

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
 Data File : BG056416.D
 Acq On : 24 Jan 2023 23:57
 Operator : CG/JU
 Sample : 01254-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-04-012023

Quant Time: Jan 25 05:36:38 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)

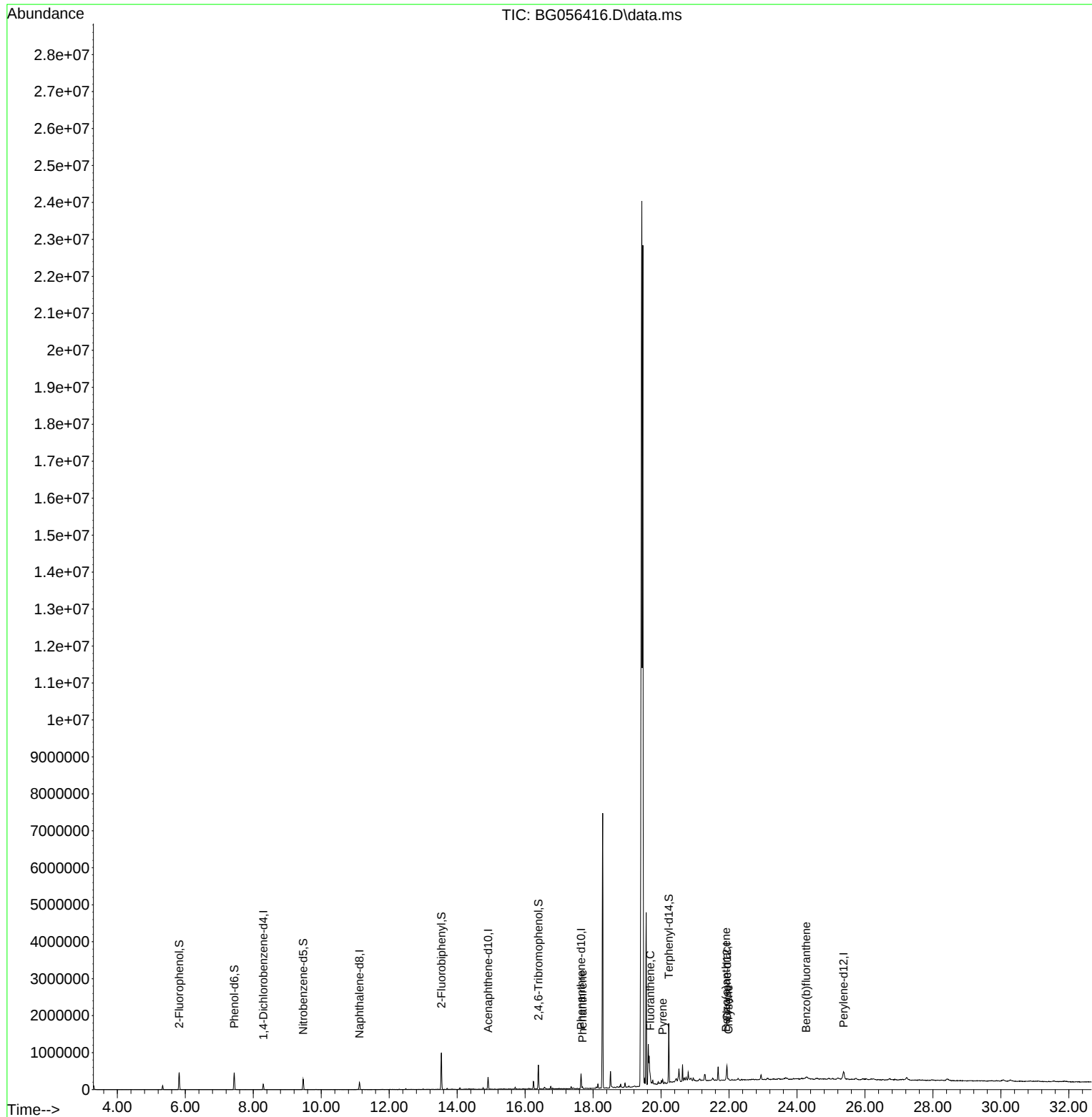
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.293	152	48835	20.000	ng	0.00
21) Naphthalene-d8	11.125	136	181855	20.000	ng	0.00
39) Acenaphthene-d10	14.909	164	125545	20.000	ng	0.00
64) Phenanthrene-d10	17.647	188	278315	20.000	ng	0.00
76) Chrysene-d12	21.936	240	260053	20.000	ng	# 0.00
86) Perylene-d12	25.367	264	277967	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.819	112	269035	98.364	ng	0.00
7) Phenol-d6	7.441	99	365541	87.027	ng	0.00
23) Nitrobenzene-d5	9.468	82	194144	54.608	ng	0.00
42) 2,4,6-Tribromophenol	16.389	330	141055	88.713	ng	0.00
45) 2-Fluorobiphenyl	13.534	172	565947	62.250	ng	0.00
79) Terphenyl-d14	20.226	244	837652	57.691	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.688	178	33485	2.322	ng	96
75) Fluoranthene	19.680	202	83240	4.424	ng	97
78) Pyrene	20.044	202	81990	4.473	ng	100
81) Benzo(a)anthracene	21.912	228	39509	2.163	ng	# 92
83) Chrysene	21.983	228	40868	2.389	ng	# 86
88) Benzo(b)fluoranthene	24.268	252	52492	2.972	ng	# 42

