

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG081621\
 Data File : BG049859.D
 Acq On : 16 Aug 2021 21:09
 Operator : CG/JU
 Sample : M3407-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 25S

Quant Time: Aug 17 04:42:54 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:23:02 2021
 Response via : Initial Calibration

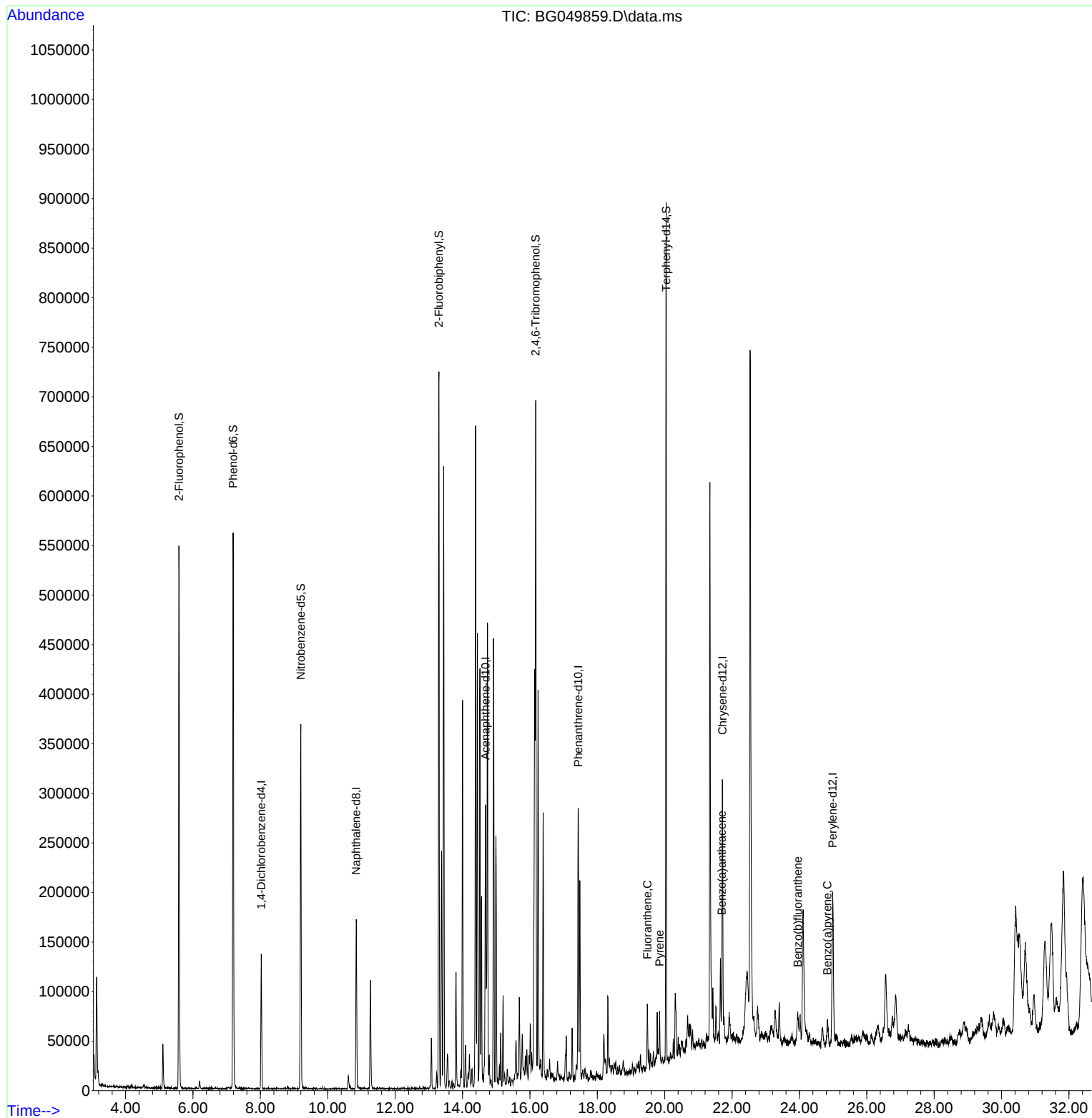
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.026	152	36271	20.000	ng	0.00
21) Naphthalene-d8	10.845	136	144838	20.000	ng	# 0.00
39) Acenaphthene-d10	14.681	164	87189	20.000	ng	0.00
64) Phenanthrene-d10	17.436	188	172463	20.000	ng	# 0.00
76) Chrysene-d12	21.713	240	153252	20.000	ng	0.00
86) Perylene-d12	24.985	264	161115	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.582	112	227091	112.234	ng	0.00
7) Phenol-d6	7.191	99	309015	100.891	ng	0.00
23) Nitrobenzene-d5	9.200	82	225996	69.047	ng	0.00
42) 2,4,6-Tribromophenol	16.173	330	131459	102.577	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	374065	62.427	ng	0.00
79) Terphenyl-d14	20.045	244	405330	48.036	ng	0.00
Target Compounds						
75) Fluoranthene	19.487	202	33183	2.972	ng	Qvalue 97
78) Pyrene	19.851	202	31759	3.040	ng	96
81) Benzo(a)anthracene	21.695	228	22111	2.215	ng	98
88) Benzo(b)fluoranthene	23.951	252	30300	2.867	ng	# 96
90) Benzo(a)pyrene	24.832	252	25378	2.654	ng	# 93

