

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
 Data File : BG064152.D
 Acq On : 2 Apr 2025 14:24
 Operator : RC/JU
 Sample : Q1674-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RT5358

Quant Time: Apr 02 15:16:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 05 15:39:19 2025
 Response via : Initial Calibration

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

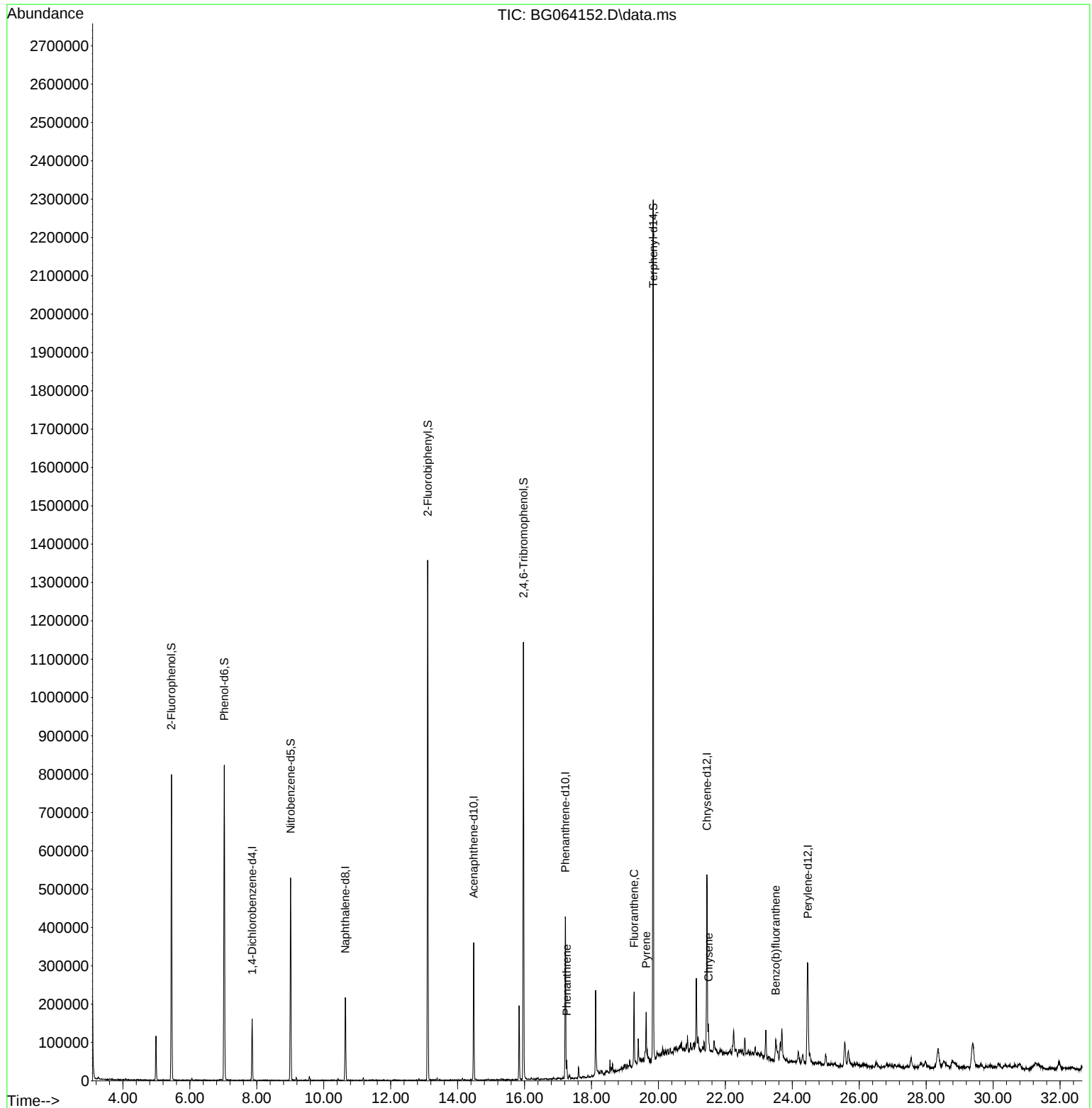
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.858	152	39476	20.000	ng	0.00
21) Naphthalene-d8	10.643	136	169892	20.000	ng	-0.01
39) Acenaphthene-d10	14.480	164	115170	20.000	ng	0.00
64) Phenanthrene-d10	17.218	188	247141	20.000	ng	-0.01
76) Chrysene-d12	21.448	240	248491	20.000	ng	-0.01
86) Perylene-d12	24.462	264	267281	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.449	112	303284	119.962	ng	0.00
7) Phenol-d6	7.030	99	409581	119.089	ng	0.00
23) Nitrobenzene-d5	9.010	82	269691	87.724	ng	0.00
42) 2,4,6-Tribromophenol	15.966	330	189481	148.009	ng	0.00
45) 2-Fluorobiphenyl	13.105	172	653845	86.173	ng	-0.01
79) Terphenyl-d14	19.844	244	1054816	85.831	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.259	178	26632	2.020	ng	# 96
75) Fluoranthene	19.274	202	103985	6.543	ng	98
78) Pyrene	19.633	202	70651	4.411	ng	97
83) Chrysene	21.495	228	46741	2.944	ng	96
88) Benzo(b)fluoranthene	23.505	252	60829	3.765	ng	# 90

