

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042324\
 Data File : BG061007.D
 Acq On : 23 Apr 2024 14:28
 Operator : MA/JU
 Sample : P2177-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LKWD-BACKFILL-20

Quant Time: Apr 23 15:18:48 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	7.943	152	20773	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	76703	20.000	ng	# 0.00
39) Acenaphthene-d10	14.570	164	62813	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	171744	20.000	ng	0.00
76) Chrysene-d12	21.574	240	182021	20.000	ng	0.00
86) Perylene-d12	24.699	264	223081	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	106147	103.360	ng	0.00
7) Phenol-d6	7.108	99	139537	91.575	ng	0.00
23) Nitrobenzene-d5	9.094	82	98404	57.640	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	139988	101.490	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	290501	64.009	ng	0.00
79) Terphenyl-d14	19.940	244	741112	63.200	ng	0.00

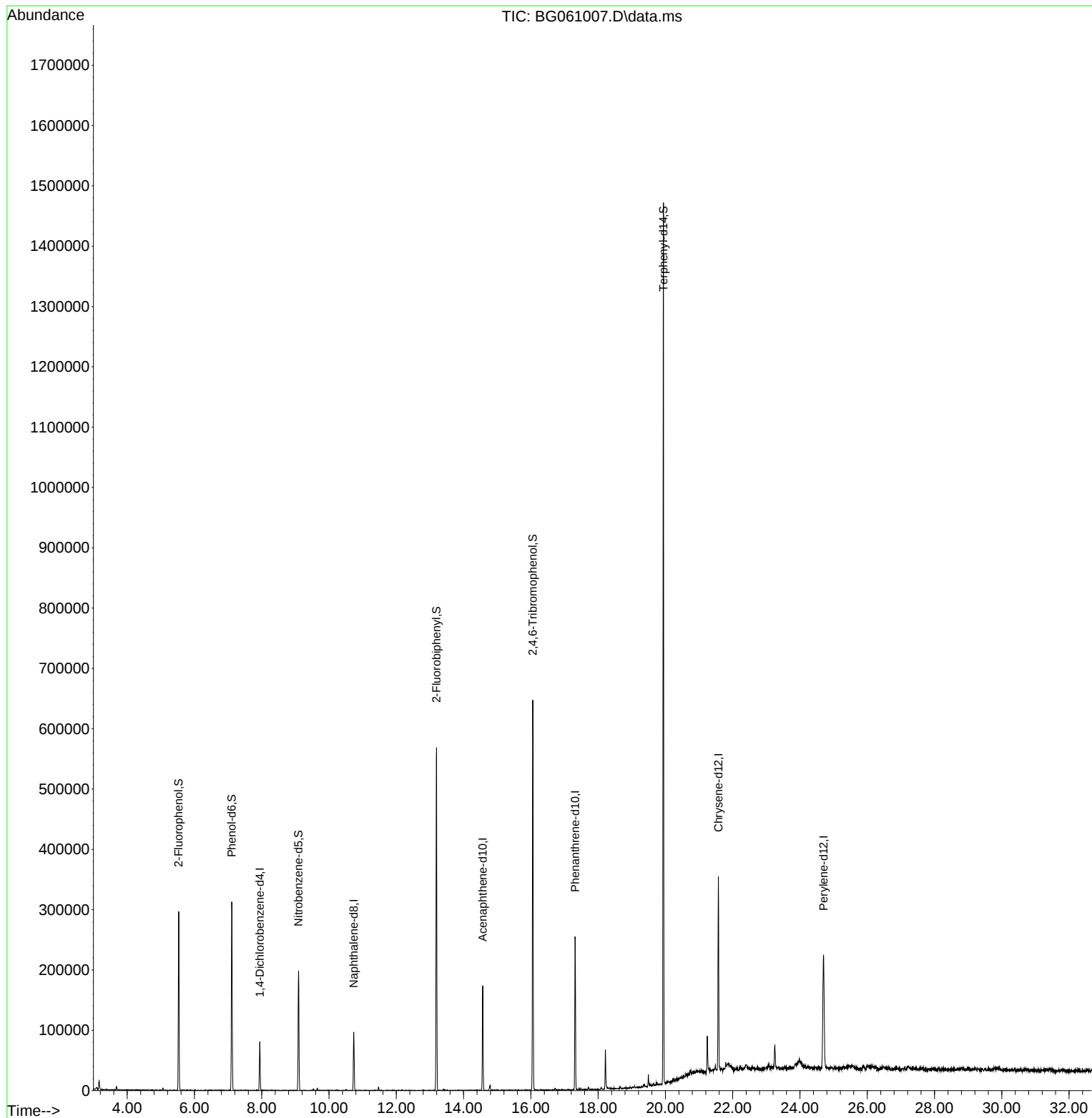
Target Compounds	Qvalue

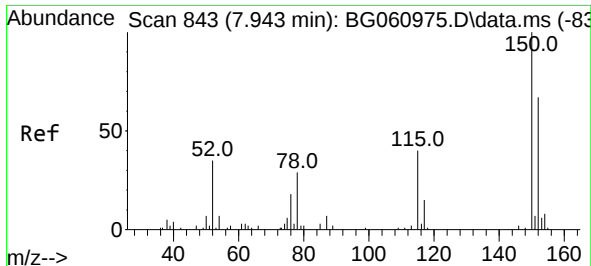
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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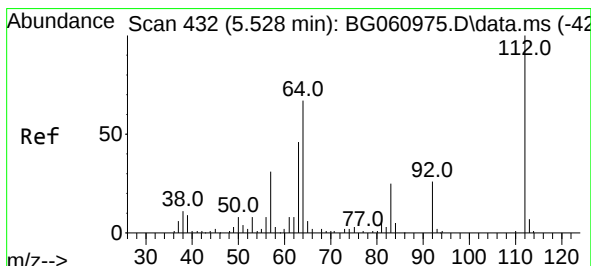
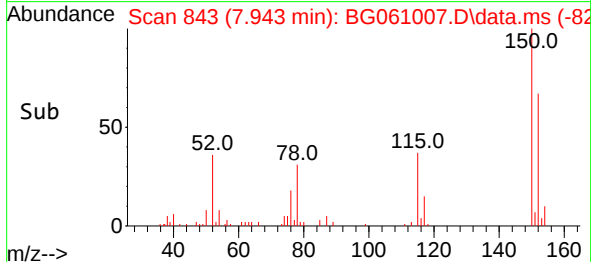
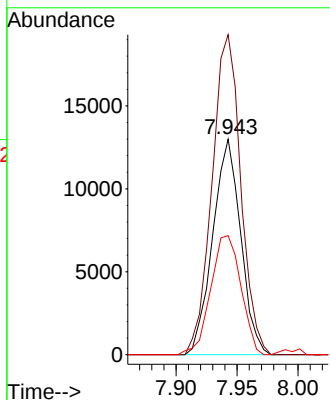
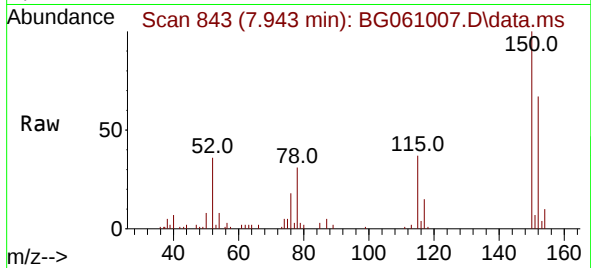




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.943 min Scan# 843
 Delta R.T. -0.000 min
 Lab File: BG061007.D
 Acq: 23 Apr 2024 14:28

