

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012323\
 Data File : BG056390.D
 Acq On : 23 Jan 2023 19:09
 Operator : CG/JU
 Sample : 01233-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 B-P37A

Quant Time: Jan 24 01:23:45 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)

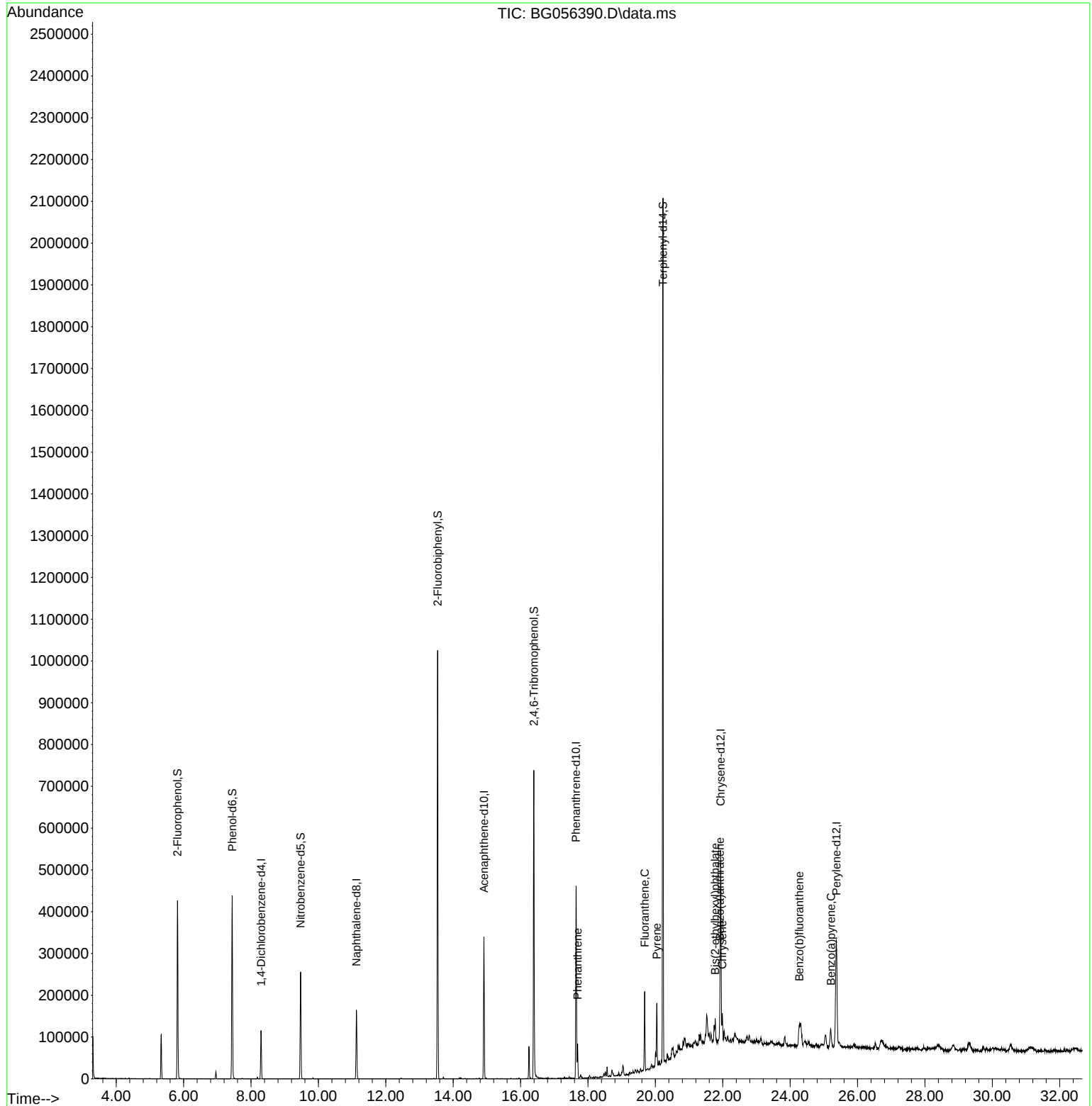
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.296	152	38461	20.000	ng	0.00
21) Naphthalene-d8	11.128	136	155511	20.000	ng	0.00
39) Acenaphthene-d10	14.912	164	129252	20.000	ng	0.00
64) Phenanthrene-d10	17.644	188	335669	20.000	ng	-0.02
76) Chrysene-d12	21.939	240	299254	20.000	ng	#-0.02
86) Perylene-d12	25.370	264	323323	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.817	112	241042	111.900	ng	0.00
7) Phenol-d6	7.438	99	338643	102.369	ng	0.00
23) Nitrobenzene-d5	9.471	82	178808	58.815	ng	-0.02
42) 2,4,6-Tribromophenol	16.393	330	165438	101.064	ng	0.00
45) 2-Fluorobiphenyl	13.537	172	590233	63.059	ng	0.00
79) Terphenyl-d14	20.223	244	1134737	67.915	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.691	178	54723	3.146	ng	98
75) Fluoranthene	19.683	202	131170	5.781	ng	99
78) Pyrene	20.041	202	103619	4.913	ng	98
81) Benzo(a)anthracene	21.916	228	50145	2.386	ng	98
83) Chrysene	21.986	228	56308	2.860	ng	98
84) Bis(2-ethylhexyl)phtha...	21.775	149	25154	2.885	ng	# 96
88) Benzo(b)fluoranthene	24.272	252	76181	3.708	ng	# 97
90) Benzo(a)pyrene	25.206	252	48873	2.439	ng	# 97