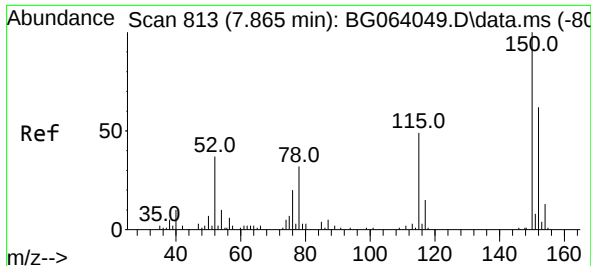
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040225\
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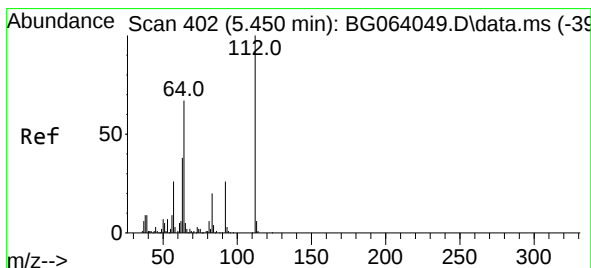
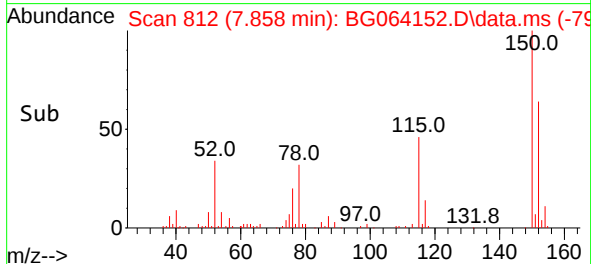
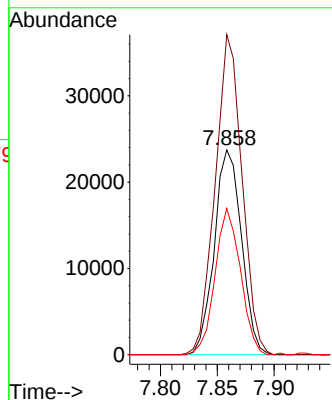
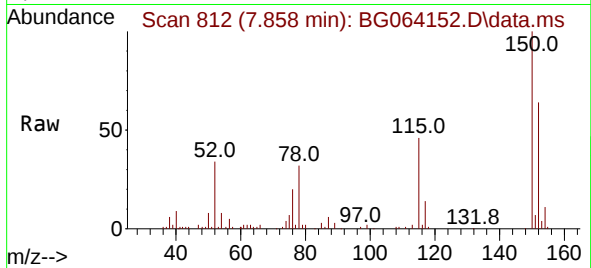




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.858 min Scan# 813
Delta R.T. -0.007 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

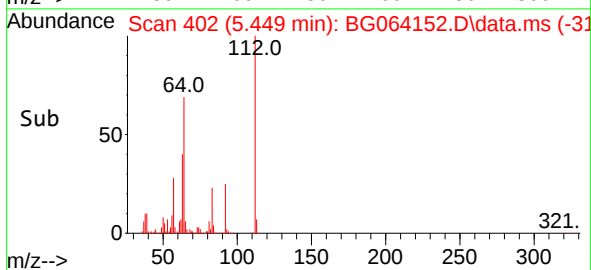
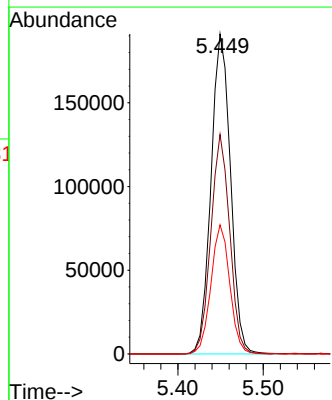
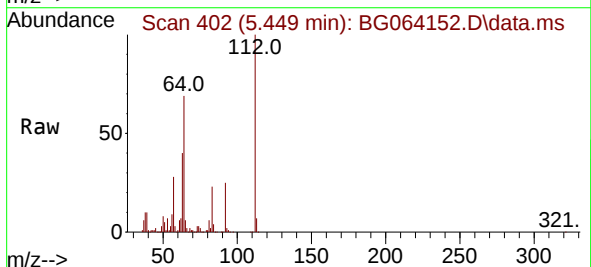
Instrument :
BNA_G
ClientSampleId :
RT5358

Tgt Ion:152 Resp: 39476
Ion Ratio Lower Upper
152 100
150 156.3 129.2 193.8
115 71.4 63.0 94.6



#5
2-Fluorophenol
Concen: 119.962 ng
RT: 5.449 min Scan# 402
Delta R.T. -0.001 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

Tgt Ion:112 Resp: 303284
Ion Ratio Lower Upper
112 100
64 68.6 53.7 80.5
63 40.4 30.2 45.4

