

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041323\
 Data File : BG057091.D
 Acq On : 13 Apr 2023 21:28
 Operator : CG/JU
 Sample : 02262-12
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JPP-3A-040723

Quant Time: Apr 14 01:24:16 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	8.403	152	12191	20.000	ng	0.00
21) Naphthalene-d8	11.240	136	50335	20.000	ng	# 0.00
39) Acenaphthene-d10	15.011	164	36265	20.000	ng	0.00
64) Phenanthrene-d10	17.749	188	91859	20.000	ng	#-0.01
76) Chrysene-d12	22.066	240	89832	20.000	ng	#-0.01
86) Perylene-d12	25.597	264	96880	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.912	112	100436	131.853	ng	0.00
7) Phenol-d6	7.533	99	131359	115.303	ng	0.00
23) Nitrobenzene-d5	9.577	82	98316	79.922	ng	0.00
42) 2,4,6-Tribromophenol	16.492	330	82965	143.205	ng	0.00
45) 2-Fluorobiphenyl	13.637	172	222280	83.114	ng	0.00
79) Terphenyl-d14	20.322	244	474053	89.297	ng	0.00

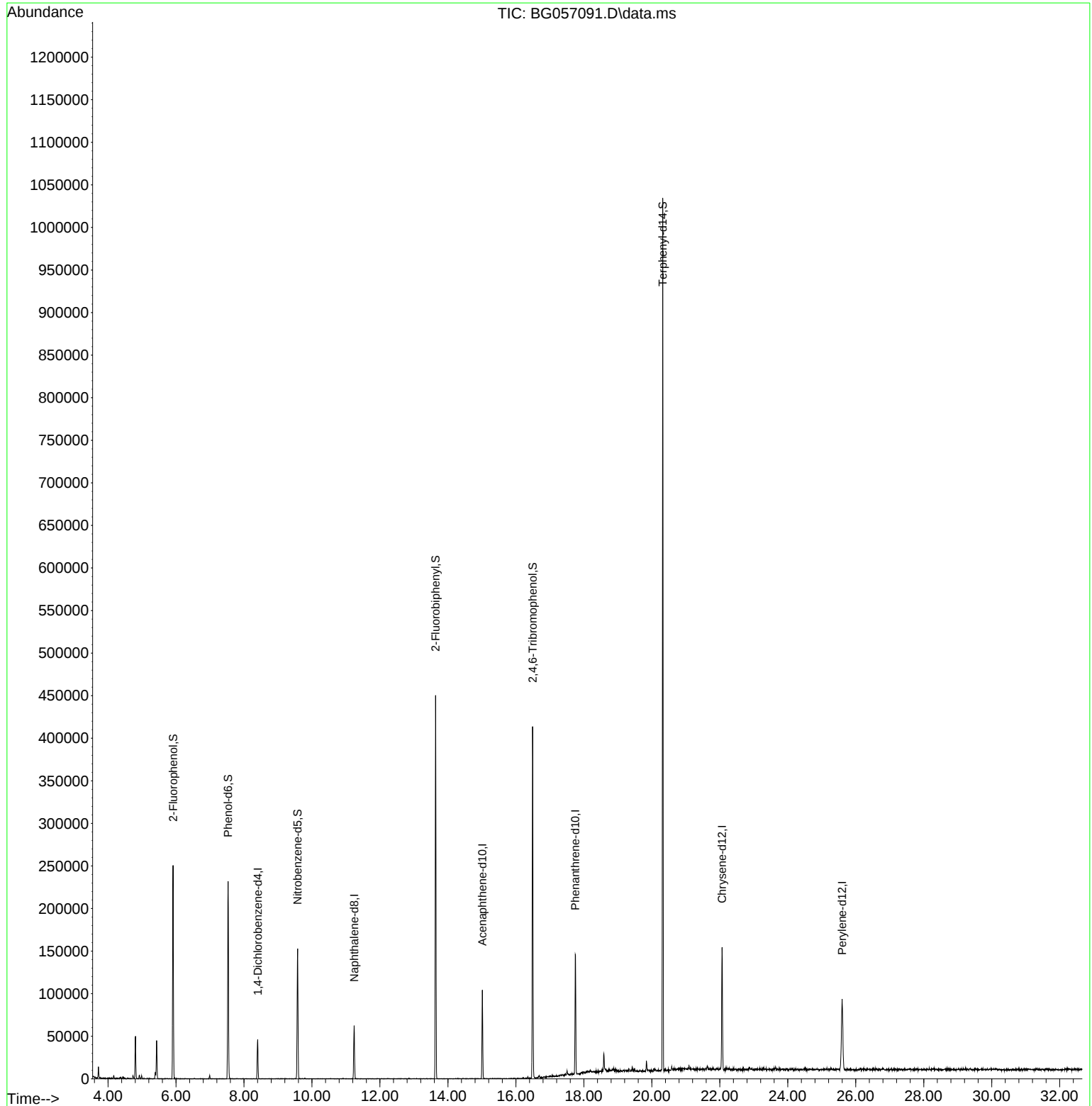
Target Compounds	Qvalue

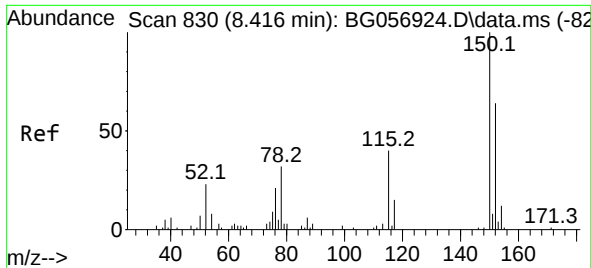
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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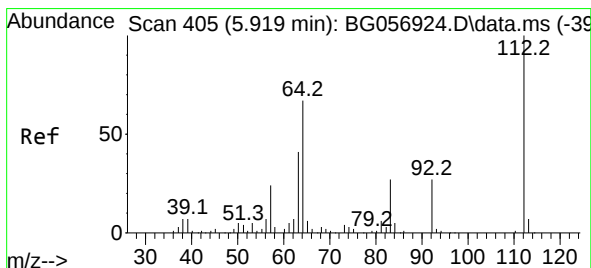
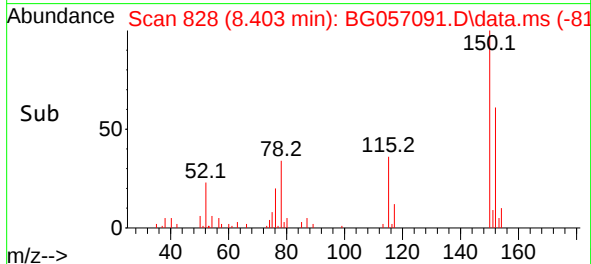
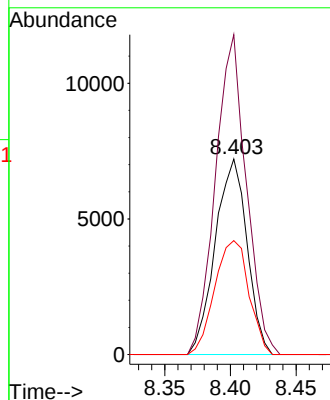
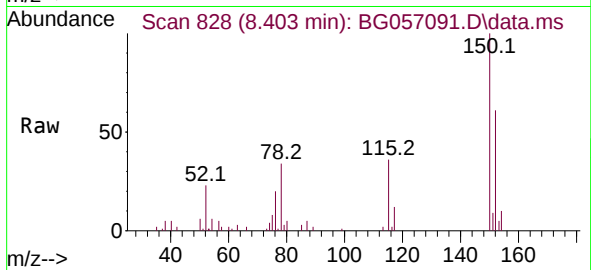




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.403 min Scan# 81
Delta R.T. -0.008 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