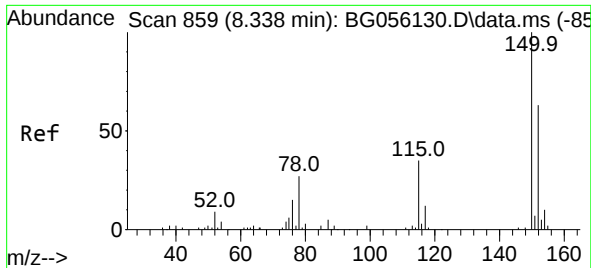
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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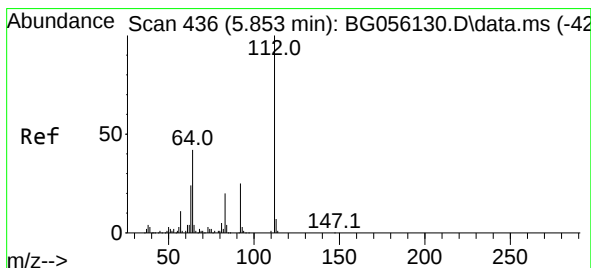
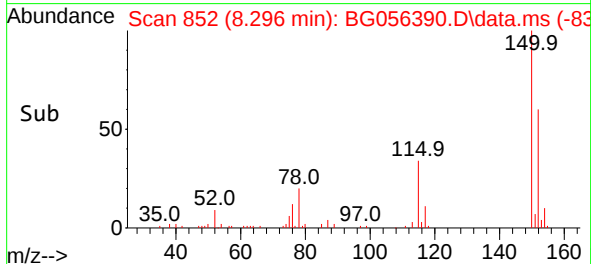
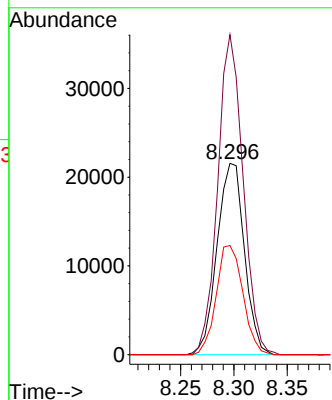
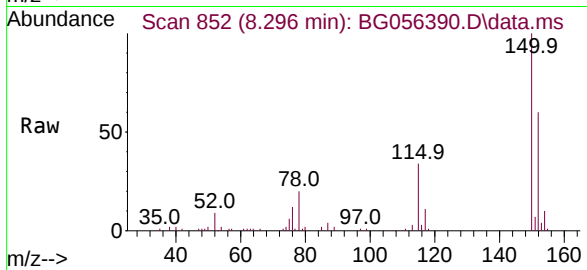




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.296 min Scan# 81
Delta R.T. -0.010 min
Lab File: BG056390.D
Acq: 23 Jan 2023 19:09

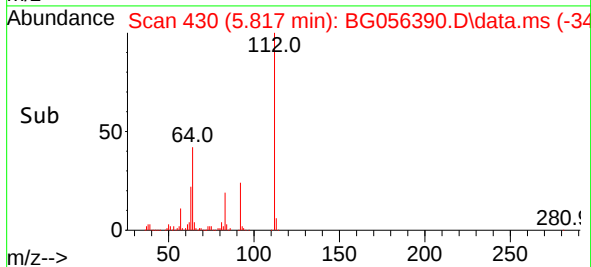
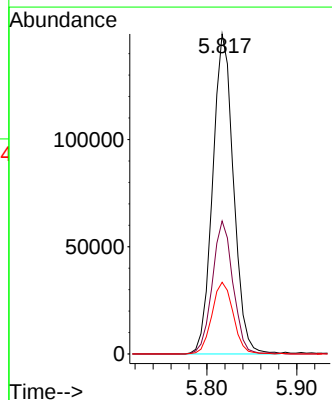
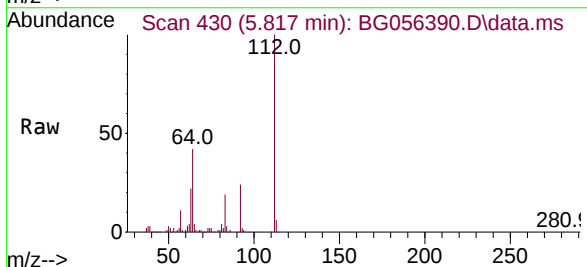
Instrument :
BNA_G
ClientSampleId :
B-P37A

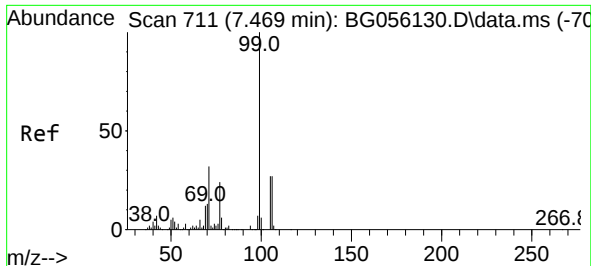
Tgt Ion:152 Resp: 38461
Ion Ratio Lower Upper
152 100
150 167.3 127.9 191.9
115 57.0 44.2 66.2



#5
2-Fluorophenol
Concen: 111.900 ng
RT: 5.817 min Scan# 430
Delta R.T. -0.010 min
Lab File: BG056390.D
Acq: 23 Jan 2023 19:09

Tgt Ion:112 Resp: 241042
Ion Ratio Lower Upper
112 100
64 41.5 33.3 49.9
63 22.4 19.0 28.4

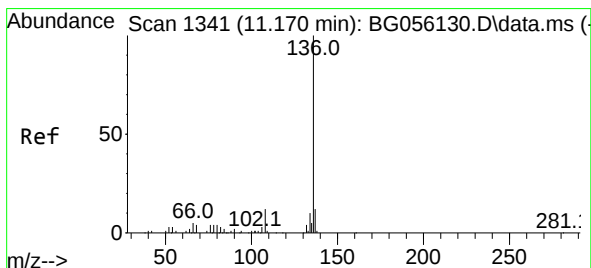
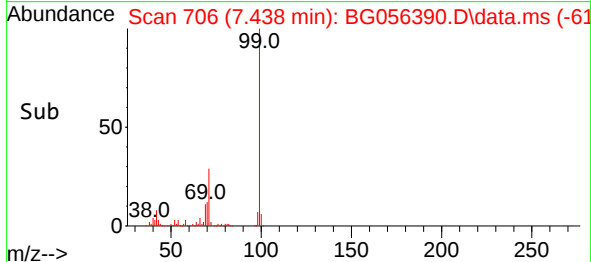
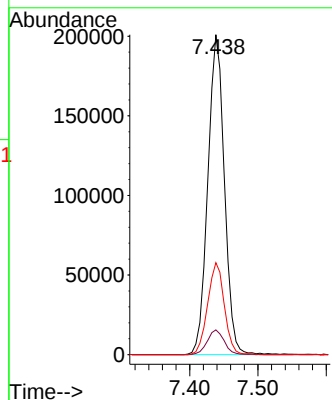
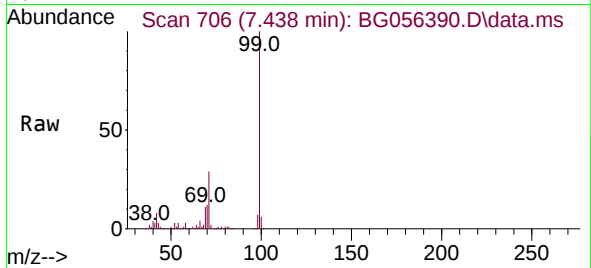




#7
Phenol-d6
Concen: 102.369 ng
RT: 7.438 min Scan# 70
Delta R.T. -0.010 min
Lab File: BG056390.D
Acq: 23 Jan 2023 19:09