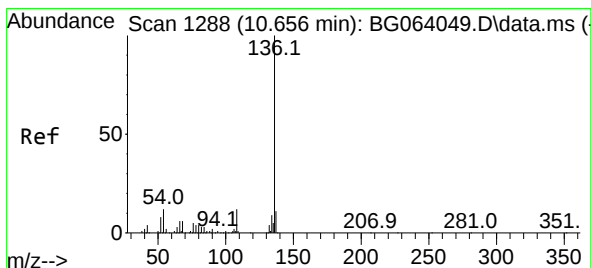
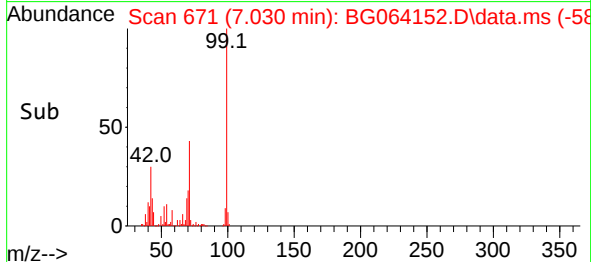
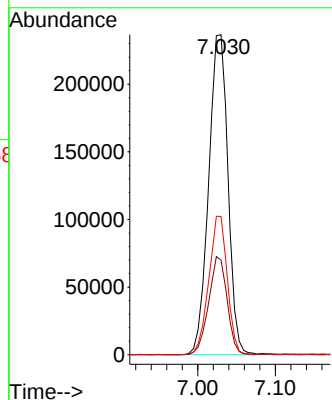
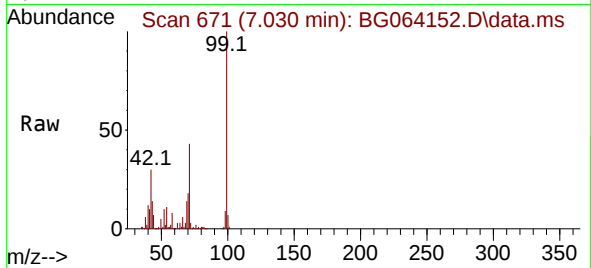




#7
Phenol-d6
Concen: 119.089 ng
RT: 7.030 min Scan# 61
Delta R.T. -0.001 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

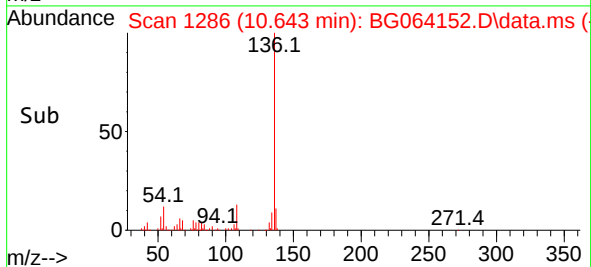
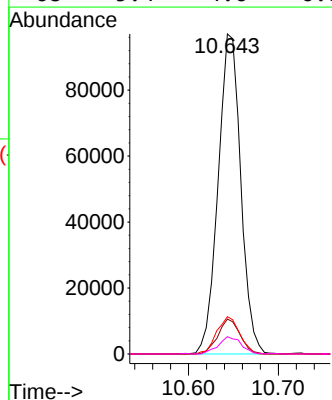
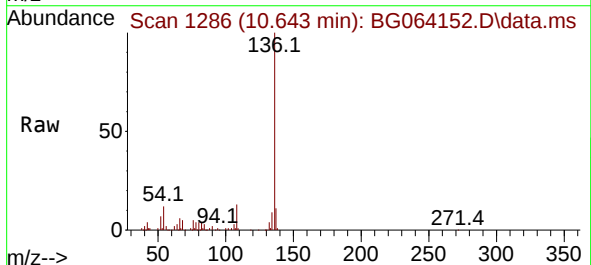
Instrument :
BNA_G
ClientSampleId :
RT5358

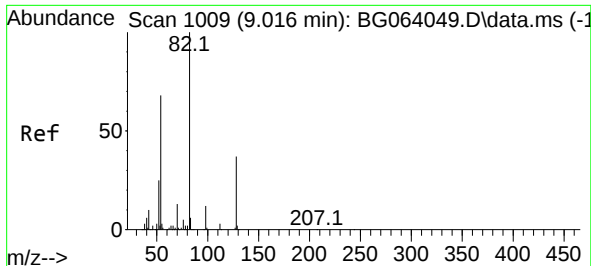
Tgt Ion: 99 Resp: 409581
Ion Ratio Lower Upper
99 100
42 29.6 22.7 34.1
71 43.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.643 min Scan# 1286
Delta R.T. -0.013 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

Tgt Ion:136 Resp: 169892
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 11.6 9.9 14.9
68 5.4 4.6 6.8

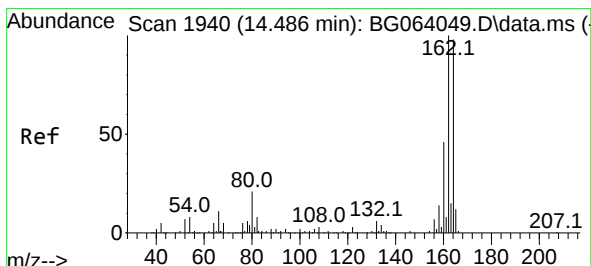
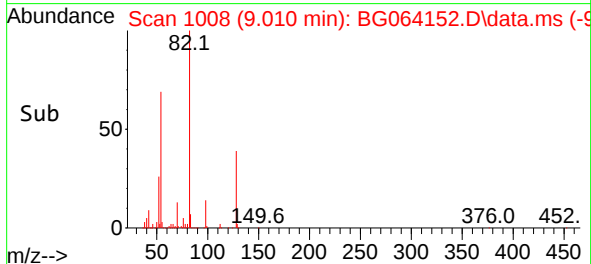
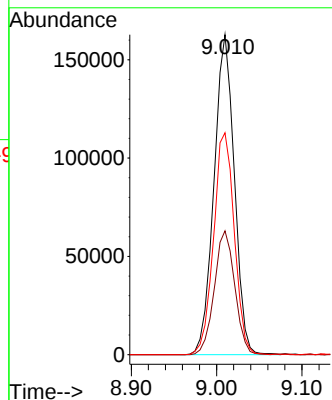
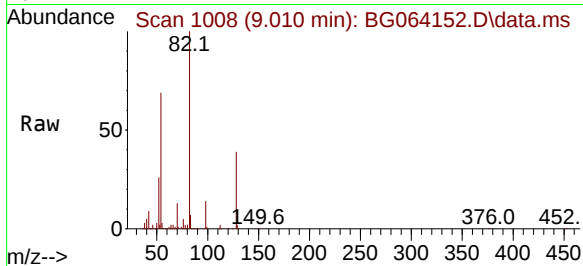




