

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112023\
 Data File : BG059783.D
 Acq On : 21 Nov 2023 00:32
 Operator : MA/JU
 Sample : 05379-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-9

Quant Time: Nov 21 09:54:11 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 17 01:51:38 2023
 Response via : Initial Calibration

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

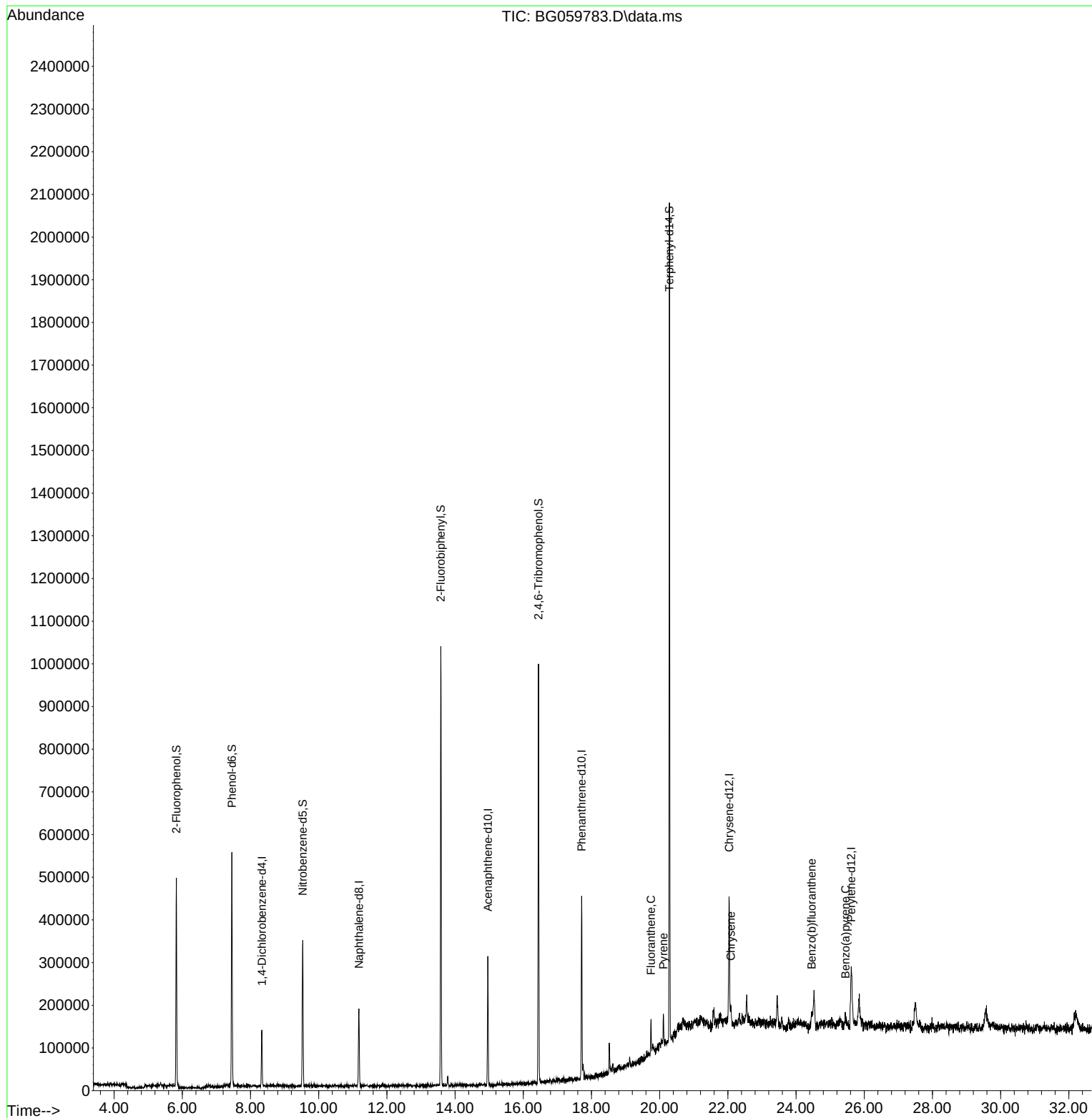
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.334	152	27335	20.000	ng	0.00
21) Naphthalene-d8	11.184	136	130226	20.000	ng	# 0.00
39) Acenaphthene-d10	14.962	164	89342	20.000	ng	0.00
64) Phenanthrene-d10	17.712	188	223503	20.000	ng	0.00
76) Chrysene-d12	22.036	240	163122	20.000	ng	#-0.01
86) Perylene-d12	25.620	264	181800	20.000	ng	#-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.826	112	162776	100.228	ng	0.00
7) Phenol-d6	7.453	99	235120	97.695	ng	0.00
23) Nitrobenzene-d5	9.533	82	212245	62.246	ng	0.00
42) 2,4,6-Tribromophenol	16.448	330	132031	130.247	ng	0.00
45) 2-Fluorobiphenyl	13.581	172	433403	65.297	ng	-0.01
79) Terphenyl-d14	20.285	244	758415	68.636	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.745	202	47996	3.522	ng	99
78) Pyrene	20.109	202	42254	3.807	ng	# 90
83) Chrysene	22.089	228	26160	2.557	ng	# 68
88) Benzo(b)fluoranthene	24.457	252	38332	3.847	ng	# 98
90) Benzo(a)pyrene	25.450	252	25572	2.405	ng	# 92