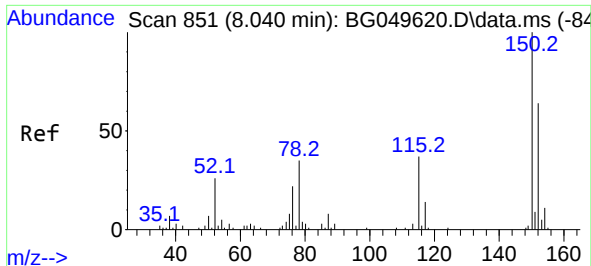
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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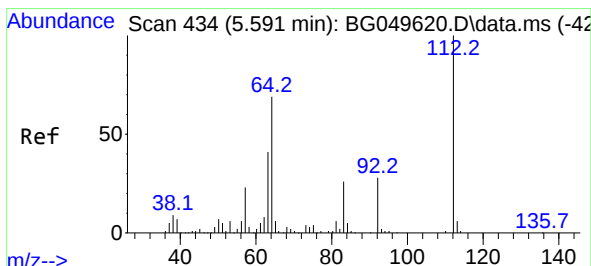
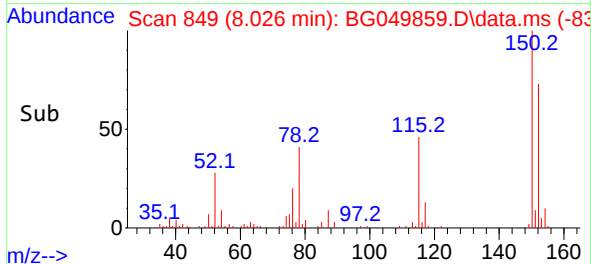
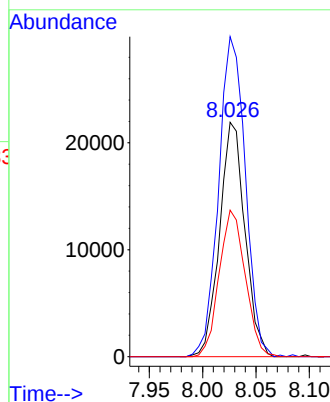
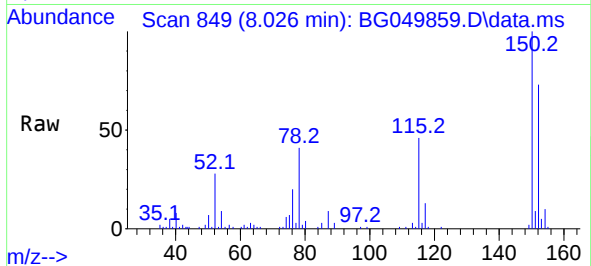




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.026 min Scan# 849
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

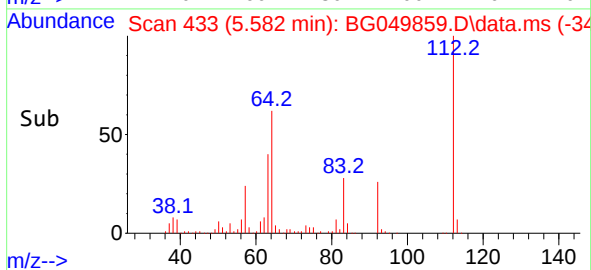
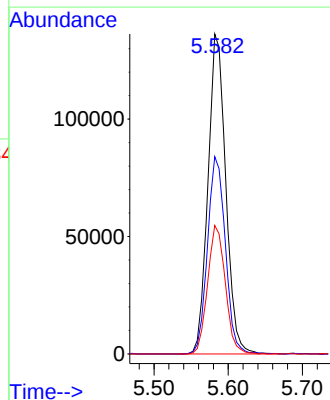
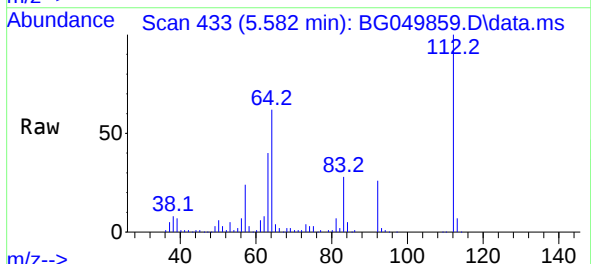
Instrument :
BNA_G
ClientSampleId :
25S

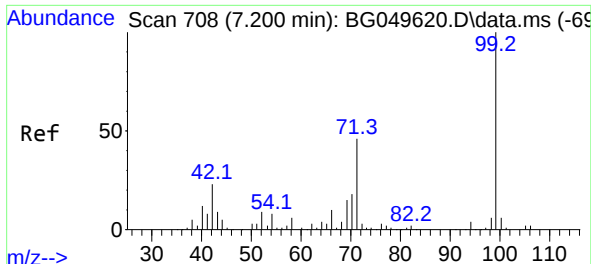
Tgt Ion:152 Resp: 36271
Ion Ratio Lower Upper
152 100
150 136.5 119.4 179.0
115 62.5 60.2 90.4



#5
2-Fluorophenol
Concen: 112.234 ng
RT: 5.582 min Scan# 433
Delta R.T. 0.004 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

Tgt Ion:112 Resp: 227091
Ion Ratio Lower Upper
112 100
64 61.6 46.7 70.1
63 40.1 35.3 52.9

