

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
 Data File : BG056583.D
 Acq On : 8 Feb 2023 15:51
 Operator : CG/JU
 Sample : 01418-16
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JPP-22-020223

Quant Time: Feb 09 02:07:33 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	8.265	152	40340	20.000	ng	0.00
21) Naphthalene-d8	11.103	136	148654	20.000	ng	# 0.00
39) Acenaphthene-d10	14.893	164	28691	20.000	ng	# 0.00
64) Phenanthrene-d10	17.631	188	205276	20.000	ng	0.00
76) Chrysene-d12	21.926	240	162130	20.000	ng	0.00
86) Perylene-d12	25.351	264	33742	20.000	ng	# 0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.797	112	310769	141.716	ng	0.00
7) Phenol-d6	7.419	99	116872	35.970	ng	0.00
23) Nitrobenzene-d5	9.446	82	259216	99.019	ng	0.00
42) 2,4,6-Tribromophenol	16.379	330	206052	540.210	ng	0.00
45) 2-Fluorobiphenyl	13.518	172	801228	387.175	ng	0.00
79) Terphenyl-d14	20.210	244	1229170	133.157	ng	0.00

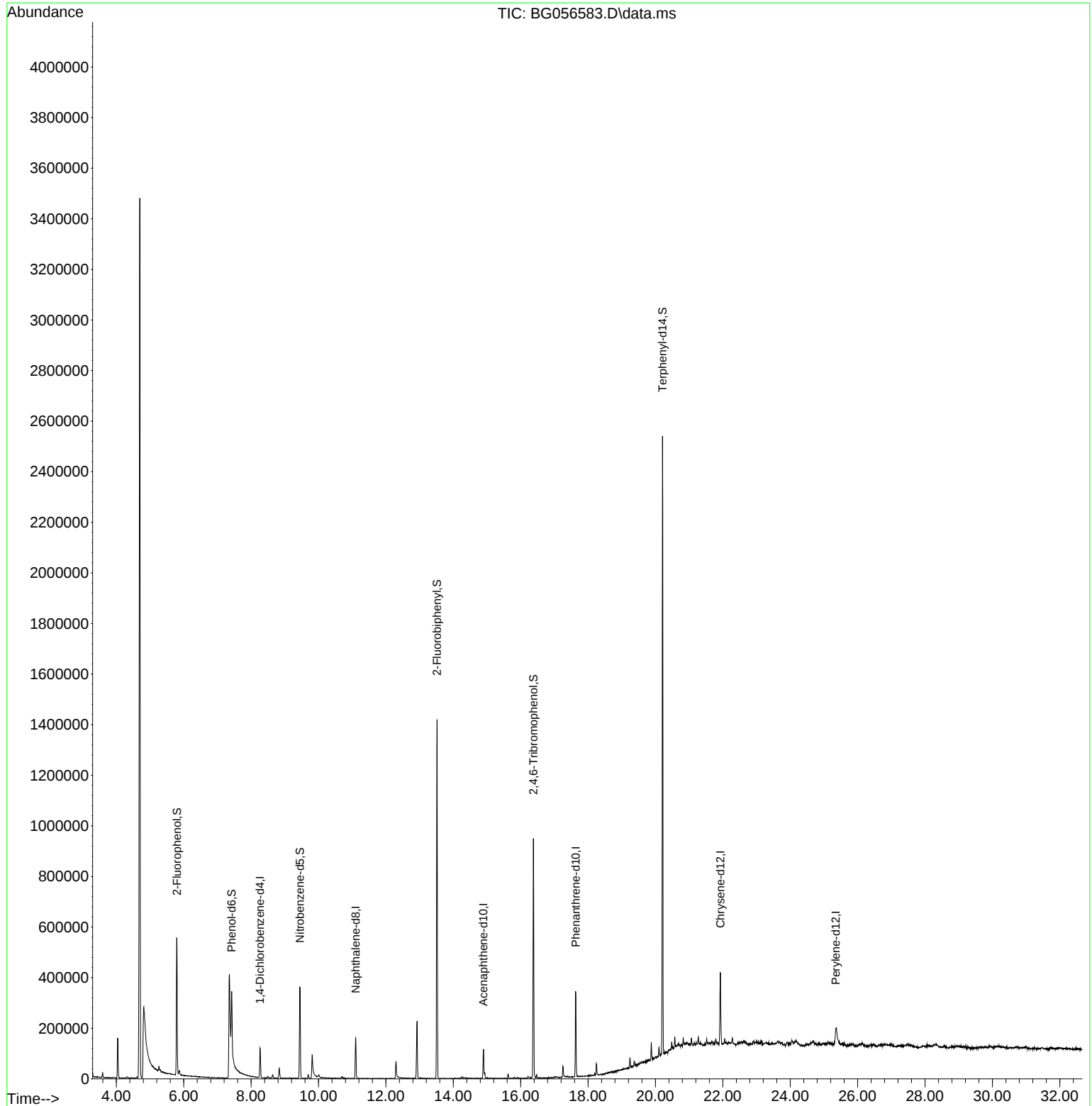
Target Compounds	Qvalue

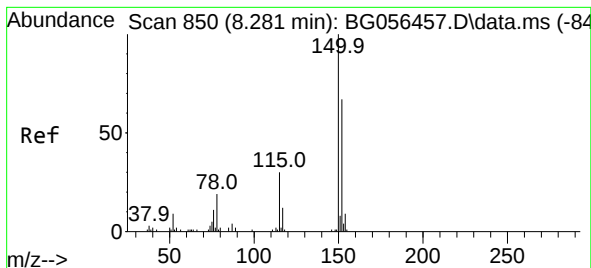
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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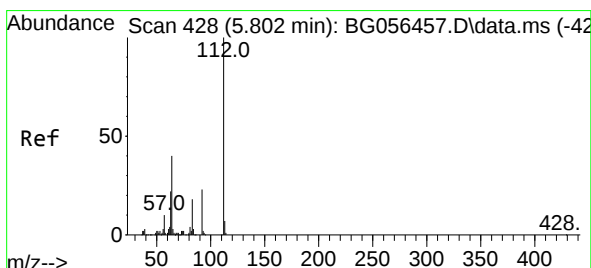
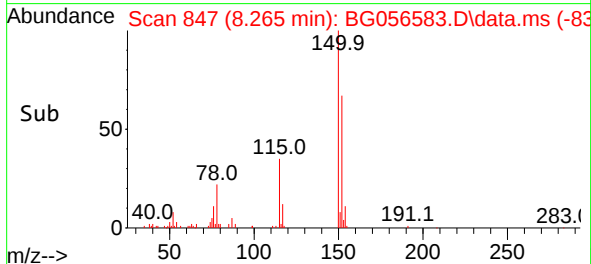
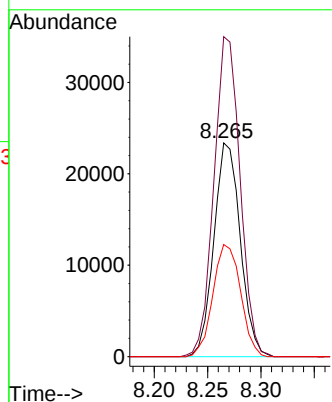
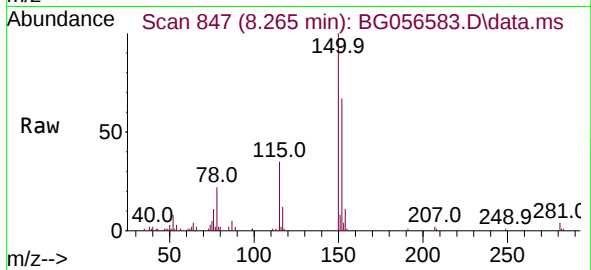




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.265 min Scan# 84
Delta R.T. -0.004 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

