

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG042924\
 Data File : BG061051.D
 Acq On : 29 Apr 2024 17:39
 Operator : MA/JU
 Sample : P2270-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11936

Quant Time: Apr 29 18:35:07 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	21801	20.000	ng	0.00
21) Naphthalene-d8	10.734	136	82958	20.000	ng	# 0.00
39) Acenaphthene-d10	14.570	164	74214	20.000	ng	0.00
64) Phenanthrene-d10	17.314	188	200051	20.000	ng	0.00
76) Chrysene-d12	21.574	240	206226	20.000	ng	# 0.00
86) Perylene-d12	24.694	264	229710	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	160083	148.529	ng	0.00
7) Phenol-d6	7.114	99	195235	122.087	ng	0.00
23) Nitrobenzene-d5	9.094	82	165026	89.376	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	237544	145.761	ng	0.00
45) 2-Fluorobiphenyl	13.195	172	496063	92.510	ng	0.00
79) Terphenyl-d14	19.940	244	1313323	98.852	ng	0.00

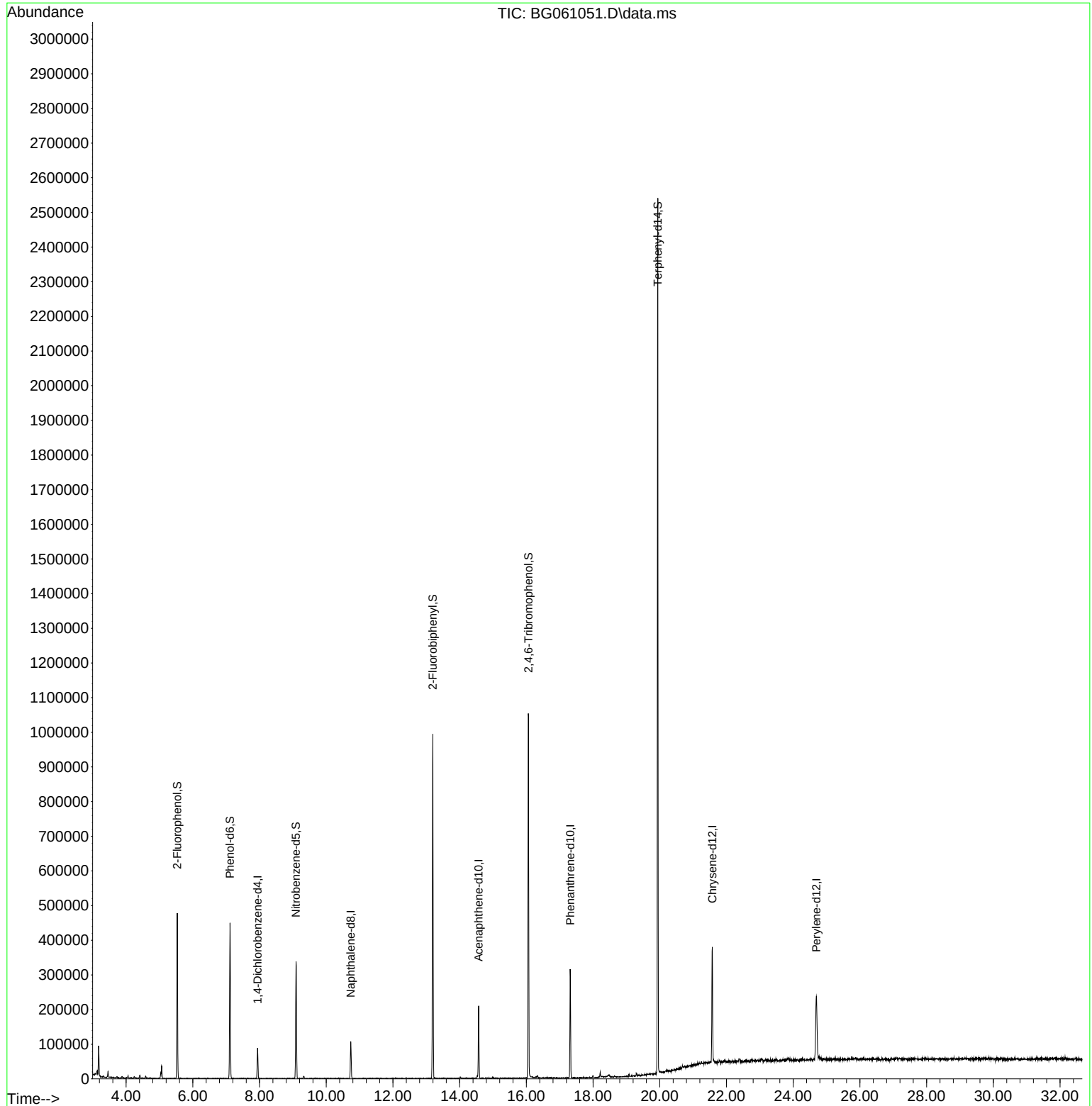
Target Compounds	Qvalue

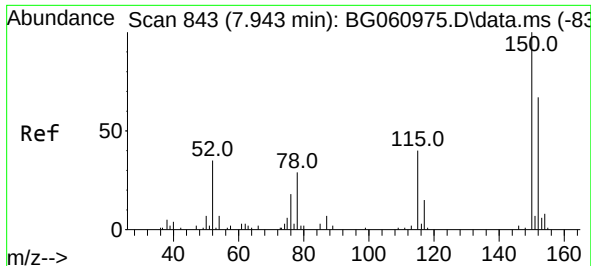
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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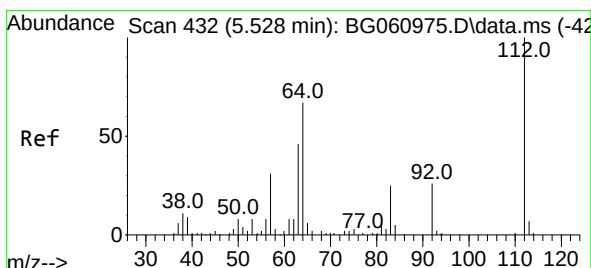
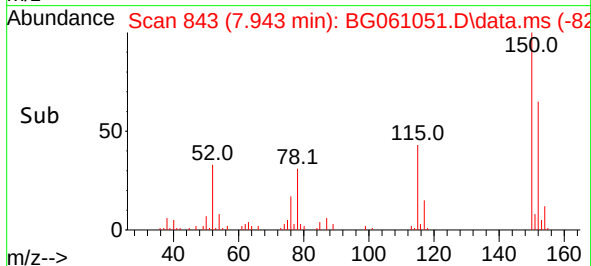
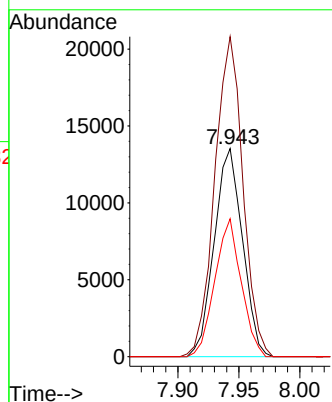
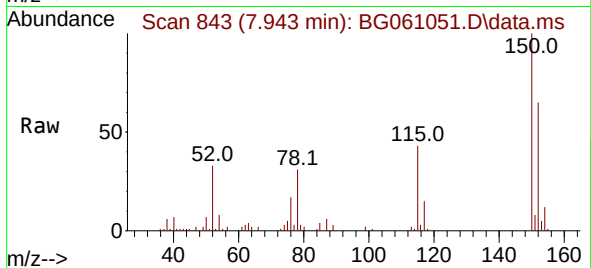




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.943 min Scan# 843
Delta R.T. -0.000 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

