

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040523\
 Data File : BG056996.D
 Acq On : 5 Apr 2023 18:39
 Operator : CG/JU
 Sample : 02109-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-30-SB01

Quant Time: Apr 06 02:02:25 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 06 01:57:04 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.408	152	13339	20.000	ng	-0.01
21) Naphthalene-d8	11.251	136	55417	20.000	ng	-0.01
39) Acenaphthene-d10	15.022	164	44225	20.000	ng	-0.01
64) Phenanthrene-d10	17.766	188	111290	20.000	ng	0.00
76) Chrysene-d12	22.083	240	91047	20.000	ng	-0.01
86) Perylene-d12	25.626	264	95426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.917	112	88715	106.443	ng	0.00
7) Phenol-d6	7.538	99	133000	106.696	ng	0.00
23) Nitrobenzene-d5	9.588	82	83833	61.899	ng	0.00
42) 2,4,6-Tribromophenol	16.503	330	68938	97.576	ng	0.00
45) 2-Fluorobiphenyl	13.654	172	201554	61.800	ng	0.00
79) Terphenyl-d14	20.333	244	336655	62.569	ng	0.00

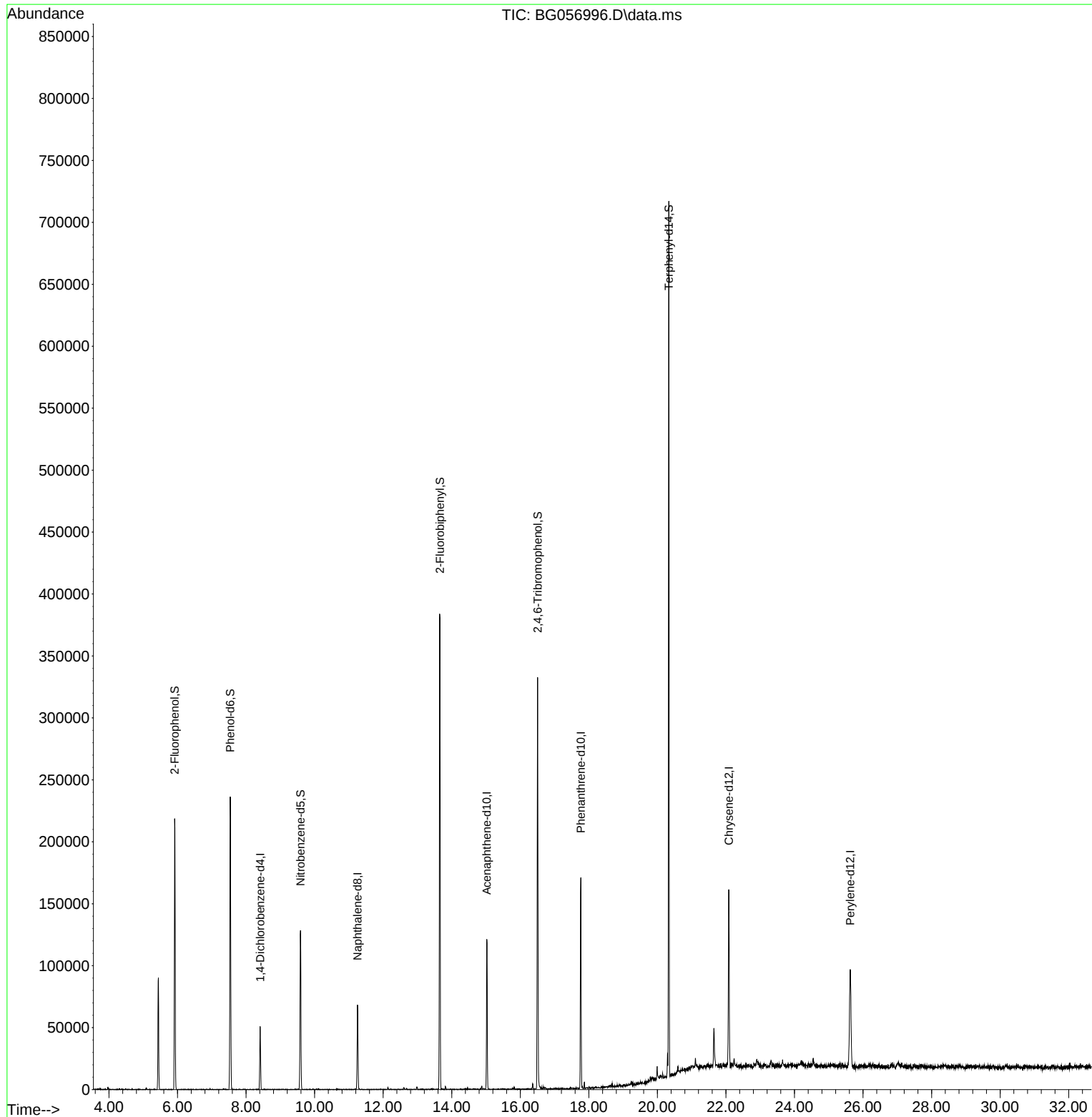
Target Compounds Qvalue

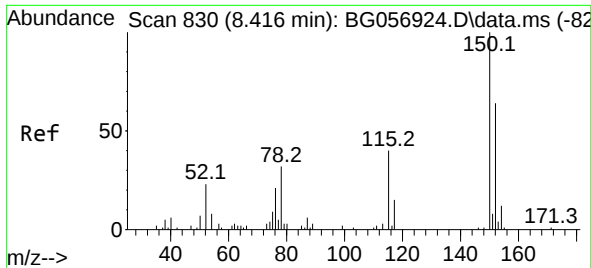
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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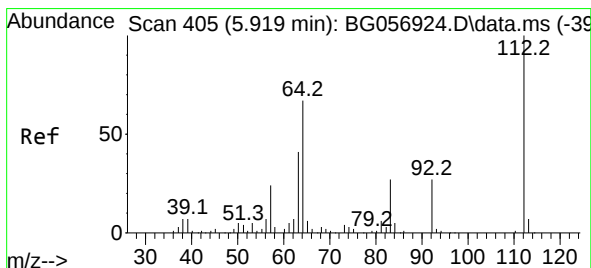
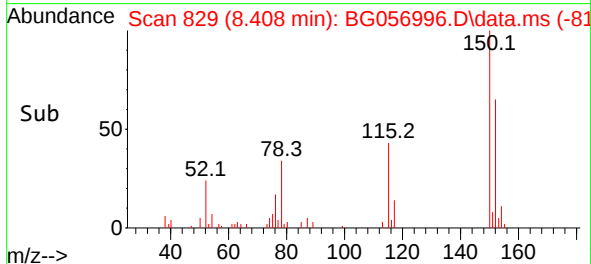
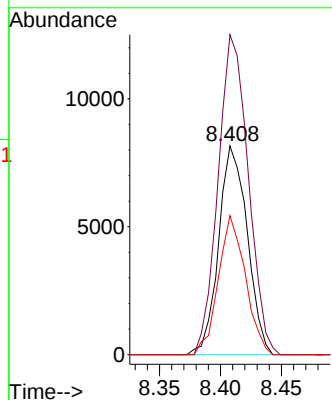
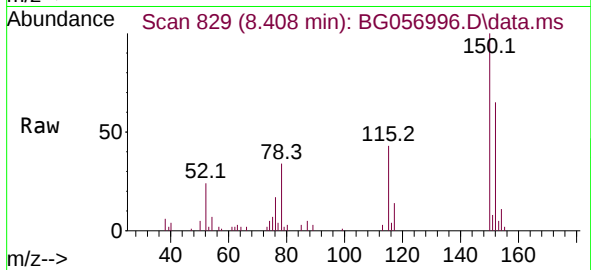




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.408 min Scan# 81
Delta R.T. -0.012 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

