

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
 Data File : BG056411.D
 Acq On : 24 Jan 2023 20:32
 Operator : CG/JU
 Sample : 01260-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-23

Quant Time: Jan 25 05:34:45 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	8.290	152	31518	20.000	ng	0.00
21) Naphthalene-d8	11.122	136	123125	20.000	ng	0.00
39) Acenaphthene-d10	14.906	164	98724	20.000	ng	0.00
64) Phenanthrene-d10	17.644	188	241922	20.000	ng	0.00
76) Chrysene-d12	21.933	240	236557	20.000	ng	# 0.00
86) Perylene-d12	25.358	264	264063	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.811	112	183526	103.968	ng	0.00
7) Phenol-d6	7.432	99	259593	95.760	ng	0.00
23) Nitrobenzene-d5	9.465	82	135231	56.181	ng	0.00
42) 2,4,6-Tribromophenol	16.386	330	131568	105.227	ng	0.00
45) 2-Fluorobiphenyl	13.531	172	451178	63.108	ng	0.00
79) Terphenyl-d14	20.217	244	867372	65.672	ng	0.00

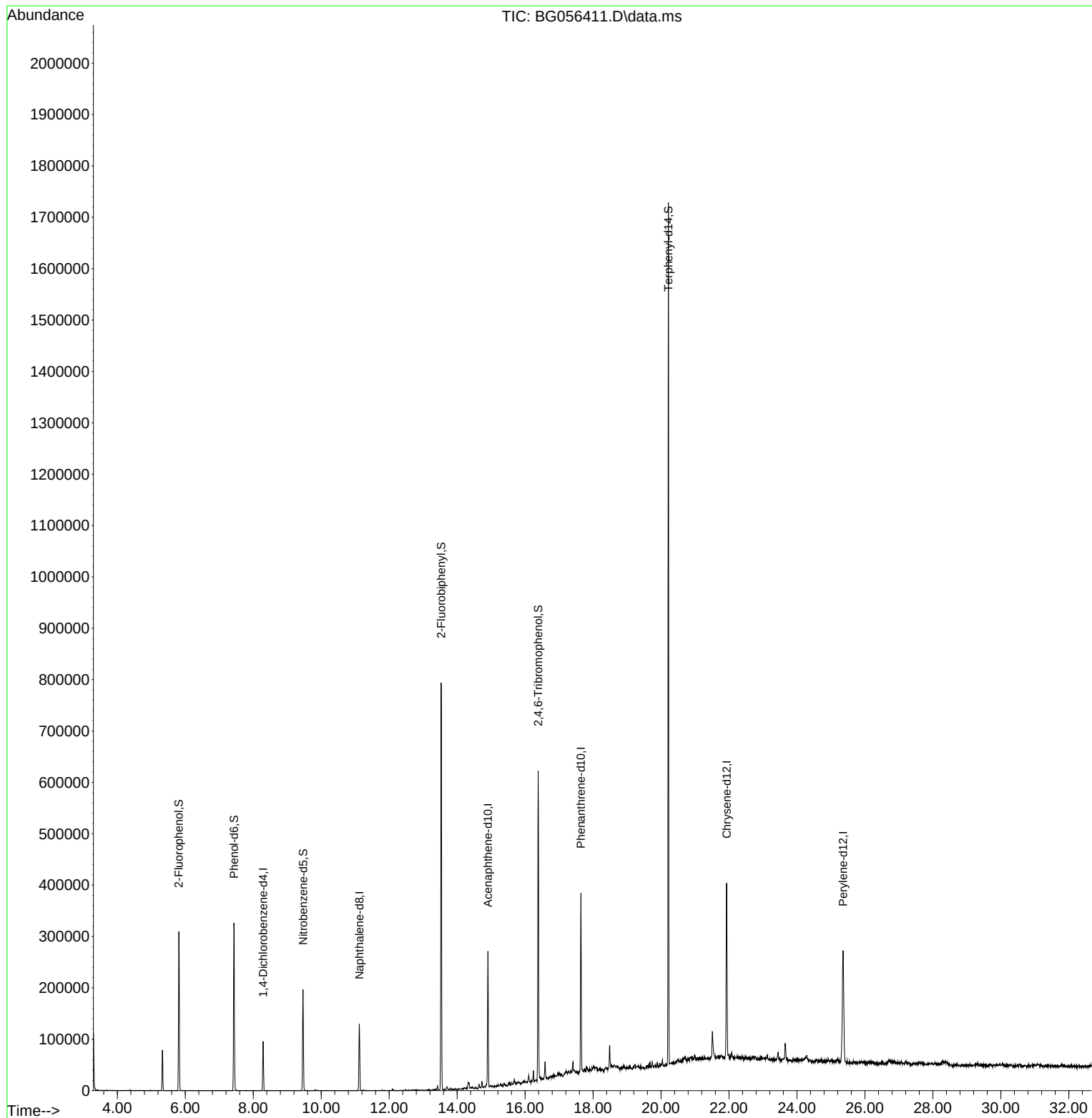
Target Compounds	Qvalue

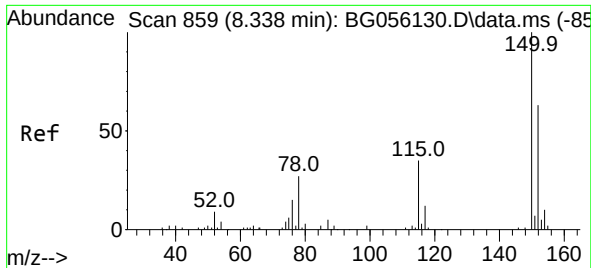
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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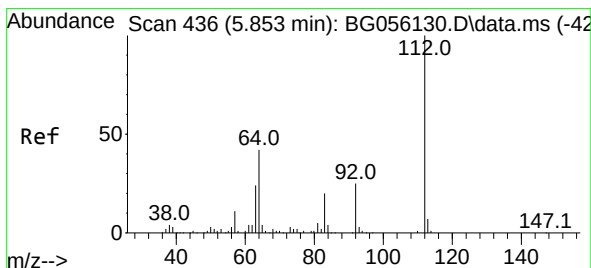
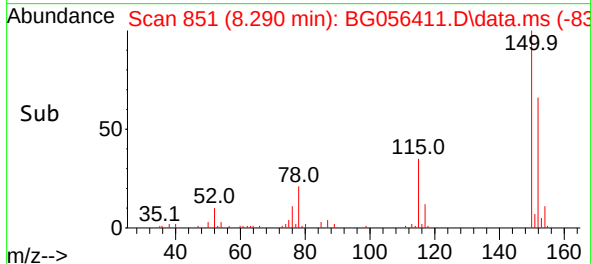
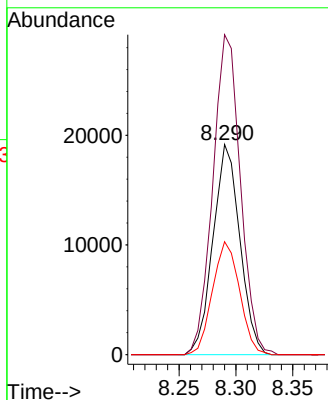
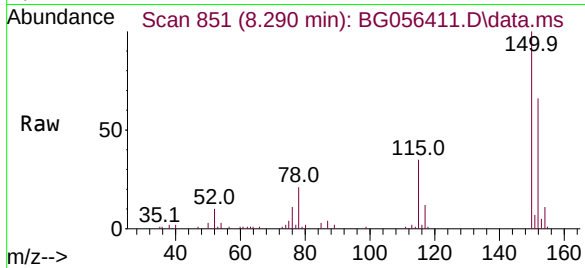




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.290 min Scan# 81
Delta R.T. -0.003 min
Lab File: BG056411.D
Acq: 24 Jan 2023 20:32

