

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
 Data File : BG056585.D
 Acq On : 8 Feb 2023 17:14
 Operator : CG/JU
 Sample : 01418-12
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JPP-20-020223

Quant Time: Feb 09 02:07:59 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	8.270	152	42144	20.000	ng	0.00
21) Naphthalene-d8	11.102	136	158870	20.000	ng	0.00
39) Acenaphthene-d10	14.892	164	116945	20.000	ng	0.00
64) Phenanthrene-d10	17.630	188	261627	20.000	ng	0.00
76) Chrysene-d12	21.925	240	235058	20.000	ng	0.00
86) Perylene-d12	25.350	264	255131	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.796	112	326379	142.464	ng	0.00
7) Phenol-d6	7.424	99	401778	118.363	ng	0.00
23) Nitrobenzene-d5	9.451	82	263760	94.276	ng	0.00
42) 2,4,6-Tribromophenol	16.378	330	210188	135.194	ng	0.00
45) 2-Fluorobiphenyl	13.517	172	843233	99.968	ng	0.00
79) Terphenyl-d14	20.209	244	1385708	103.541	ng	0.00

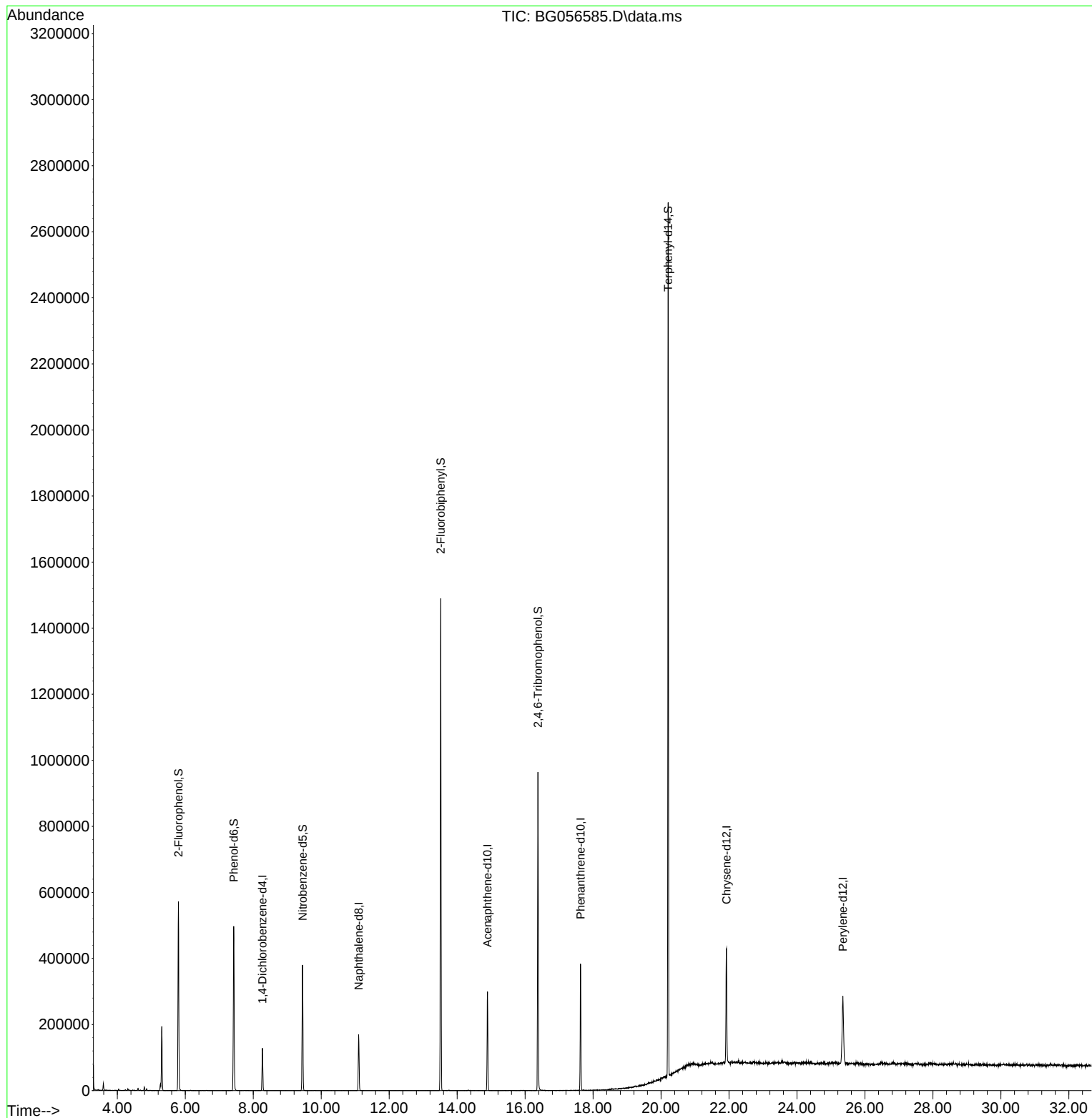
Target Compounds Qvalue

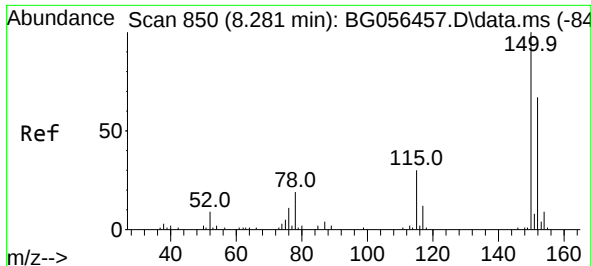
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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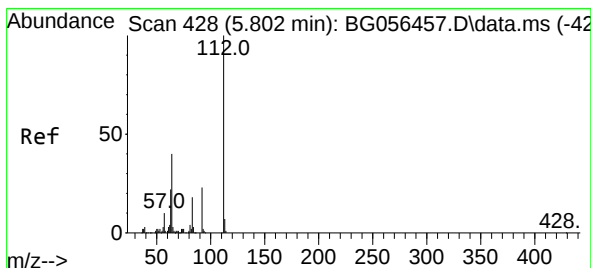
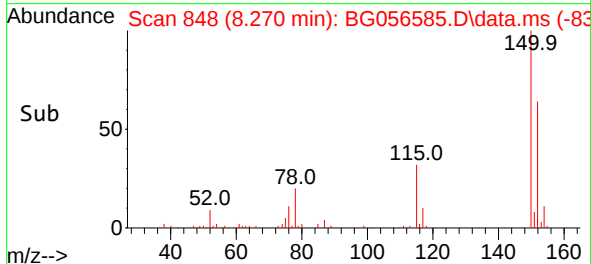
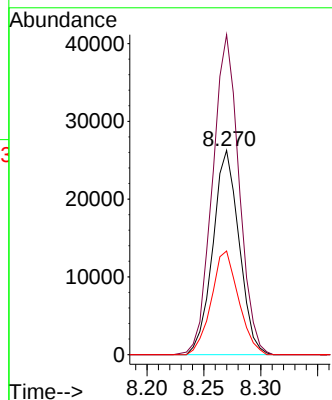
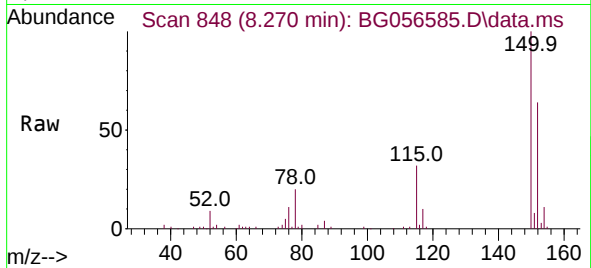




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.270 min Scan# 84
Delta R.T. 0.001 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