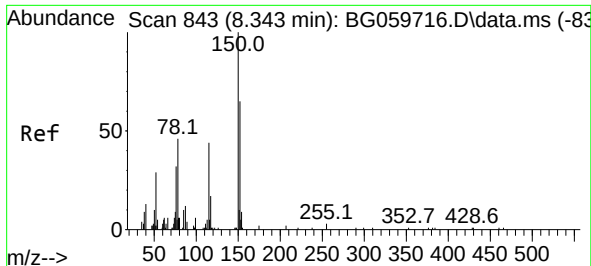
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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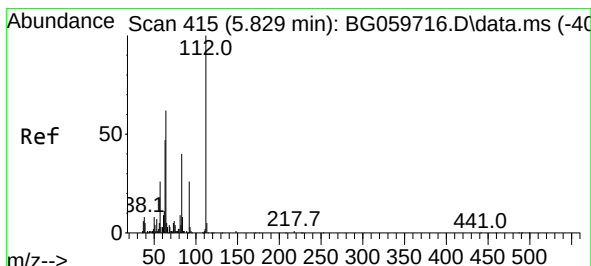
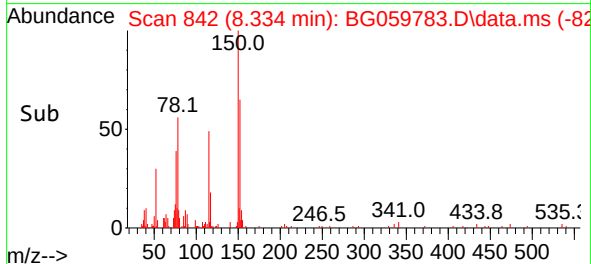
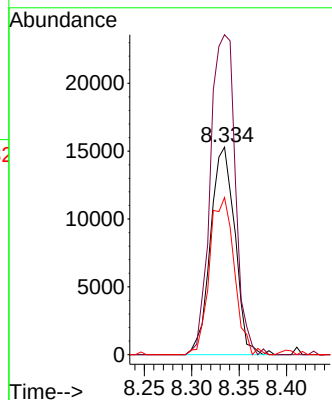
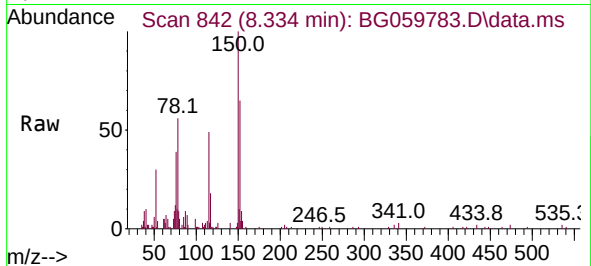




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.334 min Scan# 843
Delta R.T. -0.009 min
Lab File: BG059783.D
Acq: 21 Nov 2023 00:32

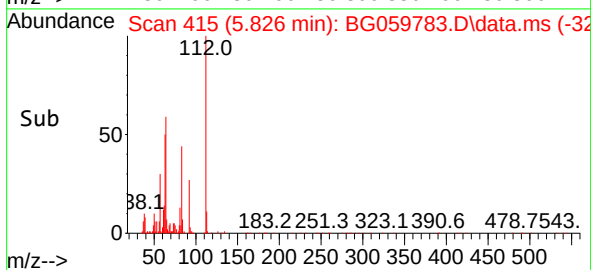
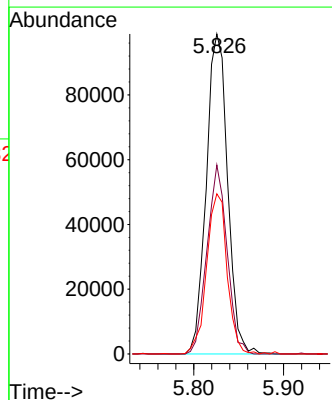
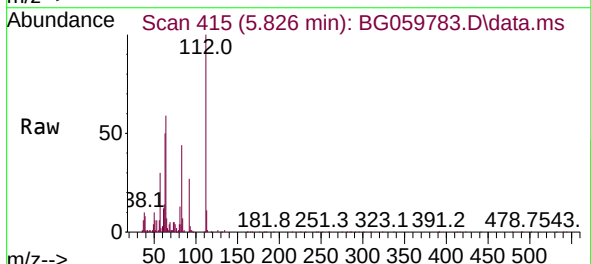
Instrument :
BNA_G
ClientSampleId :
WC-9

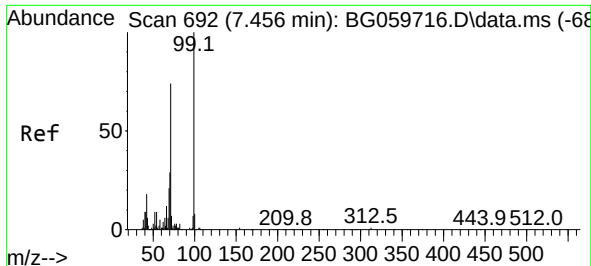
Tgt Ion:152 Resp: 27335
Ion Ratio Lower Upper
152 100
150 154.2 122.2 183.4
115 75.8 54.2 81.4



#5
2-Fluorophenol
Concen: 100.228 ng
RT: 5.826 min Scan# 415
Delta R.T. -0.003 min
Lab File: BG059783.D
Acq: 21 Nov 2023 00:32

Tgt Ion:112 Resp: 162776
Ion Ratio Lower Upper
112 100
64 59.0 49.5 74.3
63 50.1 37.4 56.2