#23
Nitrobenzene-d5
Concen: 87.724 ng
RT: 9.010 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

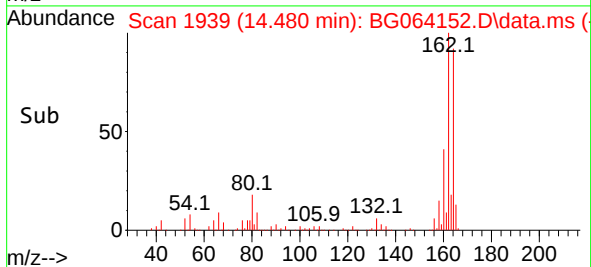
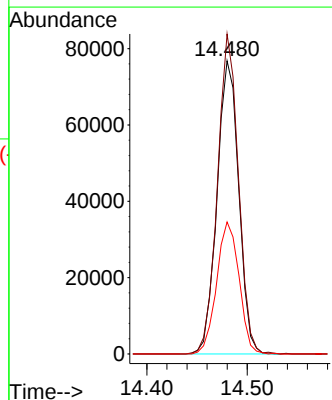
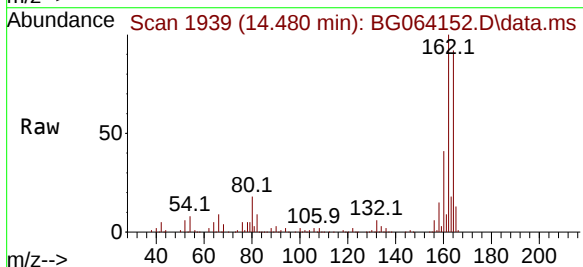
Instrument :
BNA_G
ClientSampleId :
RT5358

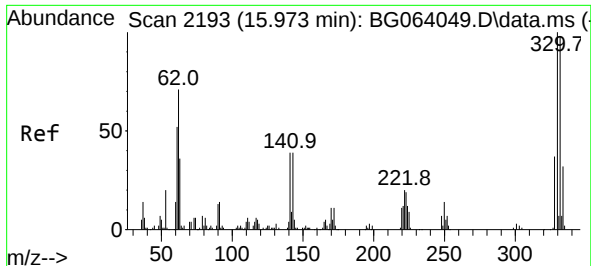
Tgt Ion: 82 Resp: 269691
Ion Ratio Lower Upper
82 100
128 38.7 30.0 45.0
54 69.3 54.7 82.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.480 min Scan# 1939
Delta R.T. -0.006 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

Tgt Ion: 164 Resp: 115170
Ion Ratio Lower Upper
164 100
162 109.2 81.4 122.0
160 45.0 37.0 55.6

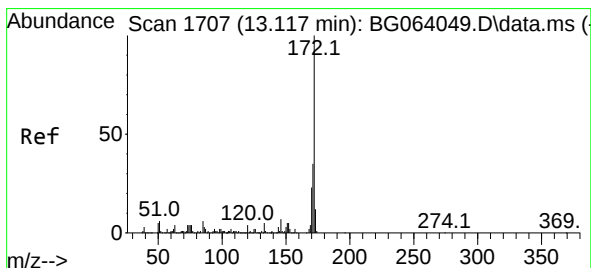
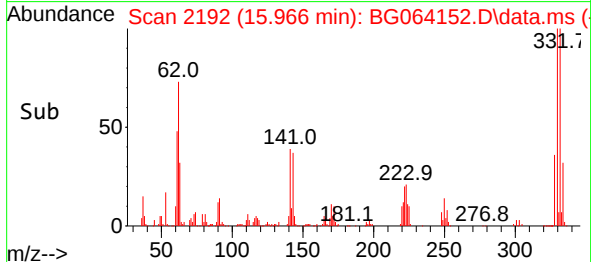
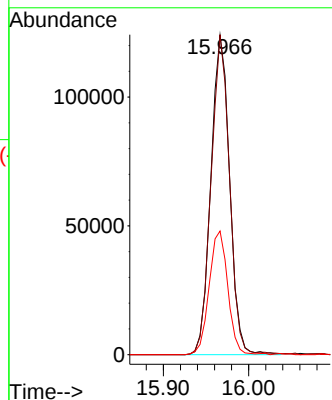
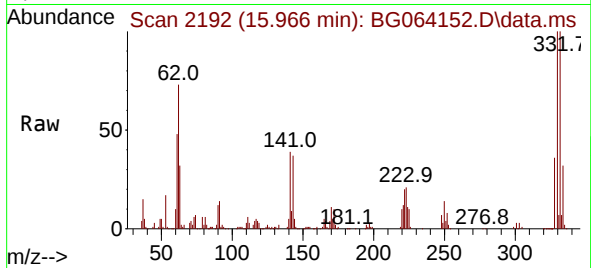




#42
2,4,6-Tribromophenol
Concen: 148.009 ng
RT: 15.966 min Scan# 2193
Delta R.T. -0.006 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

