

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111621\
 Data File : BG051072.D
 Acq On : 16 Nov 2021 18:35
 Operator : CG/JU
 Sample : M4685-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-111221

Quant Time: Nov 17 00:42:11 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 15 03:55:35 2021
 Response via : Initial Calibration

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

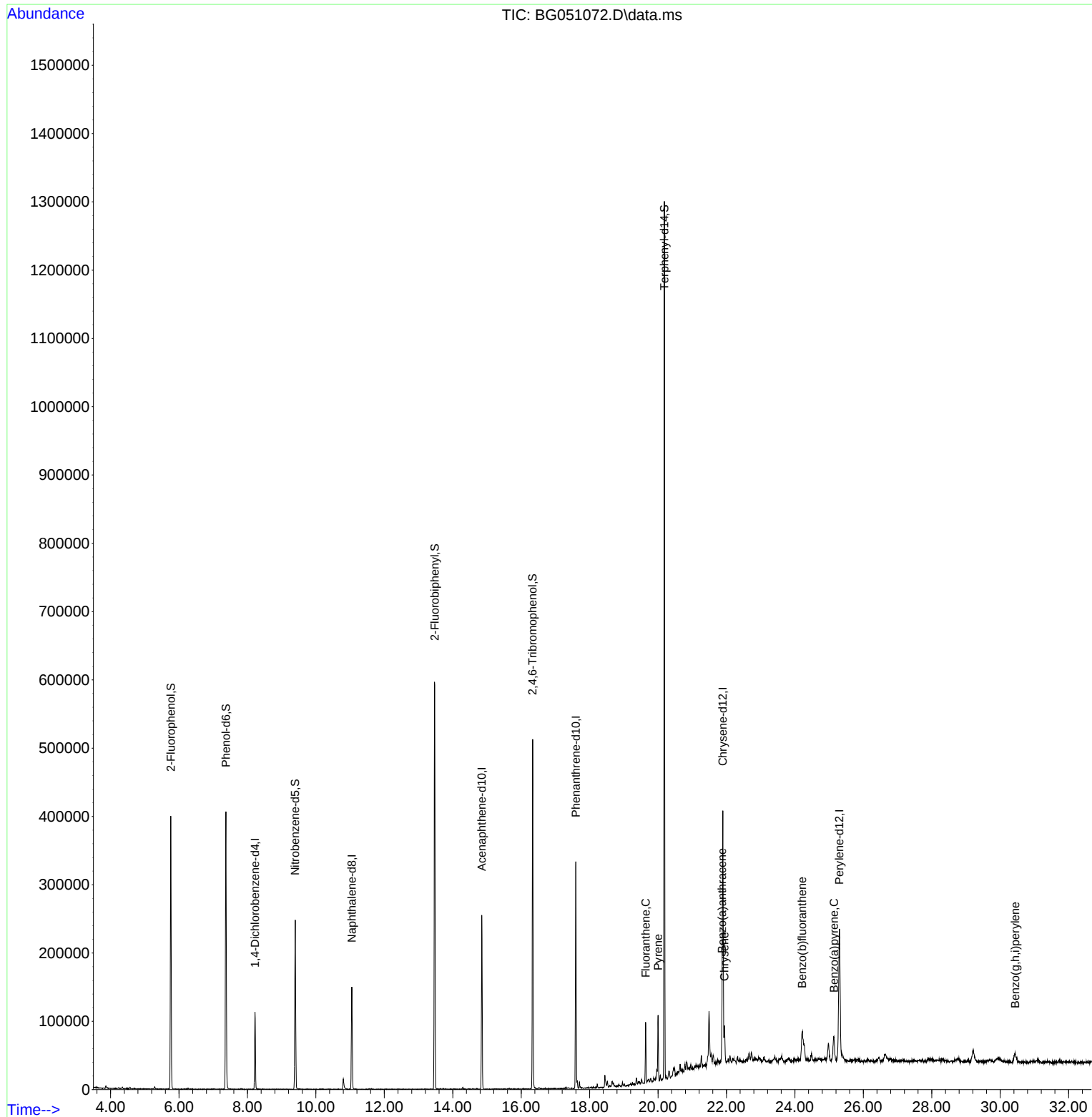
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.220	152	31042	20.000	ng	0.00
21) Naphthalene-d8	11.047	136	129736	20.000	ng	# 0.00
39) Acenaphthene-d10	14.848	164	87827	20.000	ng	0.00
64) Phenanthrene-d10	17.598	188	214726	20.000	ng	# 0.00
76) Chrysene-d12	21.893	240	211950	20.000	ng	# 0.00
86) Perylene-d12	25.300	264	208288	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.759	112	174512	84.097	ng	0.00
7) Phenol-d6	7.369	99	233995	79.890	ng	0.00
23) Nitrobenzene-d5	9.396	82	158033	53.922	ng	0.00
42) 2,4,6-Tribromophenol	16.335	330	81851	93.128	ng	0.00
45) 2-Fluorobiphenyl	13.473	172	312615	56.240	ng	0.00
79) Terphenyl-d14	20.183	244	584891	50.494	ng	0.00
Target Compounds						
						Qvalue
75) Fluoranthene	19.637	202	54791	3.899	ng	94
78) Pyrene	20.001	202	59673	3.753	ng	98
81) Benzo(a)anthracene	21.869	228	42656	2.931	ng	100
83) Chrysene	21.940	228	38551	2.808	ng	95
88) Benzo(b)fluoranthene	24.214	252	53394	4.073	ng	# 93
90) Benzo(a)pyrene	25.142	252	39148	3.498	ng	# 96
92) Benzo(g,h,i)perylene	30.436	276	26269	2.193	ng	# 84