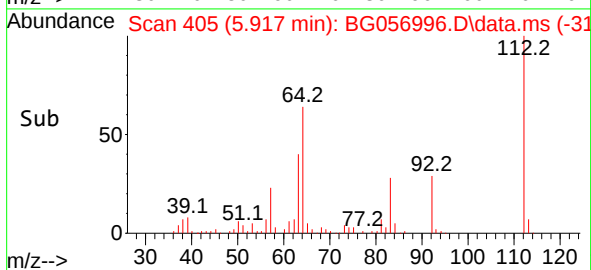
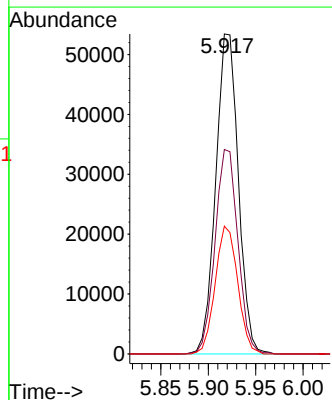
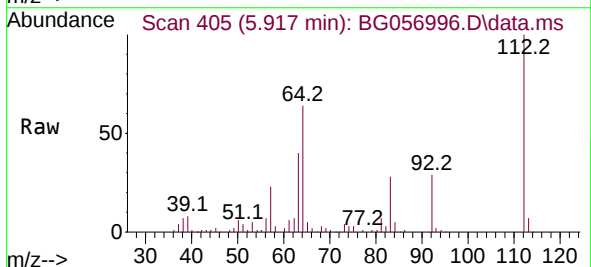
Instrument :
BNA_G
ClientSampleId :
B-30-SB01

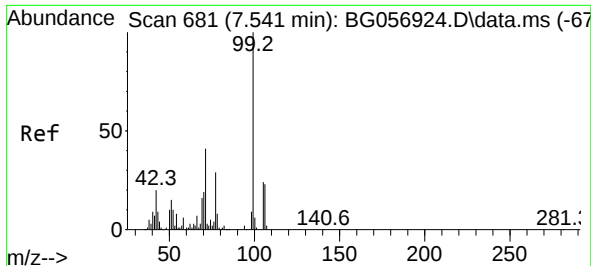
Tgt Ion:152 Resp: 13339
Ion Ratio Lower Upper
152 100
150 153.4 124.1 186.1
115 66.6 49.1 73.7



#5
2-Fluorophenol
Concen: 106.443 ng
RT: 5.917 min Scan# 405
Delta R.T. -0.006 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

Tgt Ion:112 Resp: 88715
Ion Ratio Lower Upper
112 100
64 63.9 53.2 79.8
63 39.9 32.6 48.8

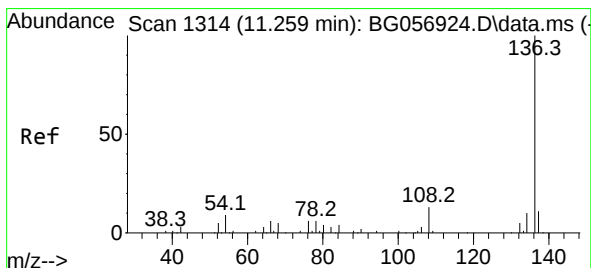
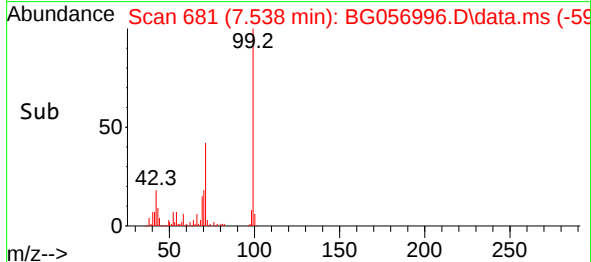
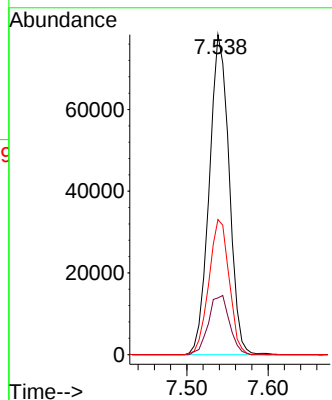
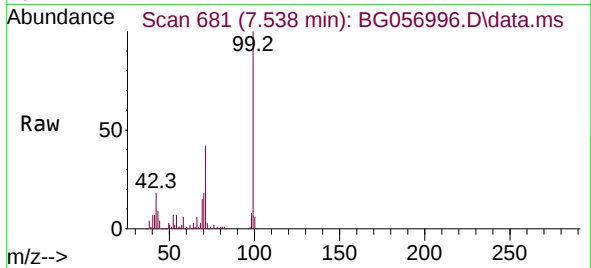




