

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
 Data File : BG056383.D
 Acq On : 23 Jan 2023 14:20
 Operator : CG/JU
 Sample : 01237-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1-2-3A

Quant Time: Jan 24 01:20:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 19 00:31:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.296	152	36227	20.000	ng	0.00
21) Naphthalene-d8	11.128	136	130594	20.000	ng	0.00
39) Acenaphthene-d10	14.912	164	96885	20.000	ng	0.00
64) Phenanthrene-d10	17.650	188	269005	20.000	ng	0.00
76) Chrysene-d12	21.945	240	284362	20.000	ng	# 0.00
86) Perylene-d12	25.376	264	300098	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.822	112	296849	146.306	ng	0.00
7) Phenol-d6	7.444	99	357400	114.702	ng	0.00
23) Nitrobenzene-d5	9.471	82	238117	93.267	ng	-0.02
42) 2,4,6-Tribromophenol	16.398	330	206686	168.444	ng	0.00
45) 2-Fluorobiphenyl	13.537	172	709360	101.105	ng	0.00
79) Terphenyl-d14	20.229	244	1624672	102.330	ng	0.00

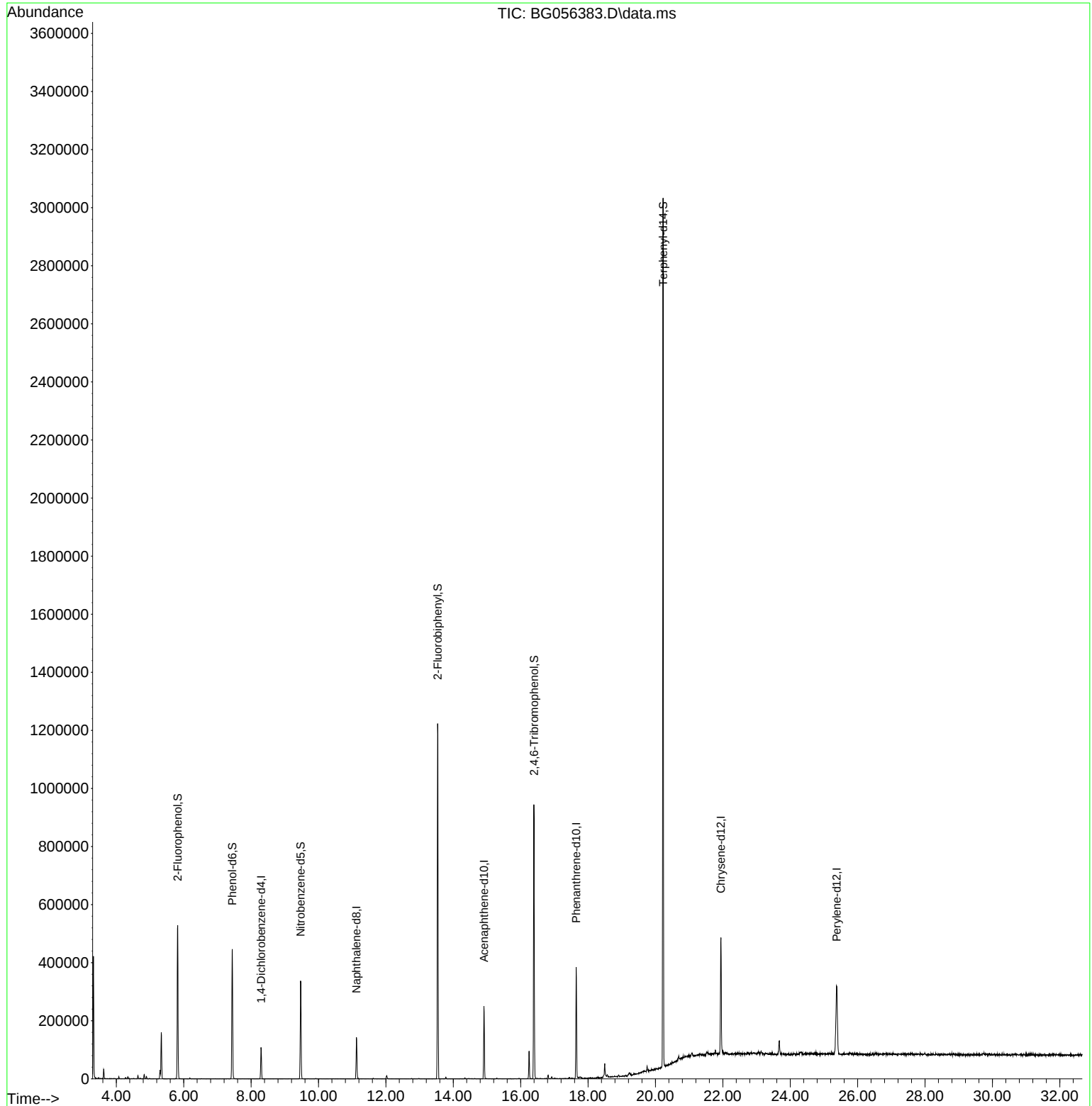
Target Compounds Qvalue

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

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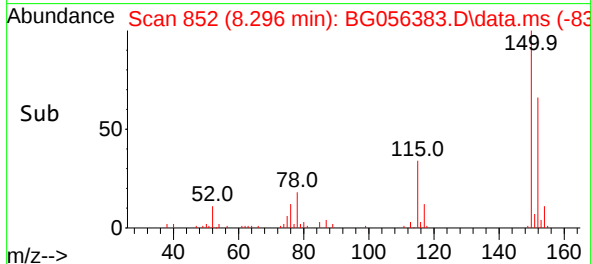
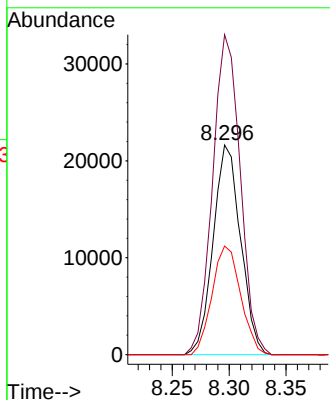
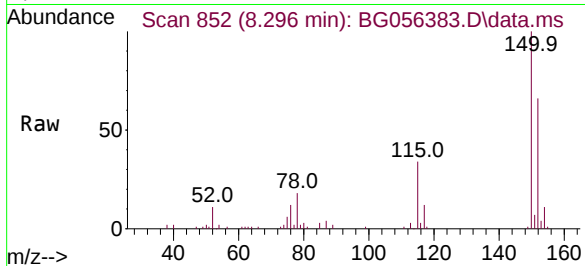




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.296 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG056383.D
Acq: 23 Jan 2023 14:20

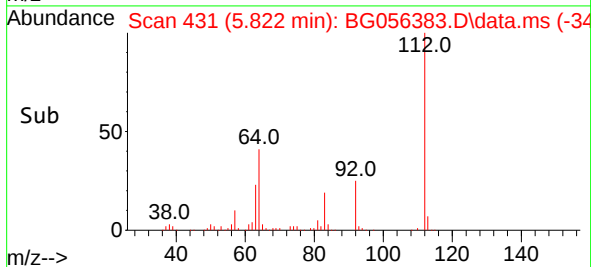
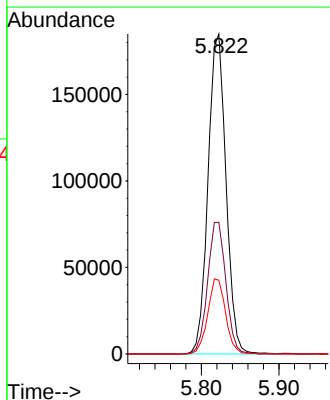
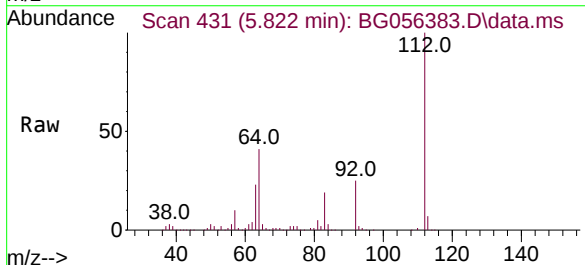
Instrument :
BNA_G
ClientSampleId :
COMP-1-2-3A

Tgt Ion:152 Resp: 36227
Ion Ratio Lower Upper
152 100
150 152.6 127.9 191.9
115 51.8 44.2 66.2