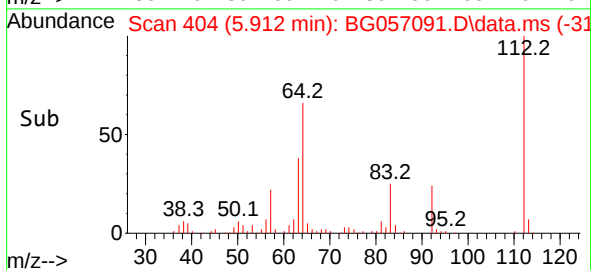
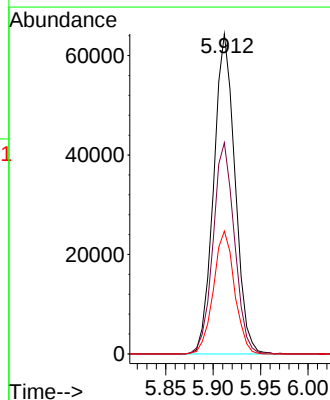
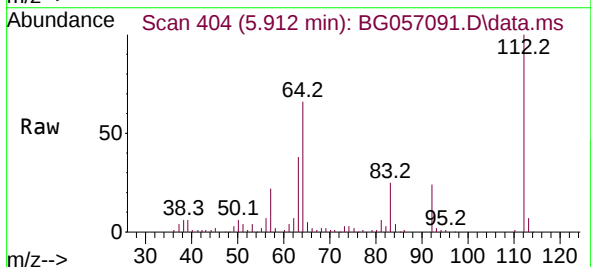
Instrument :
BNA_G
ClientSampleId :
JPP-3A-040723

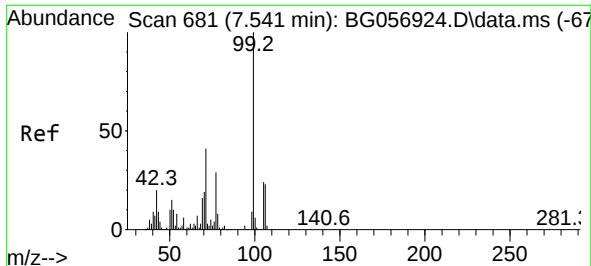
Tgt Ion:152 Resp: 12191
Ion Ratio Lower Upper
152 100
150 163.6 124.1 186.1
115 58.3 49.1 73.7



#5
2-Fluorophenol
Concen: 131.853 ng
RT: 5.912 min Scan# 404
Delta R.T. -0.003 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

Tgt Ion:112 Resp: 100436
Ion Ratio Lower Upper
112 100
64 66.0 53.2 79.8
63 38.4 32.6 48.8

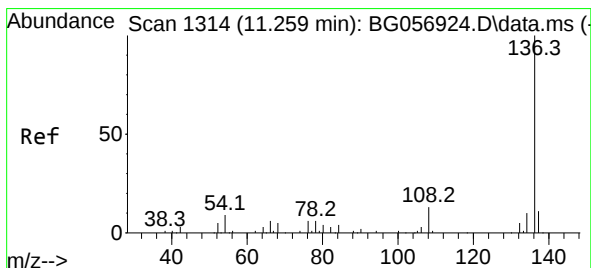
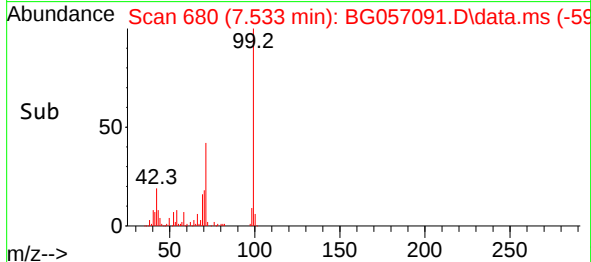
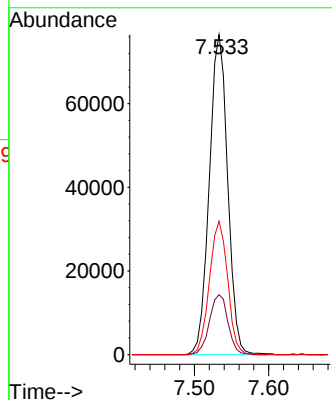
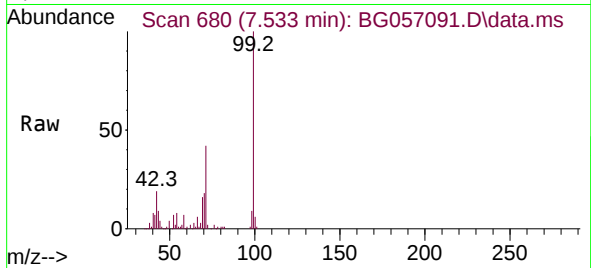