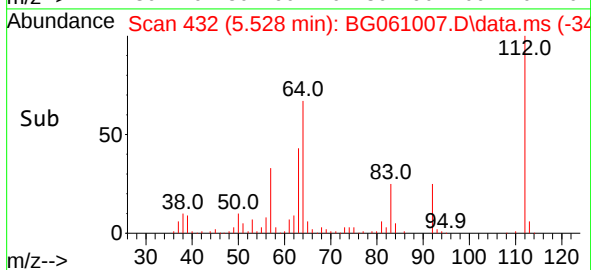
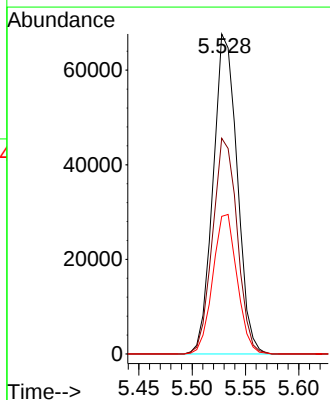
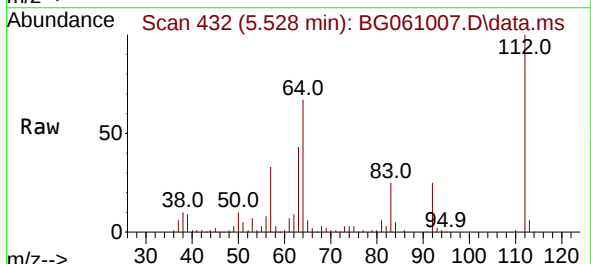
Instrument :
 BNA_G
 ClientSampleId :
 LKWD-BACKFILL-20

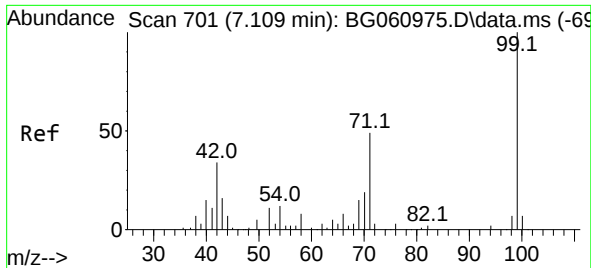
Tgt Ion:152 Resp: 20773
 Ion Ratio Lower Upper
 152 100
 150 148.5 118.6 178.0
 115 55.2 47.4 71.0



#5
 2-Fluorophenol
 Concen: 103.360 ng
 RT: 5.528 min Scan# 432
 Delta R.T. -0.000 min
 Lab File: BG061007.D
 Acq: 23 Apr 2024 14:28

Tgt Ion:112 Resp: 106147
 Ion Ratio Lower Upper
 112 100
 64 67.4 53.7 80.5
 63 43.0 37.0 55.6

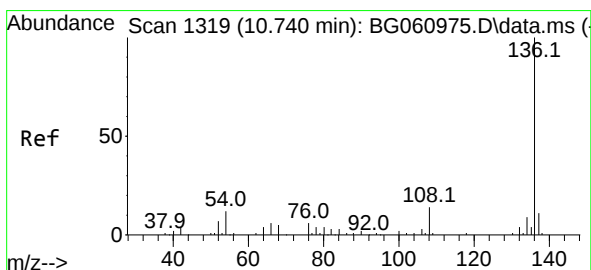
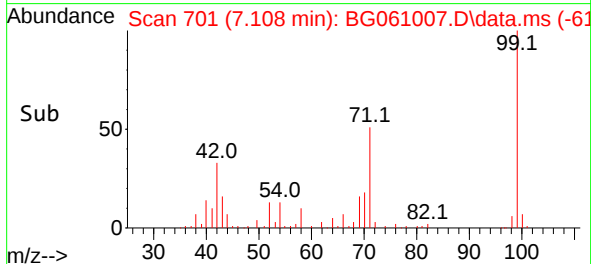
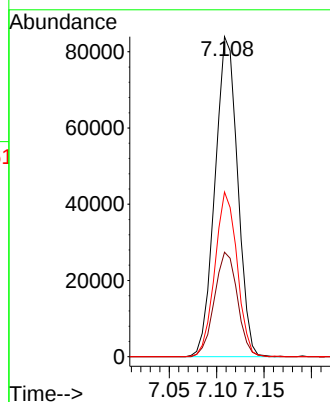
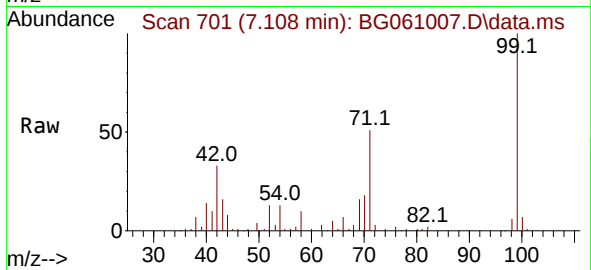




