

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG020823\
 Data File : BG056584.D
 Acq On : 8 Feb 2023 16:33
 Operator : CG/JU
 Sample : 01418-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JPP-18A-020223

Quant Time: Feb 09 02:07:46 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	8.268	152	42023	20.000	ng	0.00
21) Naphthalene-d8	11.106	136	161522	20.000	ng	# 0.00
39) Acenaphthene-d10	14.889	164	118034	20.000	ng	0.00
64) Phenanthrene-d10	17.633	188	267428	20.000	ng	0.00
76) Chrysene-d12	21.922	240	242377	20.000	ng	0.00
86) Perylene-d12	25.354	264	266690	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.800	112	327691	143.448	ng	0.00
7) Phenol-d6	7.427	99	403399	119.183	ng	0.00
23) Nitrobenzene-d5	9.449	82	265961	93.502	ng	0.00
42) 2,4,6-Tribromophenol	16.376	330	209277	133.366	ng	0.00
45) 2-Fluorobiphenyl	13.514	172	826319	97.059	ng	0.00
79) Terphenyl-d14	20.207	244	1370936	99.344	ng	0.00

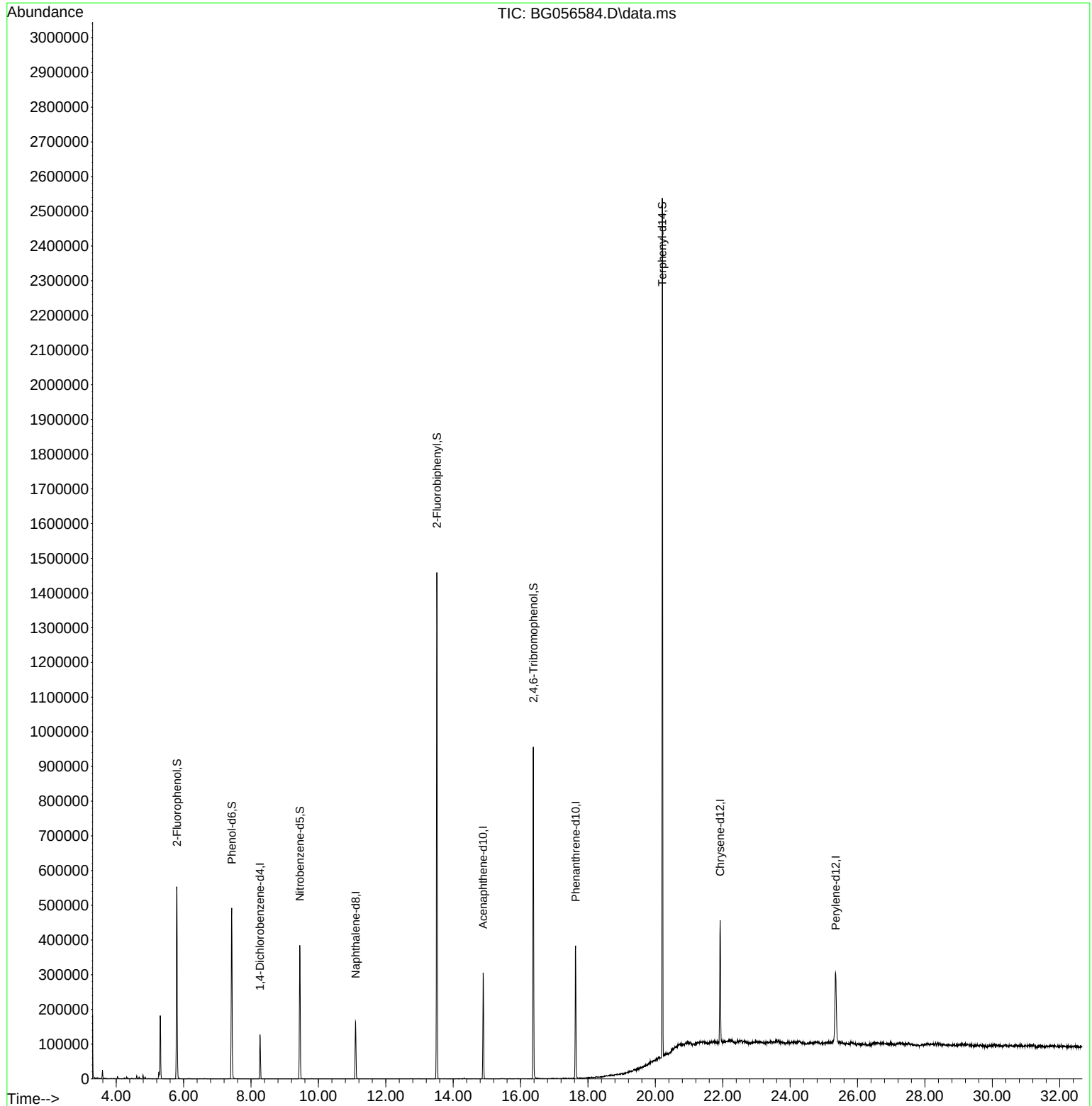
Target Compounds Qvalue

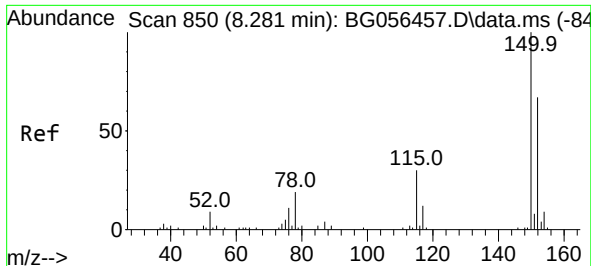
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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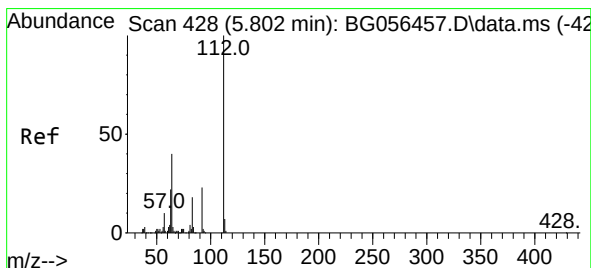
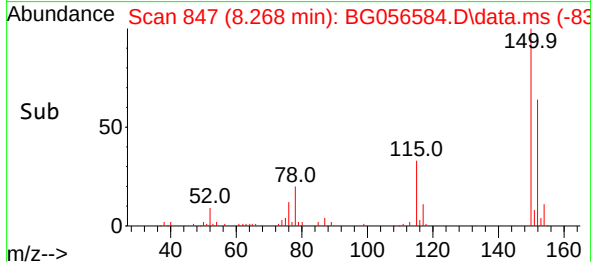
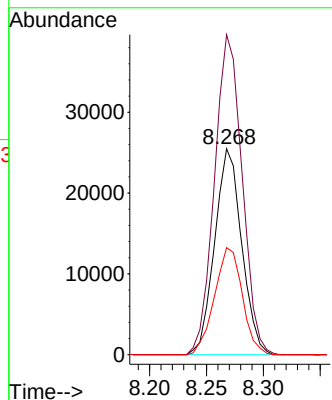
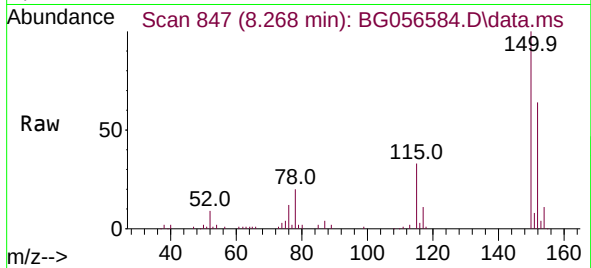




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.268 min Scan# 84
Delta R.T. -0.001 min
Lab File: BG056584.D
Acq: 8 Feb 2023 16:33