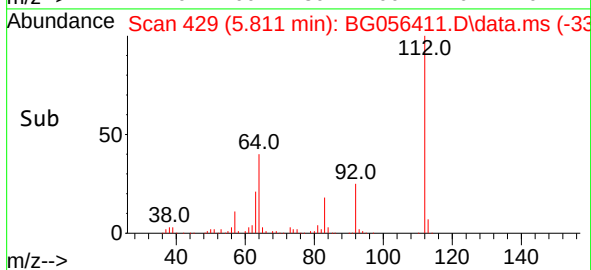
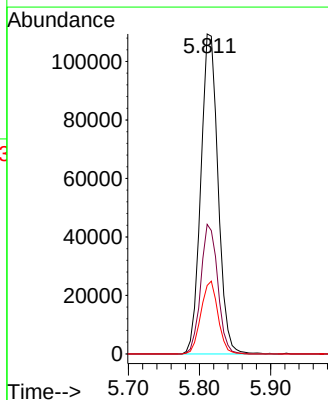
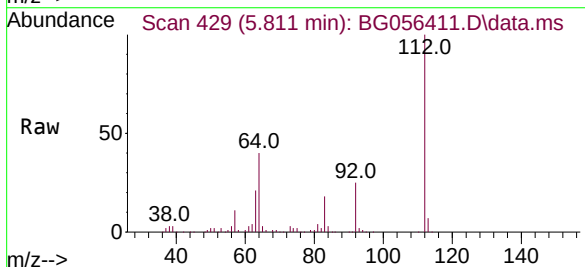
Instrument :
BNA_G
ClientSampleId :
TP-23

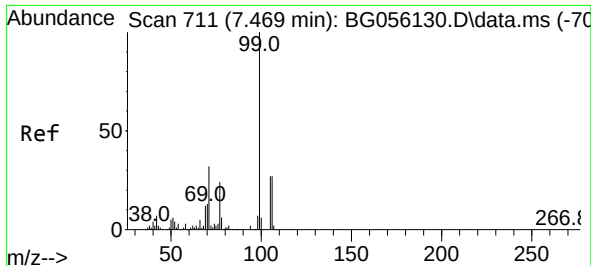
Tgt Ion:152 Resp: 31518
Ion Ratio Lower Upper
152 100
150 152.3 127.9 191.9
115 53.8 44.2 66.2



#5
2-Fluorophenol
Concen: 103.968 ng
RT: 5.811 min Scan# 429
Delta R.T. -0.003 min
Lab File: BG056411.D
Acq: 24 Jan 2023 20:32

Tgt Ion:112 Resp: 183526
Ion Ratio Lower Upper
112 100
64 40.5 33.3 49.9
63 21.4 19.0 28.4

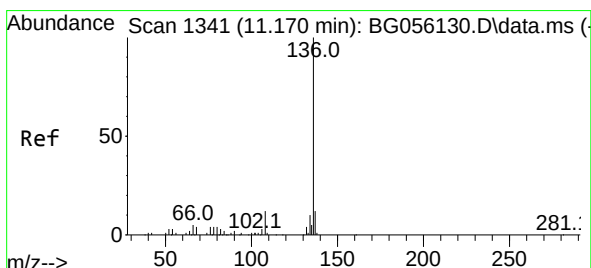
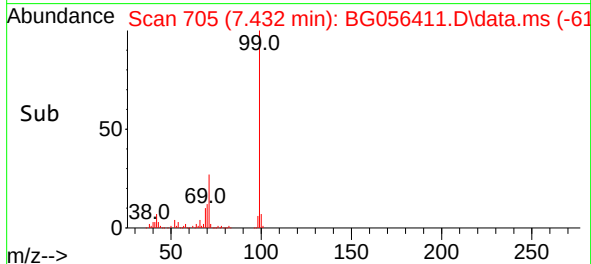
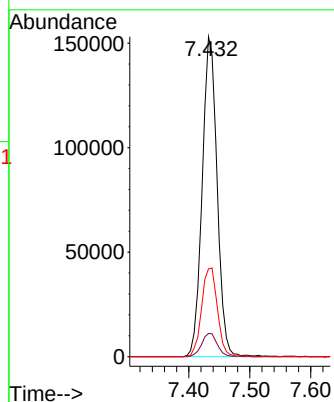
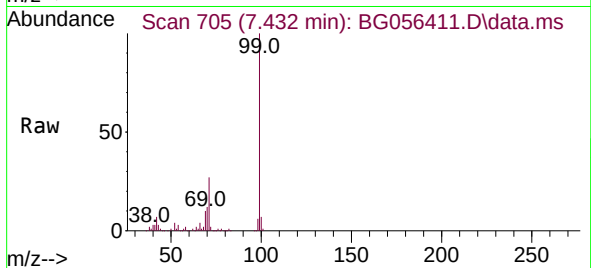