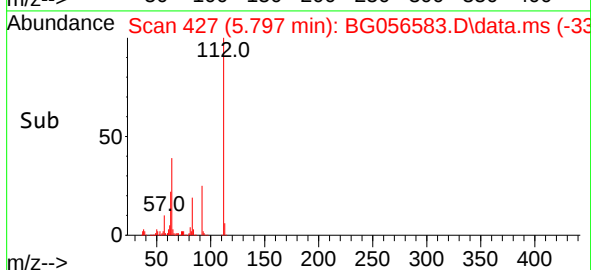
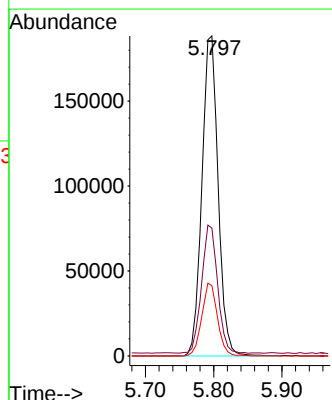
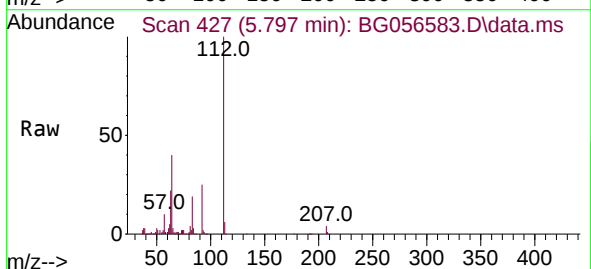
Instrument :
BNA_G
ClientSampleId :
JPP-22-020223

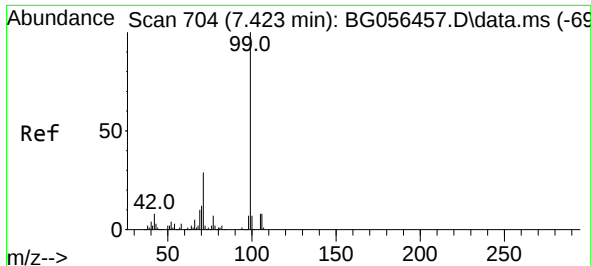
Tgt Ion:152 Resp: 40340
Ion Ratio Lower Upper
152 100
150 149.7 120.2 180.4
115 52.4 36.3 54.5



#5
2-Fluorophenol
Concen: 141.716 ng
RT: 5.797 min Scan# 427
Delta R.T. 0.007 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

Tgt Ion:112 Resp: 310769
Ion Ratio Lower Upper
112 100
64 39.9 31.9 47.9
63 22.0 17.4 26.0

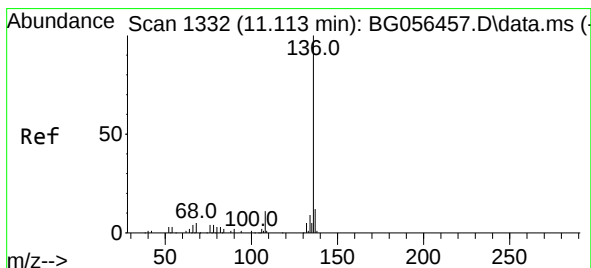
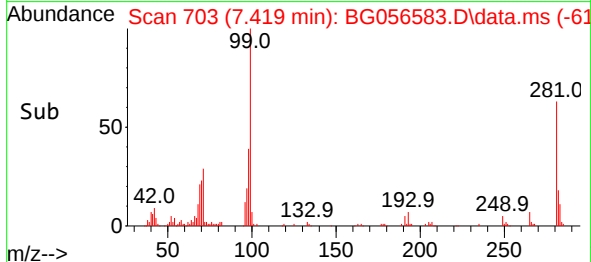
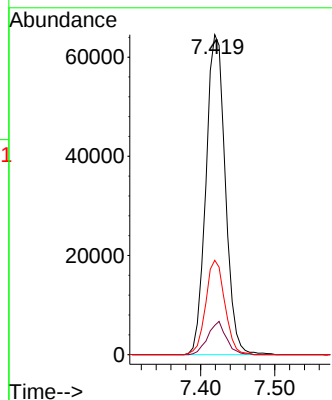
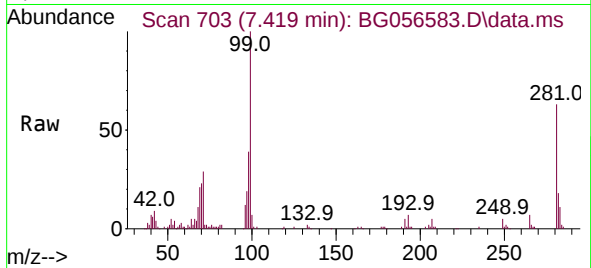