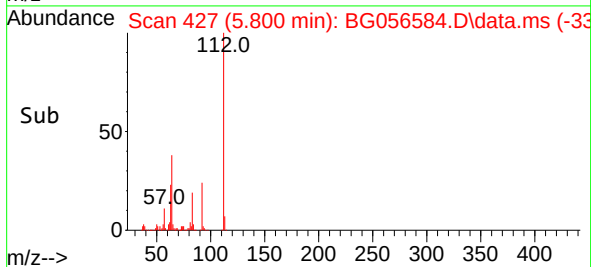
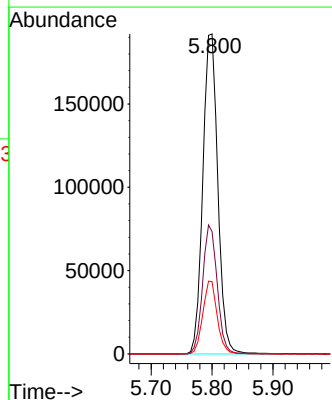
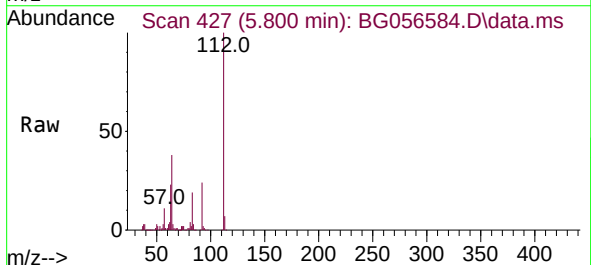
Instrument :
BNA_G
ClientSampleId :
JPP-18A-020223

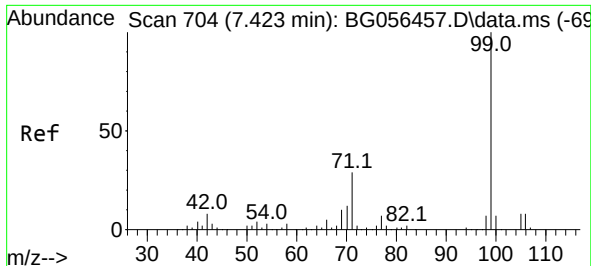
Tgt Ion:152 Resp: 42023
Ion Ratio Lower Upper
152 100
150 155.4 120.2 180.4
115 52.0 36.3 54.5



#5
2-Fluorophenol
Concen: 143.448 ng
RT: 5.800 min Scan# 427
Delta R.T. 0.010 min
Lab File: BG056584.D
Acq: 8 Feb 2023 16:33

Tgt Ion:112 Resp: 327691
Ion Ratio Lower Upper
112 100
64 38.2 31.9 47.9
63 22.6 17.4 26.0

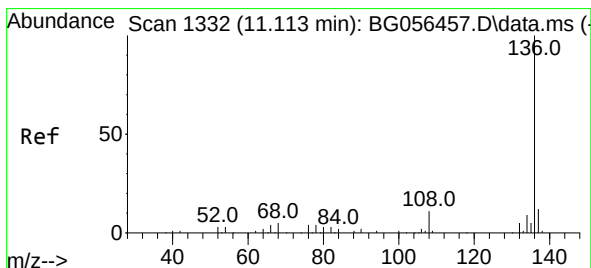
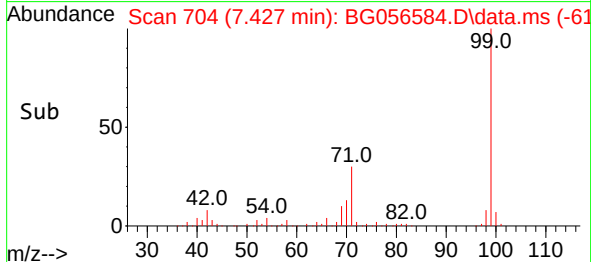
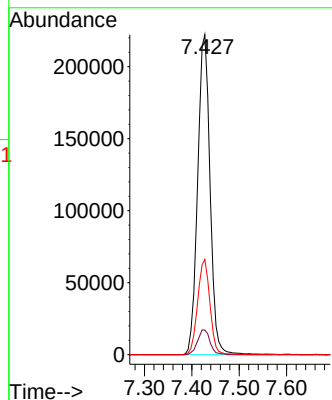
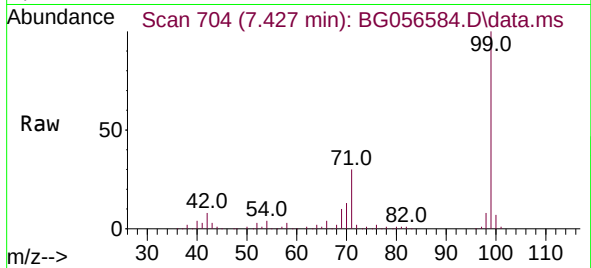