#5
2-Fluorophenol
Concen: 146.306 ng
RT: 5.822 min Scan# 431
Delta R.T. -0.004 min
Lab File: BG056383.D
Acq: 23 Jan 2023 14:20

Tgt Ion:112 Resp: 296849
Ion Ratio Lower Upper
112 100
64 41.2 33.3 49.9
63 23.0 19.0 28.4

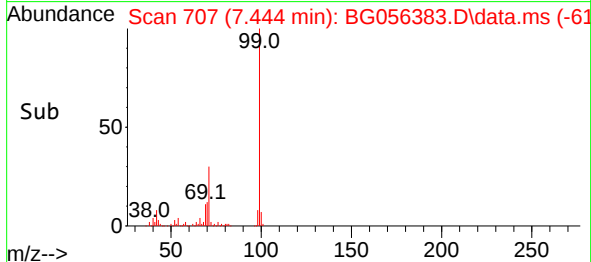
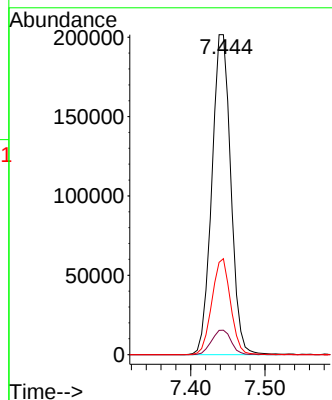
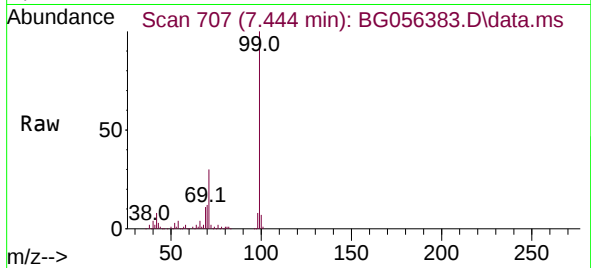




#7
Phenol-d6
Concen: 114.702 ng
RT: 7.444 min Scan# 70
Delta R.T. -0.004 min
Lab File: BG056383.D
Acq: 23 Jan 2023 14:20

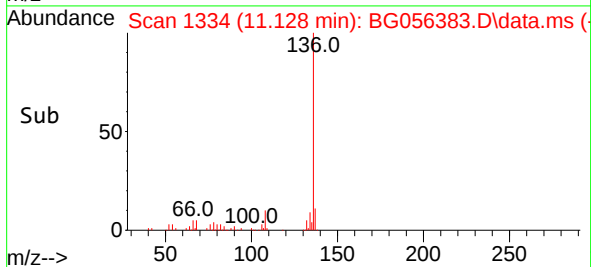
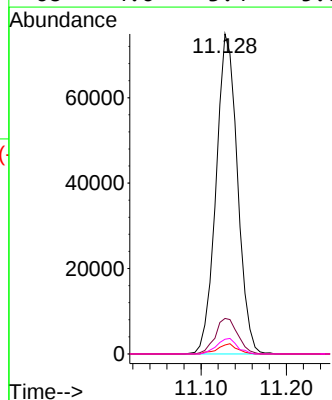
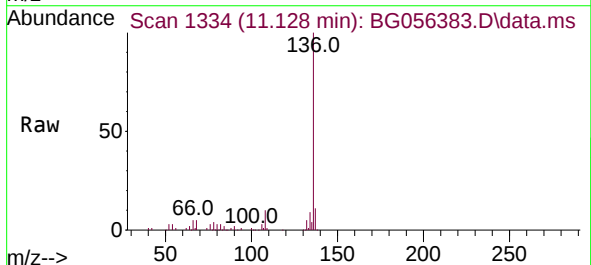
Instrument :
BNA_G
ClientSampleId :
COMP-1-2-3A

Tgt Ion: 99 Resp: 357400
Ion Ratio Lower Upper
99 100
42 7.6 5.9 8.9
71 30.0 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.128 min Scan# 1334
Delta R.T. -0.010 min
Lab File: BG056383.D
Acq: 23 Jan 2023 14:20

Tgt Ion: 136 Resp: 130594
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 2.8 2.2 3.2
68 4.6 3.4 5.0





#23

Nitrobenzene-d5

Concen: 93.267 ng

RT: 9.471 min Scan# 1052

Delta R.T. -0.016 min

Lab File: BG056383.D

Acq: 23 Jan 2023 14:20

Instrument :