#7
Phenol-d6
Concen: 91.575 ng
RT: 7.108 min Scan# 701
Delta R.T. -0.000 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

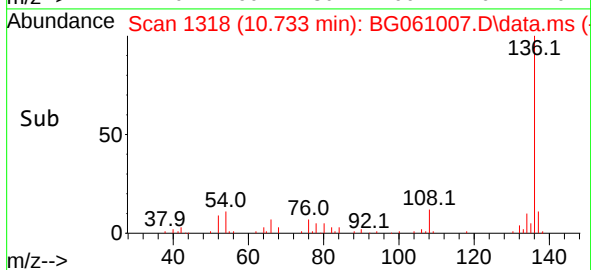
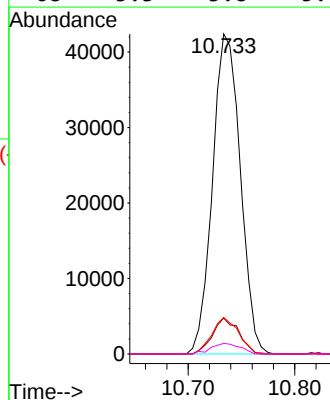
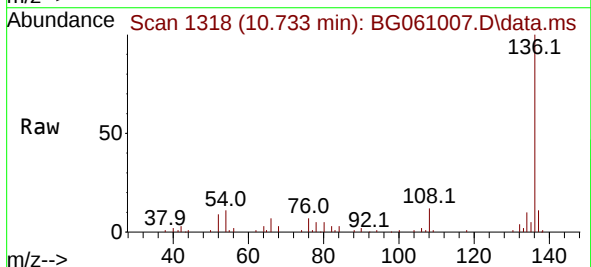
Instrument :
BNA_G
ClientSampleId :
LKWD-BACKFILL-20

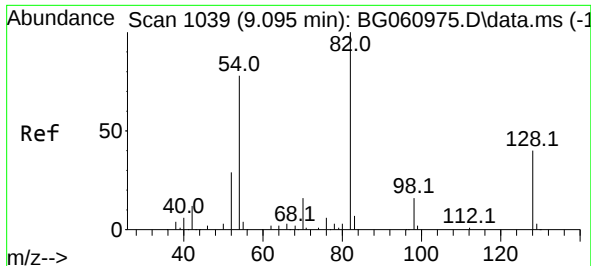
Tgt Ion: 99 Resp: 139537
Ion Ratio Lower Upper
99 100
42 32.7 27.2 40.8
71 51.5 38.8 58.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1318
Delta R.T. -0.007 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

Tgt Ion: 136 Resp: 76703
Ion Ratio Lower Upper
136 100
137 11.2 8.5 12.7
54 11.4 9.4 14.0
68 3.3 3.8 5.6#





#23

Nitrobenzene-d5

Concen: 57.640 ng

RT: 9.094 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BG061007.D

Acq: 23 Apr 2024 14:28

Instrument :

BNA_G

ClientSampleId :

