

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012523\
 Data File : BG056433.D
 Acq On : 25 Jan 2023 20:49
 Operator : CG/JU
 Sample : 01260-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-21

Quant Time: Jan 26 01:13:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 25 04:54:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.294	152	37116	20.000	ng	0.00
21) Naphthalene-d8	11.126	136	143015	20.000	ng	0.00
39) Acenaphthene-d10	14.910	164	113357	20.000	ng	0.00
64) Phenanthrene-d10	17.648	188	285764	20.000	ng	0.00
76) Chrysene-d12	21.937	240	260266	20.000	ng	# 0.00
86) Perylene-d12	25.368	264	284058	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.820	112	305818	147.116	ng	0.00
7) Phenol-d6	7.442	99	379577	118.901	ng	0.00
23) Nitrobenzene-d5	9.469	82	239413	85.630	ng	0.00
42) 2,4,6-Tribromophenol	16.390	330	225301	156.933	ng	0.00
45) 2-Fluorobiphenyl	13.535	172	803577	97.891	ng	0.00
79) Terphenyl-d14	20.221	244	1536237	105.718	ng	0.00

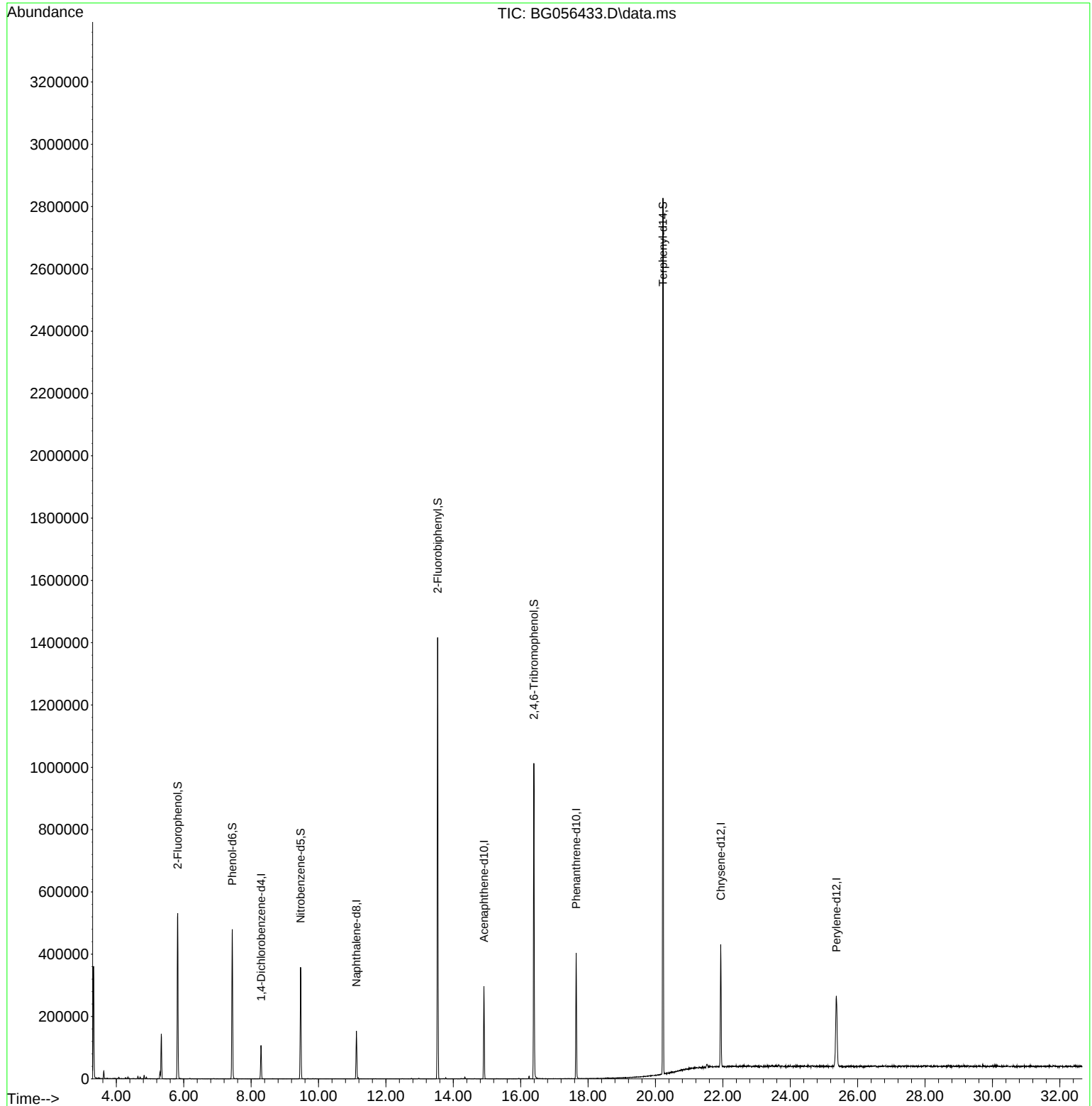
Target Compounds Qvalue

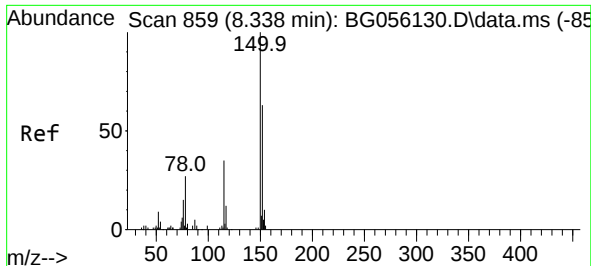
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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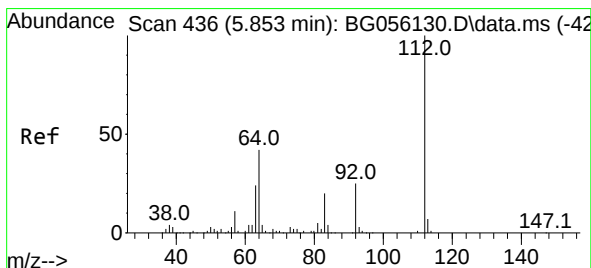
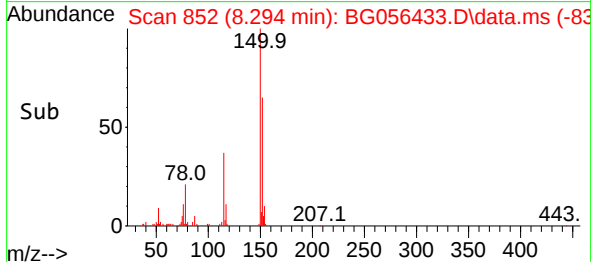
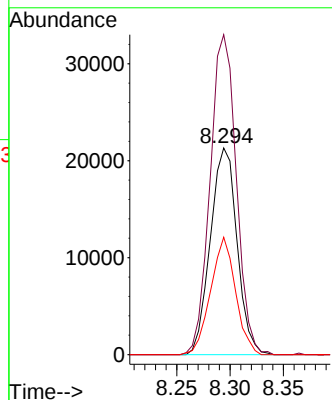
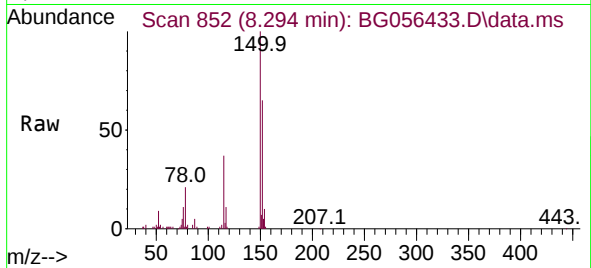




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.294 min Scan# 81
 Delta R.T. 0.001 min
 Lab File: BG056433.D
 Acq: 25 Jan 2023 20:49