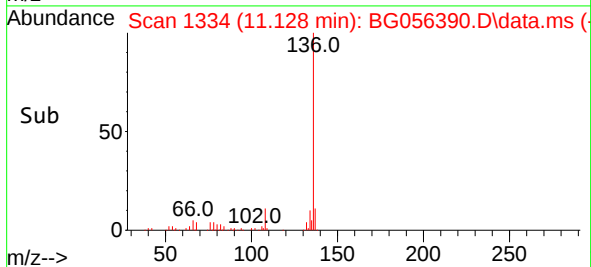
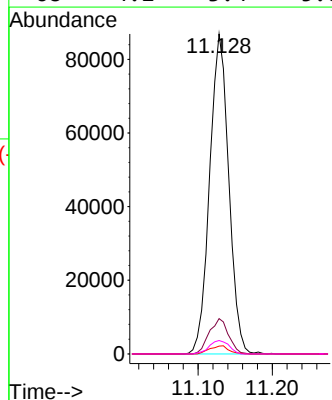
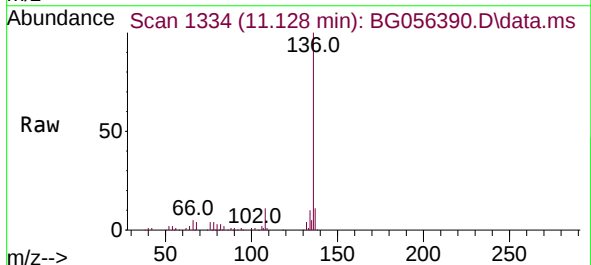
Instrument :
BNA_G
ClientSampleId :
B-P37A

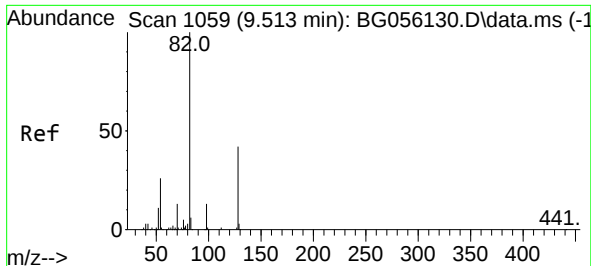
Tgt Ion: 99 Resp: 338643
Ion Ratio Lower Upper
99 100
42 7.7 5.9 8.9
71 28.7 25.4 38.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.128 min Scan# 1334
Delta R.T. -0.010 min
Lab File: BG056390.D
Acq: 23 Jan 2023 19:09

Tgt Ion: 136 Resp: 155511
Ion Ratio Lower Upper
136 100
137 11.0 9.4 14.0
54 2.4 2.2 3.2
68 4.2 3.4 5.0





#23

Nitrobenzene-d5

Concen: 58.815 ng

RT: 9.471 min Scan# 10

Delta R.T. -0.016 min

Lab File: BG056390.D

Acq: 23 Jan 2023 19:09

Instrument :

BNA_G

ClientSampleId :

B-P37A

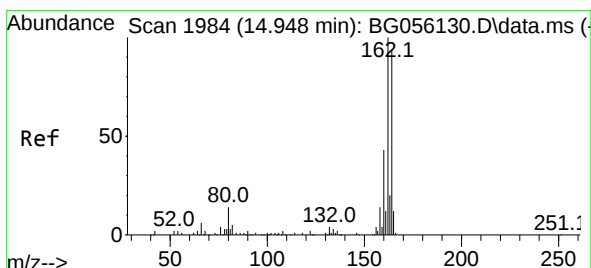
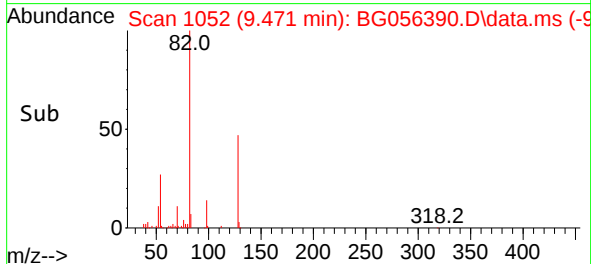
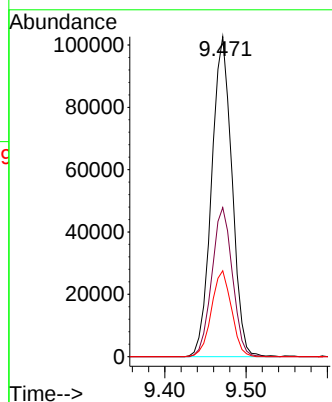
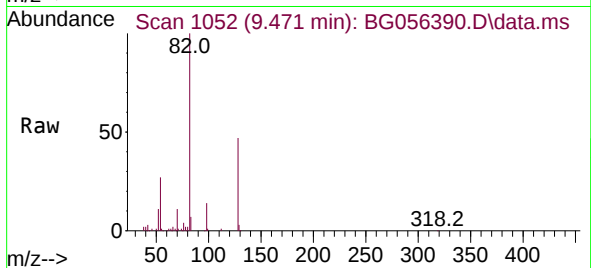
Tgt Ion: 82 Resp: 178808

Ion Ratio Lower Upper

82 100

128 46.6 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: BG056390.D

Acq: 23 Jan 2023 19:09

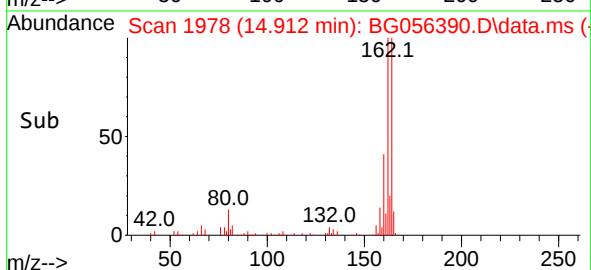
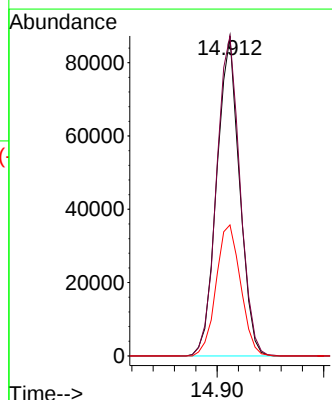
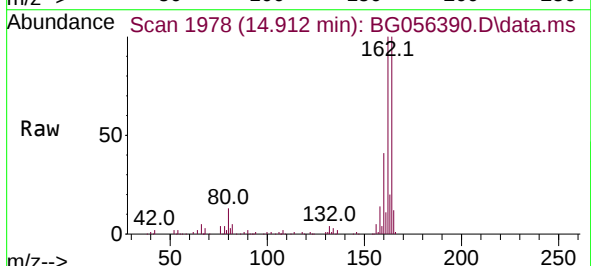
Tgt Ion:164 Resp: 129252