#7
Phenol-d6
Concen: 35.970 ng
RT: 7.419 min Scan# 704
Delta R.T. 0.001 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

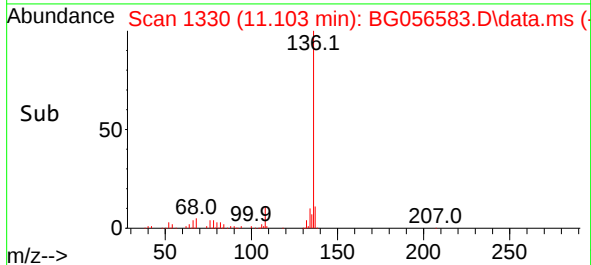
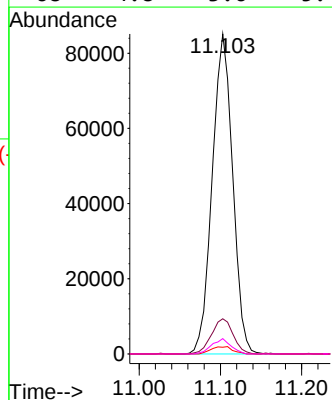
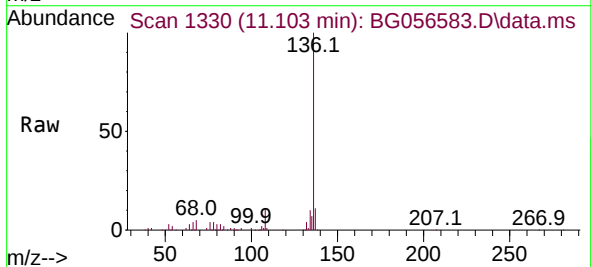
Instrument :
BNA_G
ClientSampleId :
JPP-22-020223

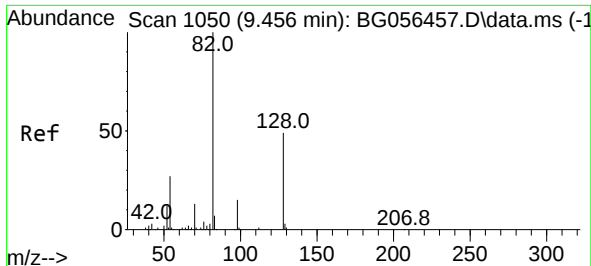
Tgt Ion: 99 Resp: 116872
Ion Ratio Lower Upper
99 100
42 9.1 6.6 10.0
71 29.5 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.103 min Scan# 1330
Delta R.T. 0.001 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

Tgt Ion: 136 Resp: 148654
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 2.1 2.2 3.4#
68 4.8 3.6 5.4





#23

Nitrobenzene-d5

Concen: 99.019 ng

RT: 9.446 min Scan# 1048

Delta R.T. 0.001 min

Lab File: BG056583.D

Acq: 8 Feb 2023 15:51

Instrument :

BNA_G

ClientSampleId :