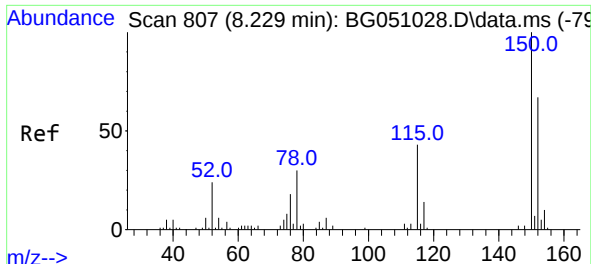
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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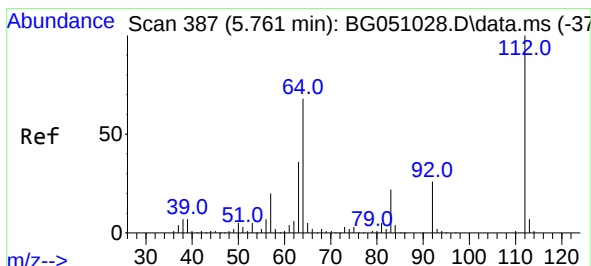
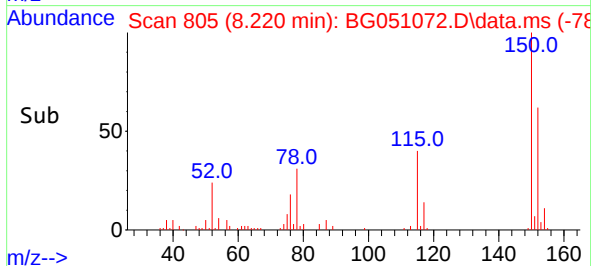
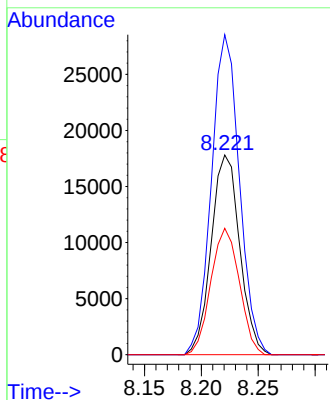
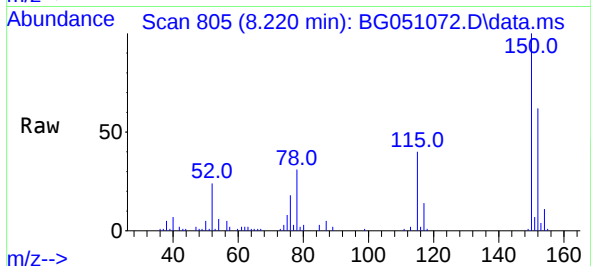




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.220 min Scan# 807
Delta R.T. -0.008 min
Lab File: BG051072.D
Acq: 16 Nov 2021 18:35

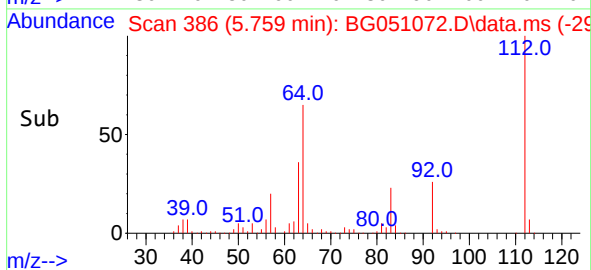
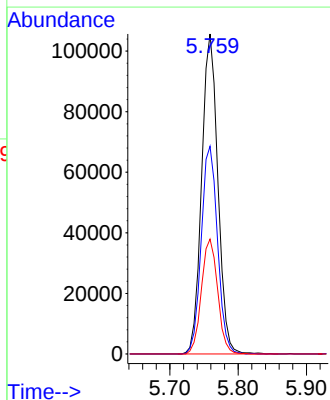
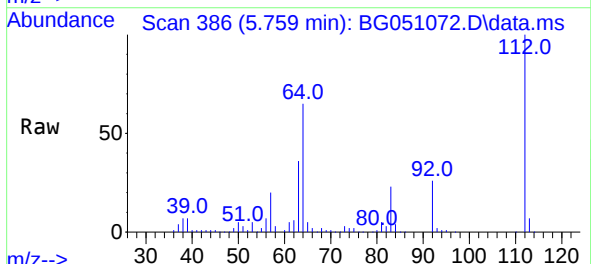
Instrument :
BNA_G
ClientSampleId :
OK-01-111221

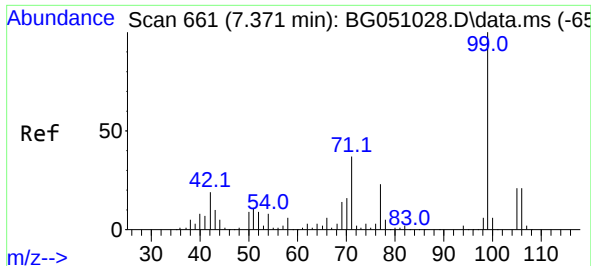
Tgt Ion:152 Resp: 31042
Ion Ratio Lower Upper
152 100
150 160.3 119.4 179.0
115 63.3 60.2 90.4



#5
2-Fluorophenol
Concen: 84.097 ng
RT: 5.759 min Scan# 386
Delta R.T. -0.002 min
Lab File: BG051072.D
Acq: 16 Nov 2021 18:35

Tgt Ion:112 Resp: 174512
Ion Ratio Lower Upper
112 100
64 64.9 46.7 70.1
63 35.9 35.3 52.9

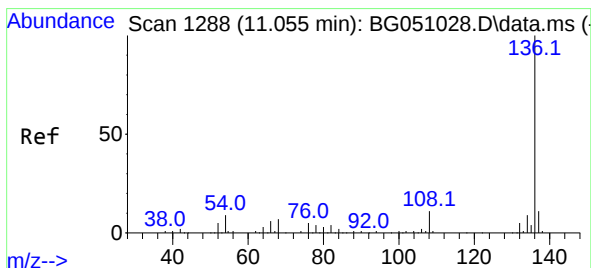
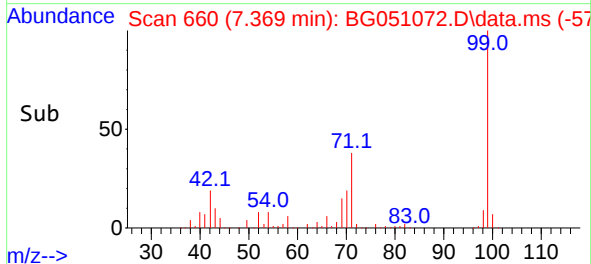
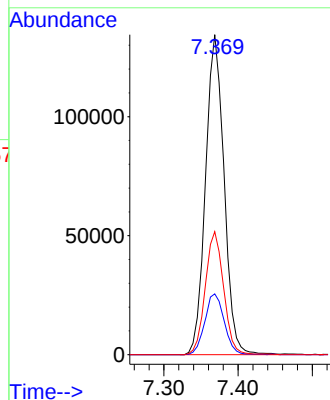
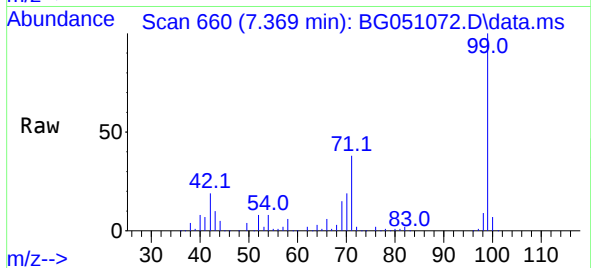