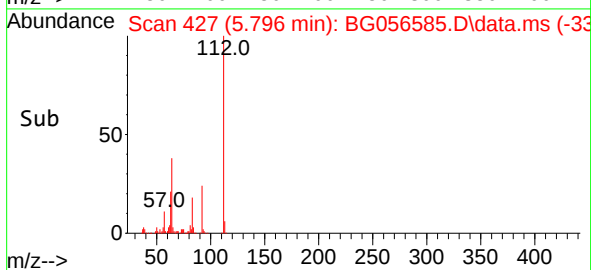
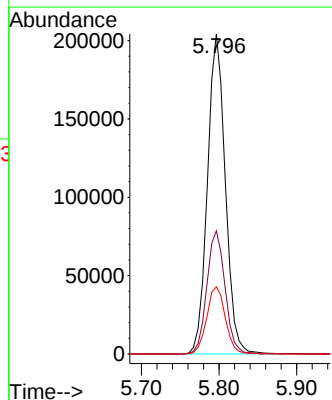
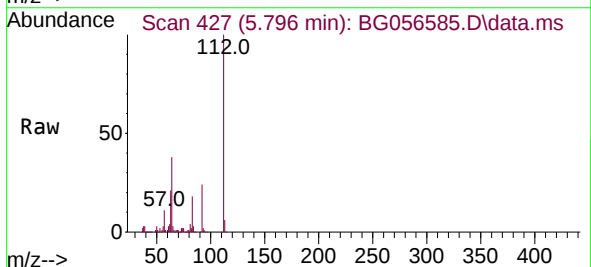
Instrument :
BNA_G
ClientSampleId :
JPP-20-020223

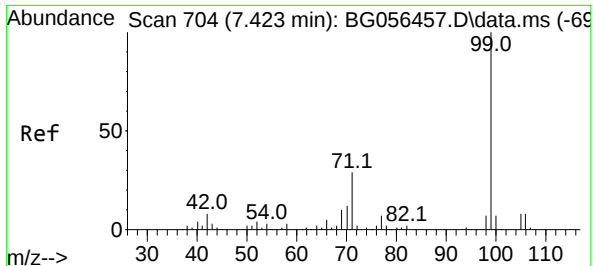
Tgt Ion:152 Resp: 42144
Ion Ratio Lower Upper
152 100
150 156.7 120.2 180.4
115 50.7 36.3 54.5



#5
2-Fluorophenol
Concen: 142.464 ng
RT: 5.796 min Scan# 427
Delta R.T. 0.006 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Tgt Ion:112 Resp: 326379
Ion Ratio Lower Upper
112 100
64 38.5 31.9 47.9
63 21.0 17.4 26.0

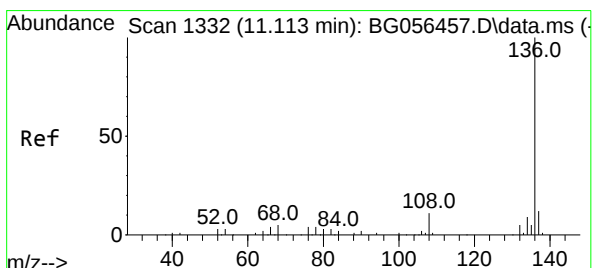
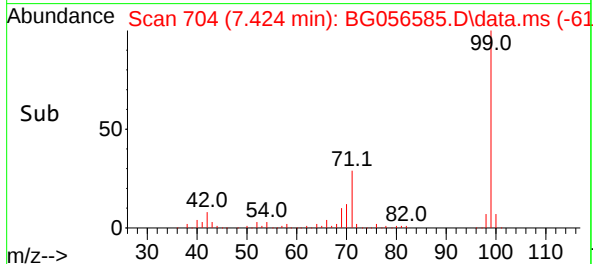
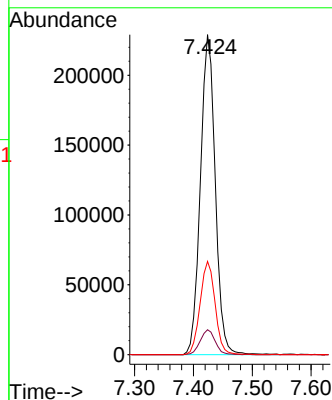
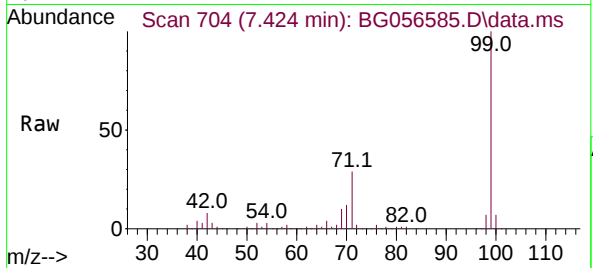




