

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
 Data File : BG056586.D
 Acq On : 8 Feb 2023 17:55
 Operator : CG/JU
 Sample : 01445-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JPP-26-020323

Quant Time: Feb 09 02:08:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 08 03:02:11 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.271	152	38987	20.000	ng	# 0.00
21) Naphthalene-d8	11.103	136	149400	20.000	ng	0.00
39) Acenaphthene-d10	14.893	164	107964	20.000	ng	0.00
64) Phenanthrene-d10	17.631	188	244688	20.000	ng	0.00
76) Chrysene-d12	21.920	240	222122	20.000	ng	0.00
86) Perylene-d12	25.351	264	241050	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	311678	147.063	ng	0.00
7) Phenol-d6	7.425	99	392020	124.840	ng	0.00
23) Nitrobenzene-d5	9.452	82	253282	96.269	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	209235	145.776	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	815041	104.664	ng	0.00
79) Terphenyl-d14	20.210	244	1360258	107.558	ng	0.00

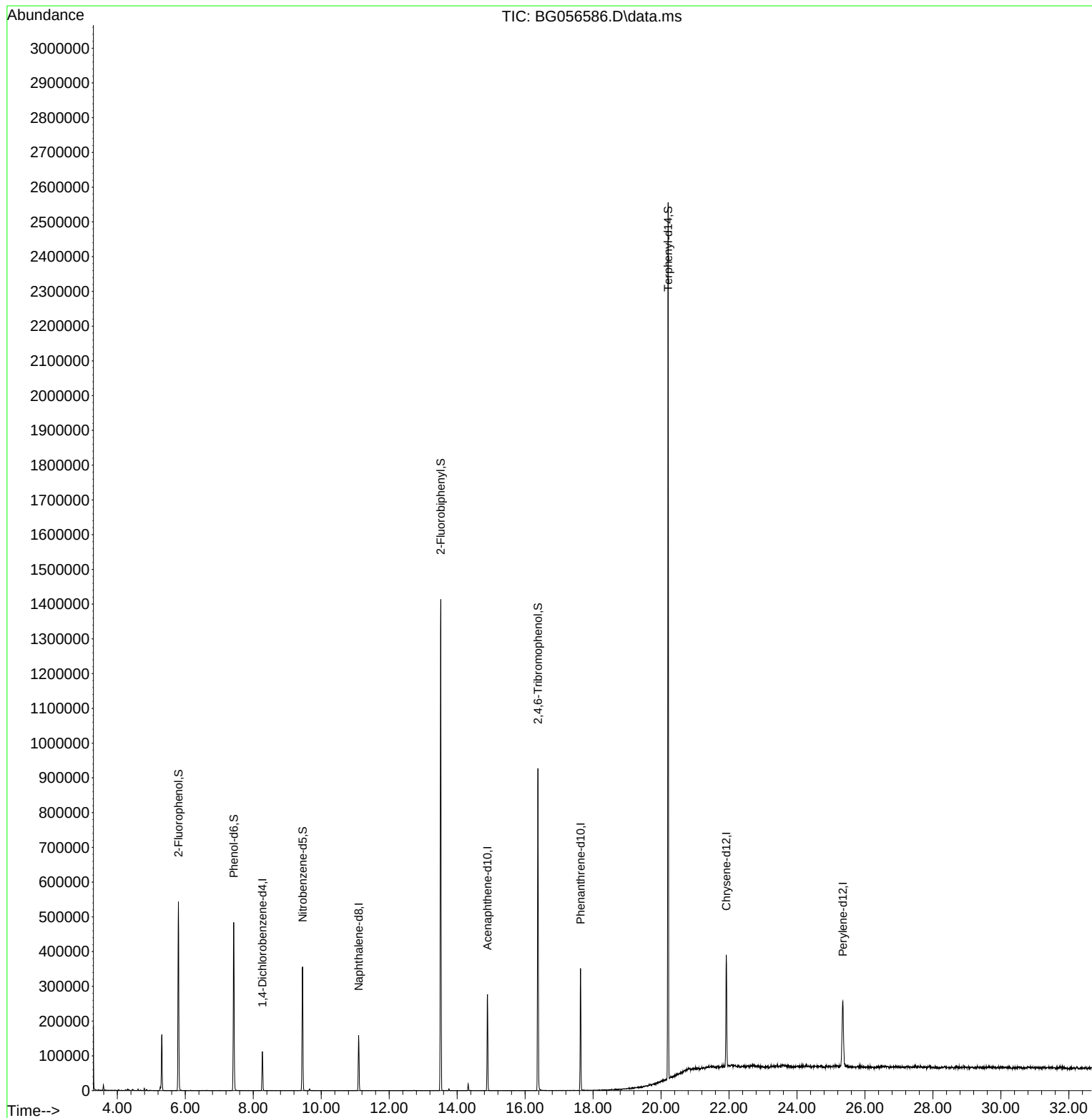
Target Compounds Qvalue

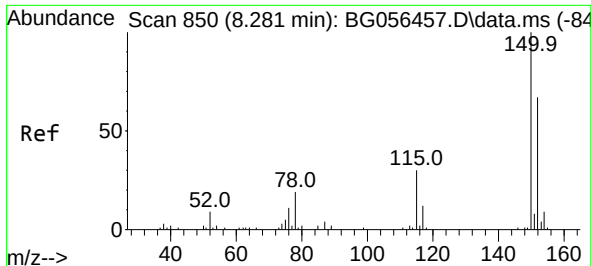
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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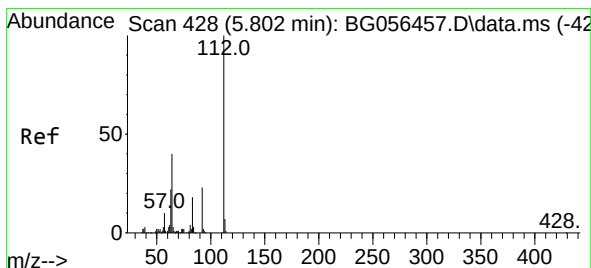
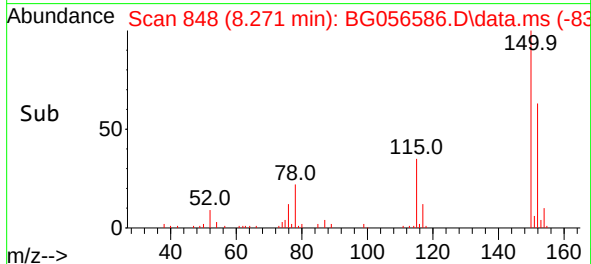
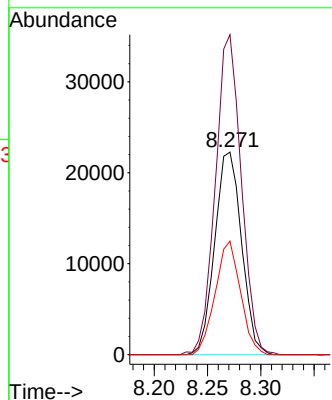
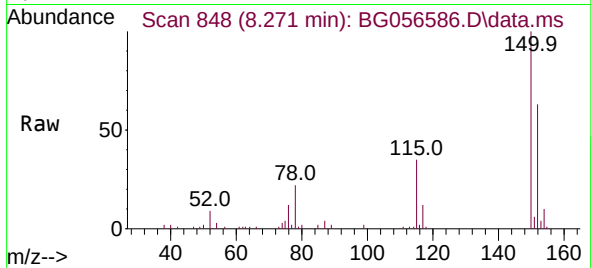




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.271 min Scan# 84
Delta R.T. 0.002 min
Lab File: BG056586.D
Acq: 8 Feb 2023 17:55