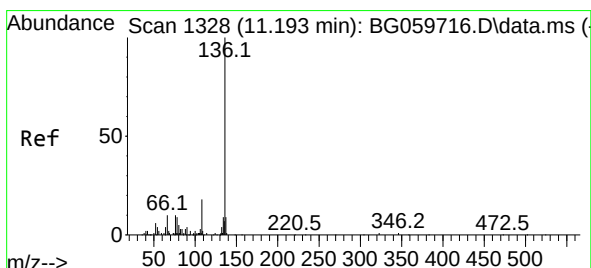
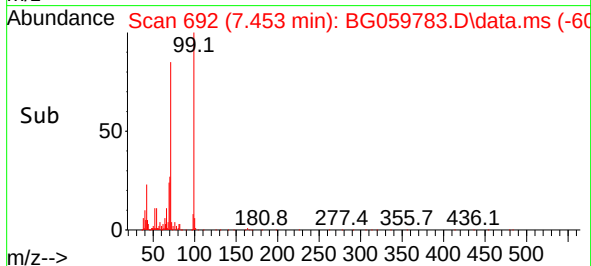
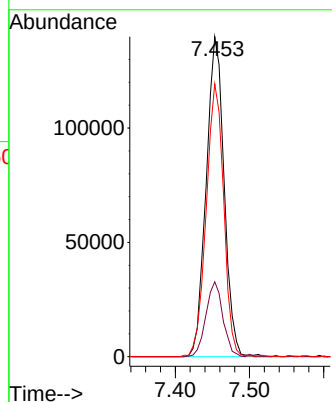
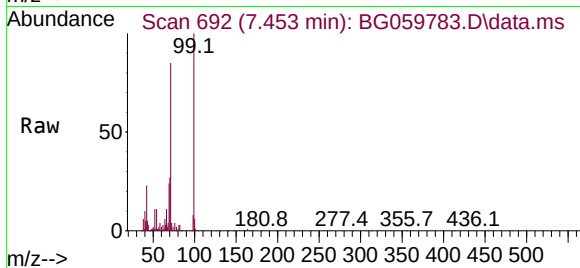




#7
Phenol-d6
Concen: 97.695 ng
RT: 7.453 min Scan# 692
Delta R.T. -0.003 min
Lab File: BG059783.D
Acq: 21 Nov 2023 00:32

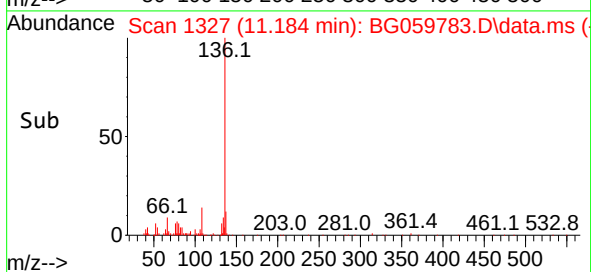
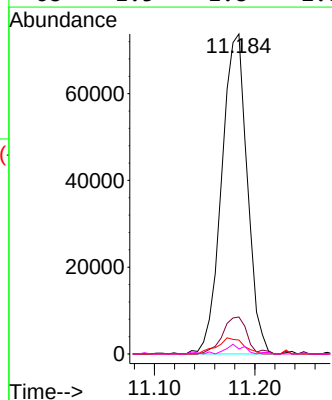
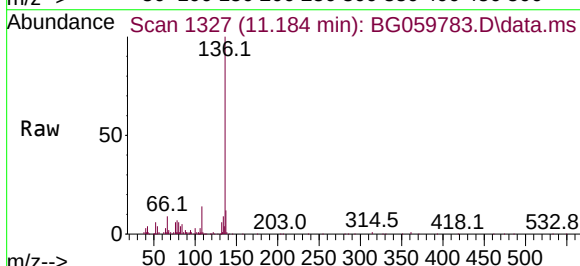
Instrument :
BNA_G
ClientSampleId :
WC-9

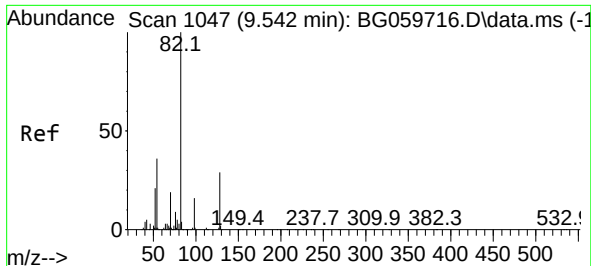
Tgt Ion: 99 Resp: 235120
Ion Ratio Lower Upper
99 100
42 23.4 14.3 21.5#
71 85.3 59.3 88.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.184 min Scan# 1327
Delta R.T. -0.009 min
Lab File: BG059783.D
Acq: 21 Nov 2023 00:32

Tgt Ion:136 Resp: 130226
Ion Ratio Lower Upper
136 100
137 11.5 7.4 11.0#
54 4.4 3.1 4.7
68 1.5 1.8 2.8#

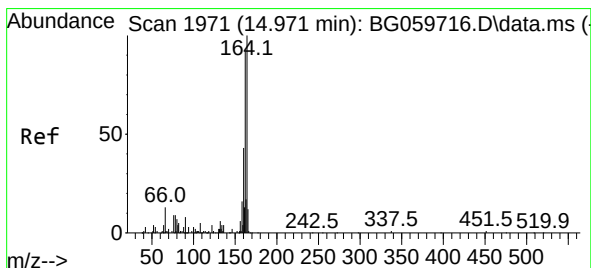
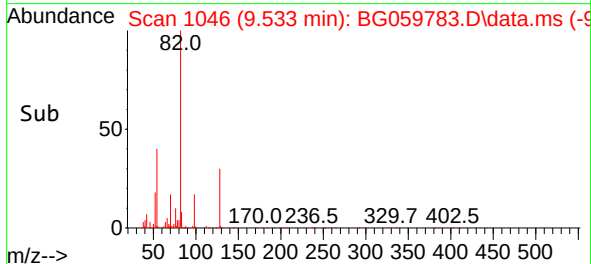
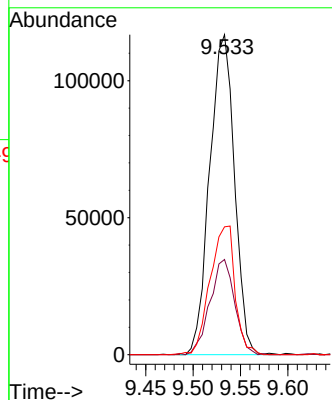
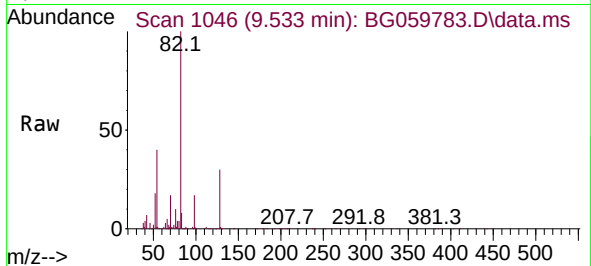