#7
Phenol-d6
Concen: 118.363 ng
RT: 7.424 min Scan# 704
Delta R.T. 0.006 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

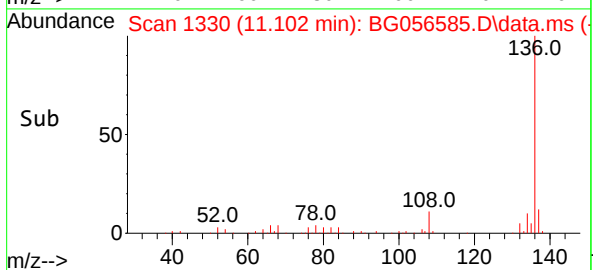
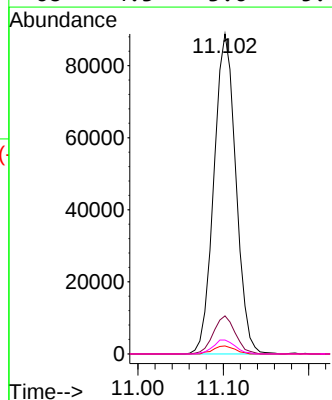
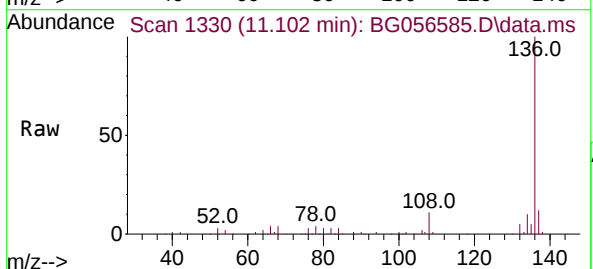
Instrument :
BNA_G
ClientSampleId :
JPP-20-020223

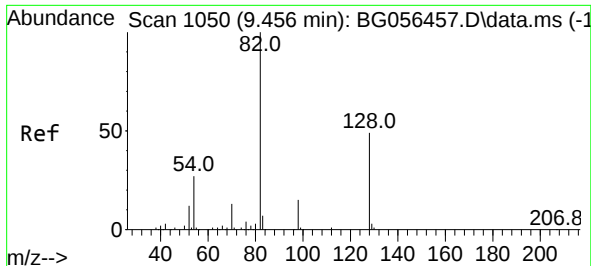
Tgt Ion: 99 Resp: 401778
Ion Ratio Lower Upper
99 100
42 7.8 6.6 10.0
71 29.1 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.102 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Tgt Ion:136 Resp: 158870
Ion Ratio Lower Upper
136 100
137 11.9 9.4 14.0
54 2.5 2.2 3.4
68 4.3 3.6 5.4





#23

Nitrobenzene-d5

Concen: 94.276 ng

RT: 9.451 min Scan# 1049

Delta R.T. 0.006 min

Lab File: BG056585.D

Acq: 8 Feb 2023 17:14

Instrument :

BNA_G

ClientSampleId :

