

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040423\
 Data File : BG056975.D
 Acq On : 4 Apr 2023 21:41
 Operator : CG/JU
 Sample : 02167-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TW-1

Quant Time: Apr 05 04:11:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 03:23:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.410	152	11162	20.000	ng	0.00
21) Naphthalene-d8	11.253	136	44490	20.000	ng	# 0.00
39) Acenaphthene-d10	15.025	164	34509	20.000	ng	0.00
64) Phenanthrene-d10	17.762	188	96117	20.000	ng	-0.01
76) Chrysene-d12	22.080	240	98103	20.000	ng	-0.02
86) Perylene-d12	25.610	264	101285	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.919	112	42656	61.162	ng	0.00
7) Phenol-d6	7.541	99	36732	35.214	ng	0.00
23) Nitrobenzene-d5	9.591	82	97413	89.591	ng	0.00
42) 2,4,6-Tribromophenol	16.505	330	82956	150.475	ng	0.00
45) 2-Fluorobiphenyl	13.650	172	230969	90.758	ng	-0.01
79) Terphenyl-d14	20.335	244	548465	94.604	ng	0.00

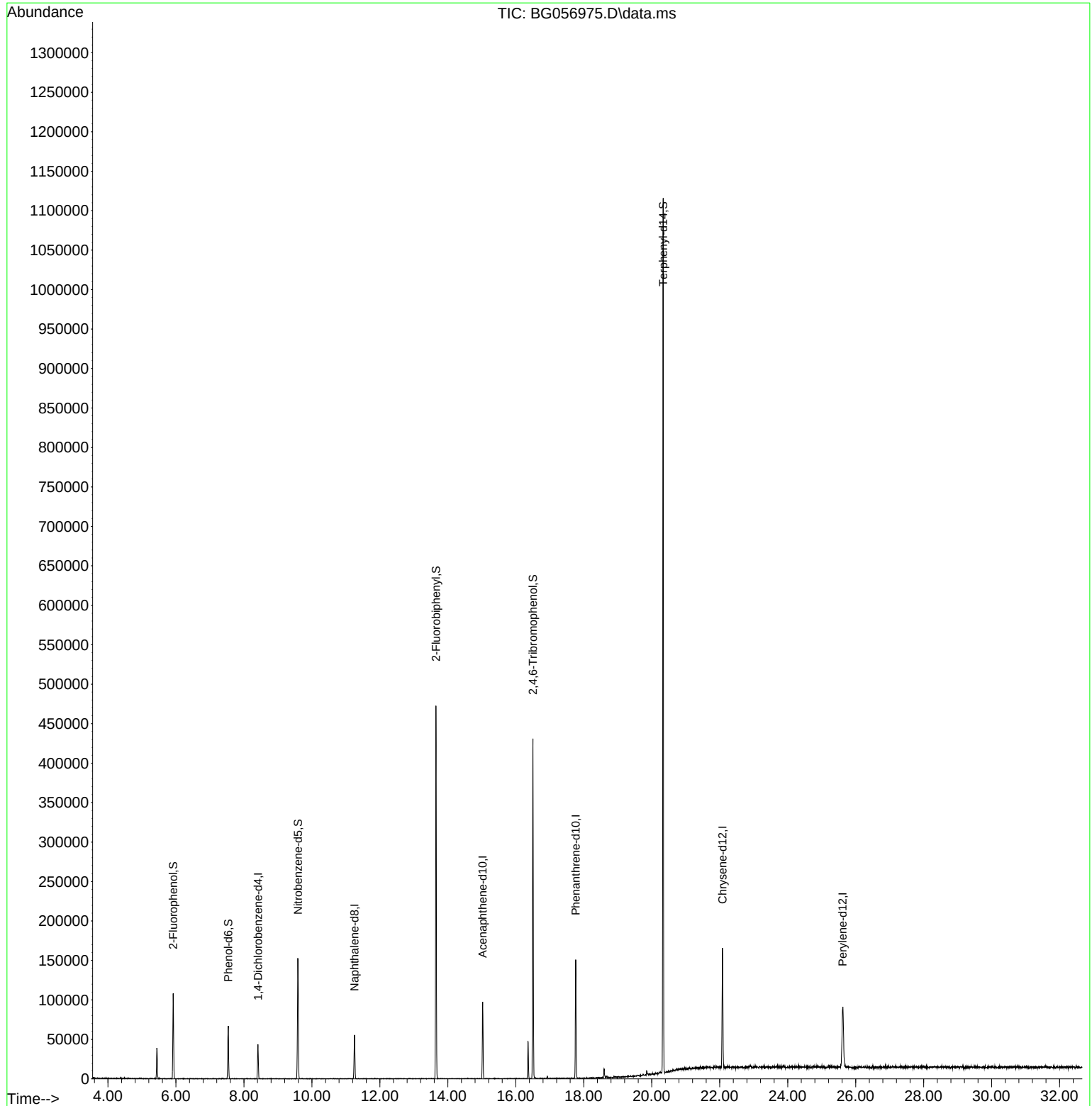
Target Compounds	Qvalue

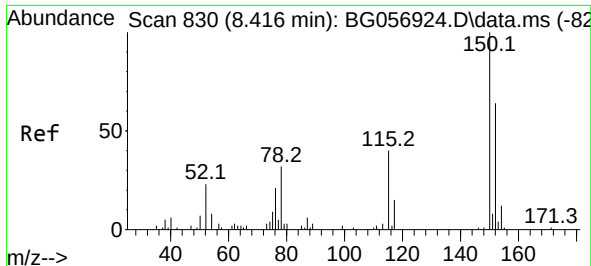
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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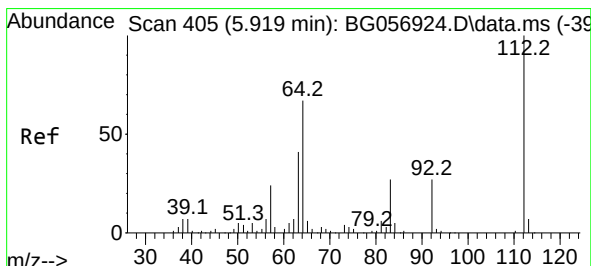
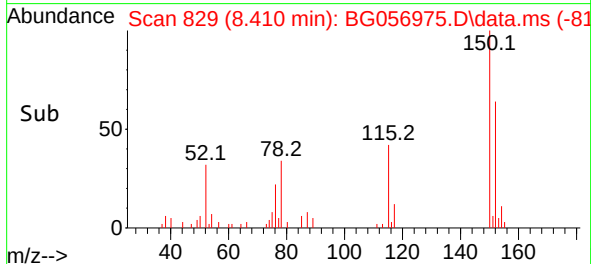
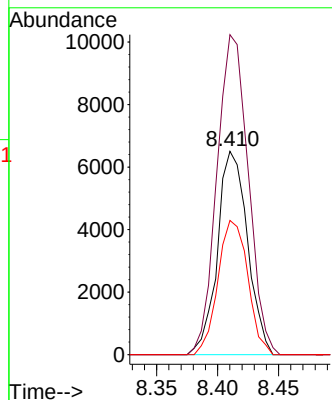
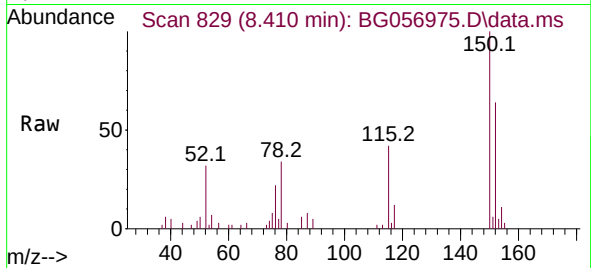




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.410 min Scan# 81
Delta R.T. -0.006 min
Lab File: BG056975.D
Acq: 4 Apr 2023 21:41