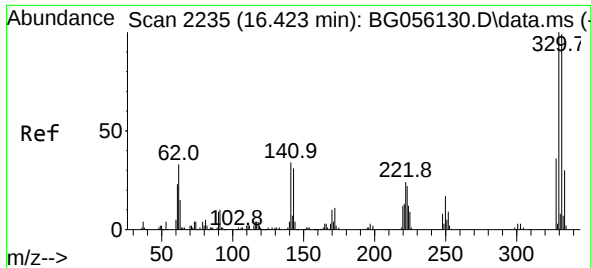
Ion Ratio Lower Upper

164 100

162 100.2 84.7 127.1

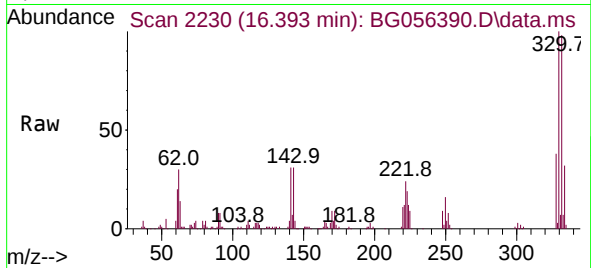
160 41.0 36.3 54.5



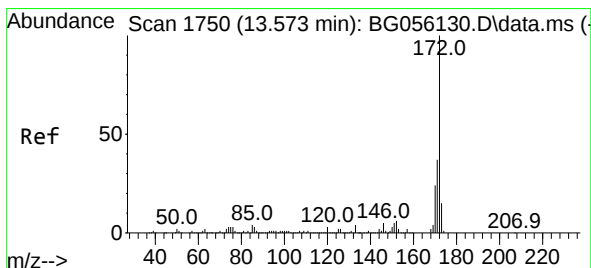
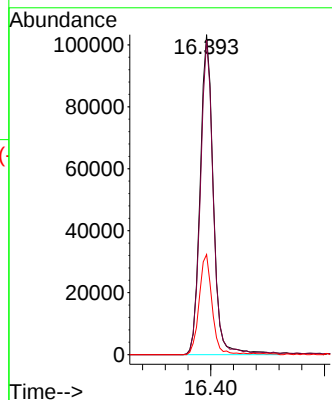
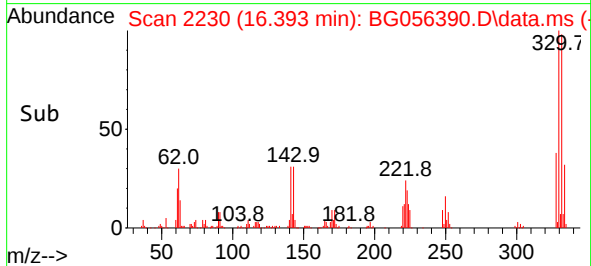


#42
 2,4,6-Tribromophenol
 Concen: 101.064 ng
 RT: 16.393 min Scan# 21
 Delta R.T. -0.010 min
 Lab File: BG056390.D
 Acq: 23 Jan 2023 19:09

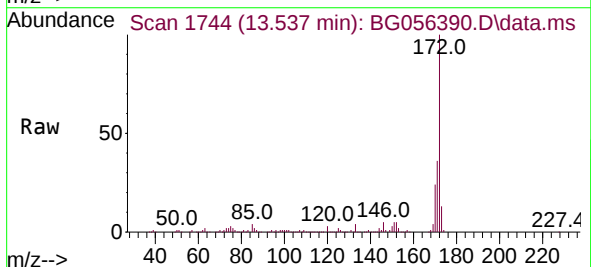
Instrument :
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 ClientSampleId :
 B-P37A



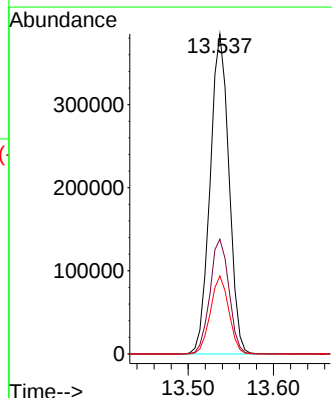
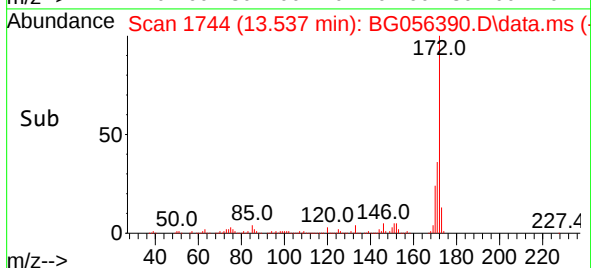
Tgt Ion:330 Resp: 165438
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 30.6 27.9 41.9

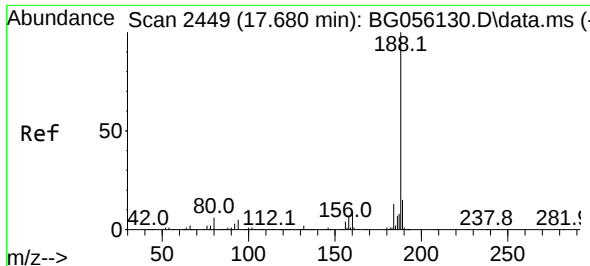


#45
 2-Fluorobiphenyl
 Concen: 63.059 ng
 RT: 13.537 min Scan# 1744
 Delta R.T. -0.010 min
 Lab File: BG056390.D
 Acq: 23 Jan 2023 19:09



Tgt Ion:172 Resp: 590233
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.6 44.4
 170 24.3 19.4 29.2