JPP-20-020223

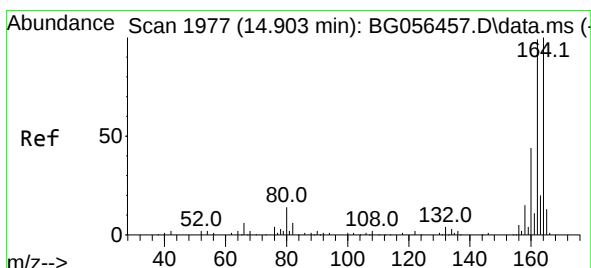
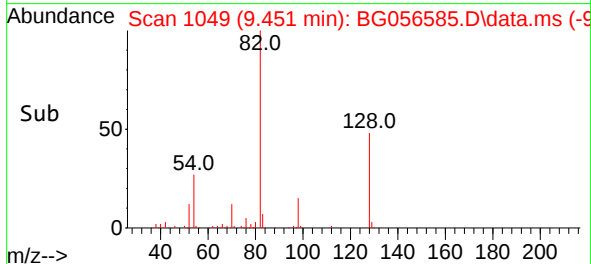
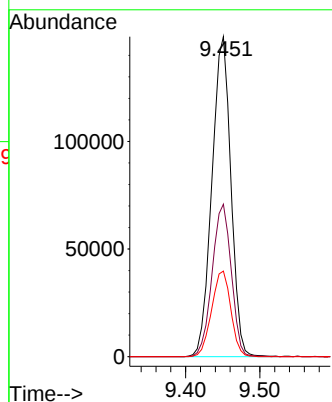
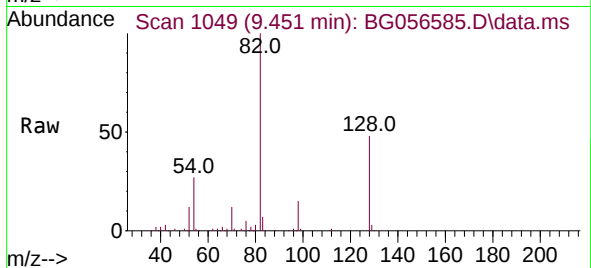
Tgt Ion: 82 Resp: 263760

Ion Ratio Lower Upper

82 100

128 47.6 39.4 59.2

54 26.7 21.4 32.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.892 min Scan# 1975

Delta R.T. 0.000 min

Lab File: BG056585.D

Acq: 8 Feb 2023 17:14

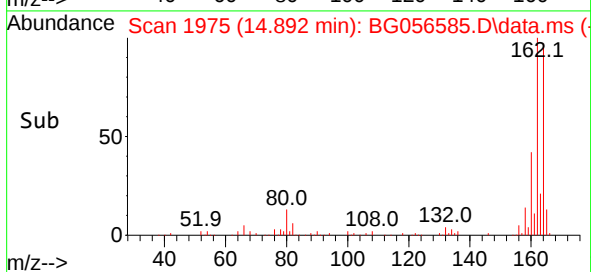
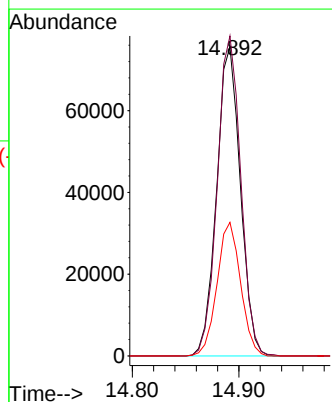
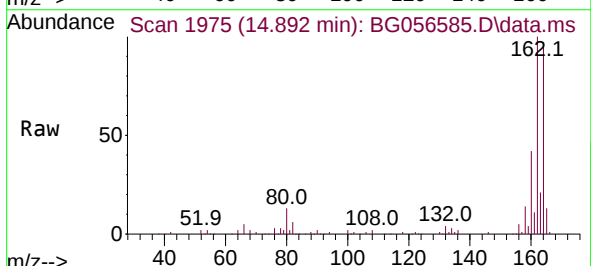
Tgt Ion: 164 Resp: 116945

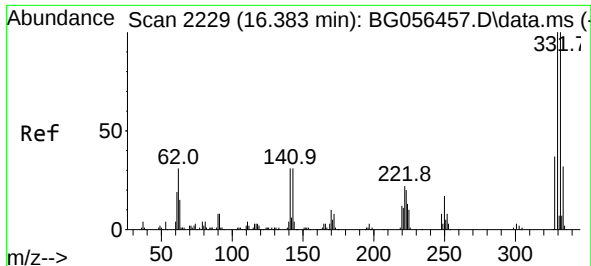
Ion Ratio Lower Upper

164 100

162 103.5 79.6 119.4

160 43.2 34.9 52.3





#42

2,4,6-Tribromophenol

Concen: 135.194 ng

RT: 16.378 min Scan# 21

Delta R.T. 0.000 min

Lab File: BG056585.D

Acq: 8 Feb 2023 17:14

Instrument :