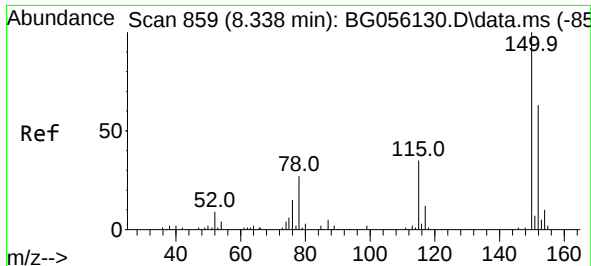
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012423\
Data File : BG056416.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG122722.M
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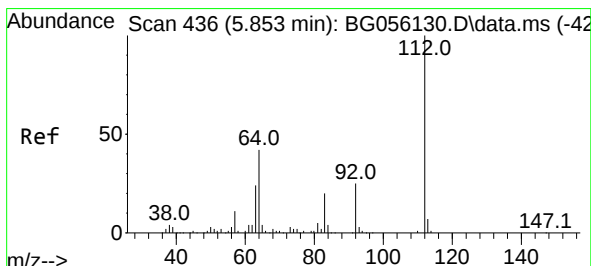
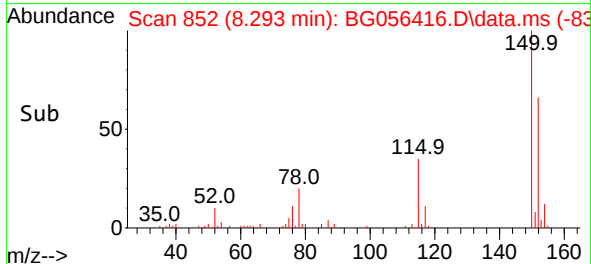
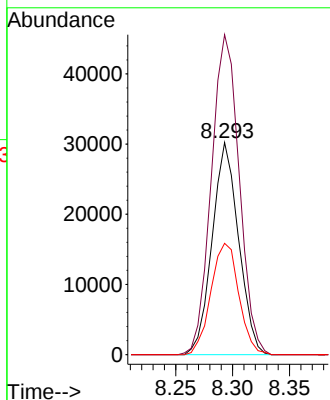
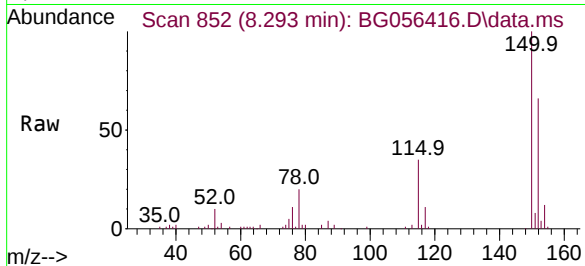




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.293 min Scan# 81
Delta R.T. -0.000 min
Lab File: BG056416.D
Acq: 24 Jan 2023 23:57

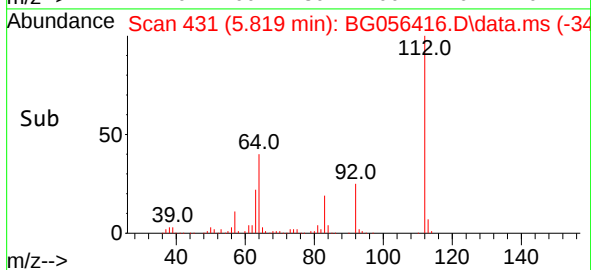
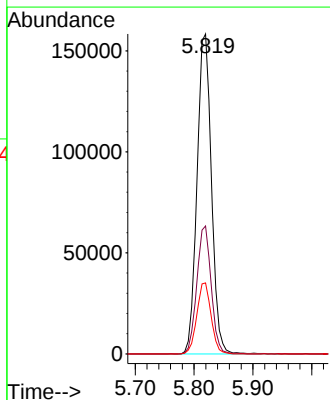
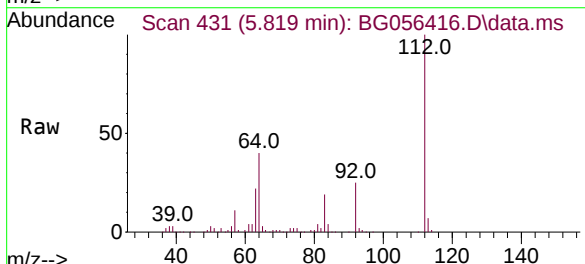
Instrument :
BNA_G
ClientSampleId :
HR-04-012023

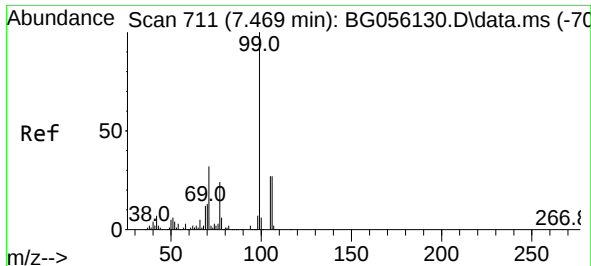
Tgt Ion:152 Resp: 48835
Ion Ratio Lower Upper
152 100
150 150.9 127.9 191.9
115 52.5 44.2 66.2



#5
2-Fluorophenol
Concen: 98.364 ng
RT: 5.819 min Scan# 431
Delta R.T. 0.006 min
Lab File: BG056416.D
Acq: 24 Jan 2023 23:57

Tgt Ion:112 Resp: 269035
Ion Ratio Lower Upper
112 100
64 40.0 33.3 49.9
63 22.2 19.0 28.4

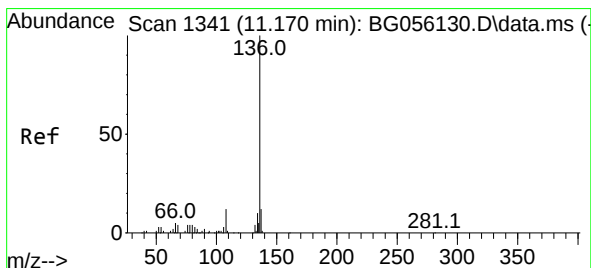
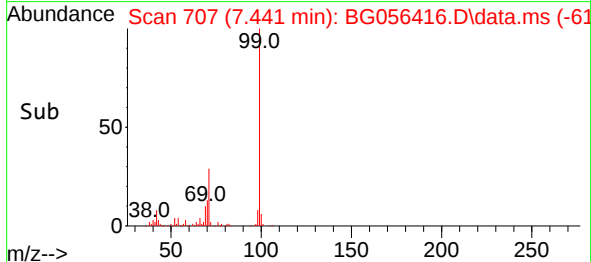
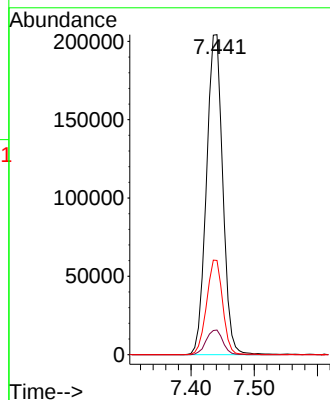
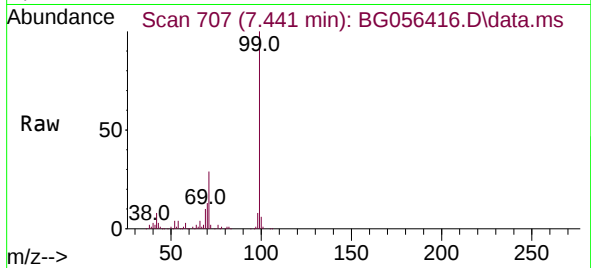