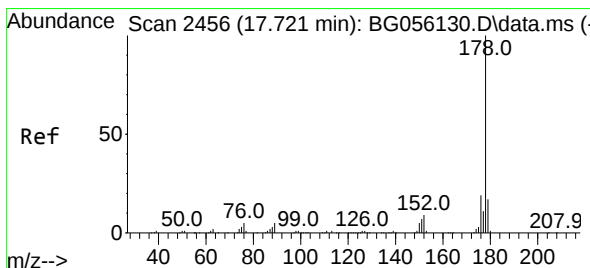
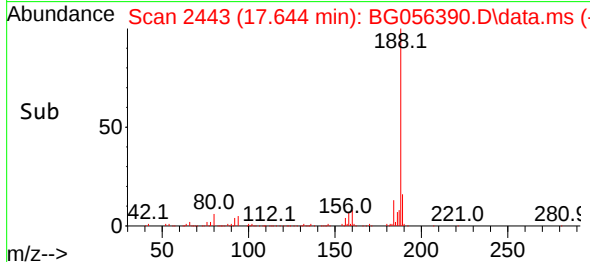
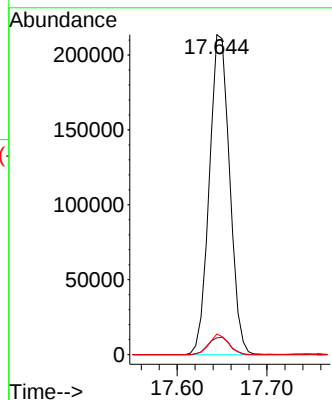
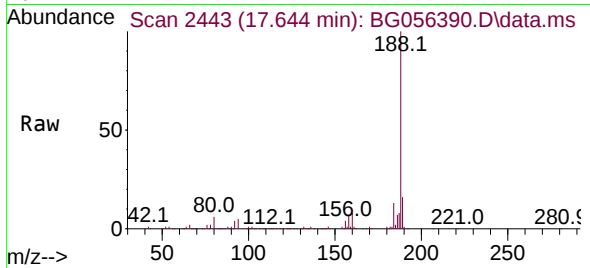




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.644 min Scan# 2449
Delta R.T. -0.016 min
Lab File: BG056390.D
Acq: 23 Jan 2023 19:09

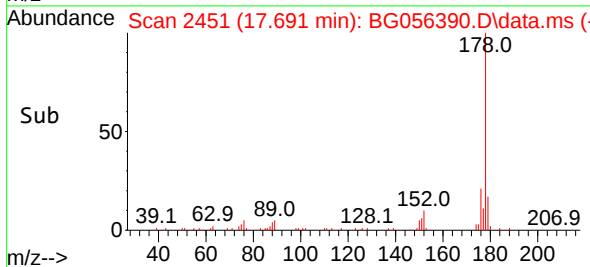
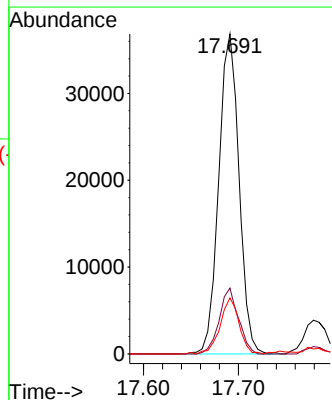
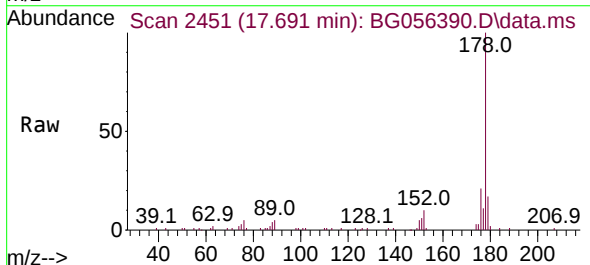
Instrument :
BNA_G
ClientSampleId :
B-P37A

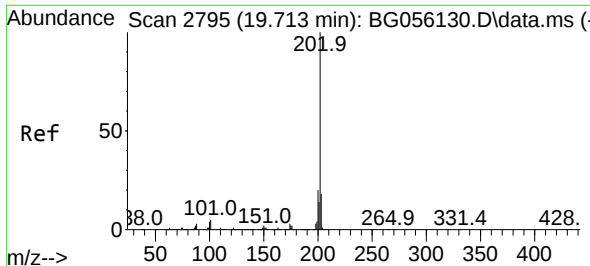
Tgt Ion:188 Resp: 335669
Ion Ratio Lower Upper
188 100
94 5.2 4.2 6.2
80 6.4 5.0 7.4



#71
Phenanthrene
Concen: 3.146 ng
RT: 17.691 min Scan# 2451
Delta R.T. -0.010 min
Lab File: BG056390.D
Acq: 23 Jan 2023 19:09

Tgt Ion:178 Resp: 54723
Ion Ratio Lower Upper
178 100
176 20.6 15.4 23.0
179 17.5 13.6 20.4

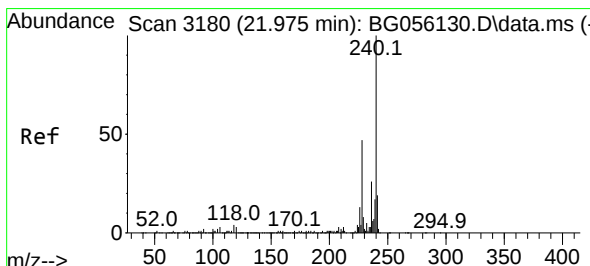
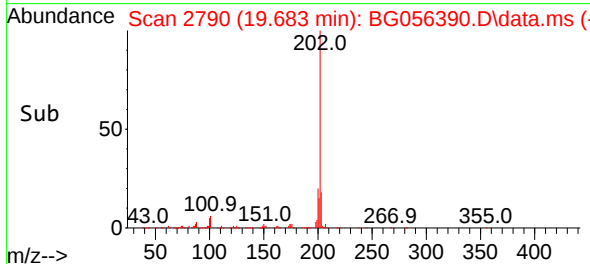
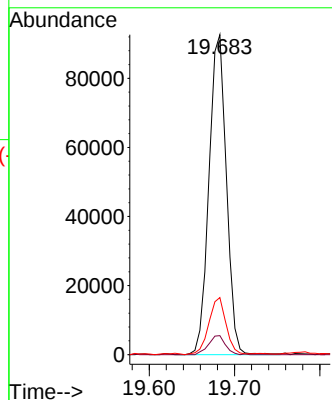
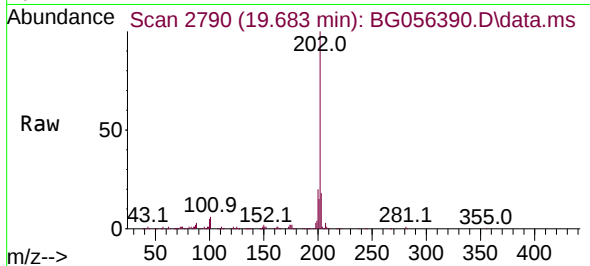




#75
Fluoranthene
Concen: 5.781 ng
RT: 19.683 min Scan# 21
Delta R.T. -0.010 min
Lab File: BG056390.D
Acq: 23 Jan 2023 19:09