#23
Nitrobenzene-d5
Concen: 62.246 ng
RT: 9.533 min Scan# 1046
Delta R.T. -0.009 min
Lab File: BG059783.D
Acq: 21 Nov 2023 00:32

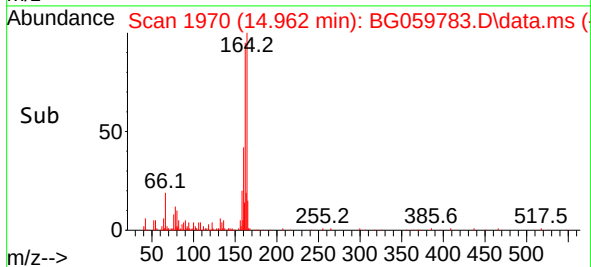
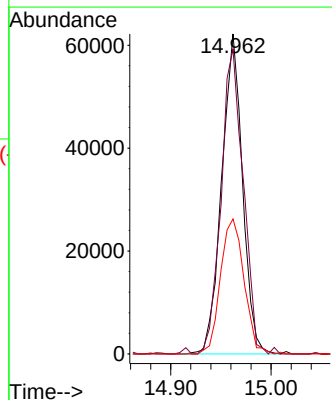
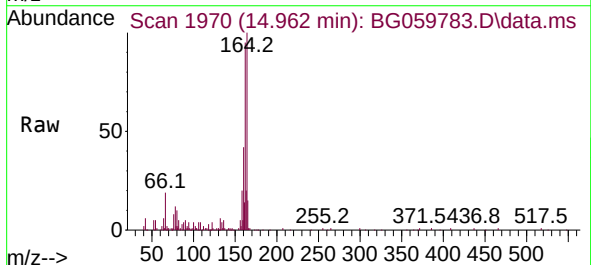
Instrument :
BNA_G
ClientSampleId :
WC-9

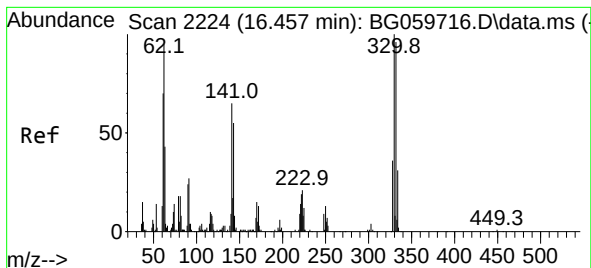
Tgt Ion: 82 Resp: 212245
Ion Ratio Lower Upper
82 100
128 29.7 23.0 34.6
54 40.0 28.7 43.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.962 min Scan# 1970
Delta R.T. -0.009 min
Lab File: BG059783.D
Acq: 21 Nov 2023 00:32

Tgt Ion:164 Resp: 89342
Ion Ratio Lower Upper
164 100
162 95.3 73.3 109.9
160 42.2 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 130.247 ng

RT: 16.448 min Scan# 21

Delta R.T. -0.009 min

Lab File: BG059783.D

Acq: 21 Nov 2023 00:32

Instrument :

BNA_G

ClientSampleId :

WC-9

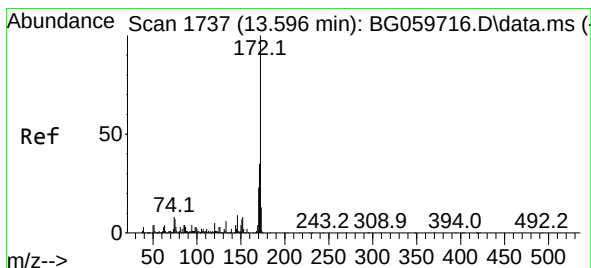
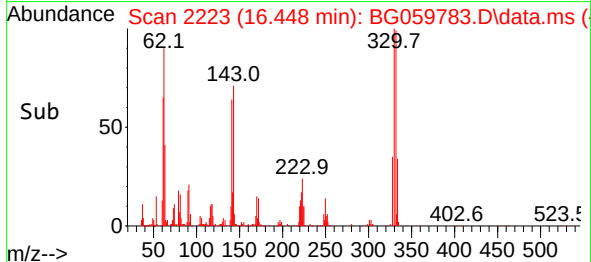
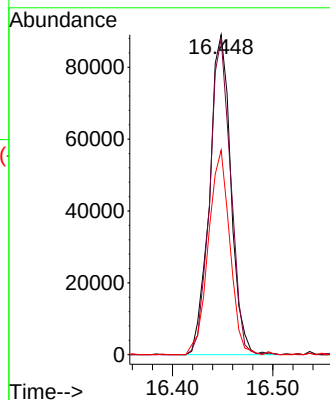
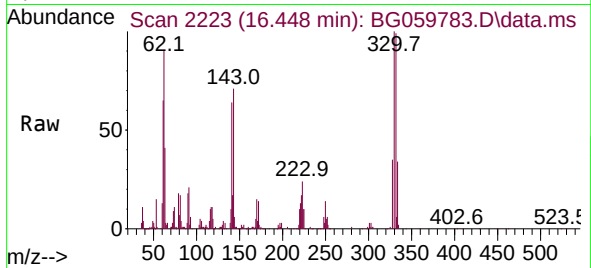
Tgt Ion:330 Resp: 132031