#7
Phenol-d6
Concen: 95.760 ng
RT: 7.432 min Scan# 70
Delta R.T. -0.003 min
Lab File: BG056411.D
Acq: 24 Jan 2023 20:32

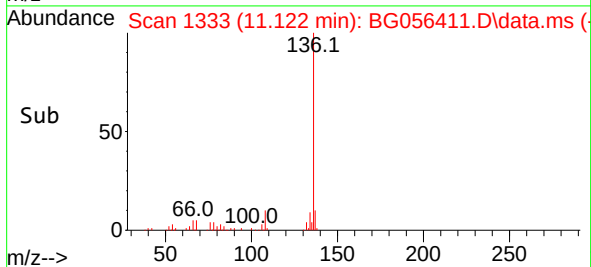
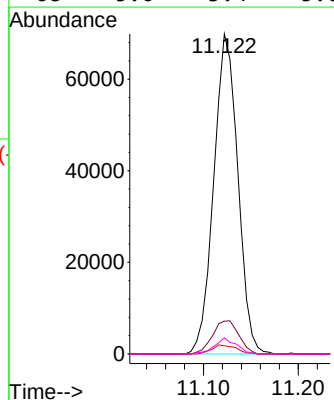
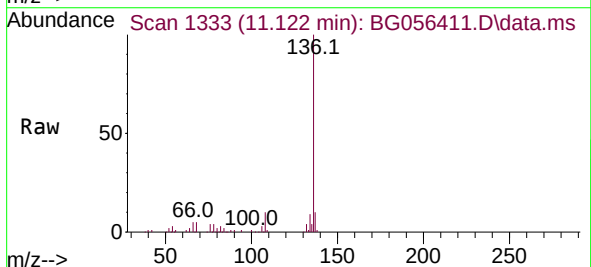
Instrument :
BNA_G
ClientSampleId :
TP-23

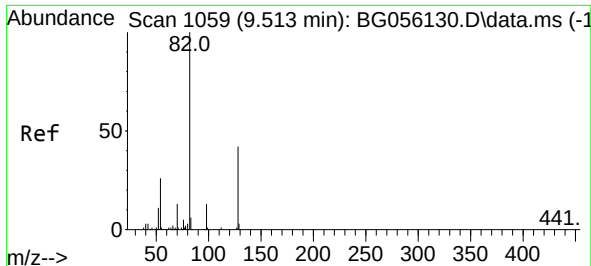
Tgt Ion: 99 Resp: 259593
Ion Ratio Lower Upper
99 100
42 7.2 5.9 8.9
71 27.4 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.122 min Scan# 1333
Delta R.T. -0.009 min
Lab File: BG056411.D
Acq: 24 Jan 2023 20:32

Tgt Ion: 136 Resp: 123125
Ion Ratio Lower Upper
136 100
137 10.2 9.4 14.0
54 2.5 2.2 3.2
68 5.0 3.4 5.0





#23

Nitrobenzene-d5

Concen: 56.181 ng

RT: 9.465 min Scan# 1051

Delta R.T. -0.009 min

Lab File: BG056411.D

Acq: 24 Jan 2023 20:32

Instrument :

BNA_G

ClientSampleId :