JPP-22-020223

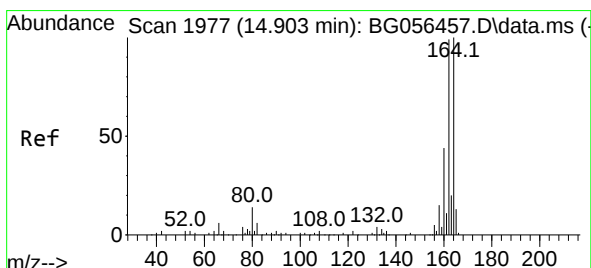
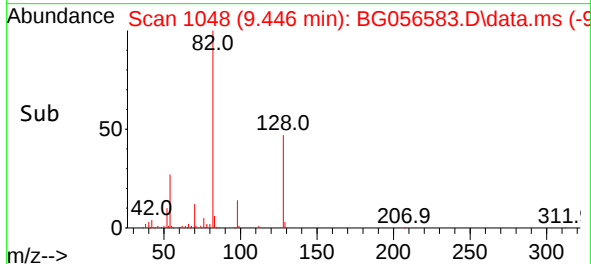
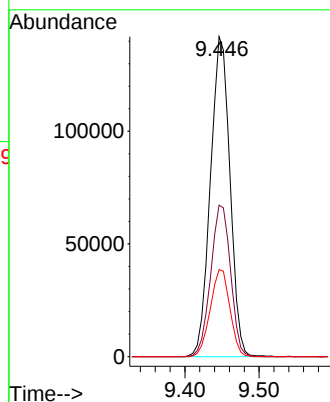
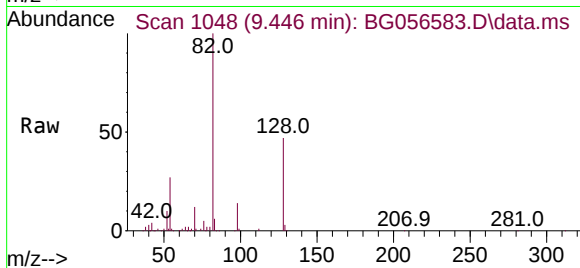
Tgt Ion: 82 Resp: 259216

Ion Ratio Lower Upper

82 100

128 47.3 39.4 59.2

54 27.2 21.4 32.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.893 min Scan# 1975

Delta R.T. 0.001 min

Lab File: BG056583.D

Acq: 8 Feb 2023 15:51

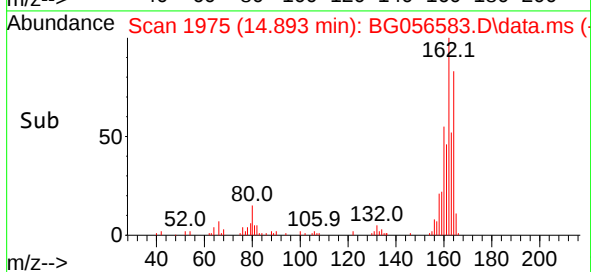
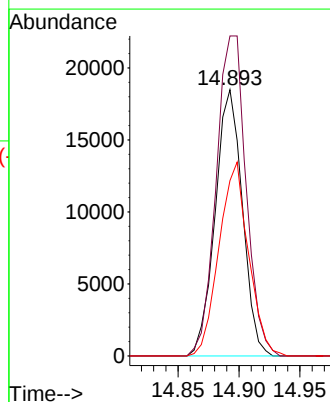
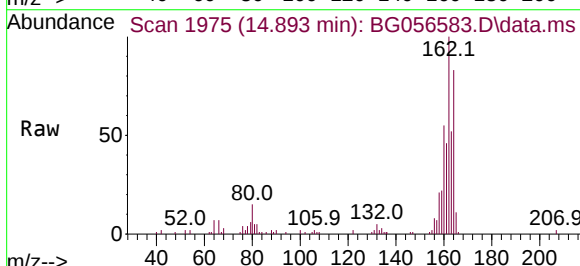
Tgt Ion: 164 Resp: 28691