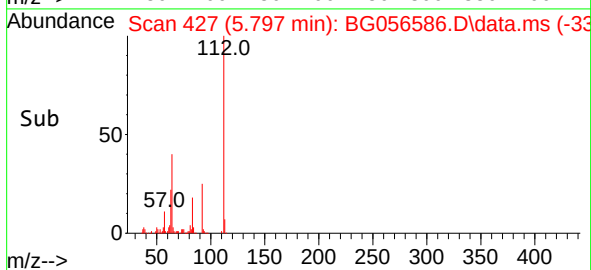
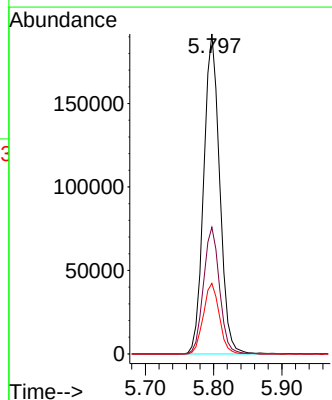
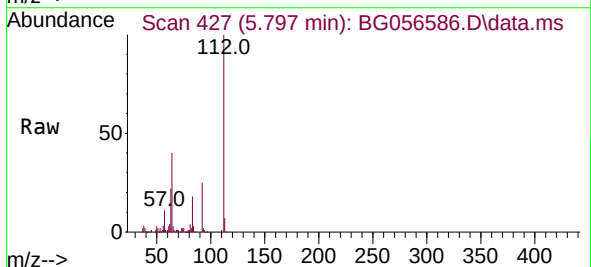
Instrument :
BNA_G
ClientSampleId :
JPP-26-020323

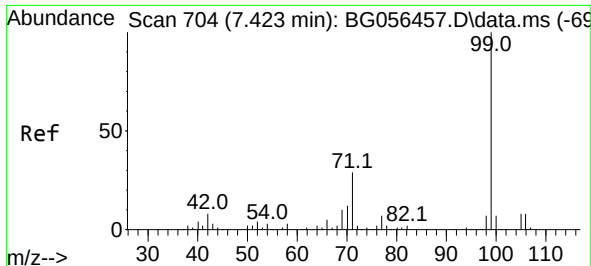
Tgt Ion:152 Resp: 38987
Ion Ratio Lower Upper
152 100
150 158.1 120.2 180.4
115 56.1 36.3 54.5#



#5
2-Fluorophenol
Concen: 147.063 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.007 min
Lab File: BG056586.D
Acq: 8 Feb 2023 17:55

Tgt Ion:112 Resp: 311678
Ion Ratio Lower Upper
112 100
64 39.6 31.9 47.9
63 22.0 17.4 26.0

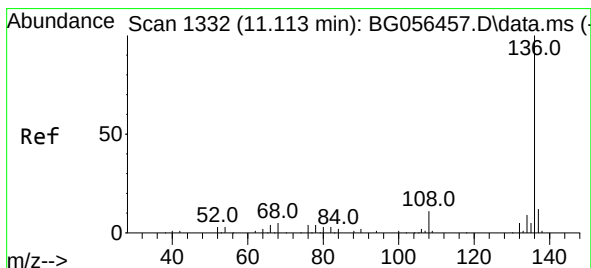
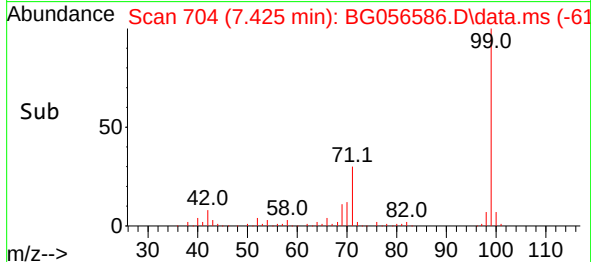
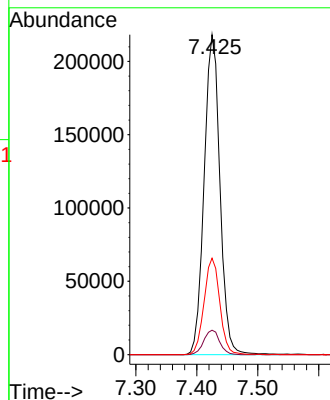
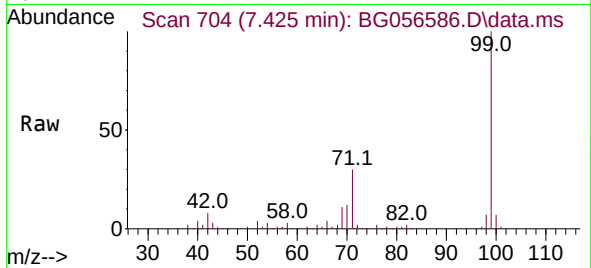