#7
Phenol-d6
Concen: 115.303 ng
RT: 7.533 min Scan# 681
Delta R.T. -0.003 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

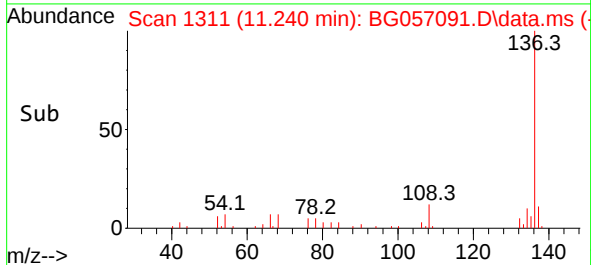
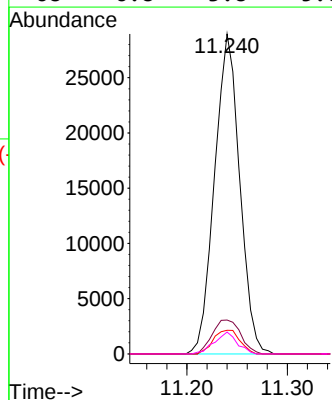
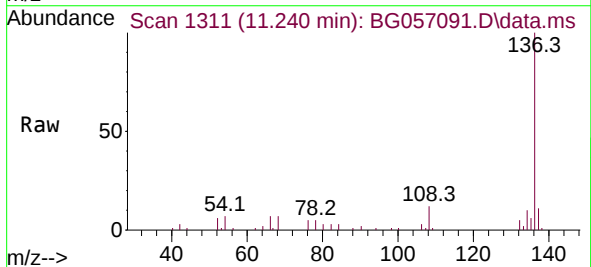
Instrument :
BNA_G
ClientSampleId :
JPP-3A-040723

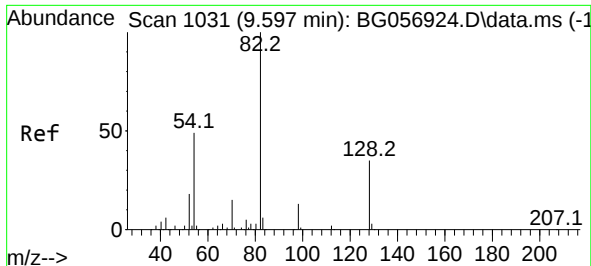
Tgt Ion: 99 Resp: 131359
Ion Ratio Lower Upper
99 100
42 18.7 15.7 23.5
71 41.7 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.240 min Scan# 1311
Delta R.T. -0.009 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

Tgt Ion: 136 Resp: 50335
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 7.4 6.9 10.3
68 6.8 3.8 5.6#





#23

Nitrobenzene-d5

Concen: 79.922 ng

RT: 9.577 min Scan# 1031

Delta R.T. -0.009 min

Lab File: BG057091.D

Acq: 13 Apr 2023 21:28

Instrument :

BNA_G

ClientSampleId :