#7
Phenol-d6
Concen: 106.696 ng
RT: 7.538 min Scan# 681
Delta R.T. -0.006 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

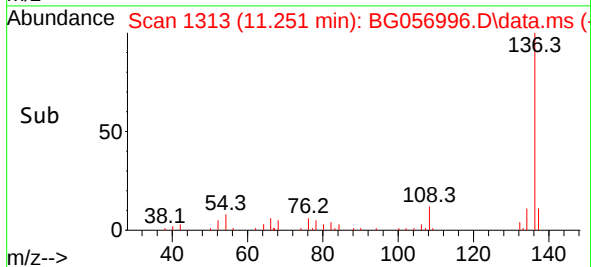
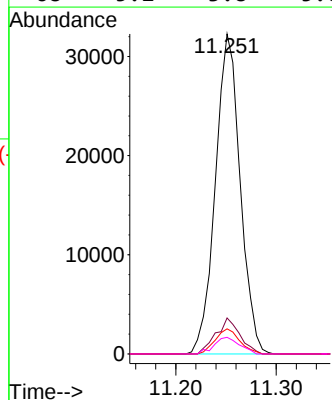
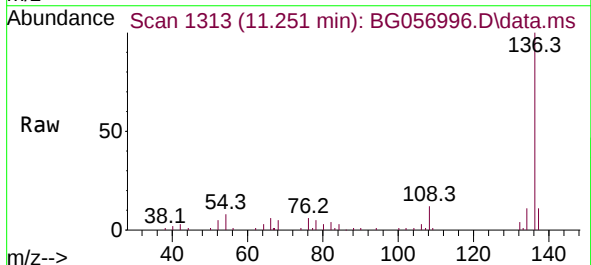
Instrument :
BNA_G
ClientSampleId :
B-30-SB01

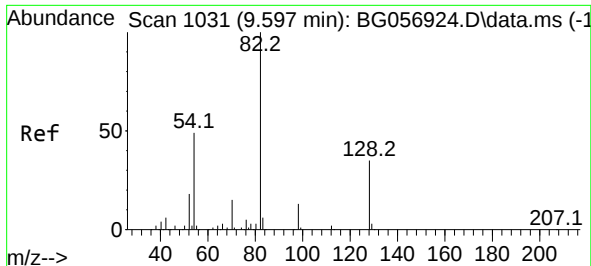
Tgt Ion: 99 Resp: 133000
Ion Ratio Lower Upper
99 100
42 17.7 15.7 23.5
71 42.2 32.5 48.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.251 min Scan# 1313
Delta R.T. -0.012 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

Tgt Ion:136 Resp: 55417
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.8 6.9 10.3
68 5.2 3.8 5.6





#23

Nitrobenzene-d5

Concen: 61.899 ng

RT: 9.588 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BG056996.D

Acq: 5 Apr 2023 18:39

Instrument :

BNA_G

ClientSampleId :