#7
Phenol-d6
Concen: 124.840 ng
RT: 7.425 min Scan# 704
Delta R.T. 0.007 min
Lab File: BG056586.D
Acq: 8 Feb 2023 17:55

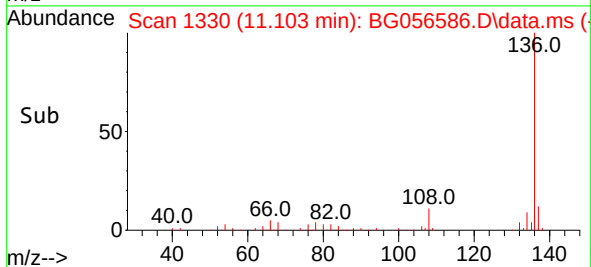
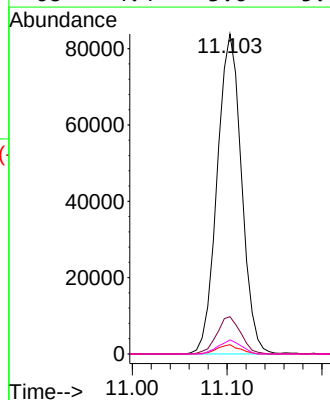
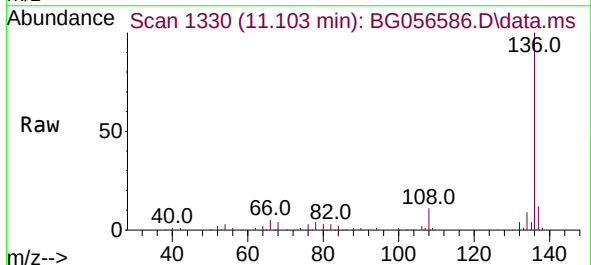
Instrument :
BNA_G
ClientSampleId :
JPP-26-020323

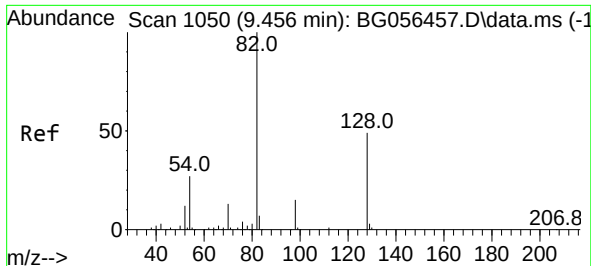
Tgt Ion: 99 Resp: 392020
Ion Ratio Lower Upper
99 100
42 7.6 6.6 10.0
71 30.1 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 1330
Delta R.T. 0.002 min
Lab File: BG056586.D
Acq: 8 Feb 2023 17:55

Tgt Ion:136 Resp: 149400
Ion Ratio Lower Upper
136 100
137 11.7 9.4 14.0
54 2.9 2.2 3.4
68 4.4 3.6 5.4





#23

Nitrobenzene-d5

Concen: 96.269 ng

RT: 9.452 min Scan# 1049

Delta R.T. 0.007 min

Lab File: BG056586.D

Acq: 8 Feb 2023 17:55

Instrument :

BNA_G

ClientSampleId :