#7
Phenol-d6
Concen: 119.183 ng
RT: 7.427 min Scan# 704
Delta R.T. 0.010 min
Lab File: BG056584.D
Acq: 8 Feb 2023 16:33

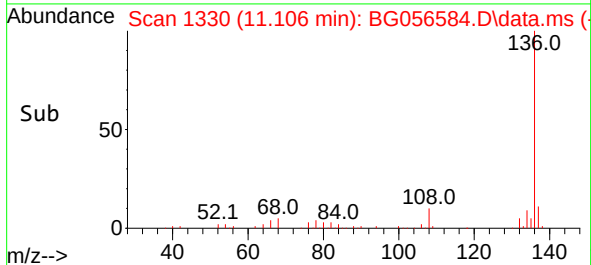
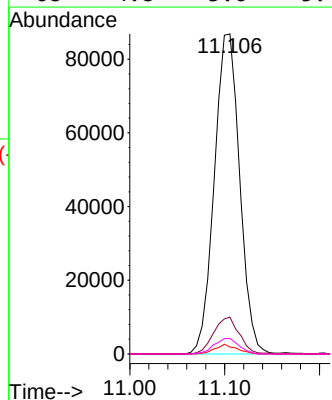
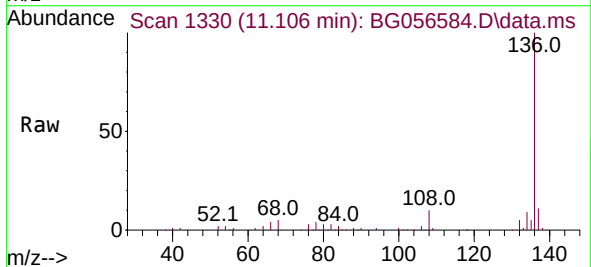
Instrument :
BNA_G
ClientSampleId :
JPP-18A-020223

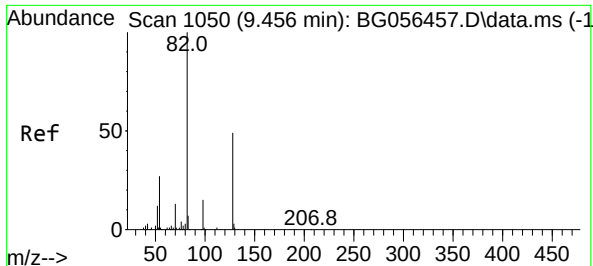
Tgt Ion: 99 Resp: 403399
Ion Ratio Lower Upper
99 100
42 7.7 6.6 10.0
71 29.7 23.4 35.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.106 min Scan# 1330
Delta R.T. 0.004 min
Lab File: BG056584.D
Acq: 8 Feb 2023 16:33

Tgt Ion:136 Resp: 161522
Ion Ratio Lower Upper
136 100
137 11.5 9.4 14.0
54 2.1 2.2 3.4#
68 4.8 3.6 5.4





#23

Nitrobenzene-d5

Concen: 93.502 ng

RT: 9.449 min Scan# 1048

Delta R.T. 0.004 min

Lab File: BG056584.D

Acq: 8 Feb 2023 16:33

Instrument :

BNA_G

ClientSampleId :

