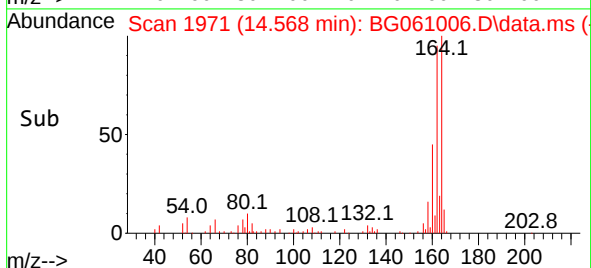
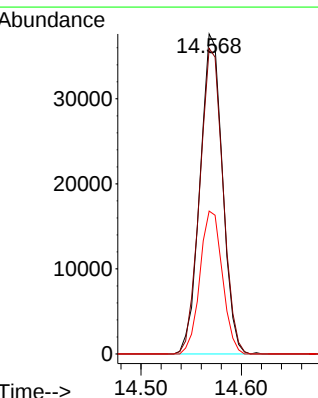
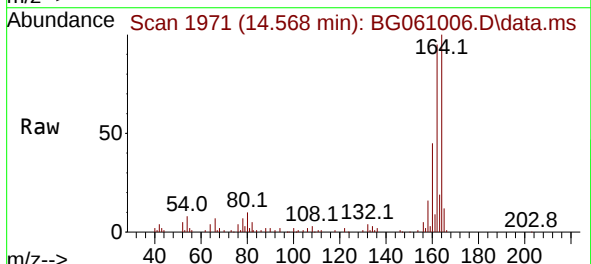
Tgt Ion:164 Resp: 58261

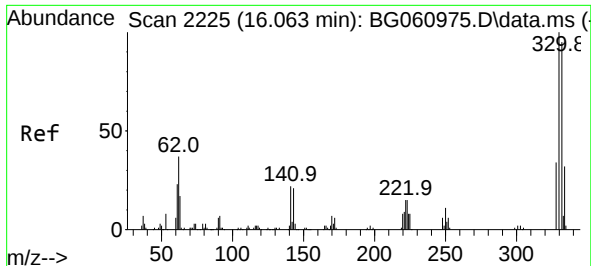
Ion Ratio Lower Upper

164 100

162 95.5 81.2 121.8

160 44.7 36.2 54.2

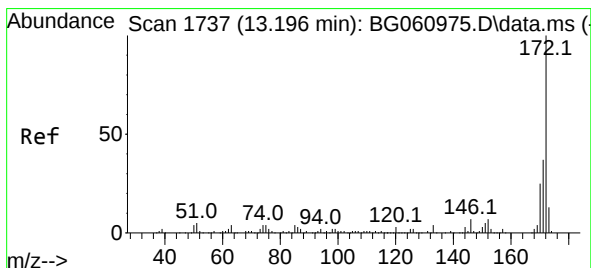
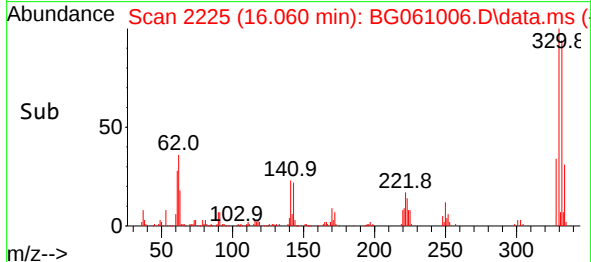
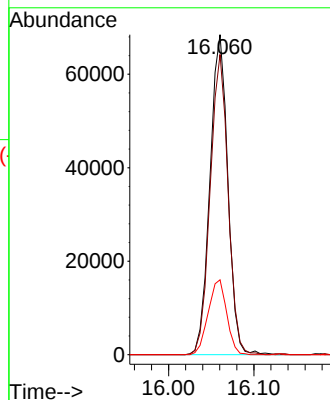
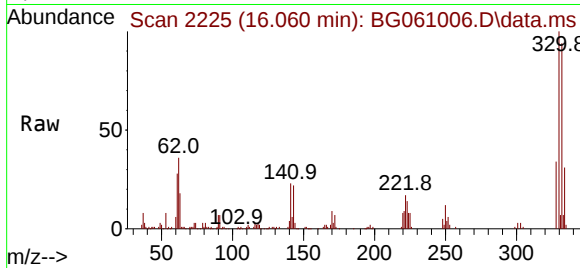




#42
2,4,6-Tribromophenol
Concen: 78.157 ng
RT: 16.060 min Scan# 21
Delta R.T. -0.003 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