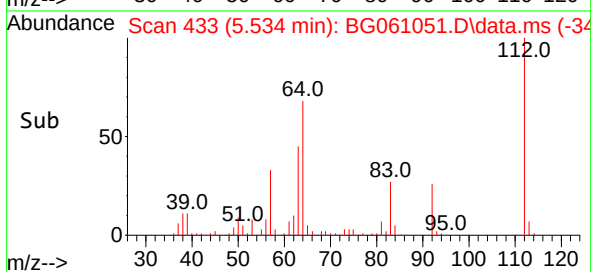
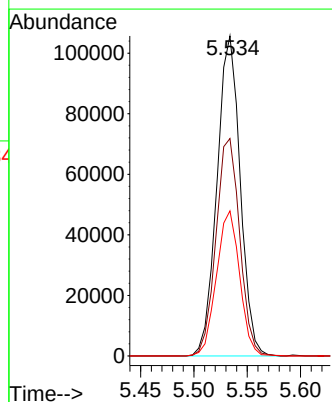
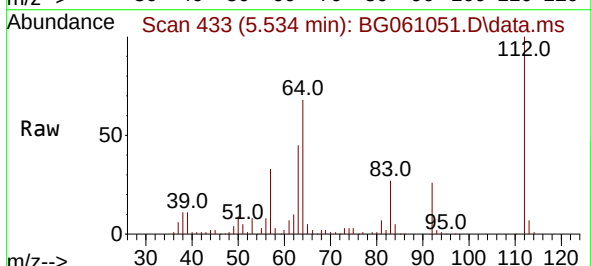
Instrument :
BNA_G
ClientSampleId :
72-11936

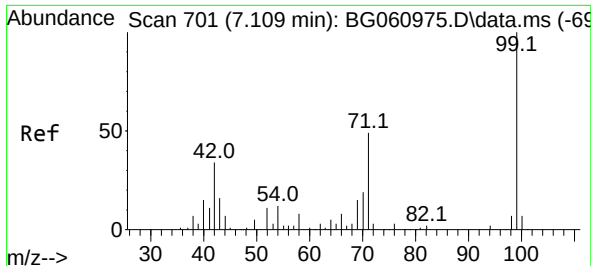
Tgt Ion:152 Resp: 21801
Ion Ratio Lower Upper
152 100
150 153.7 118.6 178.0
115 66.2 47.4 71.0



#5
2-Fluorophenol
Concen: 148.529 ng
RT: 5.534 min Scan# 433
Delta R.T. 0.006 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

Tgt Ion:112 Resp: 160083
Ion Ratio Lower Upper
112 100
64 68.0 53.7 80.5
63 45.3 37.0 55.6

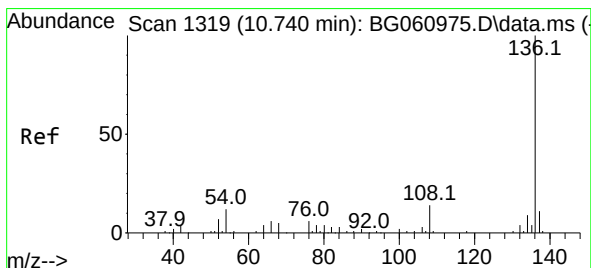
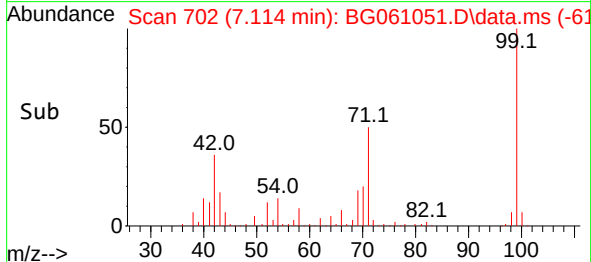
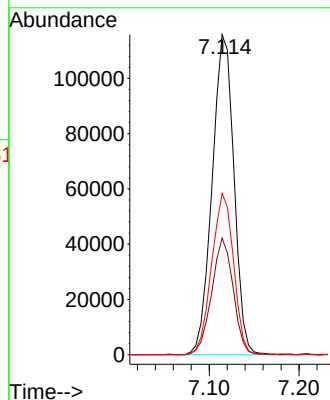
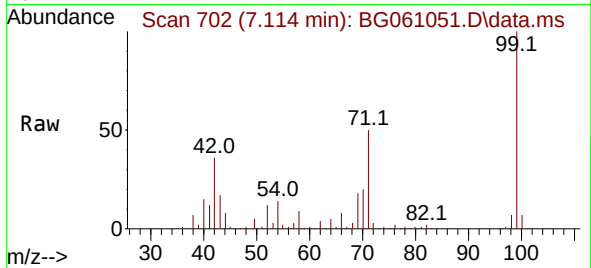