#7
Phenol-d6
Concen: 79.890 ng
RT: 7.369 min Scan# 60
Delta R.T. -0.002 min
Lab File: BG051072.D
Acq: 16 Nov 2021 18:35

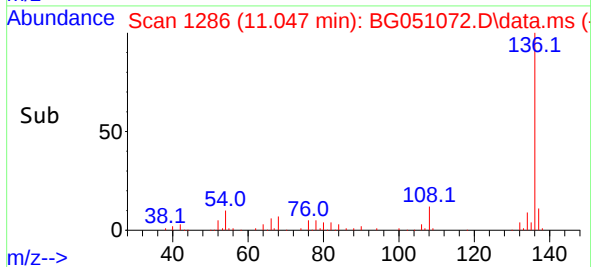
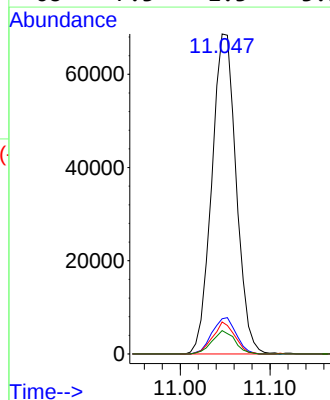
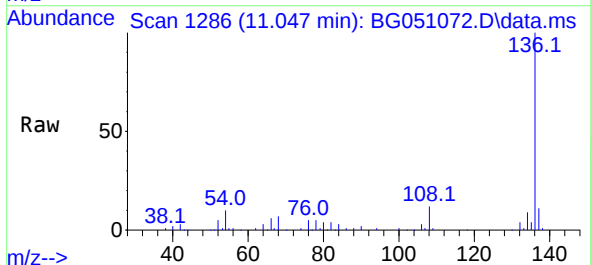
Instrument :
BNA_G
ClientSampleId :
OK-01-111221

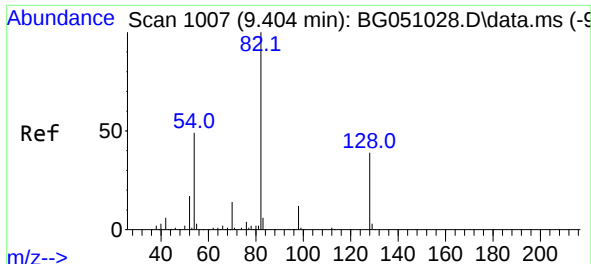
Tgt Ion: 99 Resp: 233995
Ion Ratio Lower Upper
99 100
42 19.0 20.5 30.7#
71 38.4 41.5 62.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 11.047 min Scan# 1286
Delta R.T. -0.008 min
Lab File: BG051072.D
Acq: 16 Nov 2021 18:35

Tgt Ion: 136 Resp: 129736
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 10.0 5.5 8.3#
68 7.3 2.3 3.5#

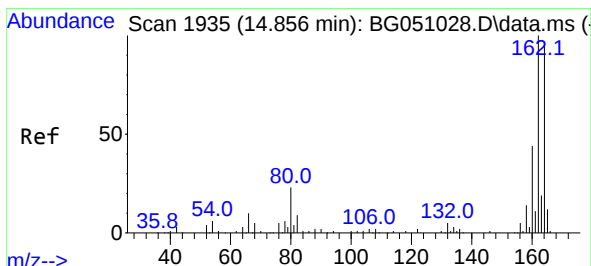
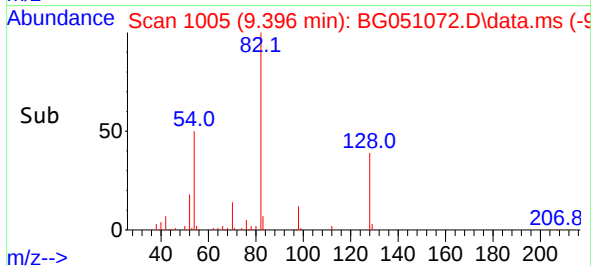
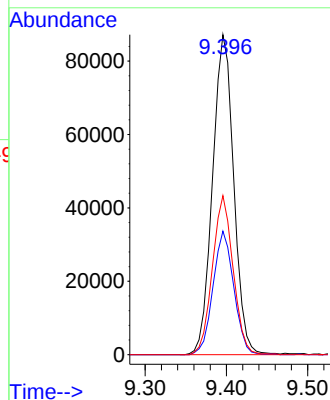
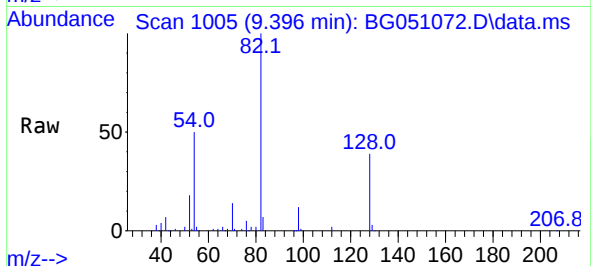




#23
Nitrobenzene-d5
Concen: 53.922 ng
RT: 9.396 min Scan# 1005
Delta R.T. -0.008 min
Lab File: BG051072.D
Acq: 16 Nov 2021 18:35

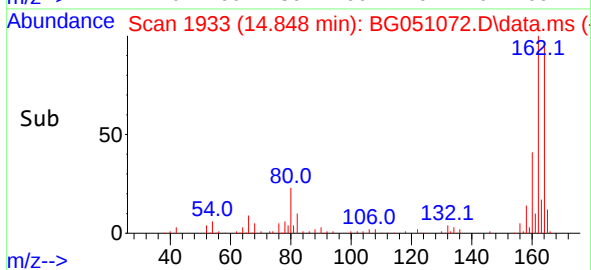
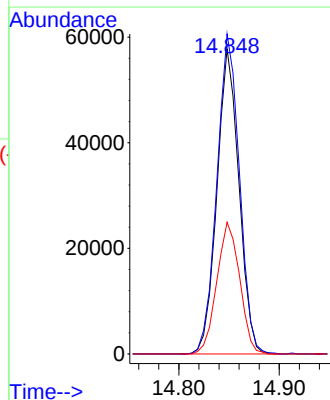
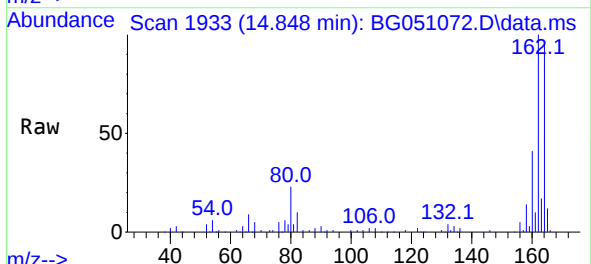
Instrument :
BNA_G
ClientSampleId :
OK-01-111221