#7
Phenol-d6
Concen: 87.027 ng
RT: 7.441 min Scan# 70
Delta R.T. 0.006 min
Lab File: BG056416.D
Acq: 24 Jan 2023 23:57

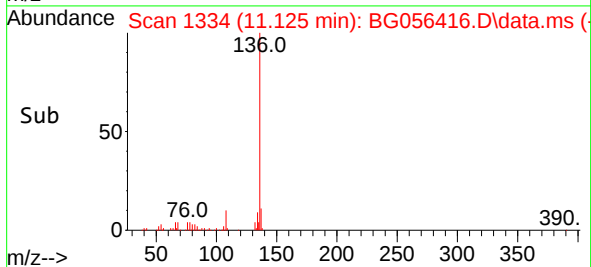
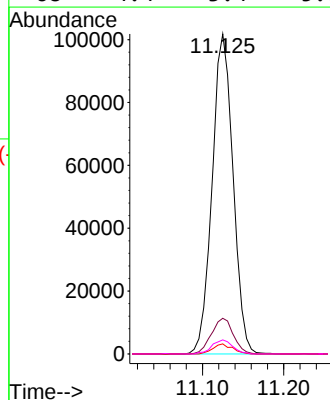
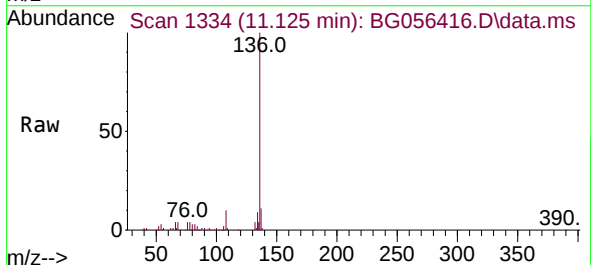
Instrument :
BNA_G
ClientSampleId :
HR-04-012023

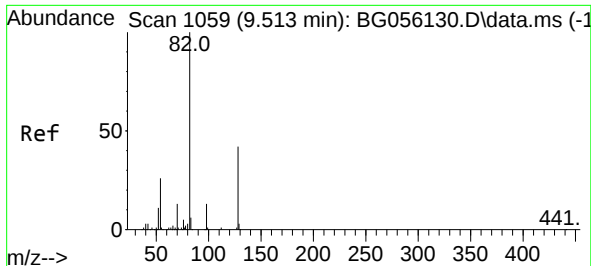
Tgt Ion: 99 Resp: 365541
Ion Ratio Lower Upper
99 100
42 7.7 5.9 8.9
71 29.4 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.125 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BG056416.D
Acq: 24 Jan 2023 23:57

Tgt Ion:136 Resp: 181855
Ion Ratio Lower Upper
136 100
137 11.1 9.4 14.0
54 3.1 2.2 3.2
68 4.4 3.4 5.0

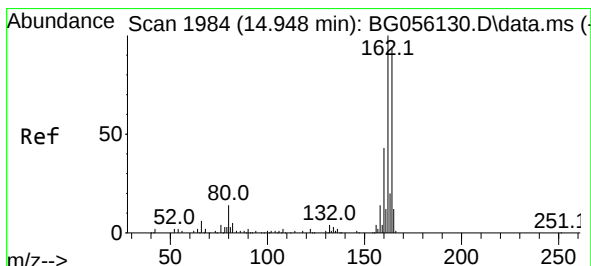
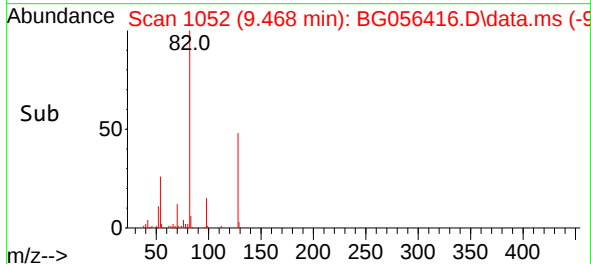
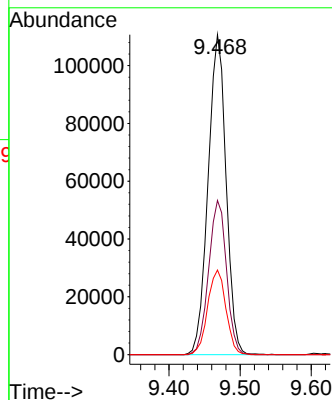
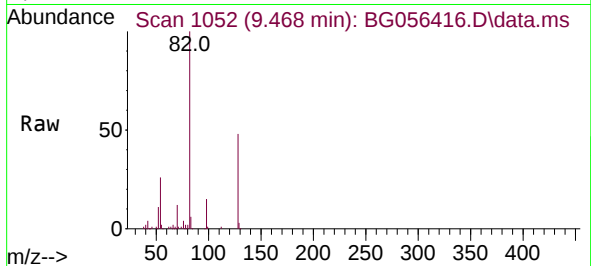




#23
Nitrobenzene-d5
Concen: 54.608 ng
RT: 9.468 min Scan# 1052
Delta R.T. -0.006 min
Lab File: BG056416.D
Acq: 24 Jan 2023 23:57