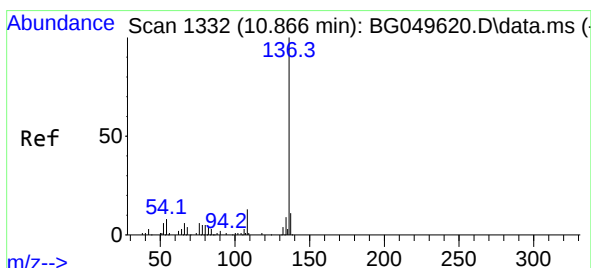
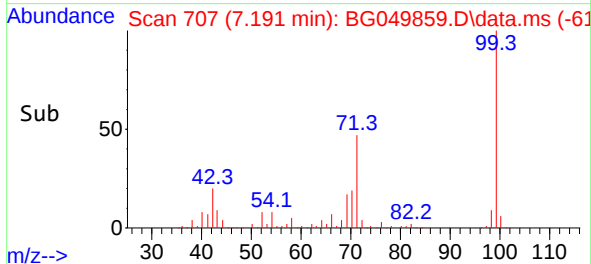
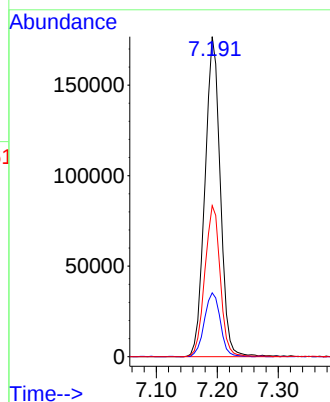
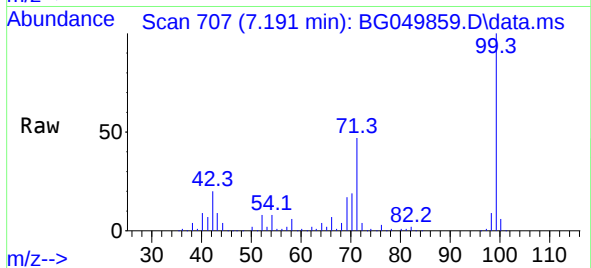




#7
Phenol-d6
Concen: 100.891 ng
RT: 7.191 min Scan# 707
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

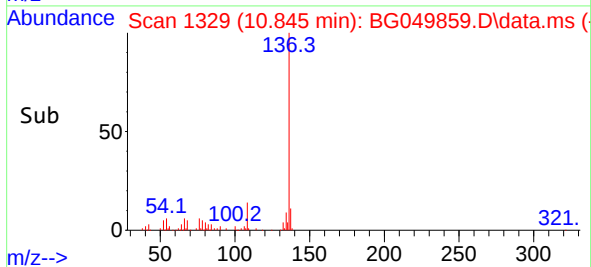
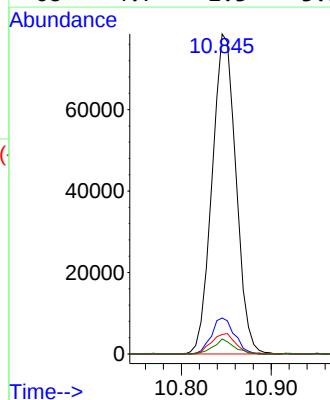
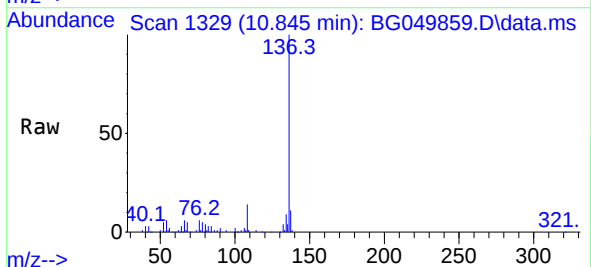
Instrument :
BNA_G
ClientSampleId :
25S

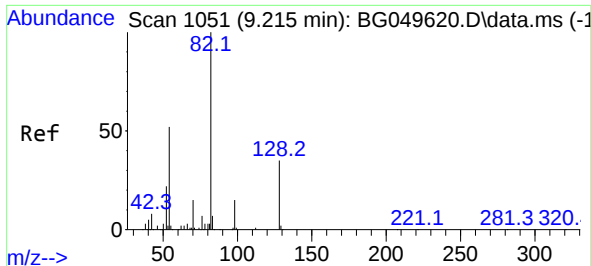
Tgt Ion: 99 Resp: 309015
Ion Ratio Lower Upper
99 100
42 20.0 20.5 30.7#
71 47.2 41.5 62.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.845 min Scan# 1329
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

Tgt Ion: 136 Resp: 144838
Ion Ratio Lower Upper
136 100
137 11.3 8.2 12.2
54 6.1 5.5 8.3
68 4.7 2.3 3.5#

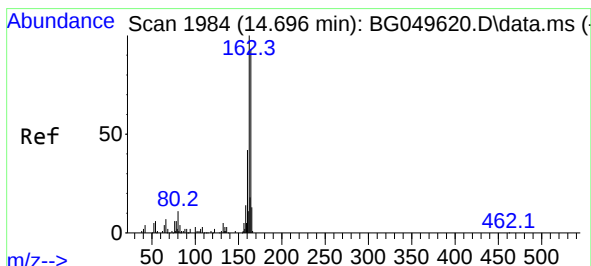
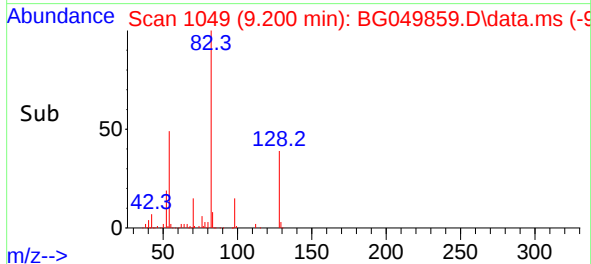
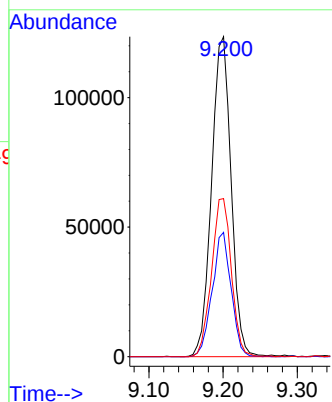
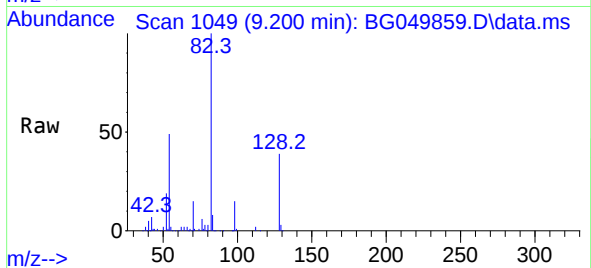