JPP-18A-020223

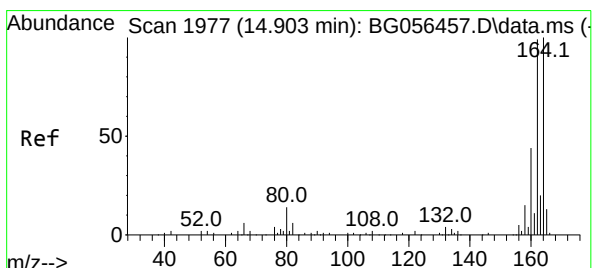
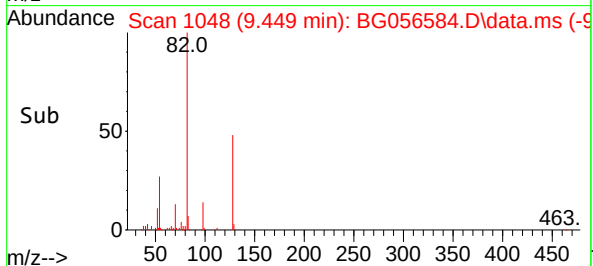
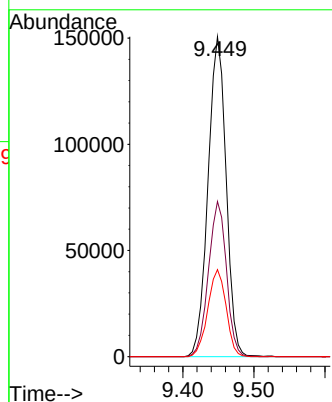
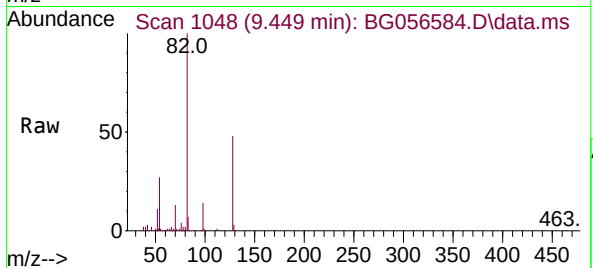
Tgt Ion: 82 Resp: 265961

Ion Ratio Lower Upper

82 100

128 48.5 39.4 59.2

54 27.2 21.4 32.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.889 min Scan# 1974

Delta R.T. -0.002 min

Lab File: BG056584.D

Acq: 8 Feb 2023 16:33

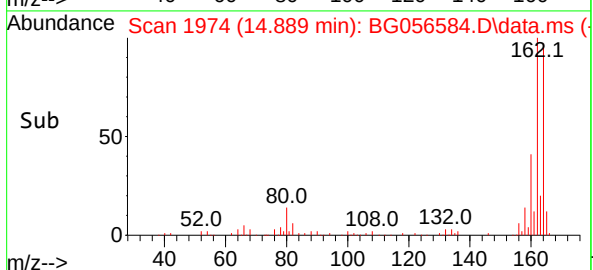
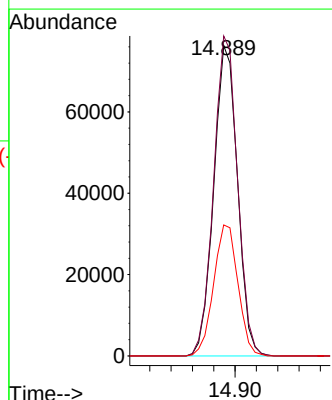
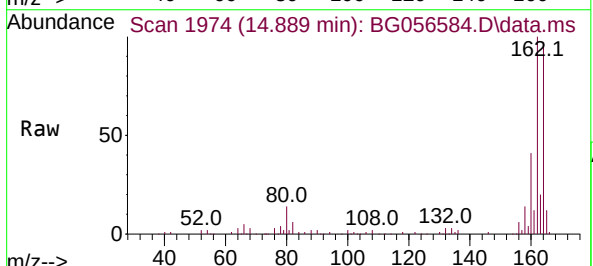
Tgt Ion:164 Resp: 118034