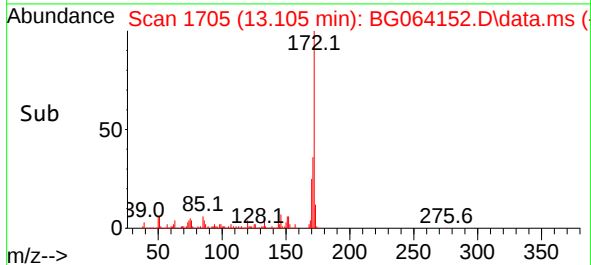
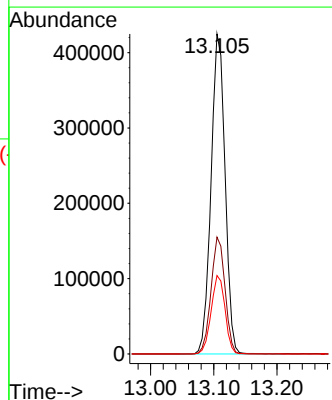
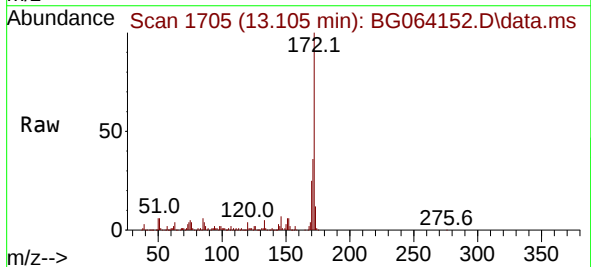
Instrument :
BNA_G
ClientSampleId :
RT5358

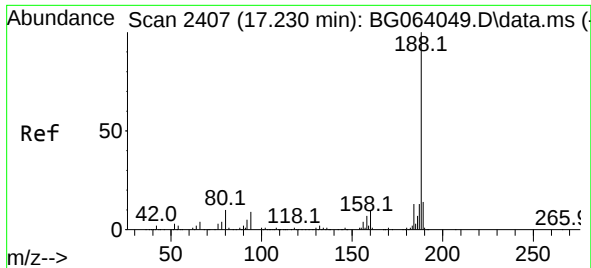
Tgt Ion:330 Resp: 189481
Ion Ratio Lower Upper
330 100
332 98.5 76.7 115.1
141 38.6 29.7 44.5



#45
2-Fluorobiphenyl
Concen: 86.173 ng
RT: 13.105 min Scan# 1705
Delta R.T. -0.012 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

Tgt Ion:172 Resp: 653845
Ion Ratio Lower Upper
172 100
171 36.5 28.0 42.0
170 24.5 18.7 28.1

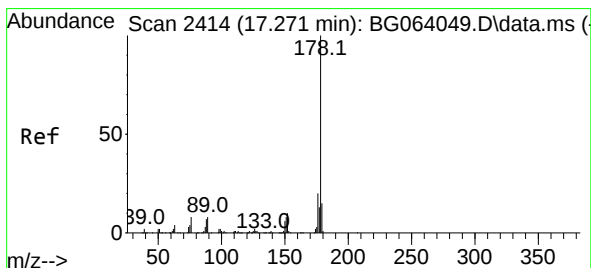
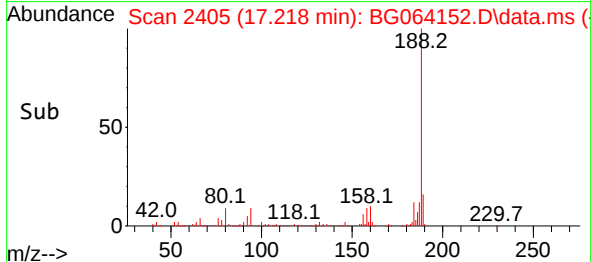
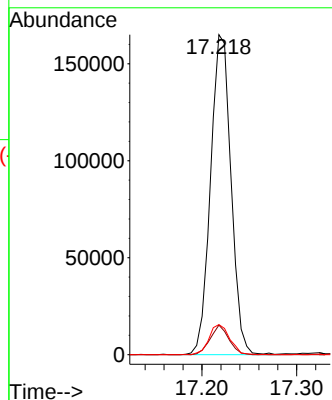
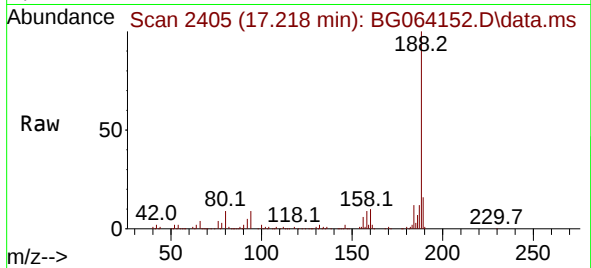




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.218 min Scan# 2405
Delta R.T. -0.012 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

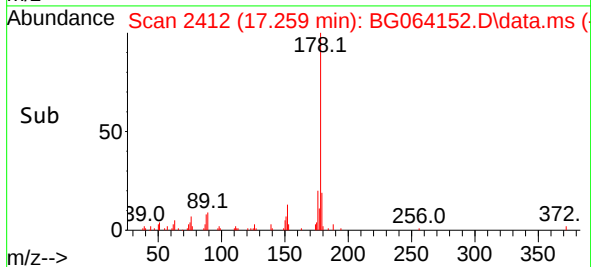
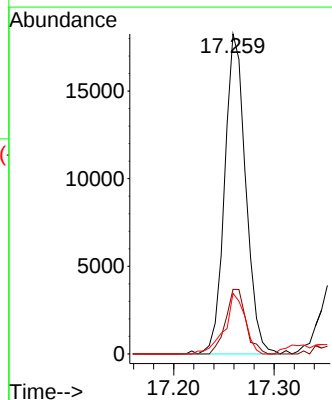
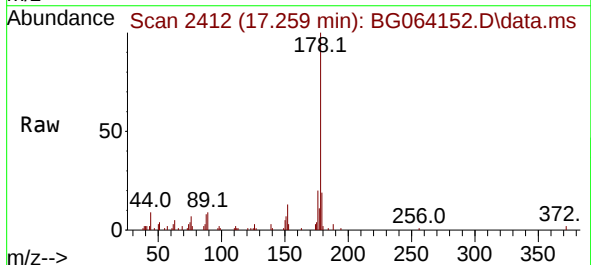
Instrument :
BNA_G
ClientSampleId :
RT5358