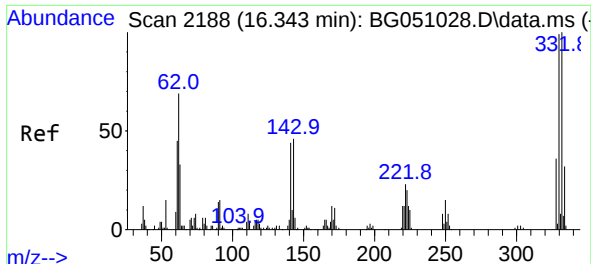
Tgt Ion: 82 Resp: 158033
Ion Ratio Lower Upper
82 100
128 38.6 29.8 44.6
54 49.7 45.8 68.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.848 min Scan# 1933
Delta R.T. -0.008 min
Lab File: BG051072.D
Acq: 16 Nov 2021 18:35

Tgt Ion: 164 Resp: 87827
Ion Ratio Lower Upper
164 100
162 104.9 81.4 122.0
160 43.1 34.9 52.3

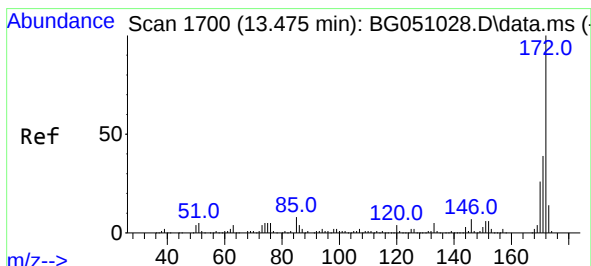
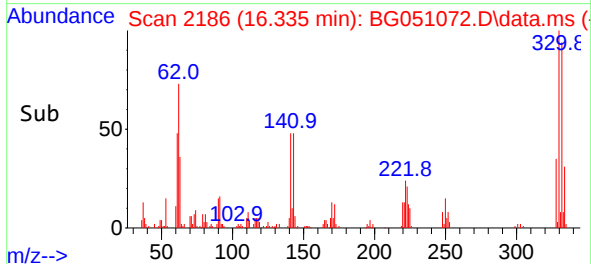
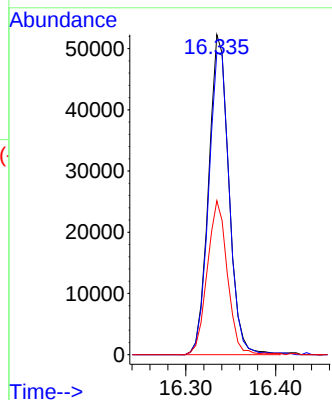
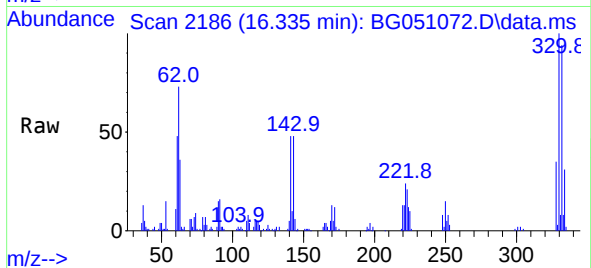




#42
2,4,6-Tribromophenol
Concen: 93.128 ng
RT: 16.335 min Scan# 2188
Delta R.T. -0.008 min
Lab File: BG051072.D
Acq: 16 Nov 2021 18:35

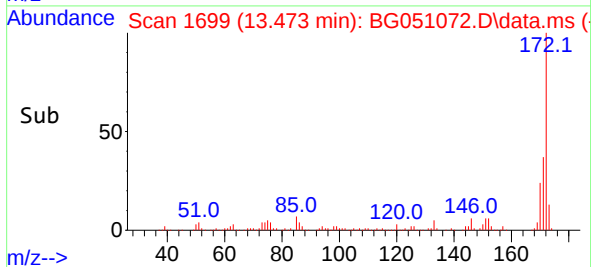
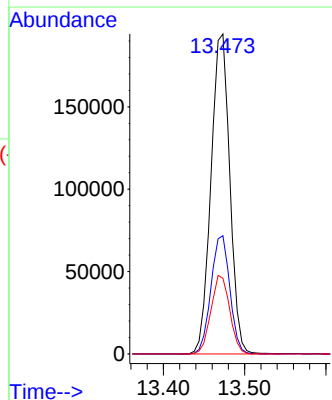
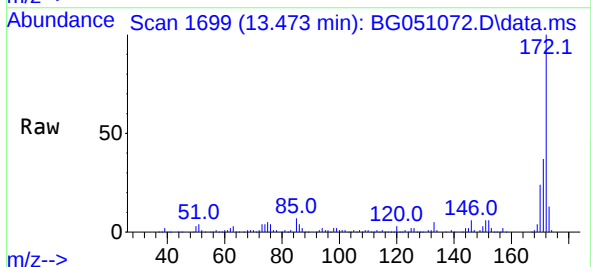
Instrument :
BNA_G
ClientSampleId :
OK-01-111221

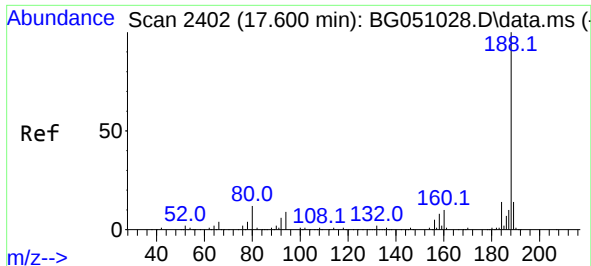
Tgt Ion:330 Resp: 81851
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 47.8 35.6 53.4



#45
2-Fluorobiphenyl
Concen: 56.240 ng
RT: 13.473 min Scan# 1699
Delta R.T. -0.002 min
Lab File: BG051072.D
Acq: 16 Nov 2021 18:35