TP-23

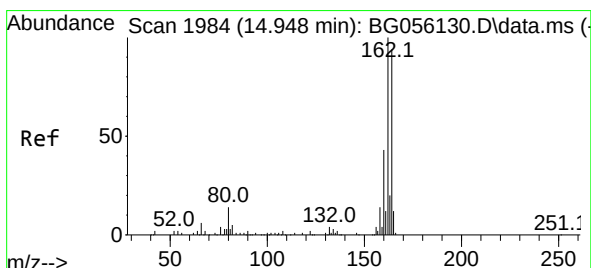
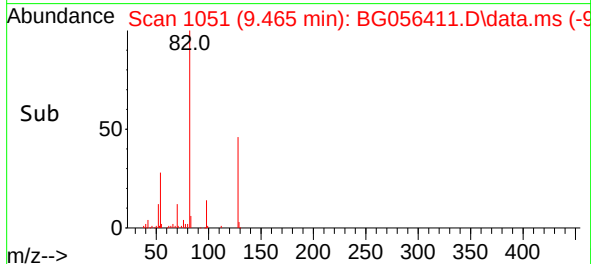
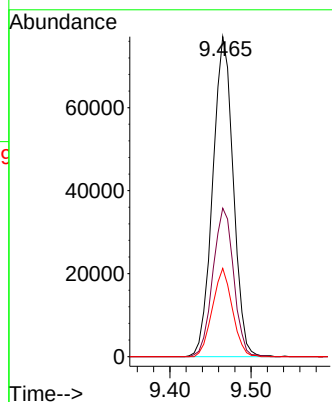
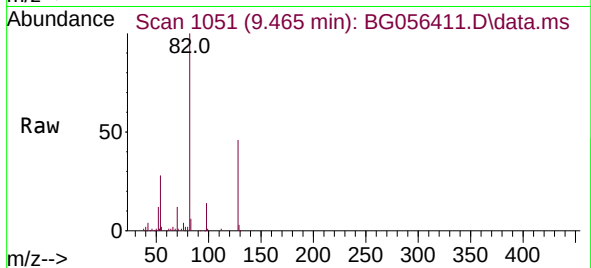
Tgt Ion: 82 Resp: 135231

Ion Ratio Lower Upper

82 100

128 46.4 33.4 50.2

54 27.6 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.906 min Scan# 1977

Delta R.T. -0.009 min

Lab File: BG056411.D

Acq: 24 Jan 2023 20:32

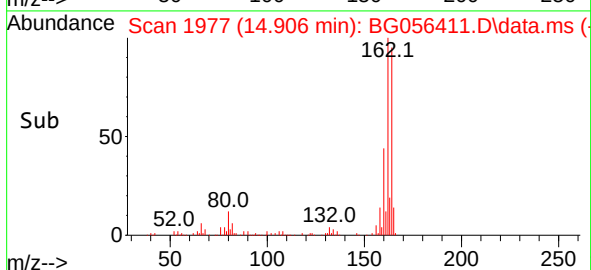
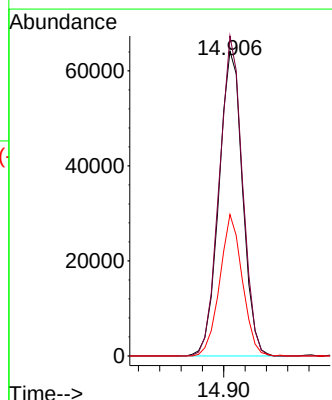
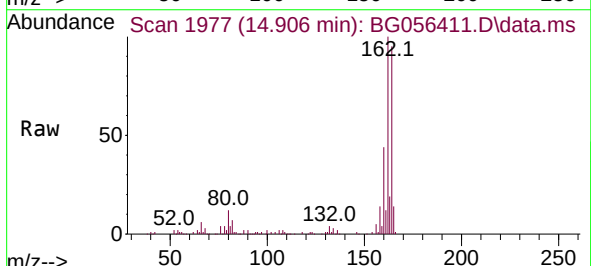
Tgt Ion: 164 Resp: 98724