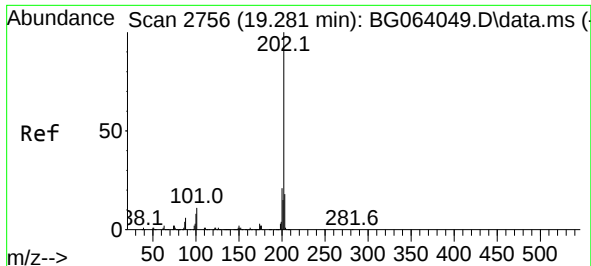
Tgt Ion:188 Resp: 247141
Ion Ratio Lower Upper
188 100
94 9.3 6.9 10.3
80 9.4 8.1 12.1



#71
Phenanthrene
Concen: 2.020 ng
RT: 17.259 min Scan# 2412
Delta R.T. -0.012 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

Tgt Ion:178 Resp: 26632
Ion Ratio Lower Upper
178 100
176 20.2 15.9 23.9
179 19.0 12.2 18.2#

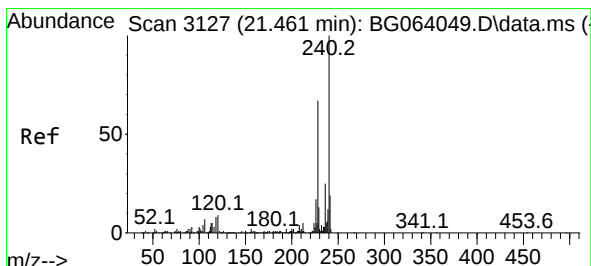
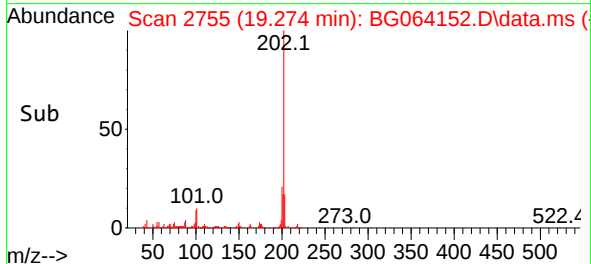
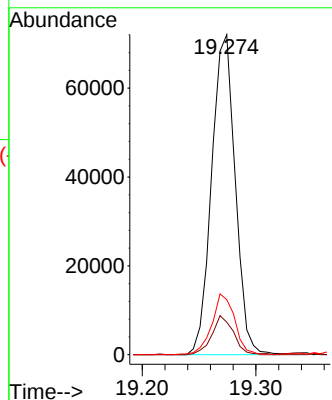
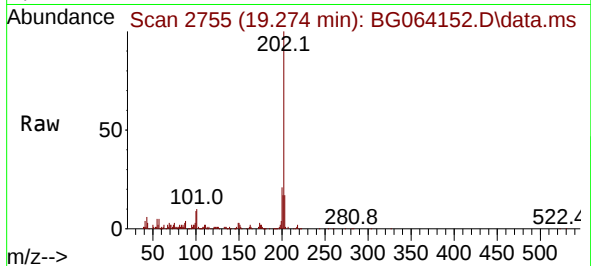




#75
Fluoranthene
Concen: 6.543 ng
RT: 19.274 min Scan# 21
Delta R.T. -0.006 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

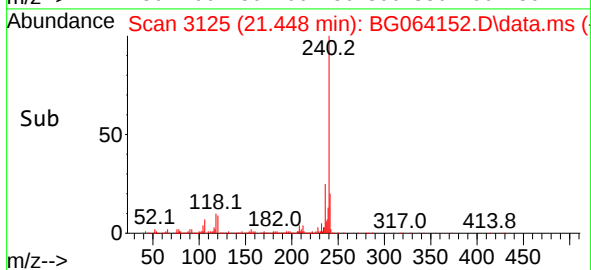
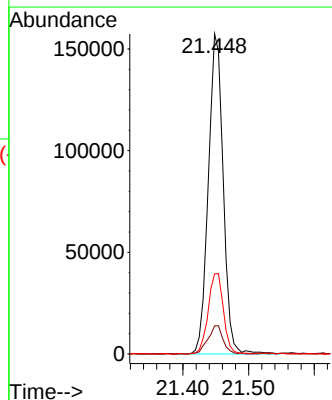
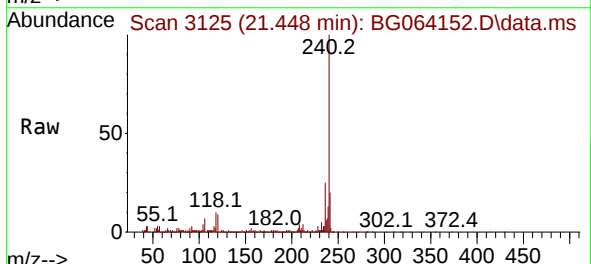
Instrument :
BNA_G
ClientSampleId :
RT5358

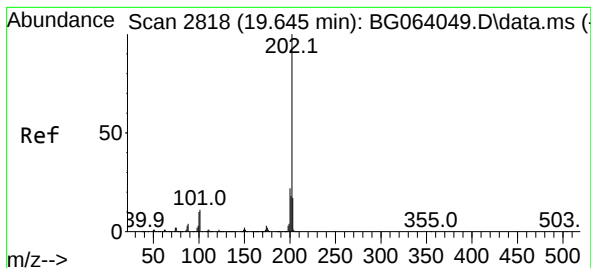
Tgt Ion:202 Resp: 103985
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.5
203 17.2 0.0 38.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.448 min Scan# 3125
Delta R.T. -0.012 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