#23
Nitrobenzene-d5
Concen: 69.047 ng
RT: 9.200 min Scan# 1049
Delta R.T. 0.004 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

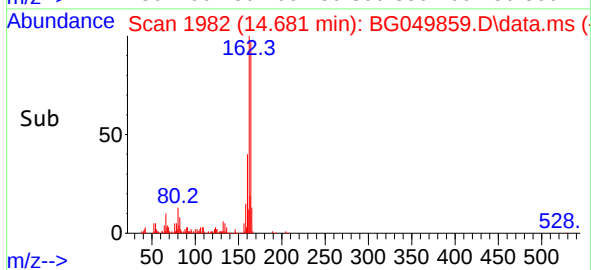
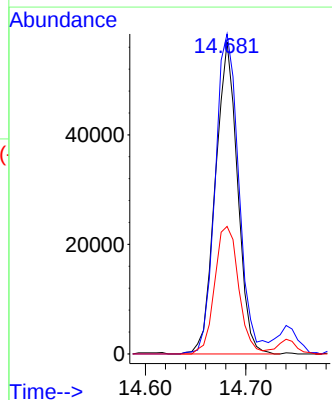
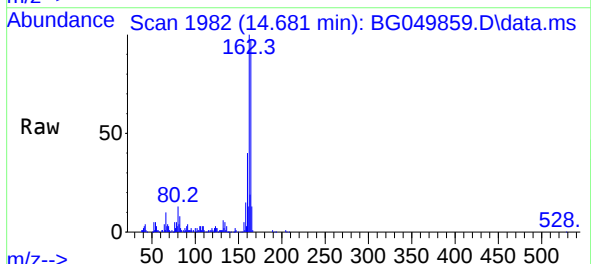
Instrument :
BNA_G
ClientSampleId :
25S

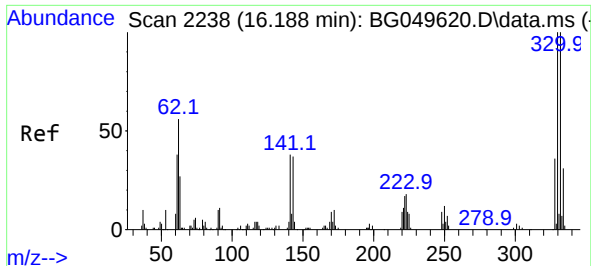
Tgt Ion: 82 Resp: 225996
Ion Ratio Lower Upper
82 100
128 38.8 29.8 44.6
54 49.4 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.681 min Scan# 1982
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

Tgt Ion: 164 Resp: 87189
Ion Ratio Lower Upper
164 100
162 102.6 81.4 122.0
160 40.9 34.9 52.3

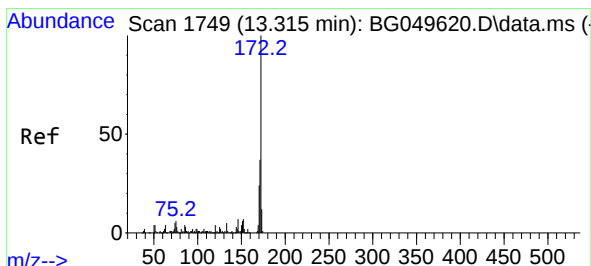
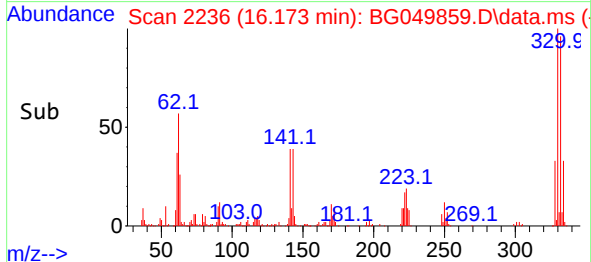
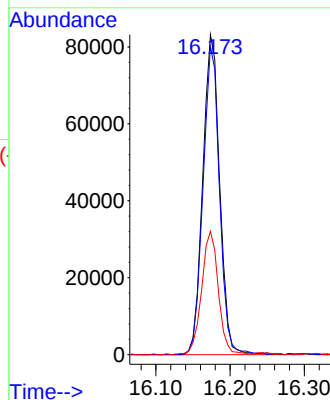
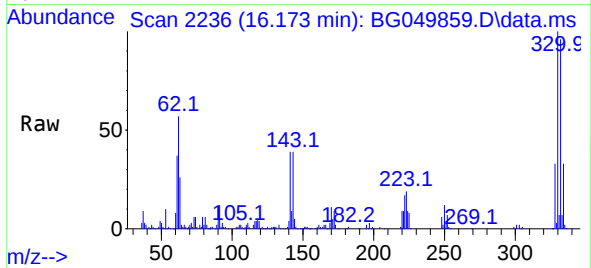




#42
2,4,6-Tribromophenol
Concen: 102.577 ng
RT: 16.173 min Scan# 2236
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