JPP-3A-040723

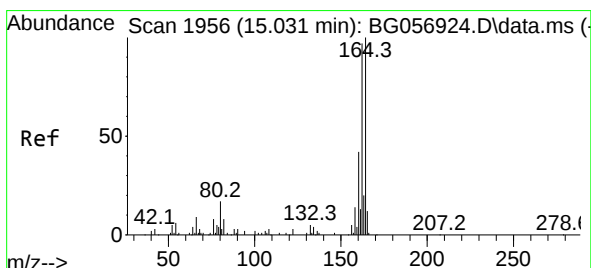
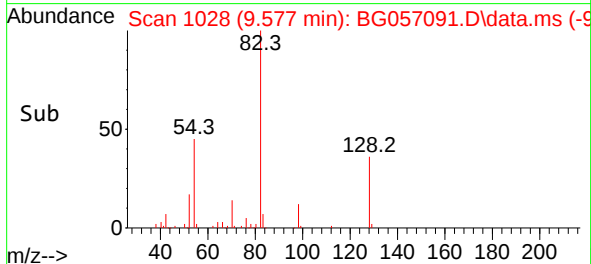
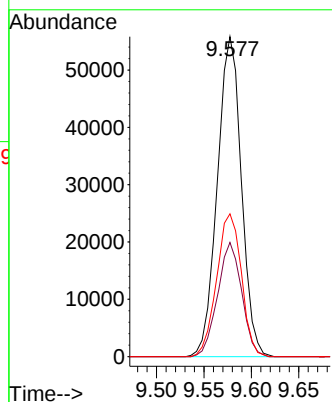
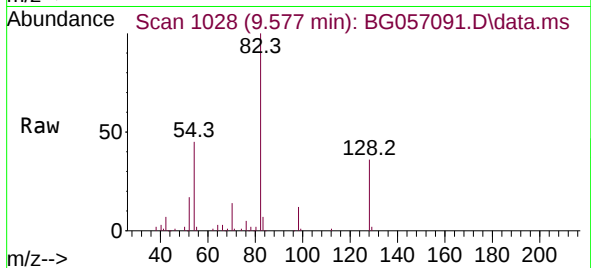
Tgt Ion: 82 Resp: 98316

Ion Ratio Lower Upper

82 100

128 35.7 27.9 41.9

54 44.6 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.011 min Scan# 1953

Delta R.T. -0.009 min

Lab File: BG057091.D

Acq: 13 Apr 2023 21:28

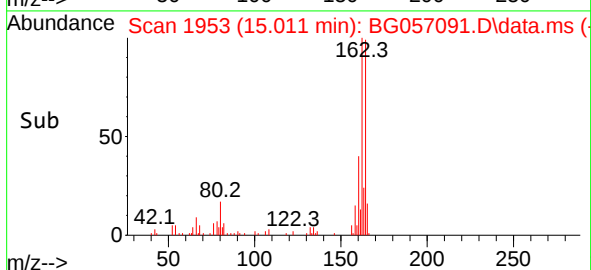
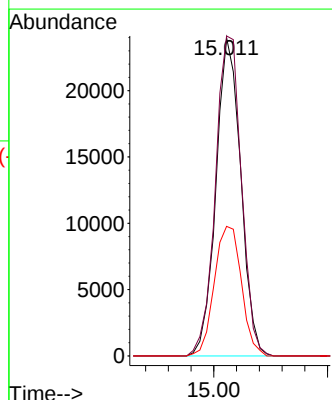
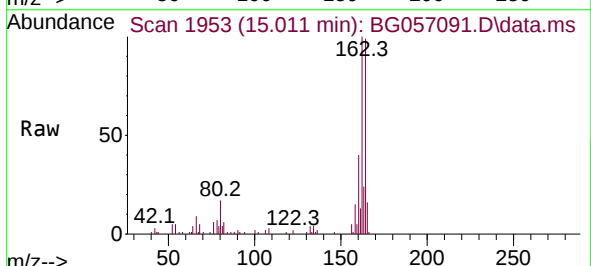
Tgt Ion: 164 Resp: 36265

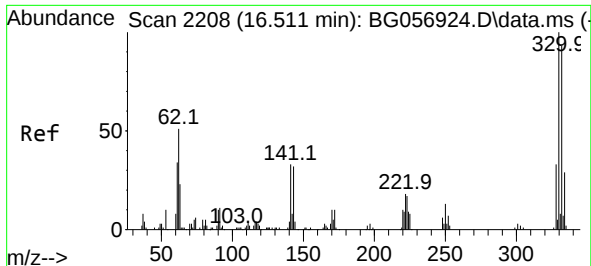
Ion Ratio Lower Upper

164 100

162 100.6 77.8 116.8

160 40.7 33.5 50.3





#42

2,4,6-Tribromophenol

Concen: 143.205 ng

RT: 16.492 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG057091.D

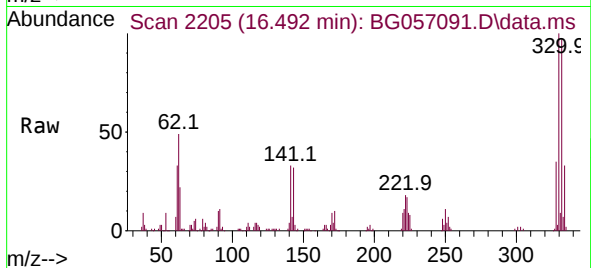
Acq: 13 Apr 2023 21:28

Instrument :