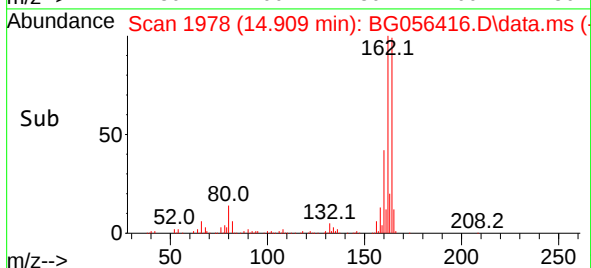
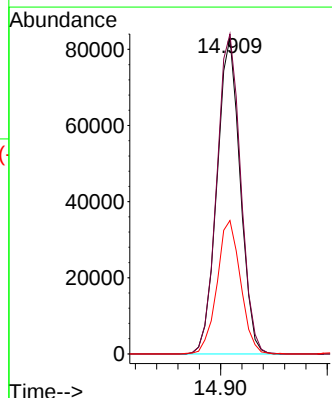
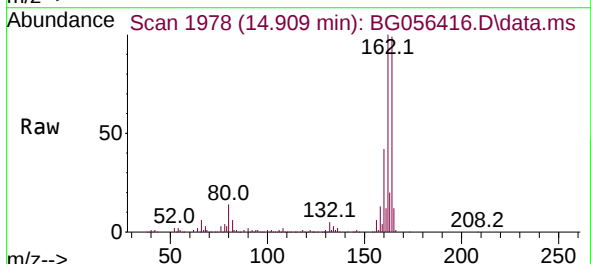
Instrument :
BNA_G
ClientSampleId :
HR-04-012023

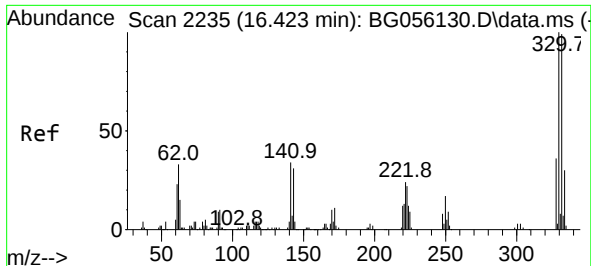
Tgt Ion: 82 Resp: 194144
Ion Ratio Lower Upper
82 100
128 48.2 33.4 50.2
54 26.4 20.3 30.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.909 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BG056416.D
Acq: 24 Jan 2023 23:57

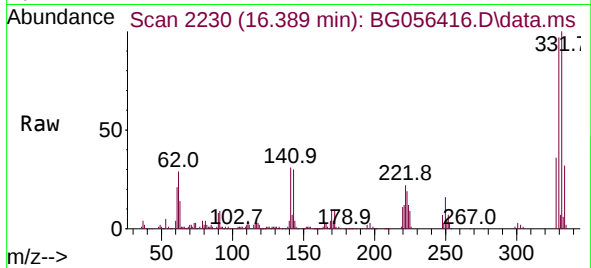
Tgt Ion:164 Resp: 125545
Ion Ratio Lower Upper
164 100
162 101.2 84.7 127.1
160 42.2 36.3 54.5



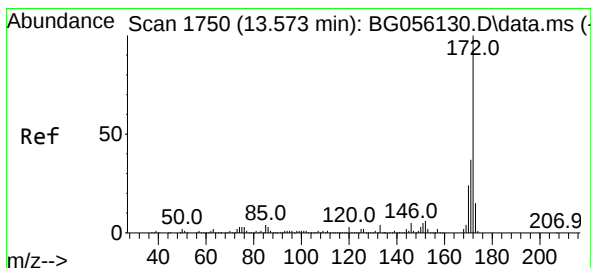
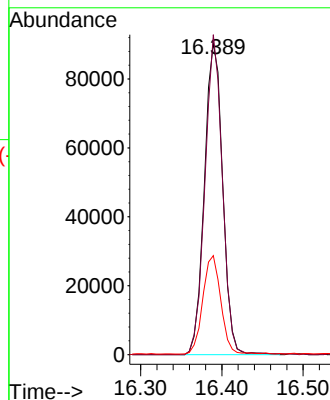
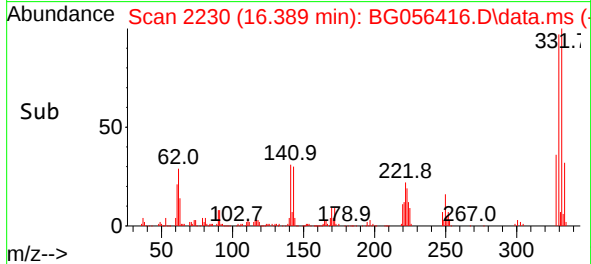


#42
 2,4,6-Tribromophenol
 Concen: 88.713 ng
 RT: 16.389 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BG056416.D
 Acq: 24 Jan 2023 23:57

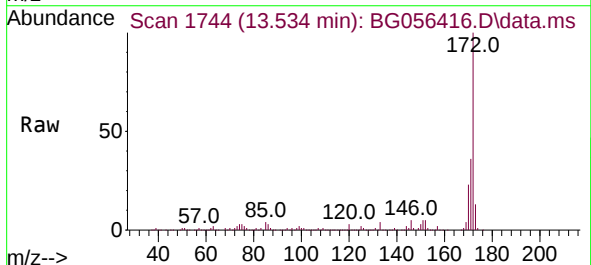
Instrument :
 BNA_G
 ClientSampleId :
 HR-04-012023