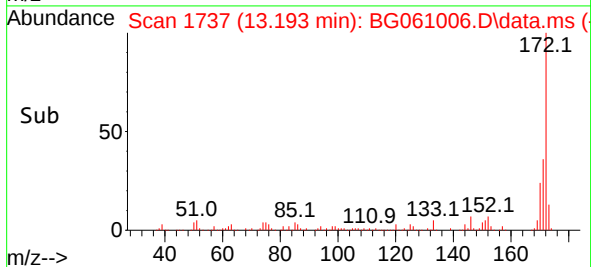
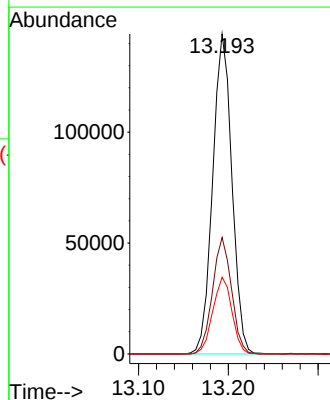
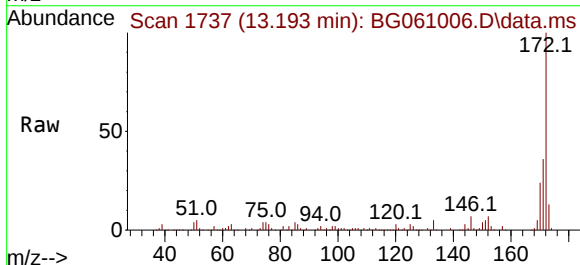
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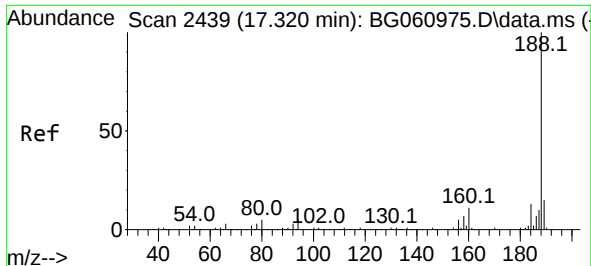
Tgt Ion:330 Resp: 99991
Ion Ratio Lower Upper
330 100
332 93.7 77.1 115.7
141 24.2 20.6 31.0



#45
2-Fluorobiphenyl
Concen: 50.940 ng
RT: 13.193 min Scan# 1737
Delta R.T. -0.003 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

Tgt Ion:172 Resp: 214435
Ion Ratio Lower Upper
172 100
171 36.4 29.3 43.9
170 24.0 20.1 30.1

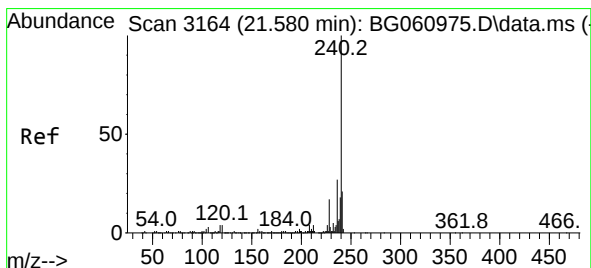
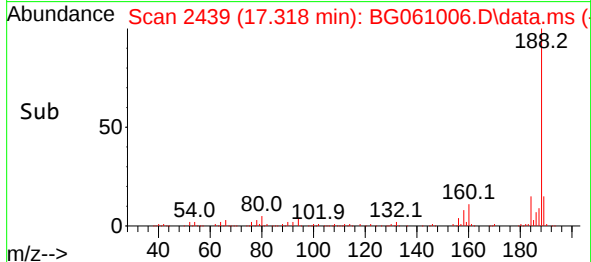
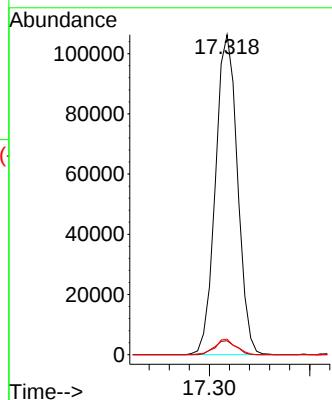
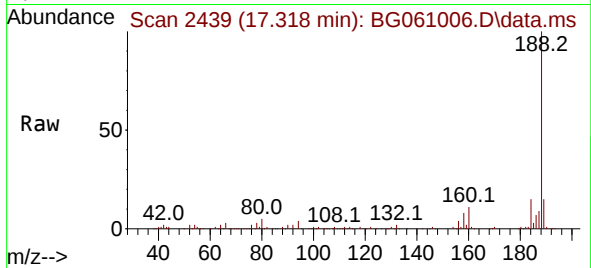




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.318 min Scan# 2439
Delta R.T. -0.003 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