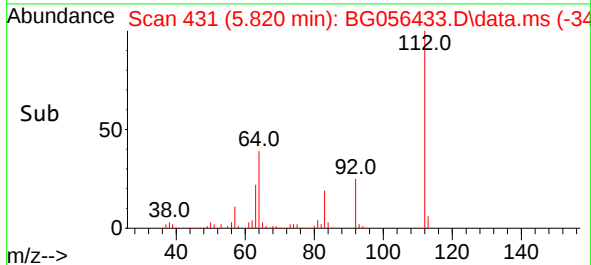
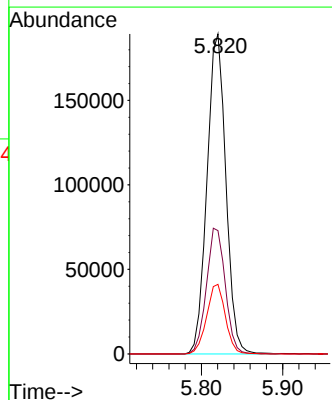
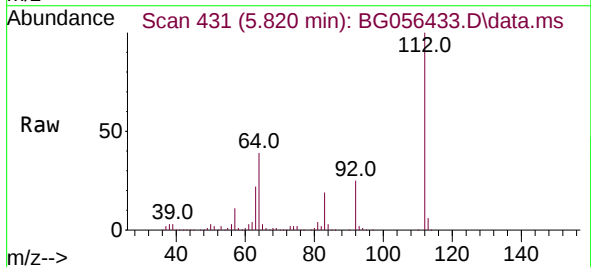
Instrument :
 BNA_G
 ClientSampleId :
 TP-21

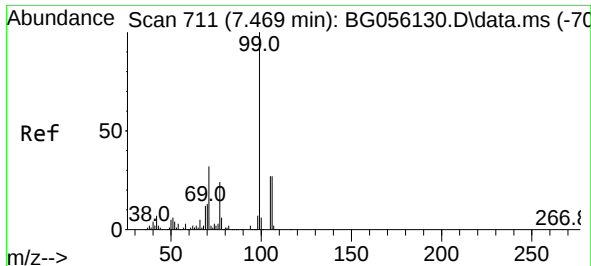
Tgt Ion:152 Resp: 37116
 Ion Ratio Lower Upper
 152 100
 150 154.9 127.9 191.9
 115 56.8 44.2 66.2



#5
 2-Fluorophenol
 Concen: 147.116 ng
 RT: 5.820 min Scan# 431
 Delta R.T. 0.007 min
 Lab File: BG056433.D
 Acq: 25 Jan 2023 20:49

Tgt Ion:112 Resp: 305818
 Ion Ratio Lower Upper
 112 100
 64 38.5 33.3 49.9
 63 21.7 19.0 28.4

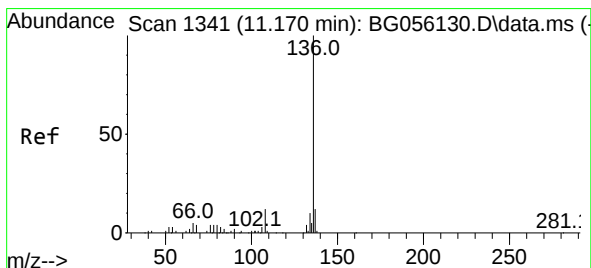
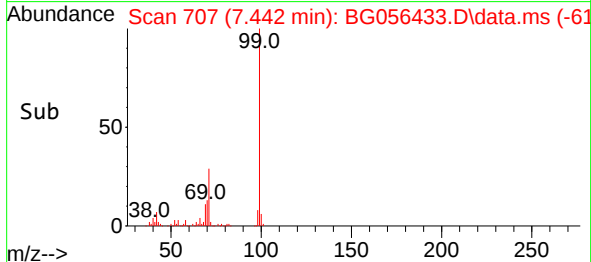
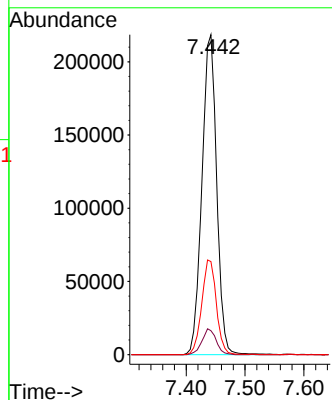
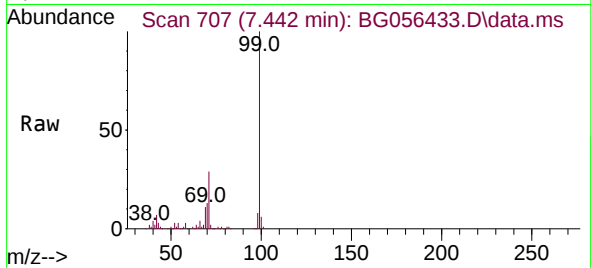