BNA_G

ClientSampleId :

COMP-1-2-3A

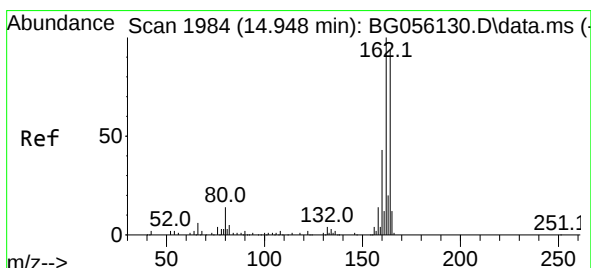
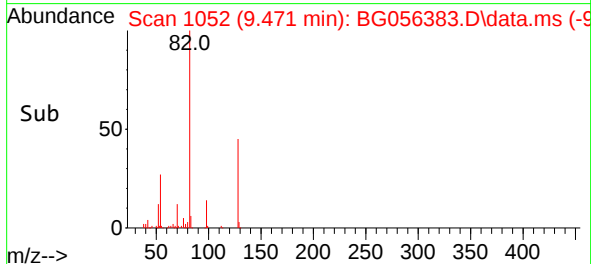
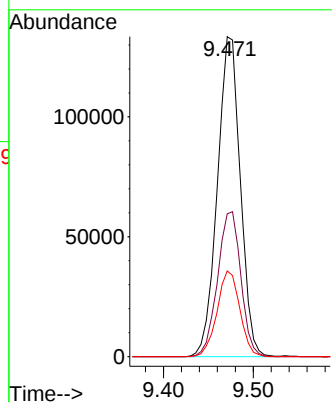
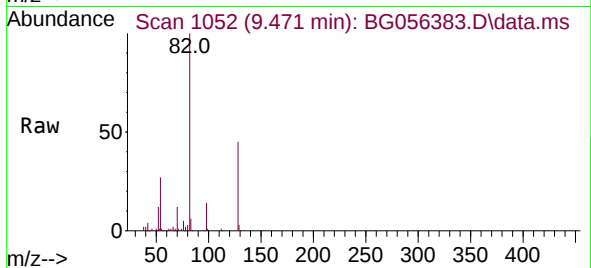
Tgt Ion: 82 Resp: 238117

Ion Ratio Lower Upper

82 100

128 44.6 33.4 50.2

54 26.8 20.3 30.5



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.912 min Scan# 1978

Delta R.T. -0.010 min

Lab File: BG056383.D

Acq: 23 Jan 2023 14:20

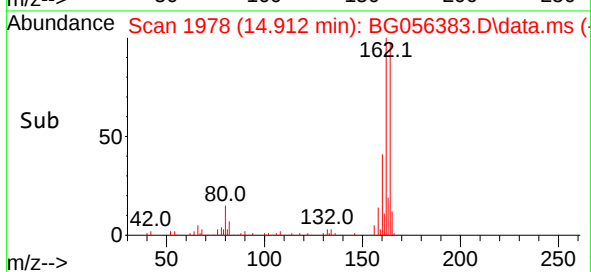
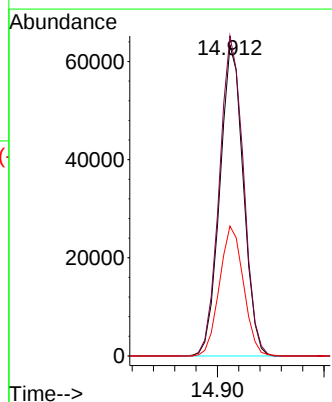
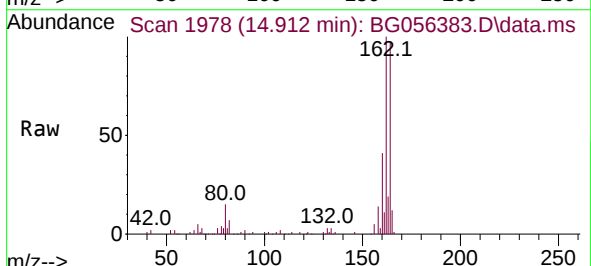
Tgt Ion:164 Resp: 96885

