

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041223\
 Data File : BG057074.D
 Acq On : 12 Apr 2023 22:17
 Operator : CG/JU
 Sample : 02283-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20230323-COMP-1

Quant Time: Apr 13 05:27:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 13 05:15:23 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.402	152	15504	20.000	ng	0.00
21) Naphthalene-d8	11.245	136	59870	20.000	ng	# 0.00
39) Acenaphthene-d10	15.016	164	41448	20.000	ng	0.00
64) Phenanthrene-d10	17.754	188	100569	20.000	ng	# 0.00
76) Chrysene-d12	22.072	240	92406	20.000	ng	# 0.00
86) Perylene-d12	25.602	264	101477	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	159958	165.121	ng	0.00
7) Phenol-d6	7.538	99	217972	150.444	ng	0.00
23) Nitrobenzene-d5	9.583	82	138454	94.625	ng	0.00
42) 2,4,6-Tribromophenol	16.497	330	106239	160.447	ng	0.00
45) 2-Fluorobiphenyl	13.642	172	295781	96.768	ng	0.00
79) Terphenyl-d14	20.327	244	545917	99.970	ng	0.00

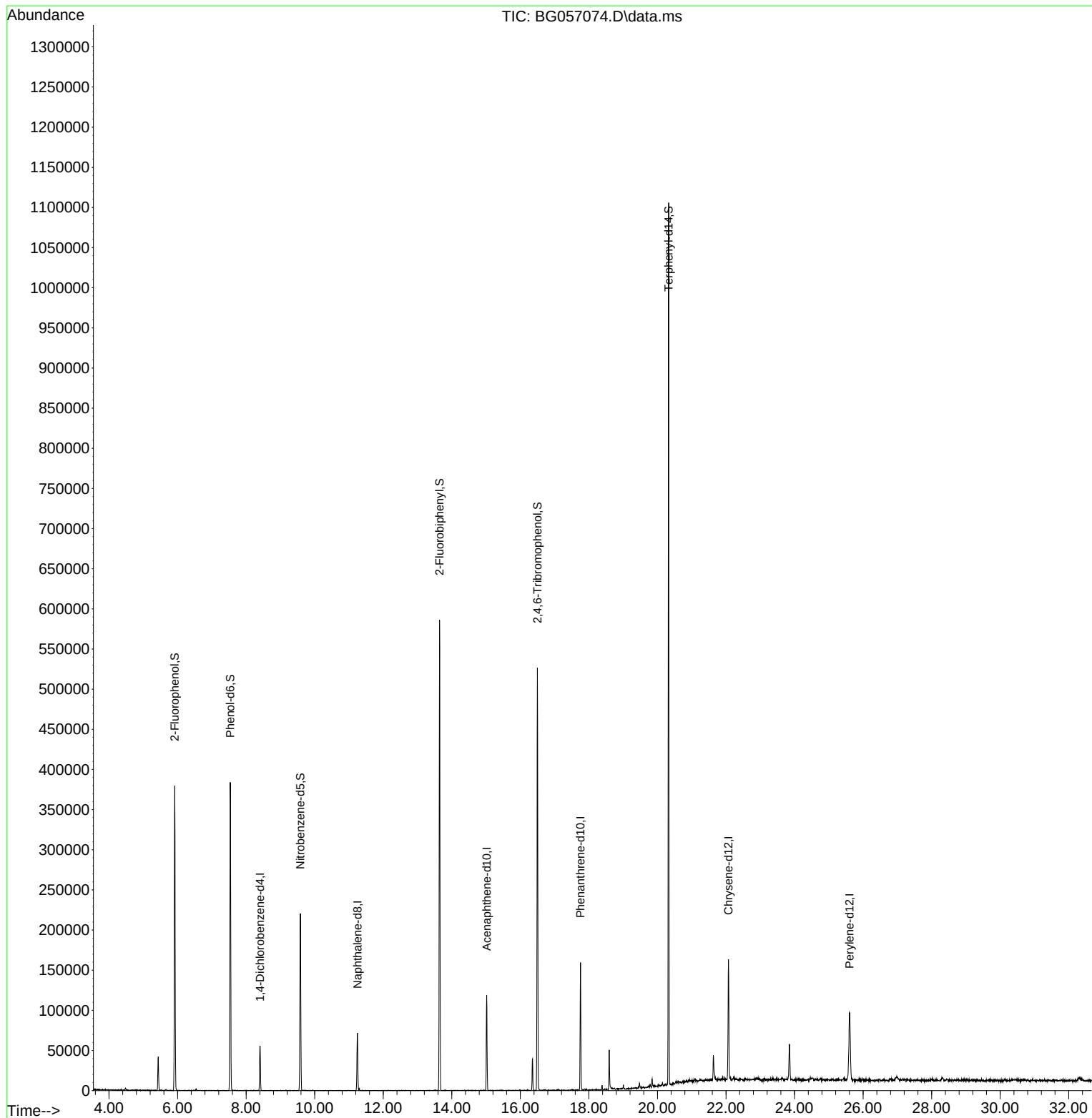
Target Compounds	Qvalue

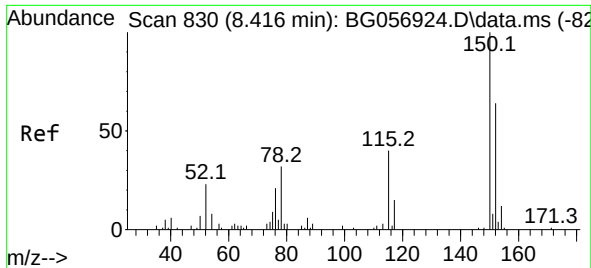
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Apr 13 05:15:23 2023
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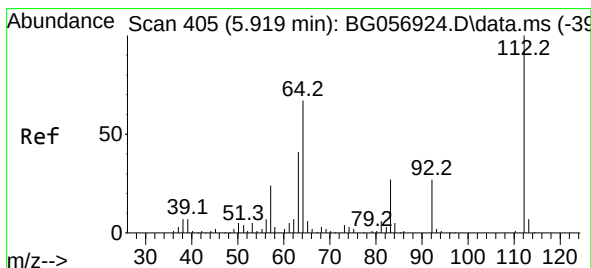
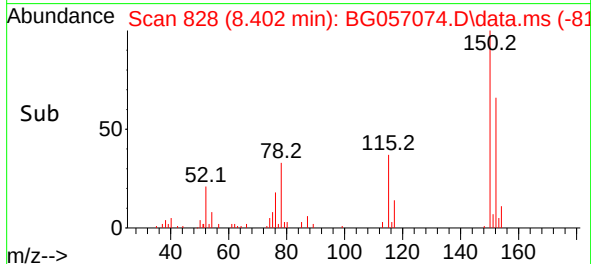
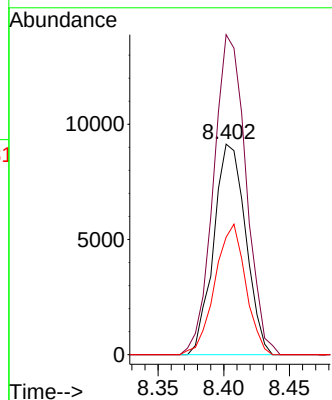
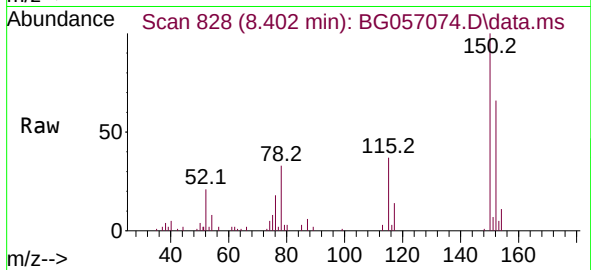




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.402 min Scan# 81
Delta R.T. -0.009 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