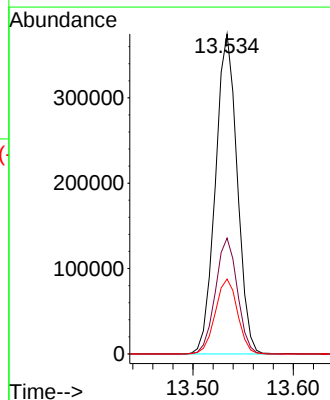
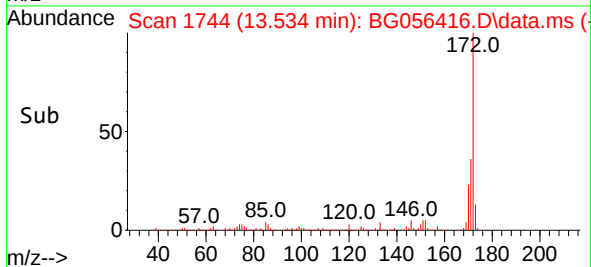
Tgt Ion:330 Resp: 141055
 Ion Ratio Lower Upper
 330 100
 332 98.3 77.3 115.9
 141 31.1 27.9 41.9

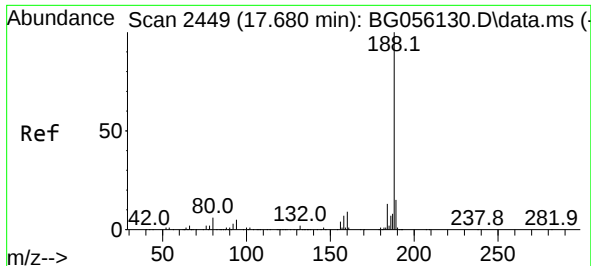


#45
 2-Fluorobiphenyl
 Concen: 62.250 ng
 RT: 13.534 min Scan# 1744
 Delta R.T. -0.006 min
 Lab File: BG056416.D
 Acq: 24 Jan 2023 23:57



Tgt Ion:172 Resp: 565947
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 23.4 19.4 29.2

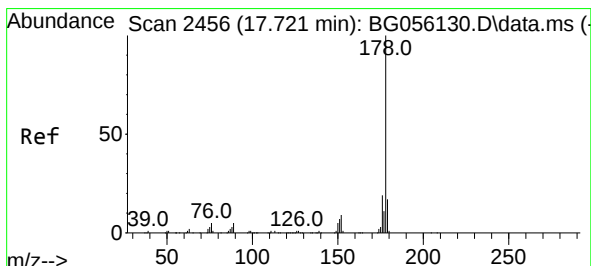
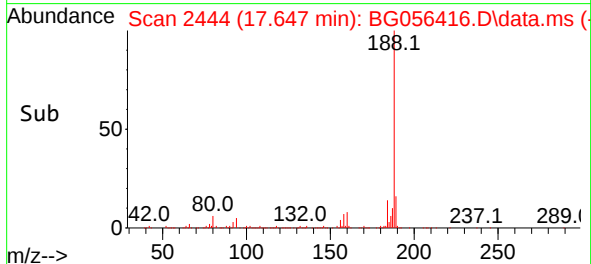
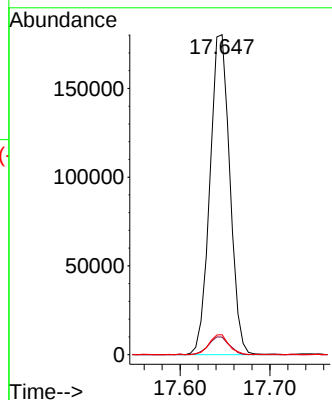
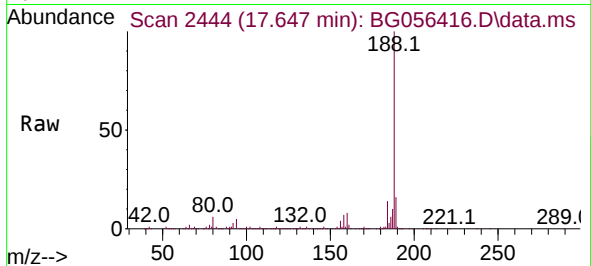




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.647 min Scan# 2449
Delta R.T. -0.006 min
Lab File: BG056416.D
Acq: 24 Jan 2023 23:57

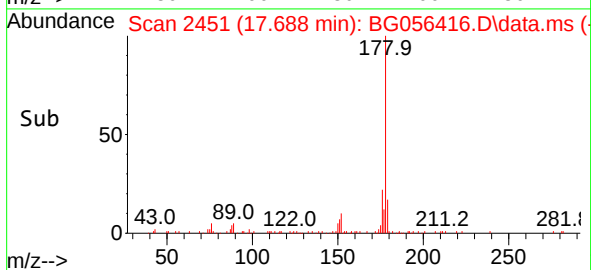
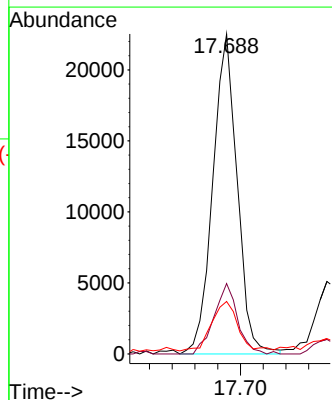
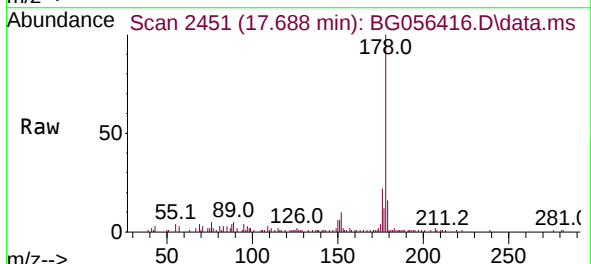
Instrument :
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ClientSampleId :
HR-04-012023

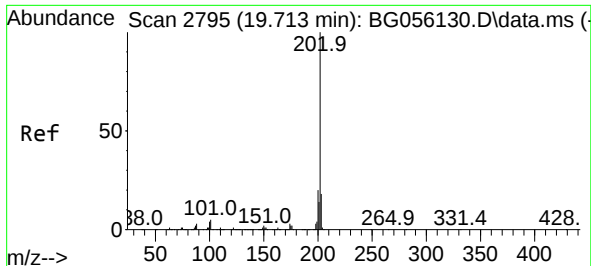
Tgt Ion:188 Resp: 278315
Ion Ratio Lower Upper
188 100
94 5.5 4.2 6.2
80 6.2 5.0 7.4