LKWD-BACKFILL-20

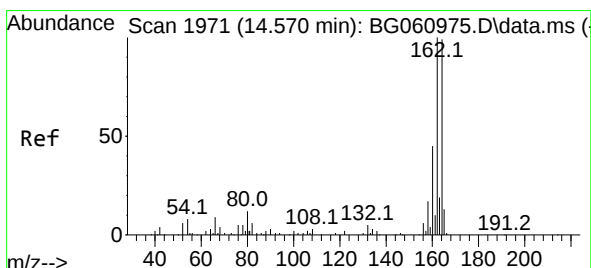
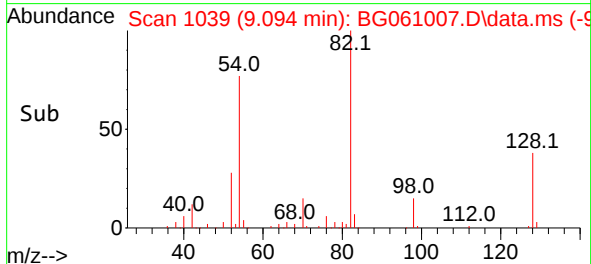
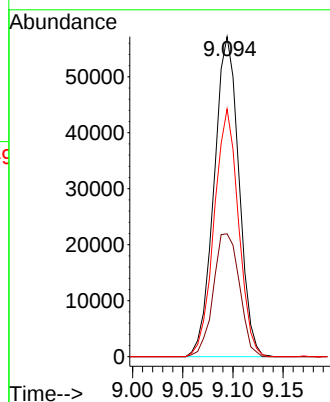
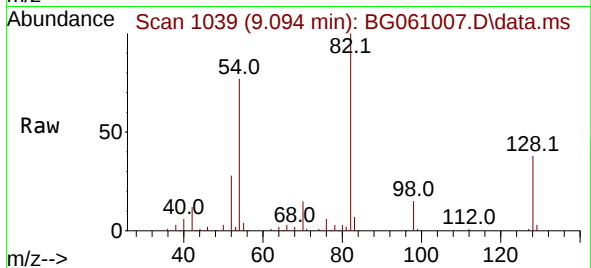
Tgt Ion: 82 Resp: 98404

Ion Ratio Lower Upper

82 100

128 38.4 32.1 48.1

54 77.4 62.3 93.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.570 min Scan# 1971

Delta R.T. -0.000 min

Lab File: BG061007.D

Acq: 23 Apr 2024 14:28

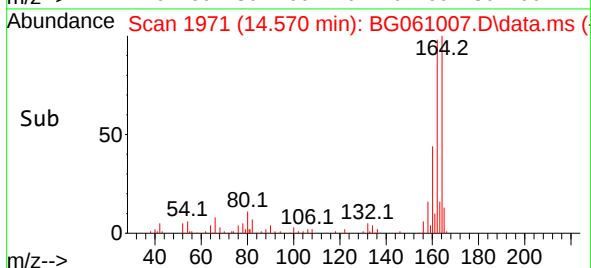
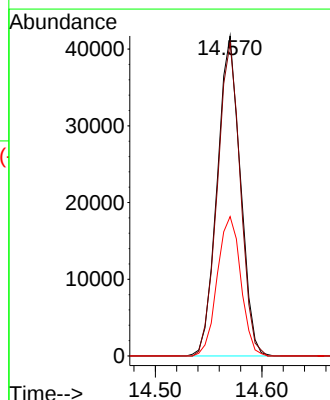
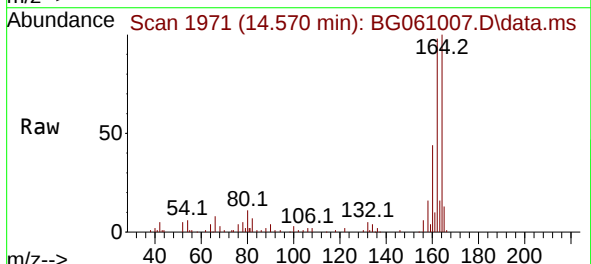
Tgt Ion:164 Resp: 62813