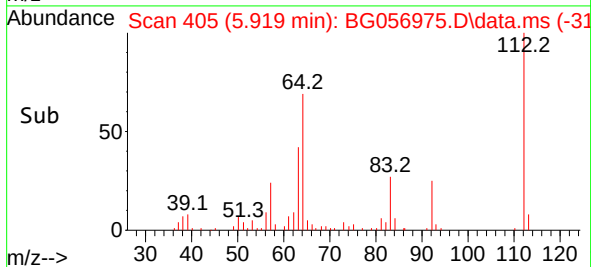
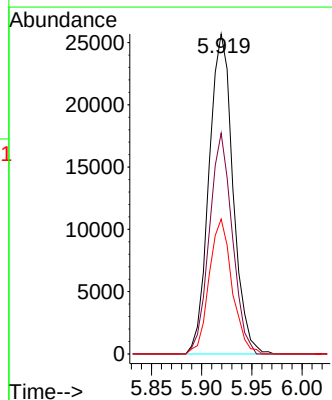
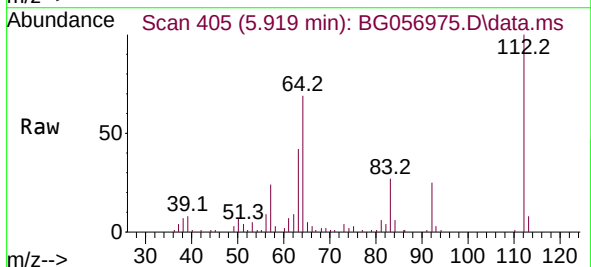
Instrument :
BNA_G
ClientSampleId :
TW-1

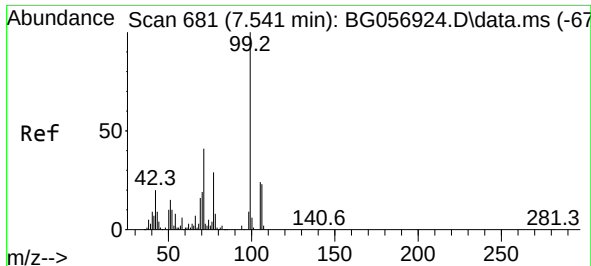
Tgt Ion:152 Resp: 11162
Ion Ratio Lower Upper
152 100
150 157.4 124.1 186.1
115 66.0 49.1 73.7



#5
2-Fluorophenol
Concen: 61.162 ng
RT: 5.919 min Scan# 405
Delta R.T. 0.000 min
Lab File: BG056975.D
Acq: 4 Apr 2023 21:41

Tgt Ion:112 Resp: 42656
Ion Ratio Lower Upper
112 100
64 69.0 53.2 79.8
63 42.1 32.6 48.8

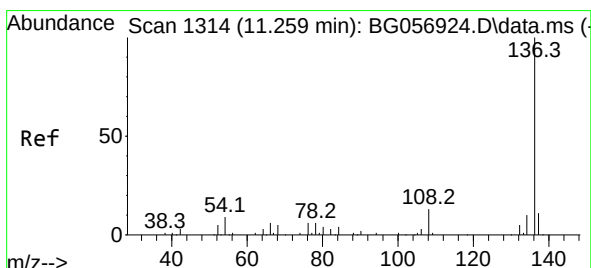
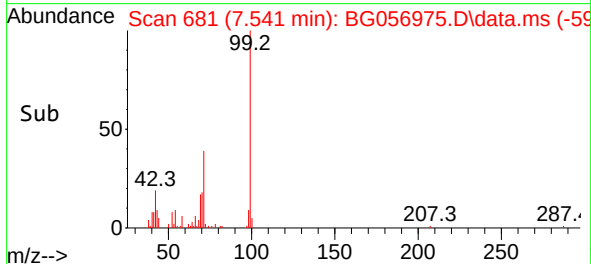
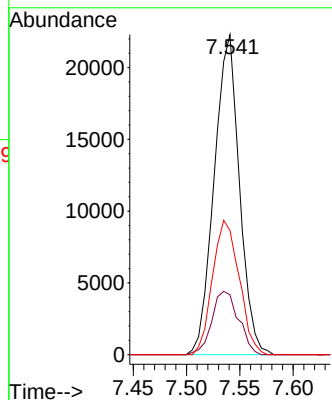
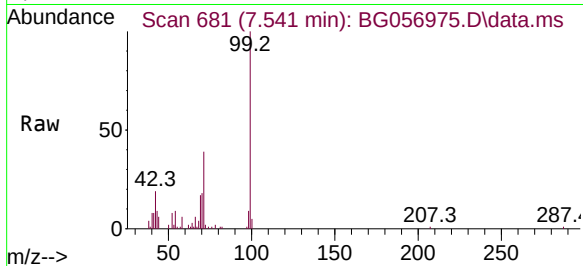