#71
Phenanthrene
Concen: 2.322 ng
RT: 17.688 min Scan# 2451
Delta R.T. -0.006 min
Lab File: BG056416.D
Acq: 24 Jan 2023 23:57

Tgt Ion:178 Resp: 33485
Ion Ratio Lower Upper
178 100
176 22.0 15.4 23.0
179 16.4 13.6 20.4

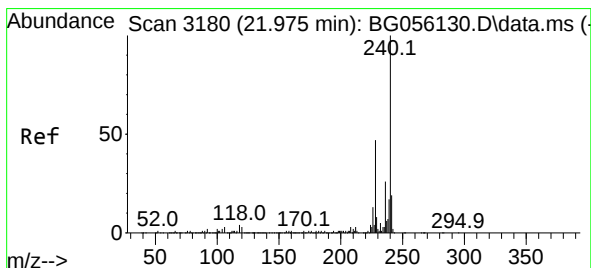
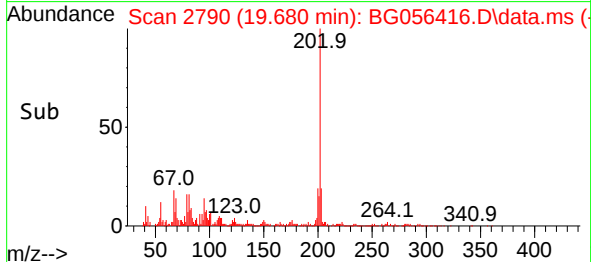
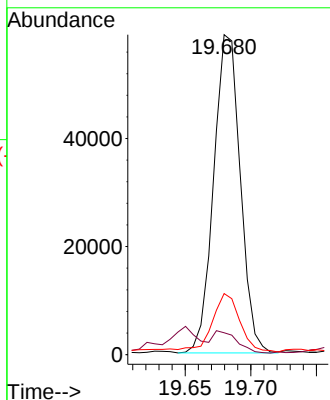
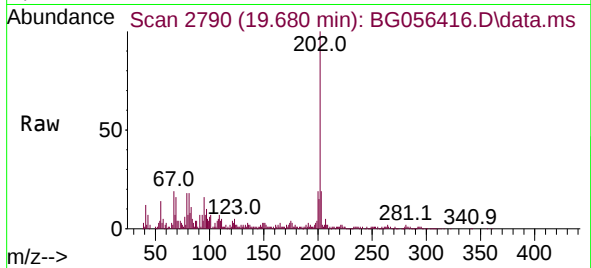




#75
Fluoranthene
Concen: 4.424 ng
RT: 19.680 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG056416.D
Acq: 24 Jan 2023 23:57

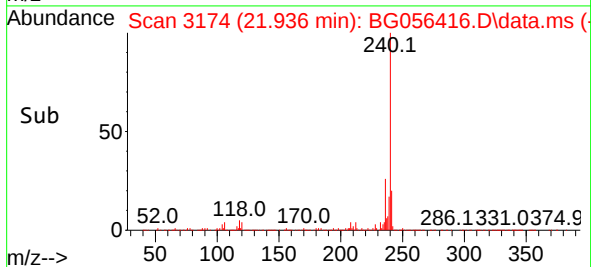
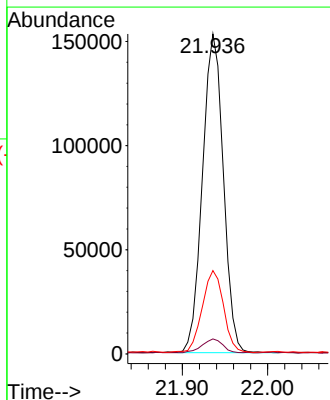
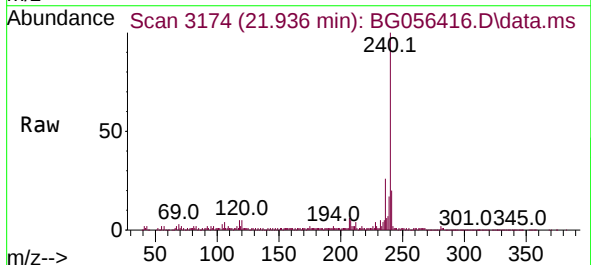
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HR-04-012023

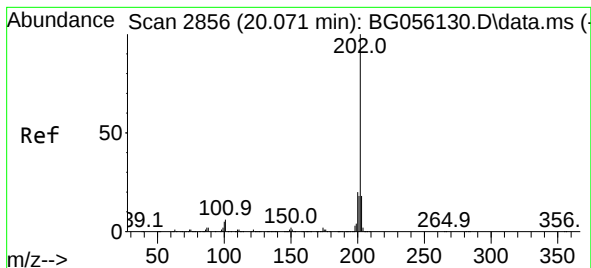
Tgt Ion:202 Resp: 83240
Ion Ratio Lower Upper
202 100
101 6.8 0.0 25.0
203 19.1 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.936 min Scan# 3174
Delta R.T. -0.006 min
Lab File: BG056416.D
Acq: 24 Jan 2023 23:57

Tgt Ion:240 Resp: 260053
Ion Ratio Lower Upper
240 100
120 4.7 2.6 4.0#
236 26.0 20.8 31.2





#78

Pyrene

Concen: 4.473 ng

RT: 20.044 min Scan# 2852

Delta R.T. -0.000 min

Lab File: BG056416.D

Acq: 24 Jan 2023 23:57

Instrument :

BNA_G

ClientSampleId :