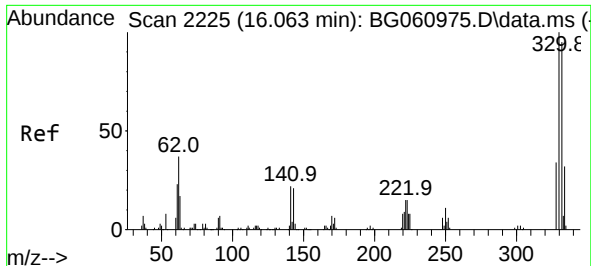
Ion Ratio Lower Upper

164 100

162 97.8 81.2 121.8

160 43.6 36.2 54.2

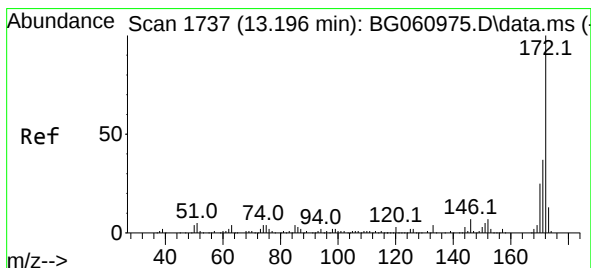
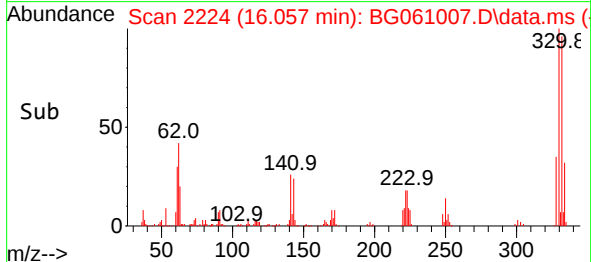
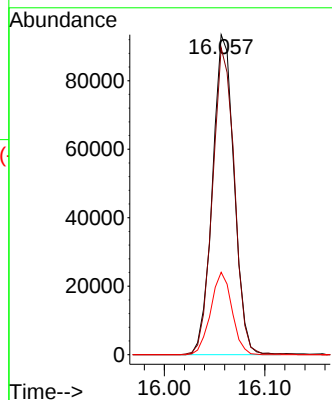
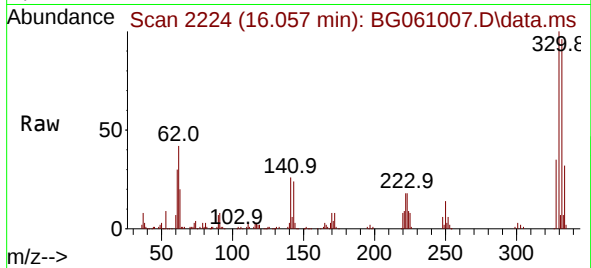




#42
2,4,6-Tribromophenol
Concen: 101.490 ng
RT: 16.057 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

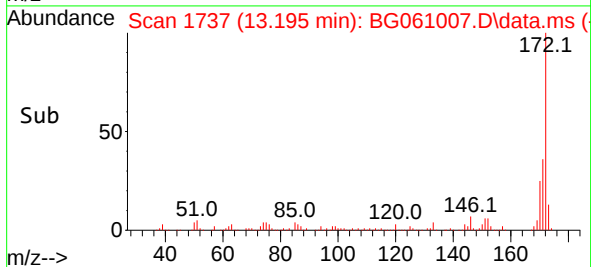
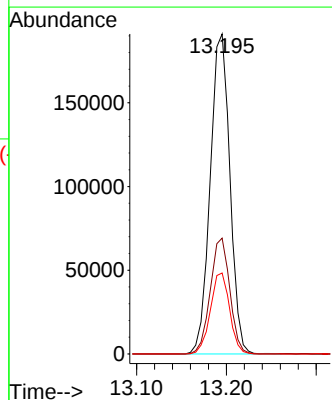
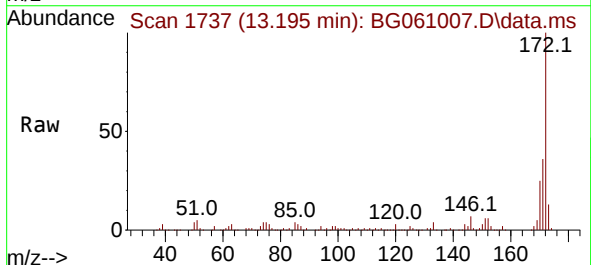
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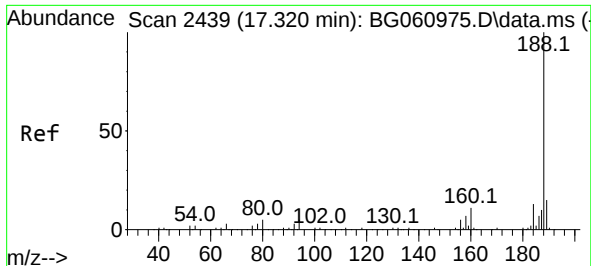
Tgt Ion:330 Resp: 139988
Ion Ratio Lower Upper
330 100
332 96.7 77.1 115.7
141 25.3 20.6 31.0