#7
Phenol-d6
Concen: 118.901 ng
RT: 7.442 min Scan# 70
Delta R.T. 0.007 min
Lab File: BG056433.D
Acq: 25 Jan 2023 20:49

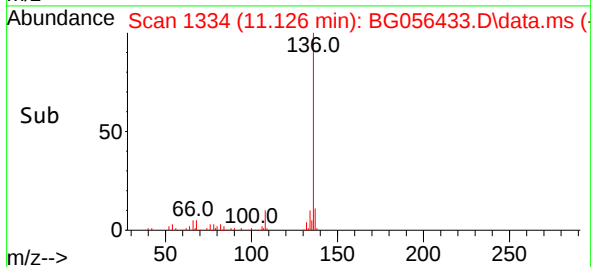
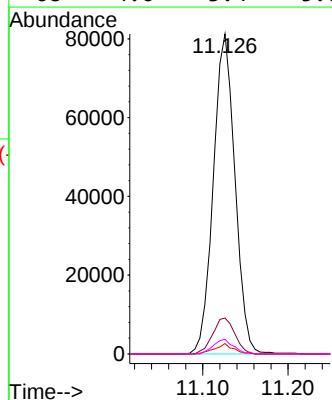
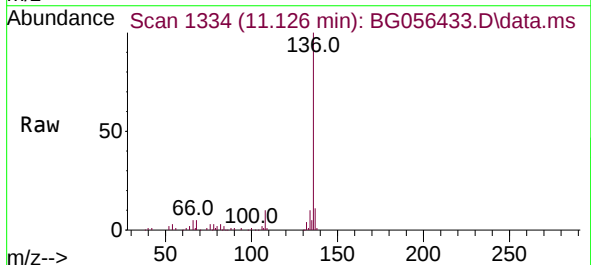
Instrument :
BNA_G
ClientSampleId :
TP-21

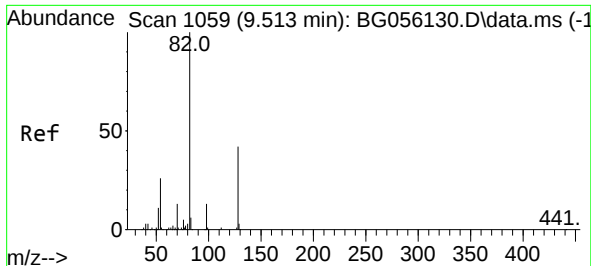
Tgt Ion: 99 Resp: 379577
Ion Ratio Lower Upper
99 100
42 7.5 5.9 8.9
71 29.1 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.126 min Scan# 1334
Delta R.T. -0.005 min
Lab File: BG056433.D
Acq: 25 Jan 2023 20:49

Tgt Ion: 136 Resp: 143015
Ion Ratio Lower Upper
136 100
137 11.2 9.4 14.0
54 3.2 2.2 3.2
68 4.6 3.4 5.0





#23

Nitrobenzene-d5

Concen: 85.630 ng

RT: 9.469 min Scan# 1052

Delta R.T. -0.005 min

Lab File: BG056433.D

Acq: 25 Jan 2023 20:49

Instrument :

BNA_G

ClientSampleId :