HR-04-012023

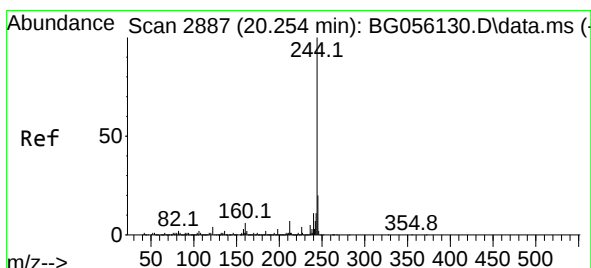
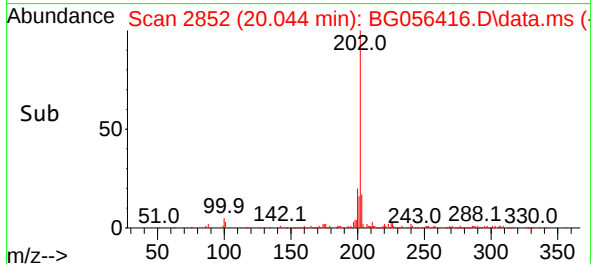
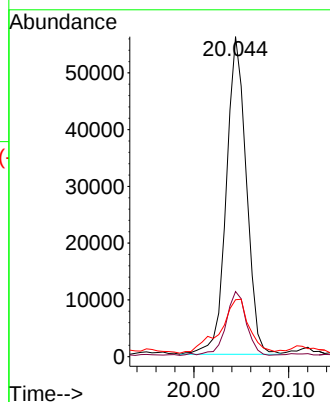
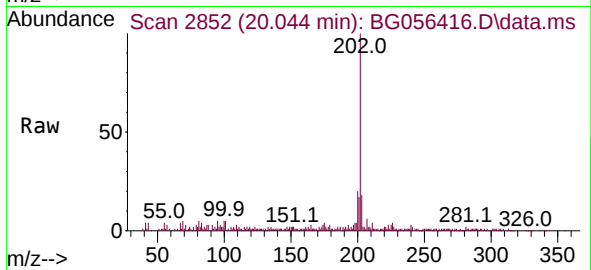
Tgt Ion:202 Resp: 81990

Ion Ratio Lower Upper

202 100

200 20.3 16.4 24.6

203 17.8 14.3 21.5



#79

Terphenyl-d14

Concen: 57.691 ng

RT: 20.226 min Scan# 2883

Delta R.T. -0.000 min

Lab File: BG056416.D

Acq: 24 Jan 2023 23:57

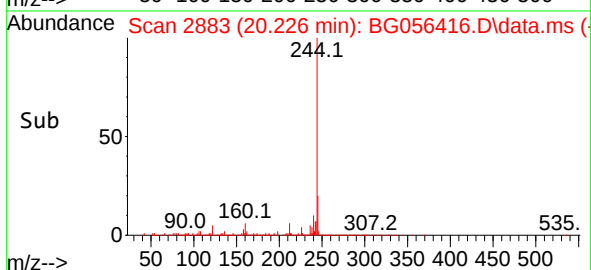
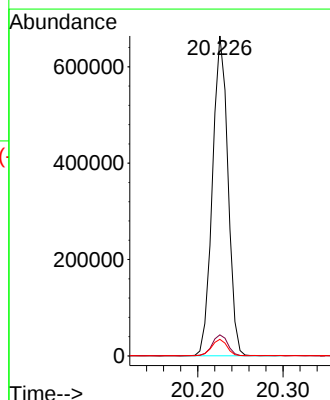
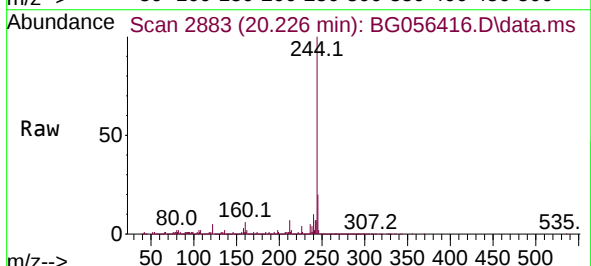
Tgt Ion:244 Resp: 837652

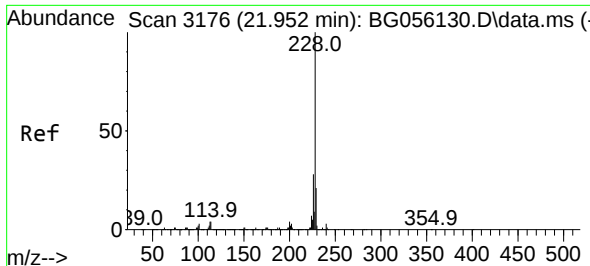
Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

122 5.2 3.5 5.3

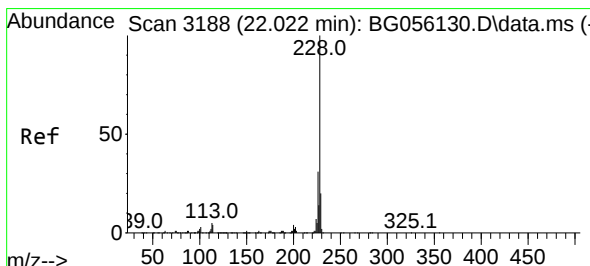
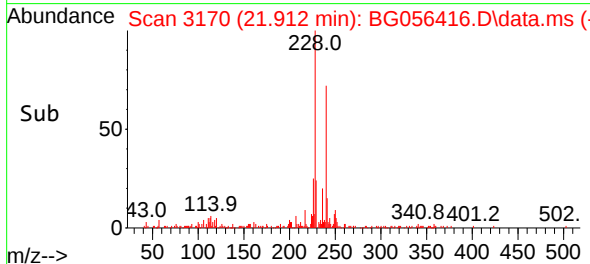
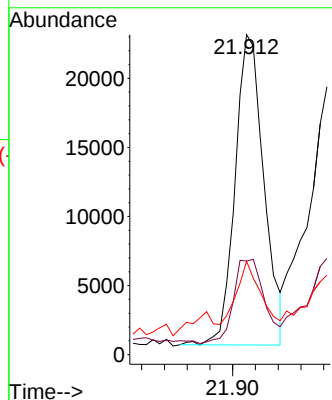
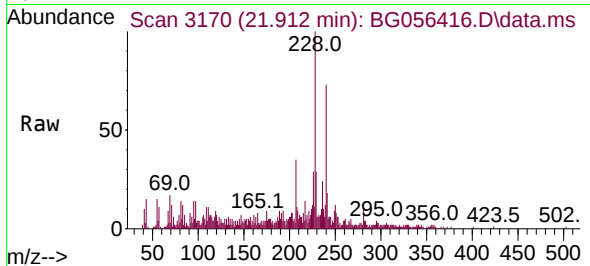