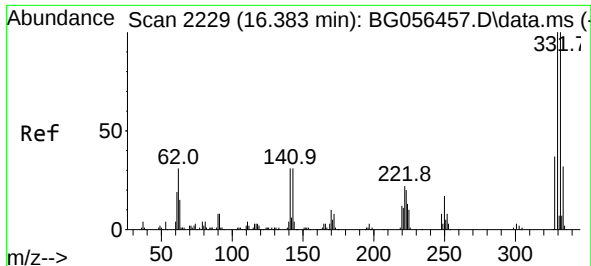
Ion Ratio Lower Upper

164 100

162 120.2 79.6 119.4#

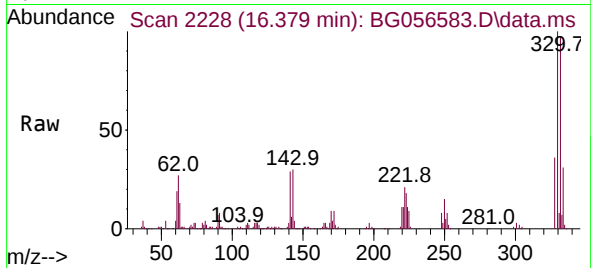
160 65.8 34.9 52.3#



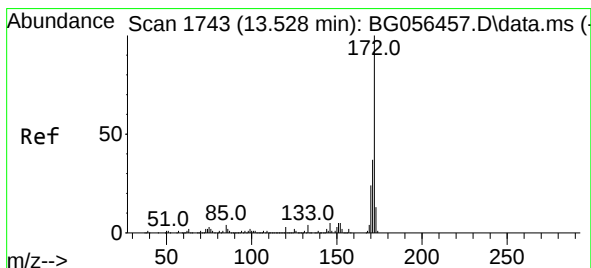
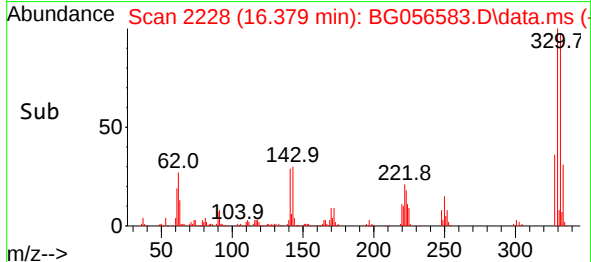
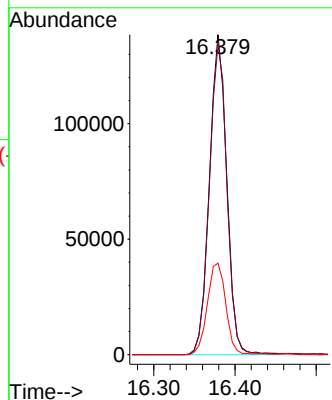


#42
2,4,6-Tribromophenol
Concen: 540.210 ng
RT: 16.379 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

Instrument :
BNA_G
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JPP-22-020223

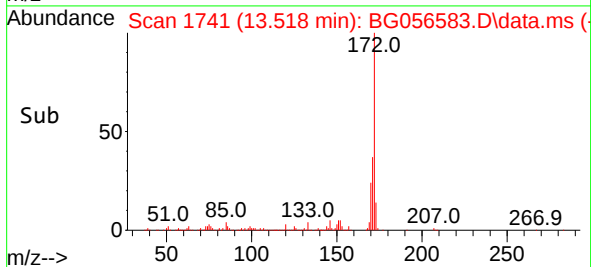
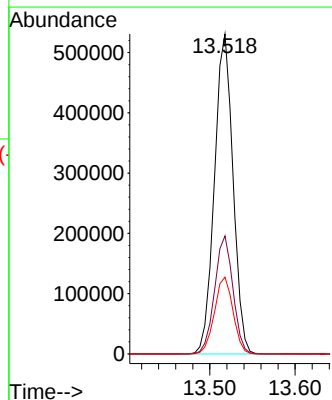
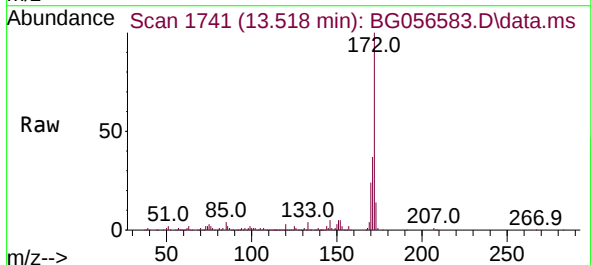