TP-21

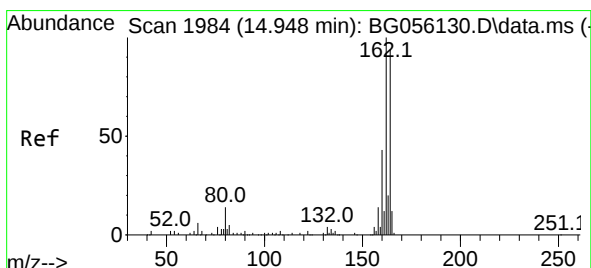
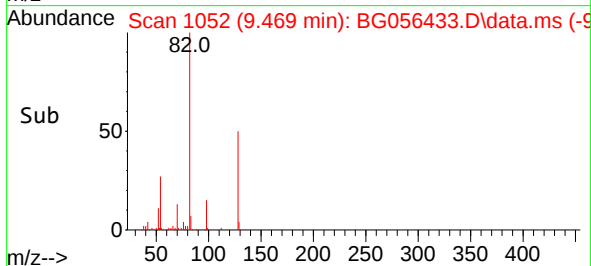
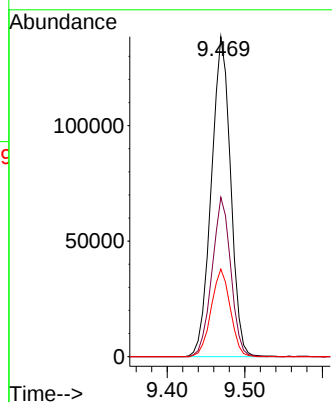
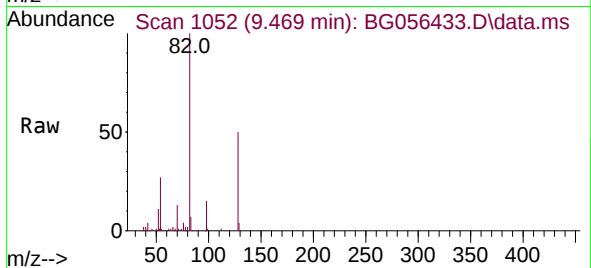
Tgt Ion: 82 Resp: 239413

Ion Ratio Lower Upper

82 100

128 49.8 33.4 50.2

54 27.3 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.910 min Scan# 1978

Delta R.T. -0.005 min

Lab File: BG056433.D

Acq: 25 Jan 2023 20:49

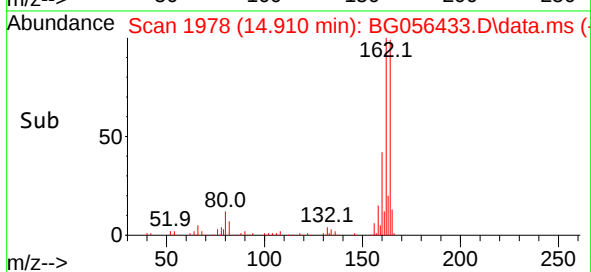
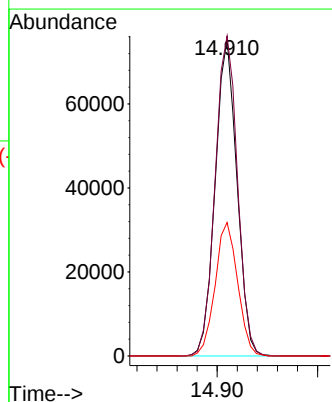
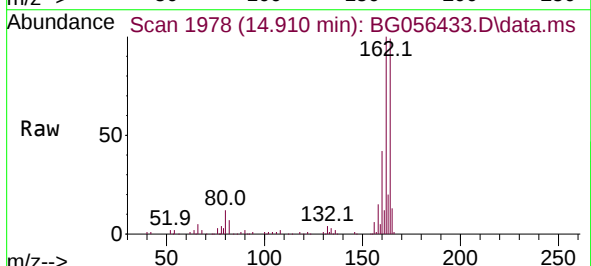
Tgt Ion:164 Resp: 113357