#7
Phenol-d6
Concen: 35.214 ng
RT: 7.541 min Scan# 681
Delta R.T. 0.000 min
Lab File: BG056975.D
Acq: 4 Apr 2023 21:41

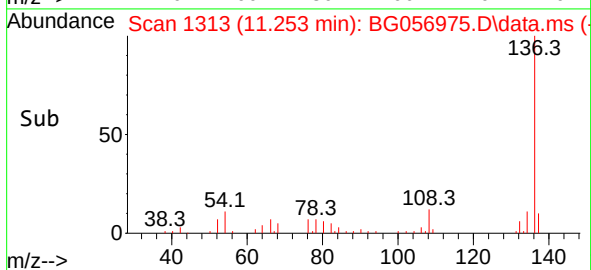
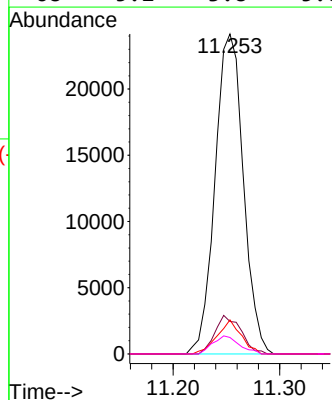
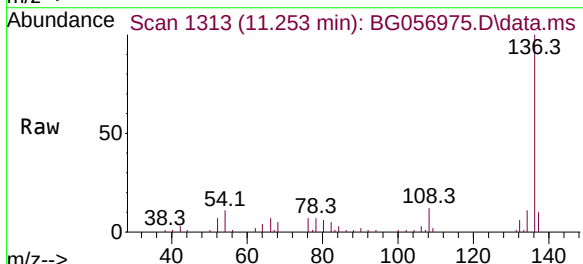
Instrument :
BNA_G
ClientSampleId :
TW-1

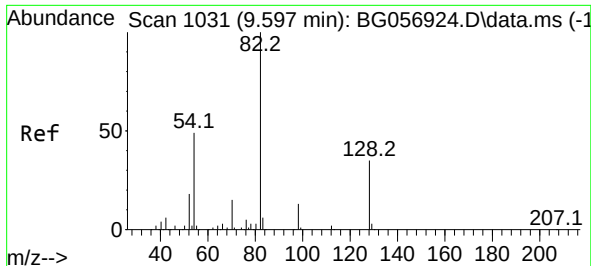
Tgt Ion: 99 Resp: 36732
Ion Ratio Lower Upper
99 100
42 18.7 15.7 23.5
71 38.8 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.253 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BG056975.D
Acq: 4 Apr 2023 21:41

Tgt Ion: 136 Resp: 44490
Ion Ratio Lower Upper
136 100
137 10.1 8.6 13.0
54 10.6 6.9 10.3#
68 5.2 3.8 5.6





#23

Nitrobenzene-d5

Concen: 89.591 ng

RT: 9.591 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BG056975.D

Acq: 4 Apr 2023 21:41

Instrument :

BNA_G

ClientSampleId :