BNA_G

ClientSampleId :

JPP-3A-040723



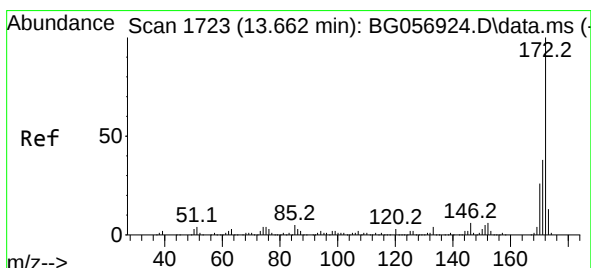
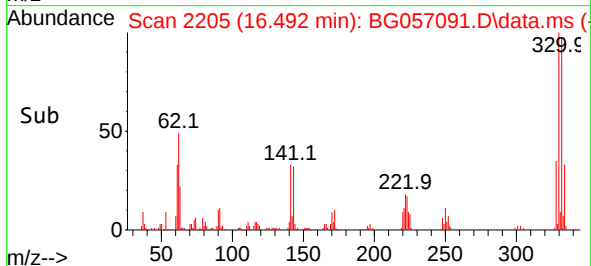
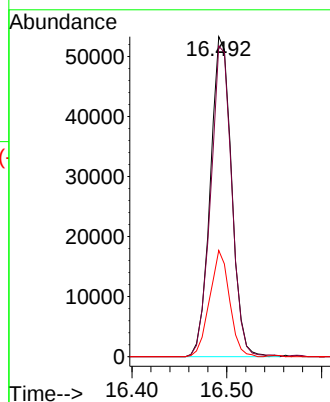
Tgt Ion:330 Resp: 82965

Ion Ratio Lower Upper

330 100

332 96.2 76.1 114.1

141 31.1 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 83.114 ng

RT: 13.637 min Scan# 1719

Delta R.T. -0.009 min

Lab File: BG057091.D

Acq: 13 Apr 2023 21:28

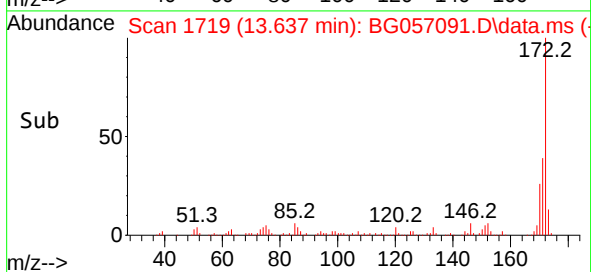
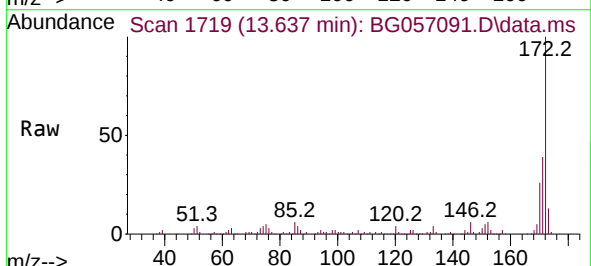
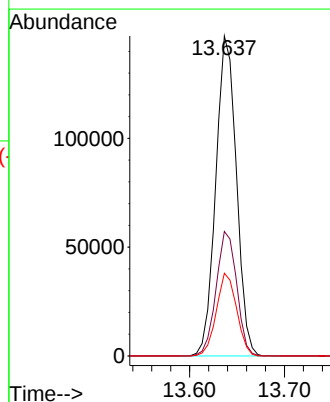
Tgt Ion:172 Resp: 222280