Ion Ratio Lower Upper

330 100

332 96.6 73.3 109.9

141 63.7 52.1 78.1



#45

2-Fluorobiphenyl

Concen: 65.297 ng

RT: 13.581 min Scan# 1735

Delta R.T. -0.015 min

Lab File: BG059783.D

Acq: 21 Nov 2023 00:32

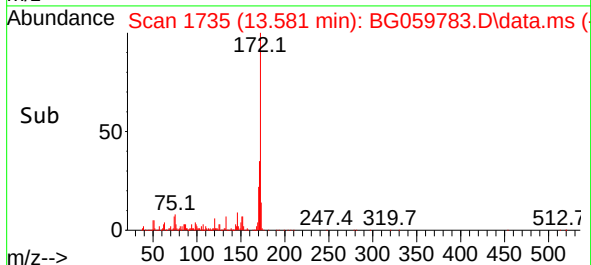
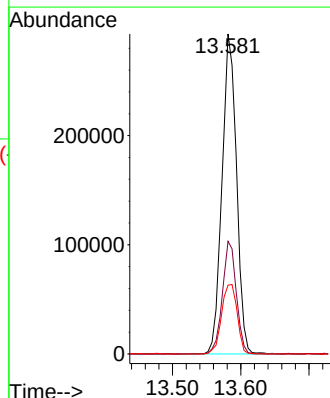
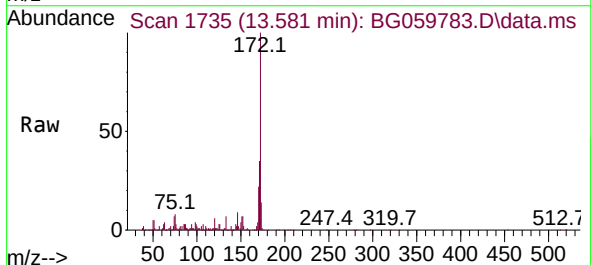
Tgt Ion:172 Resp: 433403

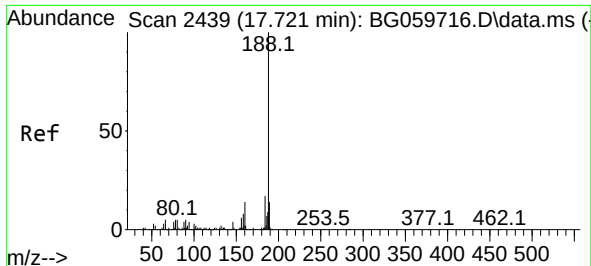
Ion Ratio Lower Upper

172 100

171 35.2 27.7 41.5

170 21.5 18.4 27.6

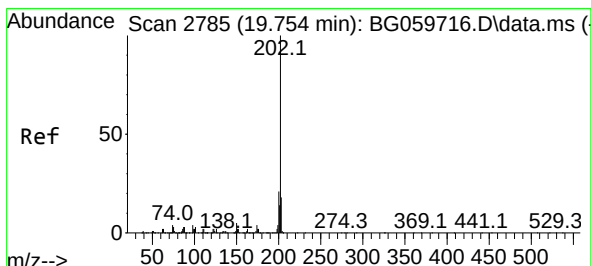
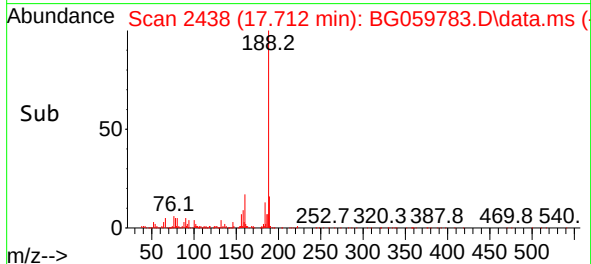
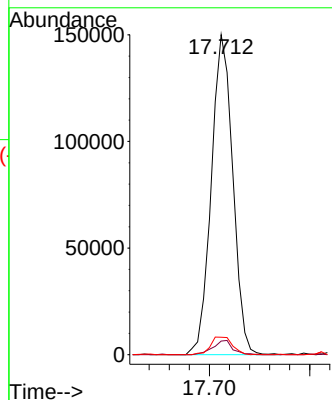
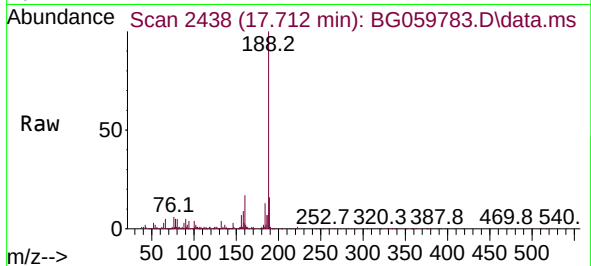




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.712 min Scan# 24
Delta R.T. -0.009 min
Lab File: BG059783.D
Acq: 21 Nov 2023 00:32

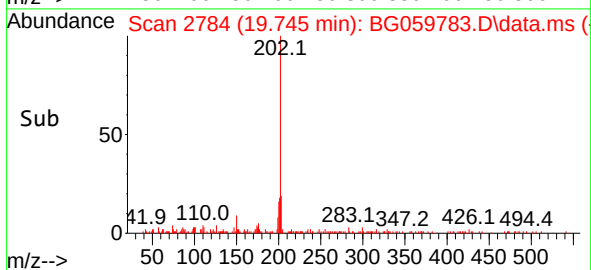
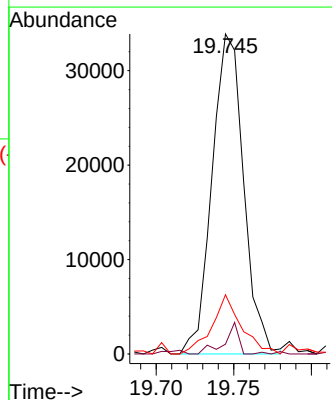
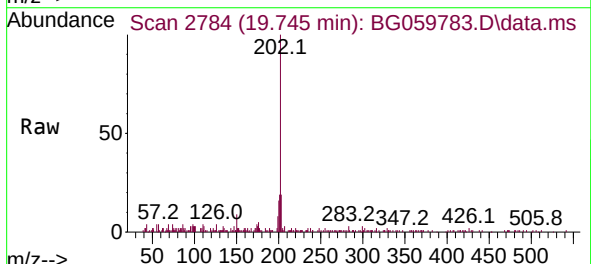
Instrument :
BNA_G
ClientSampleId :
WC-9