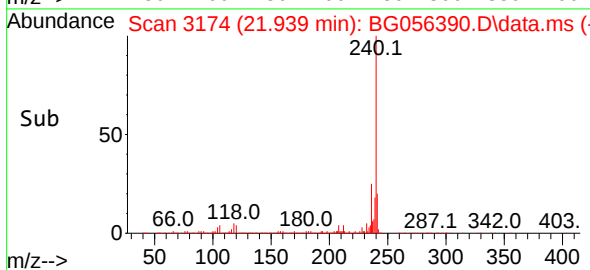
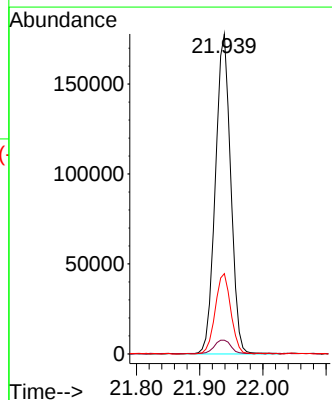
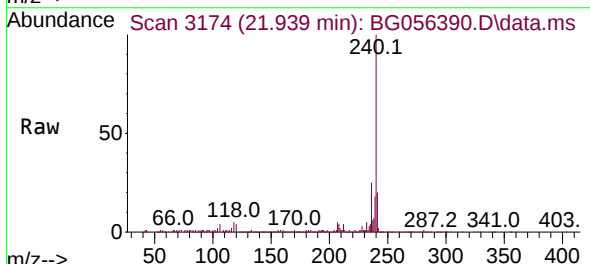
Instrument :
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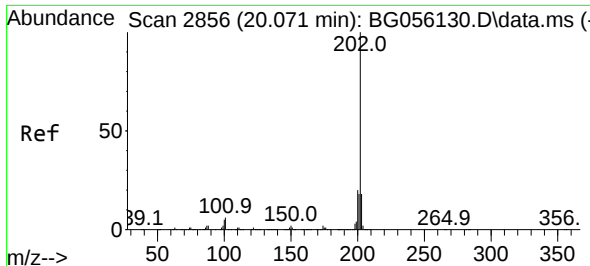
Tgt Ion:202 Resp: 131170
Ion Ratio Lower Upper
202 100
101 5.9 0.0 25.0
203 17.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.939 min Scan# 3174
Delta R.T. -0.016 min
Lab File: BG056390.D
Acq: 23 Jan 2023 19:09

Tgt Ion:240 Resp: 299254
Ion Ratio Lower Upper
240 100
120 4.3 2.6 4.0#
236 25.1 20.8 31.2

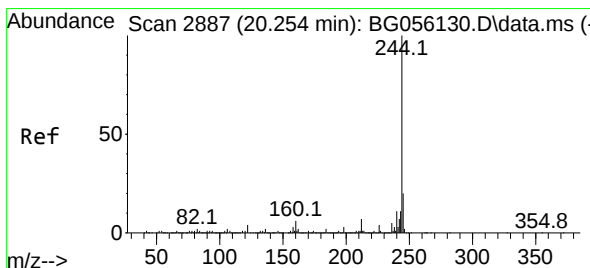
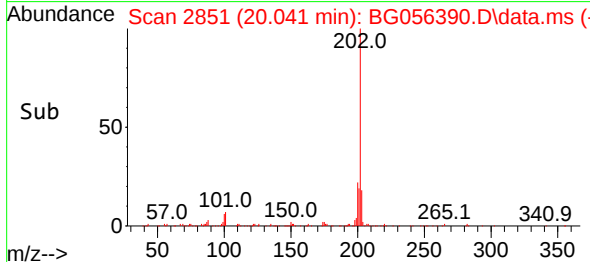
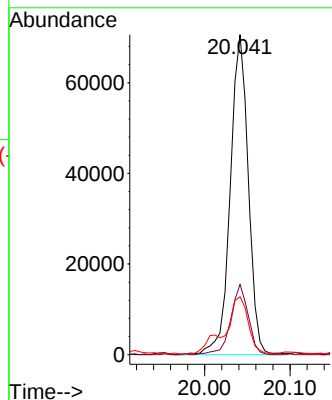
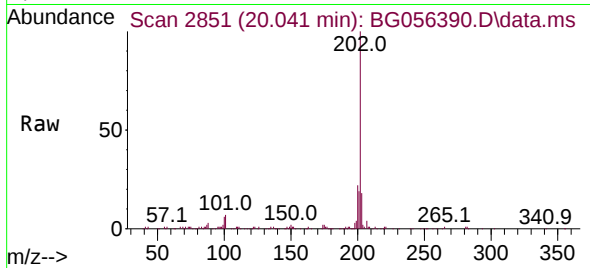




#78
 Pyrene
 Concen: 4.913 ng
 RT: 20.041 min Scan# 2851
 Delta R.T. -0.010 min
 Lab File: BG056390.D
 Acq: 23 Jan 2023 19:09

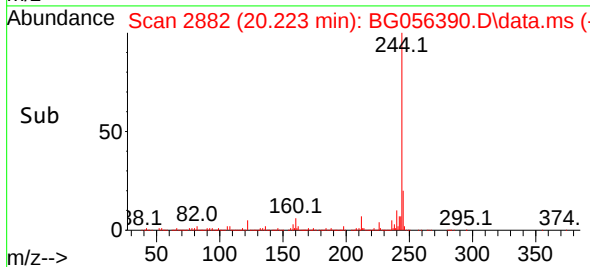
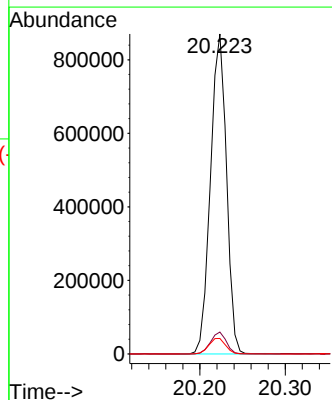
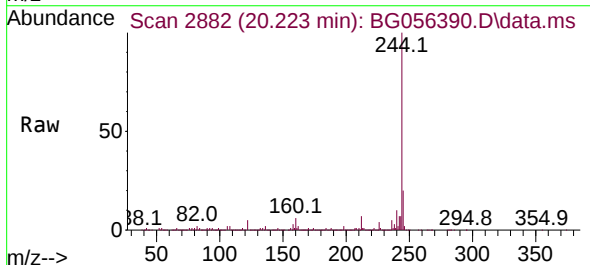
Instrument :
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 ClientSampleId :
 B-P37A

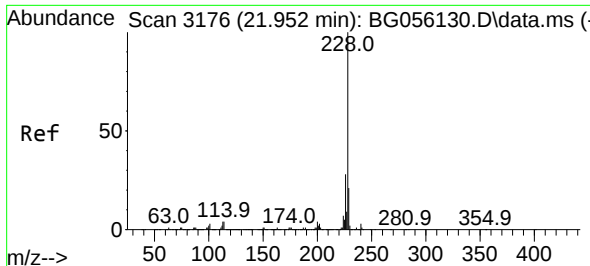
Tgt Ion:202 Resp: 103619
 Ion Ratio Lower Upper
 202 100
 200 21.9 16.4 24.6
 203 18.1 14.3 21.5