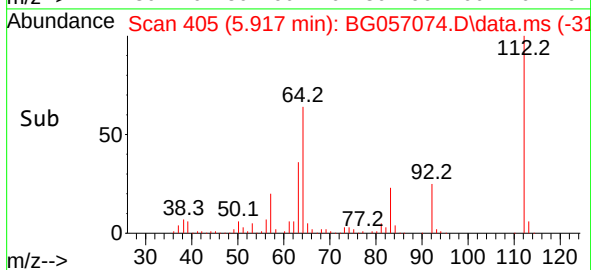
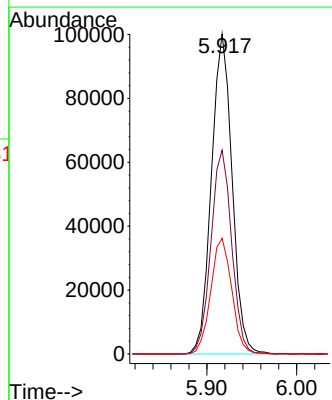
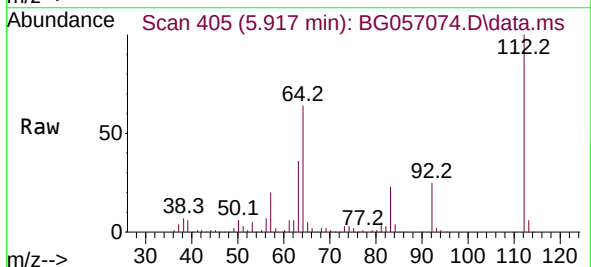
Instrument :
BNA_G
ClientSampleId :
20230323-COMP-1

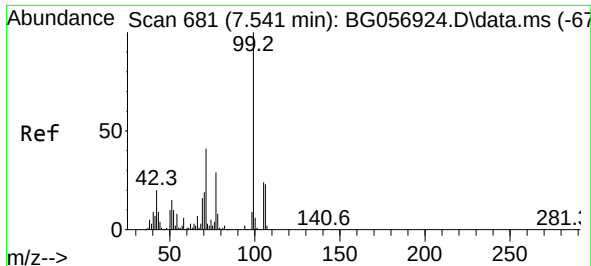
Tgt Ion:152 Resp: 15504
Ion Ratio Lower Upper
152 100
150 152.0 124.1 186.1
115 55.8 49.1 73.7



#5
2-Fluorophenol
Concen: 165.121 ng
RT: 5.917 min Scan# 405
Delta R.T. 0.002 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

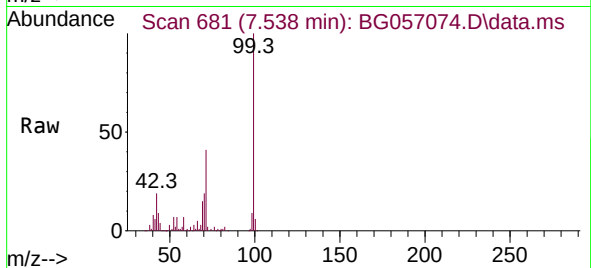
Tgt Ion:112 Resp: 159958
Ion Ratio Lower Upper
112 100
64 63.7 53.2 79.8
63 36.1 32.6 48.8



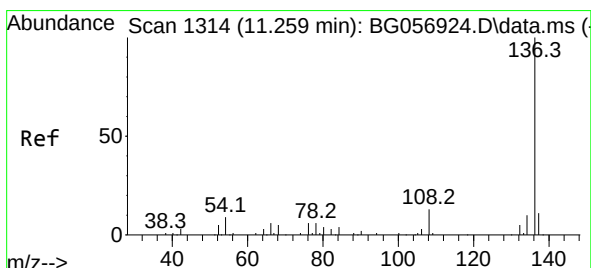
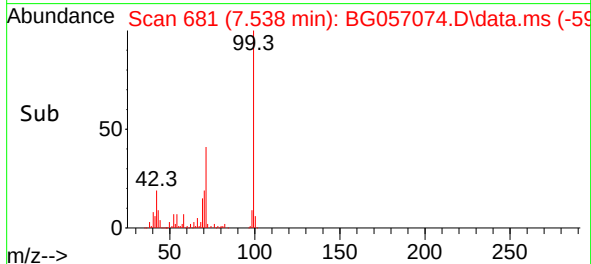
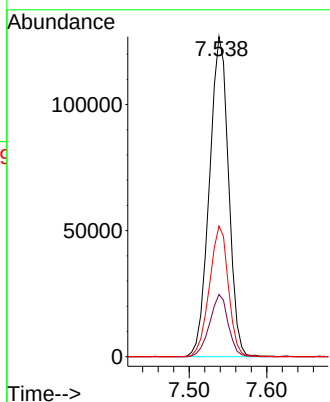