Tgt Ion:240 Resp: 248491
Ion Ratio Lower Upper
240 100
120 8.8 7.2 10.8
236 25.1 20.2 30.2





#78

Pyrene

Concen: 4.411 ng

RT: 19.633 min Scan# 2816

Delta R.T. -0.012 min

Lab File: BG064152.D

Acq: 2 Apr 2025 14:24

Instrument :

BNA_G

ClientSampleId :

RT5358

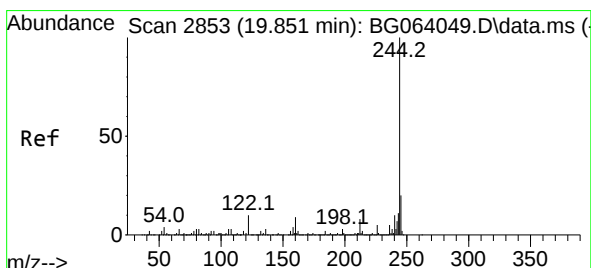
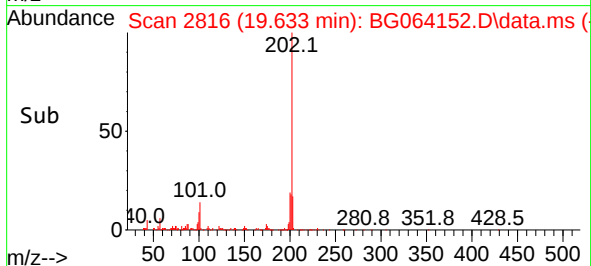
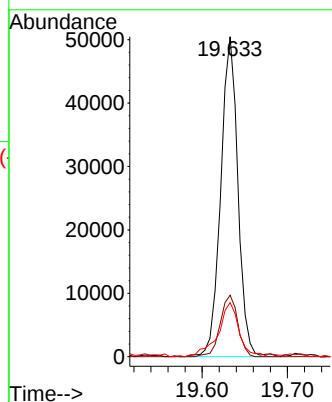
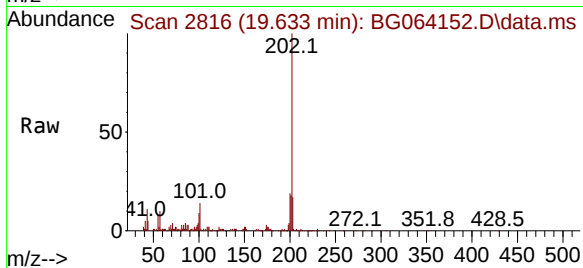
Tgt Ion:202 Resp: 70651

Ion Ratio Lower Upper

202 100

200 19.2 17.3 25.9

203 16.9 13.6 20.4



#79

Terphenyl-d14

Concen: 85.831 ng

RT: 19.844 min Scan# 2852

Delta R.T. -0.006 min

Lab File: BG064152.D

Acq: 2 Apr 2025 14:24

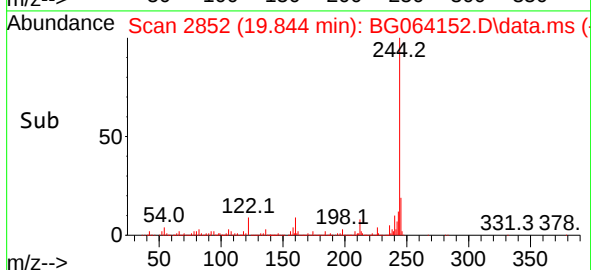
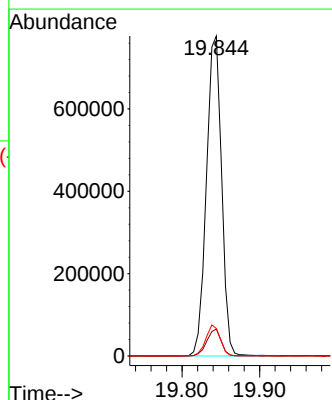
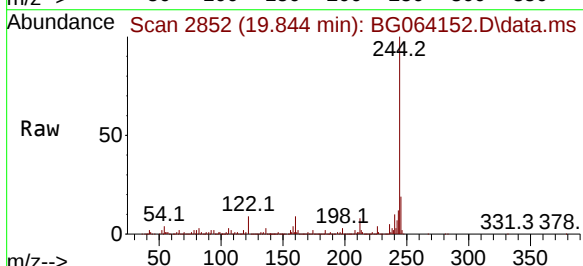
Tgt Ion:244 Resp: 1054816