JPP-26-020323

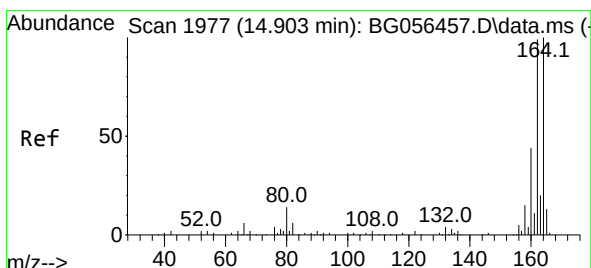
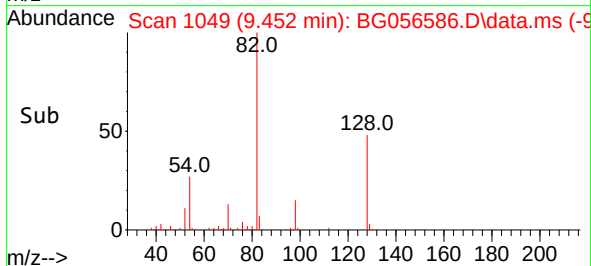
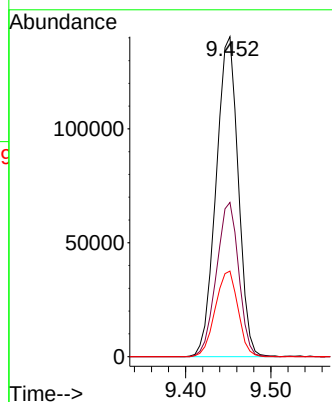
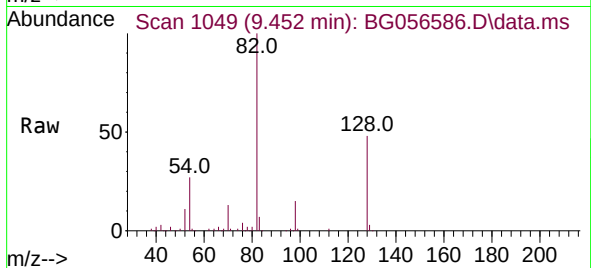
Tgt Ion: 82 Resp: 253282

Ion Ratio Lower Upper

82 100

128 48.2 39.4 59.2

54 26.7 21.4 32.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.893 min Scan# 1975

Delta R.T. 0.002 min

Lab File: BG056586.D

Acq: 8 Feb 2023 17:55

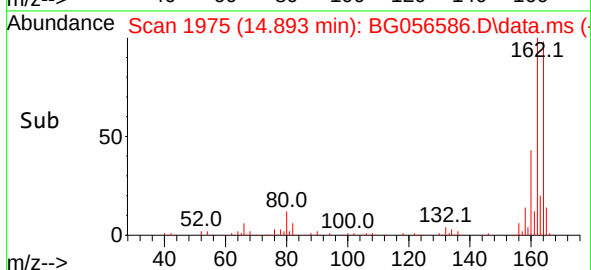
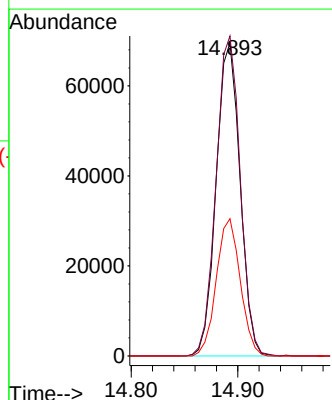
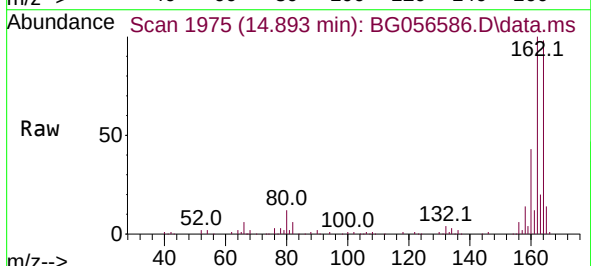
Tgt Ion: 164 Resp: 107964

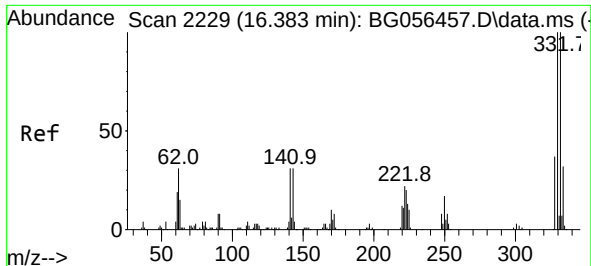
Ion Ratio Lower Upper

164 100

162 102.2 79.6 119.4

160 43.8 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 145.776 ng

RT: 16.379 min Scan# 21

Delta R.T. 0.002 min

Lab File: BG056586.D

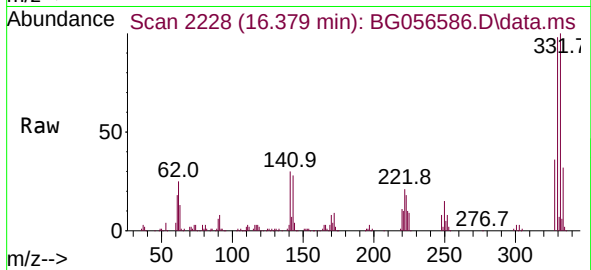
Acq: 8 Feb 2023 17:55

Instrument :