#79
 Terphenyl-d14
 Concen: 67.915 ng
 RT: 20.223 min Scan# 2882
 Delta R.T. -0.010 min
 Lab File: BG056390.D
 Acq: 23 Jan 2023 19:09

Tgt Ion:244 Resp: 1134737
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 4.8 3.5 5.3

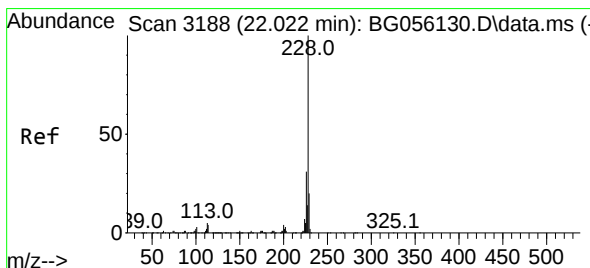
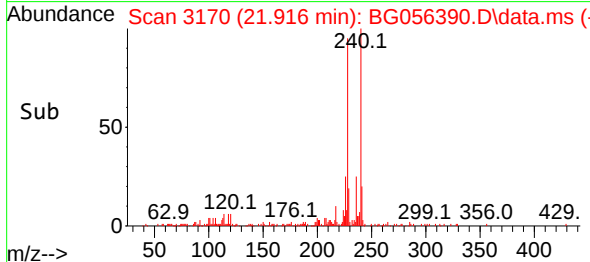
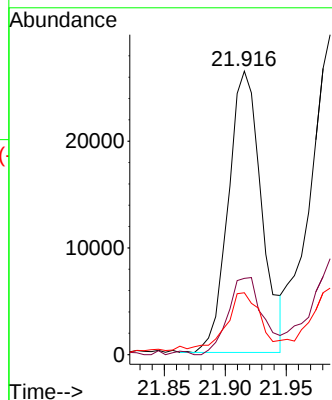
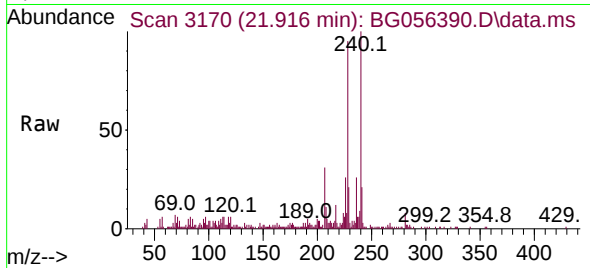




#81
Benzo(a)anthracene
Concen: 2.386 ng
RT: 21.916 min Scan# 3176
Delta R.T. -0.016 min
Lab File: BG056390.D
Acq: 23 Jan 2023 19:09

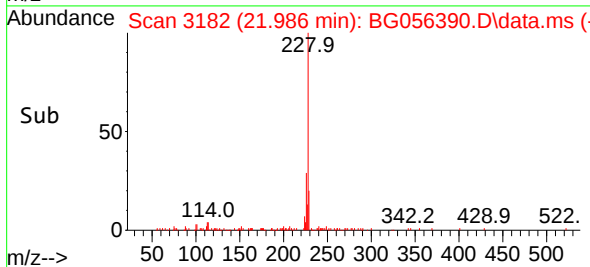
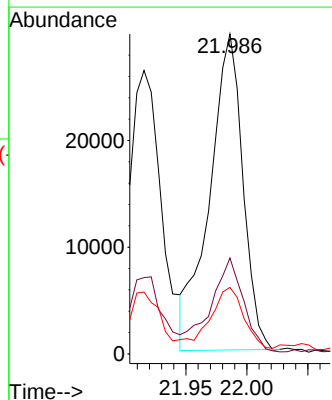
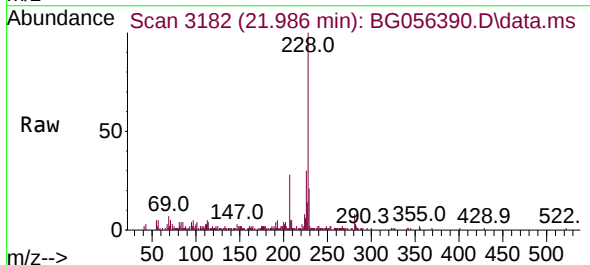
Instrument :
BNA_G
ClientSampleId :
B-P37A

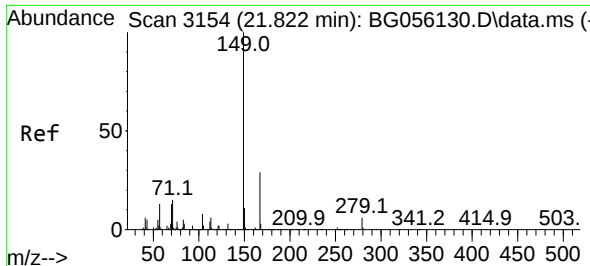
Tgt Ion:	228	Resp:	50145
Ion Ratio	Lower	Upper	
228	100		
226	26.9	22.6	34.0
229	21.8	16.9	25.3



#83
Chrysene
Concen: 2.860 ng
RT: 21.986 min Scan# 3182
Delta R.T. -0.016 min
Lab File: BG056390.D
Acq: 23 Jan 2023 19:09

Tgt Ion:	228	Resp:	56308
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.6	36.8
229	20.8	15.8	23.6

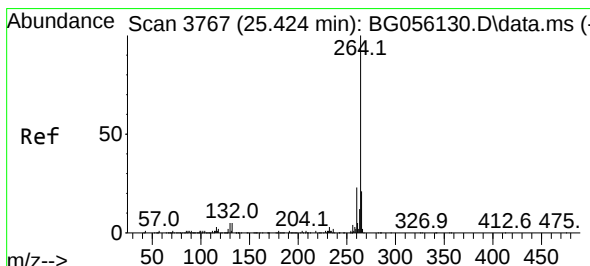
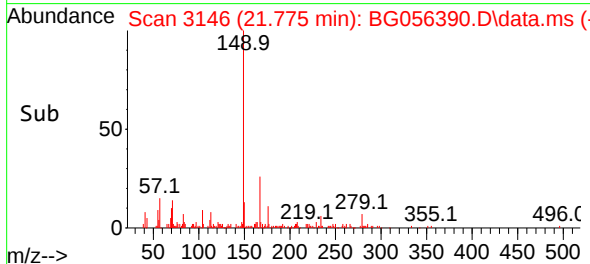
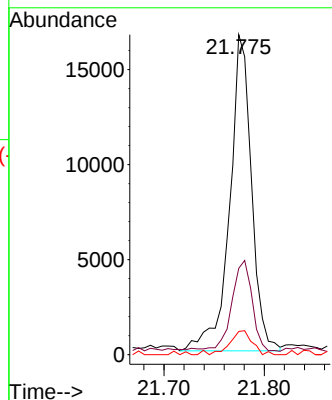
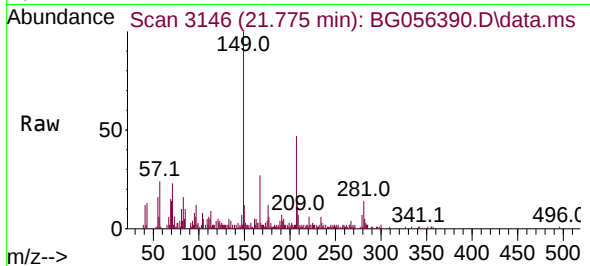