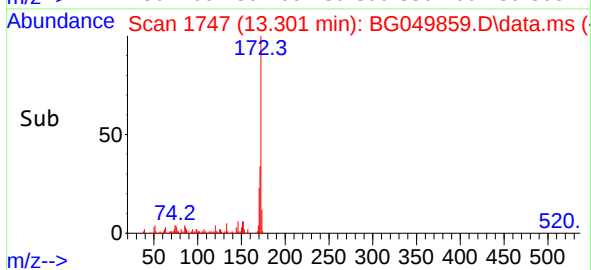
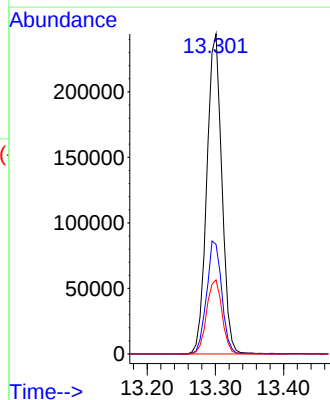
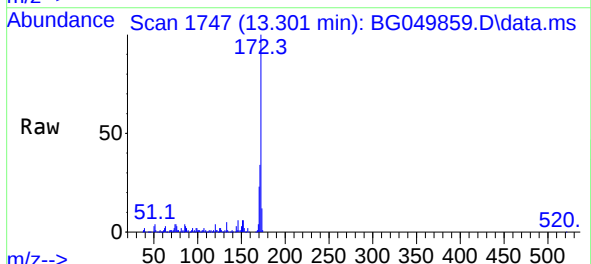
Instrument :
BNA_G
ClientSampleId :
25S

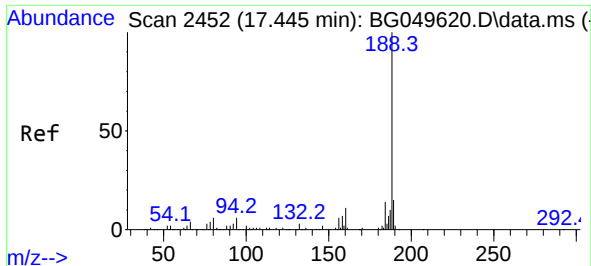
Tgt Ion:330 Resp: 131459
Ion Ratio Lower Upper
330 100
332 94.3 77.3 115.9
141 38.2 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 62.427 ng
RT: 13.301 min Scan# 1747
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

Tgt Ion:172 Resp: 374065
Ion Ratio Lower Upper
172 100
171 34.2 28.6 43.0
170 23.1 18.6 27.8

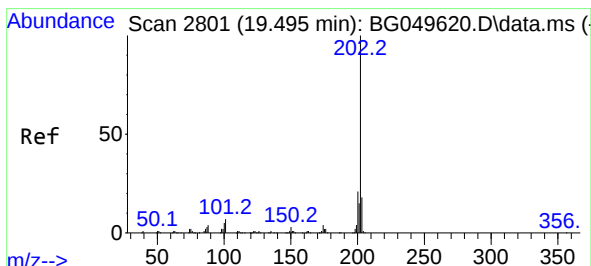
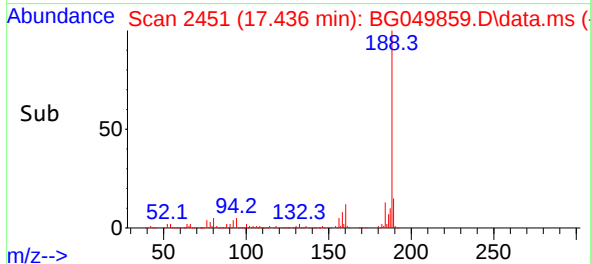
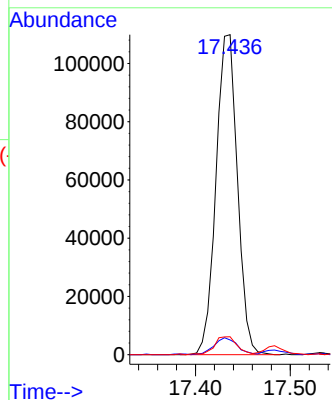
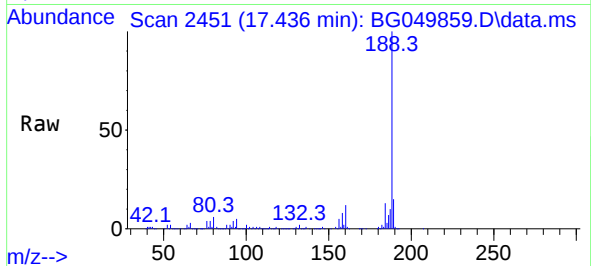




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.436 min Scan# 2451
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