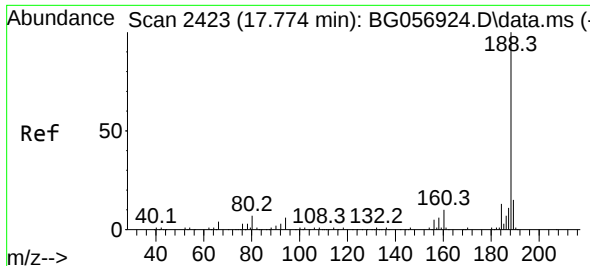
Ion Ratio Lower Upper

172 100

171 38.9 30.6 46.0

170 25.8 20.6 30.8

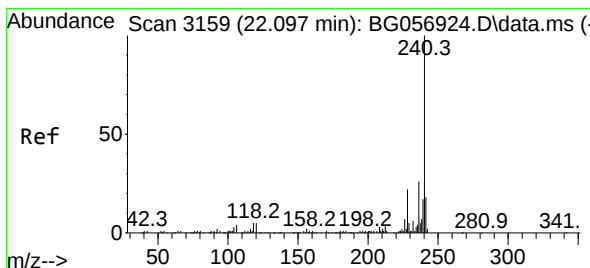
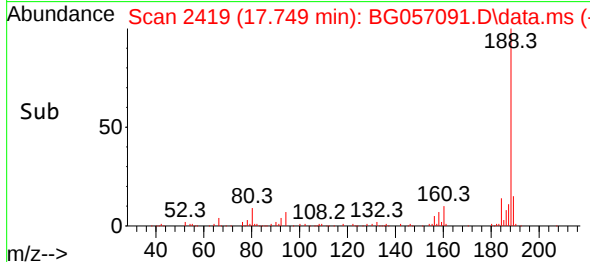
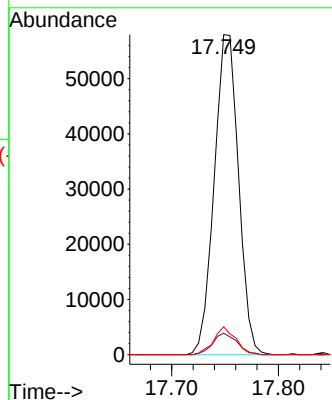
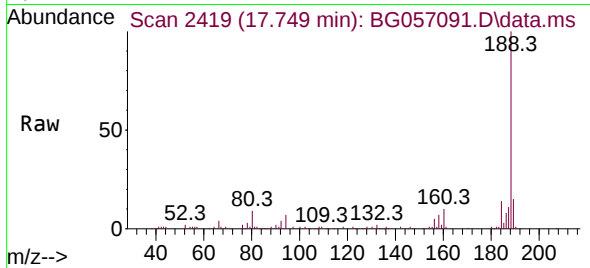




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.749 min Scan# 2419
Delta R.T. -0.015 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

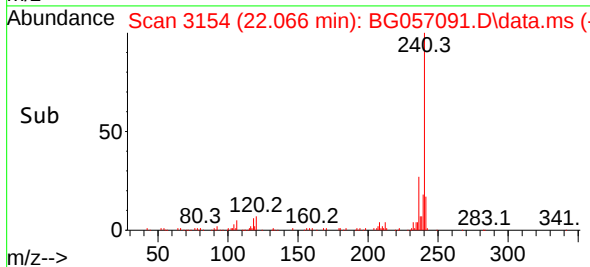
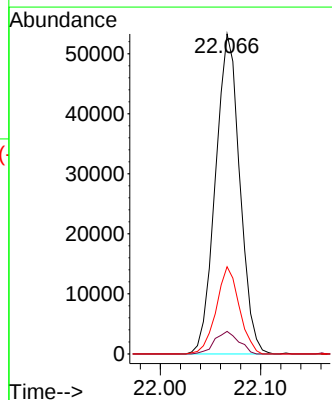
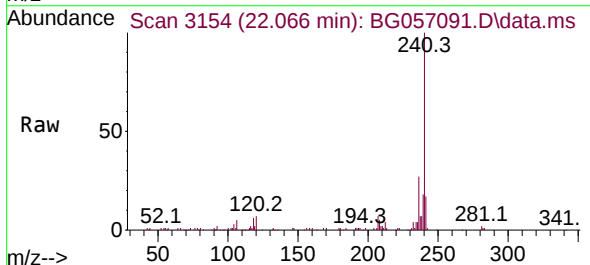
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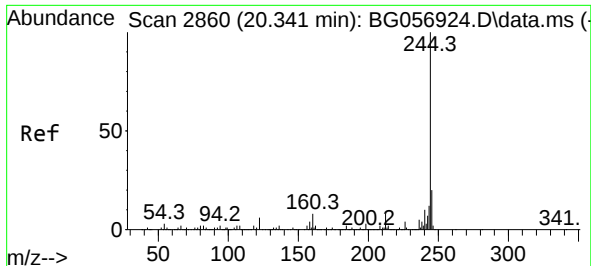
Tgt Ion:188 Resp: 91859
Ion Ratio Lower Upper
188 100
94 6.7 4.6 6.8
80 8.7 5.5 8.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.066 min Scan# 3154
Delta R.T. -0.015 min
Lab File: BG057091.D
Acq: 13 Apr 2023 21:28