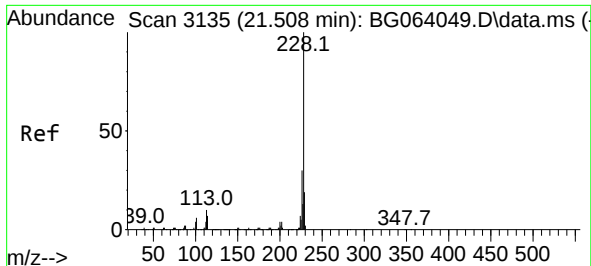
Ion Ratio Lower Upper

244 100

212 8.4 6.2 9.4

122 8.5 8.0 12.0

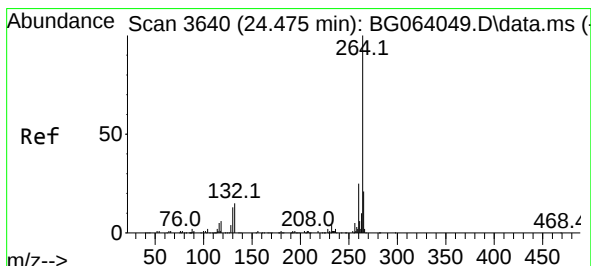
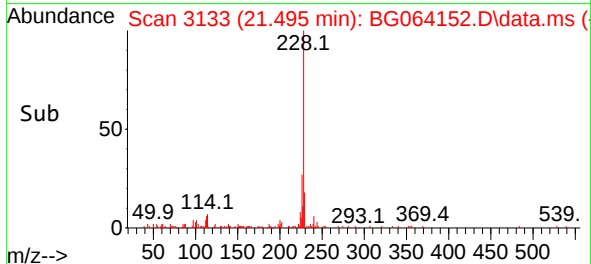
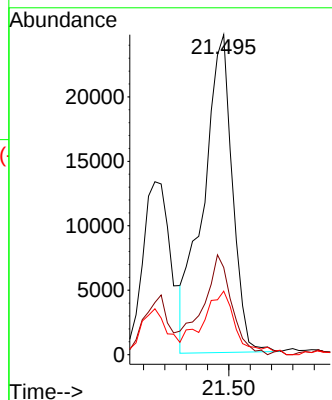
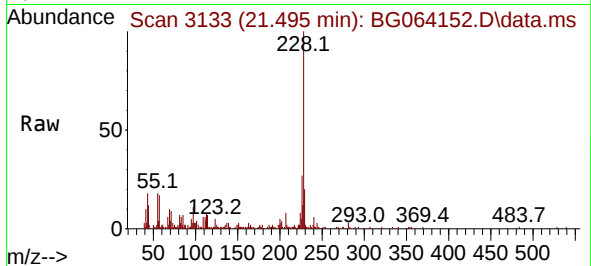




#83
Chrysene
Concen: 2.944 ng
RT: 21.495 min Scan# 31
Delta R.T. -0.012 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

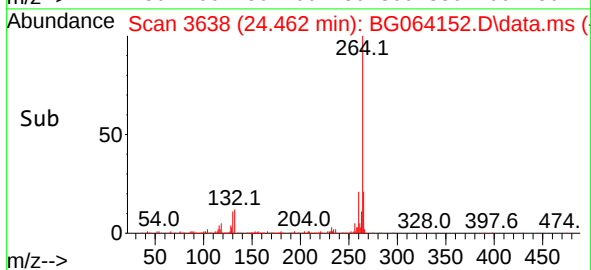
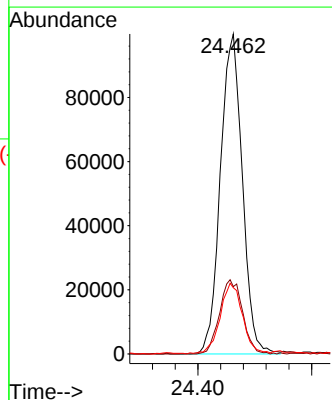
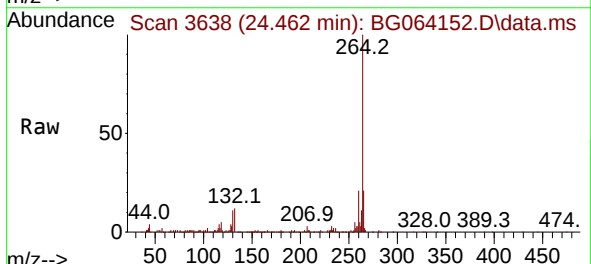
Instrument :
BNA_G
ClientSampleId :
RT5358

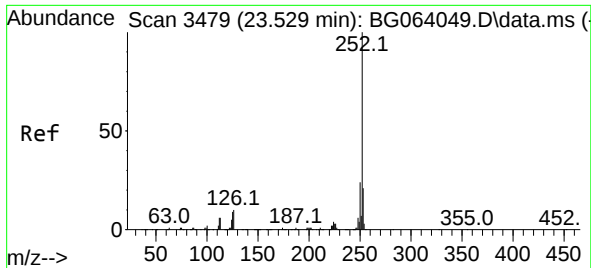
Tgt Ion:228 Resp: 46741
Ion Ratio Lower Upper
228 100
226 27.3 23.9 35.9
229 19.9 15.3 22.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.462 min Scan# 3638
Delta R.T. -0.012 min
Lab File: BG064152.D
Acq: 2 Apr 2025 14:24

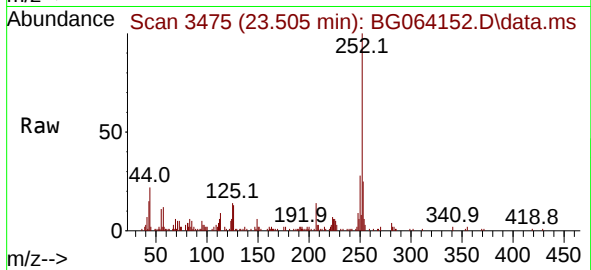
Tgt Ion:264 Resp: 267281
Ion Ratio Lower Upper
264 100
260 21.0 19.6 29.4
265 20.7 16.6 25.0





#88
 Benzo(b)fluoranthene
 Concen: 3.765 ng
 RT: 23.505 min Scan# 34
 Delta R.T. -0.024 min
 Lab File: BG064152.D
 Acq: 2 Apr 2025 14:24

Instrument :
 BNA_G
 ClientSampleId :
 RT5358



Tgt Ion:	252	Resp:	60829
Ion Ratio	Lower	Upper	
252	100		
253	25.2	17.0	25.4
125	13.6	7.4	11.2#