#7
Phenol-d6
Concen: 122.087 ng
RT: 7.114 min Scan# 701
Delta R.T. 0.006 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

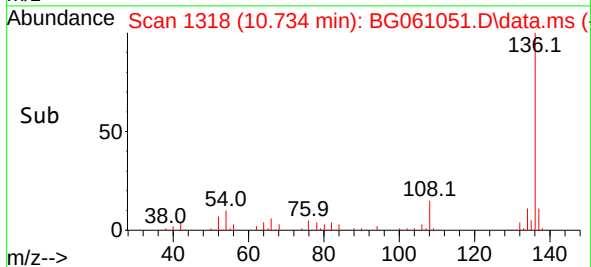
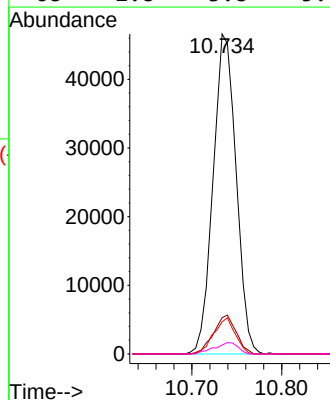
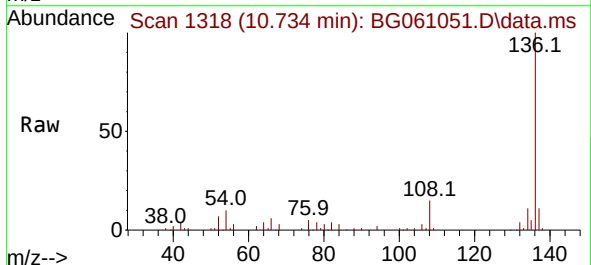
Instrument :
BNA_G
ClientSampleId :
72-11936

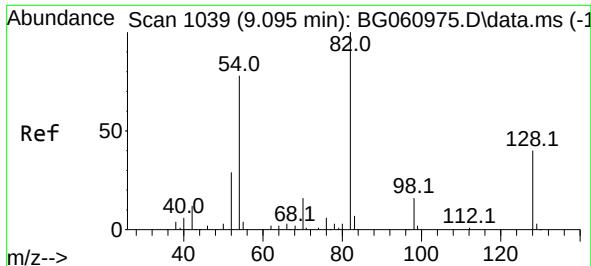
Tgt Ion: 99 Resp: 195235
Ion Ratio Lower Upper
99 100
42 36.4 27.2 40.8
71 50.4 38.8 58.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.734 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

Tgt Ion: 136 Resp: 82958
Ion Ratio Lower Upper
136 100
137 11.3 8.5 12.7
54 10.0 9.4 14.0
68 2.8 3.8 5.6#





#23

Nitrobenzene-d5

Concen: 89.376 ng

RT: 9.094 min Scan# 1039

Delta R.T. -0.000 min

Lab File: BG061051.D

Acq: 29 Apr 2024 17:39

Instrument :

BNA_G

ClientSampleId :