Tgt Ion:172 Resp: 312615
Ion Ratio Lower Upper
172 100
171 36.9 28.6 43.0
170 23.6 18.6 27.8

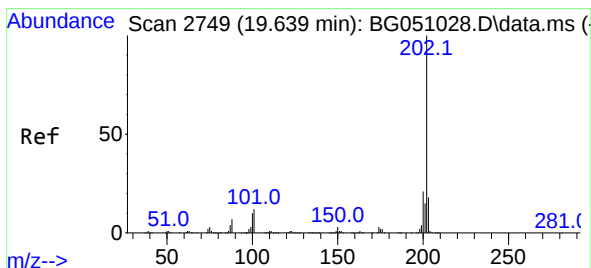
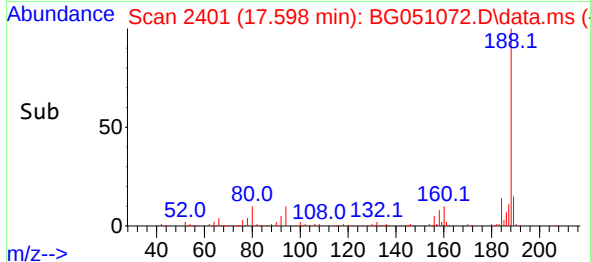
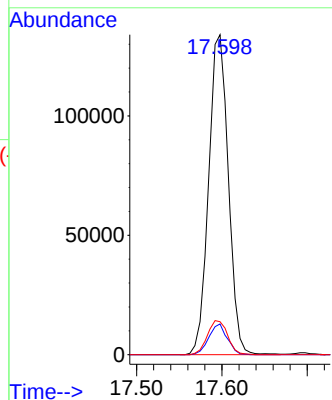
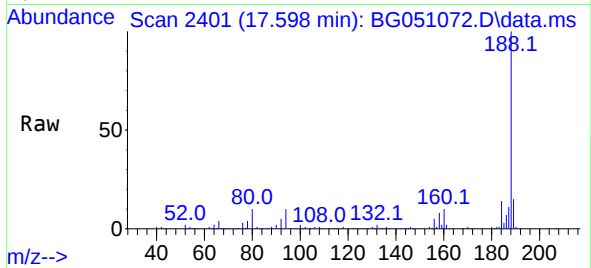




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.598 min Scan# 24
Delta R.T. -0.002 min
Lab File: BG051072.D
Acq: 16 Nov 2021 18:35

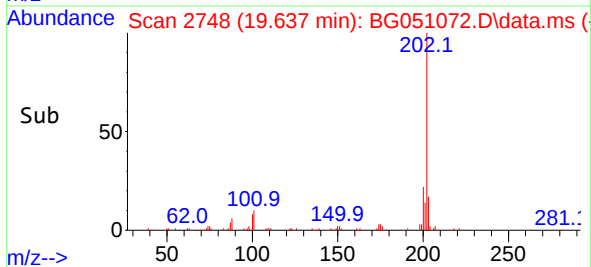
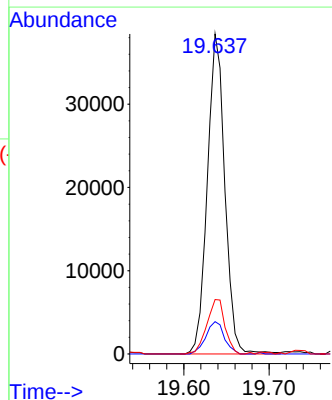
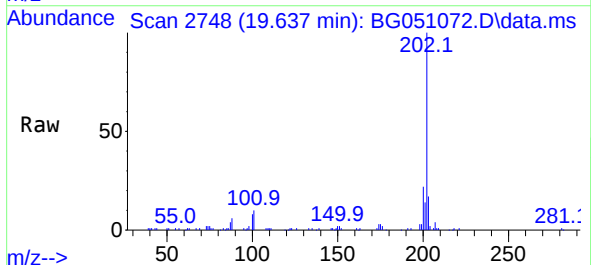
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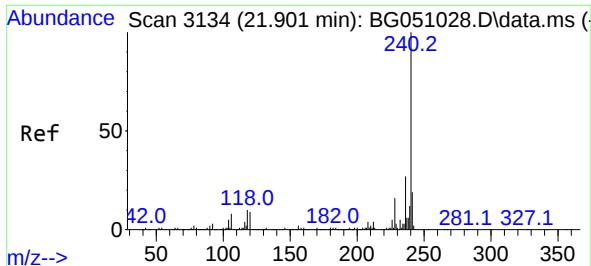
Tgt Ion:188 Resp: 214726
Ion Ratio Lower Upper
188 100
94 9.6 5.4 8.0#
80 10.3 3.7 5.5#



#75
Fluoranthene
Concen: 3.899 ng
RT: 19.637 min Scan# 2748
Delta R.T. -0.002 min
Lab File: BG051072.D
Acq: 16 Nov 2021 18:35

Tgt Ion:202 Resp: 54791
Ion Ratio Lower Upper
202 100
101 10.1 0.0 24.7
203 17.0 0.0 38.5

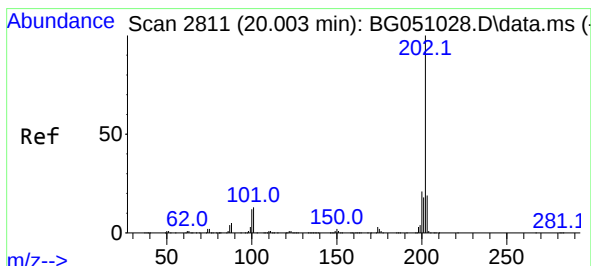
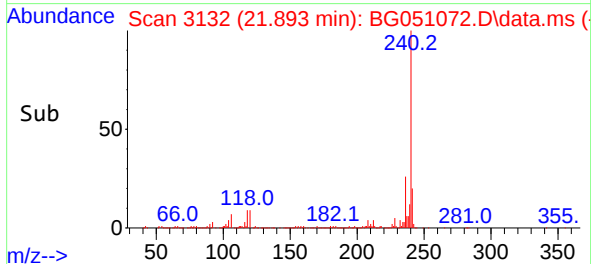
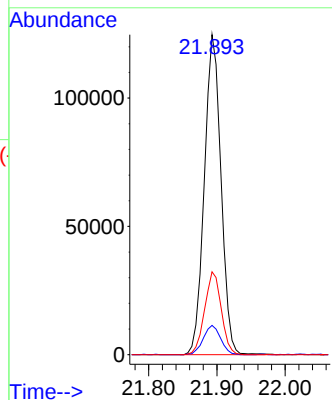
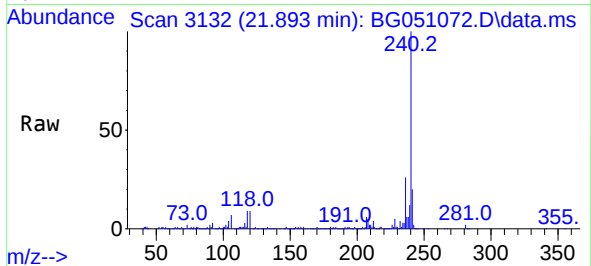