TW-1

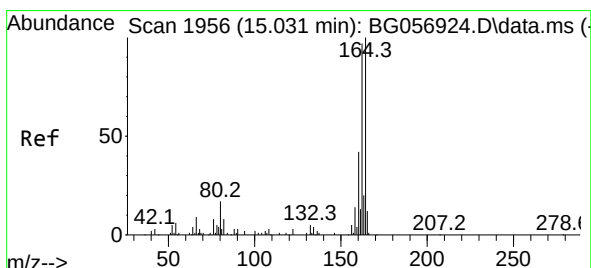
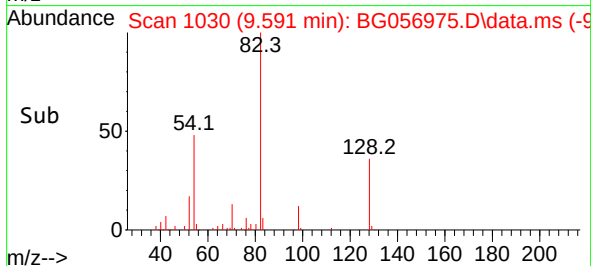
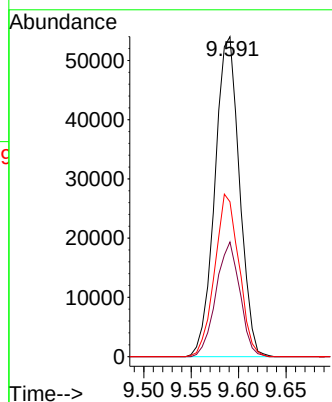
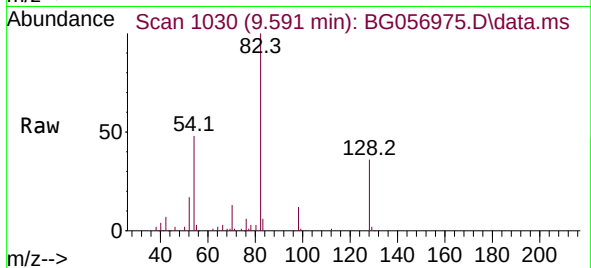
Tgt Ion: 82 Resp: 97413

Ion Ratio Lower Upper

82 100

128 35.9 27.9 41.9

54 48.4 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.025 min Scan# 1955

Delta R.T. -0.006 min

Lab File: BG056975.D

Acq: 4 Apr 2023 21:41

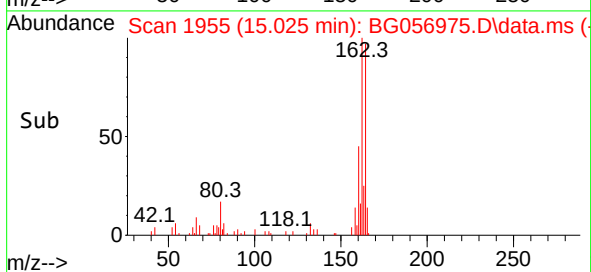
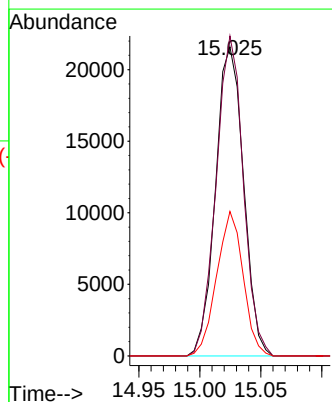
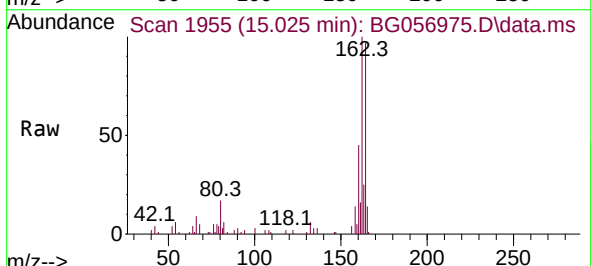
Tgt Ion:164 Resp: 34509

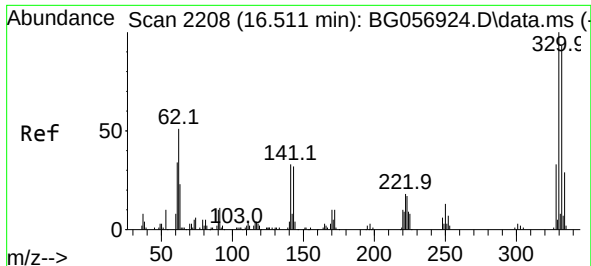
Ion Ratio Lower Upper

164 100

162 103.5 77.8 116.8

160 46.7 33.5 50.3





#42

2,4,6-Tribromophenol

Concen: 150.475 ng

RT: 16.505 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG056975.D

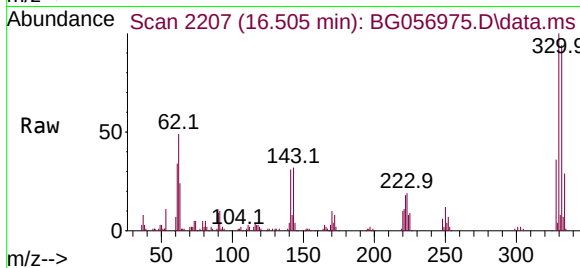
Acq: 4 Apr 2023 21:41

Instrument :