72-11936

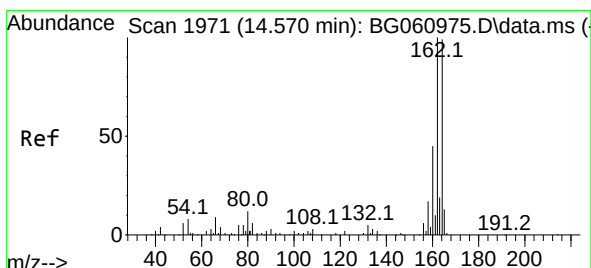
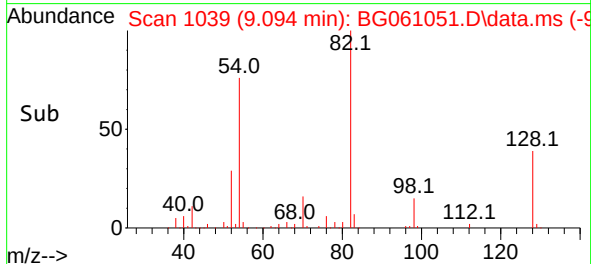
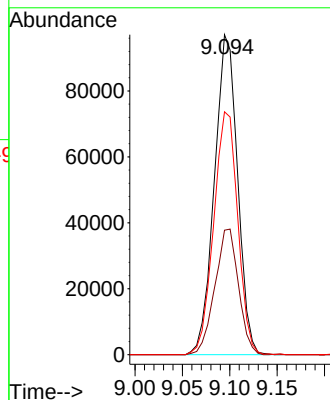
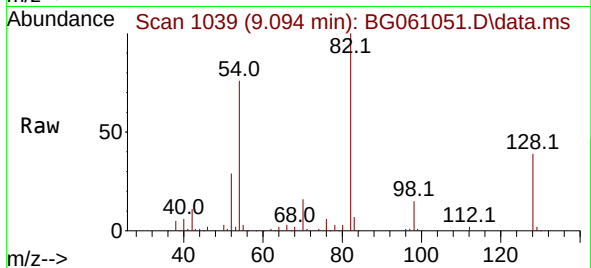
Tgt Ion: 82 Resp: 165026

Ion Ratio Lower Upper

82 100

128 38.9 32.1 48.1

54 75.9 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: BG061051.D

Acq: 29 Apr 2024 17:39

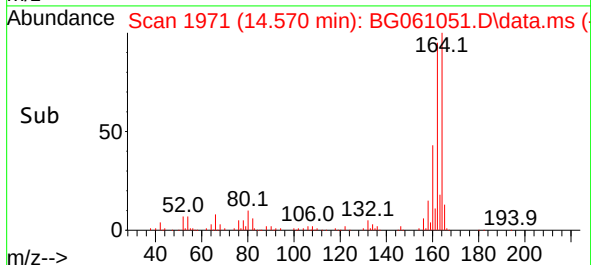
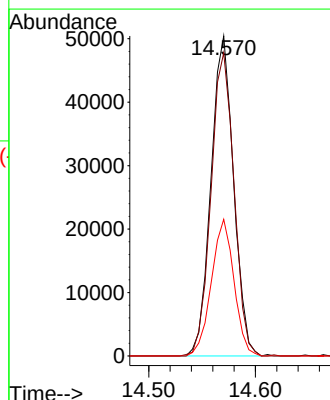
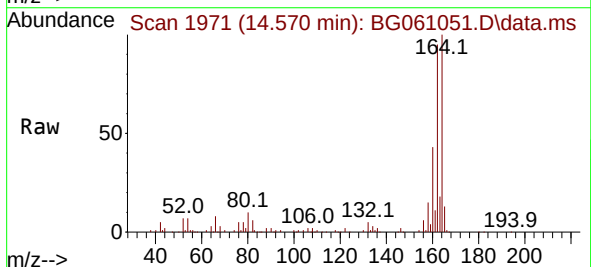
Tgt Ion: 164 Resp: 74214