#7
Phenol-d6
Concen: 150.444 ng
RT: 7.538 min Scan# 61
Delta R.T. 0.002 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

Instrument :
BNA_G
ClientSampleId :
20230323-COMP-1

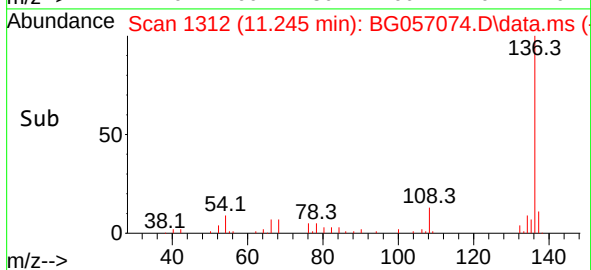
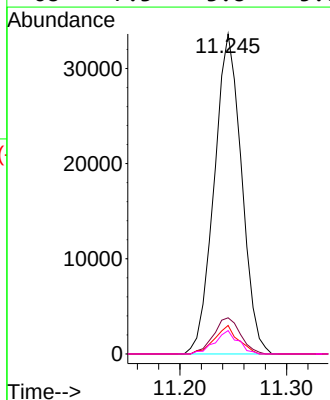
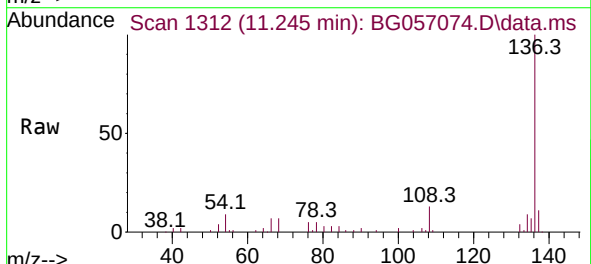


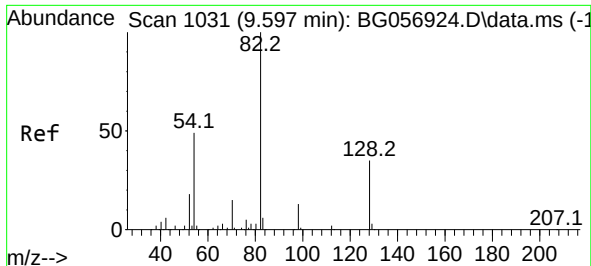
Tgt Ion: 99 Resp: 217972
Ion Ratio Lower Upper
99 100
42 19.4 15.7 23.5
71 40.8 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.245 min Scan# 1312
Delta R.T. -0.004 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

Tgt Ion: 136 Resp: 59870
Ion Ratio Lower Upper
136 100
137 11.3 8.6 13.0
54 8.9 6.9 10.3
68 7.3 3.8 5.6#