BNA_G

ClientSampleId :

JPP-26-020323



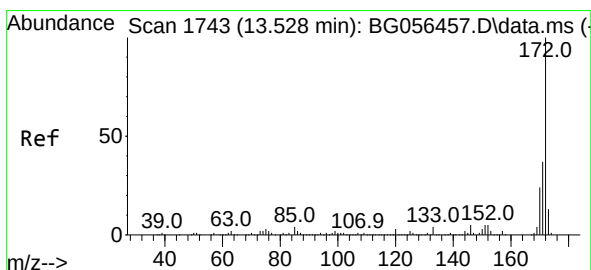
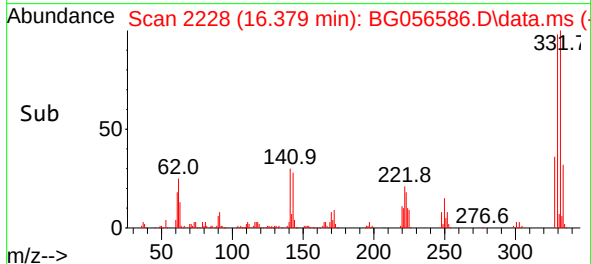
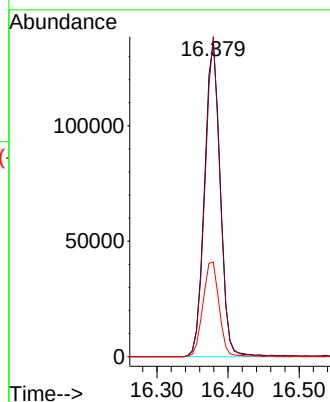
Tgt Ion:330 Resp: 209235

Ion Ratio Lower Upper

330 100

332 97.7 79.0 118.6

141 30.8 24.2 36.4



#45

2-Fluorobiphenyl

Concen: 104.664 ng

RT: 13.518 min Scan# 1741

Delta R.T. 0.002 min

Lab File: BG056586.D

Acq: 8 Feb 2023 17:55

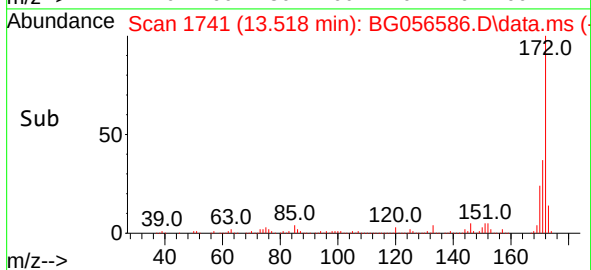
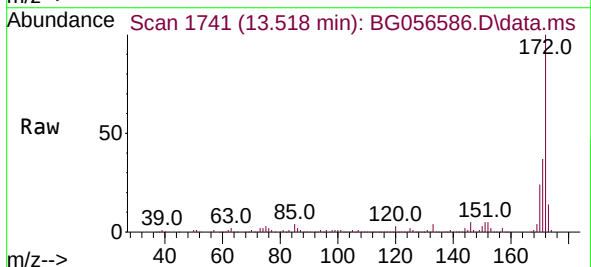
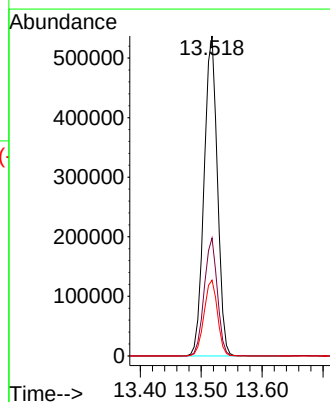
Tgt Ion:172 Resp: 815041