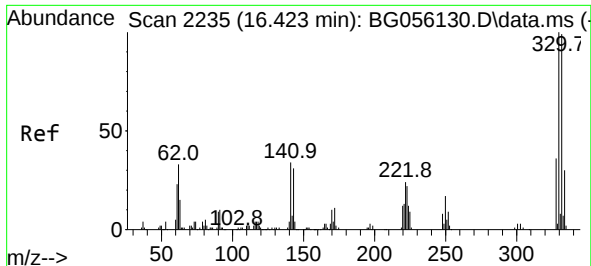
Ion Ratio Lower Upper

164 100

162 103.0 84.7 127.1

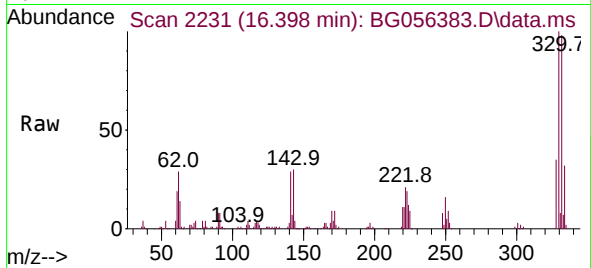
160 41.8 36.3 54.5



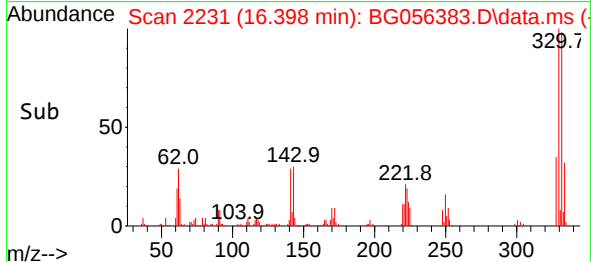
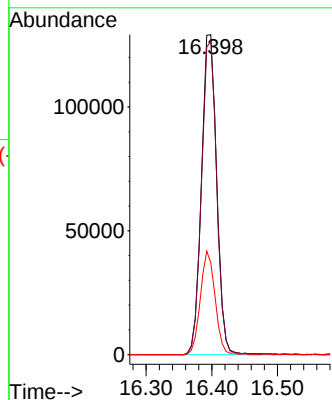


#42
 2,4,6-Tribromophenol
 Concen: 168.444 ng
 RT: 16.398 min Scan# 21
 Delta R.T. -0.004 min
 Lab File: BG056383.D
 Acq: 23 Jan 2023 14:20

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1-2-3A

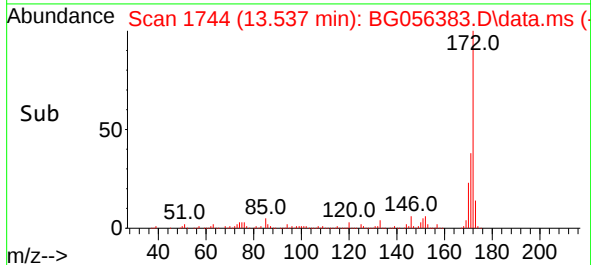
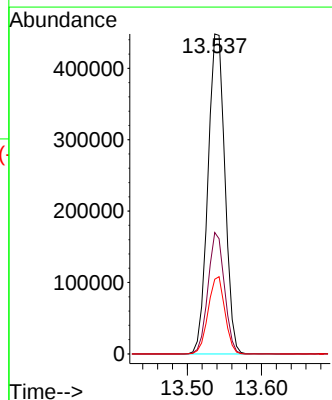
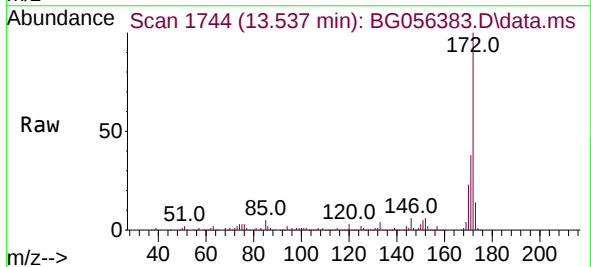