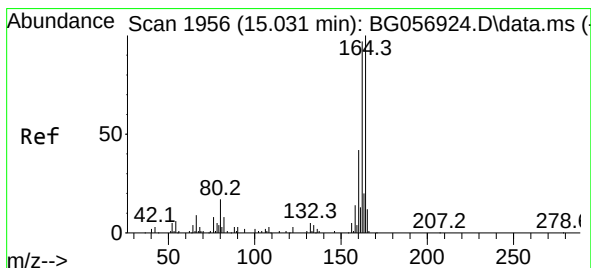
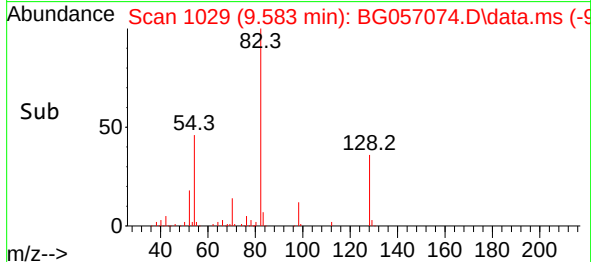
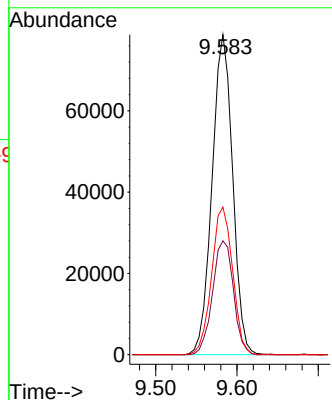
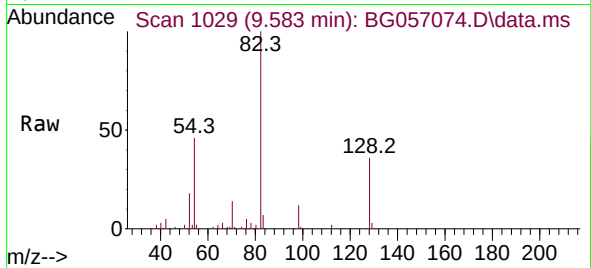




#23
Nitrobenzene-d5
Concen: 94.625 ng
RT: 9.583 min Scan# 1029
Delta R.T. -0.004 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

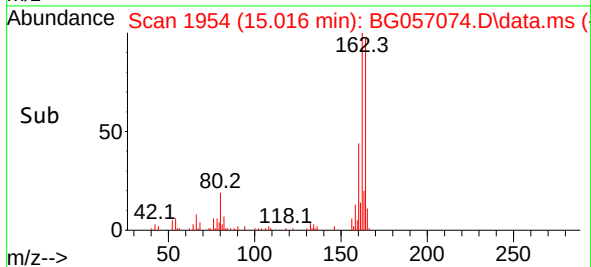
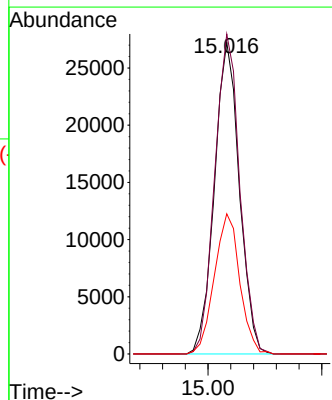
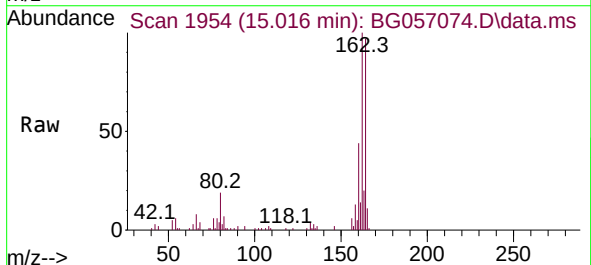
Instrument :
BNA_G
ClientSampleId :
20230323-COMP-1

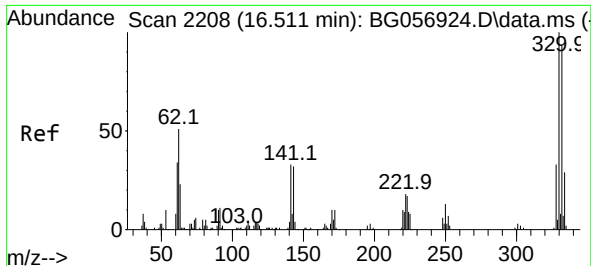
Tgt Ion: 82 Resp: 138454
Ion Ratio Lower Upper
82 100
128 35.6 27.9 41.9
54 46.1 39.4 59.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.016 min Scan# 1954
Delta R.T. -0.004 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

Tgt Ion: 164 Resp: 41448
Ion Ratio Lower Upper
164 100
162 102.6 77.8 116.8
160 45.0 33.5 50.3