B-30-SB01

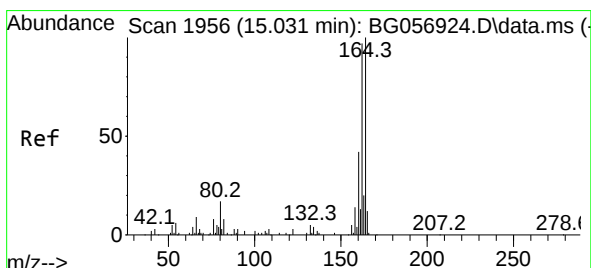
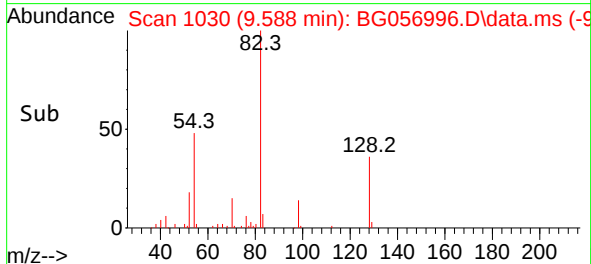
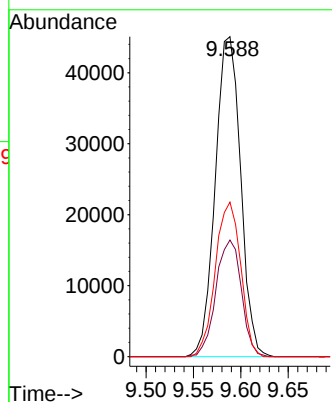
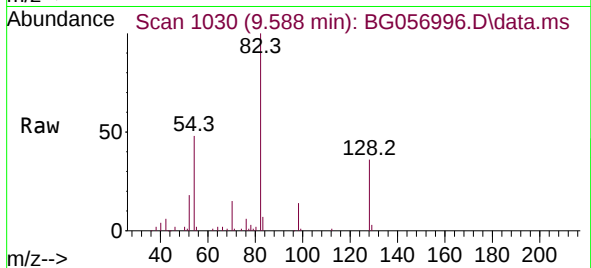
Tgt Ion: 82 Resp: 83833

Ion Ratio Lower Upper

82 100

128 36.4 27.9 41.9

54 48.3 39.4 59.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.022 min Scan# 1955

Delta R.T. -0.012 min

Lab File: BG056996.D

Acq: 5 Apr 2023 18:39

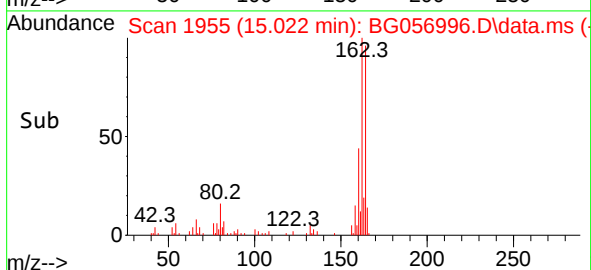
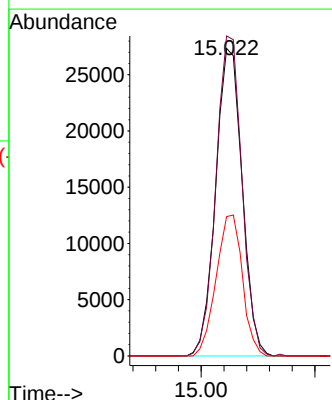
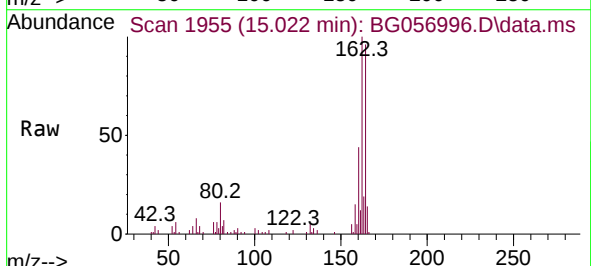
Tgt Ion: 164 Resp: 44225

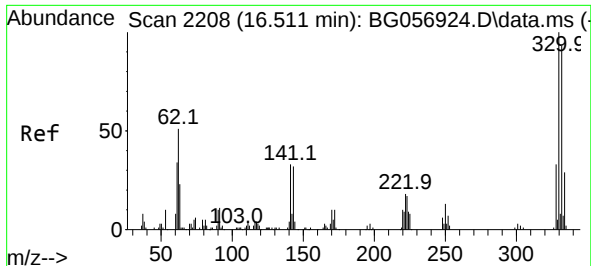
Ion Ratio Lower Upper

164 100

162 104.1 77.8 116.8

160 45.3 33.5 50.3





#42

2,4,6-Tribromophenol

Concen: 97.576 ng

RT: 16.503 min Scan# 21

Delta R.T. -0.006 min

Lab File: BG056996.D

Acq: 5 Apr 2023 18:39

Instrument :

BNA_G

ClientSampleId :