#45
2-Fluorobiphenyl
Concen: 64.009 ng
RT: 13.195 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

Tgt Ion:172 Resp: 290501
Ion Ratio Lower Upper
172 100
171 36.2 29.3 43.9
170 25.3 20.1 30.1

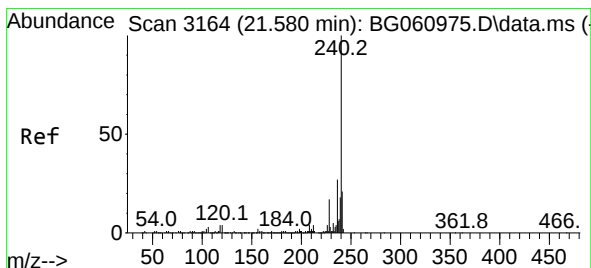
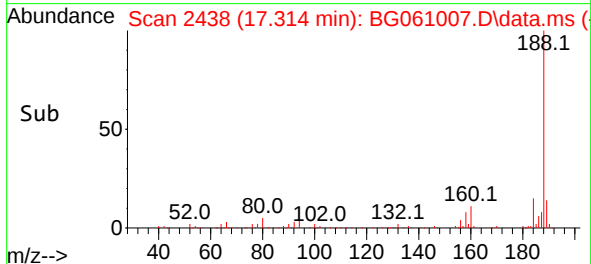
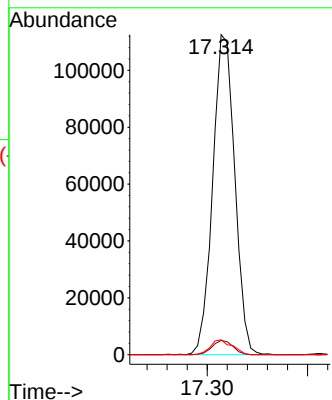
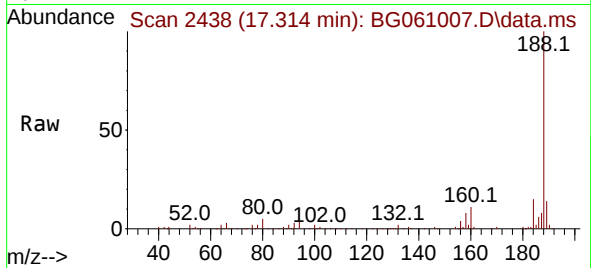




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.314 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