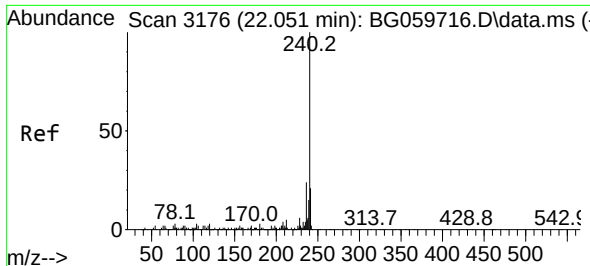
Tgt Ion:188 Resp: 223503
Ion Ratio Lower Upper
188 100
94 4.2 3.0 4.4
80 5.4 4.2 6.4



#75
Fluoranthene
Concen: 3.522 ng
RT: 19.745 min Scan# 2784
Delta R.T. -0.009 min
Lab File: BG059783.D
Acq: 21 Nov 2023 00:32

Tgt Ion:202 Resp: 47996
Ion Ratio Lower Upper
202 100
101 3.1 0.0 22.7
203 18.5 0.0 38.2

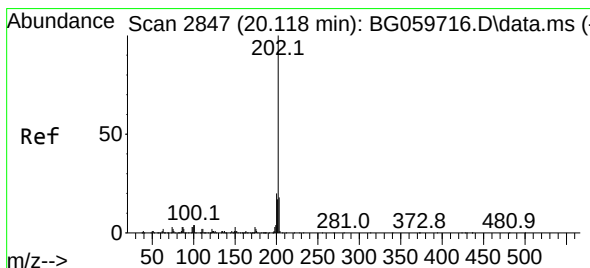
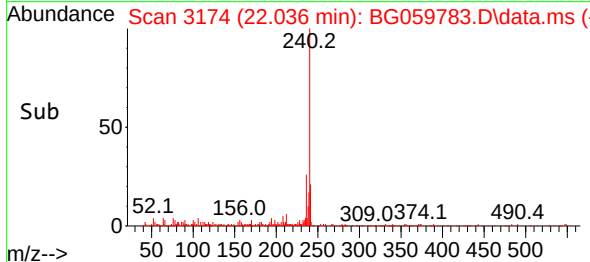
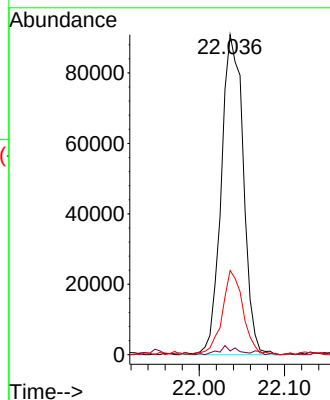
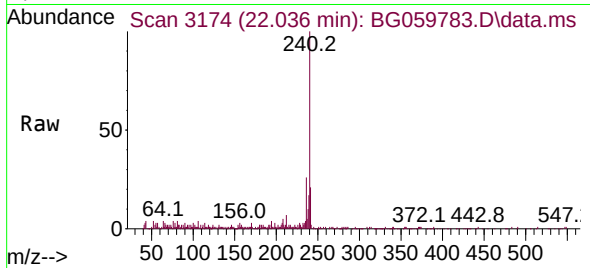




#76
Chrysene-d12
Concen: 20.000 ng
RT: 22.036 min Scan# 3174
Delta R.T. -0.015 min
Lab File: BG059783.D
Acq: 21 Nov 2023 00:32

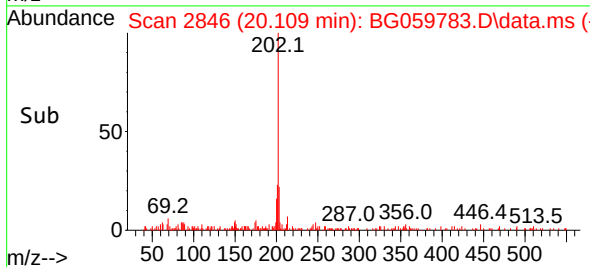
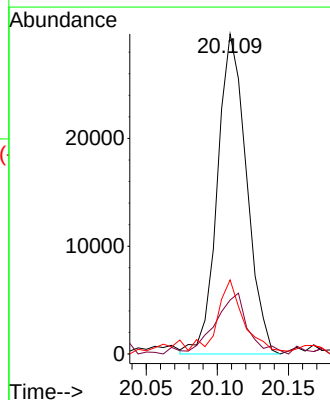
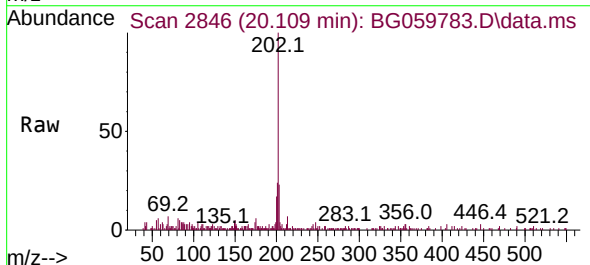
Instrument :
BNA_G
ClientSampleId :
WC-9