B-30-SB01

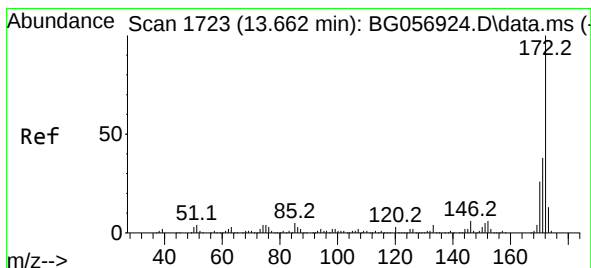
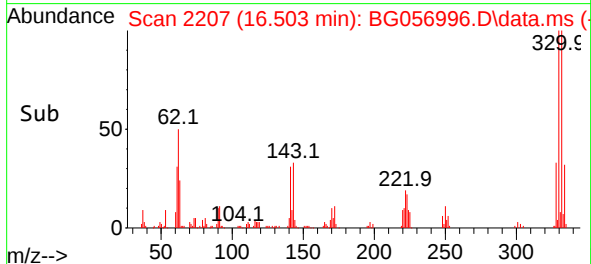
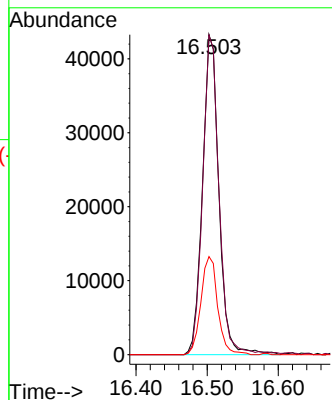
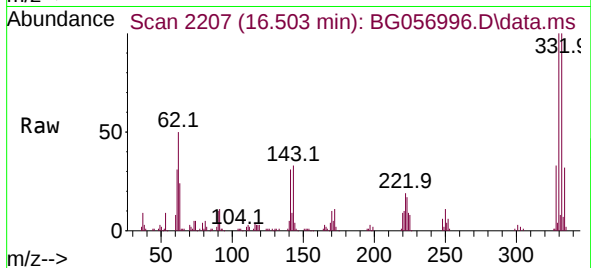
Tgt Ion:330 Resp: 68938

Ion Ratio Lower Upper

330 100

332 99.0 76.1 114.1

141 31.3 25.8 38.6



#45

2-Fluorobiphenyl

Concen: 61.800 ng

RT: 13.654 min Scan# 1722

Delta R.T. -0.000 min

Lab File: BG056996.D

Acq: 5 Apr 2023 18:39

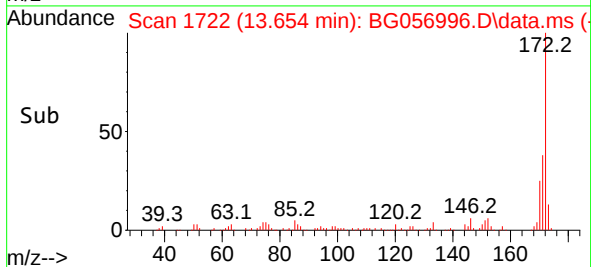
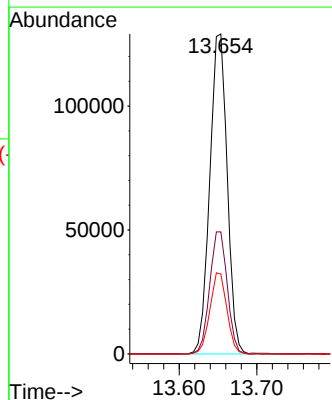
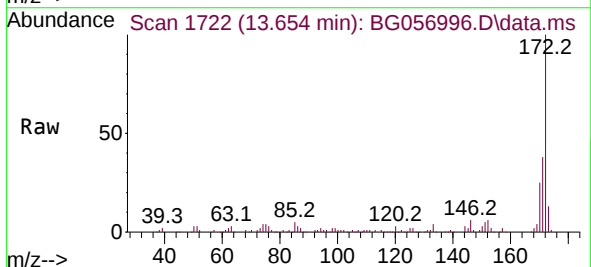
Tgt Ion:172 Resp: 201554