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.893 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG051072.D
Acq: 16 Nov 2021 18:35

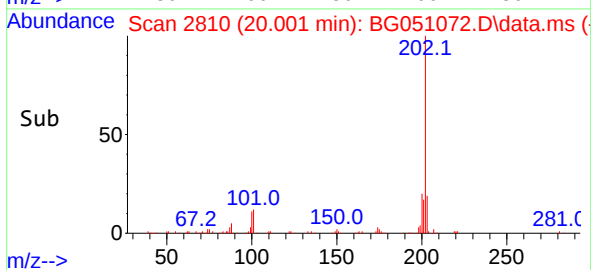
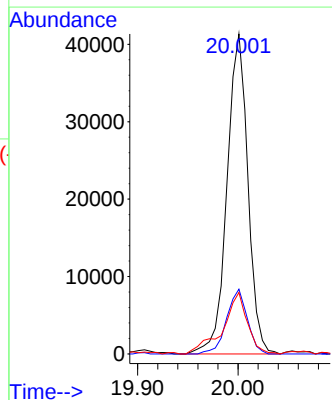
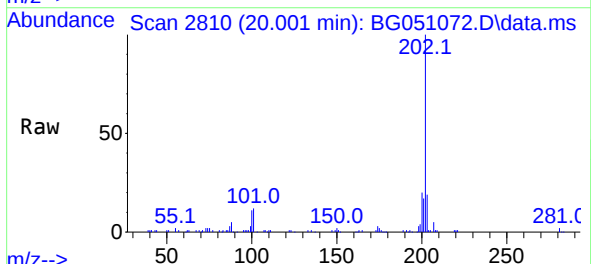
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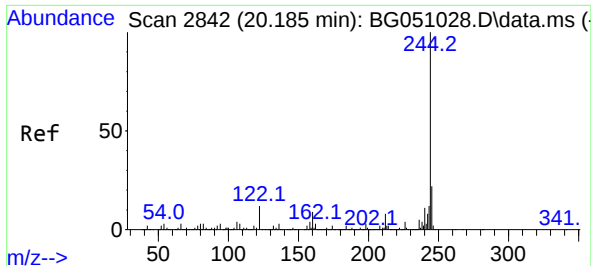
Tgt Ion:240 Resp: 211950
Ion Ratio Lower Upper
240 100
120 9.2 4.2 6.2#
236 25.9 21.8 32.6



#78
Pyrene
Concen: 3.753 ng
RT: 20.001 min Scan# 2810
Delta R.T. -0.002 min
Lab File: BG051072.D
Acq: 16 Nov 2021 18:35

Tgt Ion:202 Resp: 59673
Ion Ratio Lower Upper
202 100
200 20.2 15.8 23.8
203 19.2 14.6 21.8

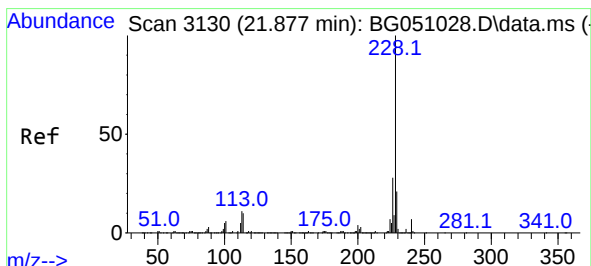
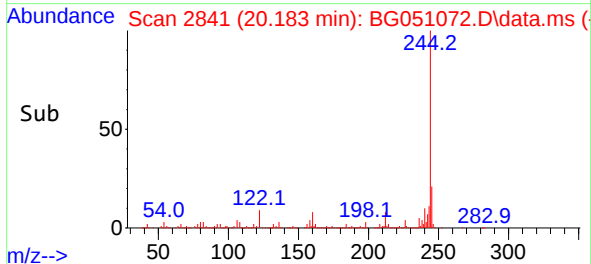
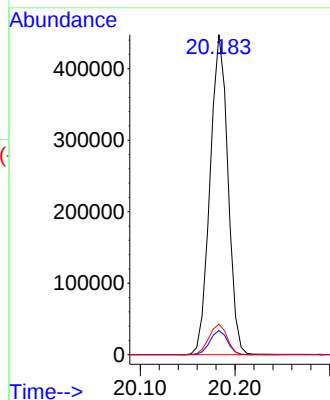
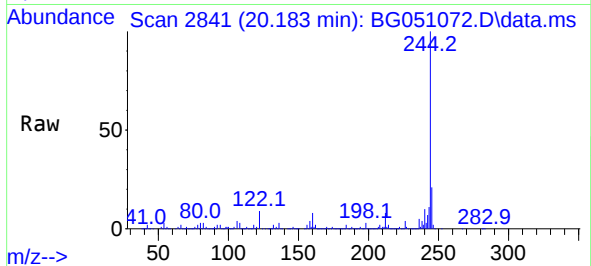




#79
 Terphenyl-d14
 Concen: 50.494 ng
 RT: 20.183 min Scan# 21
 Delta R.T. -0.002 min
 Lab File: BG051072.D
 Acq: 16 Nov 2021 18:35