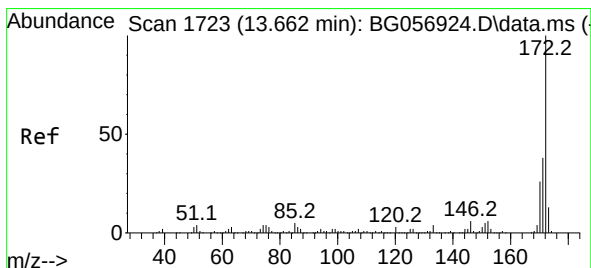
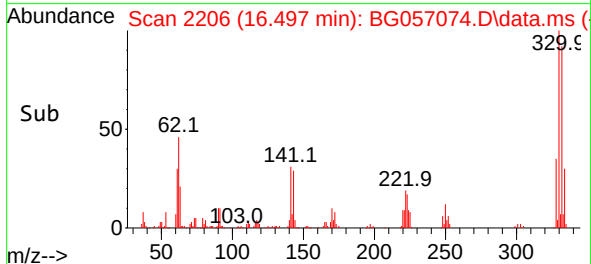
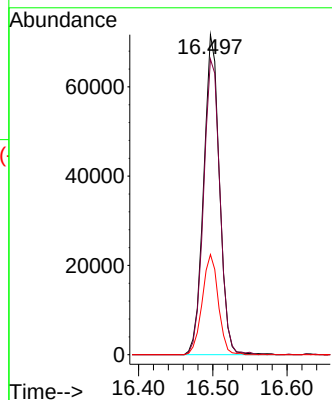
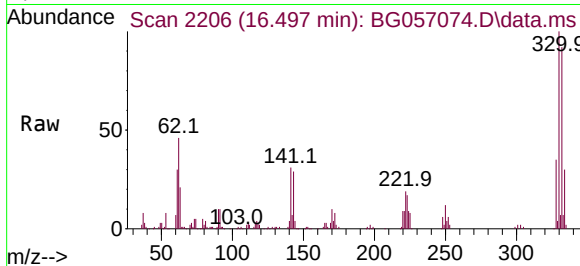




#42
2,4,6-Tribromophenol
Concen: 160.447 ng
RT: 16.497 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

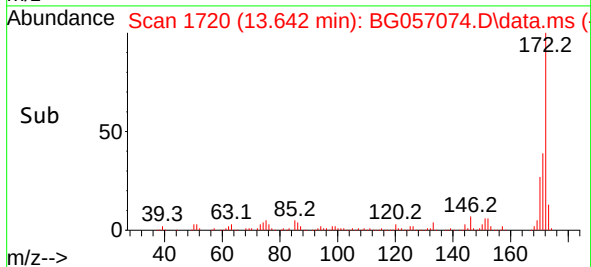
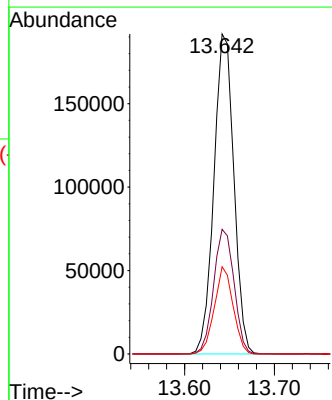
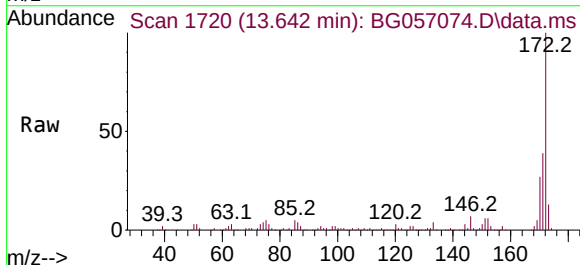
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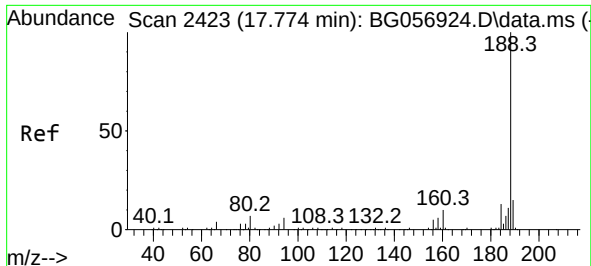
Tgt Ion:330 Resp: 106239
Ion Ratio Lower Upper
330 100
332 95.4 76.1 114.1
141 31.6 25.8 38.6