Tgt Ion:240 Resp: 89832
Ion Ratio Lower Upper
240 100
120 7.0 3.8 5.6#
236 27.2 21.0 31.6

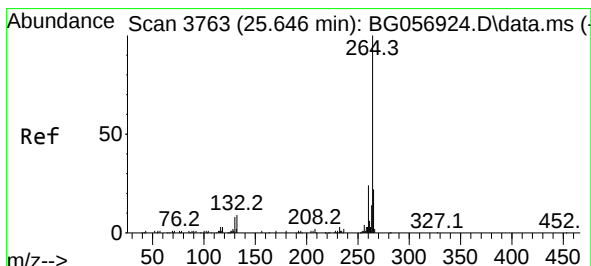
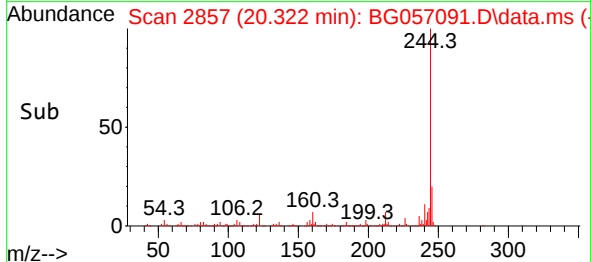
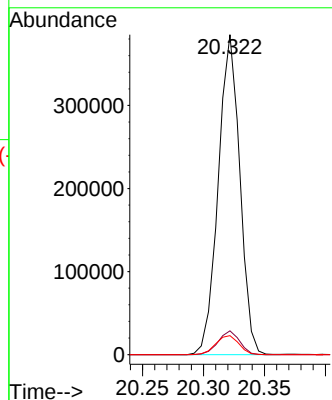
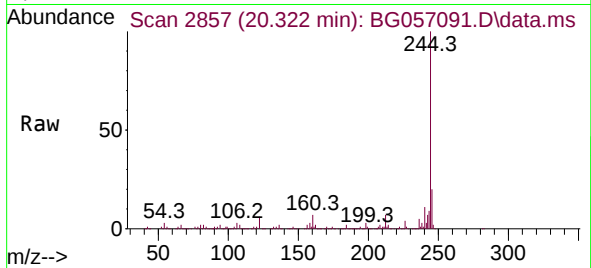




#79
 Terphenyl-d14
 Concen: 89.297 ng
 RT: 20.322 min Scan# 2860
 Delta R.T. -0.003 min
 Lab File: BG057091.D
 Acq: 13 Apr 2023 21:28

Instrument :
 BNA_G
 ClientSampleId :
 JPP-3A-040723

Tgt Ion:244 Resp: 474053
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.1 9.1
 122 5.9 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.597 min Scan# 3755
 Delta R.T. -0.015 min
 Lab File: BG057091.D
 Acq: 13 Apr 2023 21:28

Tgt Ion:264 Resp: 96880
 Ion Ratio Lower Upper
 264 100
 260 22.6 19.0 28.4
 265 25.0 17.8 26.6