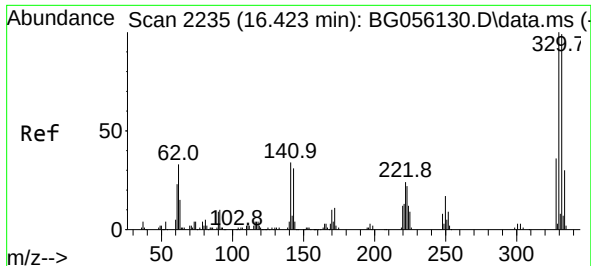
Ion Ratio Lower Upper

164 100

162 105.0 84.7 127.1

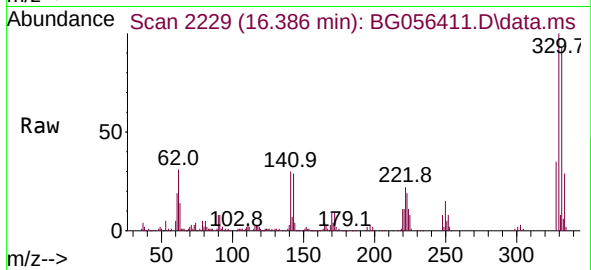
160 46.4 36.3 54.5



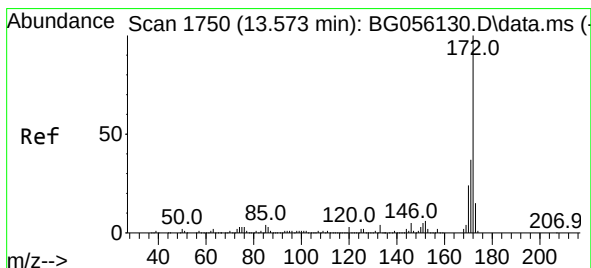
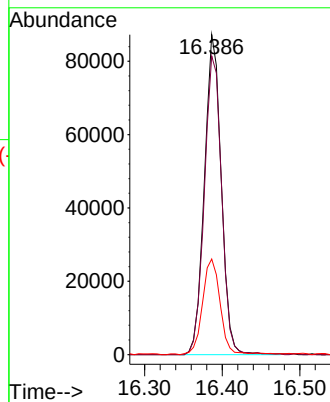
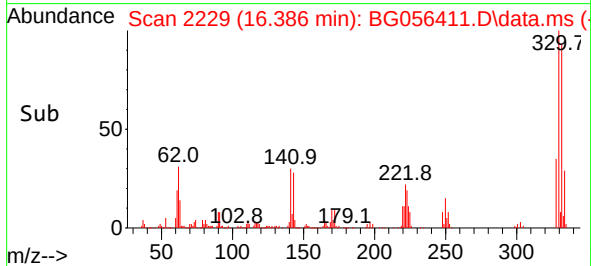


#42
 2,4,6-Tribromophenol
 Concen: 105.227 ng
 RT: 16.386 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG056411.D
 Acq: 24 Jan 2023 20:32

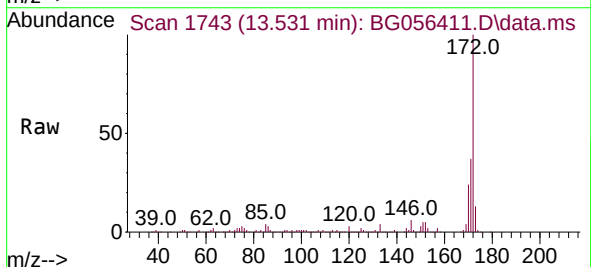
Instrument :
 BNA_G
 ClientSampleId :
 TP-23



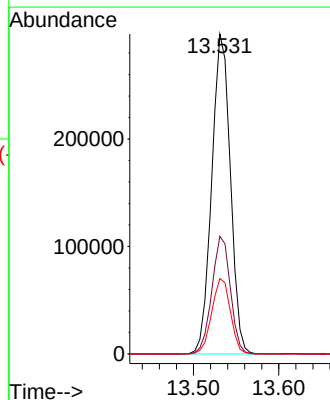
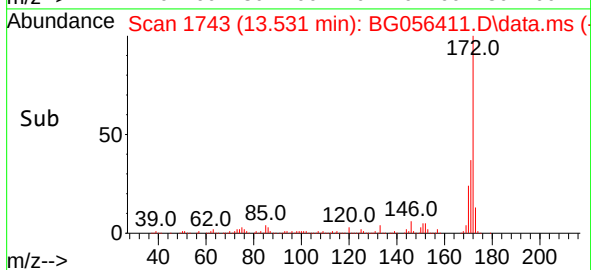
Tgt Ion:330 Resp: 131568
 Ion Ratio Lower Upper
 330 100
 332 95.9 77.3 115.9
 141 31.0 27.9 41.9