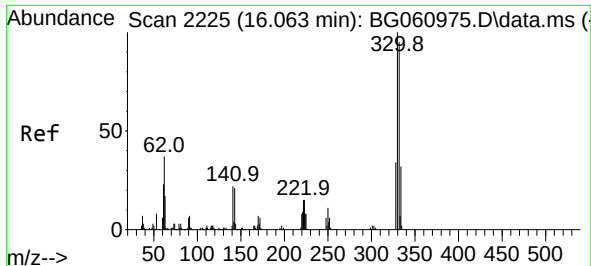
Ion Ratio Lower Upper

164 100

162 94.8 81.2 121.8

160 42.7 36.2 54.2

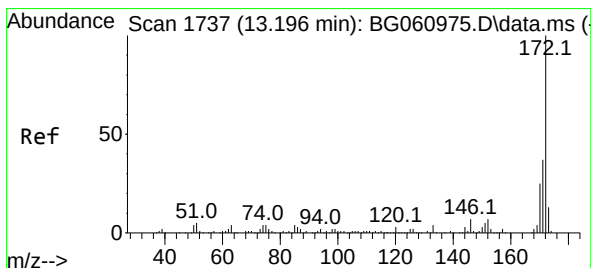
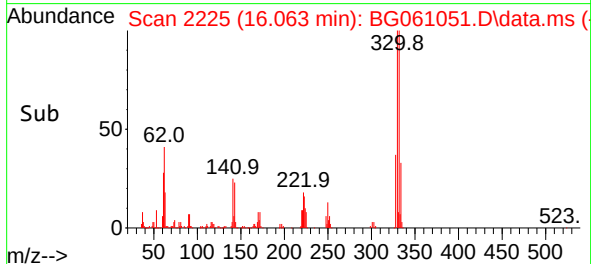
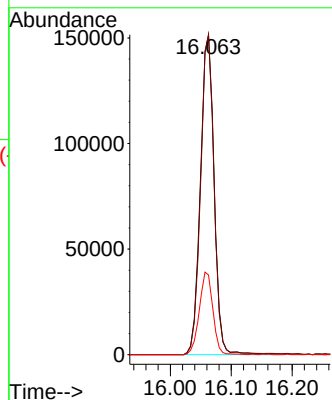
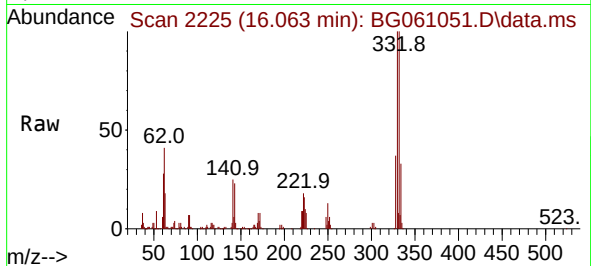




#42
2,4,6-Tribromophenol
Concen: 145.761 ng
RT: 16.063 min Scan# 21
Delta R.T. -0.000 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

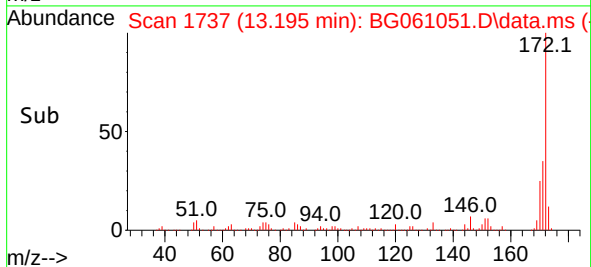
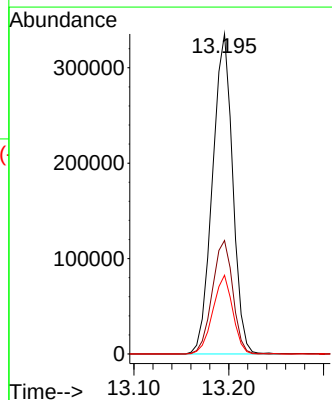
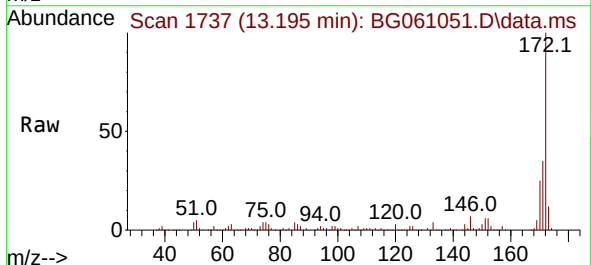
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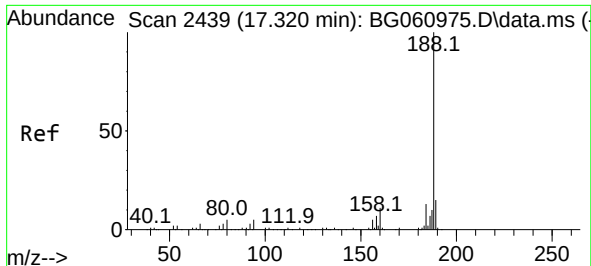
Tgt Ion:330 Resp: 237544
Ion Ratio Lower Upper
330 100
332 97.6 77.1 115.7
141 25.5 20.6 31.0