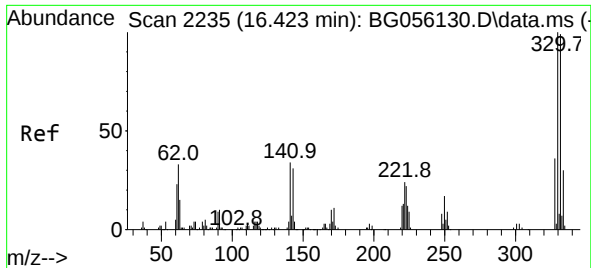
Ion Ratio Lower Upper

164 100

162 101.0 84.7 127.1

160 42.1 36.3 54.5

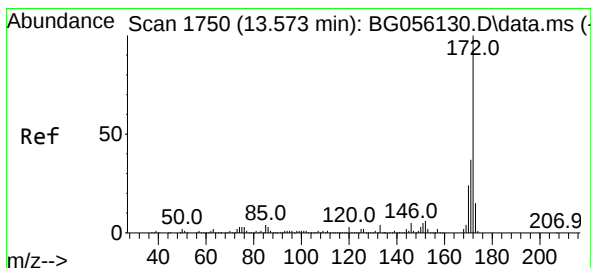
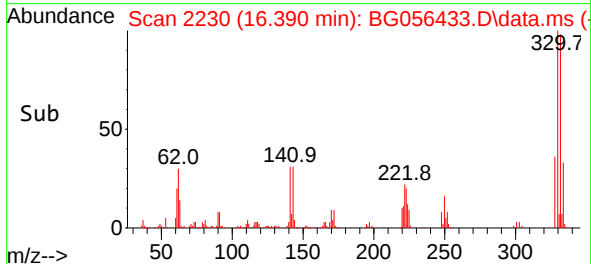
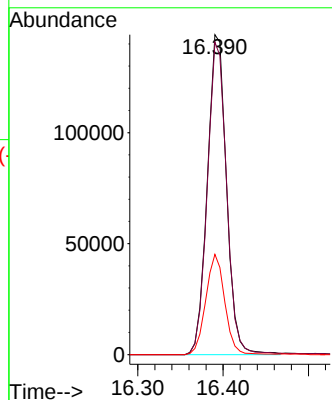
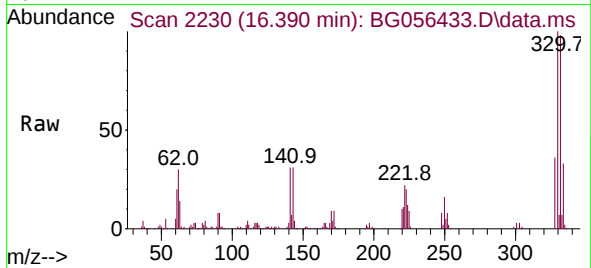




#42
2,4,6-Tribromophenol
Concen: 156.933 ng
RT: 16.390 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG056433.D
Acq: 25 Jan 2023 20:49

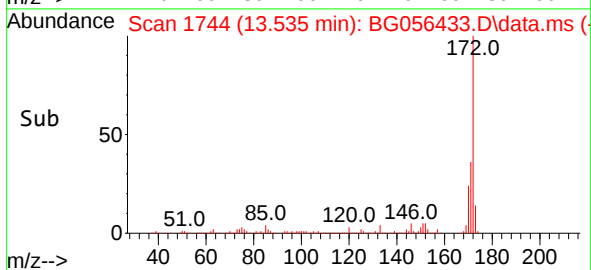
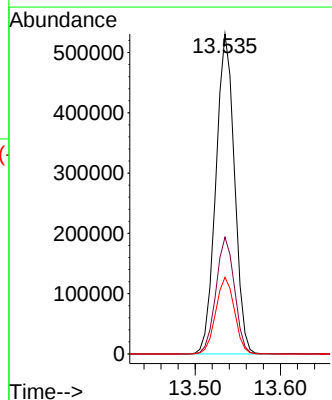
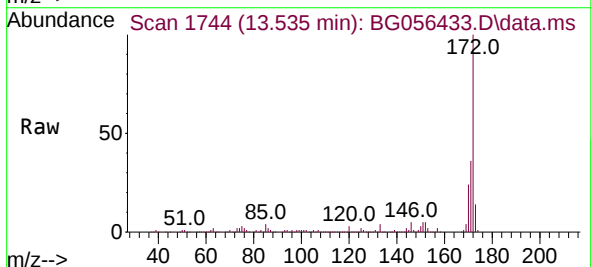
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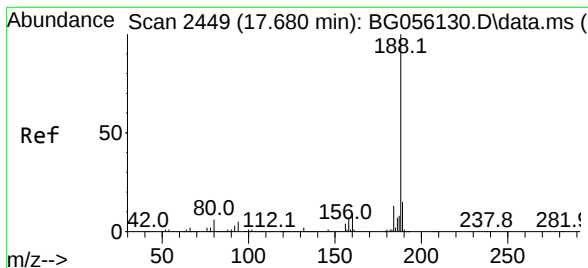
Tgt Ion:330 Resp: 225301
Ion Ratio Lower Upper
330 100
332 98.3 77.3 115.9
141 30.9 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 97.891 ng
RT: 13.535 min Scan# 1744
Delta R.T. -0.005 min
Lab File: BG056433.D
Acq: 25 Jan 2023 20:49