BNA_G

ClientSampleId :

TW-1



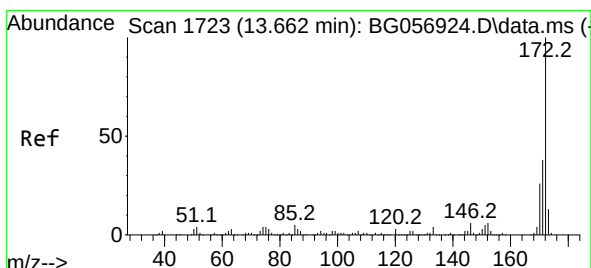
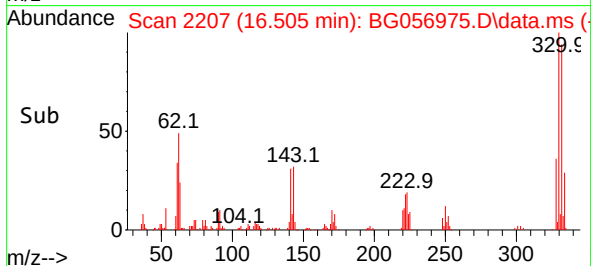
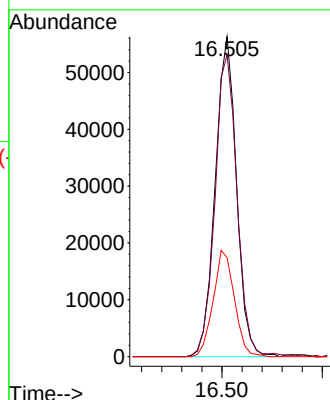
Tgt Ion:330 Resp: 82956

Ion Ratio Lower Upper

330 100

332 98.3 76.1 114.1

141 33.1 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 90.758 ng

RT: 13.650 min Scan# 1721

Delta R.T. -0.012 min

Lab File: BG056975.D

Acq: 4 Apr 2023 21:41

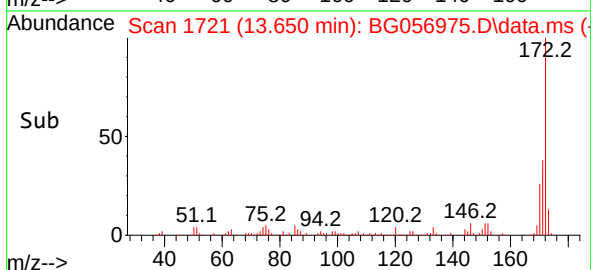
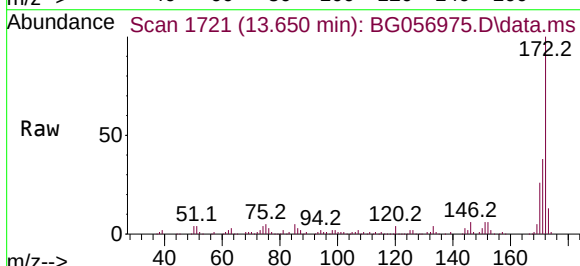
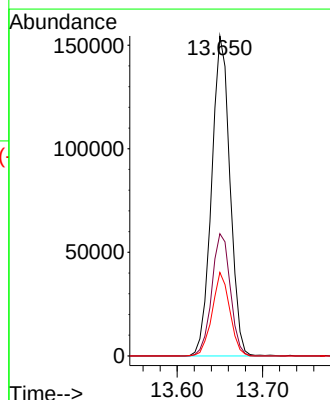
Tgt Ion:172 Resp: 230969