#81
Benzo(a)anthracene
Concen: 2.163 ng
RT: 21.912 min Scan# 3176
Delta R.T. -0.012 min
Lab File: BG056416.D
Acq: 24 Jan 2023 23:57

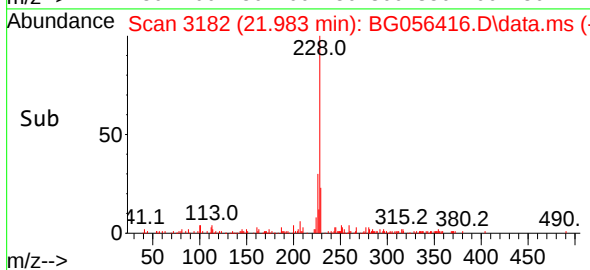
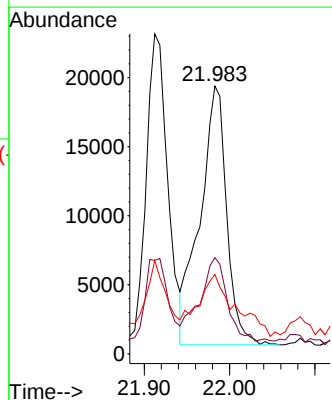
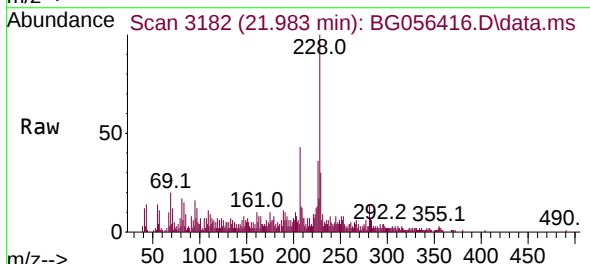
Instrument :
BNA_G
ClientSampleId :
HR-04-012023

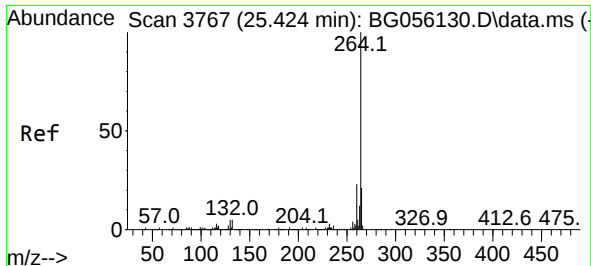
Tgt Ion:228 Resp: 39509
Ion Ratio Lower Upper
228 100
226 29.2 22.6 34.0
229 29.2 16.9 25.3#



#83
Chrysene
Concen: 2.389 ng
RT: 21.983 min Scan# 3182
Delta R.T. -0.012 min
Lab File: BG056416.D
Acq: 24 Jan 2023 23:57

Tgt Ion:228 Resp: 40868
Ion Ratio Lower Upper
228 100
226 35.9 24.6 36.8
229 29.6 15.8 23.6#

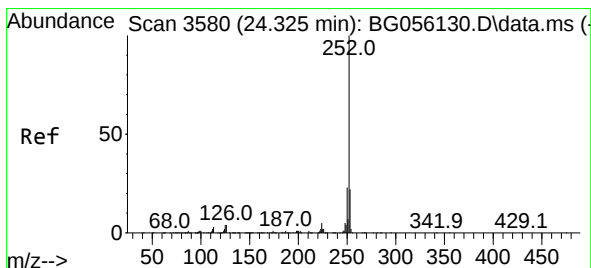
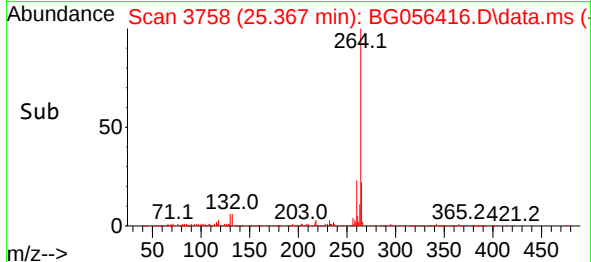
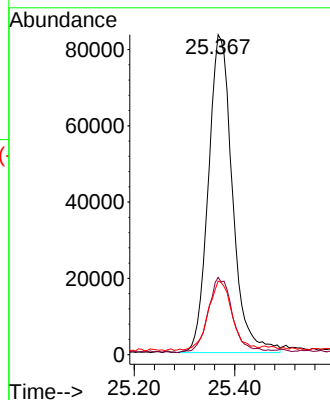
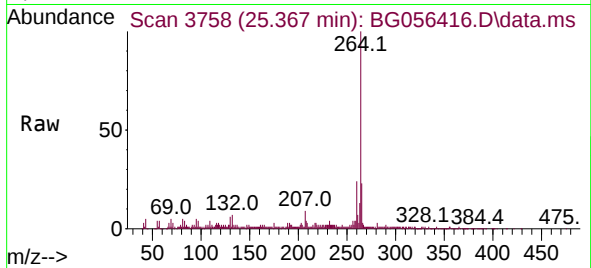




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.367 min Scan# 31
 Delta R.T. -0.006 min
 Lab File: BG056416.D
 Acq: 24 Jan 2023 23:57

Instrument :
 BNA_G
 ClientSampleId :
 HR-04-012023

Tgt Ion:264 Resp: 277967
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 23.0 16.7 25.1



#88
 Benzo(b)fluoranthene
 Concen: 2.972 ng
 RT: 24.268 min Scan# 3571
 Delta R.T. -0.012 min
 Lab File: BG056416.D
 Acq: 24 Jan 2023 23:57

Tgt Ion:252 Resp: 52492
 Ion Ratio Lower Upper
 252 100
 253 52.5 17.4 26.2#
 125 9.7 3.0 4.4#