#45
2-Fluorobiphenyl
Concen: 92.510 ng
RT: 13.195 min Scan# 1737
Delta R.T. -0.000 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

Tgt Ion:172 Resp: 496063
Ion Ratio Lower Upper
172 100
171 35.4 29.3 43.9
170 24.6 20.1 30.1

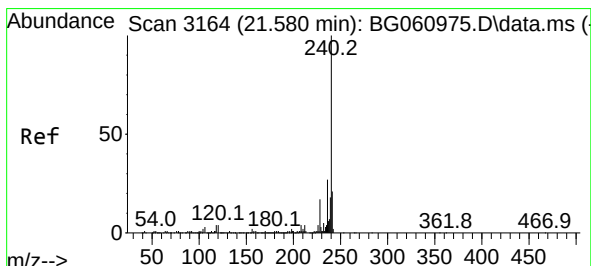
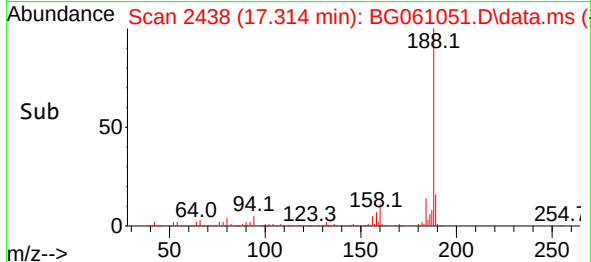
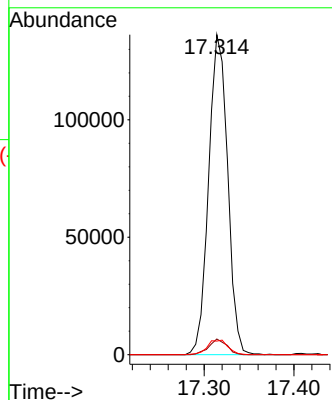
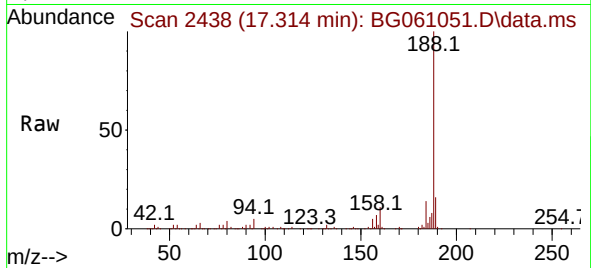




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.314 min Scan# 2438
Delta R.T. -0.006 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

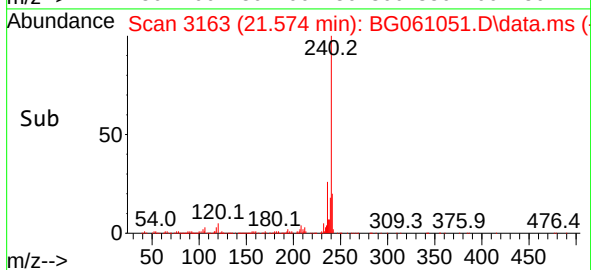
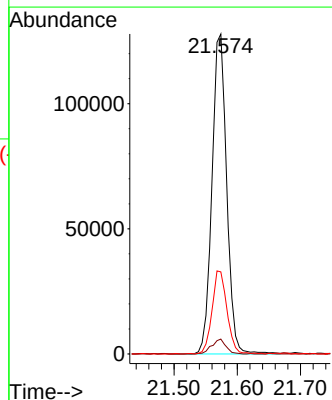
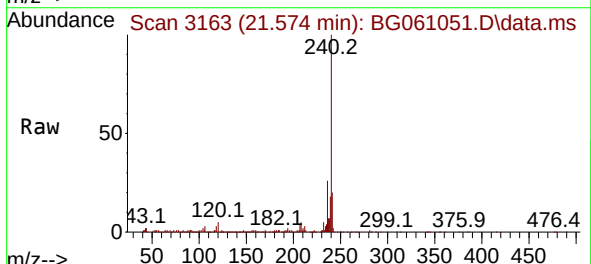
Instrument :
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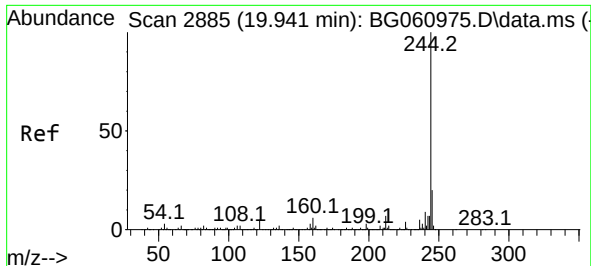
Tgt Ion:188 Resp: 200051
Ion Ratio Lower Upper
188 100
94 4.9 4.1 6.1
80 4.3 4.0 6.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3163
Delta R.T. -0.006 min
Lab File: BG061051.D
Acq: 29 Apr 2024 17:39