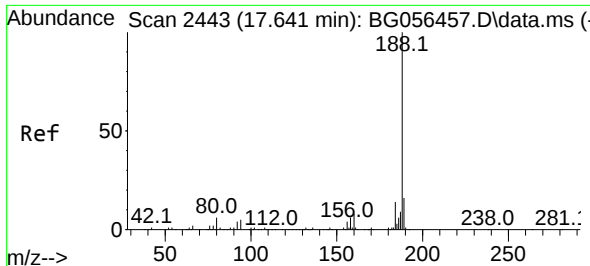
Tgt Ion:330 Resp: 206052
Ion Ratio Lower Upper
330 100
332 97.6 79.0 118.6
141 30.4 24.2 36.4



#45
2-Fluorobiphenyl
Concen: 387.175 ng
RT: 13.518 min Scan# 1741
Delta R.T. 0.001 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

Tgt Ion:172 Resp: 801228
Ion Ratio Lower Upper
172 100
171 36.9 29.5 44.3
170 24.0 19.2 28.8

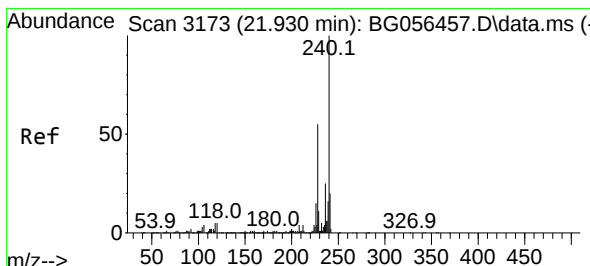
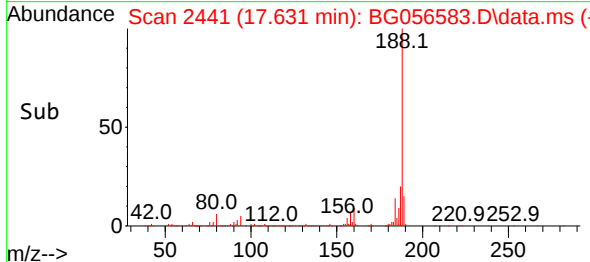
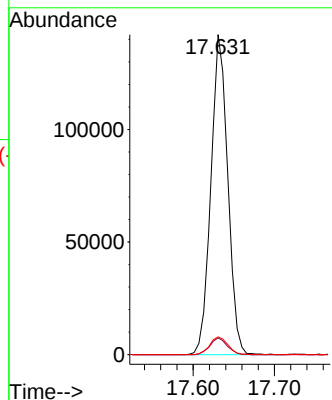
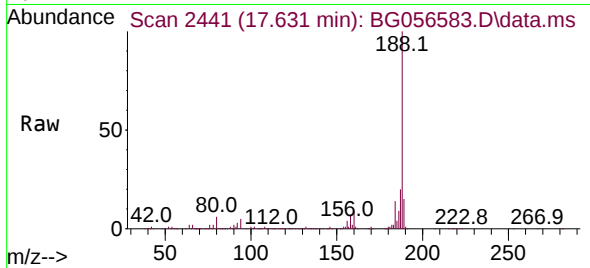




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.631 min Scan# 2441
Delta R.T. 0.001 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

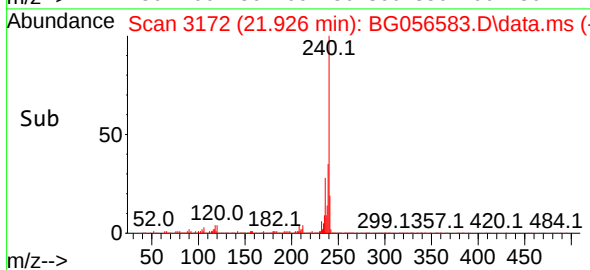
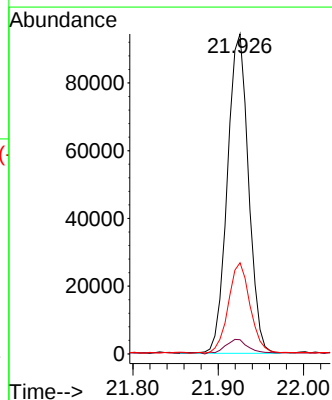
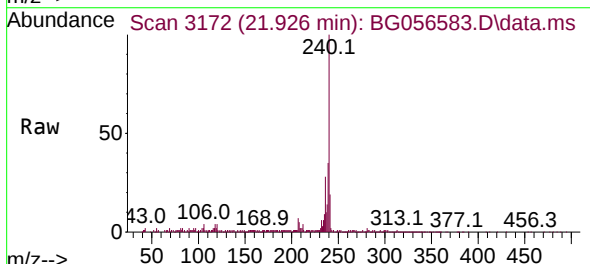
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ClientSampleId :
JPP-22-020223