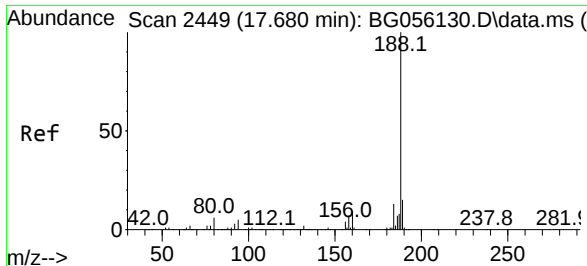
Tgt Ion:330 Resp: 206686
 Ion Ratio Lower Upper
 330 100
 332 97.9 77.3 115.9
 141 31.3 27.9 41.9



#45
 2-Fluorobiphenyl
 Concen: 101.105 ng
 RT: 13.537 min Scan# 1744
 Delta R.T. -0.010 min
 Lab File: BG056383.D
 Acq: 23 Jan 2023 14:20

Tgt Ion:172 Resp: 709360
 Ion Ratio Lower Upper
 172 100
 171 37.9 29.6 44.4
 170 23.3 19.4 29.2

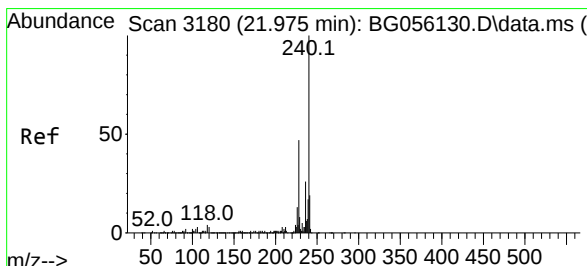
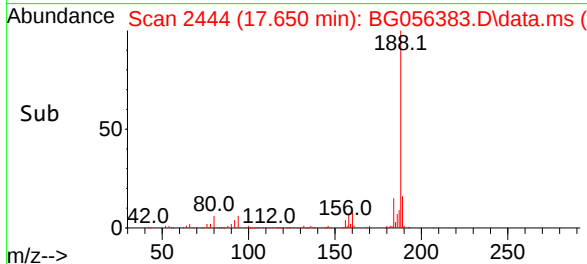
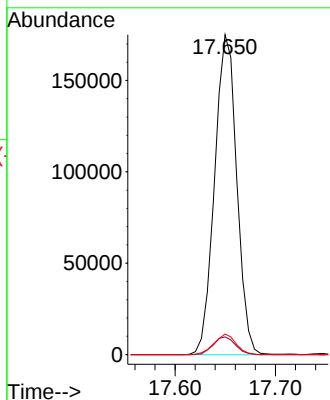
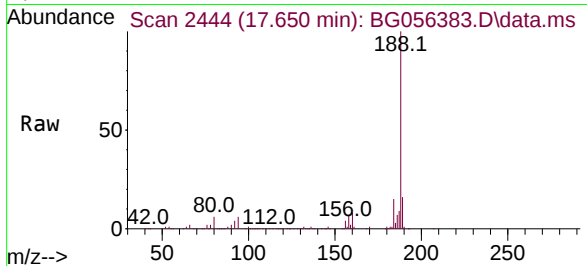




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.650 min Scan# 2449
Delta R.T. -0.010 min
Lab File: BG056383.D
Acq: 23 Jan 2023 14:20

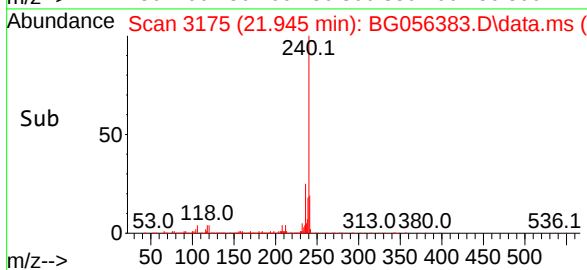
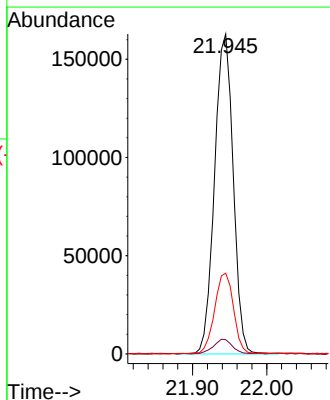
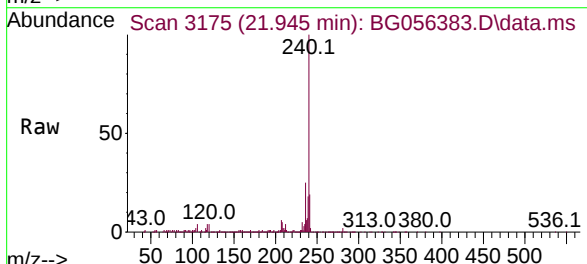
Instrument :
BNA_G
ClientSampleId :
COMP-1-2-3A