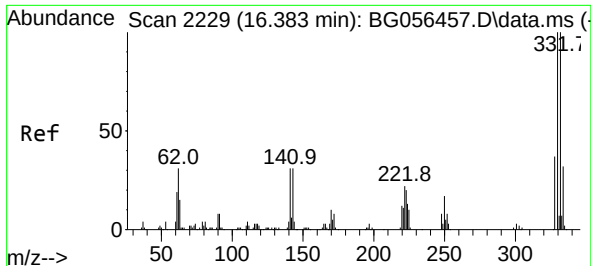
Ion Ratio Lower Upper

164 100

162 103.1 79.6 119.4

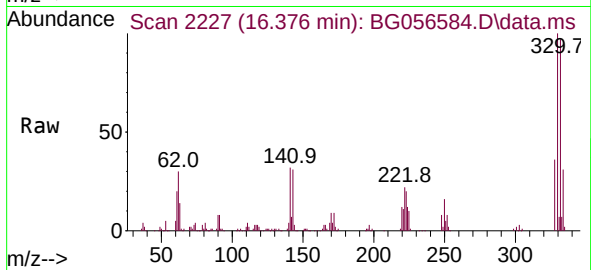
160 42.2 34.9 52.3



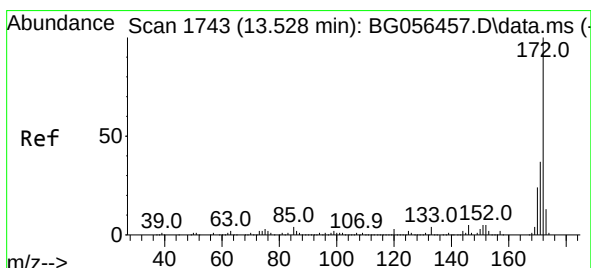
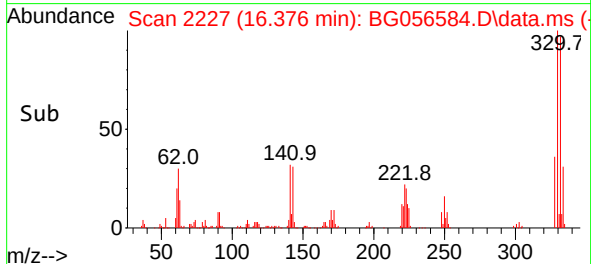
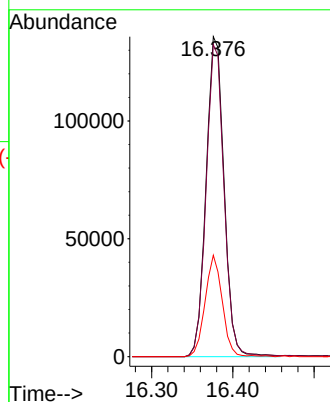


#42
2,4,6-Tribromophenol
Concen: 133.366 ng
RT: 16.376 min Scan# 21
Delta R.T. -0.002 min
Lab File: BG056584.D
Acq: 8 Feb 2023 16:33

Instrument :
BNA_G
ClientSampleId :
JPP-18A-020223

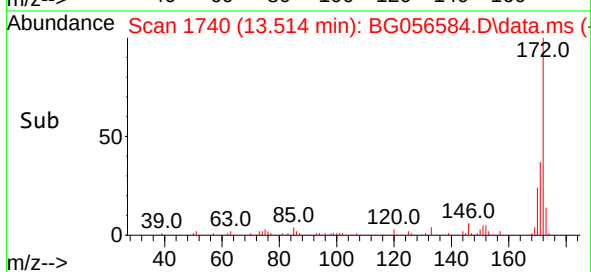
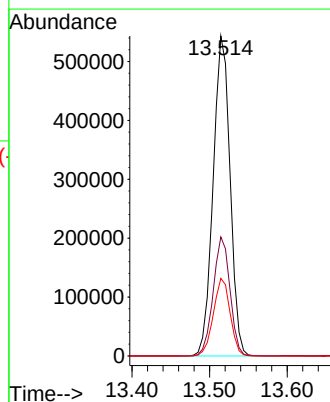
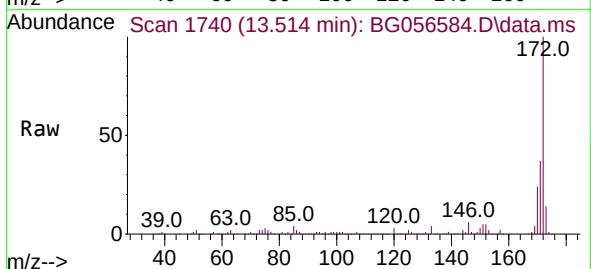