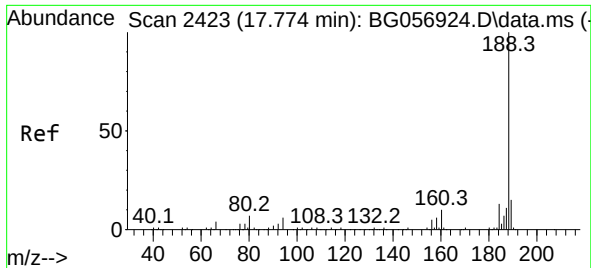
Ion Ratio Lower Upper

172 100

171 38.2 30.6 46.0

170 26.1 20.6 30.8

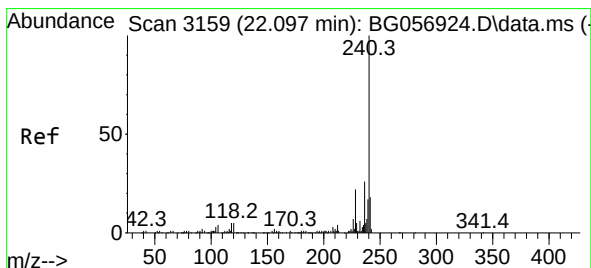
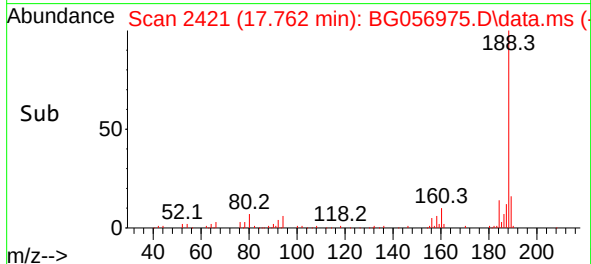
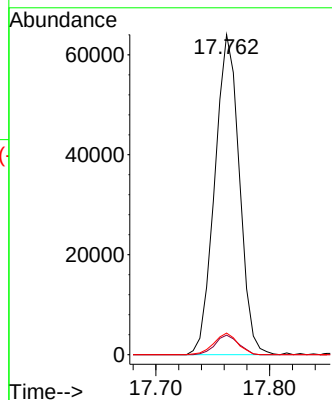
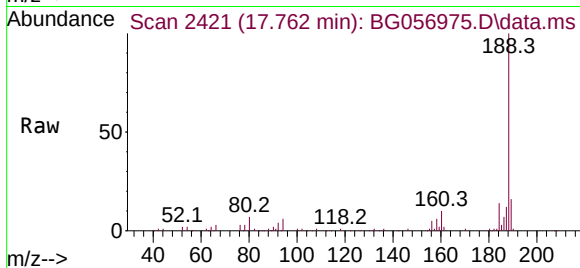




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.762 min Scan# 2421
Delta R.T. -0.012 min
Lab File: BG056975.D
Acq: 4 Apr 2023 21:41

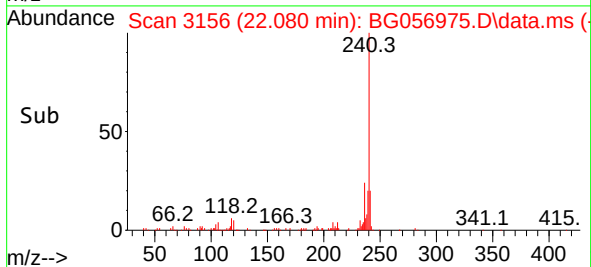
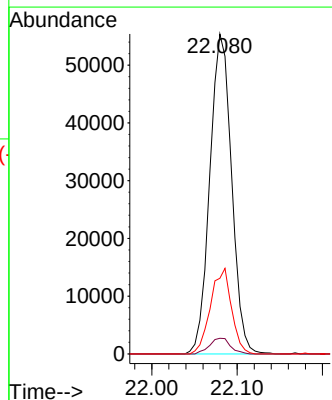
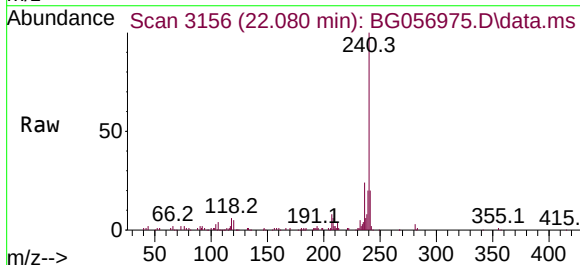
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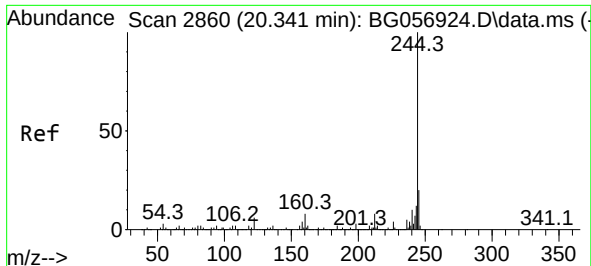
Tgt Ion:188 Resp: 96117
Ion Ratio Lower Upper
188 100
94 6.1 4.6 6.8
80 6.7 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.080 min Scan# 3156
Delta R.T. -0.018 min
Lab File: BG056975.D
Acq: 4 Apr 2023 21:41