BNA_G

ClientSampleId :

JPP-20-020223

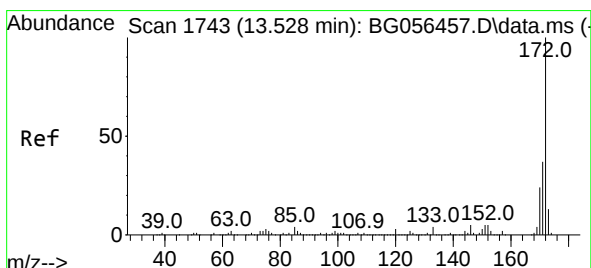
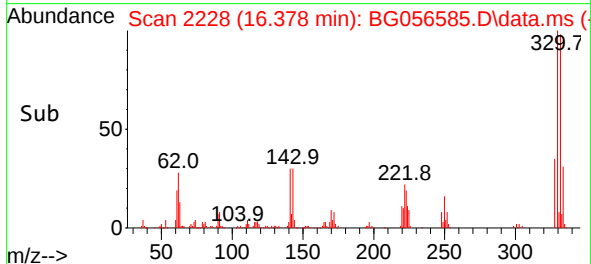
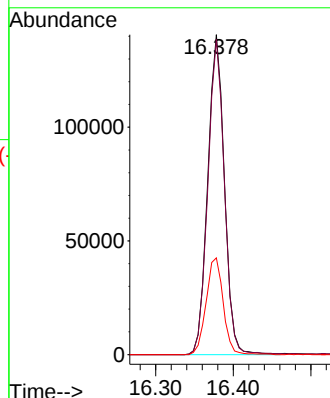
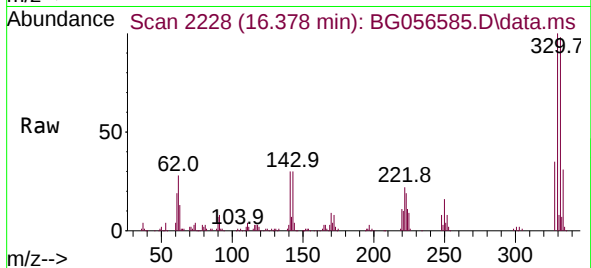
Tgt Ion:330 Resp: 210188

Ion Ratio Lower Upper

330 100

332 97.8 79.0 118.6

141 30.9 24.2 36.4



#45

2-Fluorobiphenyl

Concen: 99.968 ng

RT: 13.517 min Scan# 1741

Delta R.T. 0.000 min

Lab File: BG056585.D

Acq: 8 Feb 2023 17:14

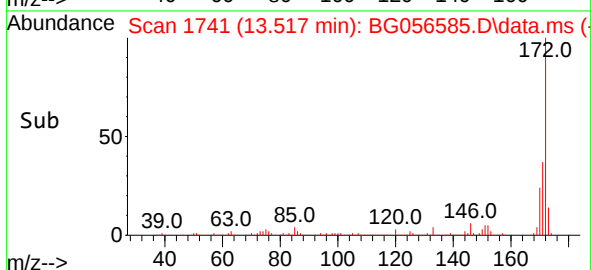
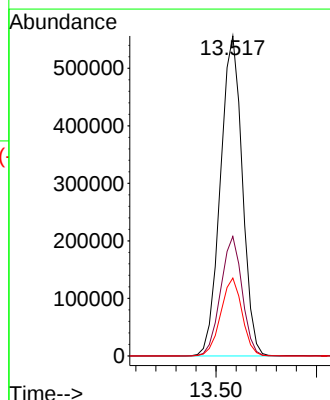
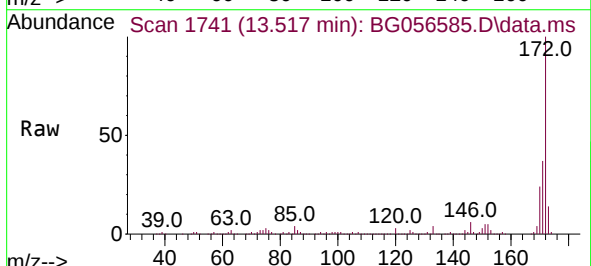
Tgt Ion:172 Resp: 843233