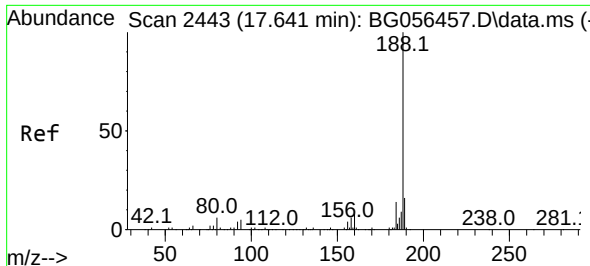
Tgt Ion:330 Resp: 209277
Ion Ratio Lower Upper
330 100
332 97.1 79.0 118.6
141 30.2 24.2 36.4



#45
2-Fluorobiphenyl
Concen: 97.059 ng
RT: 13.514 min Scan# 1740
Delta R.T. -0.002 min
Lab File: BG056584.D
Acq: 8 Feb 2023 16:33

Tgt Ion:172 Resp: 826319
Ion Ratio Lower Upper
172 100
171 37.2 29.5 44.3
170 24.2 19.2 28.8

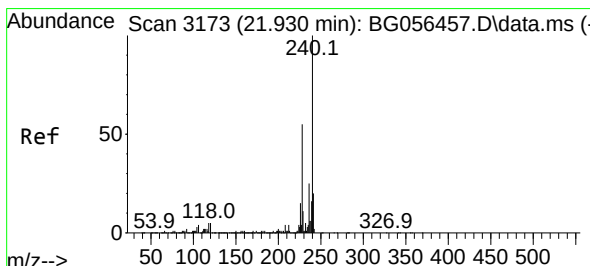
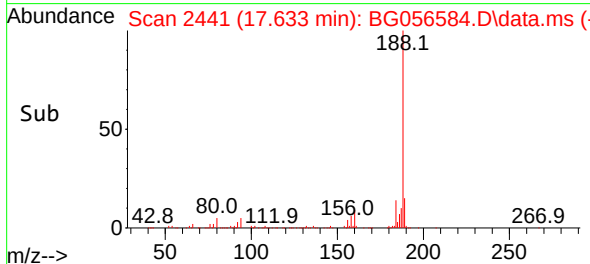
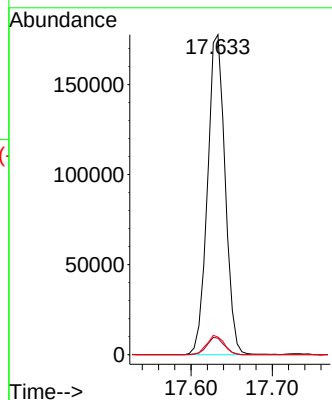
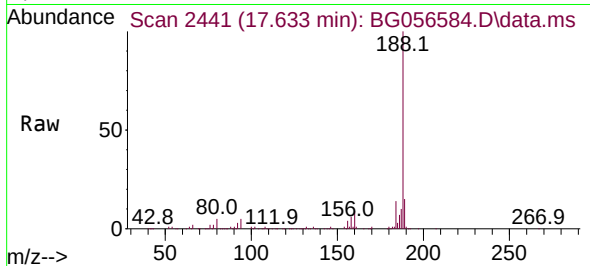




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.633 min Scan# 2441
Delta R.T. 0.004 min
Lab File: BG056584.D
Acq: 8 Feb 2023 16:33