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.885 ng
RT: 21.775 min Scan# 3154
Delta R.T. -0.021 min
Lab File: BG056390.D
Acq: 23 Jan 2023 19:09

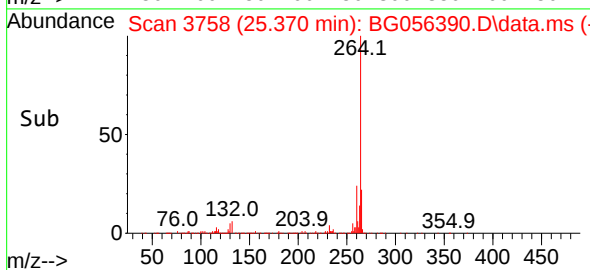
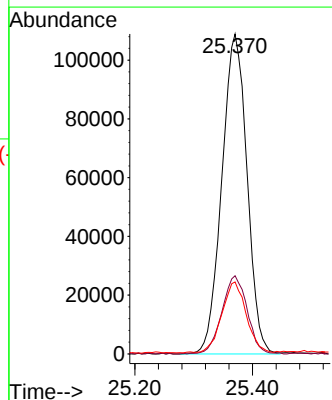
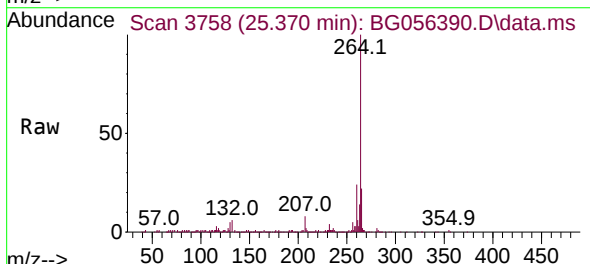
Instrument :
BNA_G
ClientSampleId :
B-P37A

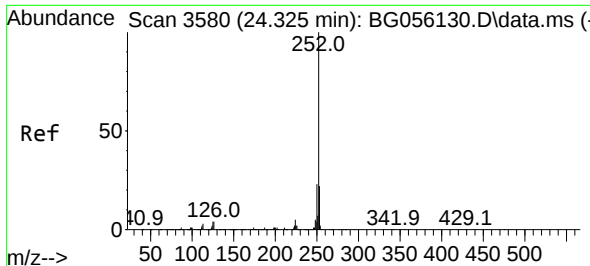
Tgt Ion:149 Resp: 25154
Ion Ratio Lower Upper
149 100
167 27.0 23.4 35.2
279 7.2 4.7 7.1#



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.370 min Scan# 3758
Delta R.T. -0.021 min
Lab File: BG056390.D
Acq: 23 Jan 2023 19:09

Tgt Ion:264 Resp: 323323
Ion Ratio Lower Upper
264 100
260 24.4 18.6 28.0
265 22.5 16.7 25.1

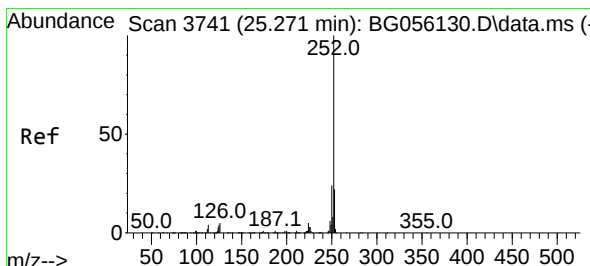
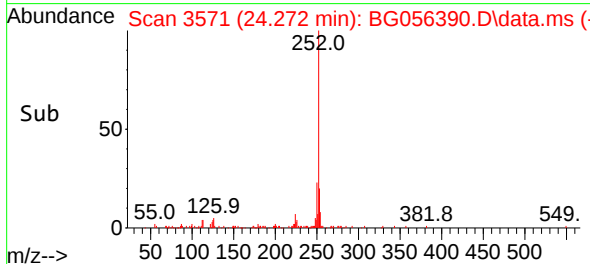
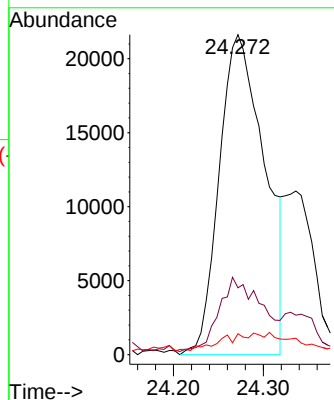
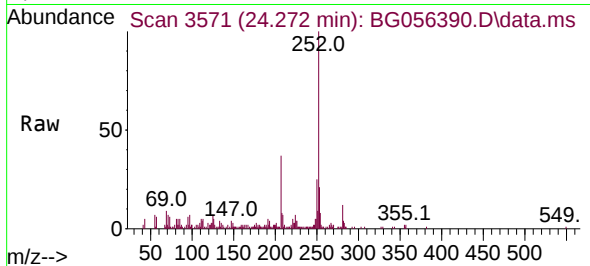




#88
Benzo(b)fluoranthene
Concen: 3.708 ng
RT: 24.272 min Scan# 31
Delta R.T. -0.021 min
Lab File: BG056390.D
Acq: 23 Jan 2023 19:09

Instrument :
BNA_G
ClientSampleId :
B-P37A

Tgt Ion:252 Resp: 76181
Ion Ratio Lower Upper
252 100
253 20.9 17.4 26.2
125 6.5 3.0 4.4#



#90
Benzo(a)pyrene
Concen: 2.439 ng
RT: 25.206 min Scan# 3730
Delta R.T. -0.021 min
Lab File: BG056390.D
Acq: 23 Jan 2023 19:09

Tgt Ion:252 Resp: 48873
Ion Ratio Lower Upper
252 100
253 23.0 17.4 26.2
125 6.9 3.2 4.8#