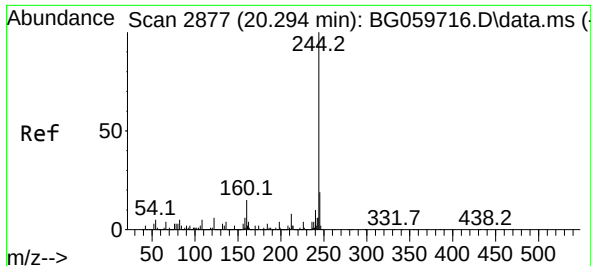
Tgt Ion:240 Resp: 163122
Ion Ratio Lower Upper
240 100
120 1.5 2.2 3.2#
236 26.3 19.4 29.2



#78
Pyrene
Concen: 3.807 ng
RT: 20.109 min Scan# 2846
Delta R.T. -0.009 min
Lab File: BG059783.D
Acq: 21 Nov 2023 00:32

Tgt Ion:202 Resp: 42254
Ion Ratio Lower Upper
202 100
200 16.8 16.2 24.4
203 23.1 14.0 21.0#

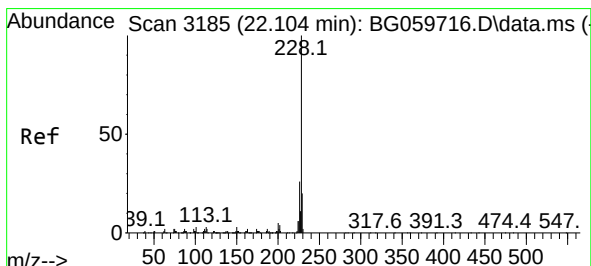
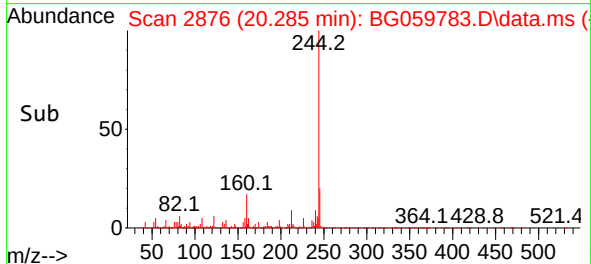
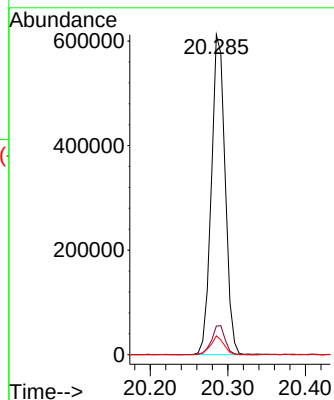
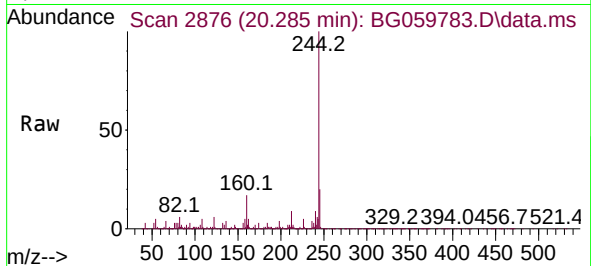




#79
 Terphenyl-d14
 Concen: 68.636 ng
 RT: 20.285 min Scan# 21
 Delta R.T. -0.009 min
 Lab File: BG059783.D
 Acq: 21 Nov 2023 00:32

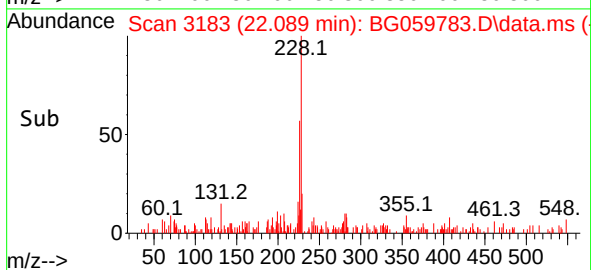
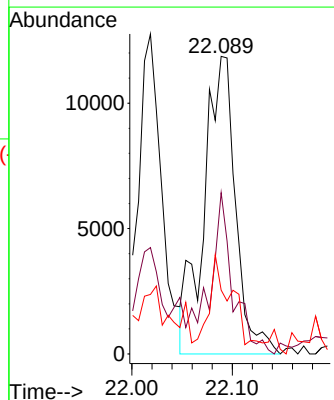
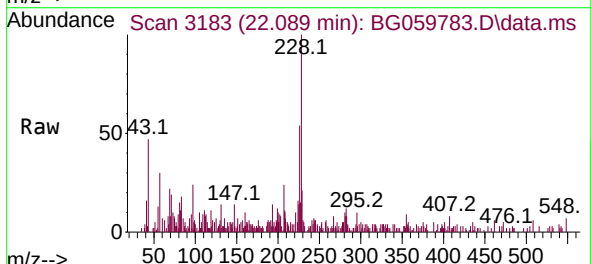
Instrument :
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 WC-9

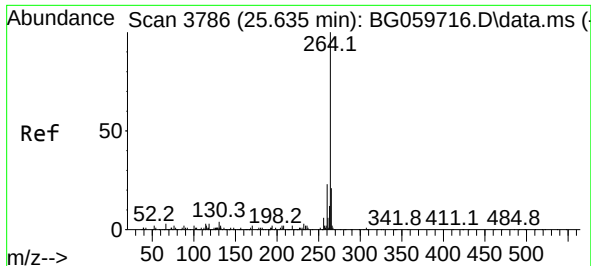
Tgt Ion:244 Resp: 758415
 Ion Ratio Lower Upper
 244 100
 212 9.0 6.6 10.0
 122 5.9 4.4 6.6