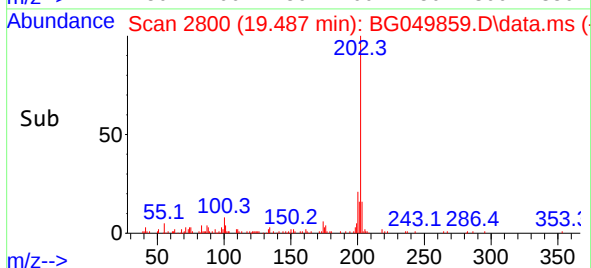
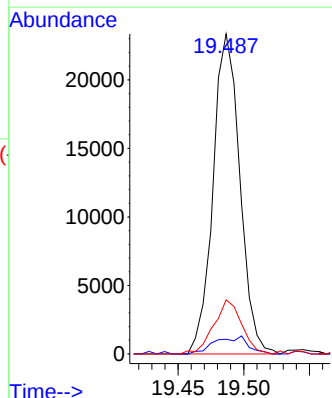
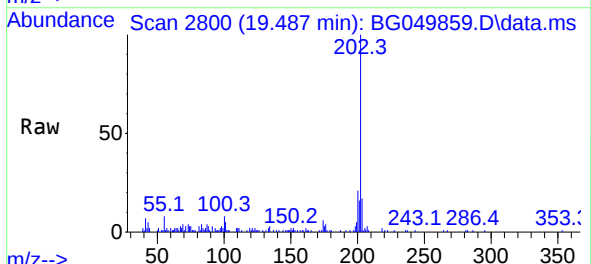
Instrument :
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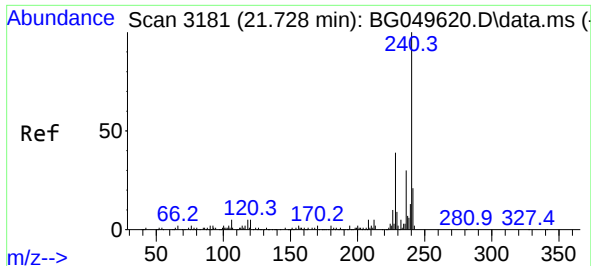
Tgt Ion:188 Resp: 172463
Ion Ratio Lower Upper
188 100
94 4.6 5.4 8.0#
80 5.6 3.7 5.5#



#75
Fluoranthene
Concen: 2.972 ng
RT: 19.487 min Scan# 2800
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

Tgt Ion:202 Resp: 33183
Ion Ratio Lower Upper
202 100
101 4.6 0.0 24.7
203 16.9 0.0 38.5

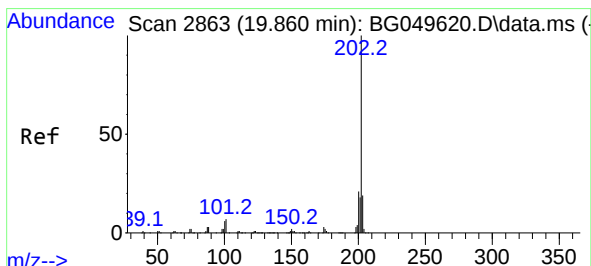
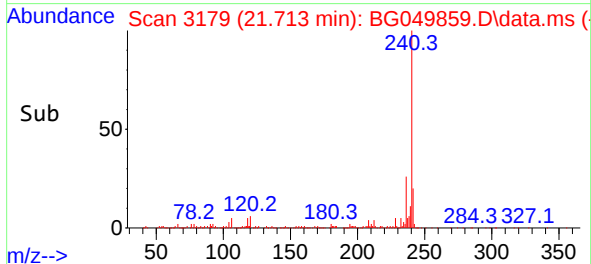
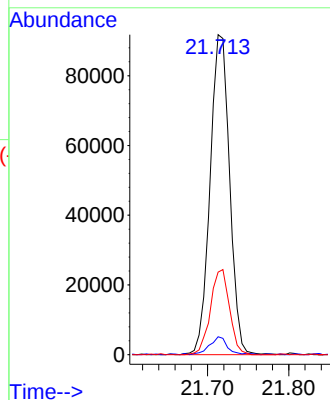
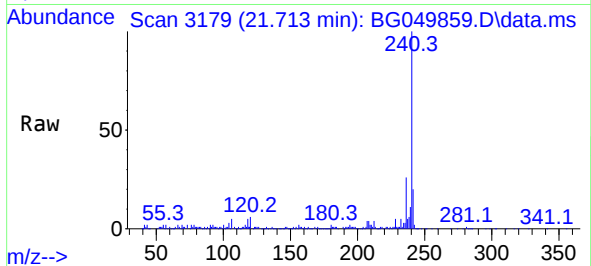




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.713 min Scan# 3179
Delta R.T. -0.008 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

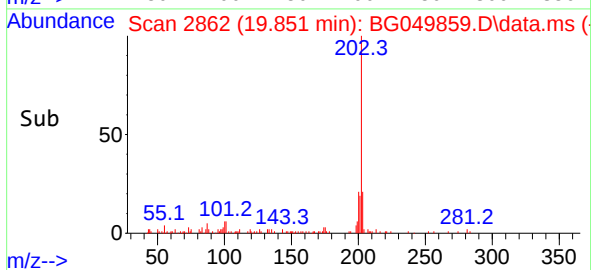
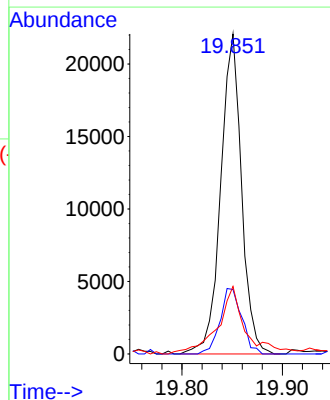
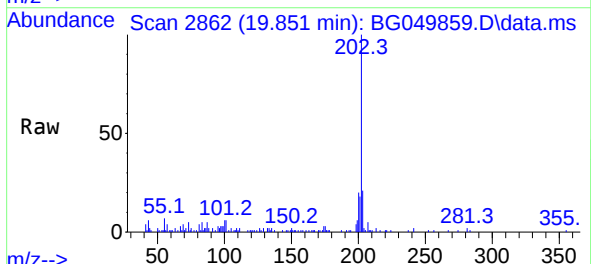
Instrument :
BNA_G
ClientSampleId :
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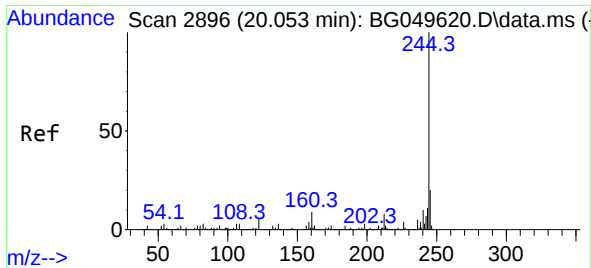
Tgt Ion:240 Resp: 153252
Ion Ratio Lower Upper
240 100
120 5.6 4.2 6.2
236 25.8 21.8 32.6