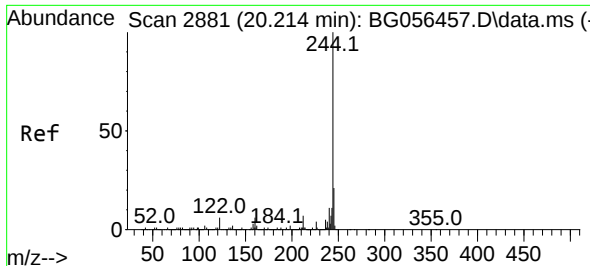
Tgt Ion:188 Resp: 205276
Ion Ratio Lower Upper
188 100
94 5.2 4.1 6.1
80 5.5 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.926 min Scan# 3172
Delta R.T. 0.001 min
Lab File: BG056583.D
Acq: 8 Feb 2023 15:51

Tgt Ion:240 Resp: 162130
Ion Ratio Lower Upper
240 100
120 4.4 3.8 5.8
236 28.5 20.2 30.2

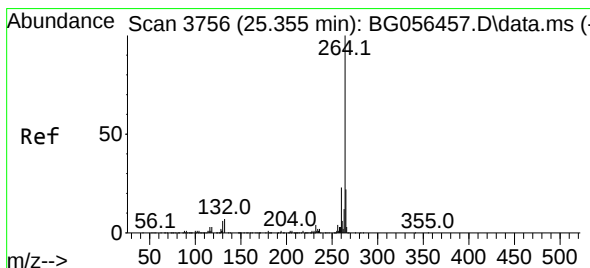
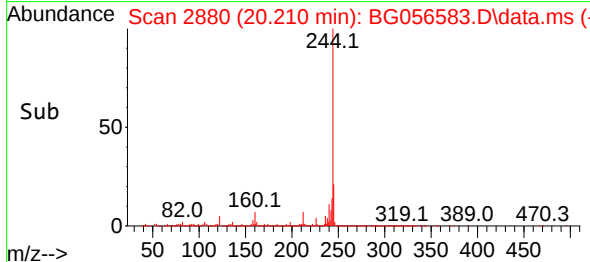
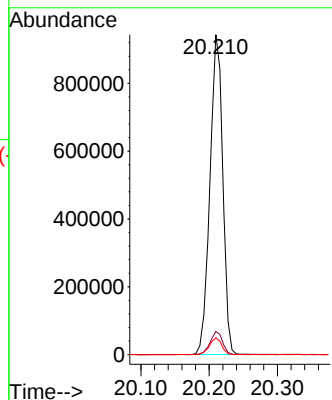
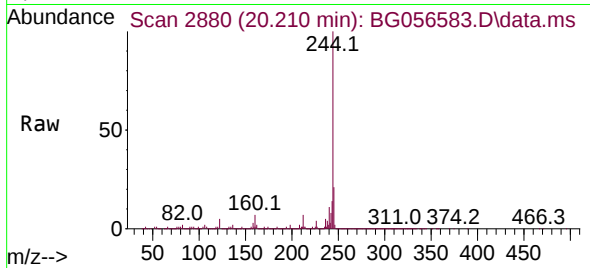




#79
 Terphenyl-d14
 Concen: 133.157 ng
 RT: 20.210 min Scan# 2881
 Delta R.T. 0.001 min
 Lab File: BG056583.D
 Acq: 8 Feb 2023 15:51

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion:244 Resp: 1229170
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 5.2 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: BG056583.D
 Acq: 8 Feb 2023 15:51

Tgt Ion:264 Resp: 33742
 Ion Ratio Lower Upper
 264 100
 260 41.3 18.2 27.4#
 265 24.4 18.1 27.1