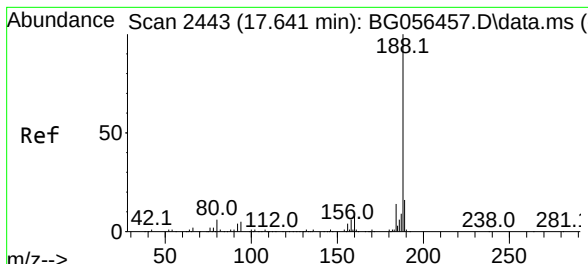
Ion Ratio Lower Upper

172 100

171 36.8 29.5 44.3

170 23.7 19.2 28.8

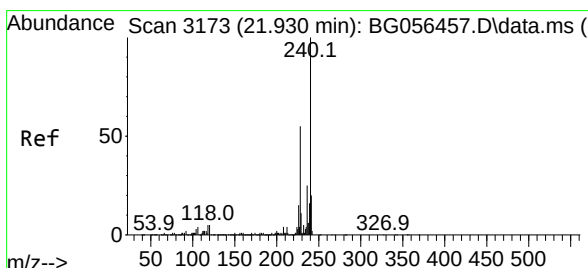
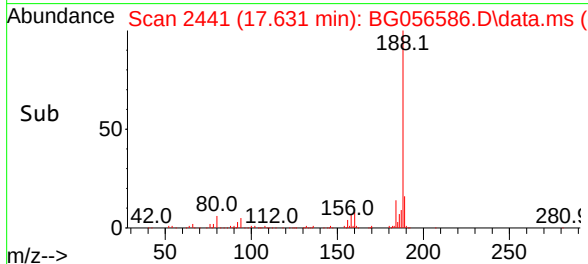
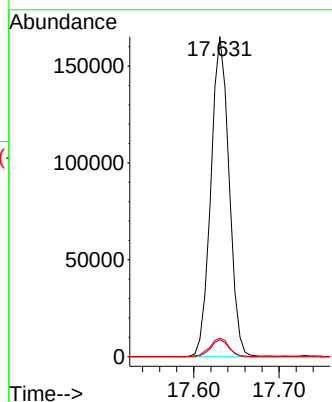
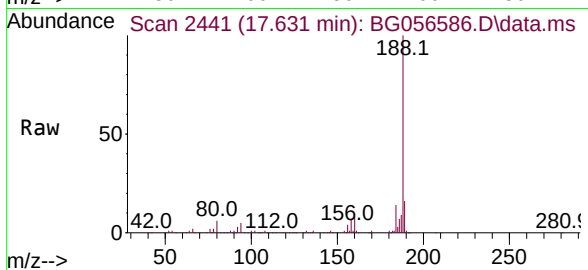




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.631 min Scan# 2443
Delta R.T. 0.002 min
Lab File: BG056586.D
Acq: 8 Feb 2023 17:55

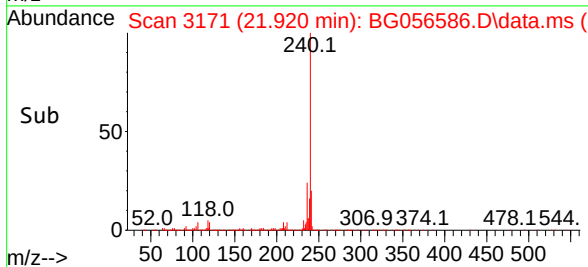
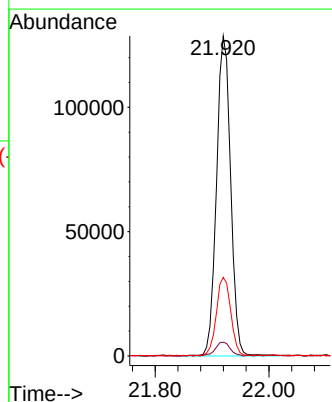
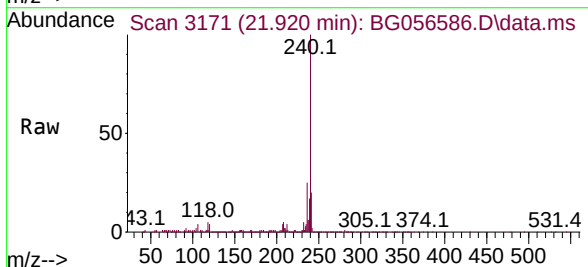
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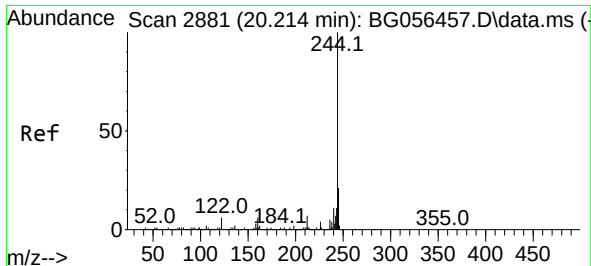
Tgt Ion:188 Resp: 244688
Ion Ratio Lower Upper
188 100
94 5.3 4.1 6.1
80 5.8 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.920 min Scan# 3171
Delta R.T. -0.004 min
Lab File: BG056586.D
Acq: 8 Feb 2023 17:55