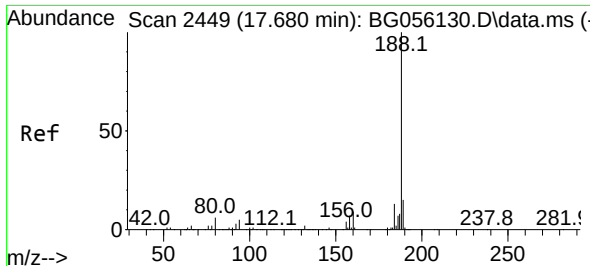


#45
 2-Fluorobiphenyl
 Concen: 63.108 ng
 RT: 13.531 min Scan# 1743
 Delta R.T. -0.009 min
 Lab File: BG056411.D
 Acq: 24 Jan 2023 20:32



Tgt Ion:172 Resp: 451178
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.6 44.4
 170 23.5 19.4 29.2

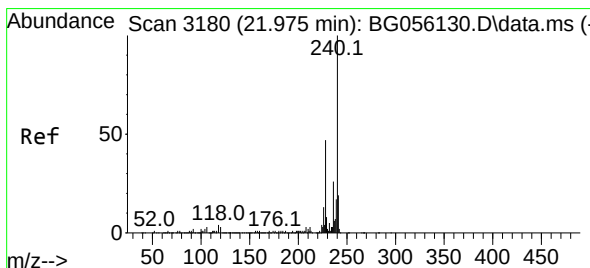
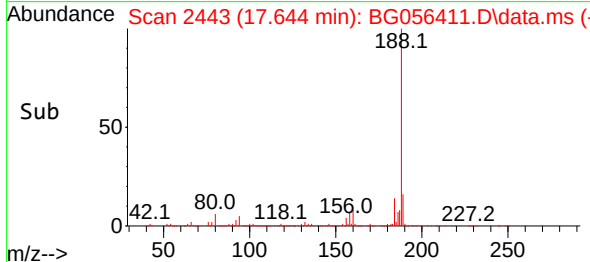
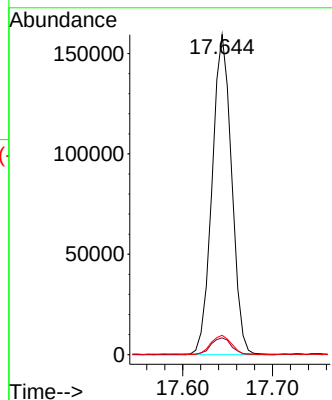
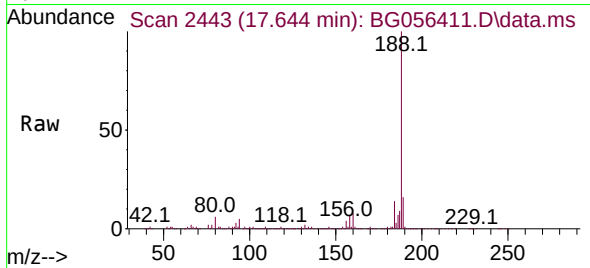




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.644 min Scan# 2443
Delta R.T. -0.009 min
Lab File: BG056411.D
Acq: 24 Jan 2023 20:32