Tgt Ion:172 Resp: 803577
Ion Ratio Lower Upper
172 100
171 36.5 29.6 44.4
170 23.9 19.4 29.2





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.648 min Scan# 2444

Delta R.T. -0.005 min

Lab File: BG056433.D

Acq: 25 Jan 2023 20:49

Instrument :

BNA_G

ClientSampleId :

TP-21

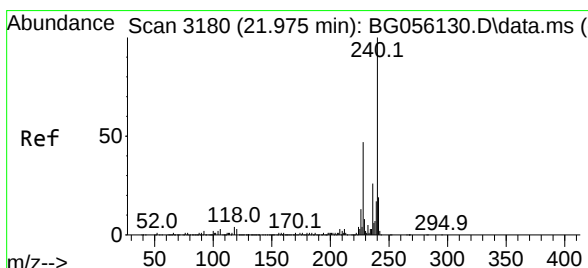
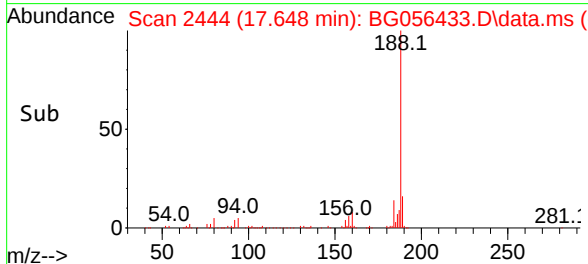
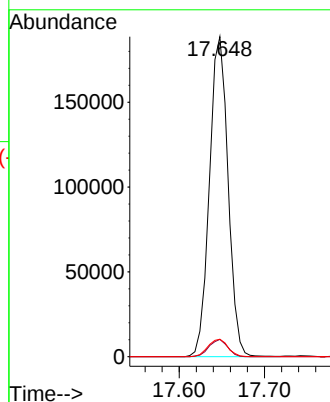
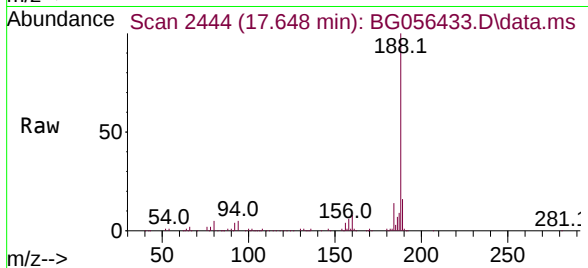
Tgt Ion:188 Resp: 285764

Ion Ratio Lower Upper

188 100

94 5.4 4.2 6.2

80 5.4 5.0 7.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.937 min Scan# 3174

Delta R.T. -0.005 min

Lab File: BG056433.D

Acq: 25 Jan 2023 20:49

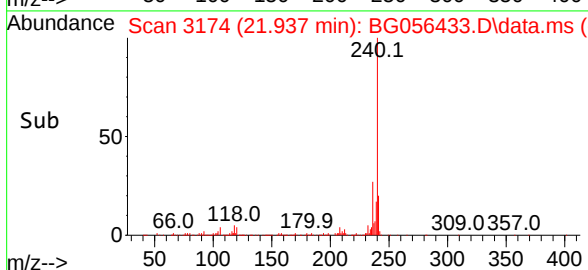
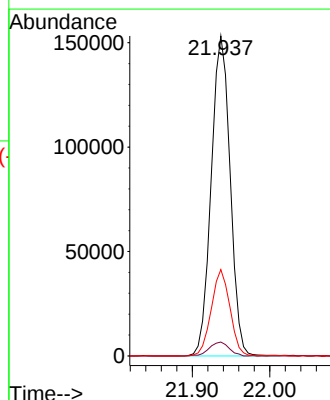
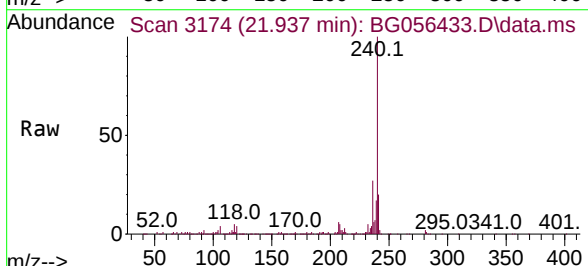
Tgt Ion:240 Resp: 260266