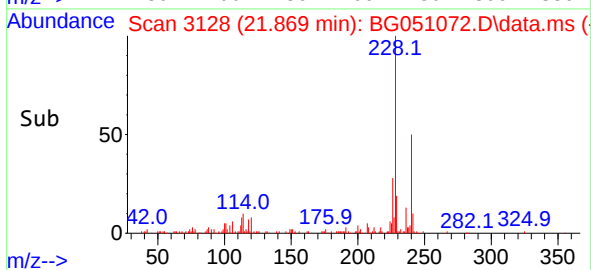
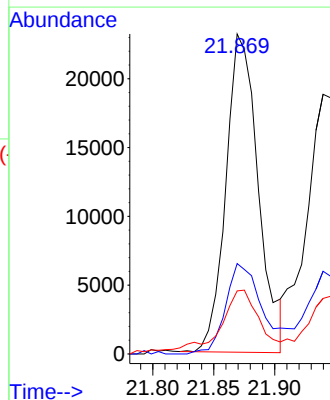
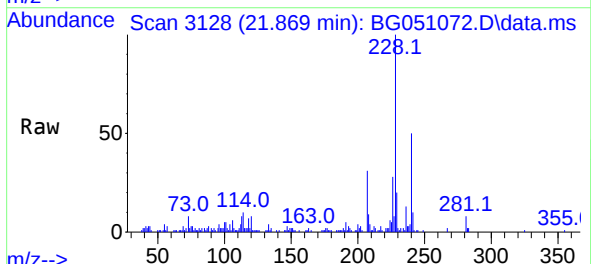
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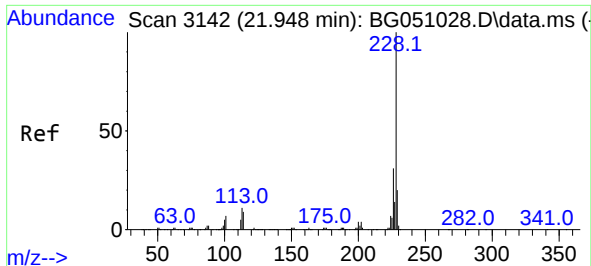
Tgt Ion:244 Resp: 584891
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.9 10.3
 122 9.5 5.0 7.6#



#81
 Benzo(a)anthracene
 Concen: 2.931 ng
 RT: 21.869 min Scan# 3128
 Delta R.T. -0.008 min
 Lab File: BG051072.D
 Acq: 16 Nov 2021 18:35

Tgt Ion:228 Resp: 42656
 Ion Ratio Lower Upper
 228 100
 226 28.2 22.7 34.1
 229 19.7 16.0 24.0

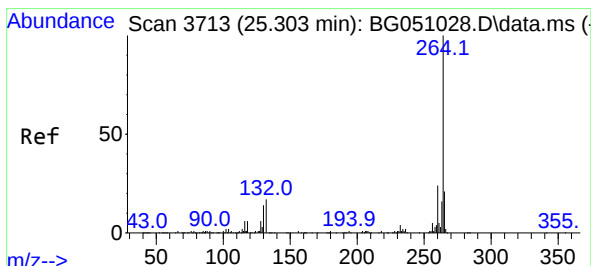
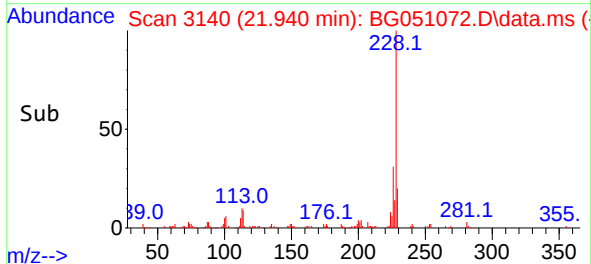
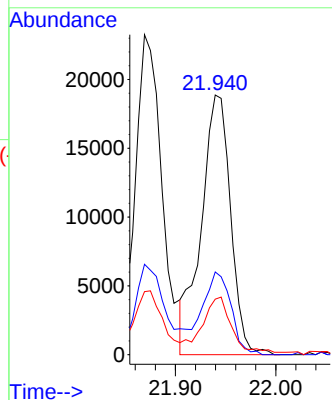
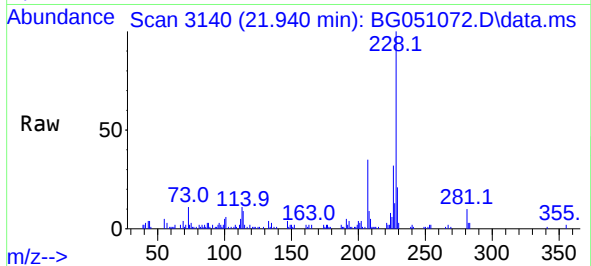




#83
Chrysene
Concen: 2.808 ng
RT: 21.940 min Scan# 31
Delta R.T. -0.008 min
Lab File: BG051072.D
Acq: 16 Nov 2021 18:35

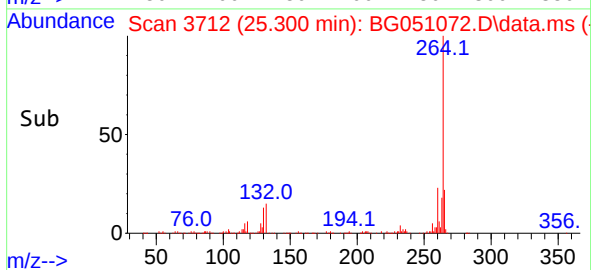
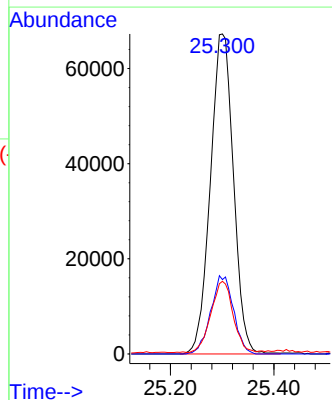
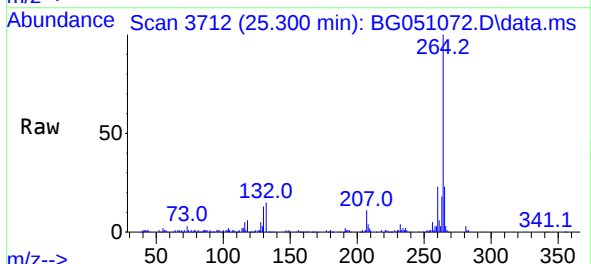
Instrument :
BNA_G
ClientSampleId :
OK-01-111221

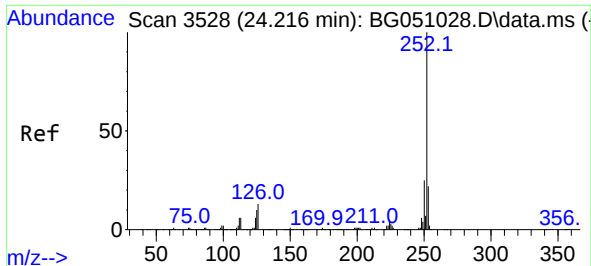
Tgt Ion:	228	Resp:	38551
Ion Ratio	Lower	Upper	
228	100		
226	31.8	23.1	34.7
229	21.4	15.3	22.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 25.300 min Scan# 3712
Delta R.T. -0.002 min
Lab File: BG051072.D
Acq: 16 Nov 2021 18:35