#78
Pyrene
Concen: 3.040 ng
RT: 19.851 min Scan# 2862
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

Tgt Ion:202 Resp: 31759
Ion Ratio Lower Upper
202 100
200 20.2 15.8 23.8
203 21.1 14.6 21.8



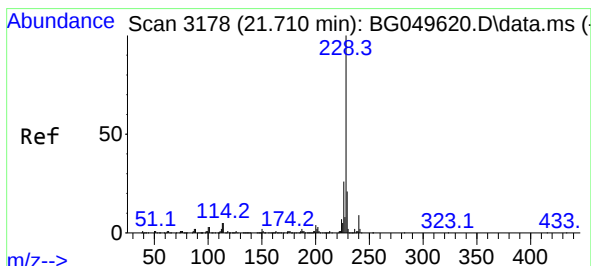
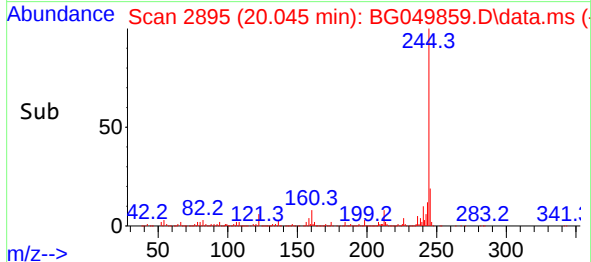
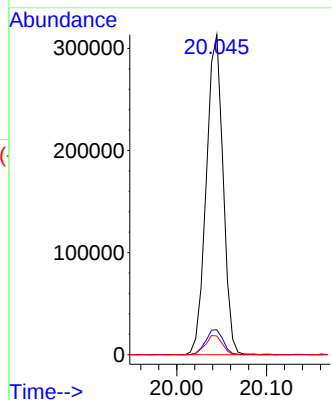
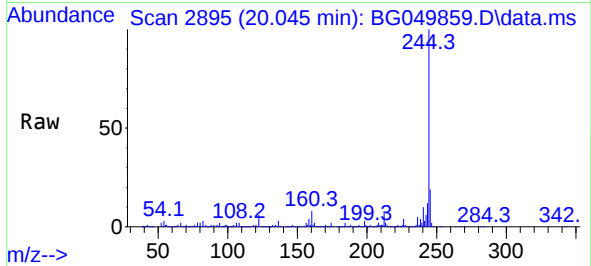


#79
 Terphenyl-d14
 Concen: 48.036 ng
 RT: 20.045 min Scan# 2895
 Delta R.T. -0.002 min
 Lab File: BG049859.D
 Acq: 16 Aug 2021 21:09

Instrument :
 BNA_G
 ClientSampleId :
 25S

Tgt Ion:244 Resp: 405330

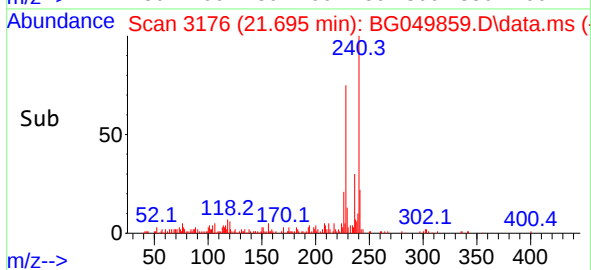
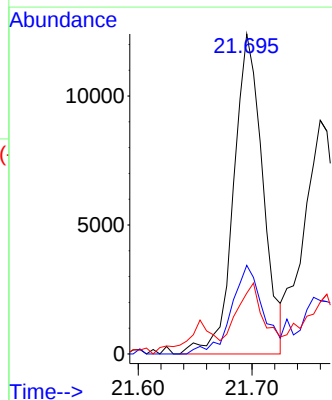
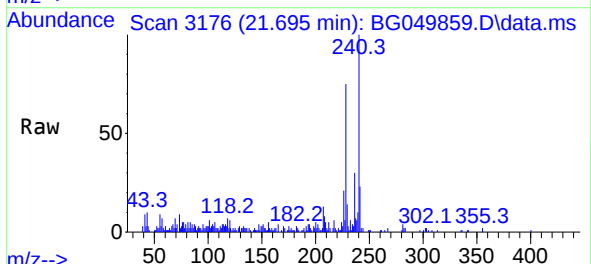
Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.9	10.3
122	5.8	5.0	7.6

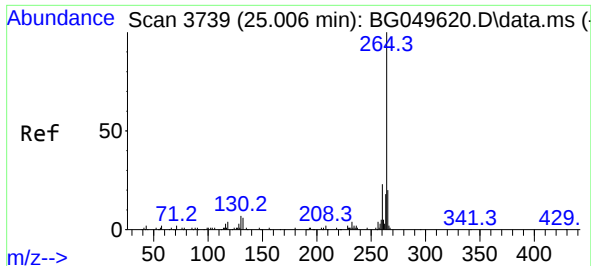


#81
 Benzo(a)anthracene
 Concen: 2.215 ng
 RT: 21.695 min Scan# 3176
 Delta R.T. -0.002 min
 Lab File: BG049859.D
 Acq: 16 Aug 2021 21:09