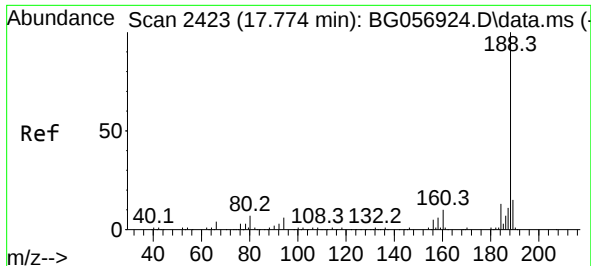
Ion Ratio Lower Upper

172 100

171 38.1 30.6 46.0

170 25.0 20.6 30.8

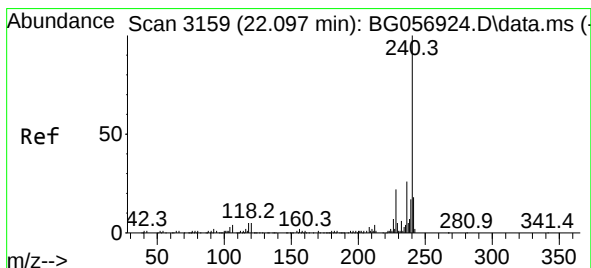
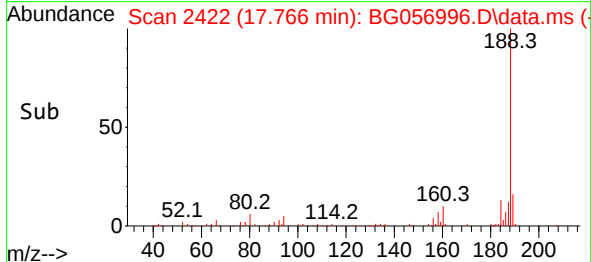
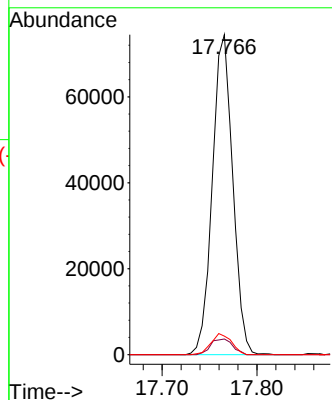
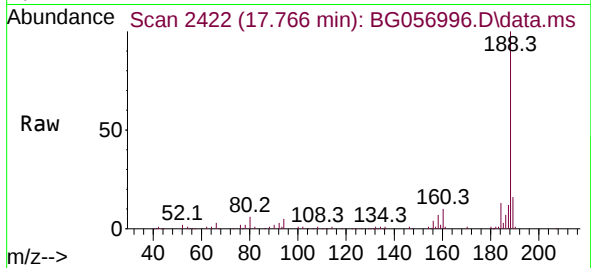




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.766 min Scan# 24
Delta R.T. -0.000 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

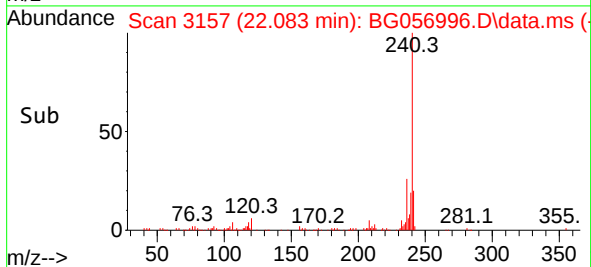
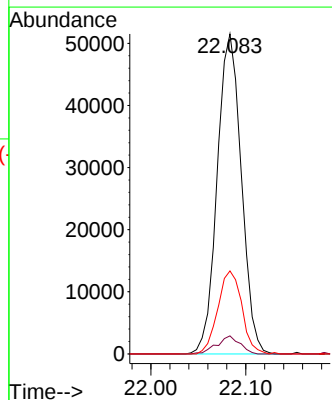
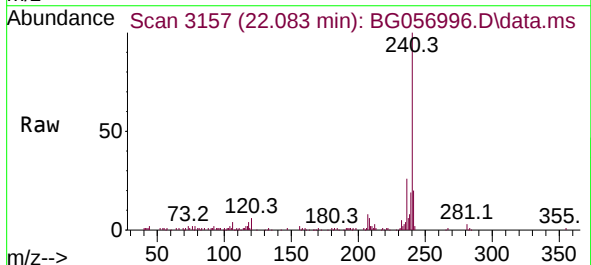
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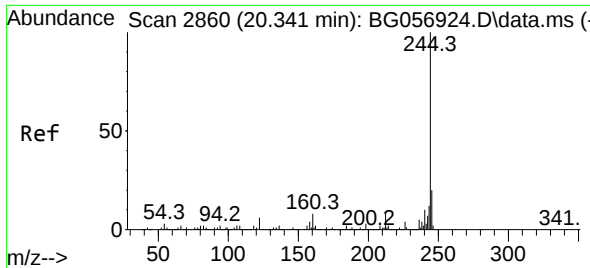
Tgt Ion:188 Resp: 111290
Ion Ratio Lower Upper
188 100
94 4.9 4.6 6.8
80 5.8 5.5 8.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.083 min Scan# 3157
Delta R.T. -0.012 min
Lab File: BG056996.D
Acq: 5 Apr 2023 18:39