Tgt Ion:240 Resp: 98103
Ion Ratio Lower Upper
240 100
120 4.9 3.8 5.6
236 23.6 21.0 31.6

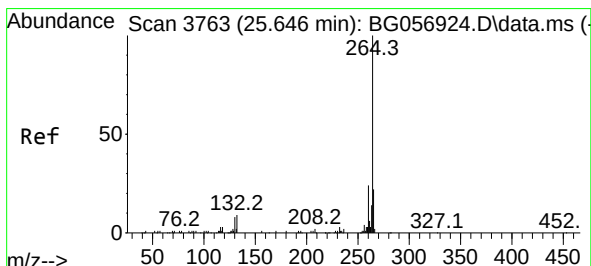
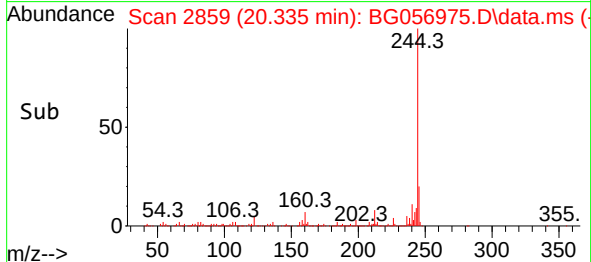
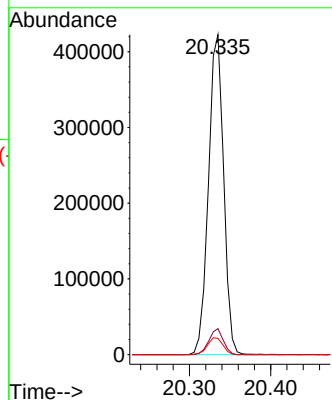
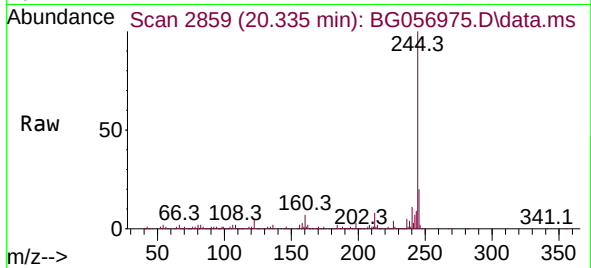




#79
 Terphenyl-d14
 Concen: 94.604 ng
 RT: 20.335 min Scan# 2859
 Delta R.T. -0.006 min
 Lab File: BG056975.D
 Acq: 4 Apr 2023 21:41

Instrument :
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Tgt Ion:244 Resp: 548465
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.1 9.1
 122 5.1 5.0 7.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.610 min Scan# 3757
 Delta R.T. -0.035 min
 Lab File: BG056975.D
 Acq: 4 Apr 2023 21:41

Tgt Ion:264 Resp: 101285
 Ion Ratio Lower Upper
 264 100
 260 20.8 19.0 28.4
 265 19.1 17.8 26.6