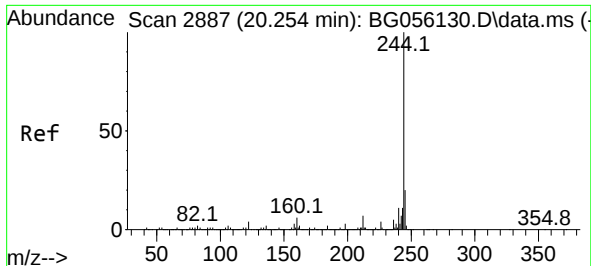
Ion Ratio Lower Upper

240 100

120 4.3 2.6 4.0#

236 27.0 20.8 31.2

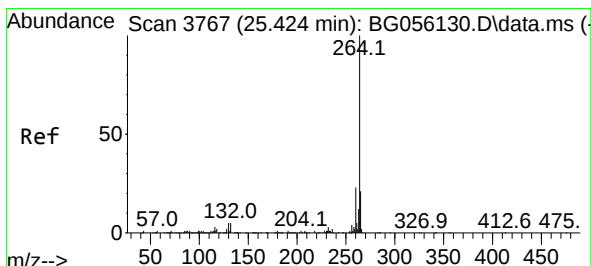
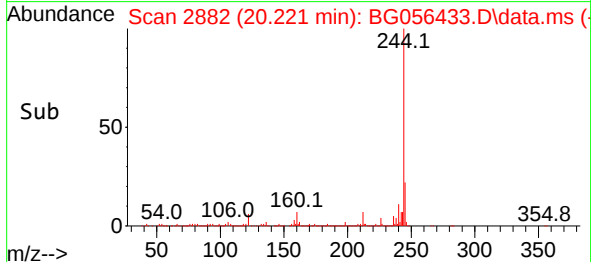
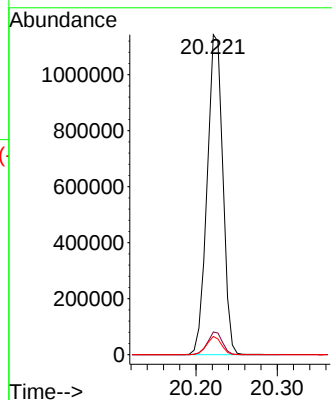
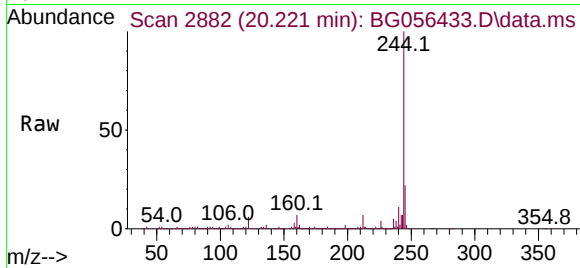




#79
 Terphenyl-d14
 Concen: 105.718 ng
 RT: 20.221 min Scan# 2887
 Delta R.T. -0.005 min
 Lab File: BG056433.D
 Acq: 25 Jan 2023 20:49

Instrument :
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 ClientSampleId :
 TP-21

Tgt Ion:244 Resp: 1536237
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 5.7 3.5 5.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.368 min Scan# 3758
 Delta R.T. -0.005 min
 Lab File: BG056433.D
 Acq: 25 Jan 2023 20:49

Tgt Ion:264 Resp: 284058
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.4 16.7 25.1