#83
 Chrysene
 Concen: 2.557 ng
 RT: 22.089 min Scan# 3183
 Delta R.T. -0.015 min
 Lab File: BG059783.D
 Acq: 21 Nov 2023 00:32

Tgt Ion:228 Resp: 26160
 Ion Ratio Lower Upper
 228 100
 226 54.2 21.1 31.7#
 229 21.5 16.2 24.4

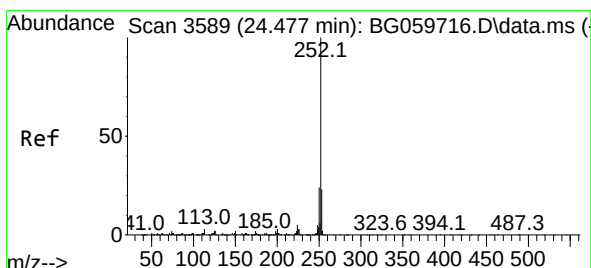
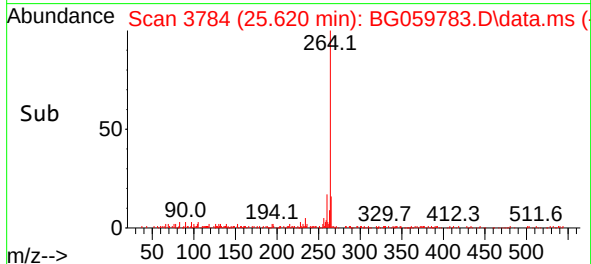
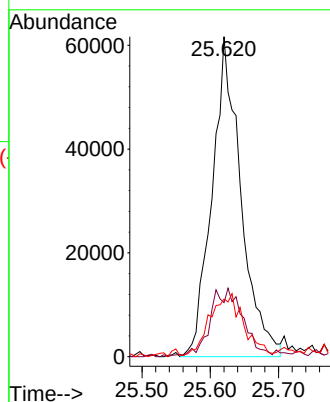
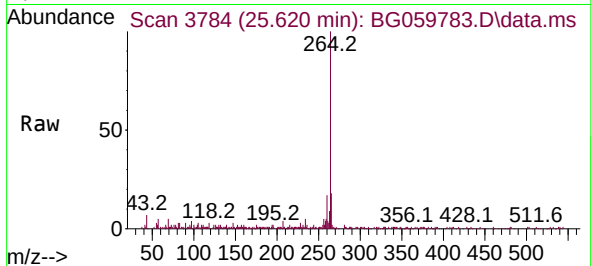




#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.620 min Scan# 31
 Delta R.T. -0.015 min
 Lab File: BG059783.D
 Acq: 21 Nov 2023 00:32

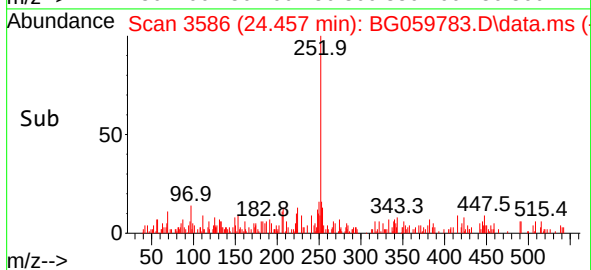
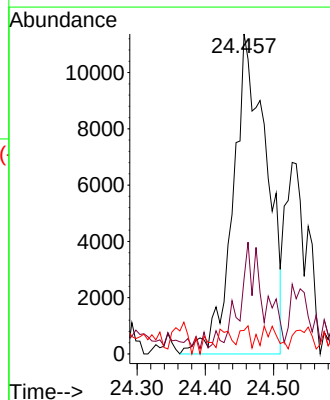
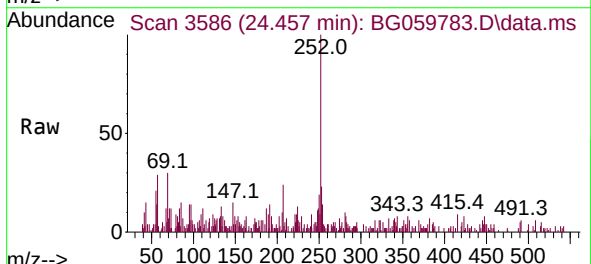
Instrument :
 BNA_G
 ClientSampleId :
 WC-9

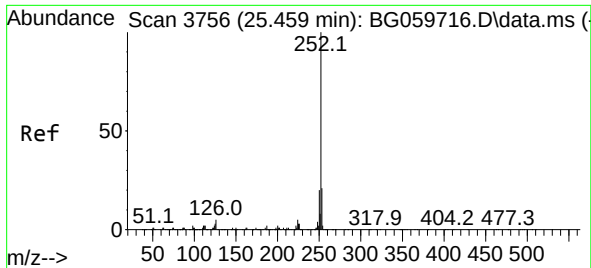
Tgt Ion:264 Resp: 181800
 Ion Ratio Lower Upper
 264 100
 260 16.9 18.5 27.7#
 265 18.0 17.0 25.6



#88
 Benzo(b)fluoranthene
 Concen: 3.847 ng
 RT: 24.457 min Scan# 3586
 Delta R.T. -0.021 min
 Lab File: BG059783.D
 Acq: 21 Nov 2023 00:32

Tgt Ion:252 Resp: 38332
 Ion Ratio Lower Upper
 252 100
 253 23.4 18.3 27.5
 125 7.4 1.4 2.0#





#90
 Benzo(a)pyrene
 Concen: 2.405 ng
 RT: 25.450 min Scan# 31
 Delta R.T. -0.009 min
 Lab File: BG059783.D
 Acq: 21 Nov 2023 00:32

Instrument :
 BNA_G
 ClientSampleId :
 WC-9

Tgt Ion:252	Resp:	25572
Ion Ratio	Lower	Upper
252	100	
253	23.6	16.8 25.2
125	12.9	2.0 3.0#