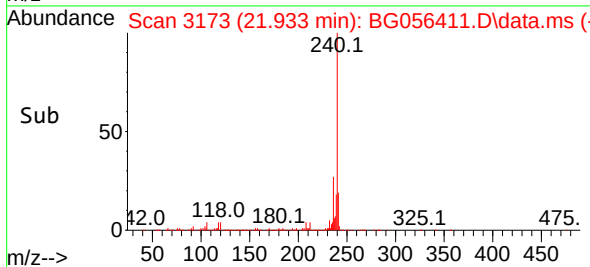
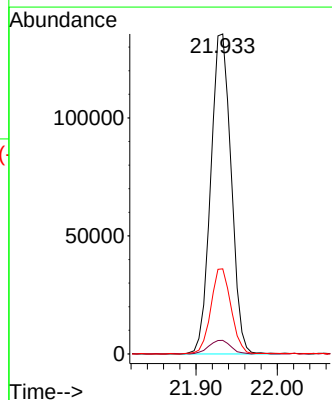
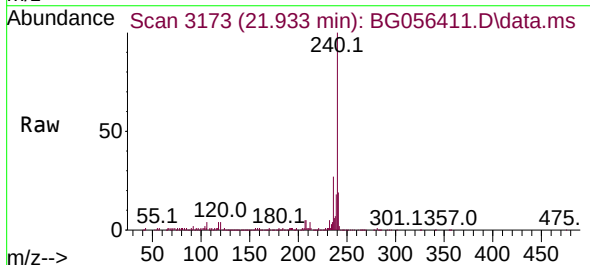
Instrument :
BNA_G
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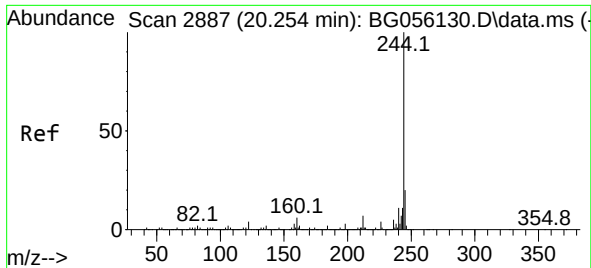
Tgt Ion:188 Resp: 241922
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 6.0 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.933 min Scan# 3173
Delta R.T. -0.009 min
Lab File: BG056411.D
Acq: 24 Jan 2023 20:32

Tgt Ion:240 Resp: 236557
Ion Ratio Lower Upper
240 100
120 4.3 2.6 4.0#
236 26.6 20.8 31.2

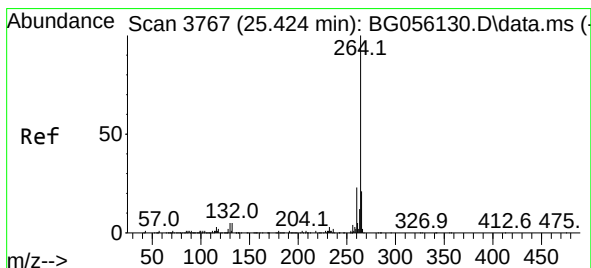
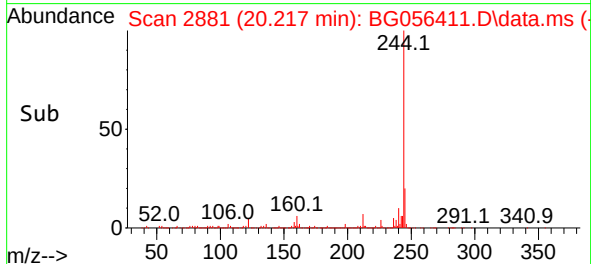
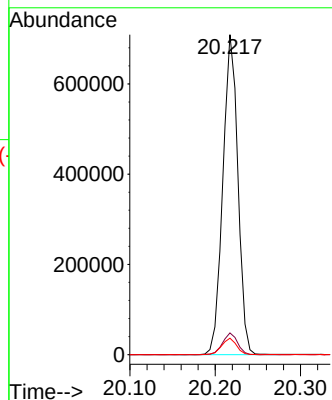
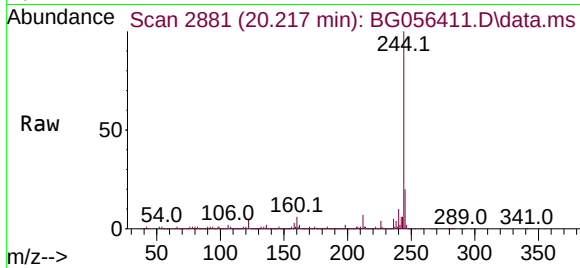




#79
 Terphenyl-d14
 Concen: 65.672 ng
 RT: 20.217 min Scan# 2881
 Delta R.T. -0.009 min
 Lab File: BG056411.D
 Acq: 24 Jan 2023 20:32

Instrument :
 BNA_G
 ClientSampleId :
 TP-23

Tgt Ion:244 Resp: 867372
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 5.1 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.358 min Scan# 3756
 Delta R.T. -0.015 min
 Lab File: BG056411.D
 Acq: 24 Jan 2023 20:32

Tgt Ion:264 Resp: 264063
 Ion Ratio Lower Upper
 264 100
 260 24.6 18.6 28.0
 265 22.6 16.7 25.1