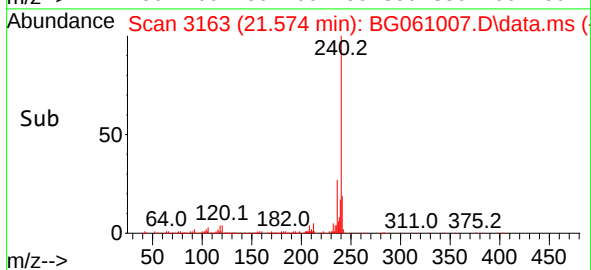
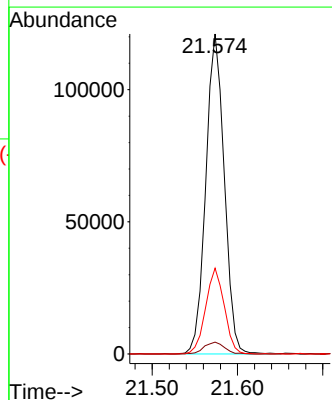
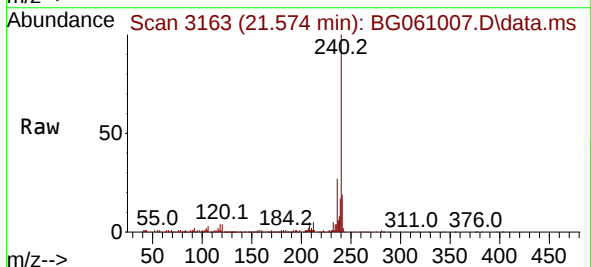
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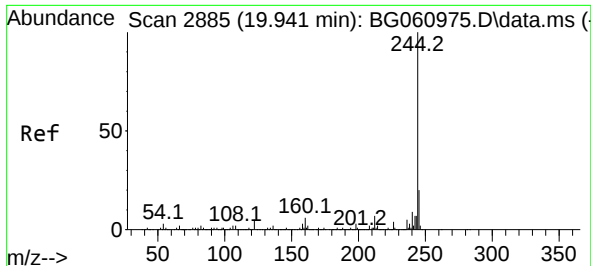
Tgt Ion:188 Resp: 171744
Ion Ratio Lower Upper
188 100
94 4.4 4.1 6.1
80 4.6 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG061007.D
Acq: 23 Apr 2024 14:28

Tgt Ion:240 Resp: 182021
Ion Ratio Lower Upper
240 100
120 3.7 3.0 4.6
236 26.8 21.8 32.6

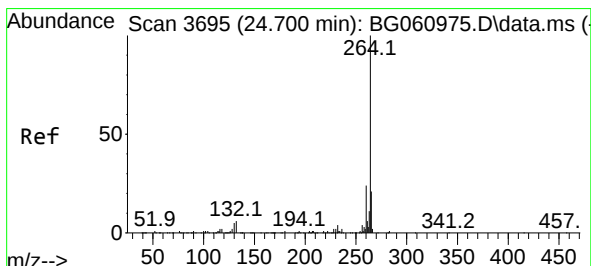
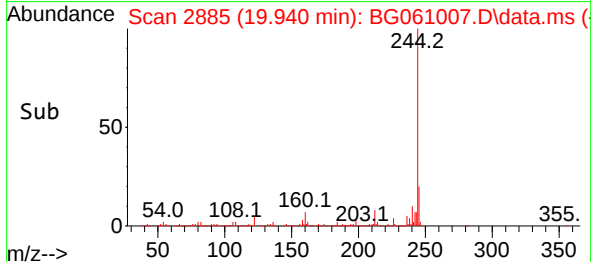
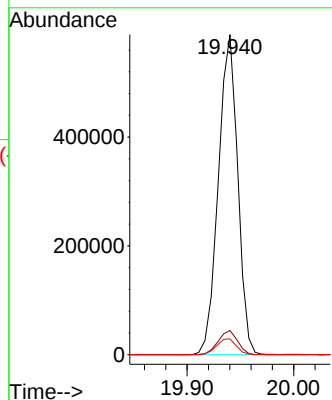
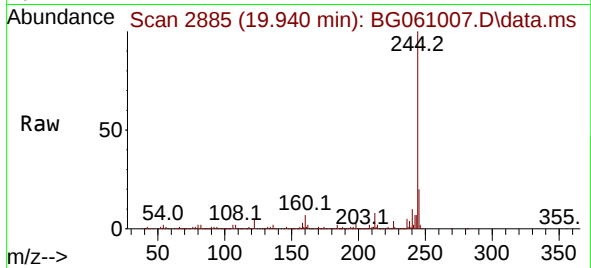




#79
 Terphenyl-d14
 Concen: 63.200 ng
 RT: 19.940 min Scan# 2885
 Delta R.T. -0.000 min
 Lab File: BG061007.D
 Acq: 23 Apr 2024 14:28

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 741112
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.9 8.9
 122 5.0 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.699 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: BG061007.D
 Acq: 23 Apr 2024 14:28

Tgt Ion:264 Resp: 223081
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.5 17.0 25.4