#45
2-Fluorobiphenyl
Concen: 96.768 ng
RT: 13.642 min Scan# 1720
Delta R.T. -0.004 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

Tgt Ion:172 Resp: 295781
Ion Ratio Lower Upper
172 100
171 38.9 30.6 46.0
170 27.2 20.6 30.8

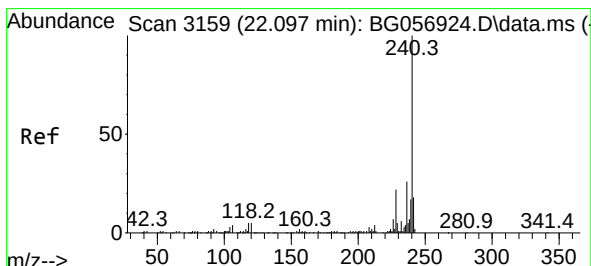
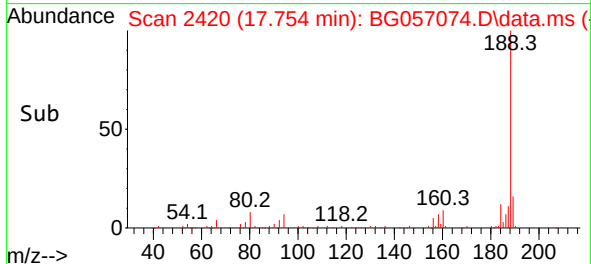
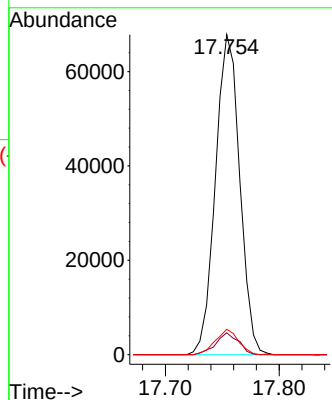
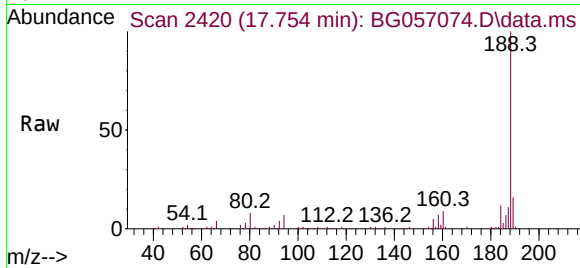




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.754 min Scan# 2423
Delta R.T. -0.009 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

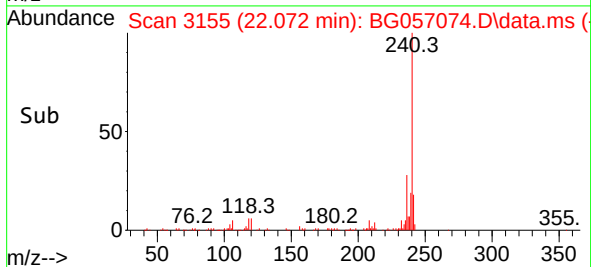
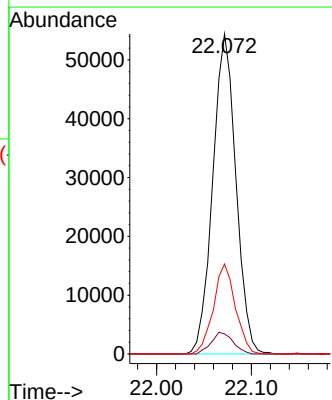
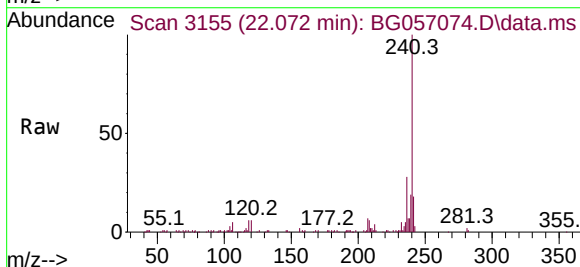
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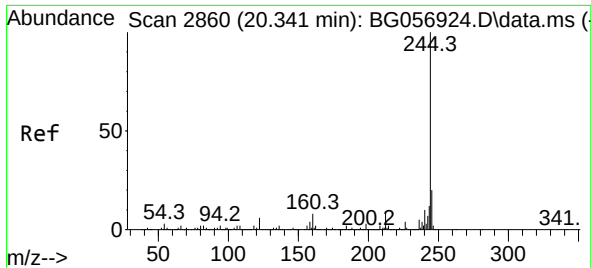
Tgt Ion:188 Resp: 100569
Ion Ratio Lower Upper
188 100
94 6.9 4.6 6.8#
80 7.9 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.072 min Scan# 3155
Delta R.T. -0.009 min
Lab File: BG057074.D
Acq: 12 Apr 2023 22:17