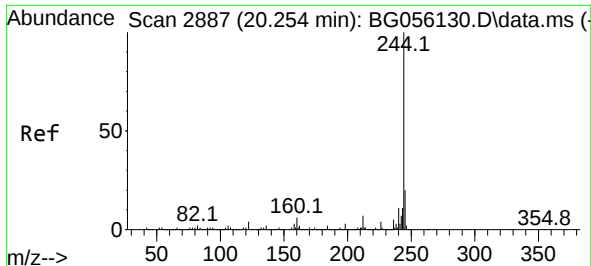
Tgt Ion:188 Resp: 269005
Ion Ratio Lower Upper
188 100
94 5.5 4.2 6.2
80 6.4 5.0 7.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.945 min Scan# 3175
Delta R.T. -0.010 min
Lab File: BG056383.D
Acq: 23 Jan 2023 14:20

Tgt Ion:240 Resp: 284362
Ion Ratio Lower Upper
240 100
120 4.4 2.6 4.0#
236 25.2 20.8 31.2

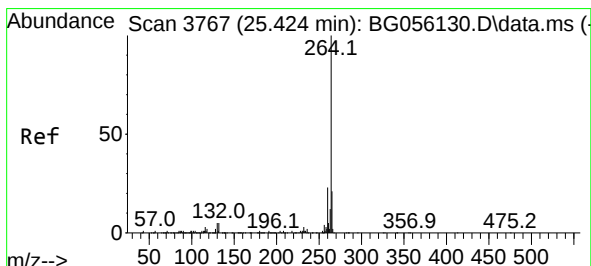
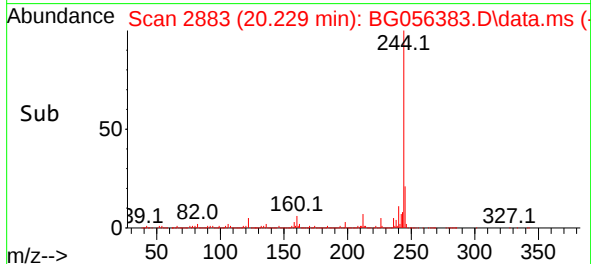
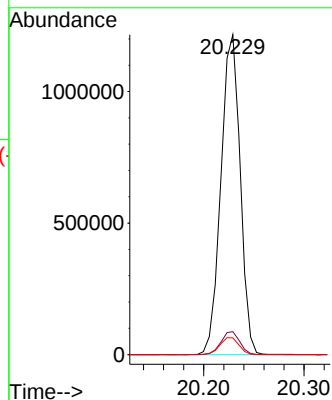
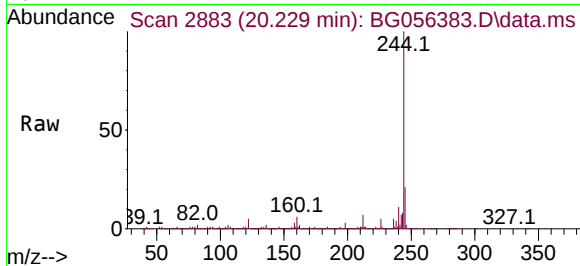




#79
 Terphenyl-d14
 Concen: 102.330 ng
 RT: 20.229 min Scan# 2883
 Delta R.T. -0.004 min
 Lab File: BG056383.D
 Acq: 23 Jan 2023 14:20

Instrument :
 BNA_G
 ClientSampleId :
 COMP-1-2-3A

Tgt Ion:244 Resp: 1624672
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.7 8.5
 122 5.2 3.5 5.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.376 min Scan# 3759
 Delta R.T. -0.016 min
 Lab File: BG056383.D
 Acq: 23 Jan 2023 14:20

Tgt Ion:264 Resp: 300098
 Ion Ratio Lower Upper
 264 100
 260 23.2 18.6 28.0
 265 20.0 16.7 25.1