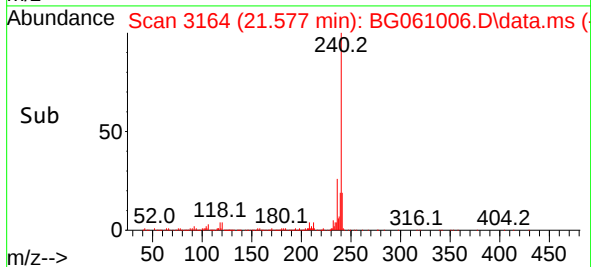
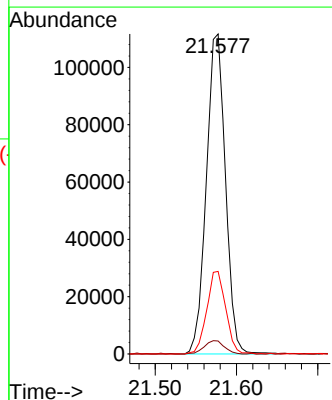
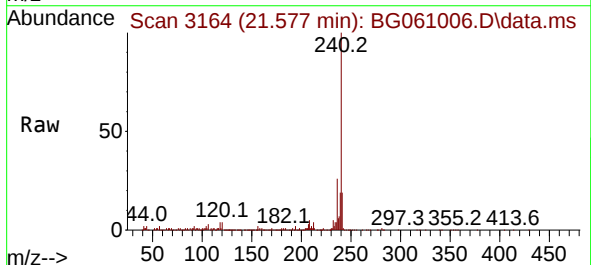
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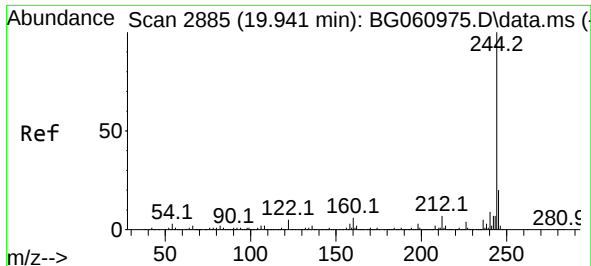
Tgt Ion:188 Resp: 161486
Ion Ratio Lower Upper
188 100
94 4.3 4.1 6.1
80 4.9 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.577 min Scan# 3164
Delta R.T. -0.003 min
Lab File: BG061006.D
Acq: 23 Apr 2024 13:47

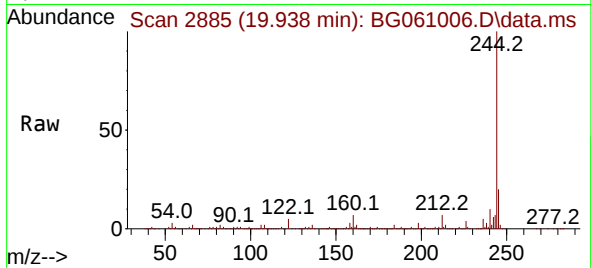
Tgt Ion:240 Resp: 182134
Ion Ratio Lower Upper
240 100
120 4.0 3.0 4.6
236 25.8 21.8 32.6



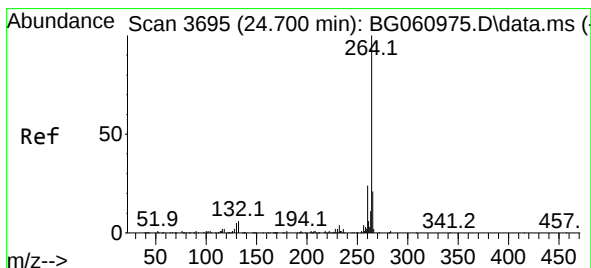
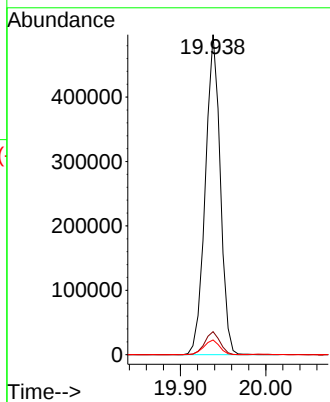
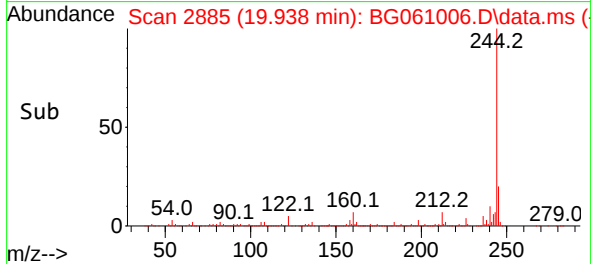


#79
 Terphenyl-d14
 Concen: 51.441 ng
 RT: 19.938 min Scan# 21
 Delta R.T. -0.003 min
 Lab File: BG061006.D
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Tgt Ion:244 Resp: 603590
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.9 8.9
 122 4.6 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.697 min Scan# 3695
 Delta R.T. -0.003 min
 Lab File: BG061006.D
 Acq: 23 Apr 2024 13:47

Tgt Ion:264 Resp: 227943
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.4 29.2
 265 20.8 17.0 25.4