Tgt Ion:240 Resp: 91047
Ion Ratio Lower Upper
240 100
120 5.6 3.8 5.6
236 25.9 21.0 31.6





#79

Terphenyl-d14

Concen: 62.569 ng

RT: 20.333 min Scan# 2859

Delta R.T. -0.006 min

Lab File: BG056996.D

Acq: 5 Apr 2023 18:39

Instrument :

BNA_G

ClientSampleId :

B-30-SB01

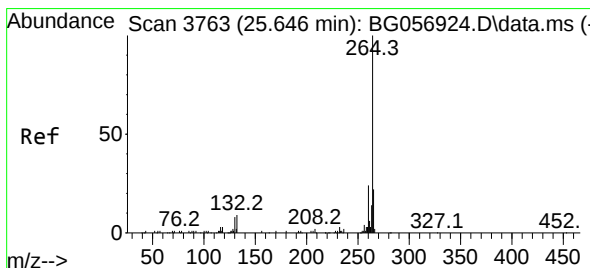
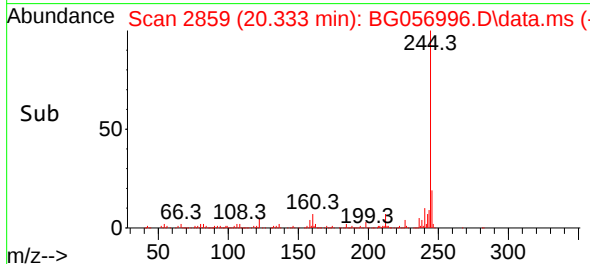
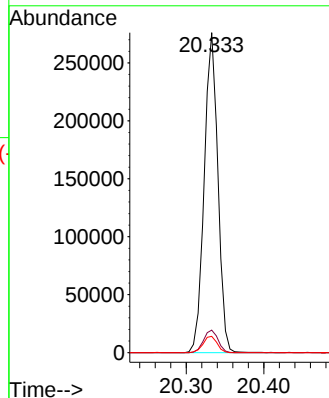
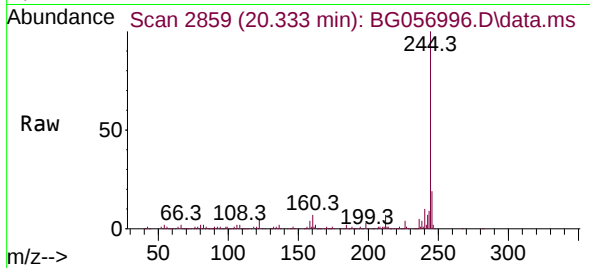
Tgt Ion:244 Resp: 336655

Ion Ratio Lower Upper

244 100

212 7.0 6.1 9.1

122 5.1 5.0 7.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.626 min Scan# 3760

Delta R.T. -0.006 min

Lab File: BG056996.D

Acq: 5 Apr 2023 18:39

Tgt Ion:264 Resp: 95426

Ion Ratio Lower Upper

264 100

260 22.8 19.0 28.4

265 21.7 17.8 26.6