Tgt Ion:240 Resp: 206226
Ion Ratio Lower Upper
240 100
120 4.6 3.0 4.6#
236 25.7 21.8 32.6

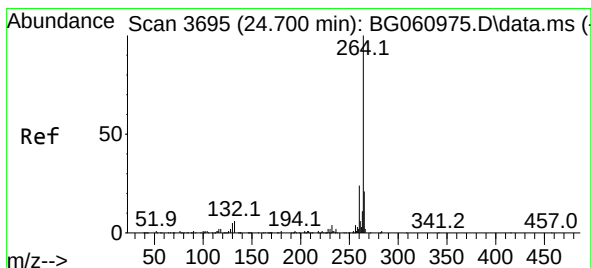
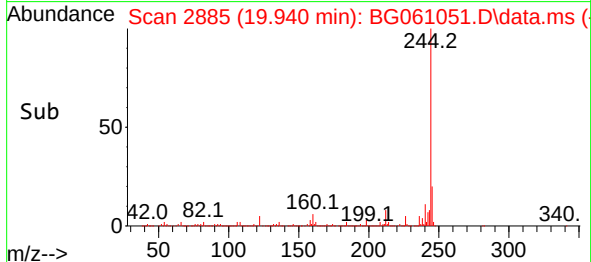
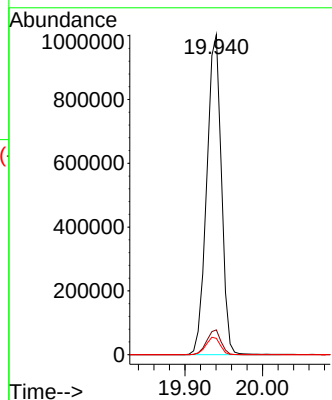
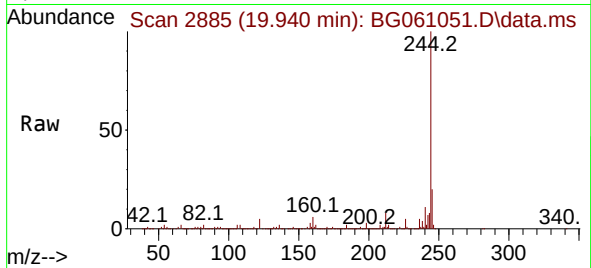




#79
 Terphenyl-d14
 Concen: 98.852 ng
 RT: 19.940 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BG061051.D
 Acq: 29 Apr 2024 17:39

Instrument :
 BNA_G
 ClientSampleId :
 72-11936

Tgt Ion:244 Resp: 1313323
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.9 8.9
 122 5.1 4.2 6.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.694 min Scan# 3694
 Delta R.T. -0.006 min
 Lab File: BG061051.D
 Acq: 29 Apr 2024 17:39

Tgt Ion:264 Resp: 229710
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.4 29.2
 265 21.9 17.0 25.4