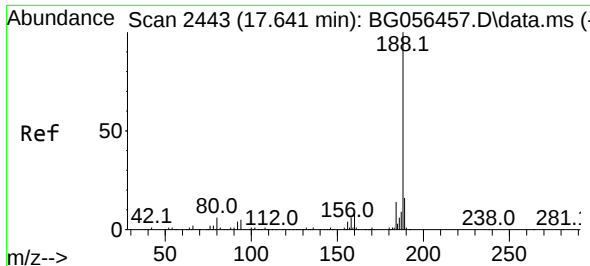
Ion Ratio Lower Upper

172 100

171 37.3 29.5 44.3

170 24.3 19.2 28.8

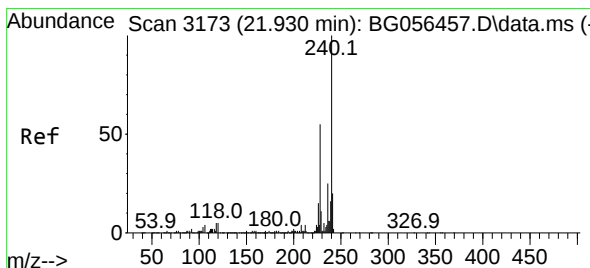
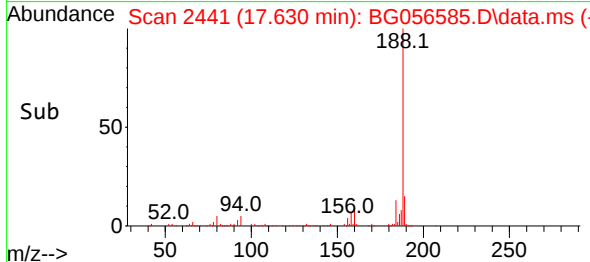
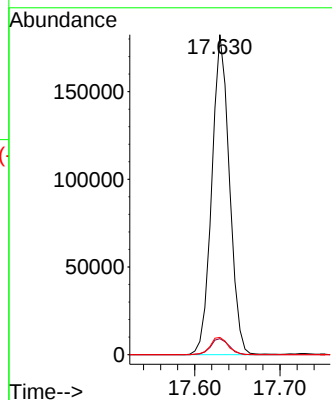
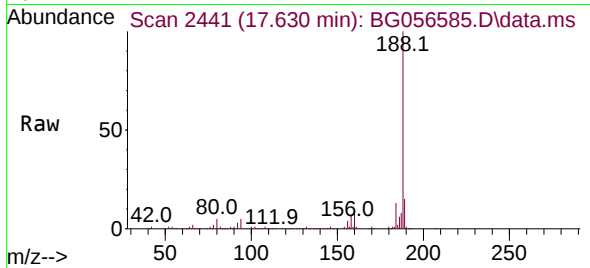




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.630 min Scan# 2441
Delta R.T. 0.000 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