Tgt Ion:	264	Resp:	208288
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.4	29.2
265	22.7	16.9	25.3

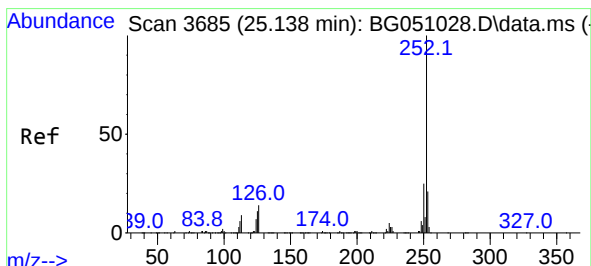
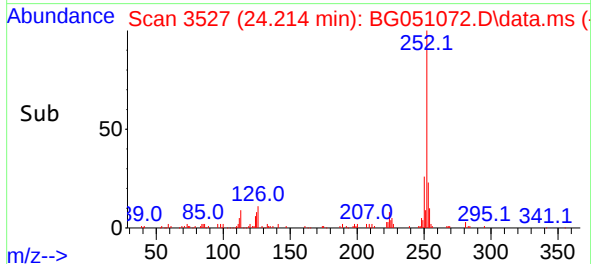
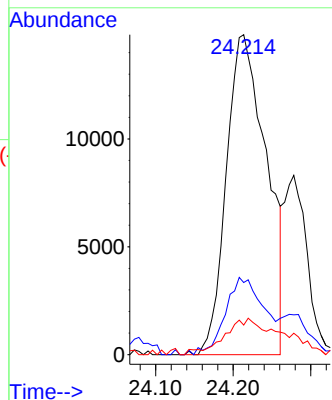
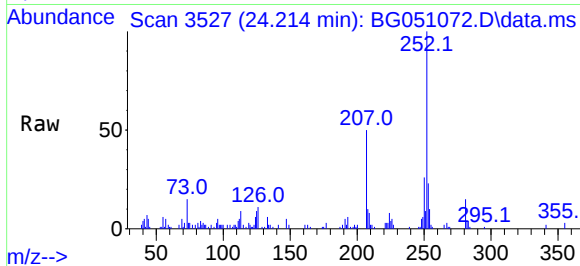




#88
Benzo(b)fluoranthene
Concen: 4.073 ng
RT: 24.214 min Scan# 31
Delta R.T. -0.002 min
Lab File: BG051072.D
Acq: 16 Nov 2021 18:35

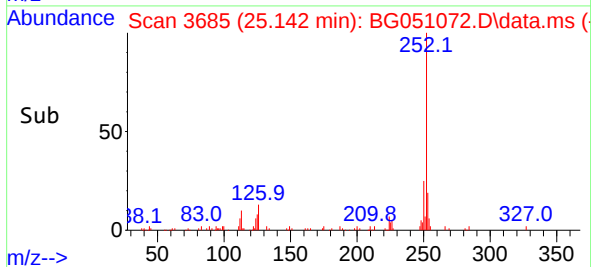
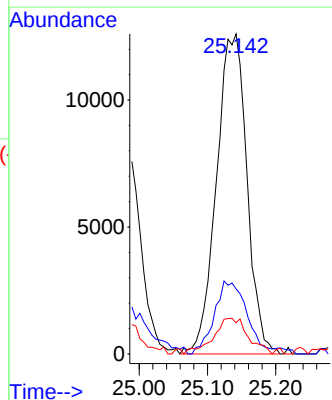
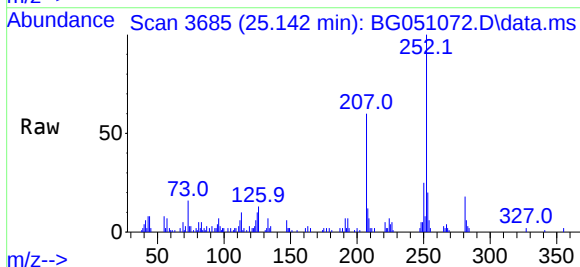
Instrument :
BNA_G
ClientSampleId :
OK-01-111221

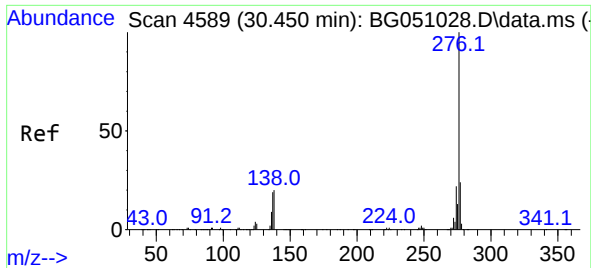
Tgt Ion:252 Resp: 53394
Ion Ratio Lower Upper
252 100
253 22.6 16.2 24.4
125 9.2 3.0 4.4#



#90
Benzo(a)pyrene
Concen: 3.498 ng
RT: 25.142 min Scan# 3685
Delta R.T. 0.004 min
Lab File: BG051072.D
Acq: 16 Nov 2021 18:35

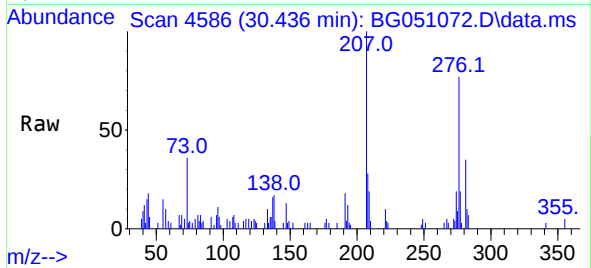
Tgt Ion:252 Resp: 39148
Ion Ratio Lower Upper
252 100
253 20.3 16.6 25.0
125 9.8 3.5 5.3#





#92
Benzo(g,h,i)perylene
Concen: 2.193 ng
RT: 30.436 min Scan# 4586
Delta R.T. -0.014 min
Lab File: BG051072.D
Acq: 16 Nov 2021 18:35

Instrument :
BNA_G
ClientSampleId :
OK-01-111221



Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	18.4	27.6
138	27.5	7.0	10.6