Tgt Ion:240 Resp: 92406
Ion Ratio Lower Upper
240 100
120 6.3 3.8 5.6#
236 28.1 21.0 31.6

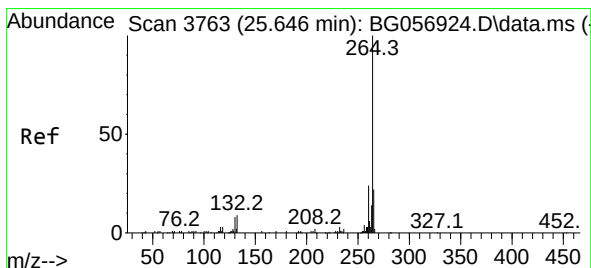
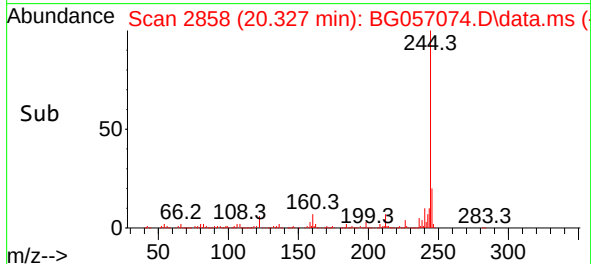
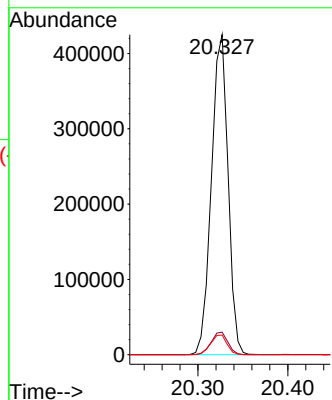
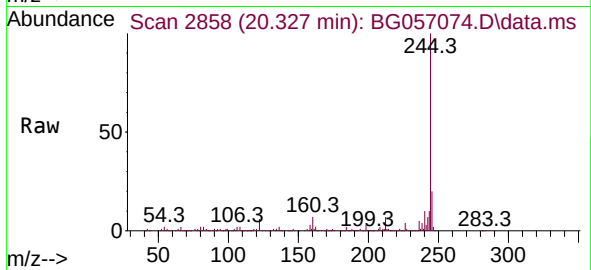




#79
 Terphenyl-d14
 Concen: 99.970 ng
 RT: 20.327 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: BG057074.D
 Acq: 12 Apr 2023 22:17

Instrument :
 BNA_G
 ClientSampleId :
 20230323-COMP-1

Tgt Ion:244 Resp: 545917
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 6.2 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.602 min Scan# 3756
 Delta R.T. -0.009 min
 Lab File: BG057074.D
 Acq: 12 Apr 2023 22:17

Tgt Ion:264 Resp: 101477
 Ion Ratio Lower Upper
 264 100
 260 22.3 19.0 28.4
 265 22.4 17.8 26.6