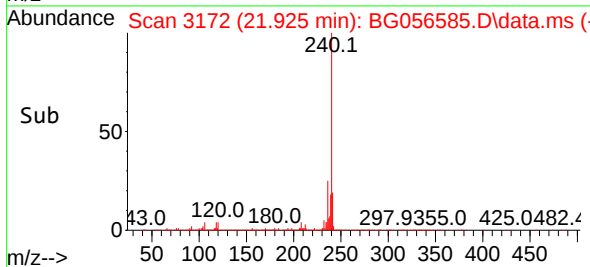
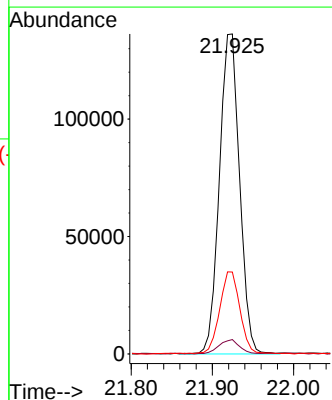
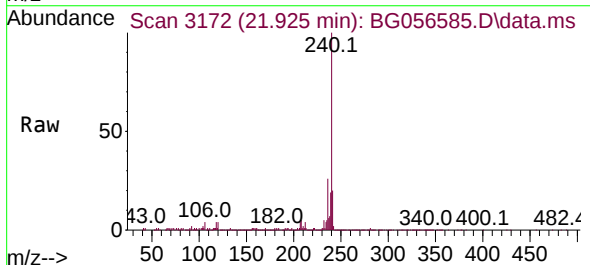
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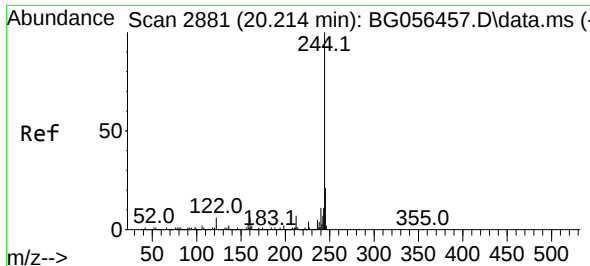
Tgt Ion:188 Resp: 261627
Ion Ratio Lower Upper
188 100
94 5.0 4.1 6.1
80 5.4 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.925 min Scan# 3172
Delta R.T. 0.000 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Tgt Ion:240 Resp: 235058
Ion Ratio Lower Upper
240 100
120 4.5 3.8 5.8
236 25.6 20.2 30.2

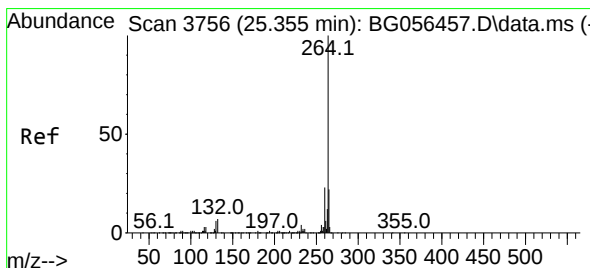
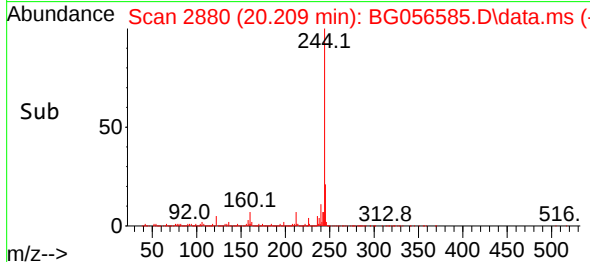
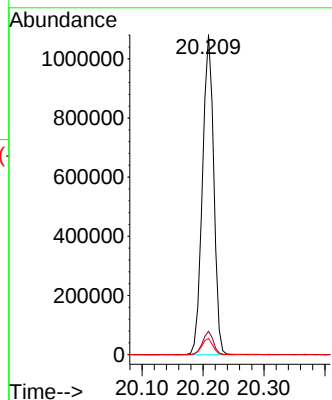
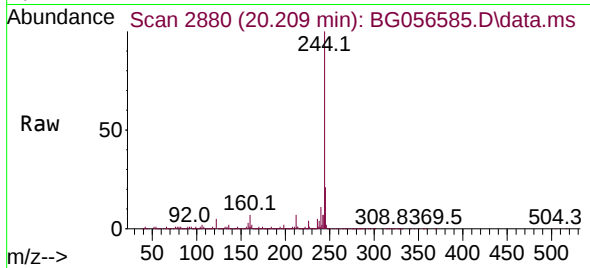




#79
Terphenyl-d14
Concen: 103.541 ng
RT: 20.209 min Scan# 2881
Delta R.T. 0.000 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Instrument :
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ClientSampleId :
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Tgt Ion:244 Resp: 1385708
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 5.0 4.4 6.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.350 min Scan# 3755
Delta R.T. 0.012 min
Lab File: BG056585.D
Acq: 8 Feb 2023 17:14

Tgt Ion:264 Resp: 255131
Ion Ratio Lower Upper
264 100
260 23.9 18.2 27.4
265 22.2 18.1 27.1