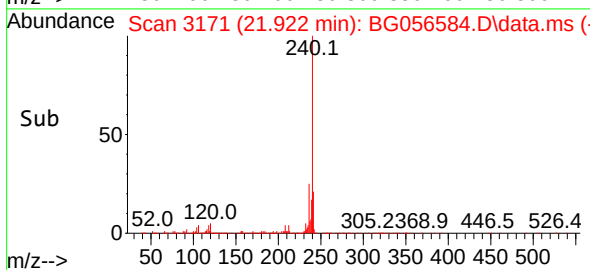
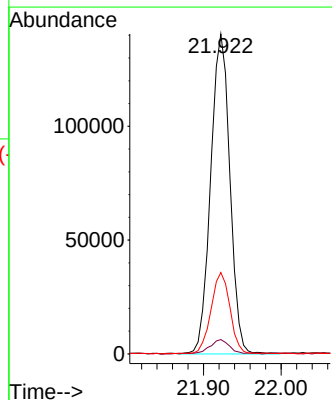
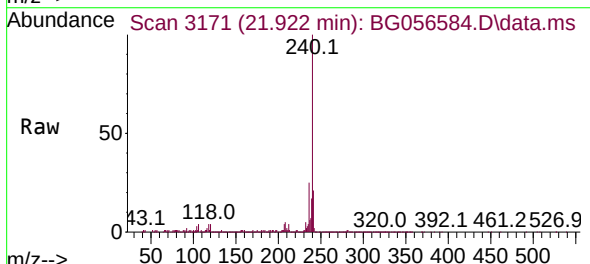
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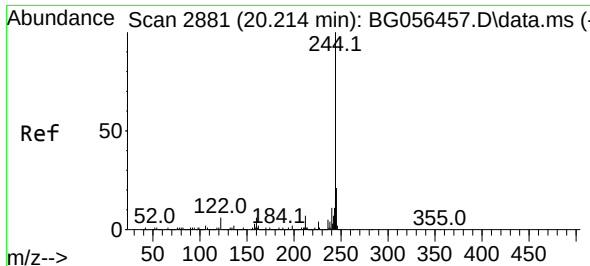
Tgt Ion:188 Resp: 267428
Ion Ratio Lower Upper
188 100
94 5.1 4.1 6.1
80 5.5 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.922 min Scan# 3171
Delta R.T. -0.002 min
Lab File: BG056584.D
Acq: 8 Feb 2023 16:33

Tgt Ion:240 Resp: 242377
Ion Ratio Lower Upper
240 100
120 4.5 3.8 5.8
236 25.4 20.2 30.2

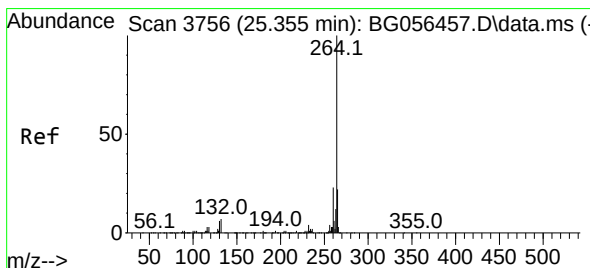
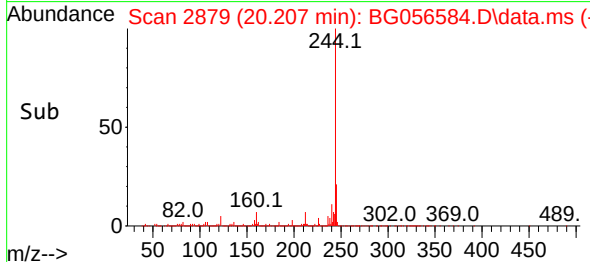
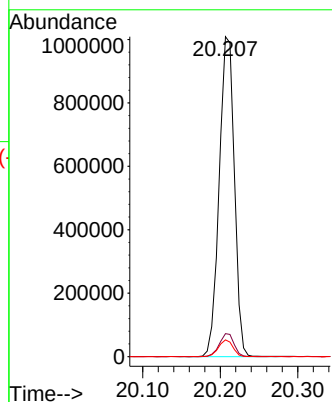
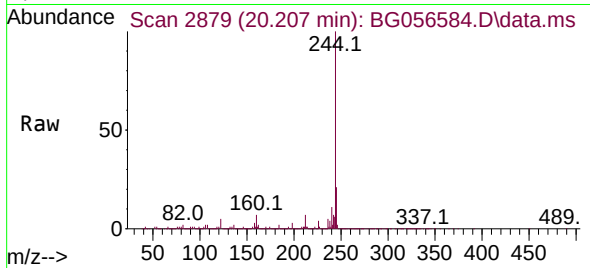




#79
 Terphenyl-d14
 Concen: 99.344 ng
 RT: 20.207 min Scan# 2881
 Delta R.T. -0.002 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33

Instrument :
 BNA_G
 ClientSampleId :
 JPP-18A-020223

Tgt Ion:244 Resp: 1370936
 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: 25.354 min Scan# 3755
 Delta R.T. 0.016 min
 Lab File: BG056584.D
 Acq: 8 Feb 2023 16:33

Tgt Ion:264 Resp: 266690
 Ion Ratio Lower Upper
 264 100
 260 25.3 18.2 27.4
 265 22.0 18.1 27.1