Tgt Ion:228 Resp: 22111

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.7	34.1
229	19.0	16.0	24.0

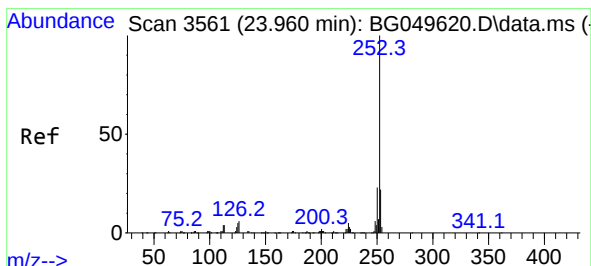
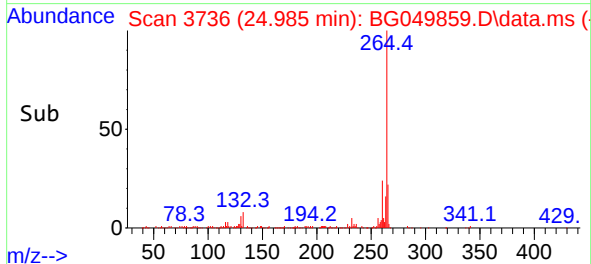
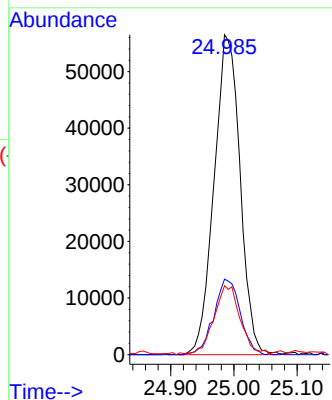
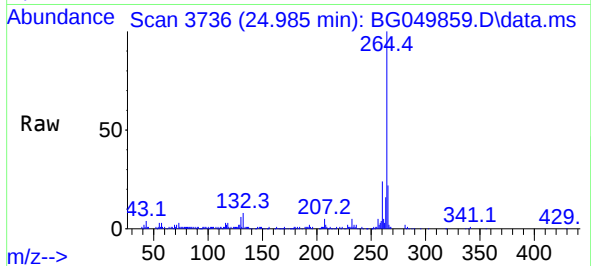




#86
Perylene-d12
Concen: 20.000 ng
RT: 24.985 min Scan# 3736
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

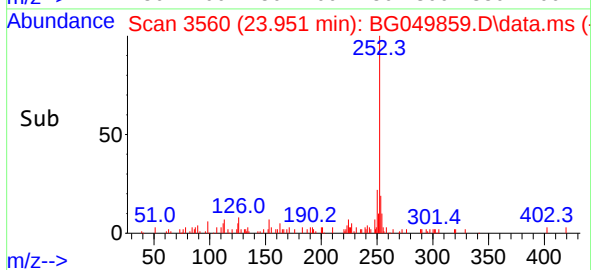
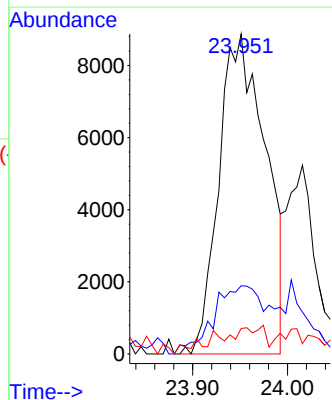
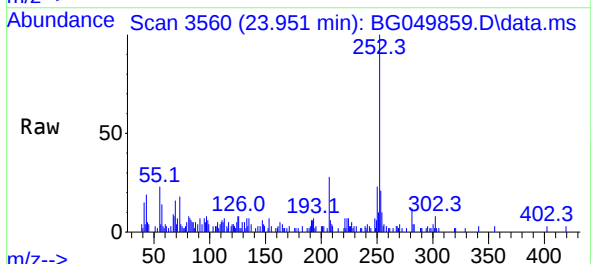
Instrument :
BNA_G
ClientSampled :
25S

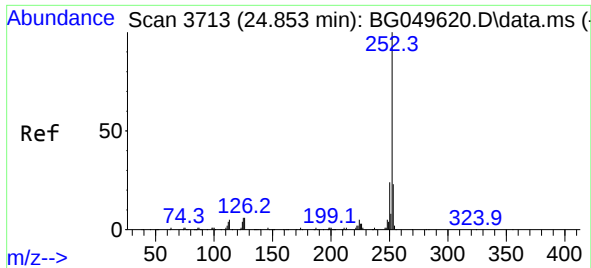
Tgt Ion:264 Resp: 161115
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 21.6 16.9 25.3



#88
Benzo(b)fluoranthene
Concen: 2.867 ng
RT: 23.951 min Scan# 3560
Delta R.T. -0.002 min
Lab File: BG049859.D
Acq: 16 Aug 2021 21:09

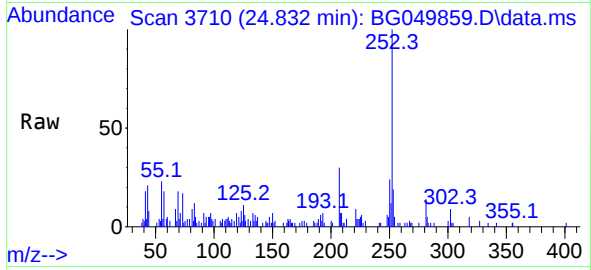
Tgt Ion:252 Resp: 30300
Ion Ratio Lower Upper
252 100
253 21.3 16.2 24.4
125 8.0 3.0 4.4#





#90
 Benzo(a)pyrene
 Concen: 2.654 ng
 RT: 24.832 min Scan# 3710
 Delta R.T. -0.008 min
 Lab File: BG049859.D
 Acq: 16 Aug 2021 21:09

Instrument :
 BNA_G
 ClientSampleId :
 25S



Tgt Ion:	252	Resp:	25378
Ion Ratio	Lower	Upper	
252	100		
253	18.8	16.6	25.0
125	10.6	3.5	5.3#