Tgt Ion:240 Resp: 222122
Ion Ratio Lower Upper
240 100
120 4.3 3.8 5.8
236 24.5 20.2 30.2

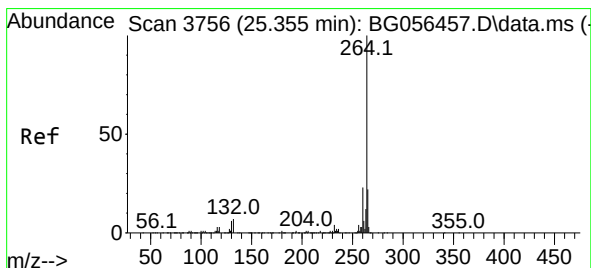
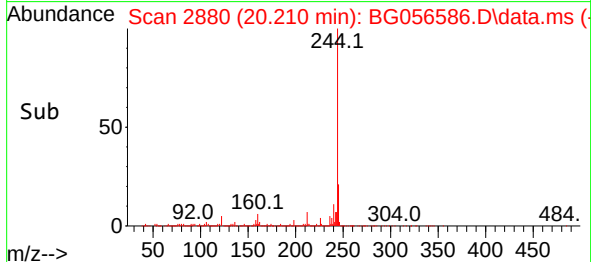
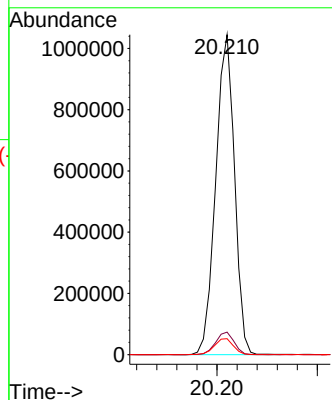
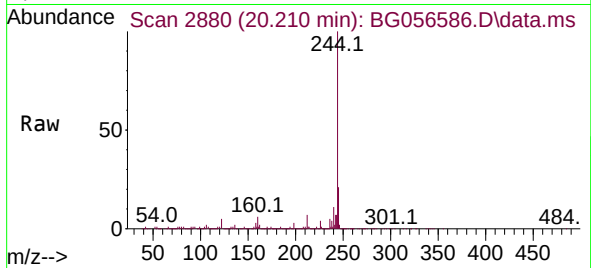




#79
 Terphenyl-d14
 Concen: 107.558 ng
 RT: 20.210 min Scan# 2881
 Delta R.T. 0.002 min
 Lab File: BG056586.D
 Acq: 8 Feb 2023 17:55

Instrument :
 BNA_G
 ClientSampleId :
 JPP-26-020323

Tgt Ion:244 Resp: 1360258
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.5 8.3
 122 5.0 4.4 6.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.351 min Scan# 3755
 Delta R.T. 0.013 min
 Lab File: BG056586.D
 Acq: 8 Feb 2023 17:55

Tgt Ion:264 Resp: 241050
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.2 27.4
 265 21.7 18.1 27.1

